

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031422\
 Data File : BF127315.D
 Acq On : 14 Mar 2022 12:32
 Operator : CG\JU
 Sample : N1645-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/15/2022
 Supervised By : Jagrut Upadhyay 03/15/2022

Quant Time: Mar 14 13:18:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 14 12:19:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	109750	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	400967	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	234460	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	426065	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	351302	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	287239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	930058	136.230	ng	0.00
7) Phenol-d6	6.510	99	1314871	140.003	ng	0.00
23) Nitrobenzene-d5	7.434	82	762229	78.507	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	367908	145.767	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1290449	77.814	ng	0.00
79) Terphenyl-d14	12.992	244	1518993	74.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	12231	3.455	ng	# 81
3) Pyridine	3.546	79	28967	3.075	ng	# 81
4) n-Nitrosodimethylamine	3.387	42	17926m	3.435	ng	
6) Aniline	6.540	93	51489	4.587	ng	99
8) 2-Chlorophenol	6.657	128	29372	4.159	ng	96
9) Benzaldehyde	6.428	77	28409	5.189	ng	96
10) Phenol	6.516	94	42584	4.128	ng	# 74
11) bis(2-Chloroethyl)ether	6.604	93	32288	4.214	ng	92
12) 1,3-Dichlorobenzene	6.810	146	33278	4.198	ng	98
13) 1,4-Dichlorobenzene	6.887	146	32797	4.124	ng	98
14) 1,2-Dichlorobenzene	7.040	146	31755	4.242	ng	92
15) Benzyl Alcohol	7.016	79	30422	4.322	ng	# 67
16) 2,2'-oxybis(1-Chloropr...	7.140	45	59406	4.132	ng	98
17) 2-Methylphenol	7.116	107	23334	3.886	ng	# 90
18) Hexachloroethane	7.375	117	12389	4.055	ng	# 76
19) n-Nitroso-di-n-propyla...	7.269	70	25618	4.371	ng	# 86
20) 3+4-Methylphenols	7.275	107	31834	4.088	ng	# 47
22) Acetophenone	7.275	105	45498	4.144	ng	# 90
24) Nitrobenzene	7.451	77	40775	4.440	ng	97
25) Isophorone	7.681	82	69070	4.424	ng	95
26) 2-Nitrophenol	7.769	139	15193	3.995	ng	# 86
27) 2,4-Dimethylphenol	7.798	122	25810	4.521	ng	94
28) bis(2-Chloroethoxy)met...	7.892	93	41269	4.172	ng	99
29) 2,4-Dichlorophenol	8.010	162	25697	3.930	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	30840	4.138	ng	97
31) Naphthalene	8.169	128	92326	4.316	ng	99
32) Benzoic acid	7.892	122	9483m	2.677	ng	
33) 4-Chloroaniline	8.222	127	36612	4.416	ng	# 93
34) Hexachlorobutadiene	8.281	225	19051	3.833	ng	96
35) Caprolactam	8.569	113	7535	3.858	ng	# 69
36) 4-Chloro-3-methylphenol	8.704	107	27076	3.821	ng	90
37) 2-Methylnaphthalene	8.863	142	61242	4.382	ng	100
38) 1-Methylnaphthalene	8.963	142	58527	4.356	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	31250	4.210	ng	# 92
41) Hexachlorocyclopentadiene	9.010	237	5073	1.945	ng	90
43) 2,4,6-Trichlorophenol	9.145	196	17322	3.698	ng	90

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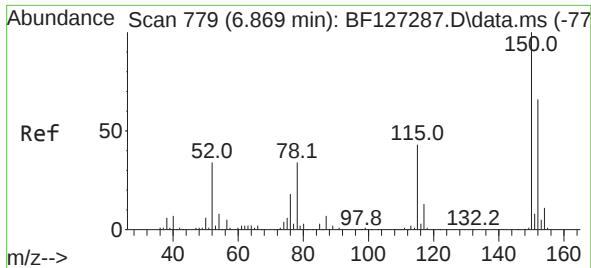
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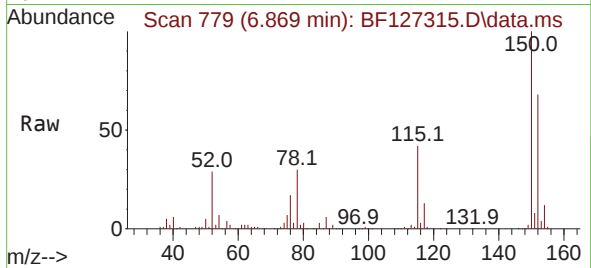
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	16197	3.258	ng	# 87
46) 1,1'-Biphenyl	9.328	154	80742	4.563	ng	97
47) 2-Chloronaphthalene	9.351	162	58540	4.250	ng	99
48) 2-Nitroaniline	9.451	65	19955	3.765	ng	94
49) Acenaphthylene	9.769	152	96435	4.575	ng	98
50) Dimethylphthalate	9.622	163	68456	4.075	ng	# 98
51) 2,6-Dinitrotoluene	9.692	165	13920	4.096	ng	96
52) Acenaphthene	9.939	154	53476	4.256	ng	91
53) 3-Nitroaniline	9.863	138	14555	3.930	ng	# 93
54) 2,4-Dinitrophenol	9.986	184	2540	1.517	ng	# 85
55) Dibenzofuran	10.110	168	83938	4.300	ng	98
56) 4-Nitrophenol	10.039	139	6208	2.758	ng	87
57) 2,4-Dinitrotoluene	10.098	165	17642	3.946	ng	# 92
58) Fluorene	10.457	166	65612	4.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	15698	3.799	ng	# 76
60) Diethylphthalate	10.322	149	63150	4.121	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	33747	4.114	ng	89
62) 4-Nitroaniline	10.475	138	13925	3.773	ng	# 83
63) Azobenzene	10.610	77	71284	4.047	ng	91
65) 4,6-Dinitro-2-methylph...	10.510	198	6848	2.607	ng	92
66) n-Nitrosodiphenylamine	10.569	169	55628	4.204	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	20677	4.026	ng	93
68) Hexachlorobenzene	11.004	284	22101	3.948	ng	# 87
69) Atrazine	11.086	200	19986	4.377	ng	91
70) Pentachlorophenol	11.210	266	4911m	2.173	ng	
71) Phenanthrene	11.422	178	96949	4.310	ng	97
72) Anthracene	11.475	178	96449	4.330	ng	98
73) Carbazole	11.633	167	86258	4.112	ng	99
74) Di-n-butylphthalate	11.951	149	97298	3.966	ng	100
75) Fluoranthene	12.616	202	107955	4.293	ng	92
77) Benzidine	12.739	184	43344	4.852	ng	97
78) Pyrene	12.845	202	110577	4.041	ng	99
80) Butylbenzylphthalate	13.457	149	38718	3.677	ng	# 84
81) Benzo(a)anthracene	14.033	228	96594	4.084	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	29817	4.054	ng	# 96
83) Chrysene	14.069	228	90836	4.129	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	54667	3.856	ng	# 99
85) Di-n-octyl phthalate	14.621	149	82434	3.842	ng	95
87) Indeno(1,2,3-cd)pyrene	17.033	276	60397	3.490	ng	# 87
88) Benzo(b)fluoranthene	15.092	252	76220	4.043	ng	# 90
89) Benzo(k)fluoranthene	15.121	252	78815	4.446	ng	# 93
90) Benzo(a)pyrene	15.468	252	69320	4.669	ng	# 92
91) Dibenzo(a,h)anthracene	17.045	278	52217	3.626	ng	# 91
92) Benzo(g,h,i)perylene	17.486	276	50810	3.617	ng	# 87

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127315.D
 Acq: 14 Mar 2022 12:32

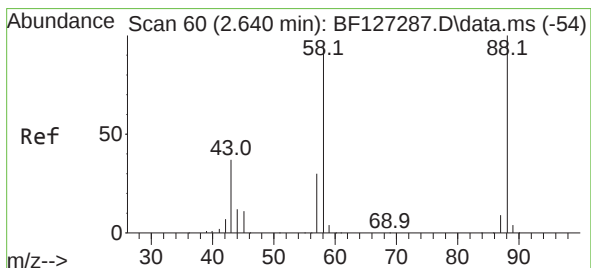
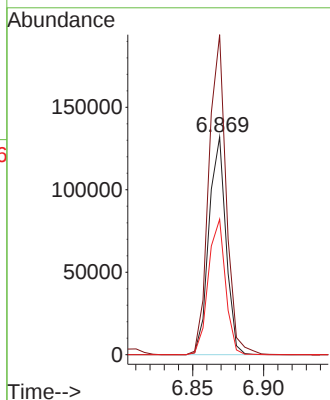
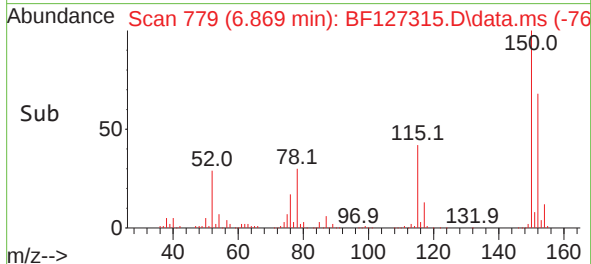
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2022



Tgt Ion:152 Resp: 109750
 Ion Ratio Lower Upper
 152 100
 150 147.0 128.1 192.1
 115 62.2 56.7 85.1

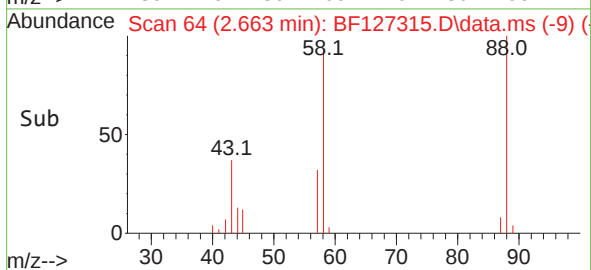
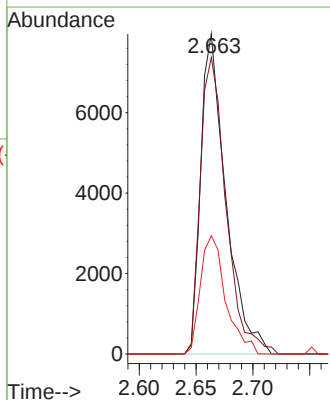
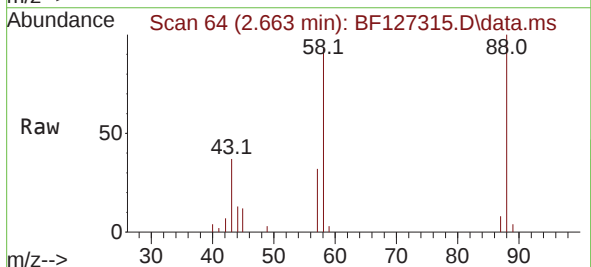
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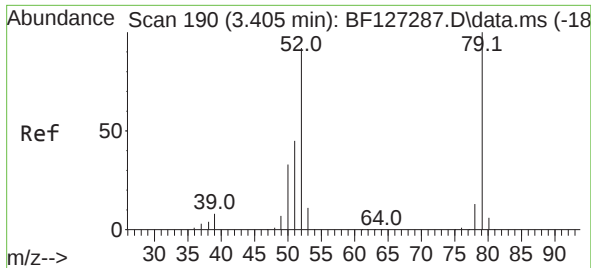
Reviewed By :Christian Giraldo 03/15/2022
 Supervised By :Jagrut Upadhyay 03/15/2022



#2
 1,4-Dioxane
 Concen: 3.455 ng
 RT: 2.663 min Scan# 64
 Delta R.T. 0.024 min
 Lab File: BF127315.D
 Acq: 14 Mar 2022 12:32

Tgt Ion: 88 Resp: 12231
 Ion Ratio Lower Upper
 88 100
 58 95.0 62.8 94.2#
 43 37.2 22.3 33.5#





#3

Pyridine

Concen: 3.075 ng

RT: 3.546 min Scan# 214

Delta R.T. 0.141 min

Lab File: BF127315.D

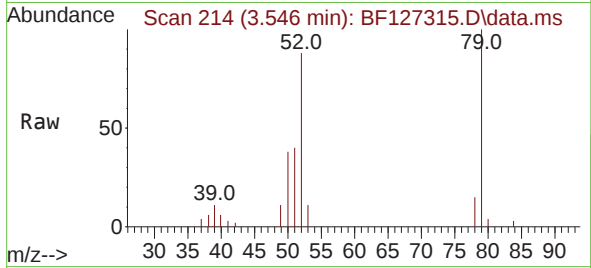
Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2022



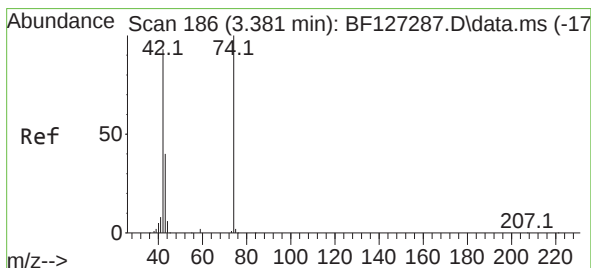
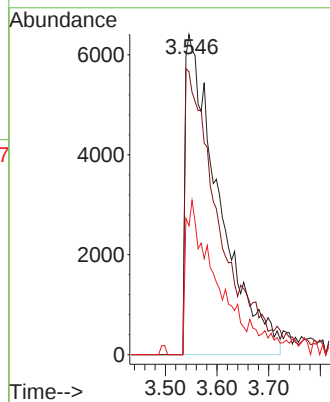
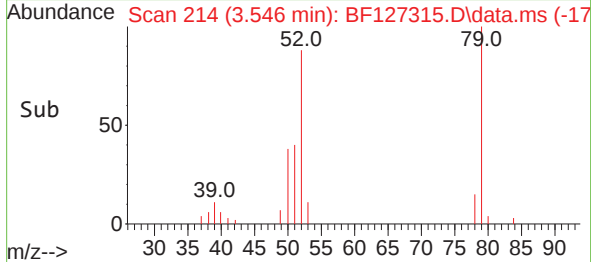
Tgt Ion: 79	Resp: 2896
Ion Ratio	Lower Upper
79 100	
52 88.4	56.2 84.4
51 40.3	26.7 40.1

Manual Integrations

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#4

n-Nitrosodimethylamine

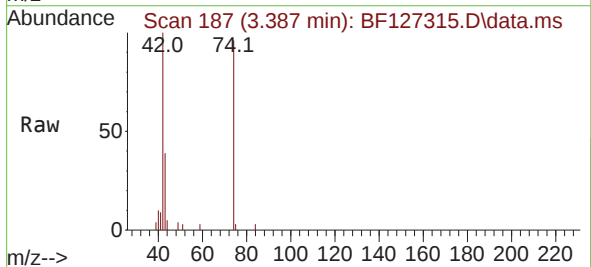
Concen: 3.435 ng m

RT: 3.387 min Scan# 187

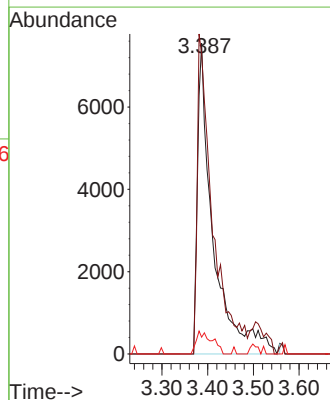
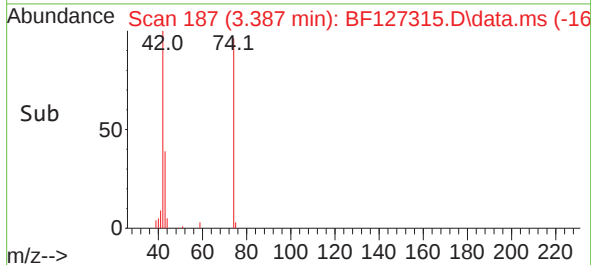
Delta R.T. 0.006 min

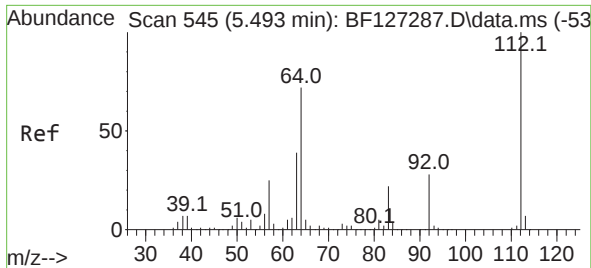
Lab File: BF127315.D

Acq: 14 Mar 2022 12:32



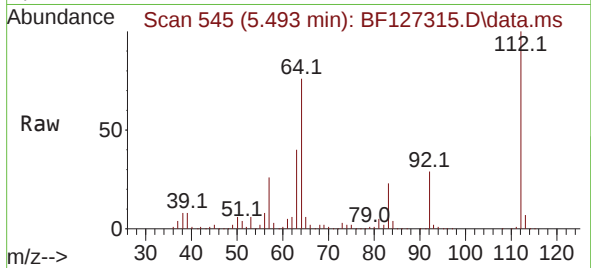
Tgt Ion: 42	Resp: 17926
Ion Ratio	Lower Upper
42 100	
74 96.5	125.6 188.4
44 5.4	5.7 8.5





#5
2-Fluorophenol
Concen: 136.230 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

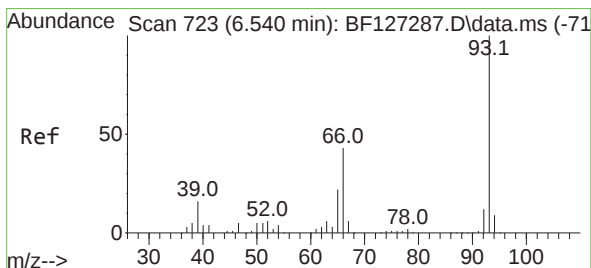
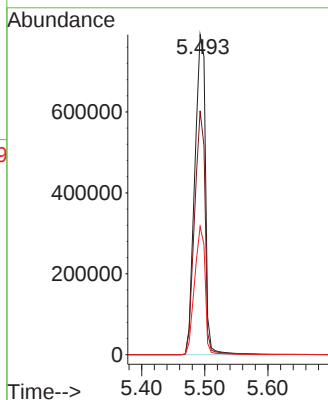
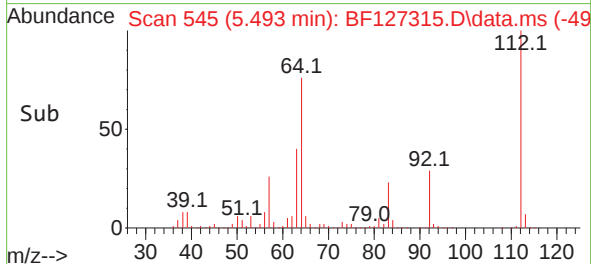
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:112 Resp: 930058
Ion Ratio Lower Upper
112 100
64 76.2 49.5 74.3
63 40.0 23.9 35.9

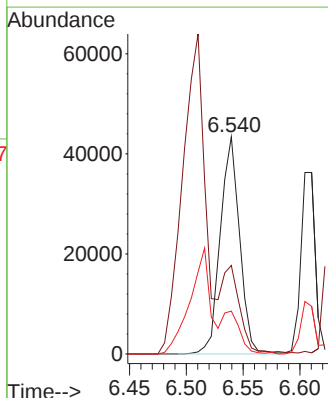
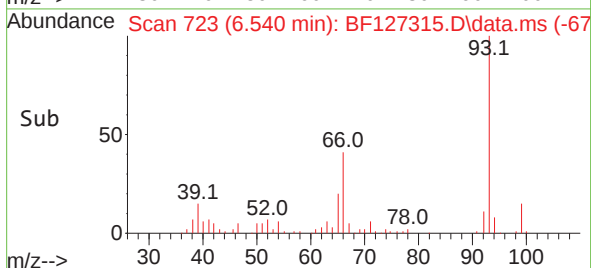
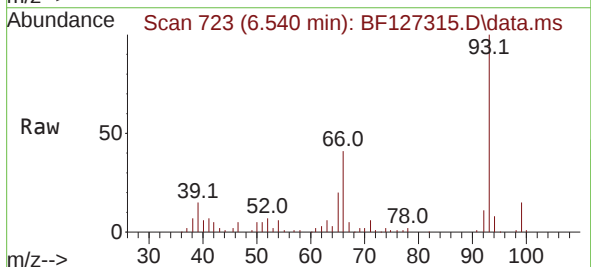
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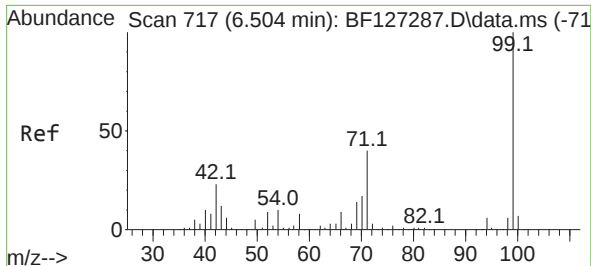
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#6
Aniline
Concen: 4.587 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

Tgt Ion: 93 Resp: 51489
Ion Ratio Lower Upper
93 100
66 40.8 32.2 48.4
65 19.8 16.3 24.5





#7

Phenol-d6

Concen: 140.003 ng

RT: 6.510 min Scan# 717

Delta R.T. 0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 99 Resp: 131487

Ion Ratio Lower Upper

99 100

42 22.2 14.2 21.4

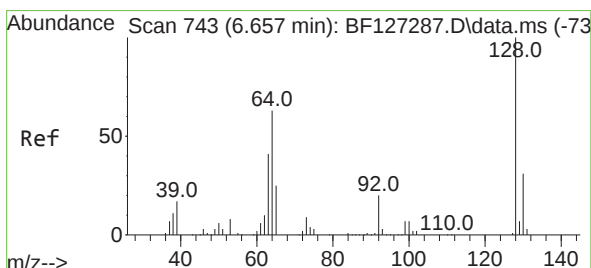
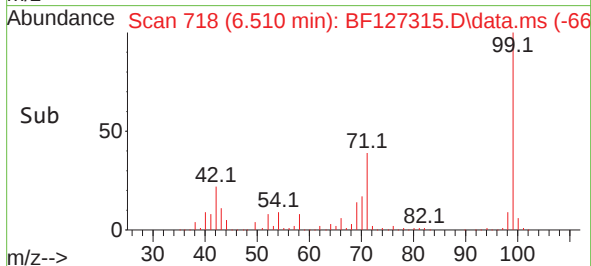
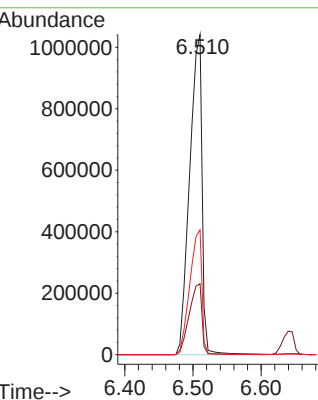
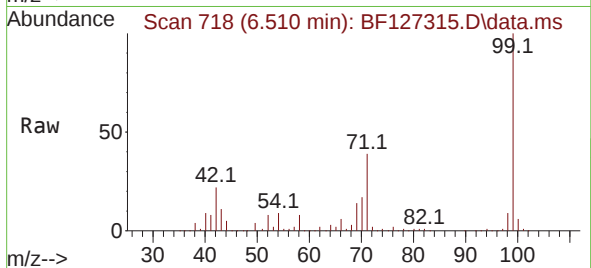
71 39.0 24.3 36.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 4.159 ng

RT: 6.657 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

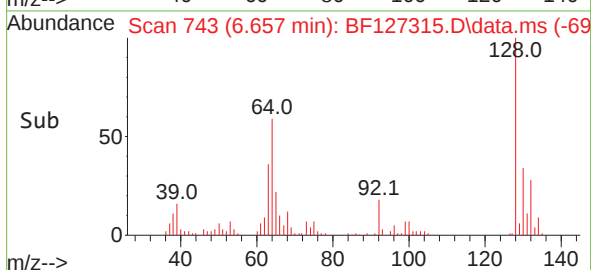
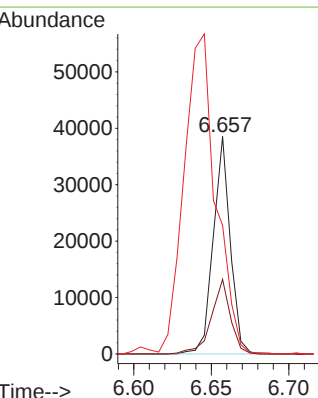
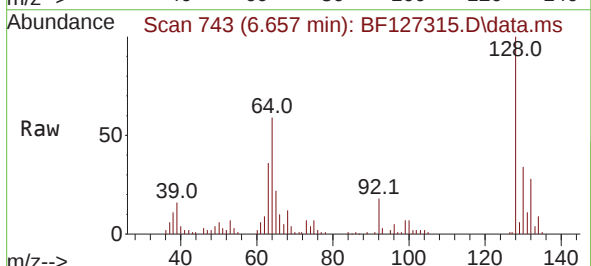
Tgt Ion:128 Resp: 29372

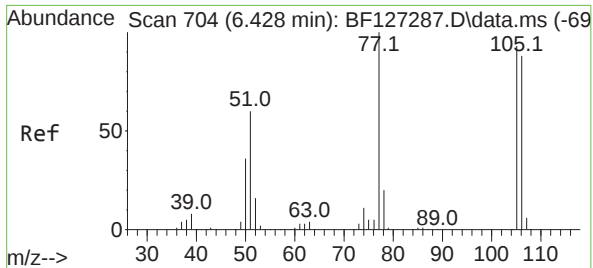
Ion Ratio Lower Upper

128 100

130 34.3 12.7 52.7

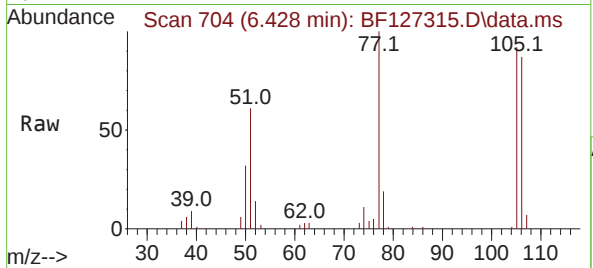
64 59.1 35.6 75.6





#9
Benzaldehyde
Concen: 5.189 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

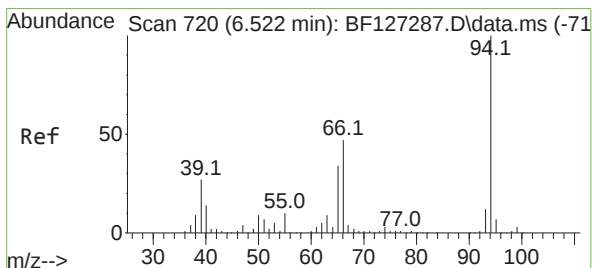
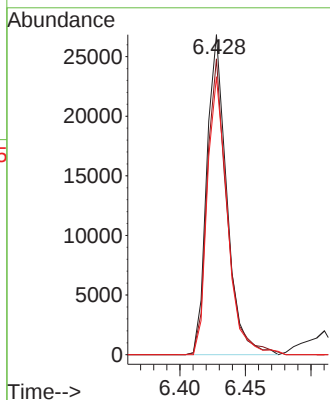
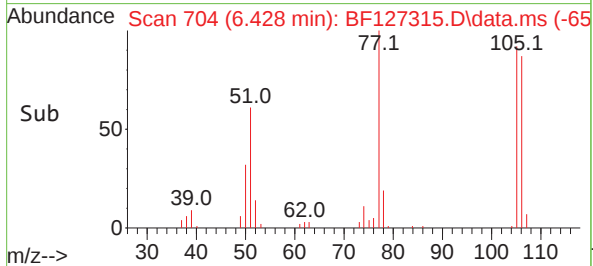
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2022



Tgt Ion: 77 Resp: 28409
Ion Ratio Lower Upper
77 100
105 92.5 74.9 114.9
106 86.9 72.4 112.4

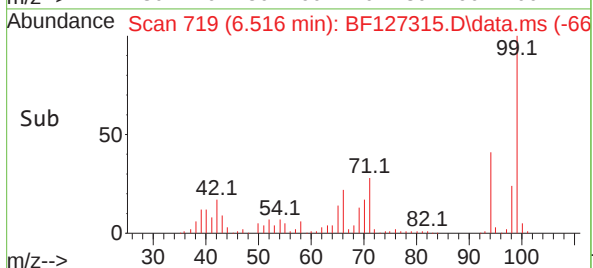
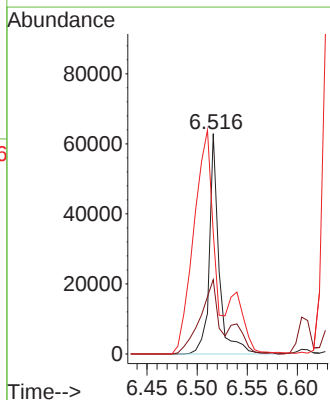
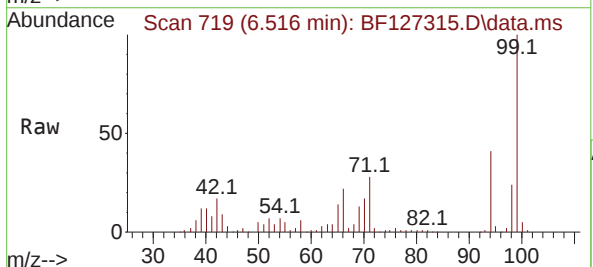
Manual Integrations
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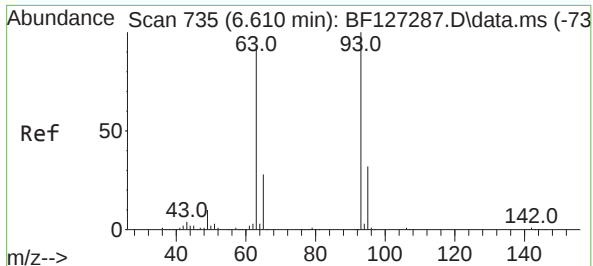
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#10
Phenol
Concen: 4.128 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

Tgt Ion: 94 Resp: 42584
Ion Ratio Lower Upper
94 100
65 33.7 7.2 47.2
66 55.2 14.5 54.5#





#11

bis(2-Chloroethyl)ether

Concen: 4.214 ng

RT: 6.604 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

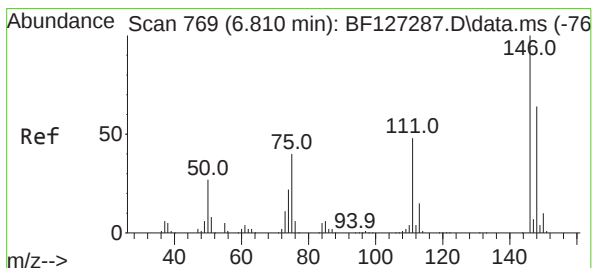
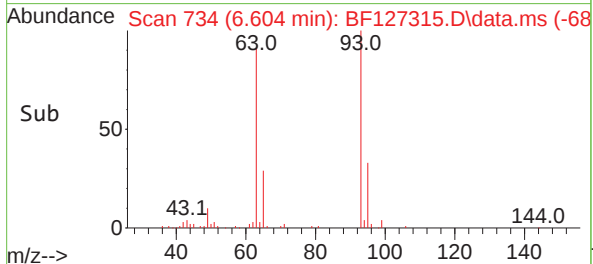
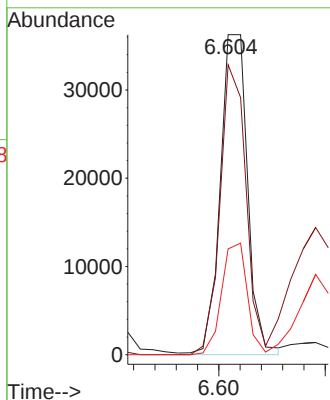
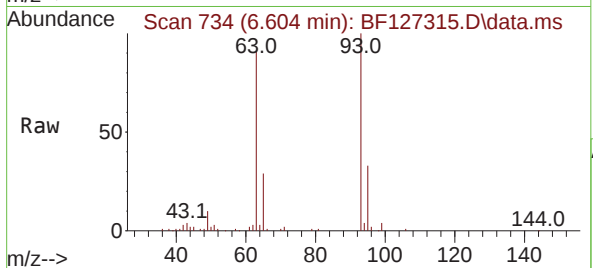
ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 93	Resp: 3228	
Ion Ratio	Lower	Upper
93	100	
63	90.6	60.5 100.5
95	33.1	12.9 52.9

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Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#12

1,3-Dichlorobenzene

Concen: 4.198 ng

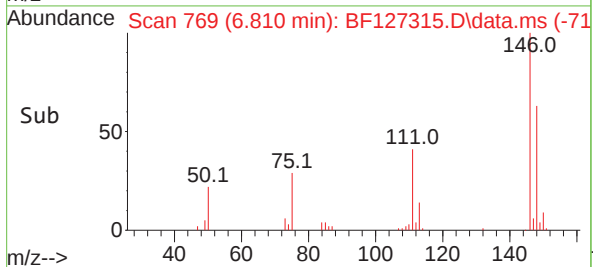
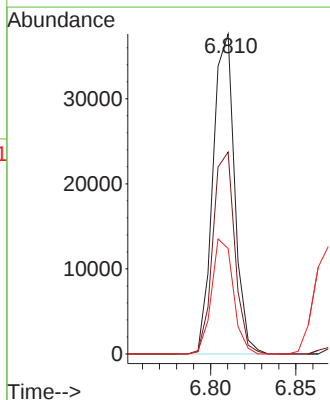
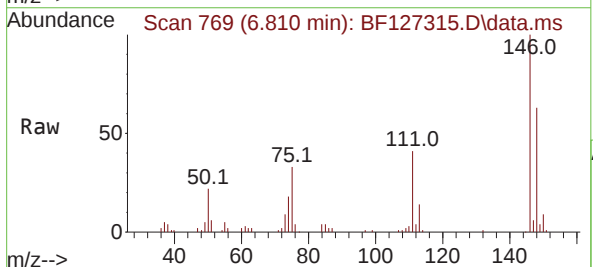
RT: 6.810 min Scan# 769

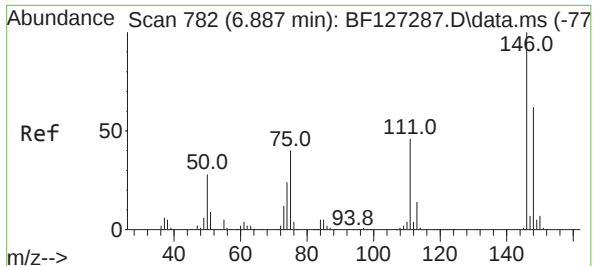
Delta R.T. -0.000 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

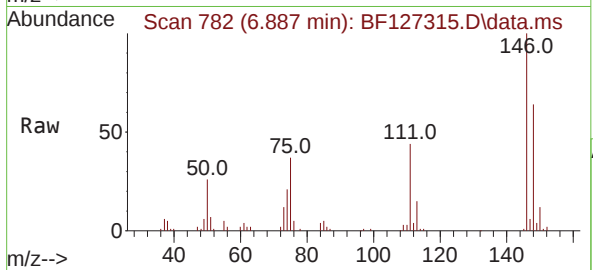
Tgt	Ion:146	Resp:	33278
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
75	32.9	28.4	42.6





#13
1,4-Dichlorobenzene
Concen: 4.124 ng
RT: 6.887 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

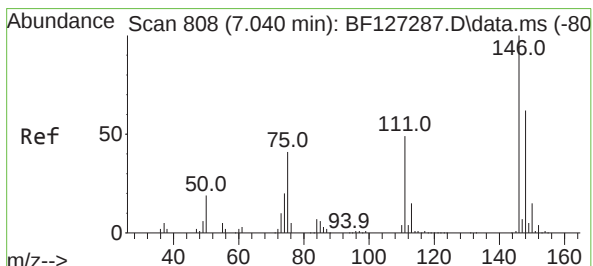
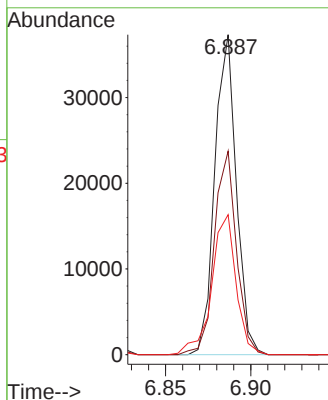
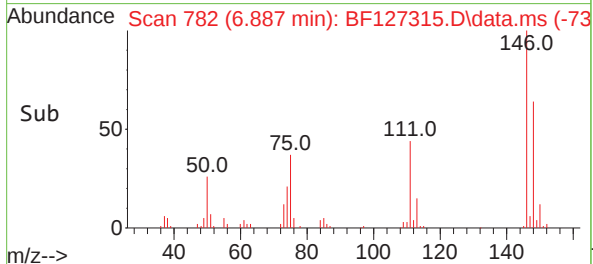
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



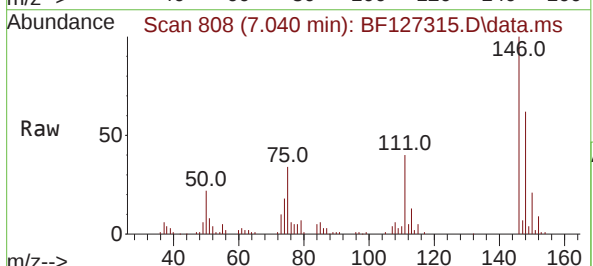
Tgt Ion:146 Resp: 3279
Ion Ratio Lower Upper
146 100
148 63.6 49.8 74.6
111 43.8 36.1 54.1

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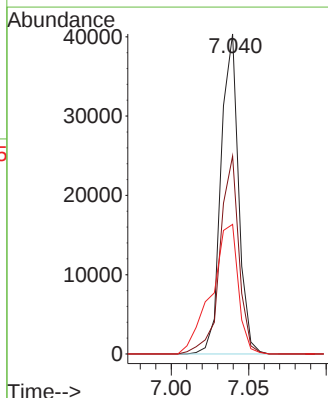
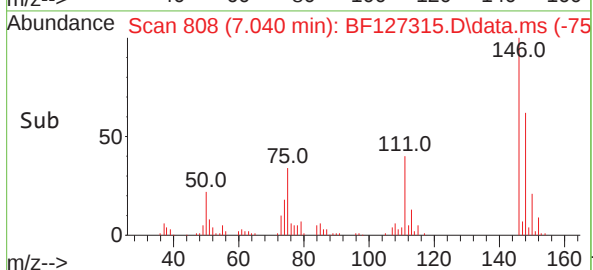
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

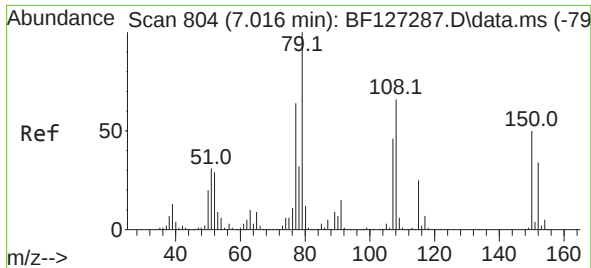


#14
1,2-Dichlorobenzene
Concen: 4.242 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



Tgt Ion:146 Resp: 31755
Ion Ratio Lower Upper
146 100
148 61.8 51.6 77.4
111 40.5 40.2 60.2





#15

Benzyl Alcohol

Concen: 4.322 ng

RT: 7.016 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

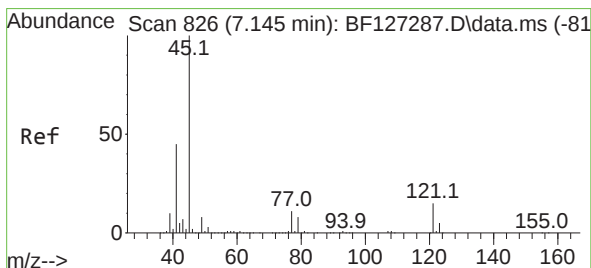
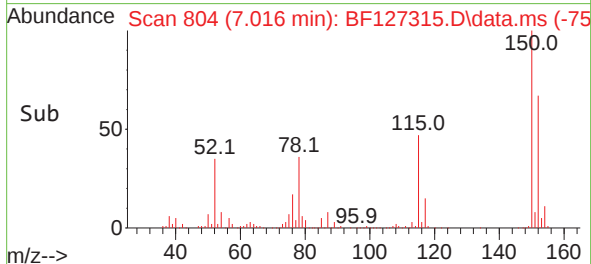
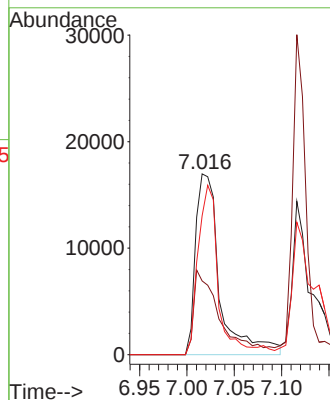
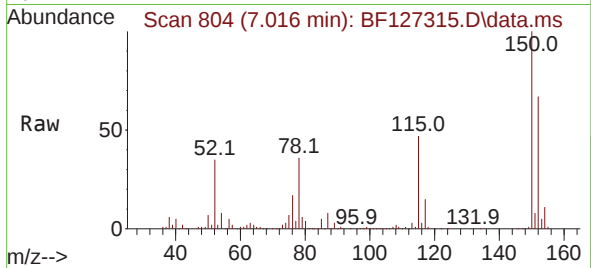
MDL-WATER-03-QT1-2022

Tgt Ion: 79 Resp: 3042
 Ion Ratio Lower Upper
 79 100
 108 40.8 63.2 94.8
 77 76.8 49.4 74.2

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Reviewed By :Christian Giraldo 03/15/2022
 Supervised By :Jagrut Upadhyay 03/15/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.132 ng

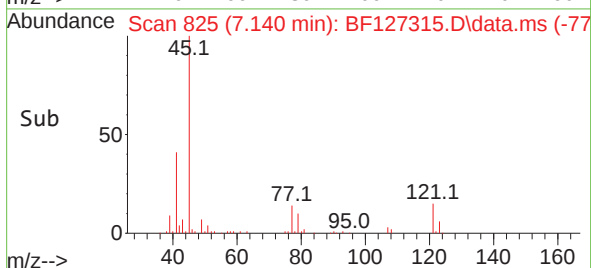
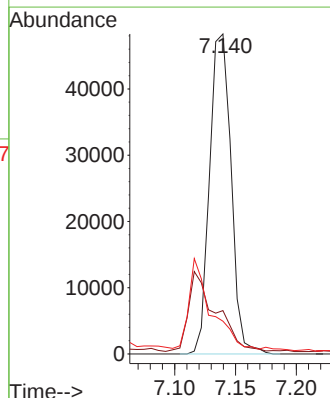
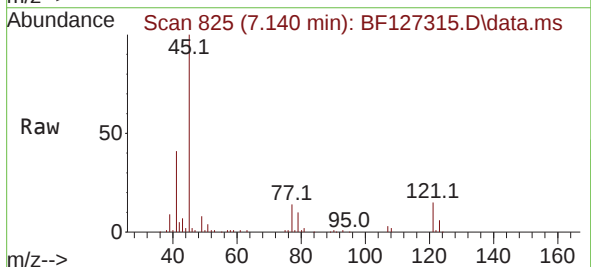
RT: 7.140 min Scan# 825

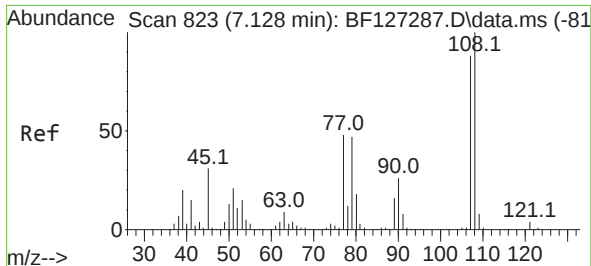
Delta R.T. -0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

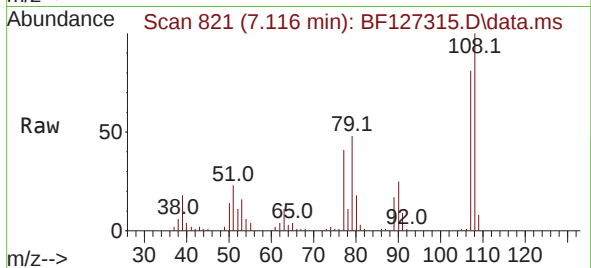
Tgt Ion: 45 Resp: 59406
 Ion Ratio Lower Upper
 45 100
 77 13.5 0.0 32.4
 79 10.2 0.0 29.8





#17
2-Methylphenol
Concen: 3.886 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

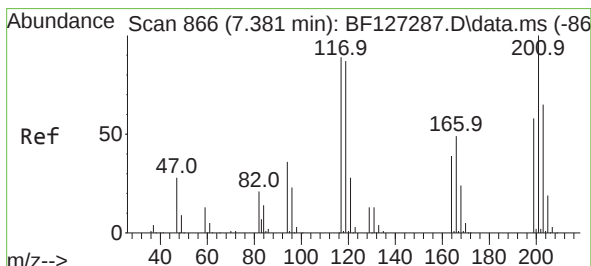
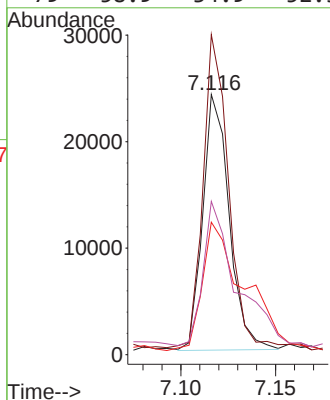
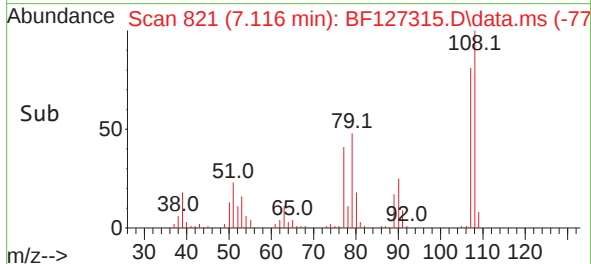
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:107 Resp: 23334
Ion Ratio Lower Upper
107 100
108 123.0 93.4 140.0
77 51.0 36.1 54.1
79 58.9 34.9 52.3#

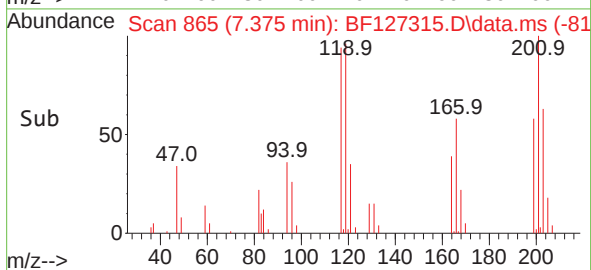
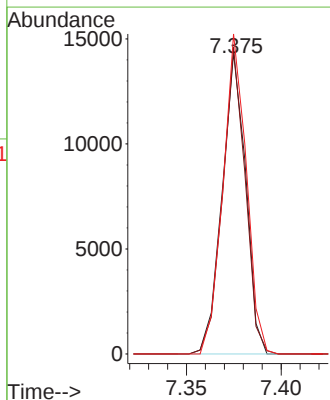
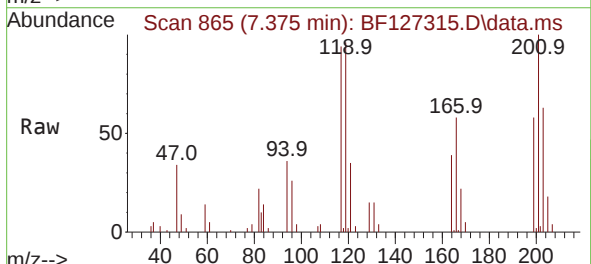
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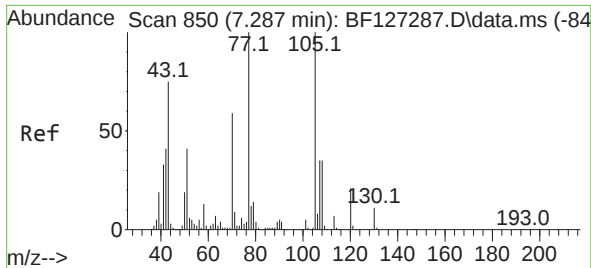
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#18
Hexachloroethane
Concen: 4.055 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

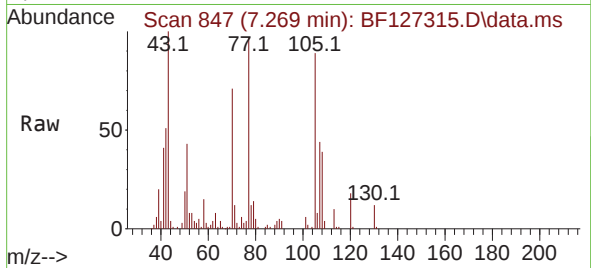
Tgt Ion:117 Resp: 12389
Ion Ratio Lower Upper
117 100
119 101.9 75.4 113.0
201 109.3 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 4.371 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.018 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

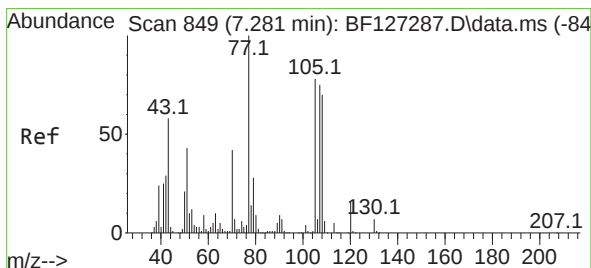
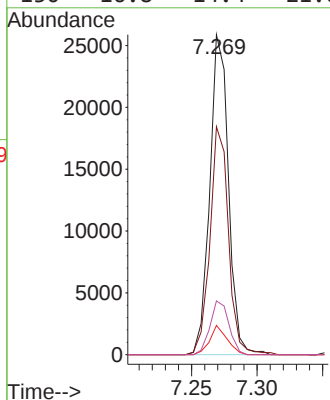
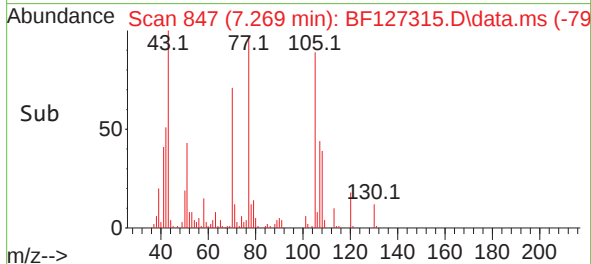
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2022



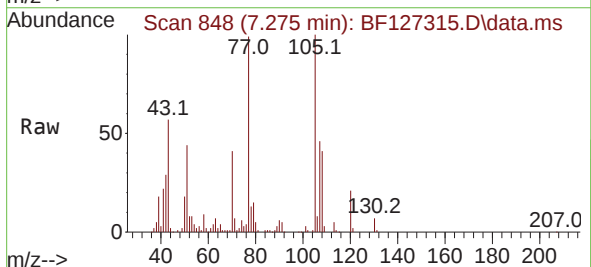
Tgt Ion: 70 Resp: 25618
Ion Ratio Lower Upper
70 100
42 71.3 45.8 68.8
101 9.1 6.9 10.3
130 16.8 14.4 21.6

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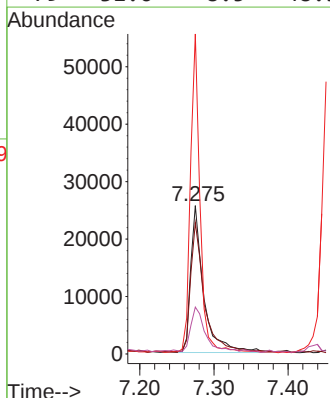
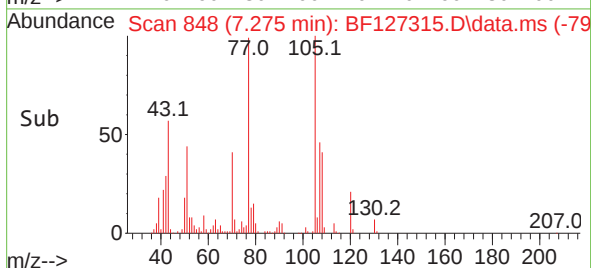
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

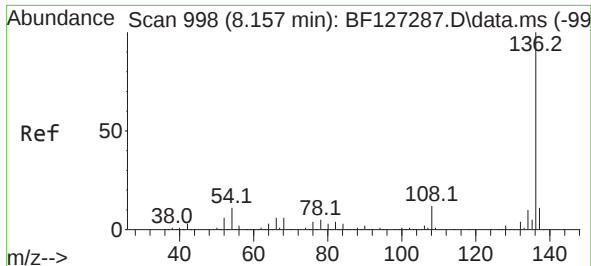


#20
3+4-Methylphenols
Concen: 4.088 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



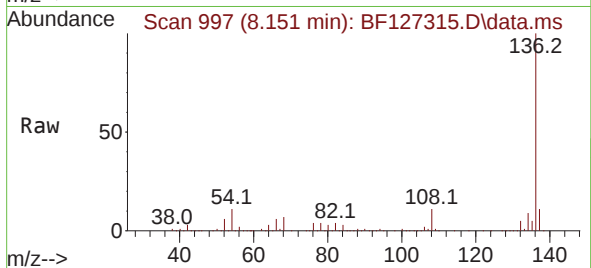
Tgt Ion:107 Resp: 31834
Ion Ratio Lower Upper
107 100
108 88.5 72.4 112.4
77 215.8 83.8 123.8
79 31.6 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022

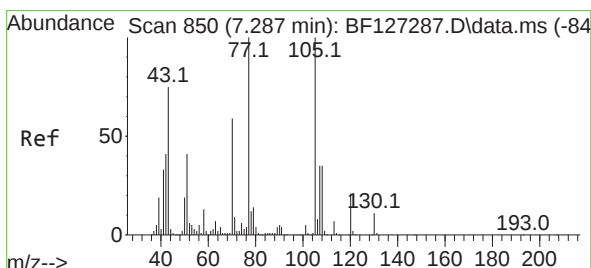
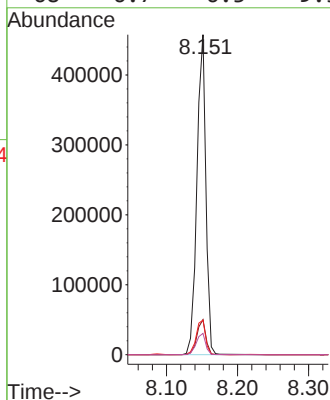
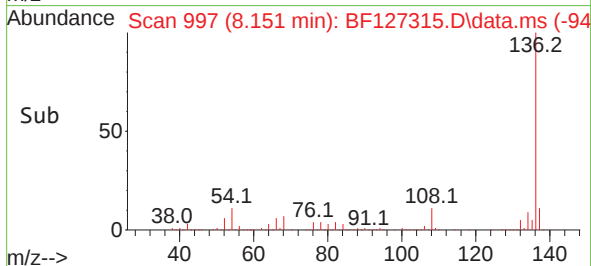


Tgt Ion:136 Resp: 40096

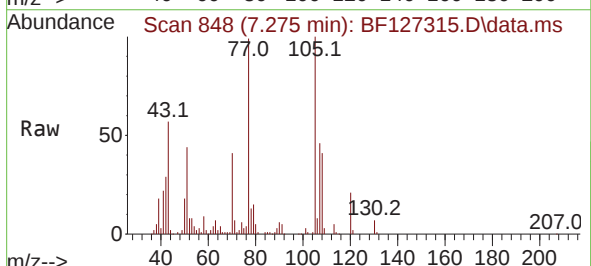
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.8	7.8	11.6
68	6.7	6.3	9.5

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Supervised By :Jagrut Upadhyay 03/15/2022

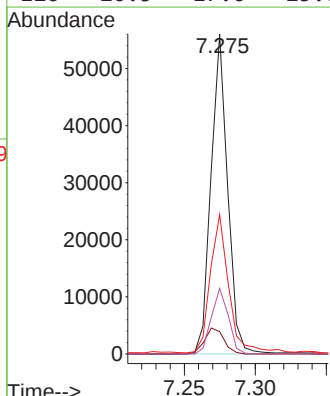
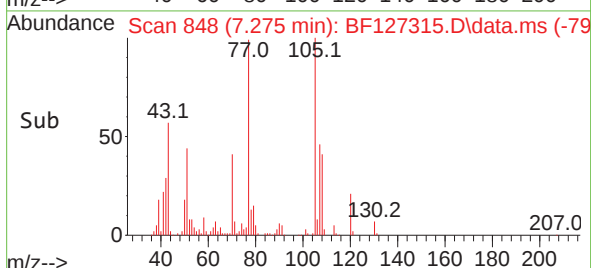


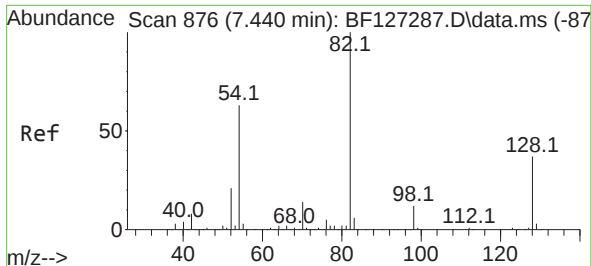
#22
Acetophenone
Concen: 4.144 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



Tgt Ion:105 Resp: 45498

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.4	8.0
51	43.6	27.4	41.0
120	20.5	17.0	25.6





#23

Nitrobenzene-d5

Concen: 78.507 ng

RT: 7.434 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127315.D

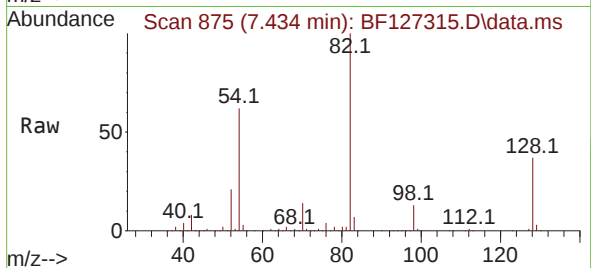
Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion: 82 Resp: 762229

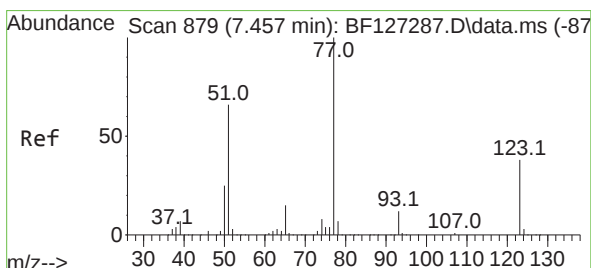
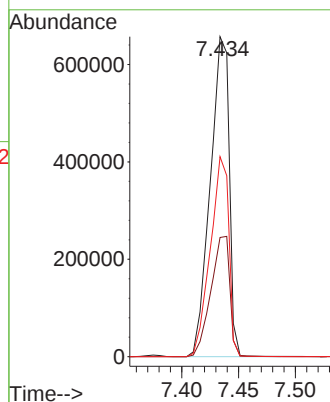
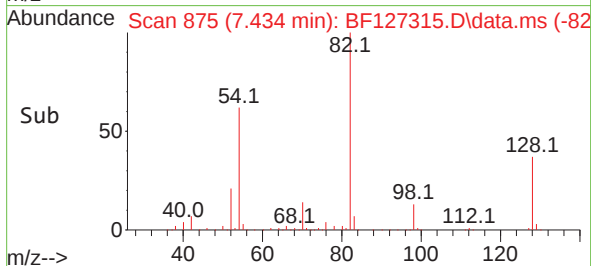
Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.7	49.1
54	62.5	41.7	62.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#24

Nitrobenzene

Concen: 4.440 ng

RT: 7.451 min Scan# 878

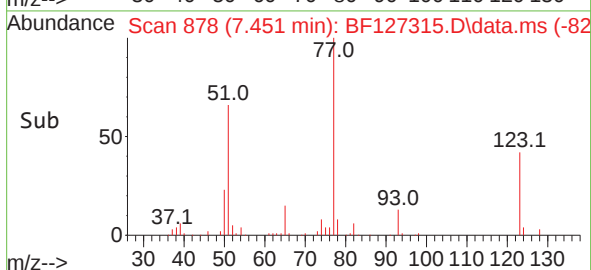
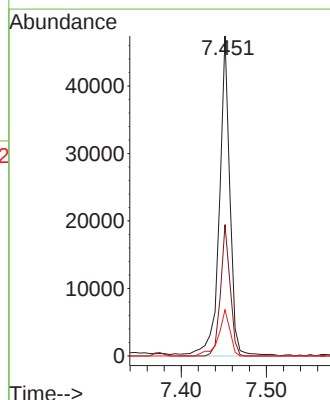
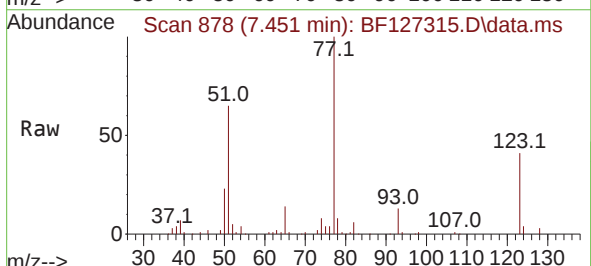
Delta R.T. -0.006 min

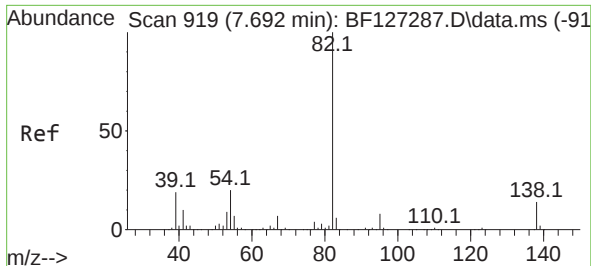
Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

Tgt Ion: 77 Resp: 40775

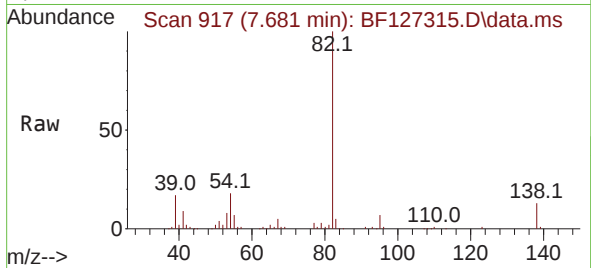
Ion	Ratio	Lower	Upper
77	100		
123	41.0	34.6	52.0
65	14.4	10.6	15.8





#25
Isophorone
Concen: 4.424 ng
RT: 7.681 min Scan# 917
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

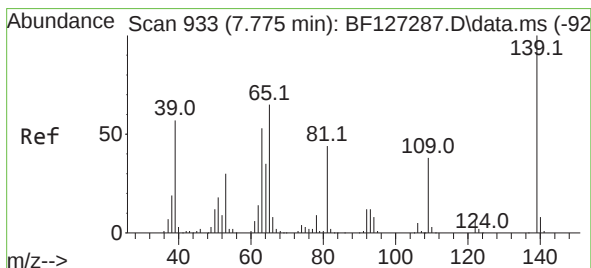
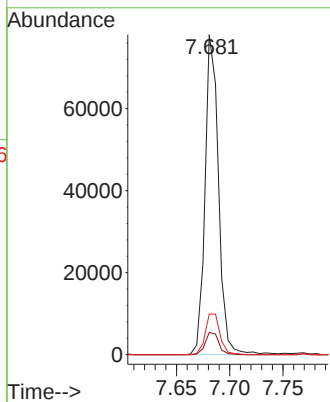
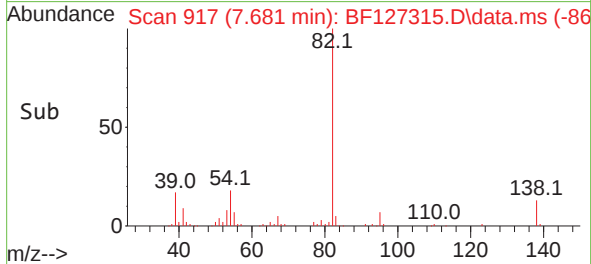
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2022



Tgt Ion: 82 Resp: 69070
Ion Ratio Lower Upper
82 100
95 6.9 5.0 7.4
138 12.7 12.3 18.5

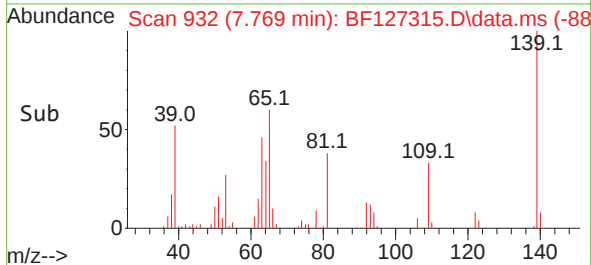
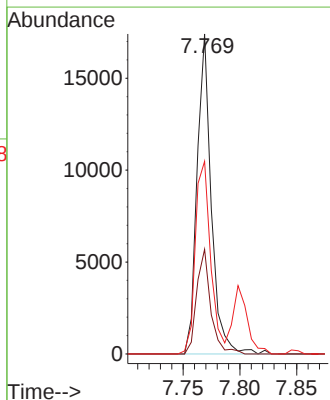
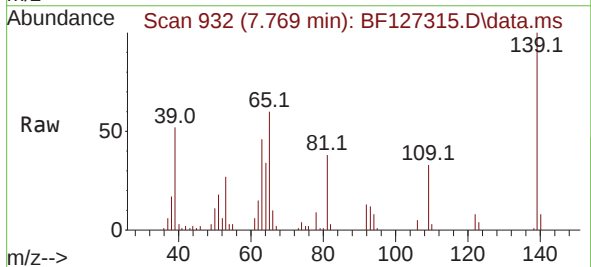
Manual Integrations
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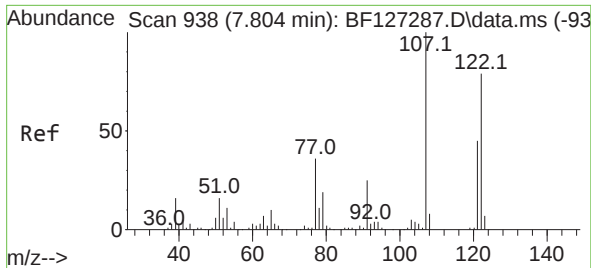
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#26
2-Nitrophenol
Concen: 3.995 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

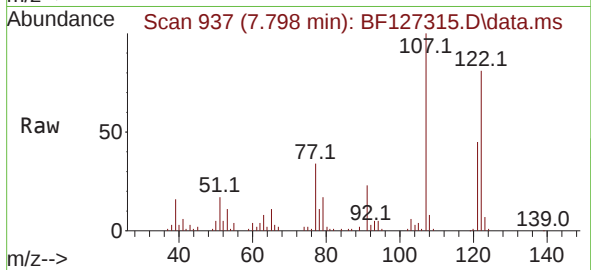
Tgt Ion:139 Resp: 15193
Ion Ratio Lower Upper
139 100
109 32.7 20.0 30.0#
65 60.2 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 4.521 ng
RT: 7.798 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

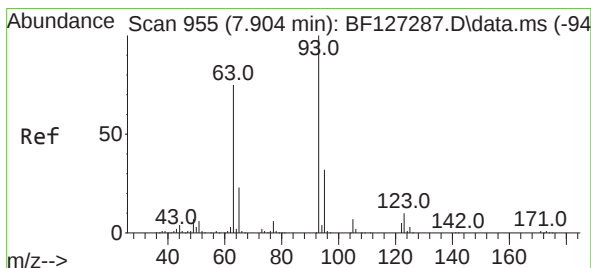
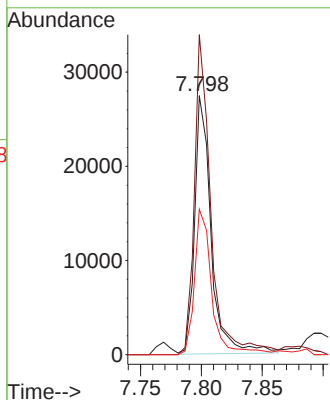
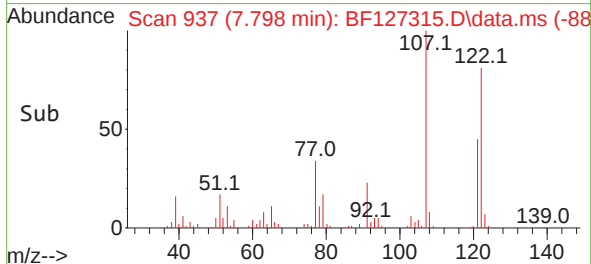
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:122 Resp: 25810
Ion Ratio Lower Upper
122 100
107 123.6 91.2 136.8
121 56.2 44.4 66.6

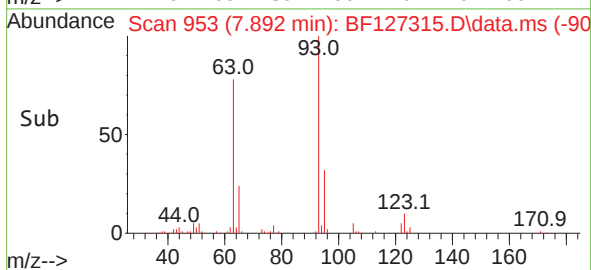
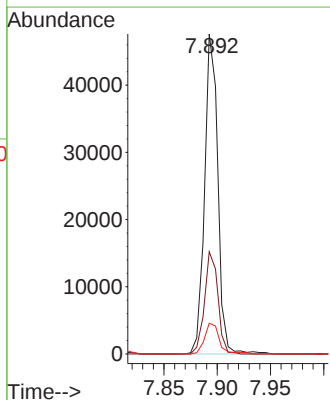
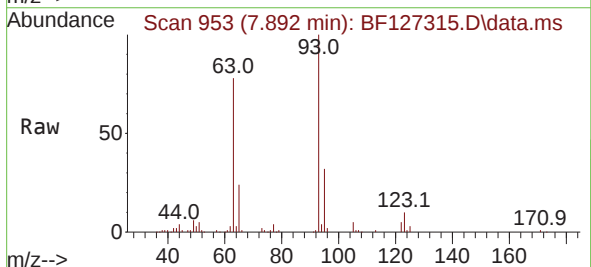
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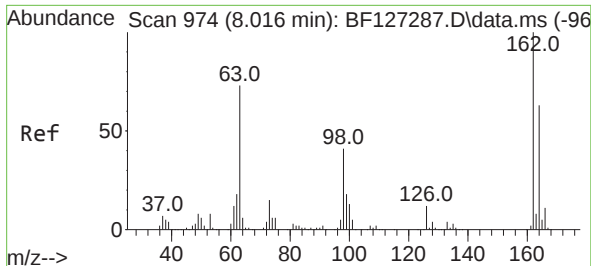
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#28
bis(2-Chloroethoxy)methane
Concen: 4.172 ng
RT: 7.892 min Scan# 953
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

Tgt Ion: 93 Resp: 41269
Ion Ratio Lower Upper
93 100
95 32.0 25.4 38.2
123 9.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 3.930 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127315.D

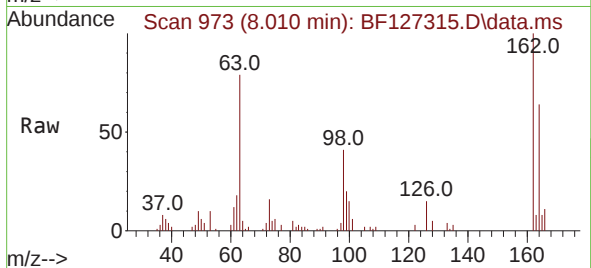
Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

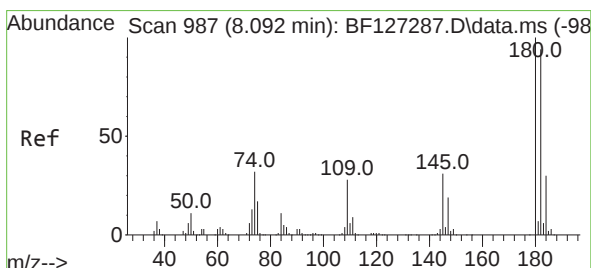
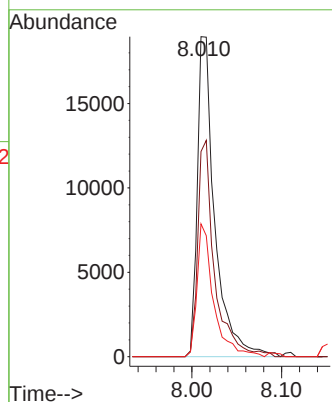
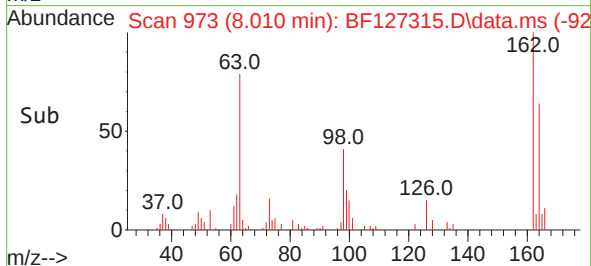
MDL-WATER-03-QT1-2022



Tgt Ion:	162	Resp:	2569
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.8	83.8
98	41.5	23.6	63.6

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Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#30

1,2,4-Trichlorobenzene

Concen: 4.138 ng

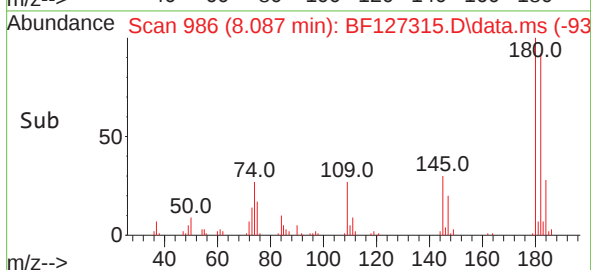
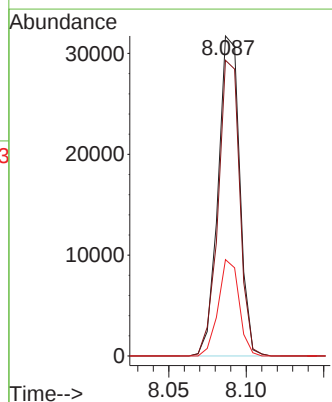
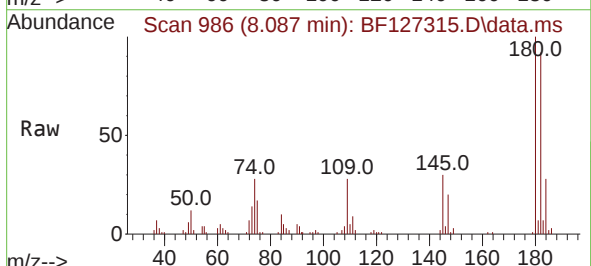
RT: 8.087 min Scan# 986

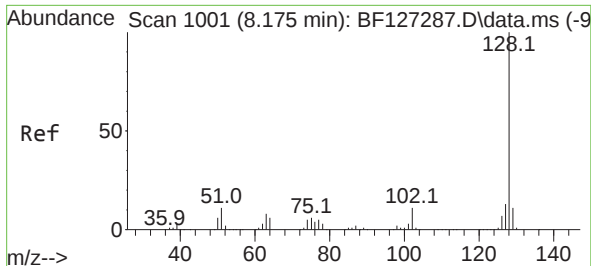
Delta R.T. -0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

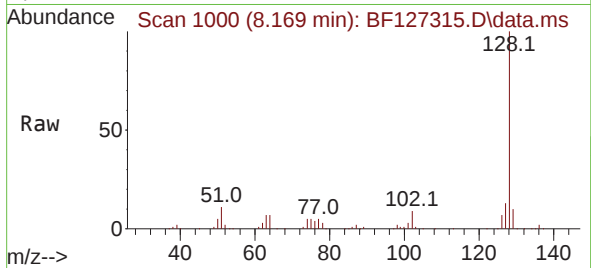
Tgt Ion:	180	Resp:	30840
Ion Ratio	Lower	Upper	
180	100		
182	92.4	75.5	113.3
145	30.1	26.2	39.2





#31
Naphthalene
Concen: 4.316 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

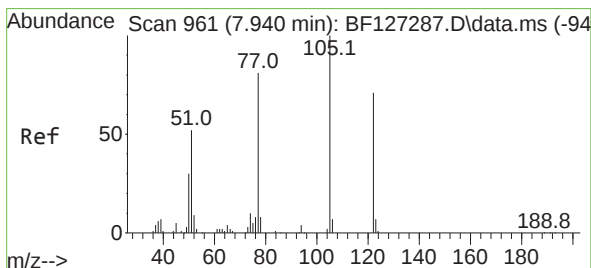
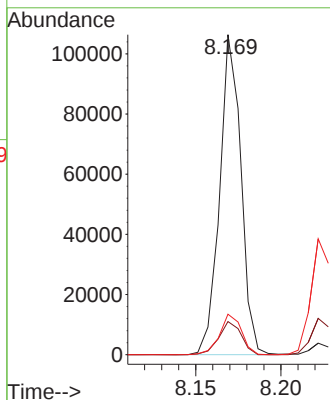
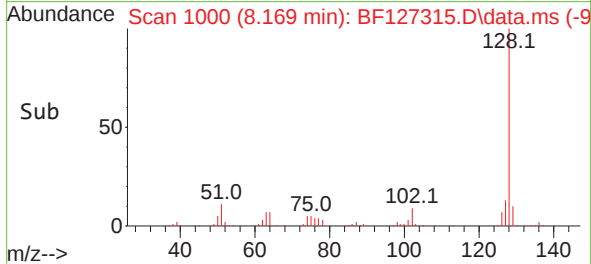
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:128 Resp: 92320
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.7 10.3 15.5

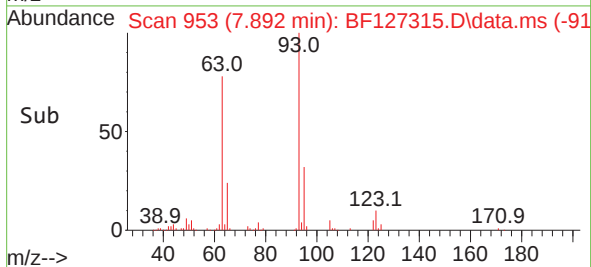
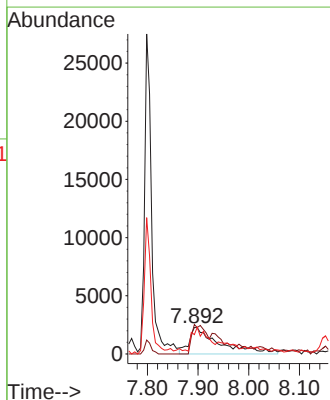
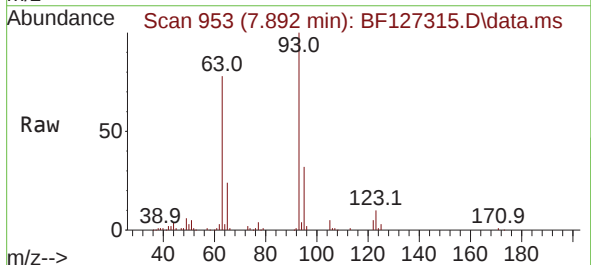
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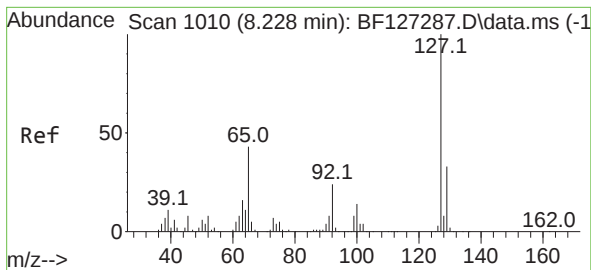
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#32
Benzoic acid
Concen: 2.677 ng m
RT: 7.892 min Scan# 953
Delta R.T. -0.048 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

Tgt Ion:122 Resp: 9483
Ion Ratio Lower Upper
122 100
105 111.1 101.0 141.0
77 73.3 74.5 114.5#





#33

4-Chloroaniline

Concen: 4.416 ng

RT: 8.222 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2022

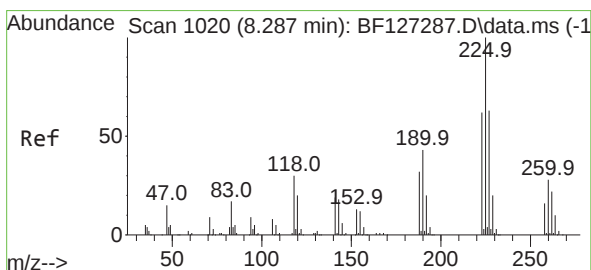
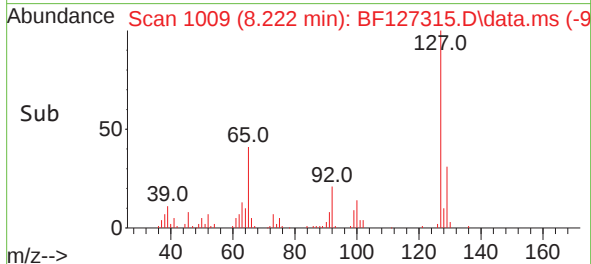
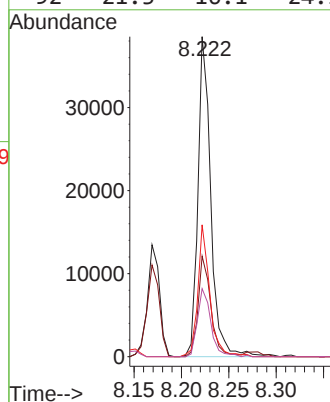
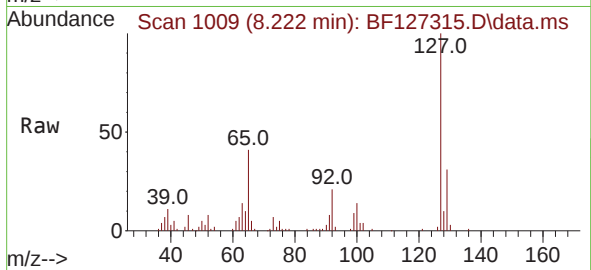
Tgt Ion:	127	Resp:	3661
Ion Ratio	Lower	Upper	
127	100		
129	31.4	26.5	39.7
65	41.2	26.6	39.8
92	21.3	16.1	24.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#34

Hexachlorobutadiene

Concen: 3.833 ng

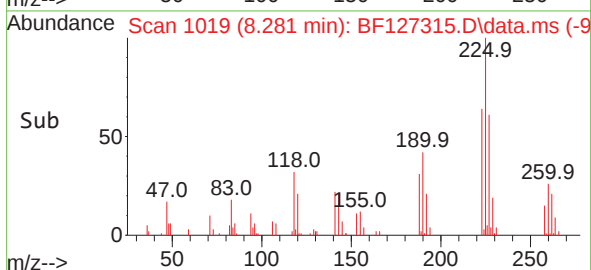
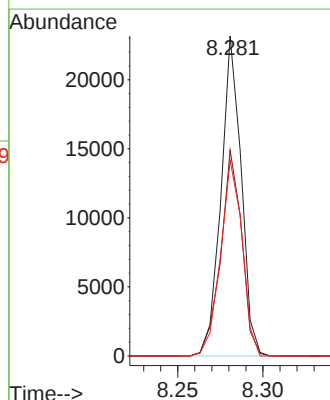
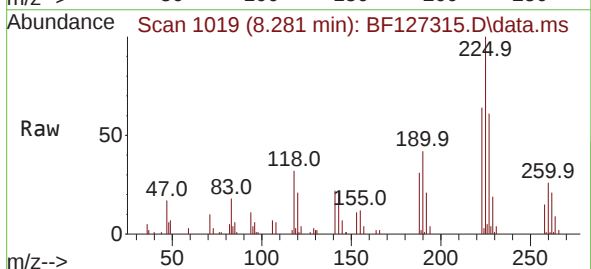
RT: 8.281 min Scan# 1019

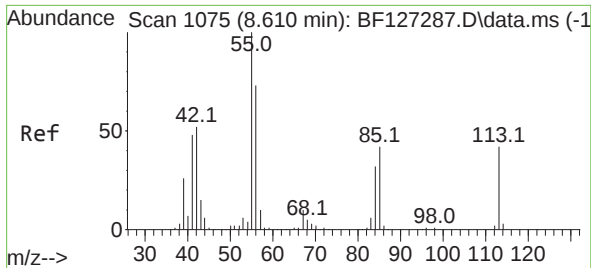
Delta R.T. -0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

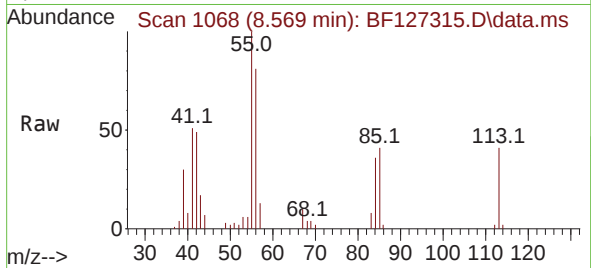
Tgt Ion:	225	Resp:	19051
Ion Ratio	Lower	Upper	
225	100		
223	64.3	48.6	73.0
227	61.1	51.4	77.0





#35
 Caprolactam
 Concen: 3.858 ng
 RT: 8.569 min Scan# 1091
 Delta R.T. -0.041 min
 Lab File: BF127315.D
 Acq: 14 Mar 2022 12:32

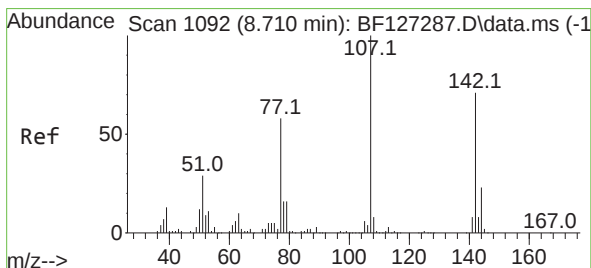
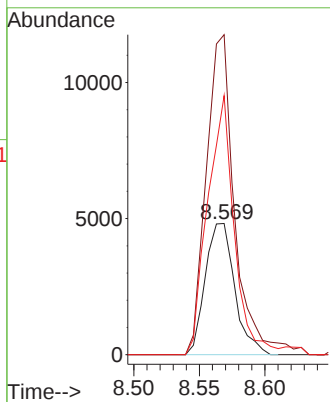
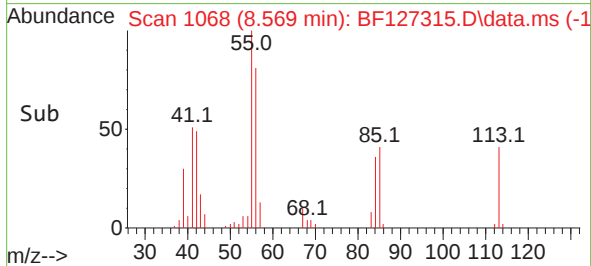
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2022



Tgt Ion:113 Resp: 7538
 Ion Ratio Lower Upper
 113 100
 55 243.8 183.9 223.9
 56 197.4 129.9 169.9

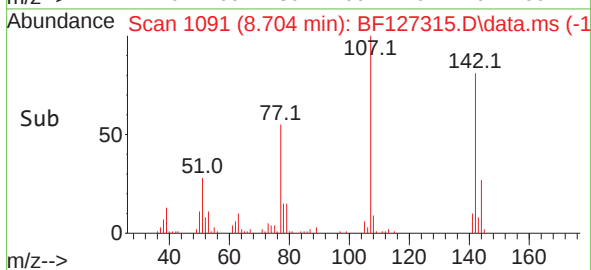
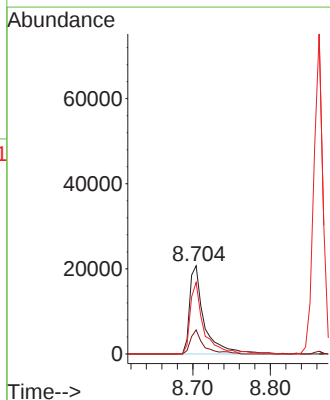
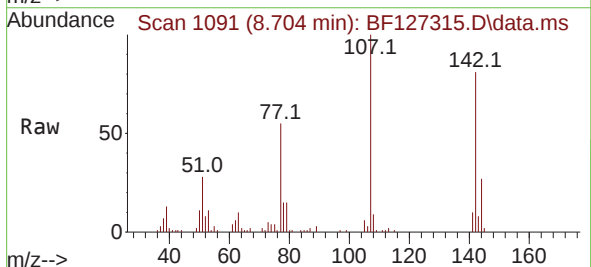
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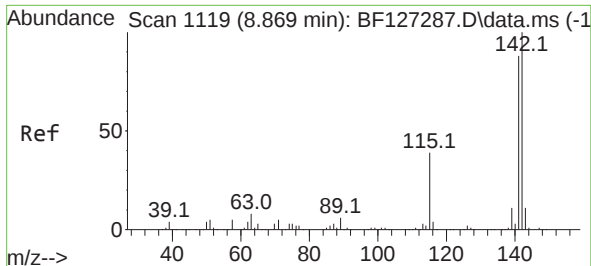
Reviewed By :Christian Giraldo 03/15/2022
 Supervised By :Jagrut Upadhyay 03/15/2022



#36
 4-Chloro-3-methylphenol
 Concen: 3.821 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF127315.D
 Acq: 14 Mar 2022 12:32

Tgt Ion:107 Resp: 27076
 Ion Ratio Lower Upper
 107 100
 144 27.3 18.5 27.7
 142 81.0 58.1 87.1





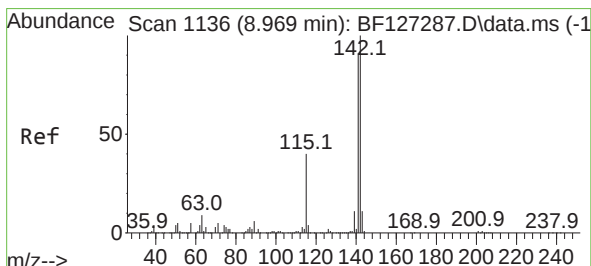
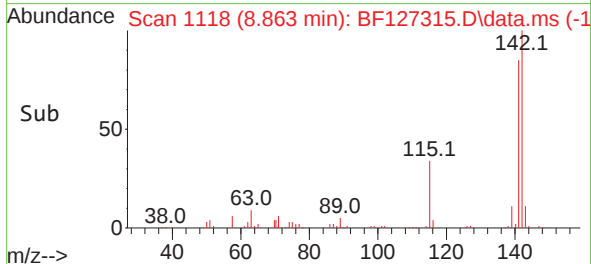
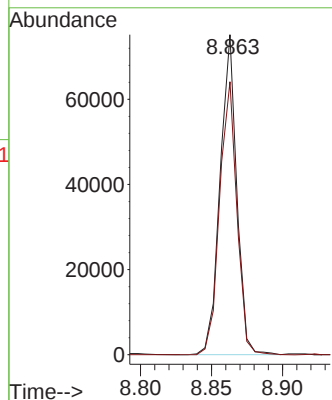
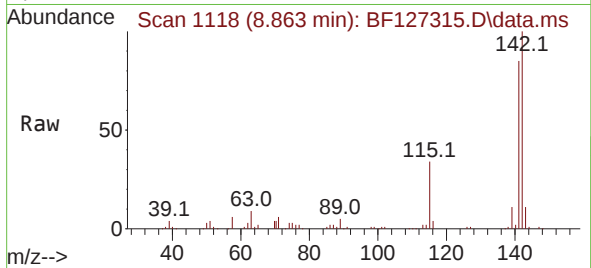
#37
2-Methylnaphthalene
Concen: 4.382 ng
RT: 8.863 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:142 Resp: 6124
Ion Ratio Lower Upper
142 100
141 85.3 68.6 102.8

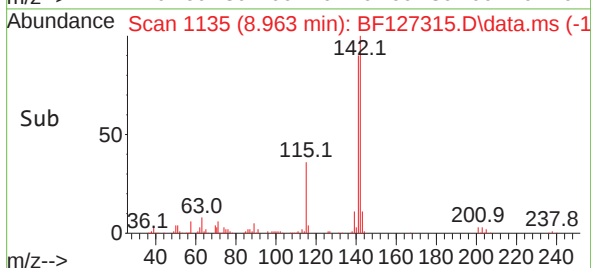
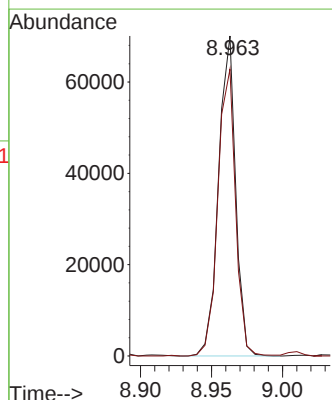
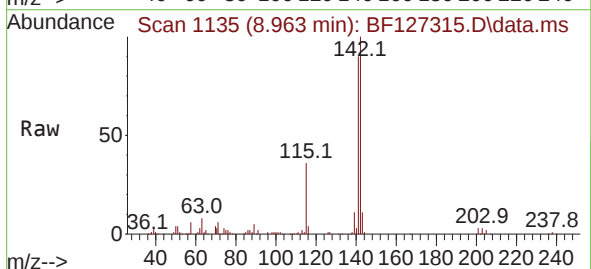
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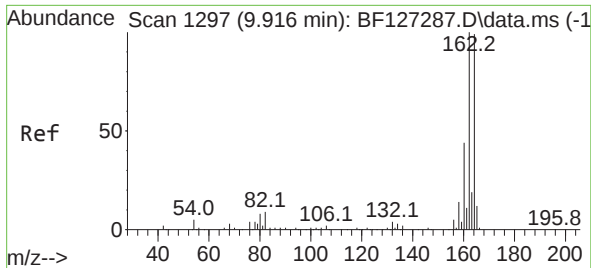
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#38
1-Methylnaphthalene
Concen: 4.356 ng
RT: 8.963 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

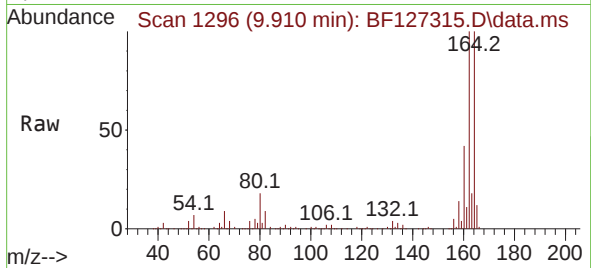
Tgt Ion:142 Resp: 58527
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

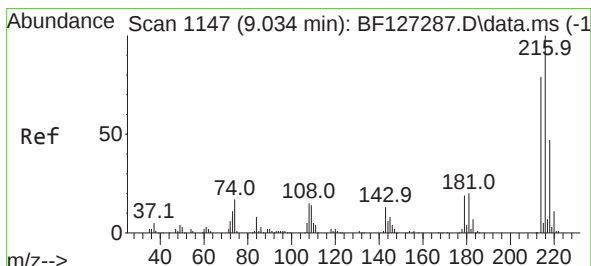
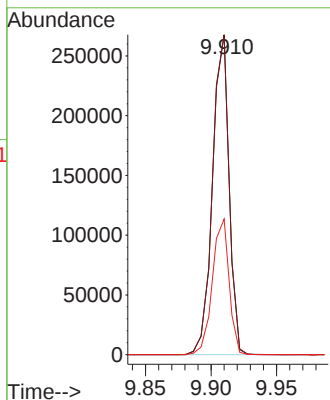
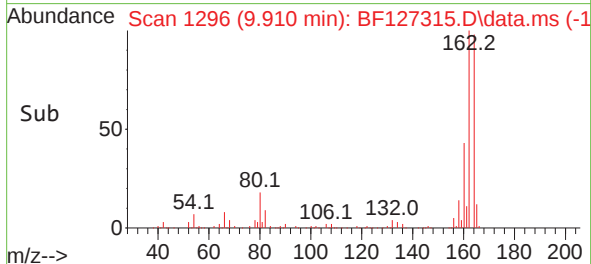
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:164 Resp: 234460
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 42.4 36.6 54.8

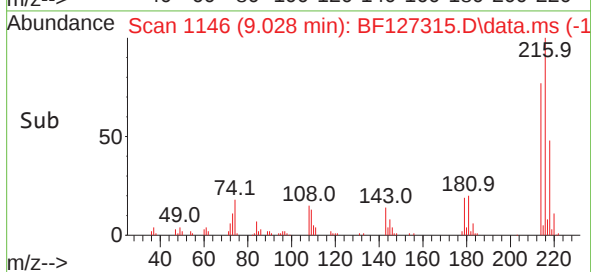
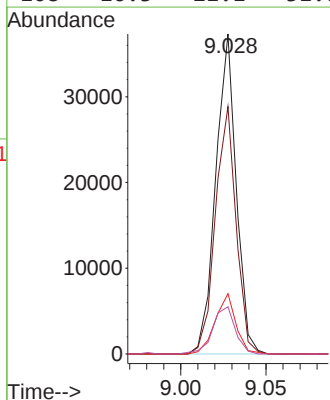
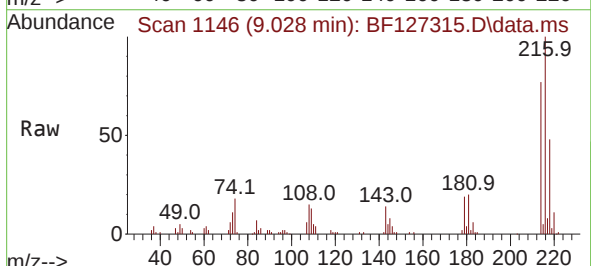
Manual Integrations
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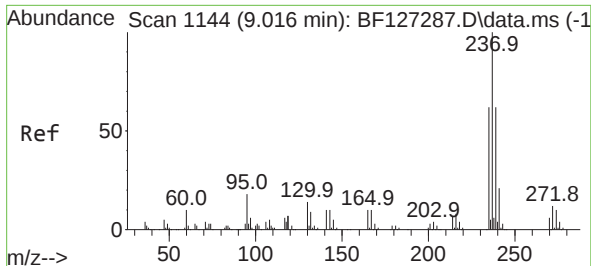
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.210 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

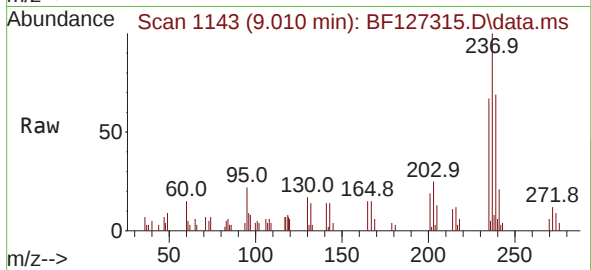
Tgt Ion:216 Resp: 31250
Ion Ratio Lower Upper
216 100
214 77.9 64.6 96.8
179 19.1 19.5 29.3#
108 16.3 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 1.945 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

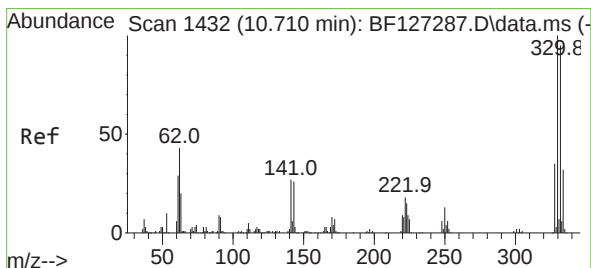
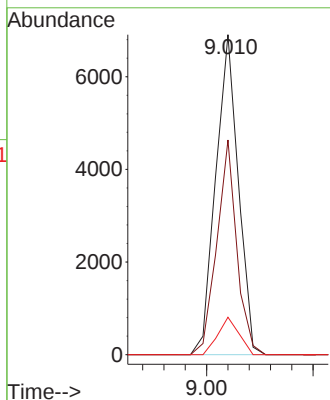
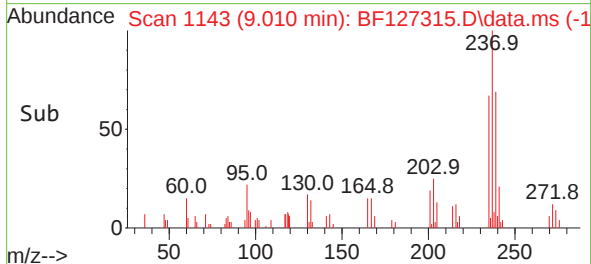
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



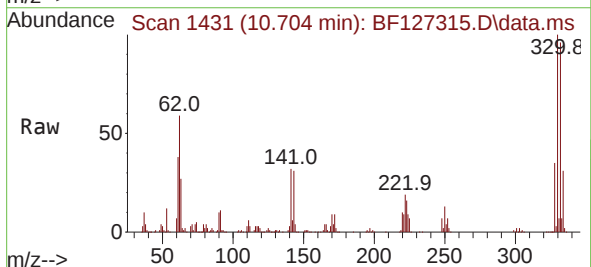
Tgt Ion:237 Resp: 507
Ion Ratio Lower Upper
237 100
235 67.1 38.9 78.9
272 11.7 0.0 33.5

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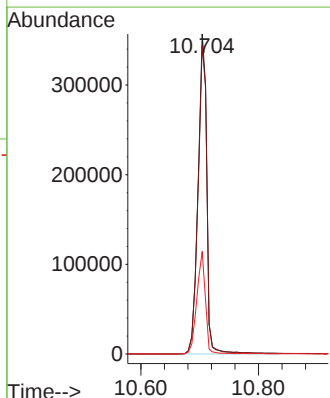
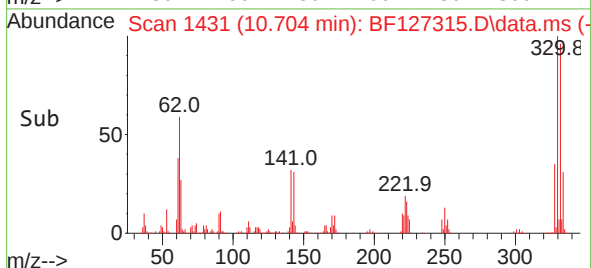
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

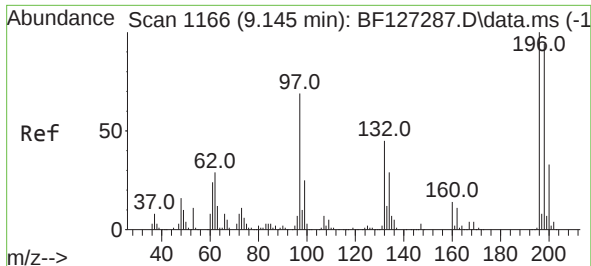


#42
2,4,6-Tribromophenol
Concen: 145.767 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



Tgt Ion:330 Resp: 367908
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 31.5 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 3.698 ng

RT: 9.145 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2022

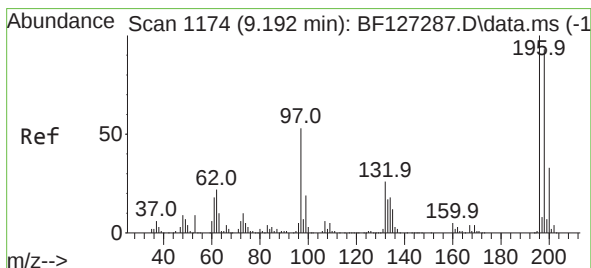
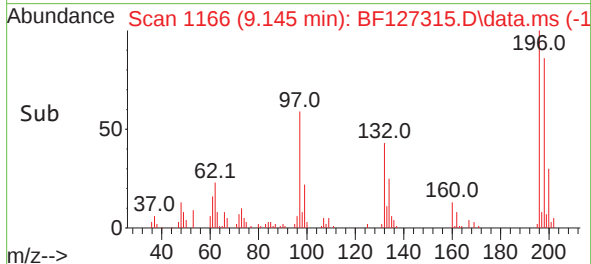
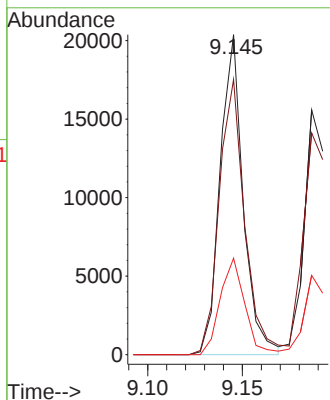
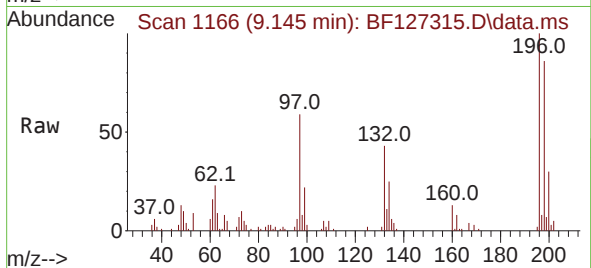
Tgt Ion:196	Resp:	1732
Ion Ratio	Lower	Upper
196	100	
198	86.0	78.5 117.7
200	30.2	24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#44

2,4,5-Trichlorophenol

Concen: 3.258 ng

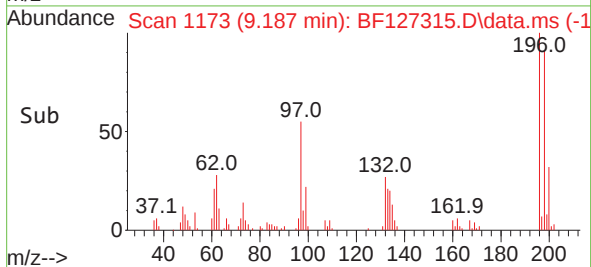
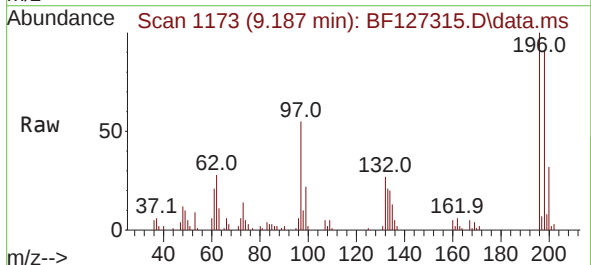
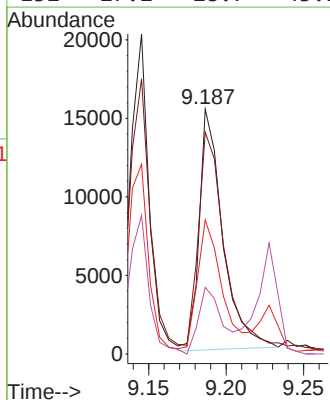
RT: 9.187 min Scan# 1173

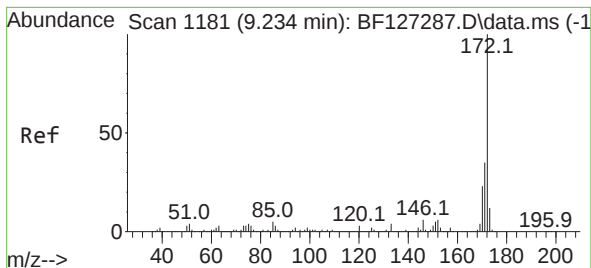
Delta R.T. -0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

Tgt Ion:196	Resp:	16197
Ion Ratio	Lower	Upper
196	100	
198	90.6	82.0 123.0
97	54.8	53.5 80.3
132	27.2	28.7 43.1





#45

2-Fluorobiphenyl

Concen: 77.814 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127315.D

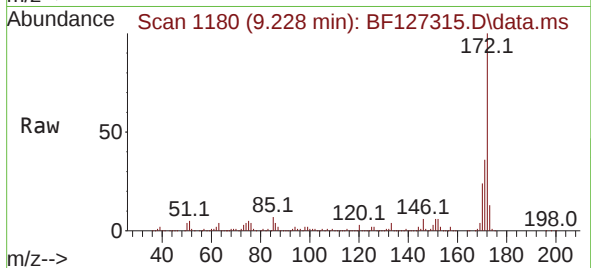
Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion:172 Resp: 1290449

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

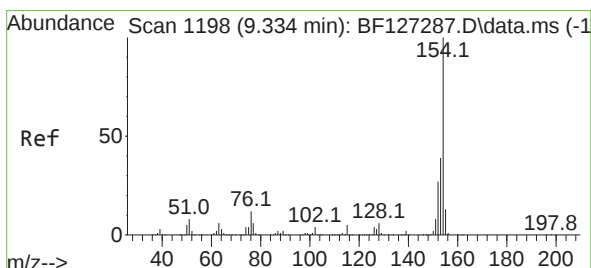
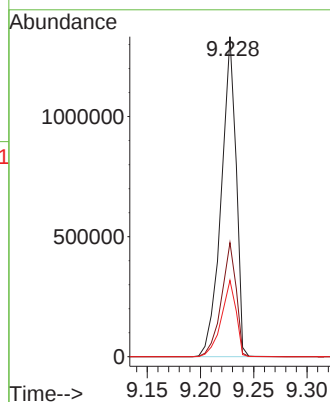
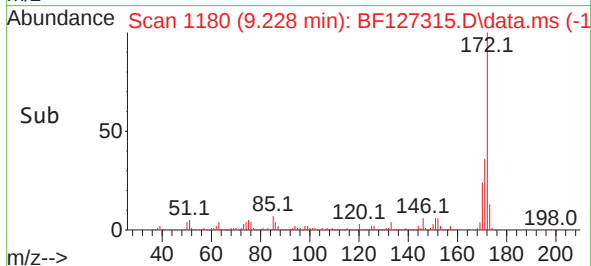
170 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#46

1,1'-Biphenyl

Concen: 4.563 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

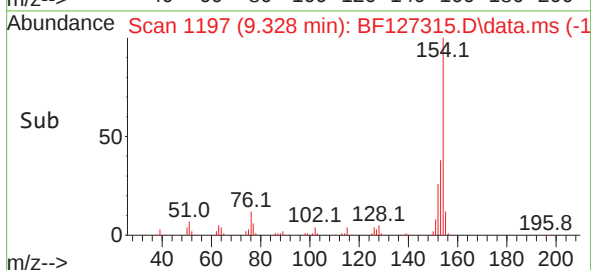
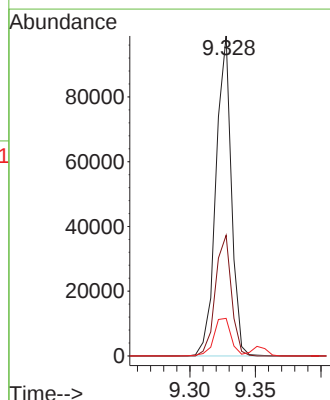
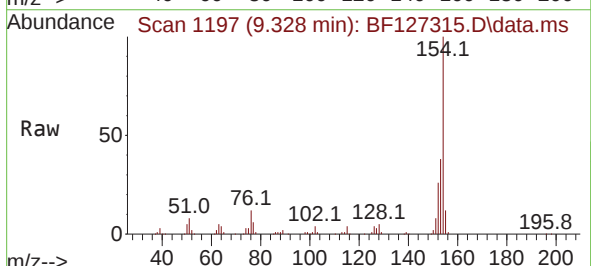
Tgt Ion:154 Resp: 80742

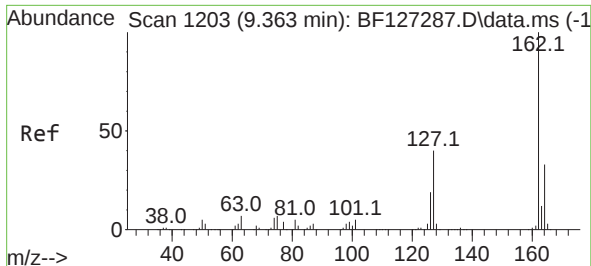
Ion Ratio Lower Upper

154 100

153 37.7 19.0 59.0

76 11.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 4.250 ng

RT: 9.351 min Scan# 1203

Delta R.T. -0.012 min

Lab File: BF127315.D

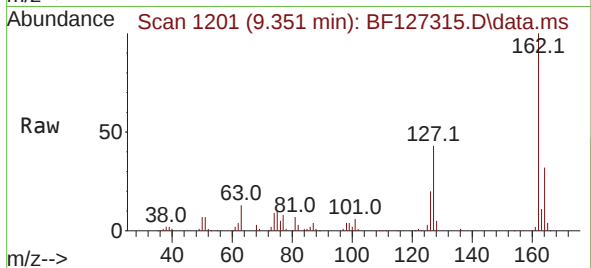
Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion:162 Resp: 58540

Ion Ratio Lower Upper

162 100

127 42.9 33.5 50.3

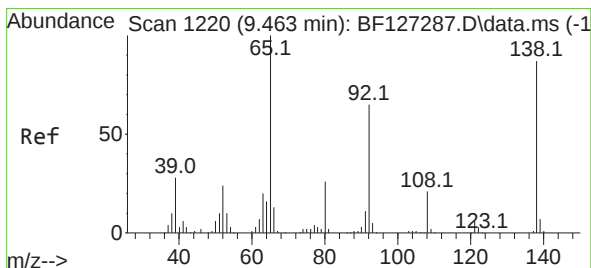
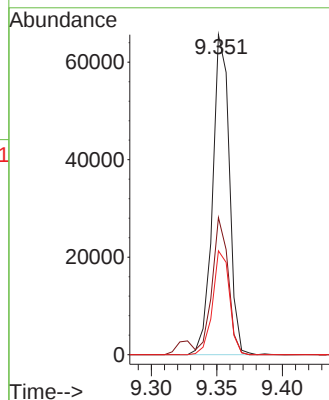
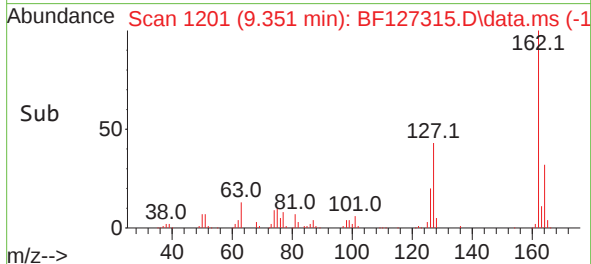
164 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#48

2-Nitroaniline

Concen: 3.765 ng

RT: 9.451 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

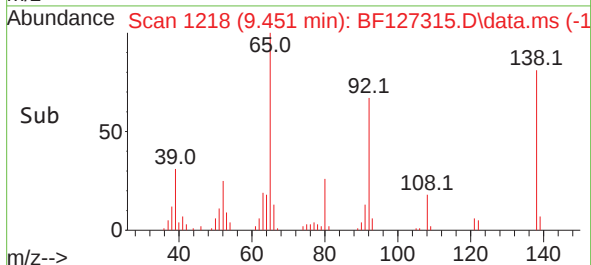
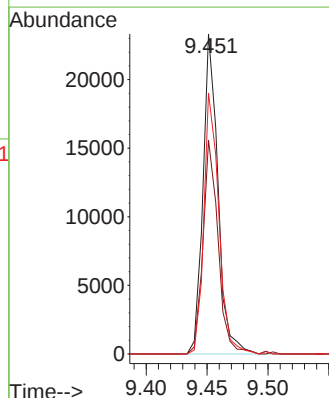
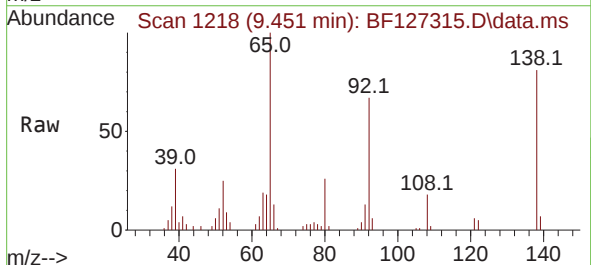
Tgt Ion: 65 Resp: 19955

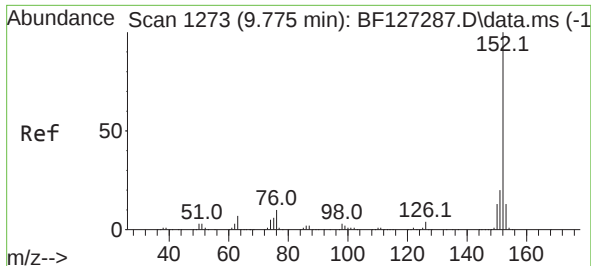
Ion Ratio Lower Upper

65 100

92 66.8 54.4 81.6

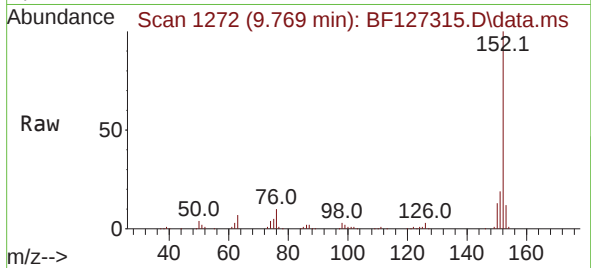
138 81.5 72.5 108.7





#49
Acenaphthylene
Concen: 4.575 ng
RT: 9.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

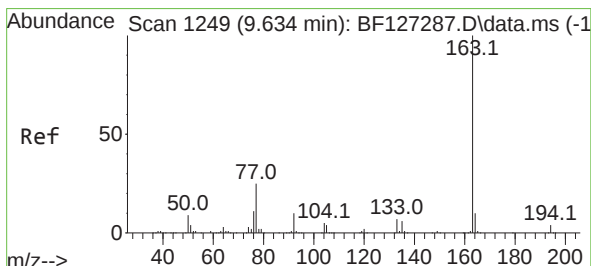
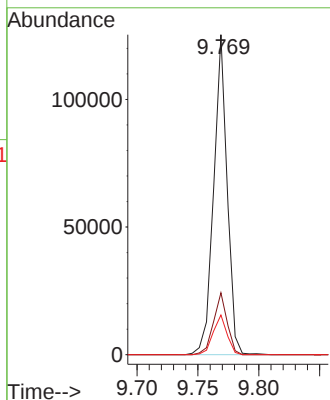
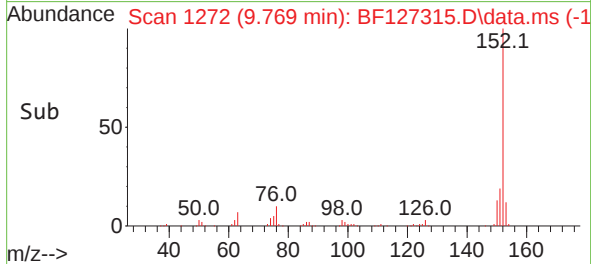
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



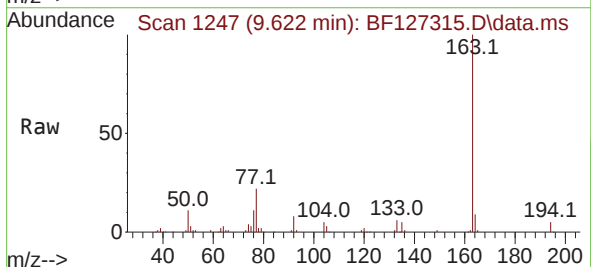
Tgt Ion:152 Resp: 96435
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 12.4 11.4 17.0

Manual Integrations
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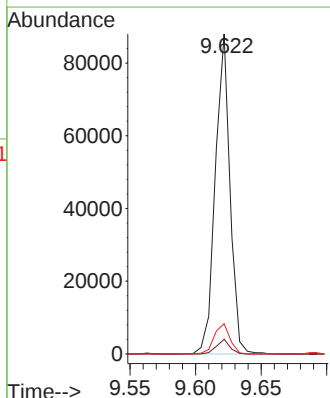
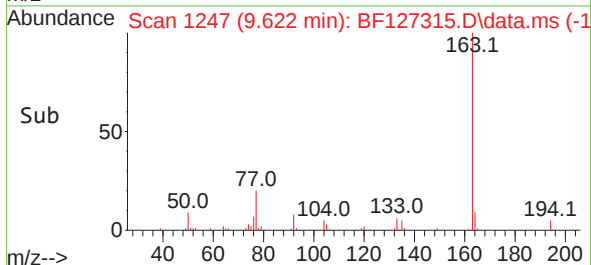
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

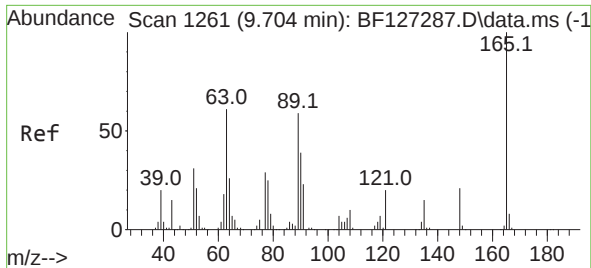


#50
Dimethylphthalate
Concen: 4.075 ng
RT: 9.622 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



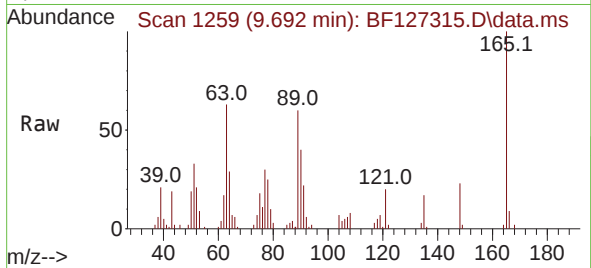
Tgt Ion:163 Resp: 68456
Ion Ratio Lower Upper
163 100
194 4.6 2.6 3.8#
164 9.5 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 4.096 ng
RT: 9.692 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

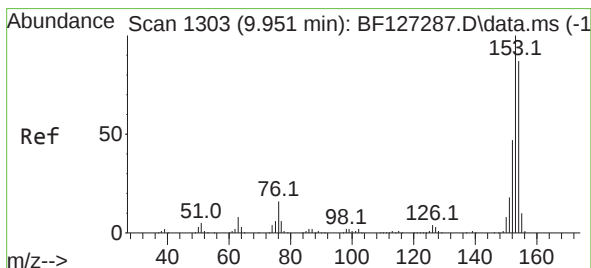
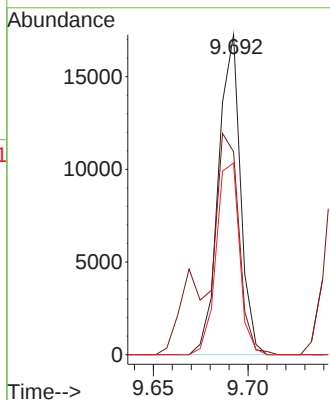
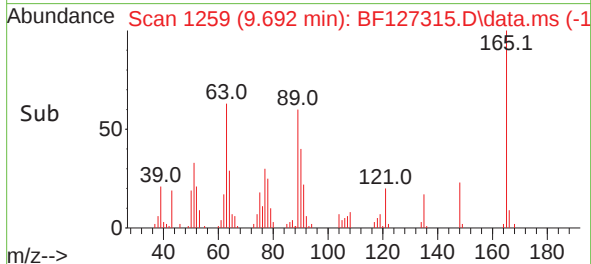
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



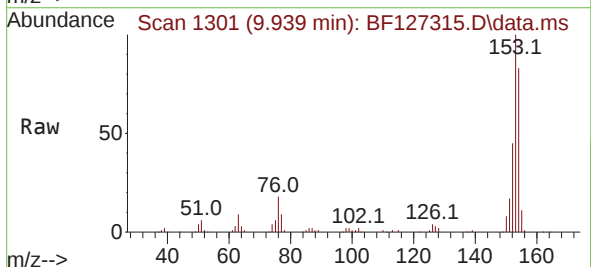
Tgt Ion:165 Resp: 13920
Ion Ratio Lower Upper
165 100
63 63.4 48.4 72.6
89 59.9 50.5 75.7

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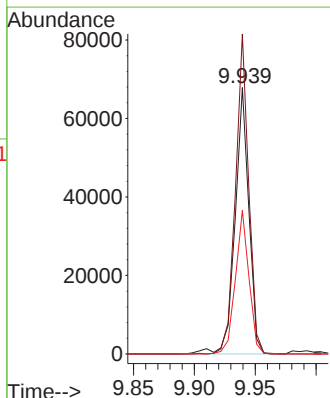
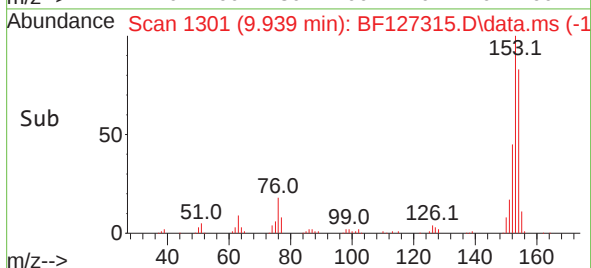
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

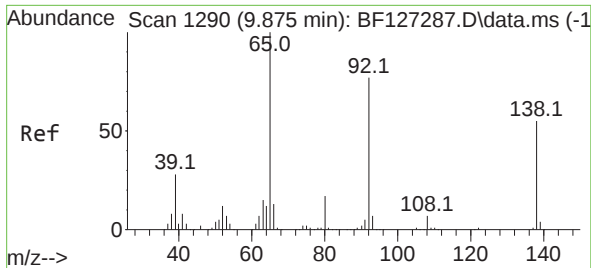


#52
Acenaphthene
Concen: 4.256 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



Tgt Ion:154 Resp: 53476
Ion Ratio Lower Upper
154 100
153 120.1 87.8 131.6
152 53.9 39.4 59.2





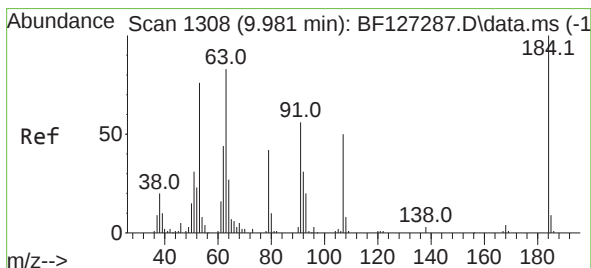
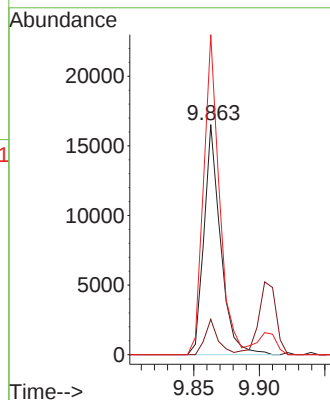
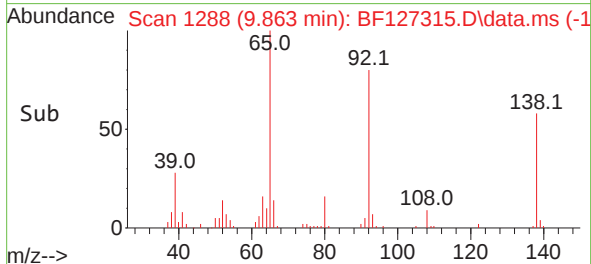
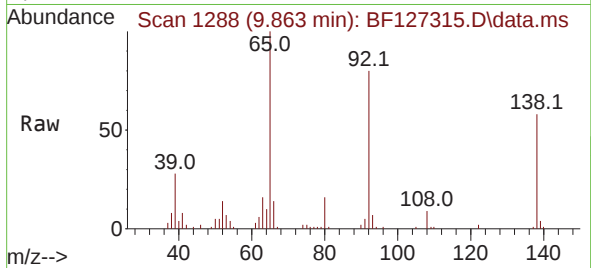
#53
3-Nitroaniline
Concen: 3.930 ng
RT: 9.863 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2022

Tgt Ion:138 Resp: 1455
Ion Ratio Lower Upper
138 100
108 15.3 8.6 13.0
92 139.1 105.0 157.6

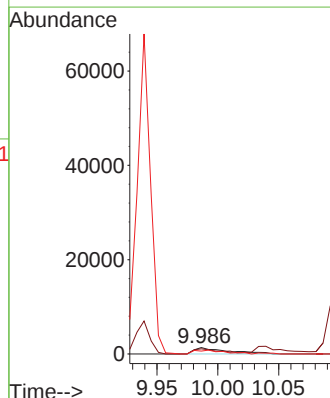
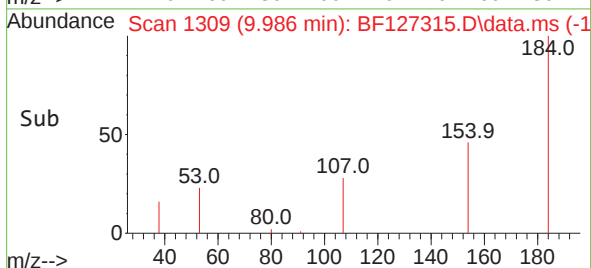
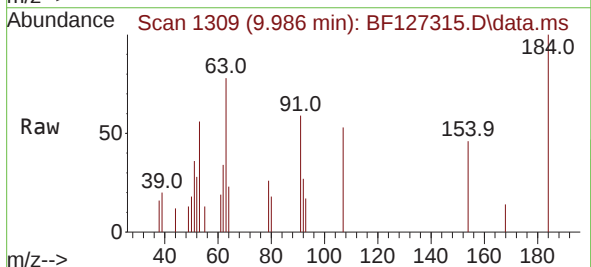
Manual Integrations
APPROVED

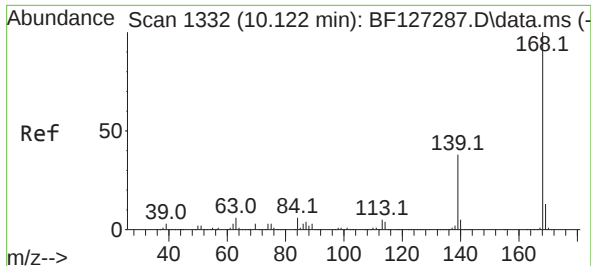
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#54
2,4-Dinitrophenol
Concen: 1.517 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

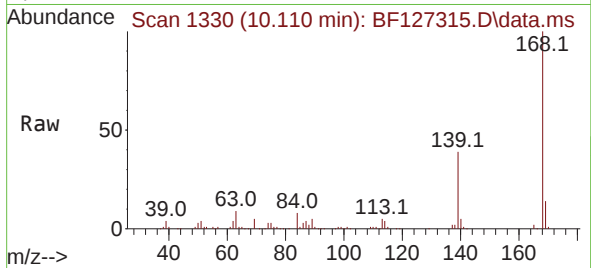
Tgt Ion:184 Resp: 2540
Ion Ratio Lower Upper
184 100
63 78.4 70.4 105.6
154 45.5 49.7 74.5





#55
Dibenzofuran
Concen: 4.300 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

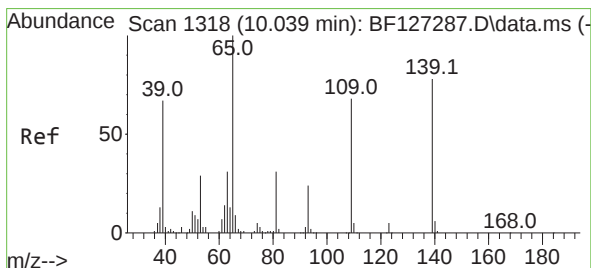
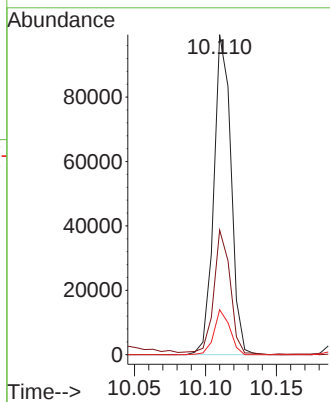
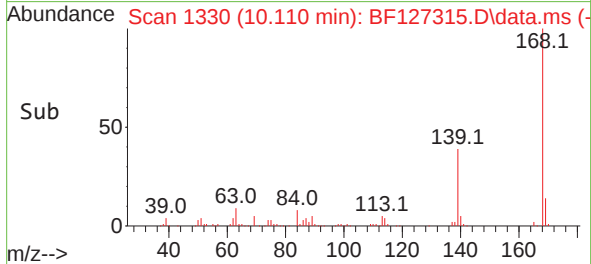
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:168 Resp: 83938
Ion Ratio Lower Upper
168 100
139 38.9 30.6 46.0
169 14.0 10.0 15.0

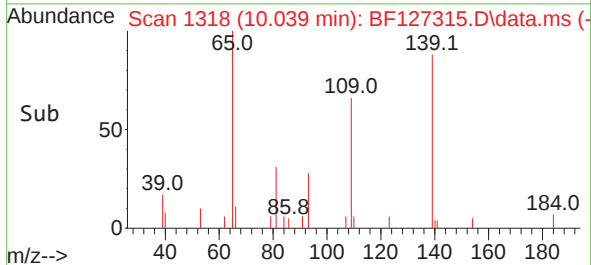
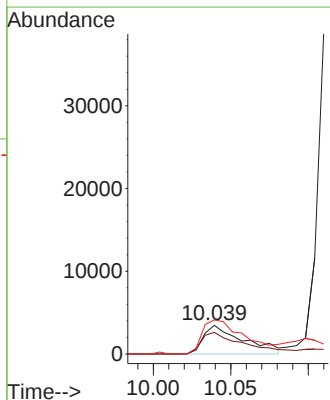
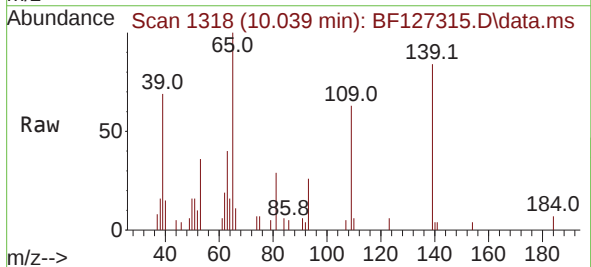
Manual Integrations
APPROVED

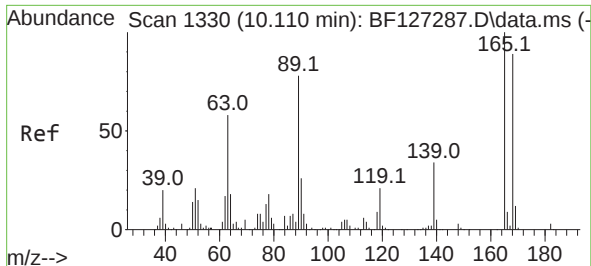
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#56
4-Nitrophenol
Concen: 2.758 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

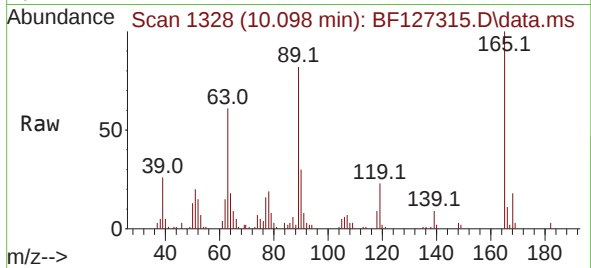
Tgt Ion:139 Resp: 6208
Ion Ratio Lower Upper
139 100
109 75.2 44.1 84.1
65 118.8 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 3.946 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

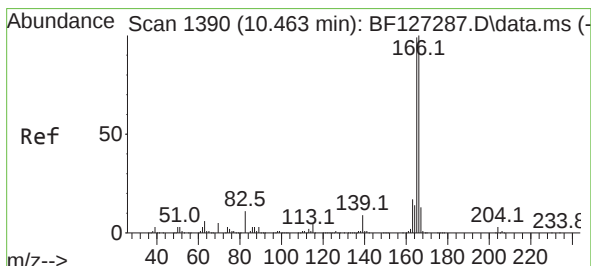
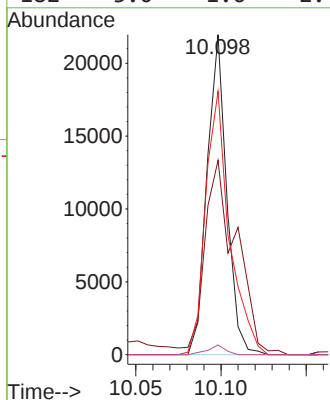
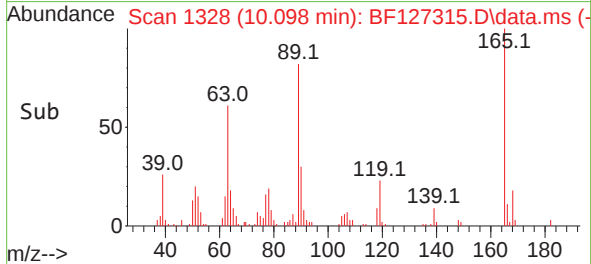
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



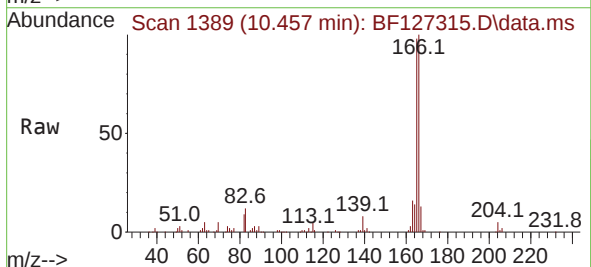
Tgt Ion:165 Resp: 1764
Ion Ratio Lower Upper
165 100
63 60.8 43.0 64.6
89 82.3 71.0 106.4
182 3.0 1.6 2.4#

Manual Integrations
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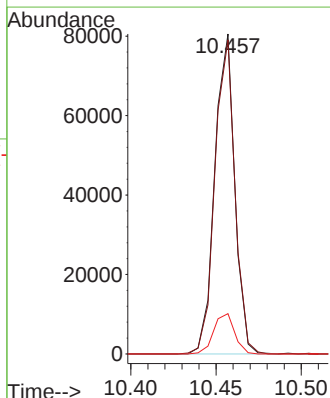
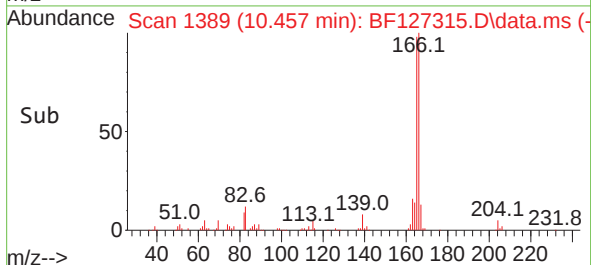
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

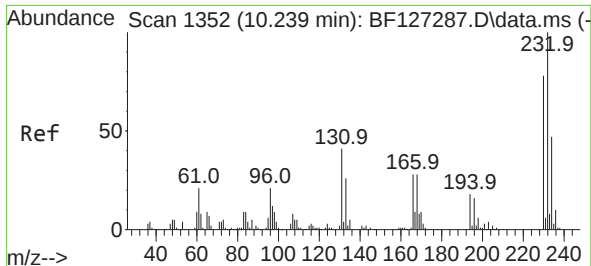


#58
Fluorene
Concen: 4.335 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



Tgt Ion:166 Resp: 65612
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 12.6 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.799 ng

RT: 10.233 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BF127315.D

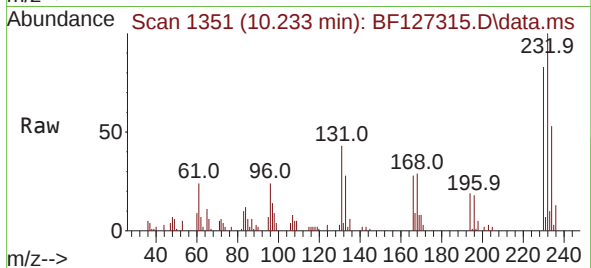
Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion:232 Resp: 15698

Ion Ratio Lower Upper

232 100

131 42.3 50.0 75.0

130 1.6 2.2 3.2

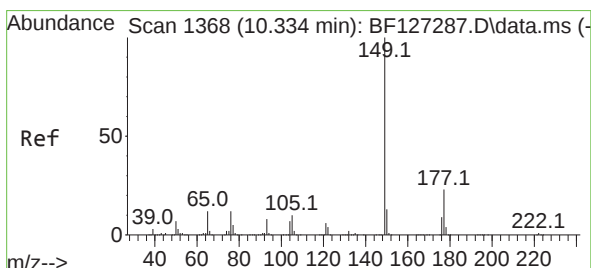
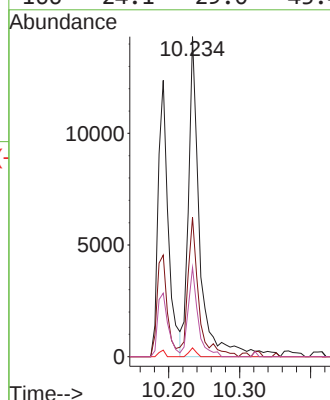
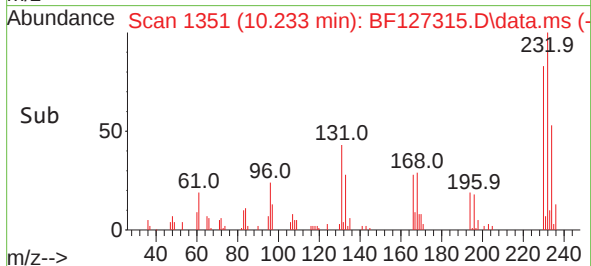
166 24.1 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#60

Diethylphthalate

Concen: 4.121 ng

RT: 10.322 min Scan# 1366

Delta R.T. -0.012 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

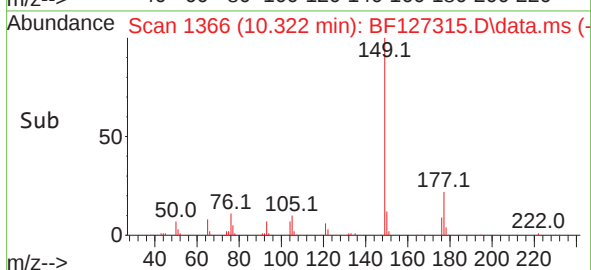
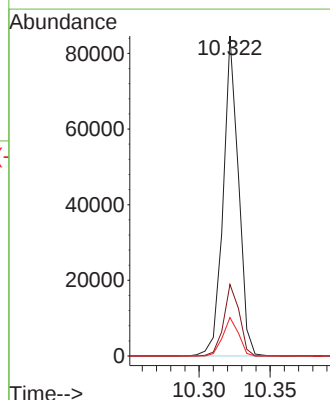
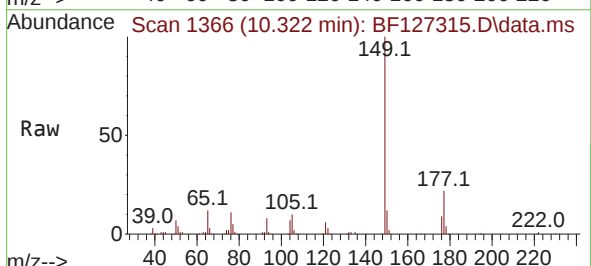
Tgt Ion:149 Resp: 63150

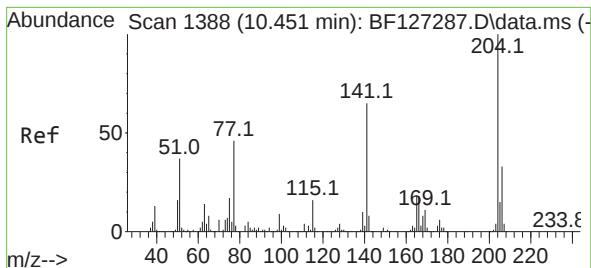
Ion Ratio Lower Upper

149 100

177 22.4 16.7 25.1

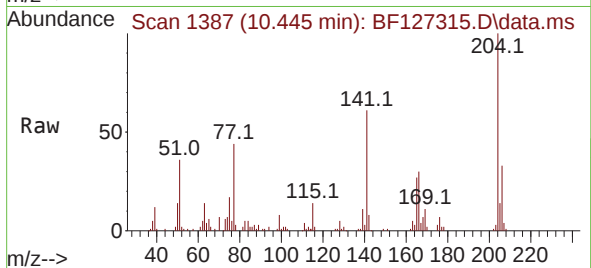
150 12.0 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 4.114 ng
RT: 10.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

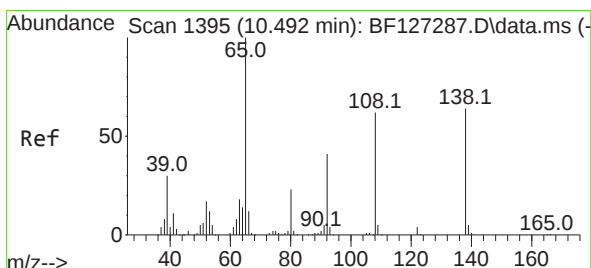
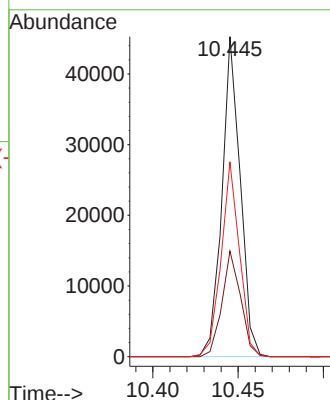
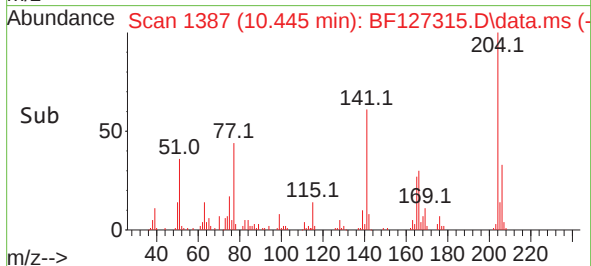
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:204 Resp: 3374
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 60.9 59.0 88.6

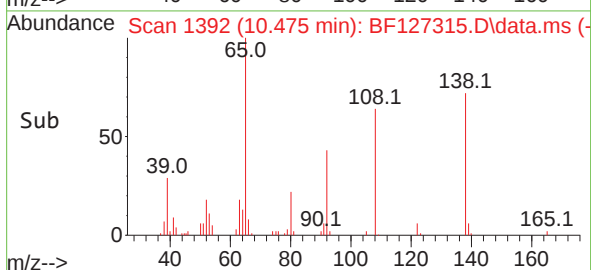
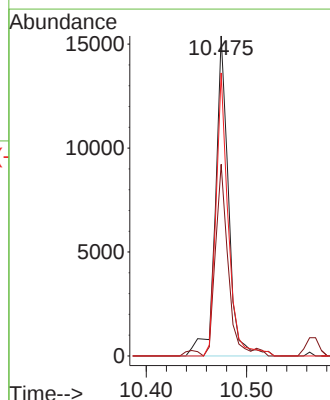
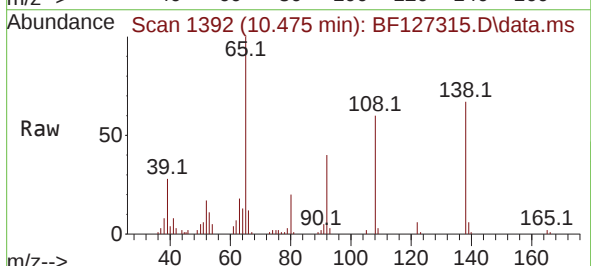
Manual Integrations
APPROVED

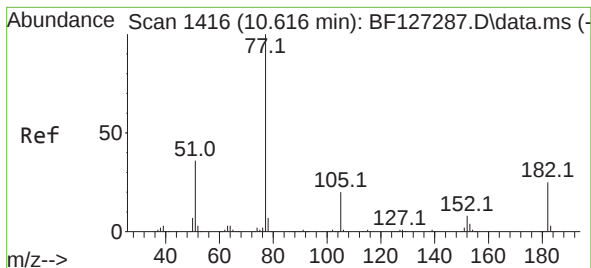
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#62
4-Nitroaniline
Concen: 3.773 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.018 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

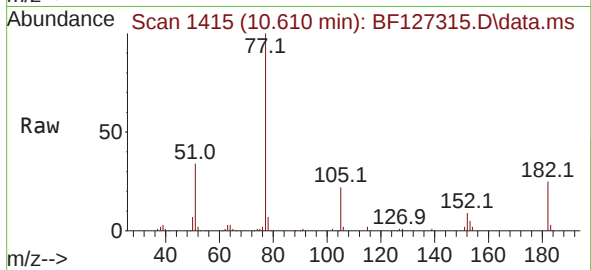
Tgt Ion:138 Resp: 13925
Ion Ratio Lower Upper
138 100
92 59.9 36.2 76.2
108 88.5 46.7 86.7#





#63
Azobenzene
Concen: 4.047 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

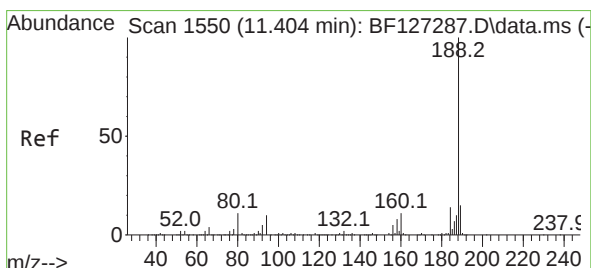
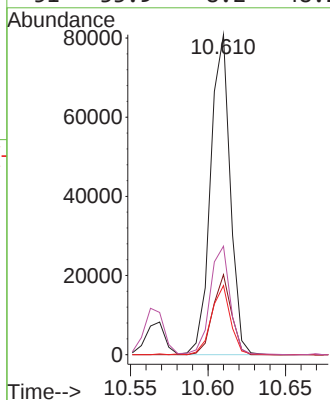
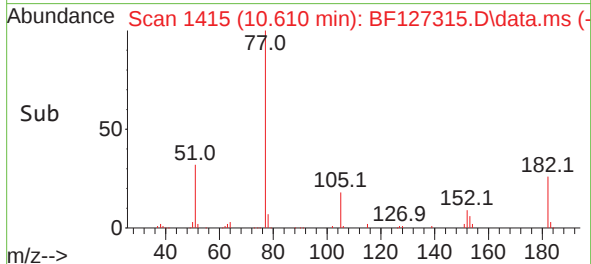
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



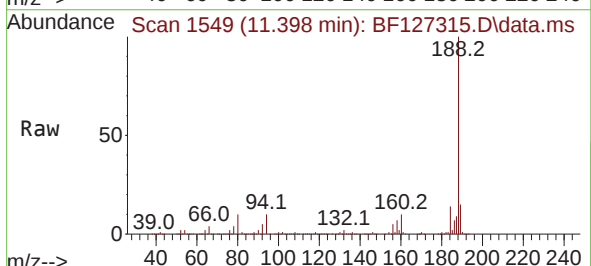
Tgt Ion: 77 Resp: 71284
Ion Ratio Lower Upper
77 100
182 25.0 0.0 39.0
105 21.6 3.2 43.2
51 33.9 8.2 48.2

Manual Integrations
APPROVED

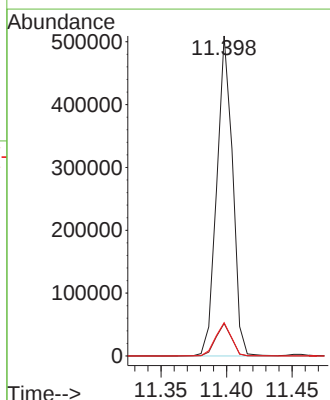
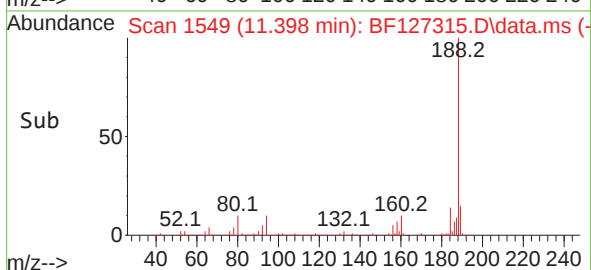
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

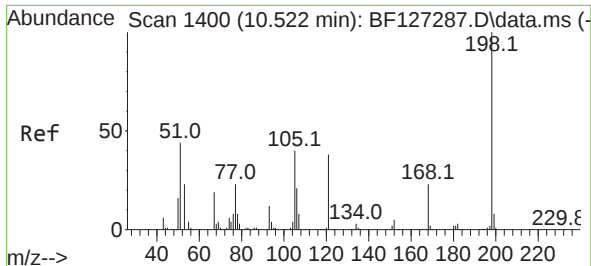


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



Tgt Ion:188 Resp: 426065
Ion Ratio Lower Upper
188 100
94 10.2 10.1 15.1
80 10.4 11.8 17.6#





#65

4,6-Dinitro-2-methylphenol

Concen: 2.607 ng

RT: 10.510 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2022

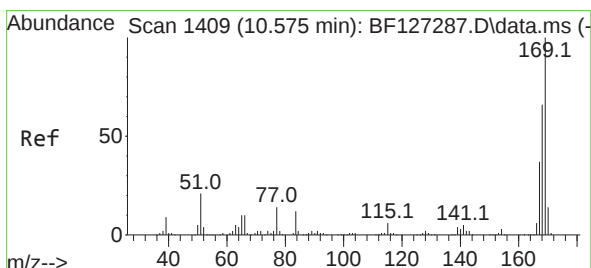
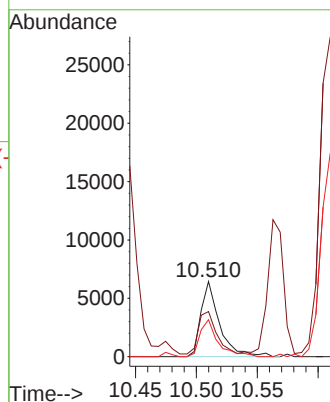
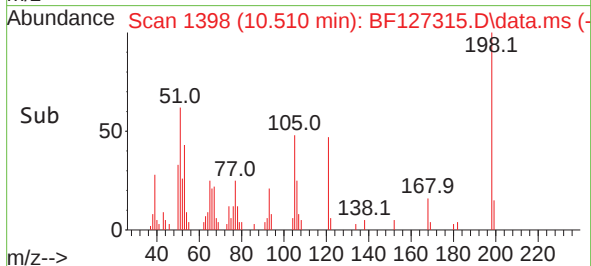
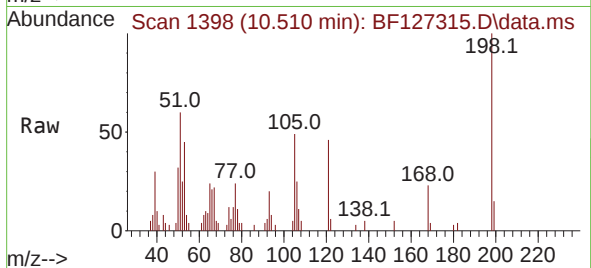
Tgt Ion:198	Resp:	684
Ion Ratio	Lower	Upper
198	100	
51	60.1	32.0 72.0
105	49.3	32.7 72.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#66

n-Nitrosodiphenylamine

Concen: 4.204 ng

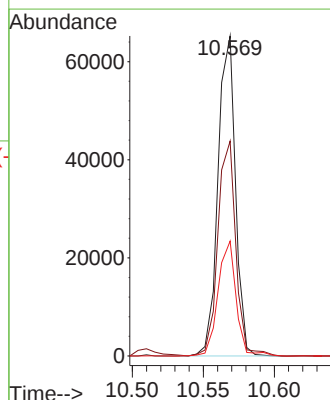
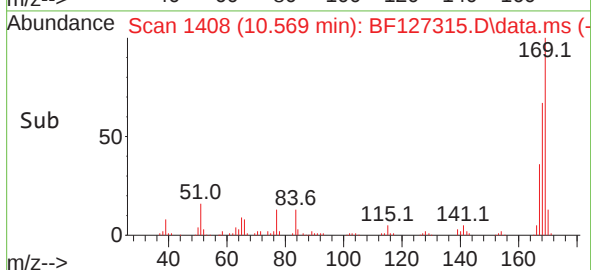
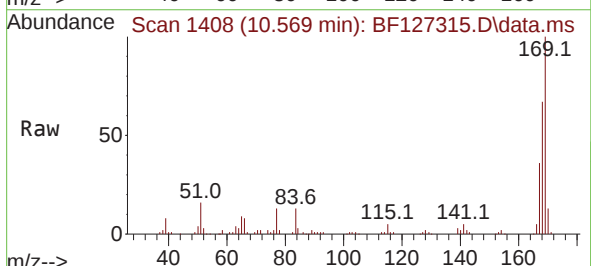
RT: 10.569 min Scan# 1408

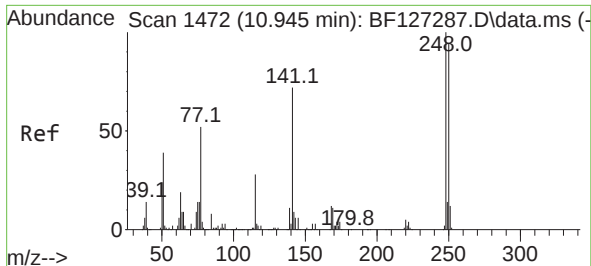
Delta R.T. -0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

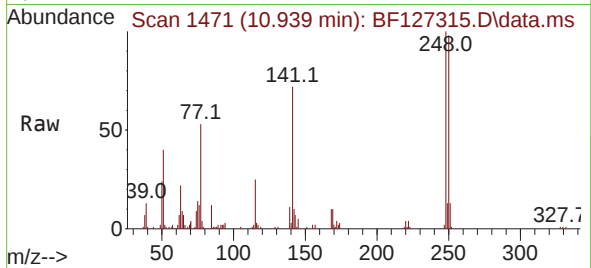
Tgt Ion:169	Resp:	55628
Ion Ratio	Lower	Upper
169	100	
168	67.2	53.4 80.0
167	35.9	29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 4.026 ng
RT: 10.939 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

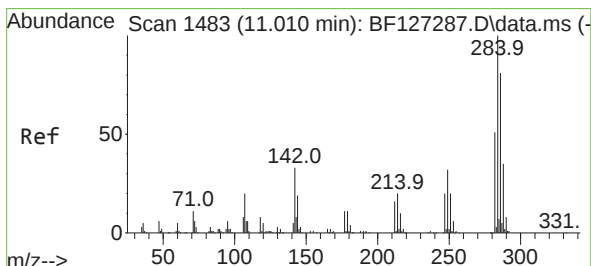
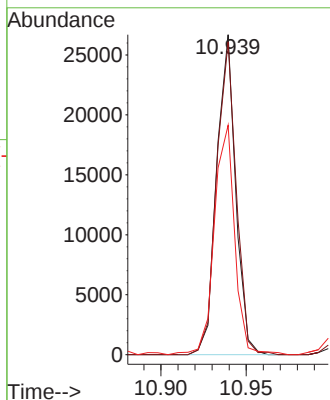
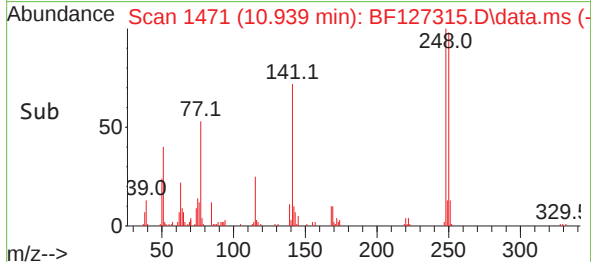
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:248 Resp: 2067
Ion Ratio Lower Upper
248 100
250 97.8 76.2 114.4
141 71.7 66.2 99.4

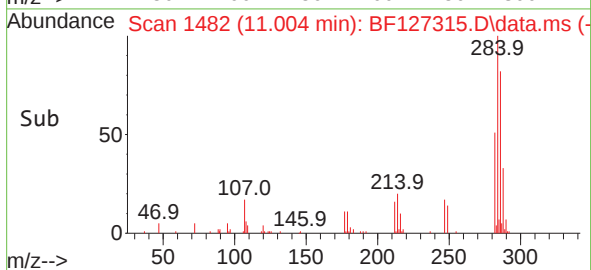
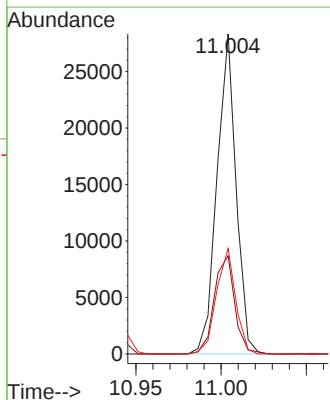
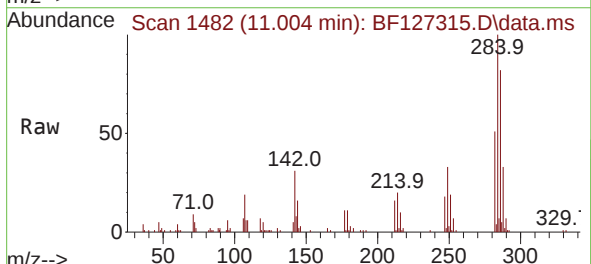
Manual Integrations
APPROVED

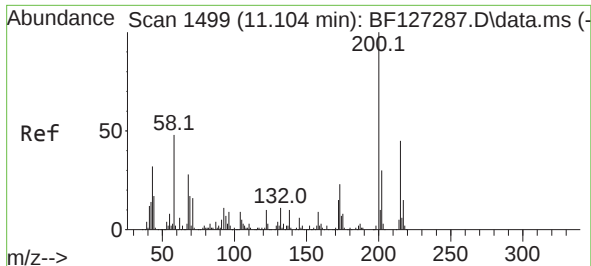
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#68
Hexachlorobenzene
Concen: 3.948 ng
RT: 11.004 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

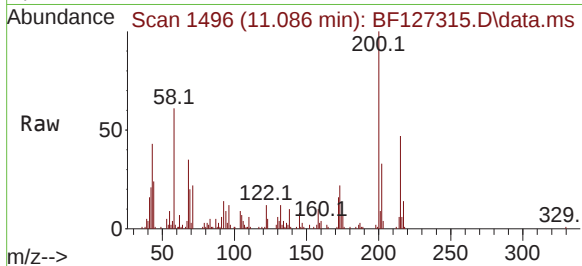
Tgt Ion:284 Resp: 22101
Ion Ratio Lower Upper
284 100
142 30.7 30.7 46.1#
249 33.0 21.1 31.7#





#69
Atrazine
Concen: 4.377 ng
RT: 11.086 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

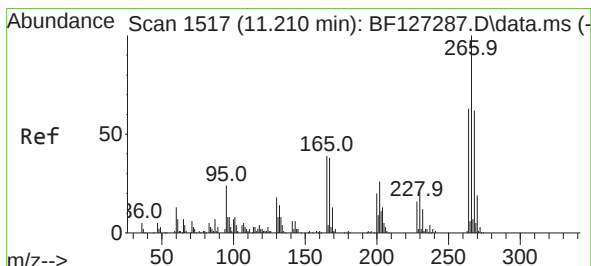
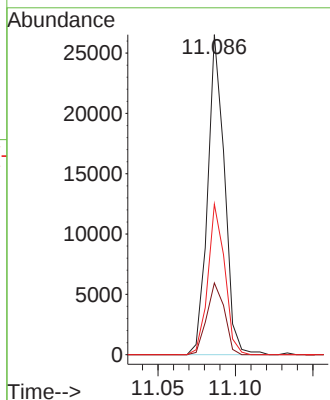
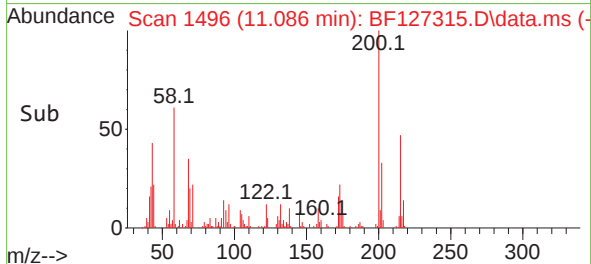
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:200 Resp: 1998
Ion Ratio Lower Upper
200 100
173 22.4 9.2 49.2
215 47.1 23.2 63.2

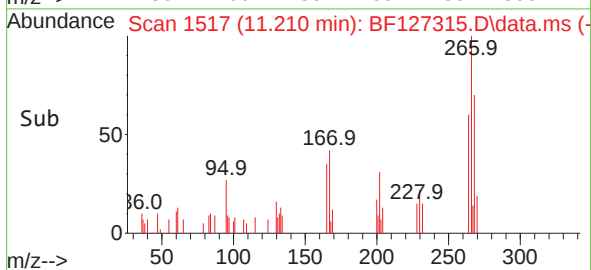
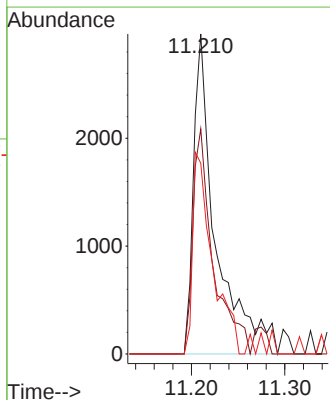
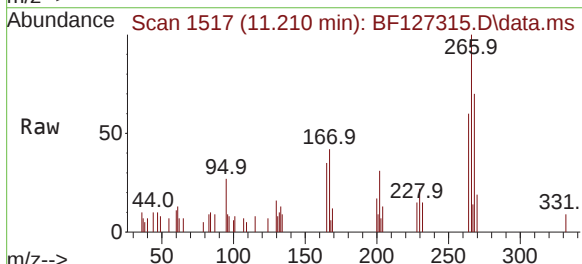
Manual Integrations
APPROVED

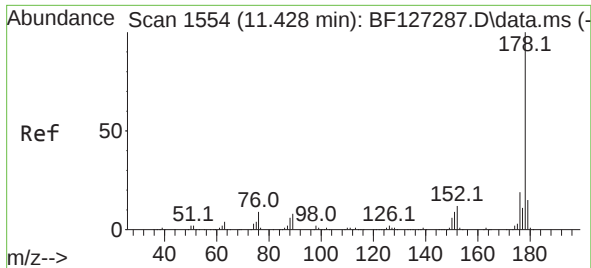
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#70
Pentachlorophenol
Concen: 2.173 ng m
RT: 11.210 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

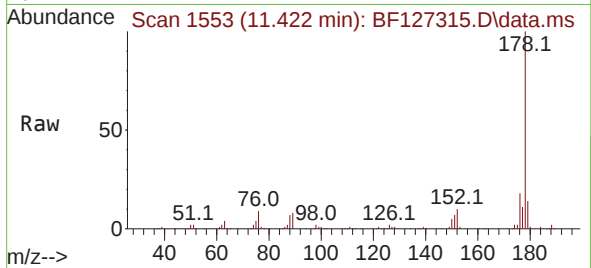
Tgt Ion:266 Resp: 4911
Ion Ratio Lower Upper
266 100
268 70.4 52.3 78.5
264 59.6 50.4 75.6





#71
Phenanthrene
Concen: 4.310 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

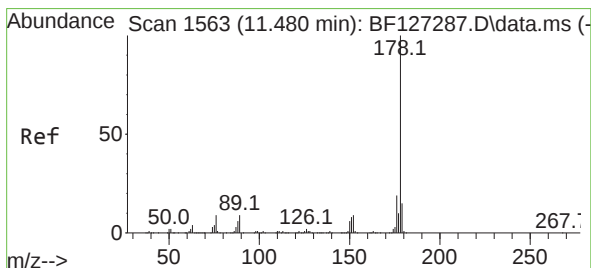
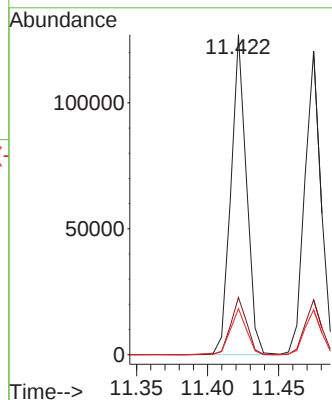
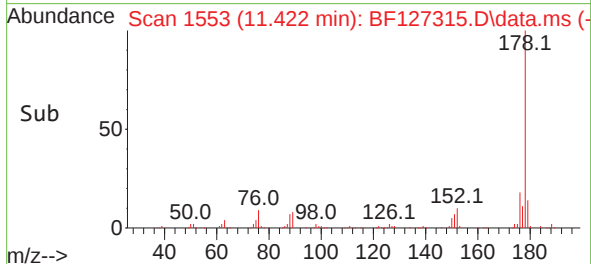
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:178 Resp: 96949
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 14.4 12.3 18.5

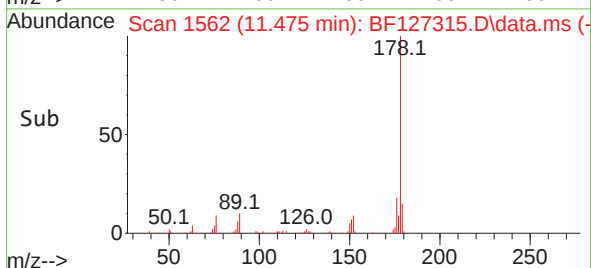
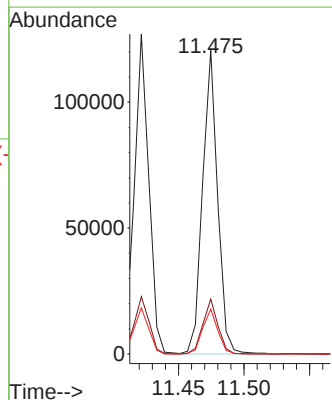
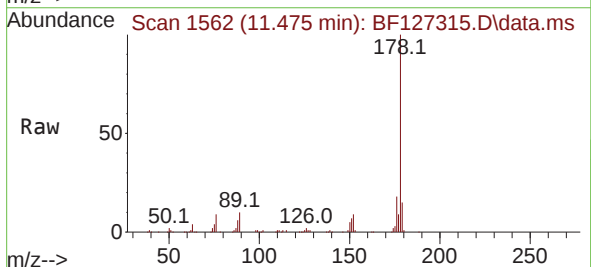
Manual Integrations
APPROVED

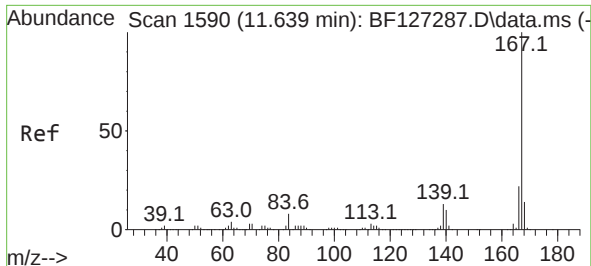
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#72
Anthracene
Concen: 4.330 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

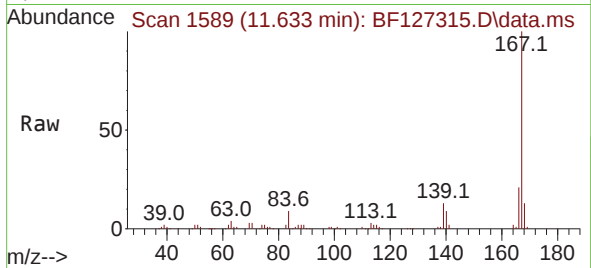
Tgt Ion:178 Resp: 96449
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 14.8 12.5 18.7





#73
 Carbazole
 Concen: 4.112 ng
 RT: 11.633 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF127315.D
 Acq: 14 Mar 2022 12:32

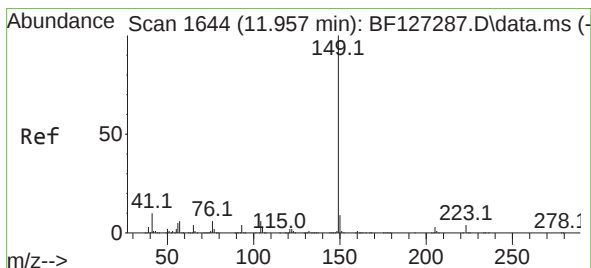
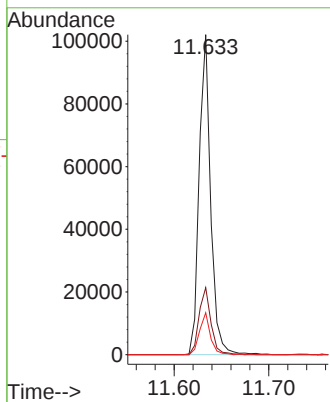
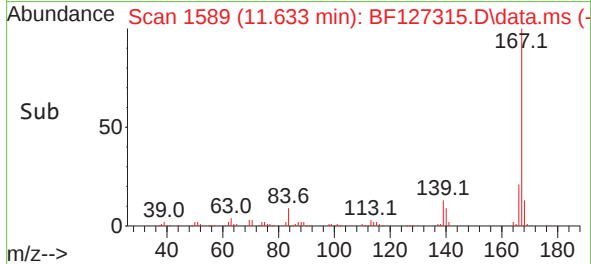
Instrument : BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2022



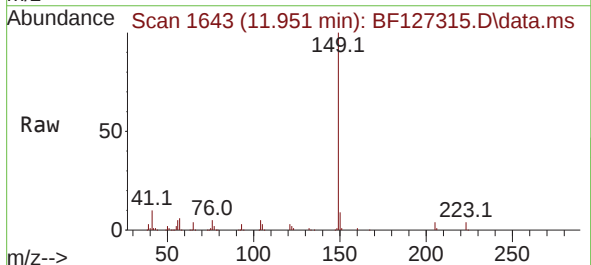
Tgt Ion:167 Resp: 86258
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.9 25.3
 139 13.1 11.3 16.9

Manual Integrations
 APPROVED

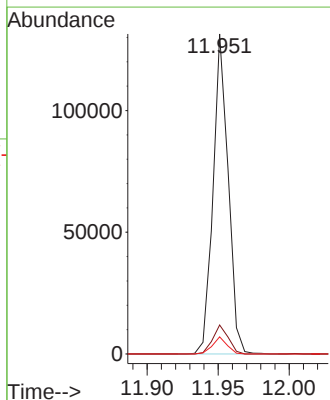
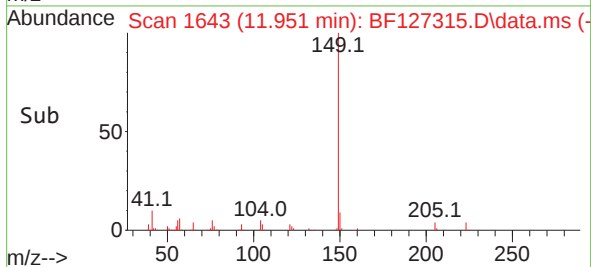
Reviewed By :Christian Giraldo 03/15/2022
 Supervised By :Jagrut Upadhyay 03/15/2022

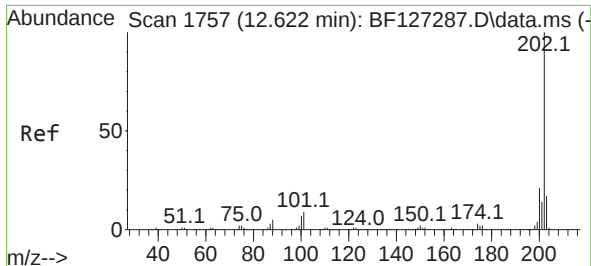


#74
 Di-n-butylphthalate
 Concen: 3.966 ng
 RT: 11.951 min Scan# 1643
 Delta R.T. -0.006 min
 Lab File: BF127315.D
 Acq: 14 Mar 2022 12:32



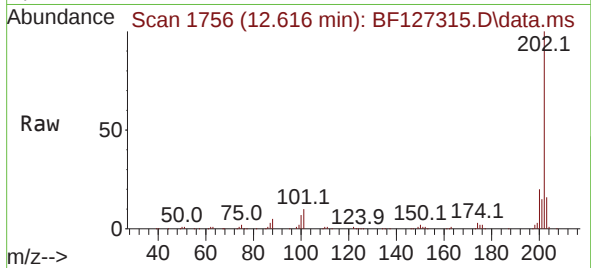
Tgt Ion:149 Resp: 97298
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 4.293 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

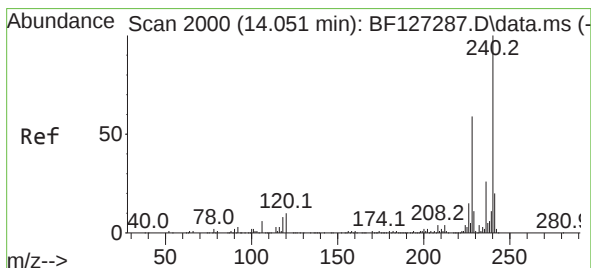
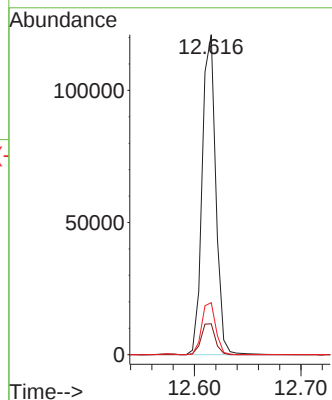
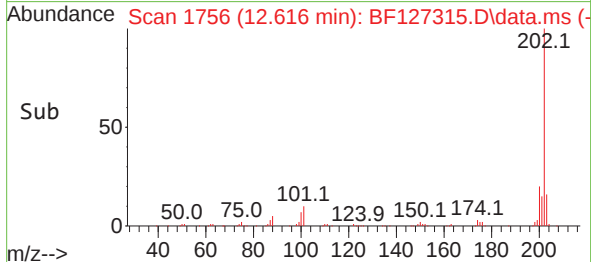
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



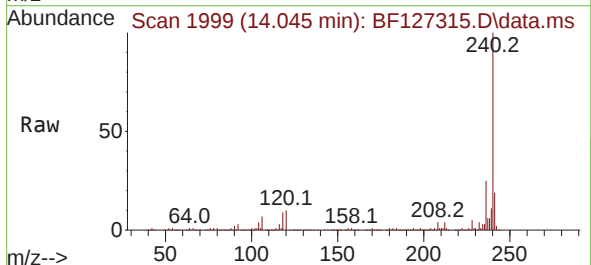
Tgt Ion:202 Resp: 10795
Ion Ratio Lower Upper
202 100
101 9.7 0.0 35.7
203 16.2 0.0 37.1

Manual Integrations
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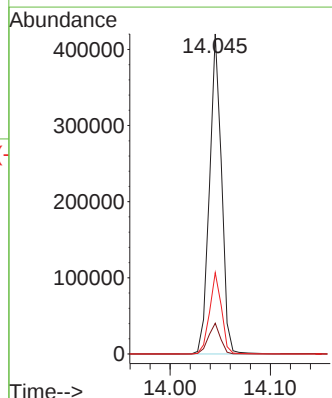
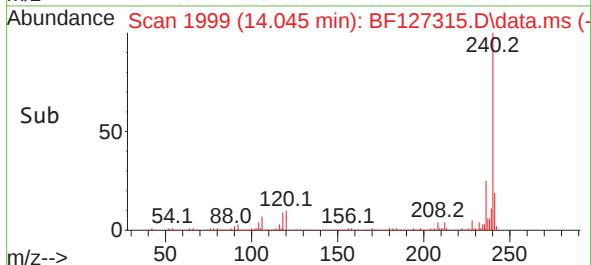
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

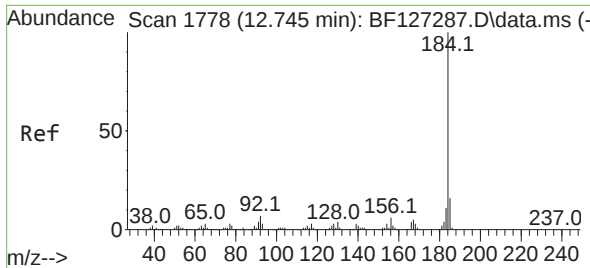


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



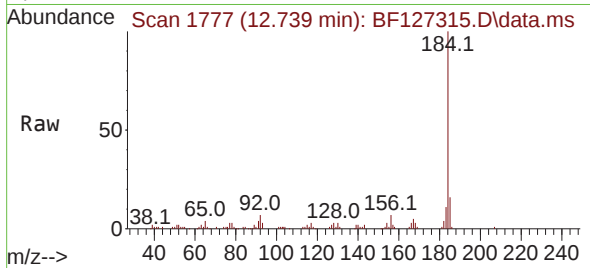
Tgt Ion:240 Resp: 351302
Ion Ratio Lower Upper
240 100
120 9.6 14.4 21.6#
236 25.4 20.5 30.7





#77
Benzidine
Concen: 4.852 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

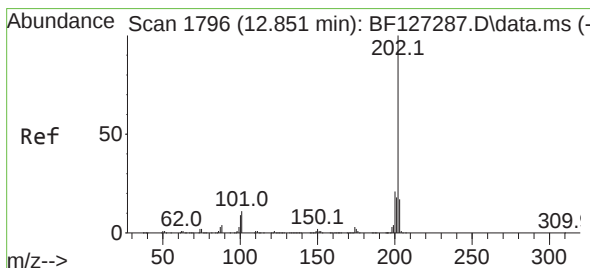
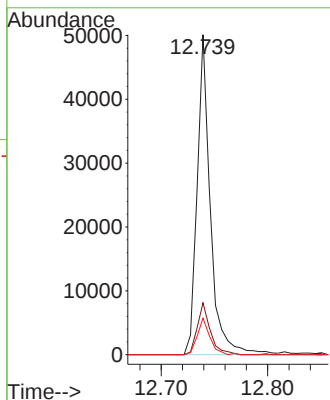
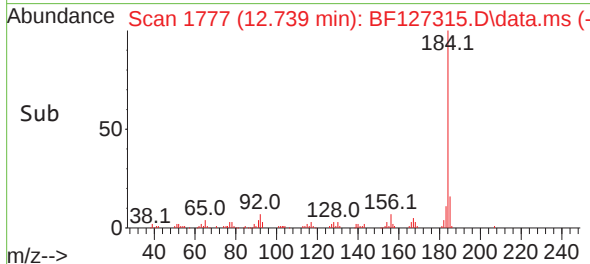
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2022



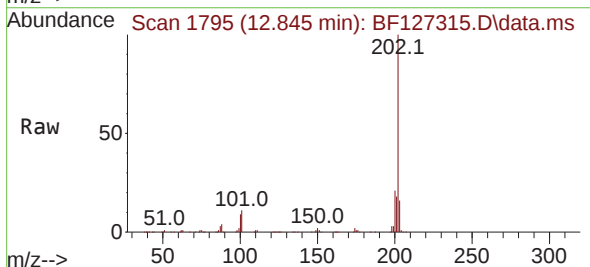
Tgt Ion:184 Resp: 43344
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.8
183 11.4 8.2 12.2

Manual Integrations
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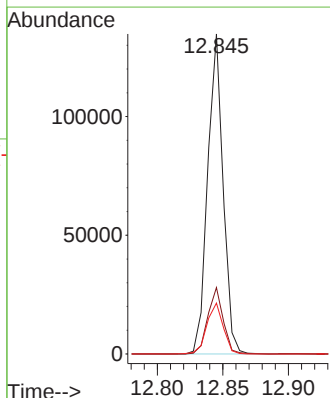
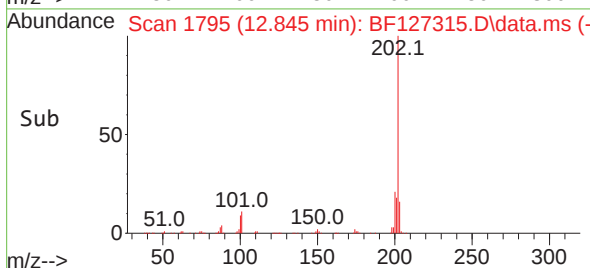
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

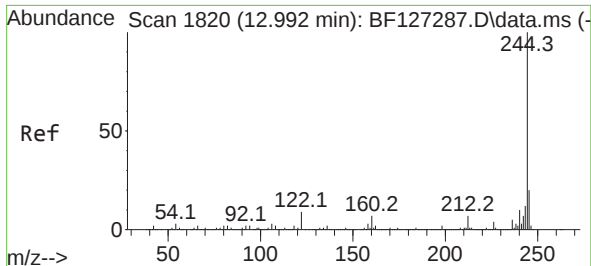


#78
Pyrene
Concen: 4.041 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



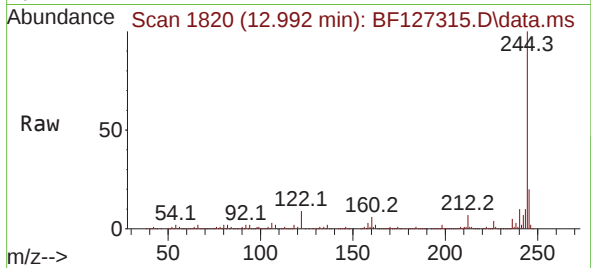
Tgt Ion:202 Resp: 110577
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 15.9 13.8 20.8





#79
 Terphenyl-d14
 Concen: 74.455 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF127315.D
 Acq: 14 Mar 2022 12:32

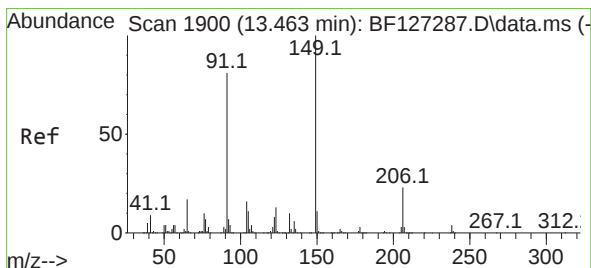
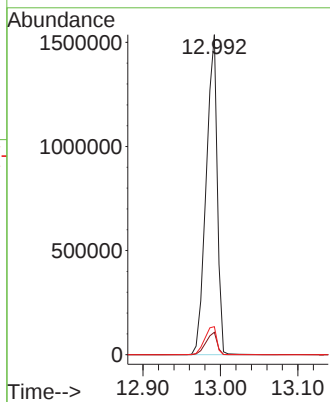
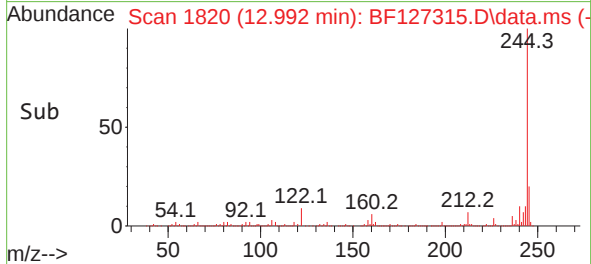
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT1-2022



Tgt Ion:244 Resp: 151899
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 8.7 13.3 19.9

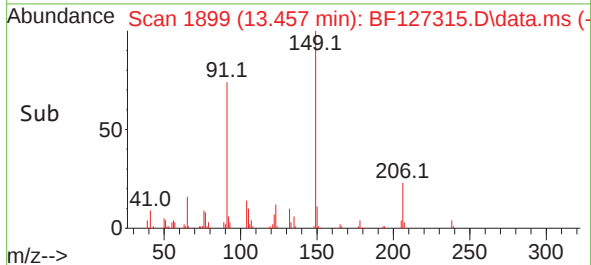
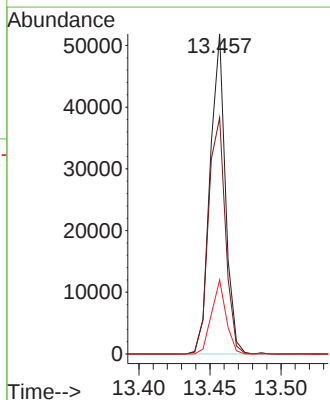
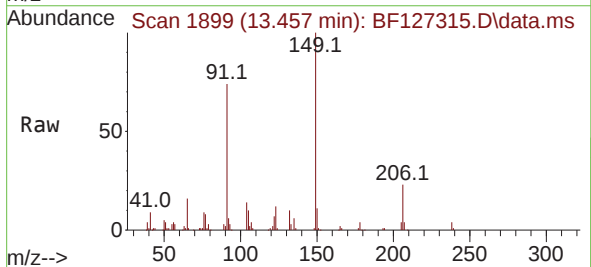
Manual Integrations
 APPROVED

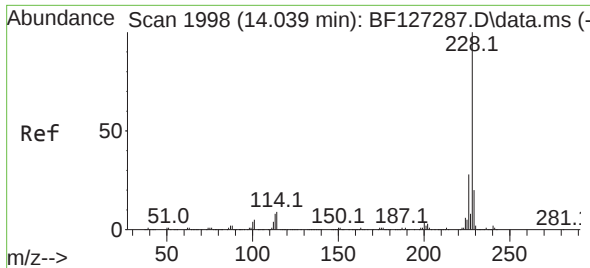
Reviewed By :Christian Giraldo 03/15/2022
 Supervised By :Jagrut Upadhyay 03/15/2022



#80
 Butylbenzylphthalate
 Concen: 3.677 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF127315.D
 Acq: 14 Mar 2022 12:32

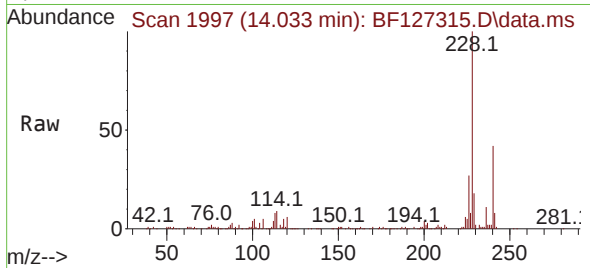
Tgt Ion:149 Resp: 38718
 Ion Ratio Lower Upper
 149 100
 91 73.8 70.5 105.7
 206 23.2 12.6 19.0





#81
Benzo(a)anthracene
Concen: 4.084 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

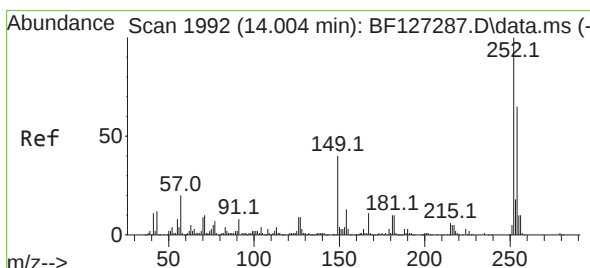
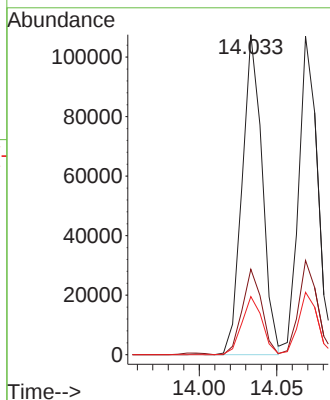
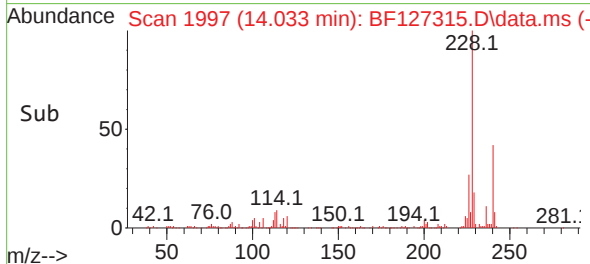
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2022



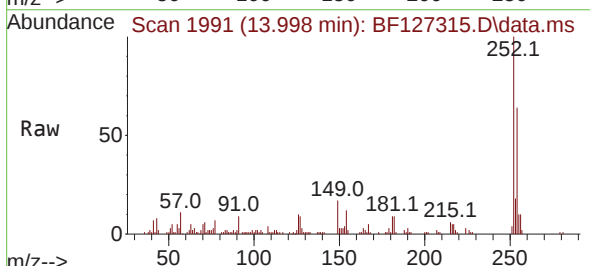
Tgt Ion:228 Resp: 96594
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 18.1 15.4 23.2

Manual Integrations
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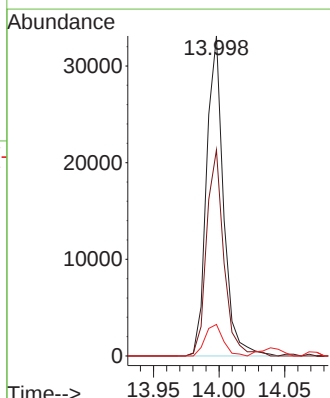
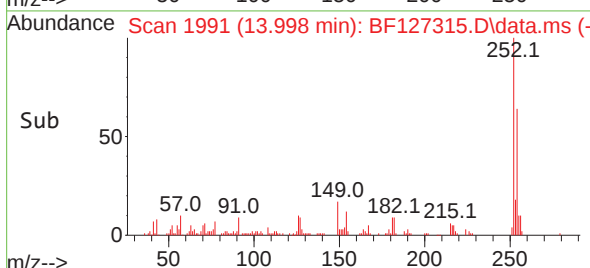
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

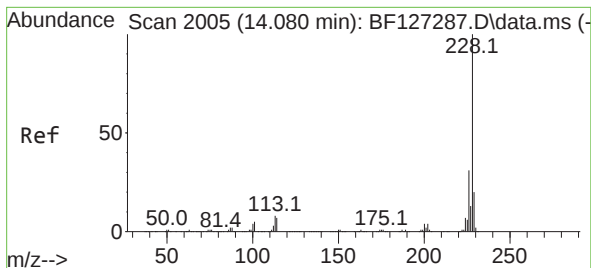


#82
3,3'-Dichlorobenzidine
Concen: 4.054 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



Tgt Ion:252 Resp: 29817
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.4
126 9.8 13.4 20.0#





#83

Chrysene

Concen: 4.129 ng

RT: 14.069 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

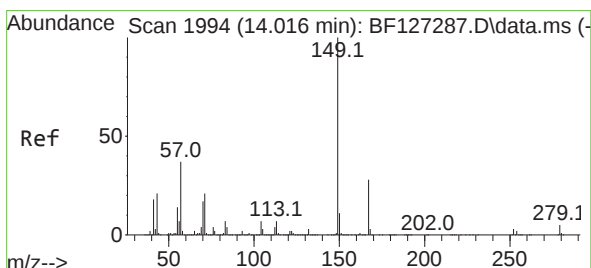
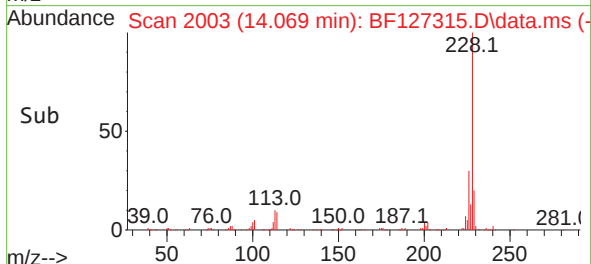
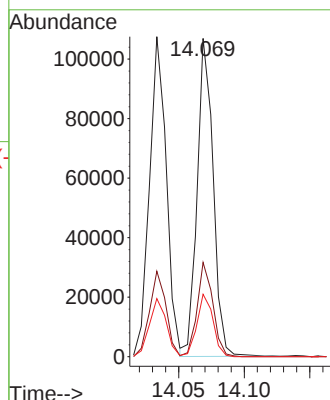
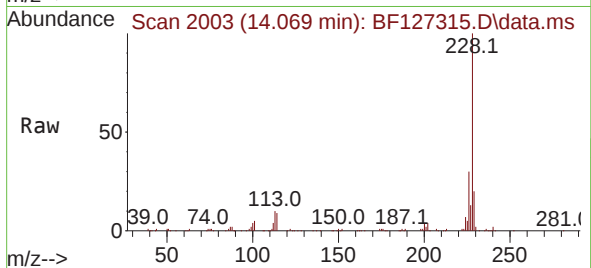
MDL-WATER-03-QT1-2022

Tgt Ion:228	Resp: 90830
Ion Ratio	Lower Upper
228 100	
226 29.6	23.7 35.5
229 19.6	15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.856 ng

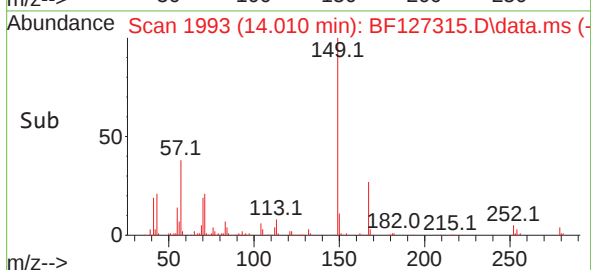
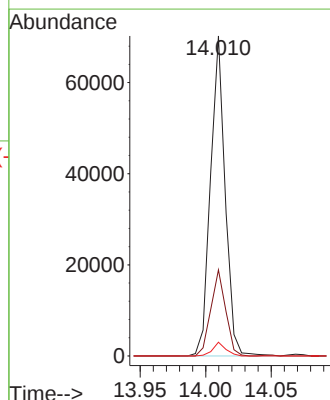
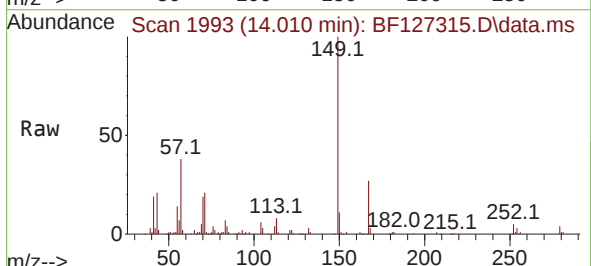
RT: 14.010 min Scan# 1993

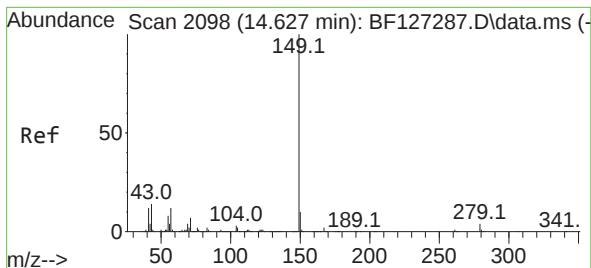
Delta R.T. -0.006 min

Lab File: BF127315.D

Acq: 14 Mar 2022 12:32

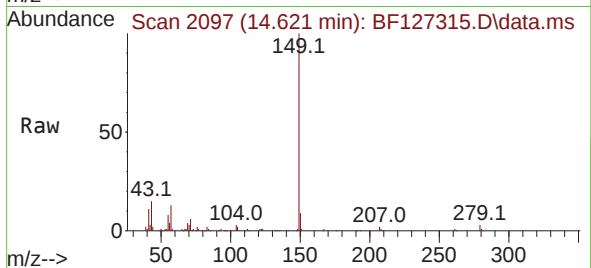
Tgt Ion:149	Resp: 54667
Ion Ratio	Lower Upper
149 100	
167 26.9	21.4 32.2
279 4.3	2.4 3.6





#85
Di-n-octyl phthalate
Concen: 3.842 ng
RT: 14.621 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

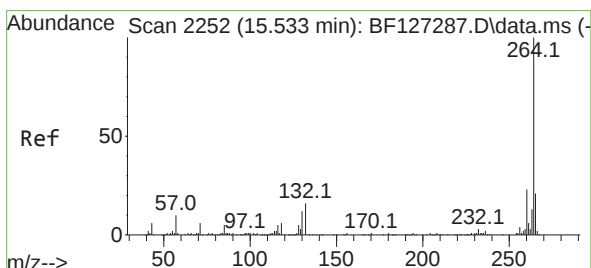
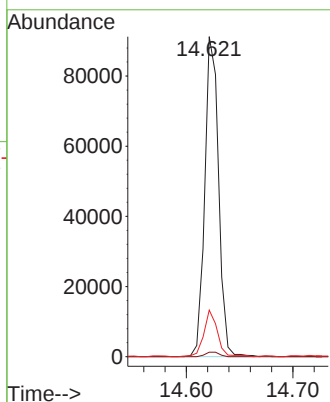
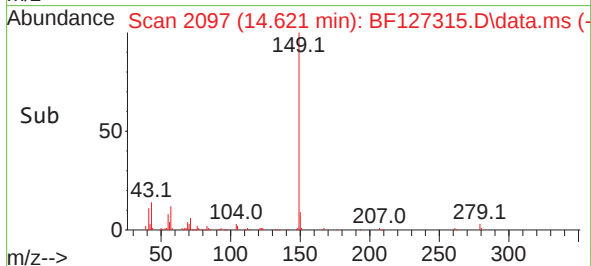
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2022



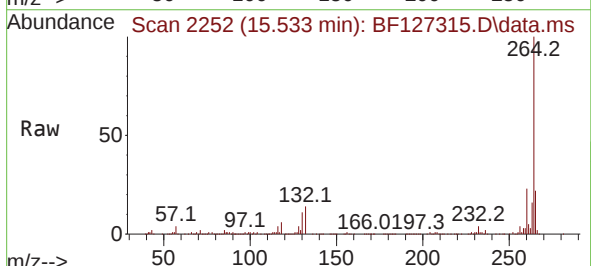
Tgt Ion:149 Resp: 82434
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 14.4 9.9 14.9

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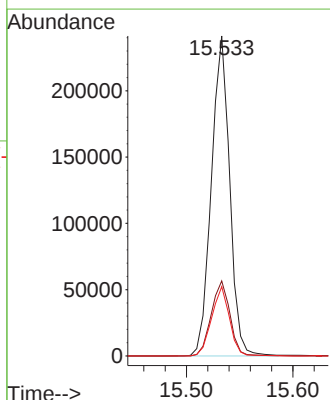
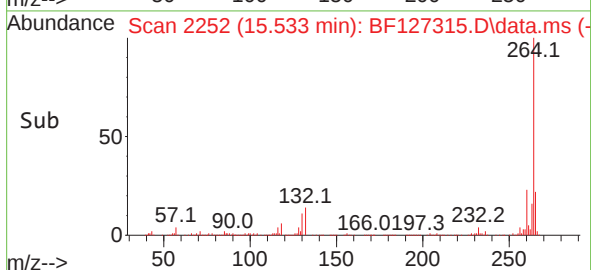
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

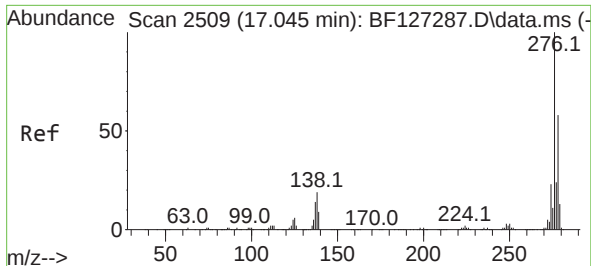


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



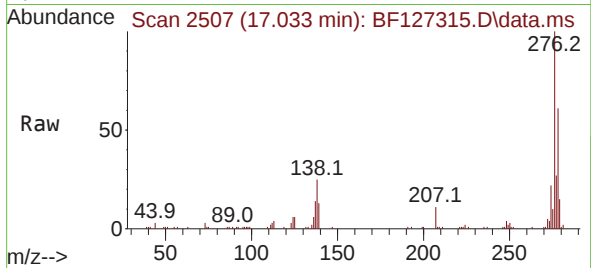
Tgt Ion:264 Resp: 287239
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.490 ng
RT: 17.033 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

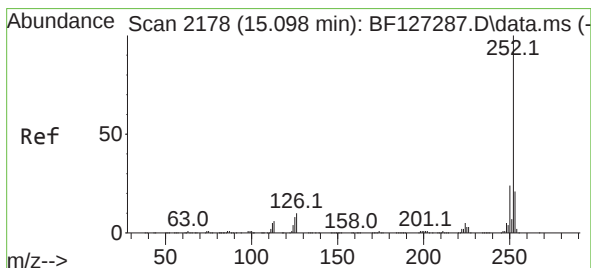
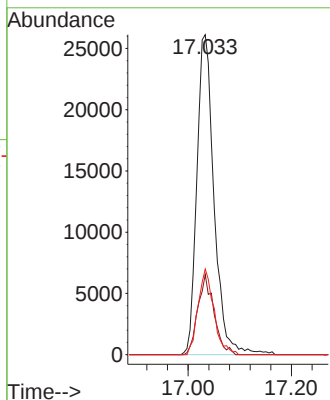
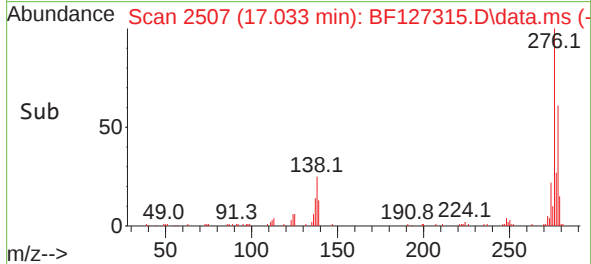
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2022



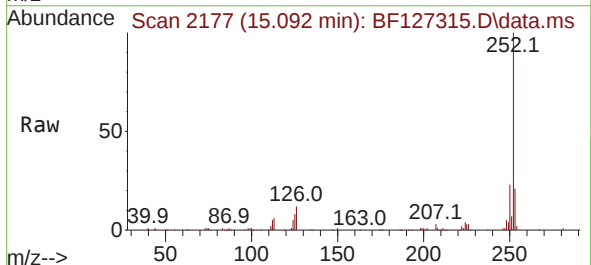
Tgt Ion: 276 Resp: 6039
Ion Ratio Lower Upper
276 100
138 23.4 29.2 43.8
277 24.6 19.8 29.8

Manual Integrations
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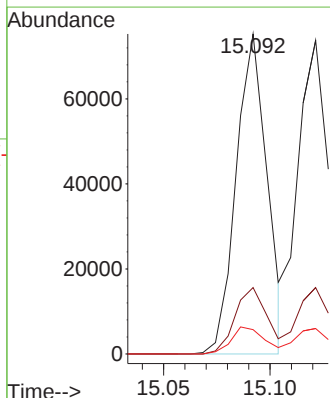
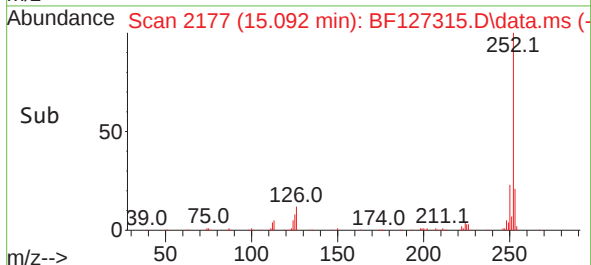
Reviewed By : Christian Giraldo 03/15/2022
Supervised By : Jagrut Upadhyay 03/15/2022

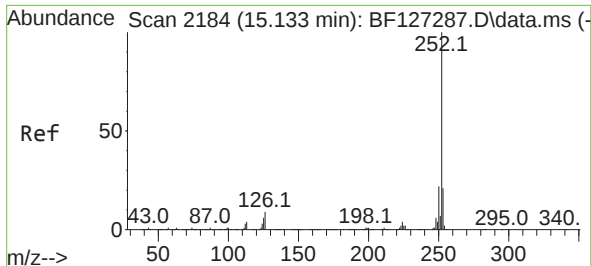


#88
Benzo(b)fluoranthene
Concen: 4.043 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32



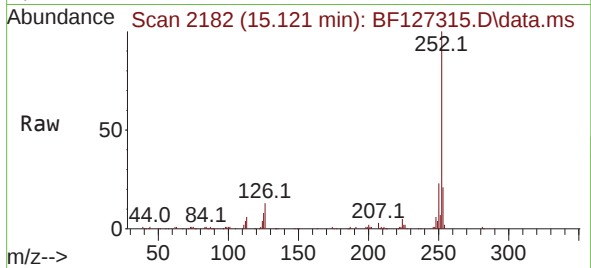
Tgt Ion: 252 Resp: 76220
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.8
125 7.6 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 4.446 ng
RT: 15.121 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

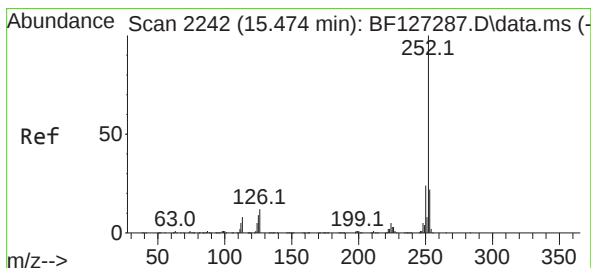
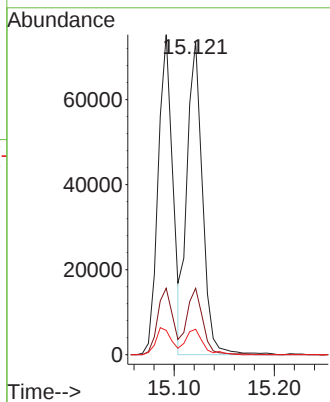
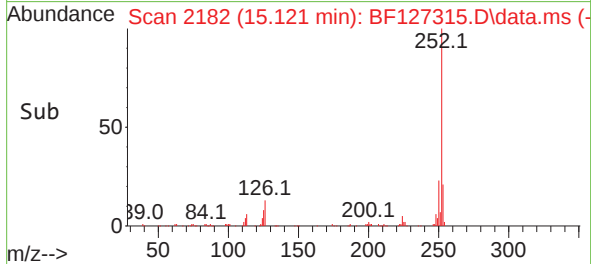
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2022



Tgt Ion:252 Resp: 7881
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 8.1 11.8 17.6

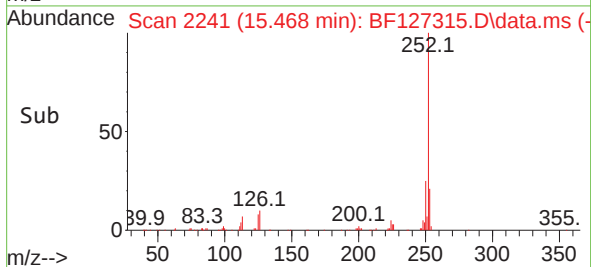
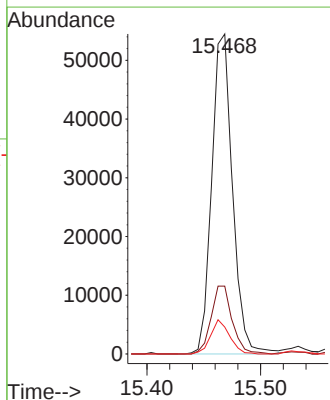
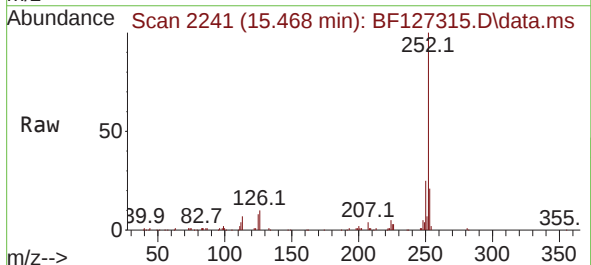
Manual Integrations
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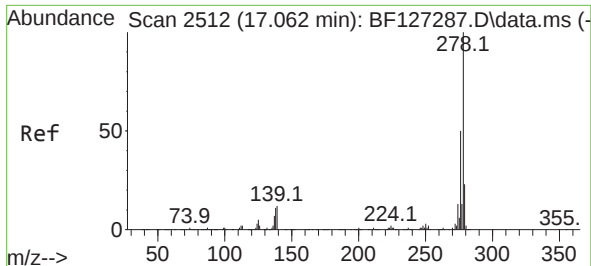
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#90
Benzo(a)pyrene
Concen: 4.669 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

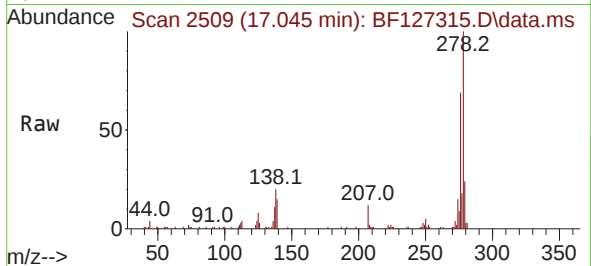
Tgt Ion:252 Resp: 69320
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 8.4 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 3.626 ng
RT: 17.045 min Scan# 2509
Delta R.T. -0.018 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

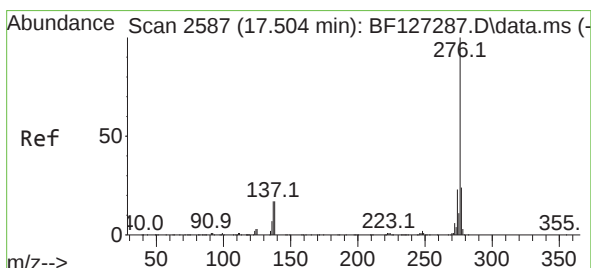
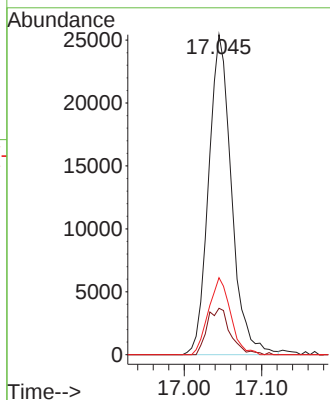
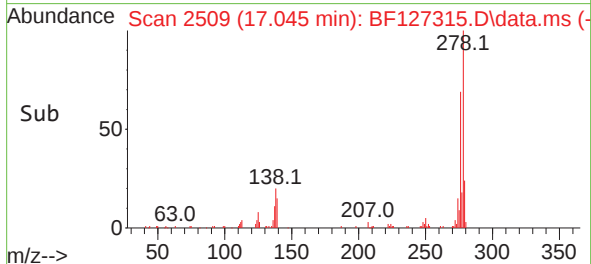
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2022



Tgt Ion: 278 Resp: 5221
Ion Ratio Lower Upper
278 100
139 14.5 18.0 27.0
279 24.0 18.6 27.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/15/2022
Supervised By : Jagrut Upadhyay 03/15/2022



#92
Benzo(g,h,i)perylene
Concen: 3.617 ng
RT: 17.486 min Scan# 2584
Delta R.T. -0.018 min
Lab File: BF127315.D
Acq: 14 Mar 2022 12:32

Tgt Ion: 276 Resp: 50810
Ion Ratio Lower Upper
276 100
277 25.2 18.5 27.7
138 21.5 25.9 38.9

