

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131327.D
 Acq On : 22 Nov 2022 13:04
 Operator : CG\JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER-4ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Nov 23 03:43:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 03:40:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	109625	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	404787	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	246619	20.000	ng	-0.01
64) Phenanthrene-d10	11.516	188	473838	20.000	ng	0.00
76) Chrysene-d12	14.168	240	334246	20.000	ng	#-0.01
86) Perylene-d12	15.710	264	244364	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	543141	94.296	ng	0.00
7) Phenol-d6	6.581	99	684054	93.080	ng	0.00
23) Nitrobenzene-d5	7.534	82	535237	66.654	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	221353	106.685	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1061982	62.647	ng	0.00
79) Terphenyl-d14	13.116	244	1288466	63.037	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	9940	3.620	ng	98
3) Pyridine	3.581	79	25185m	3.303	ng	
4) n-Nitrosodimethylamine	3.481	42	15096	3.357	ng	94
6) Aniline	6.622	93	37290	3.872	ng	96
8) 2-Chlorophenol	6.745	128	25781	3.951	ng	95
9) Benzaldehyde	6.516	77	23511	4.553	ng	94
10) Phenol	6.587	94	29225	3.587	ng	# 77
11) bis(2-Chloroethyl)ether	6.692	93	24952	3.655	ng	97
12) 1,3-Dichlorobenzene	6.904	146	28932	3.720	ng	98
13) 1,4-Dichlorobenzene	6.981	146	29442	3.726	ng	97
14) 1,2-Dichlorobenzene	7.134	146	27526	3.783	ng	98
15) Benzyl Alcohol	7.122	79	20781	3.449	ng	# 63
16) 2,2'-oxybis(1-Chloropr...	7.234	45	47596	3.646	ng	96
17) 2-Methylphenol	7.198	107	20240	3.639	ng	95
18) Hexachloroethane	7.481	117	10511	3.718	ng	100
19) n-Nitroso-di-n-propyla...	7.369	70	20266	3.767	ng	# 97
20) 3+4-Methylphenols	7.351	107	25170m	3.544	ng	
22) Acetophenone	7.369	105	40738	3.954	ng	97
24) Nitrobenzene	7.545	77	30528	3.649	ng	98
25) Isophorone	7.781	82	53981	3.768	ng	95
26) 2-Nitrophenol	7.863	139	8133	3.633	ng	98
27) 2,4-Dimethylphenol	7.892	122	21351	3.844	ng	98
28) bis(2-Chloroethoxy)met...	7.992	93	31310	3.848	ng	99
29) 2,4-Dichlorophenol	8.098	162	21015	3.488	ng	98
30) 1,2,4-Trichlorobenzene	8.192	180	25990	3.483	ng	98
31) Naphthalene	8.275	128	77353	3.586	ng	99
32) Benzoic acid	7.928	122	6776m	2.146	ng	
33) 4-Chloroaniline	8.316	127	31166	3.662	ng	96
34) Hexachlorobutadiene	8.392	225	17627	3.648	ng	97
35) Caprolactam	8.645	113	5915	3.736	ng	# 82
36) 4-Chloro-3-methylphenol	8.792	107	20968	3.350	ng	96
37) 2-Methylnaphthalene	8.969	142	54611	3.737	ng	100
38) 1-Methylnaphthalene	9.069	142	51737	3.650	ng	95
40) 1,2,4,5-Tetrachloroben...	9.133	216	29020	3.626	ng	99
41) Hexachlorocyclopentadiene	9.122	237	13319	3.702	ng	93
43) 2,4,6-Trichlorophenol	9.239	196	13453	2.963	ng	93

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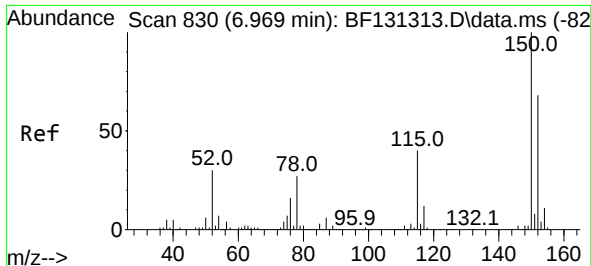
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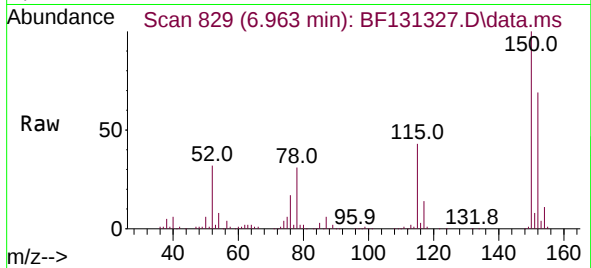
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	16151	3.164	ng	97
46) 1,1'-Biphenyl	9.433	154	72586	3.857	ng	98
47) 2-Chloronaphthalene	9.457	162	54327	3.598	ng	95
48) 2-Nitroaniline	9.551	65	14550	3.174	ng	94
49) Acenaphthylene	9.875	152	83213	3.616	ng	99
50) Dimethylphthalate	9.728	163	63460	3.693	ng	100
51) 2,6-Dinitrotoluene	9.792	165	11204	3.260	ng	92
52) Acenaphthene	10.051	154	51739	3.590	ng	97
53) 3-Nitroaniline	9.963	138	11892	3.368	ng	95
55) Dibenzofuran	10.222	168	77680	3.747	ng	96
56) 4-Nitrophenol	10.104	139	7230	2.950	ng	88
57) 2,4-Dinitrotoluene	10.192	165	12768	2.953	ng	95
58) Fluorene	10.569	166	63788	3.942	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.333	232	13299	3.128	ng	95
60) Diethylphthalate	10.433	149	63236	3.898	ng	99
61) 4-Chlorophenyl-phenyle...	10.563	204	32901	3.966	ng	96
62) 4-Nitroaniline	10.569	138	11668	3.320	ng	96
63) Azobenzene	10.722	77	63912	3.664	ng	95
66) n-Nitrosodiphenylamine	10.675	169	54745	3.626	ng	96
67) 4-Bromophenyl-phenylether	11.051	248	19806	3.410	ng	94
68) Hexachlorobenzene	11.116	284	22901	3.715	ng	# 89
69) Atrazine	11.198	200	18653	4.012	ng	96
70) Pentachlorophenol	11.304	266	7504	2.373	ng	98
71) Phenanthrene	11.533	178	93498	3.651	ng	99
72) Anthracene	11.586	178	93608	3.720	ng	98
73) Carbazole	11.739	167	79929	3.723	ng	100
74) Di-n-butylphthalate	12.074	149	94835	3.749	ng	98
75) Fluoranthene	12.733	202	99104	3.673	ng	97
77) Benzidine	12.857	184	37852	6.131	ng	# 93
78) Pyrene	12.963	202	100962	3.424	ng	98
80) Butylbenzylphthalate	13.586	149	25810	3.037	ng	99
81) Benzo(a)anthracene	14.157	228	79519	3.471	ng	99
82) 3,3'-Dichlorobenzidine	14.121	252	20973	3.450	ng	97
83) Chrysene	14.192	228	74391	3.310	ng	98
84) Bis(2-ethylhexyl)phtha...	14.145	149	35860	3.127	ng	98
85) Di-n-octyl phthalate	14.774	149	39710	2.296	ng	97
87) Indeno(1,2,3-cd)pyrene	17.274	276	44018	2.682	ng	96
88) Benzo(b)fluoranthene	15.245	252	54096m	3.332	ng	
89) Benzo(k)fluoranthene	15.280	252	56497	3.387	ng	98
90) Benzo(a)pyrene	15.639	252	44261	3.323	ng	# 97
91) Dibenzo(a,h)anthracene	17.304	278	38782	2.862	ng	98
92) Benzo(g,h,i)perylene	17.751	276	39166	2.896	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

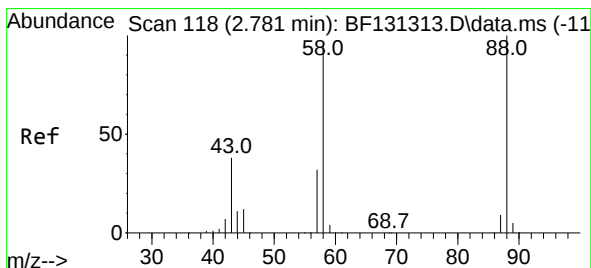
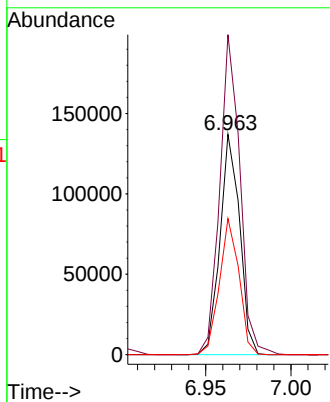
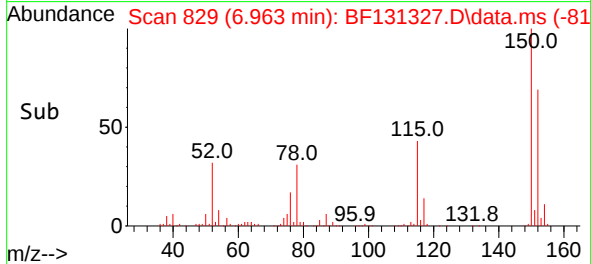
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:152 Resp: 109625
Ion Ratio Lower Upper
152 100
150 145.3 117.8 176.8
115 61.8 47.1 70.7

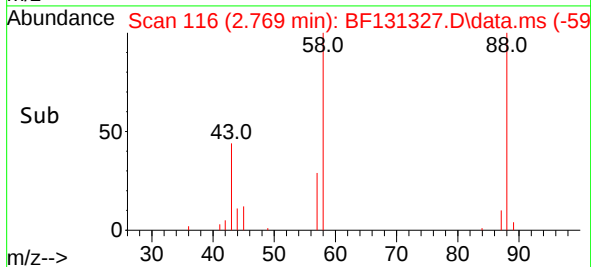
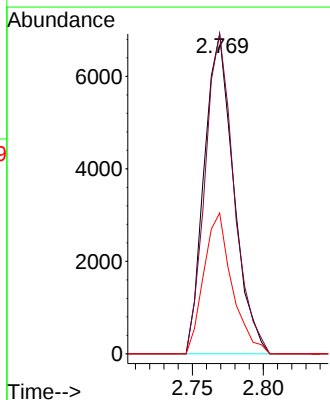
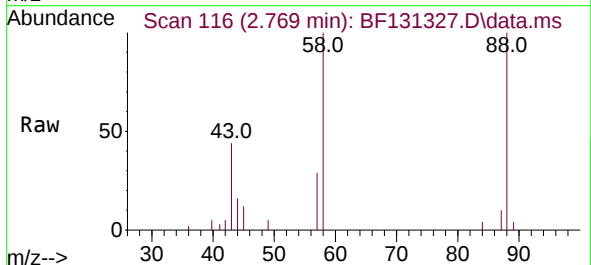
Manual Integrations
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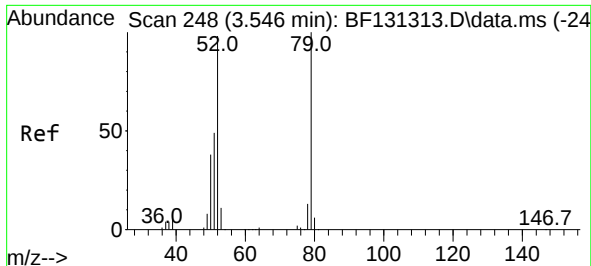
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#2
1,4-Dioxane
Concen: 3.620 ng
RT: 2.769 min Scan# 116
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

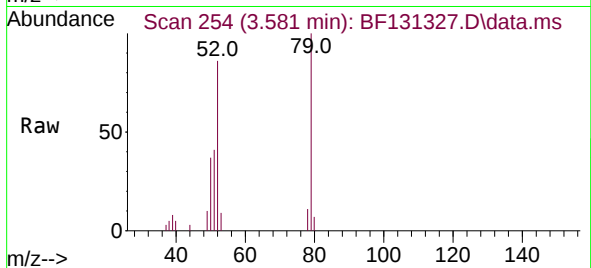
Tgt Ion: 88 Resp: 9940
Ion Ratio Lower Upper
88 100
58 98.6 78.2 117.4
43 42.5 31.6 47.4





#3
Pyridine
Concen: 3.303 ng m
RT: 3.581 min Scan# 248
Delta R.T. 0.035 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

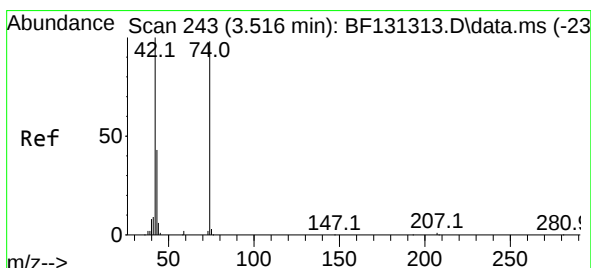
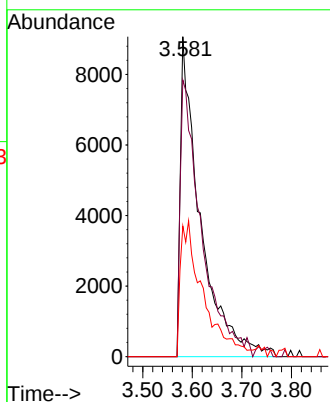
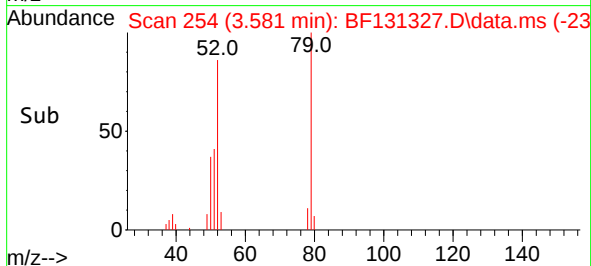
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



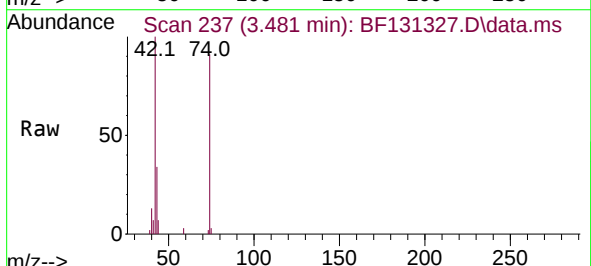
Tgt Ion: 79 Resp: 25185
Ion Ratio Lower Upper
79 100
52 86.4 78.7 118.1
51 40.8 39.3 58.9

Manual Integrations
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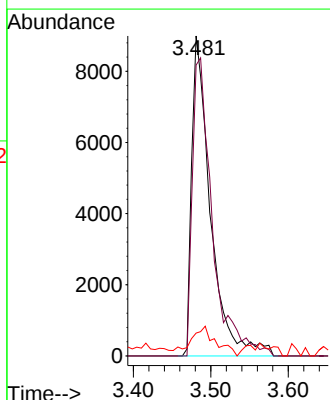
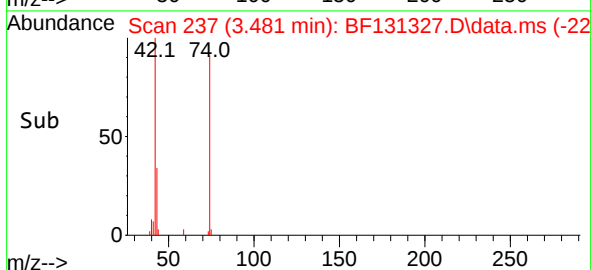
Reviewed By :Christian Giraldo 11/23/2022
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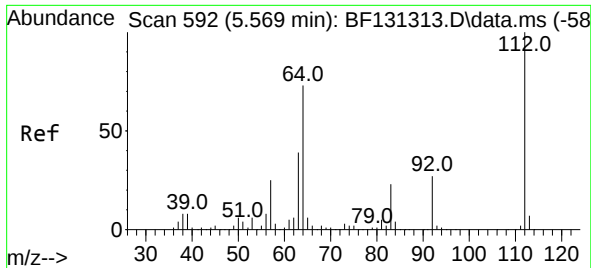


#4
n-Nitrosodimethylamine
Concen: 3.357 ng
RT: 3.481 min Scan# 237
Delta R.T. -0.035 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



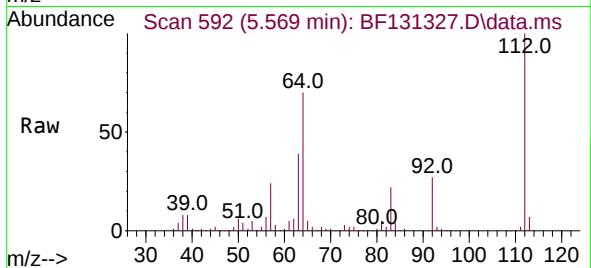
Tgt Ion: 42 Resp: 15096
Ion Ratio Lower Upper
42 100
74 90.9 78.0 117.0
44 7.1 5.2 7.8





#5
2-Fluorophenol
Concen: 94.296 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

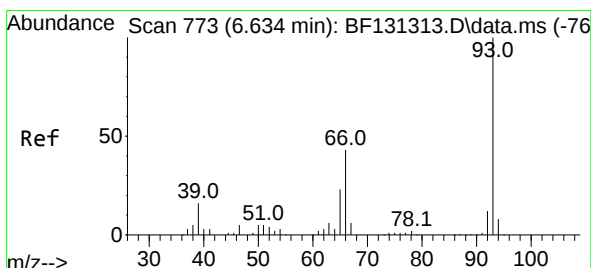
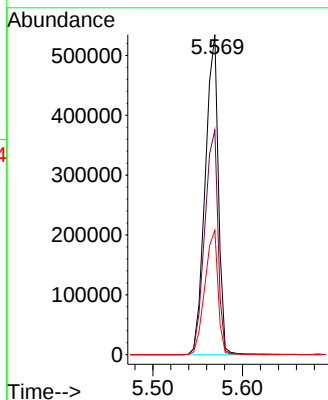
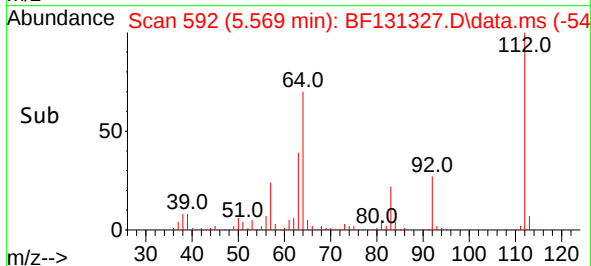
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:112 Resp: 54314
Ion Ratio Lower Upper
112 100
64 70.2 58.6 88.0
63 38.9 31.4 47.0

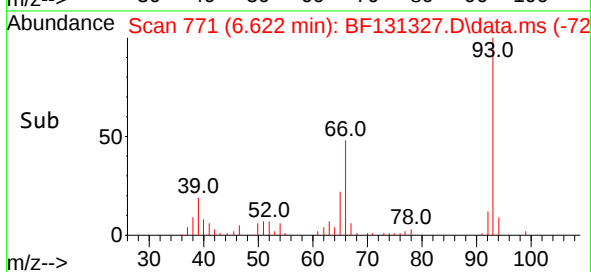
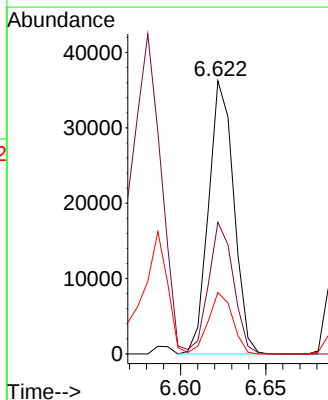
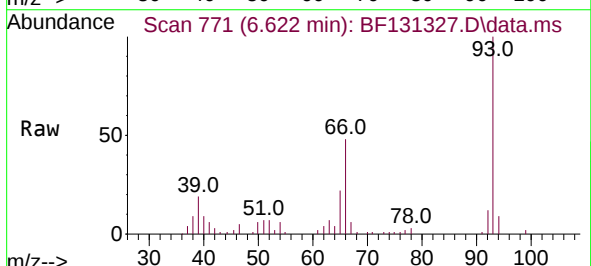
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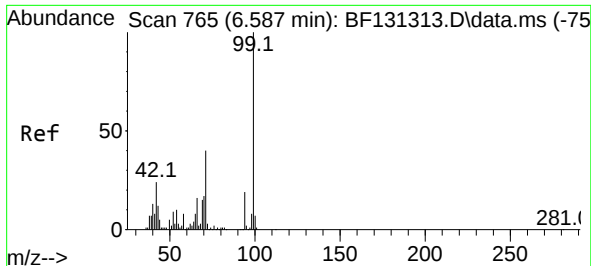
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#6
Aniline
Concen: 3.872 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Tgt Ion: 93 Resp: 37290
Ion Ratio Lower Upper
93 100
66 48.2 35.6 53.4
65 22.5 18.4 27.6





#7

Phenol-d6

Concen: 93.080 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF131327.D

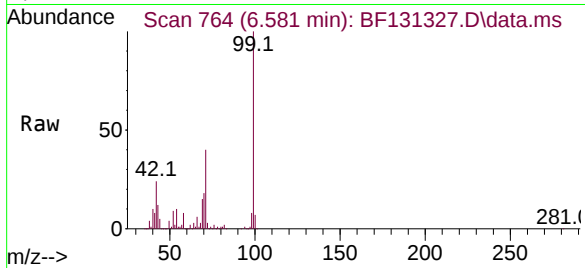
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Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

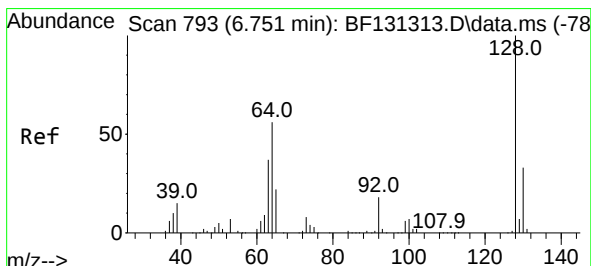
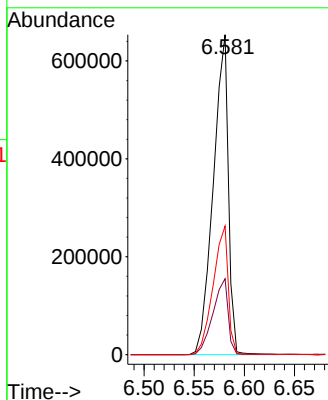
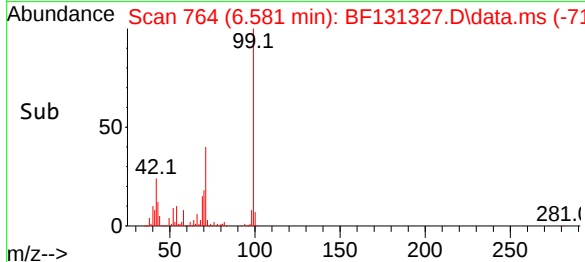


Tgt Ion: 99 Resp: 684054

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.4	29.2
71	40.2	32.3	48.5

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#8

2-Chlorophenol

Concen: 3.951 ng

RT: 6.745 min Scan# 792

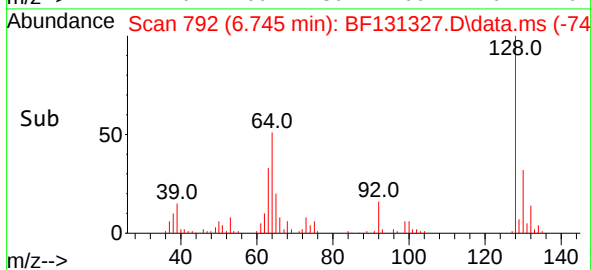
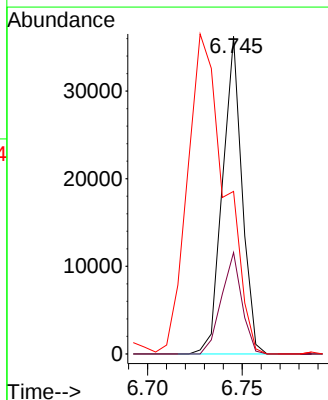
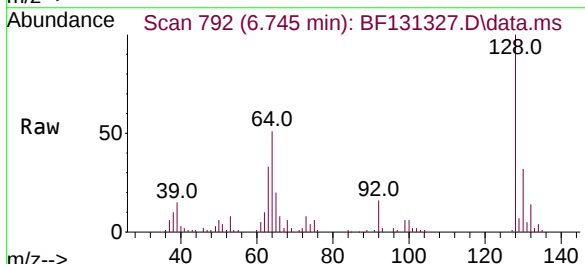
Delta R.T. -0.006 min

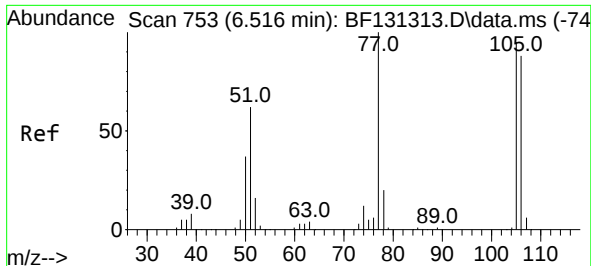
Lab File: BF131327.D

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Tgt Ion:128 Resp: 25781

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.5	52.5
64	51.2	36.9	76.9





#9

Benzaldehyde

Concen: 4.553 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Instrument :

BNA_F

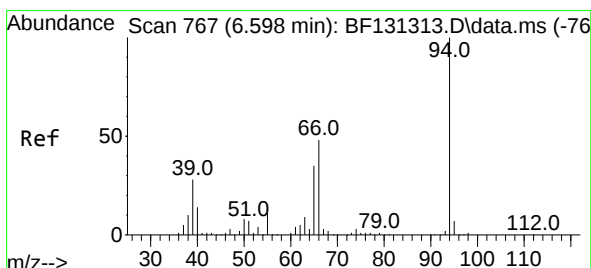
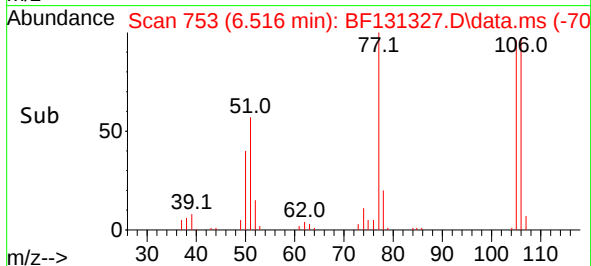
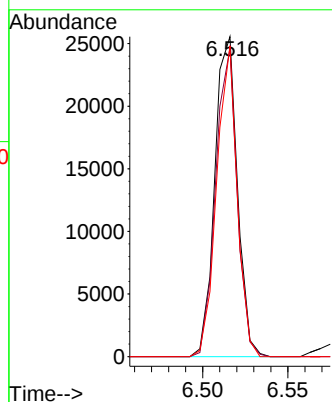
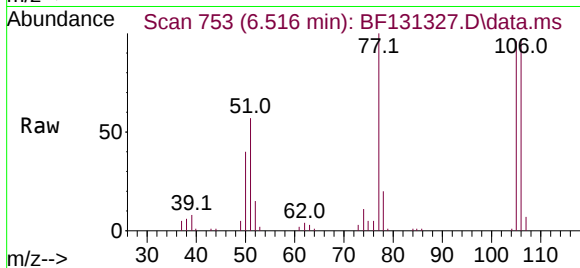
ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 77	Resp: 2351
Ion Ratio	Lower Upper
77 100	
105 96.4	74.5 114.5
106 97.1	68.1 108.1

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#10

Phenol

Concen: 3.587 ng

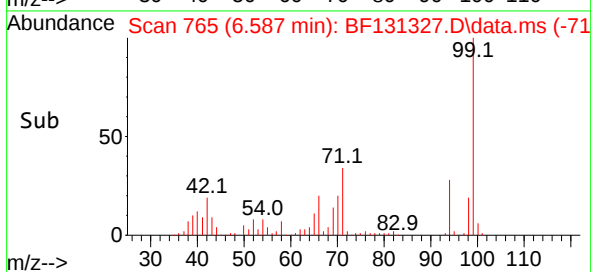
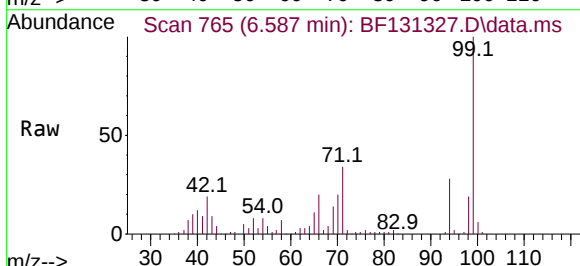
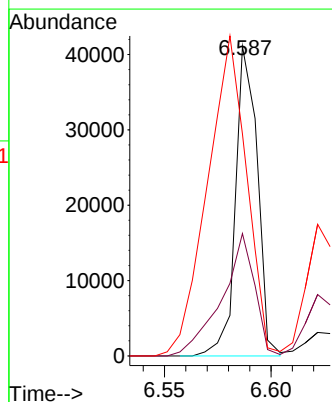
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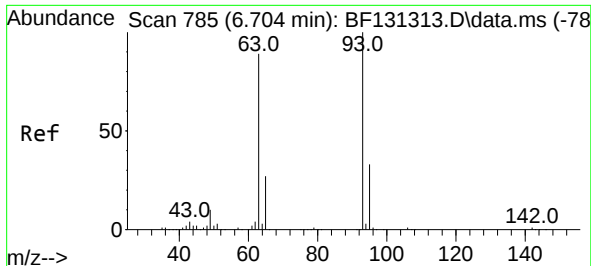
Delta R.T. -0.012 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Tgt Ion: 94	Resp: 29225
Ion Ratio	Lower Upper
94 100	
65 39.5	15.0 55.0
66 71.7	28.6 68.6





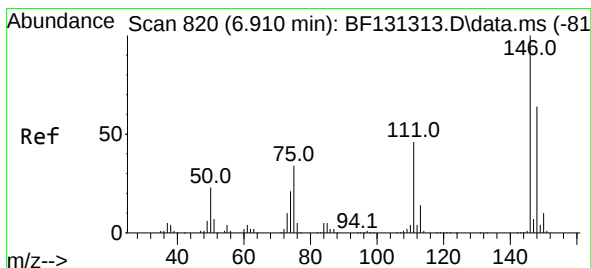
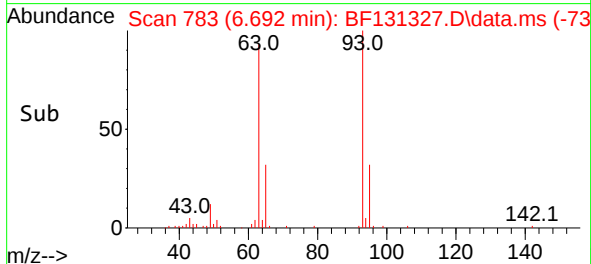
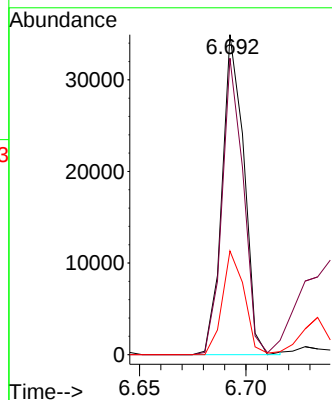
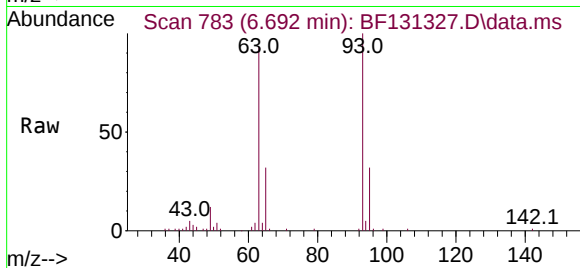
#11
bis(2-Chloroethyl)ether
Concen: 3.655 ng
RT: 6.692 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Instrument :
BNA_F
Client Sample Id :
MDL-WATER-03-QT4-2022

Tgt Ion: 93 Resp: 24952
Ion Ratio Lower Upper
93 100
63 92.6 68.6 108.6
95 32.4 13.1 53.1

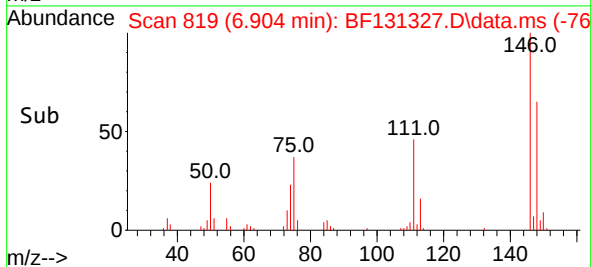
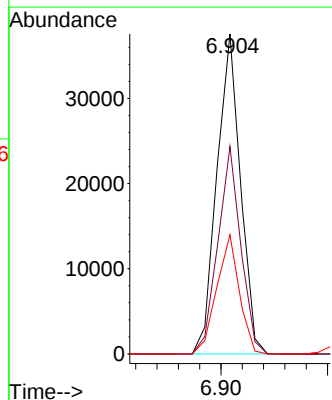
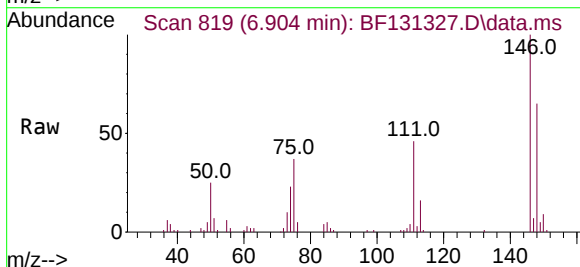
Manual Integrations
APPROVED

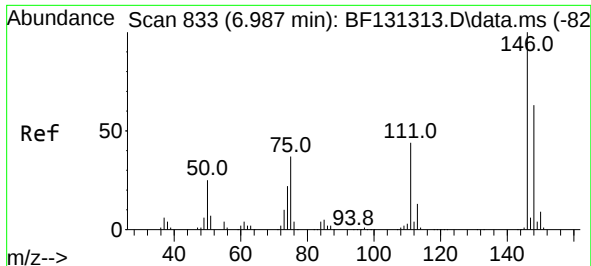
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#12
1,3-Dichlorobenzene
Concen: 3.720 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

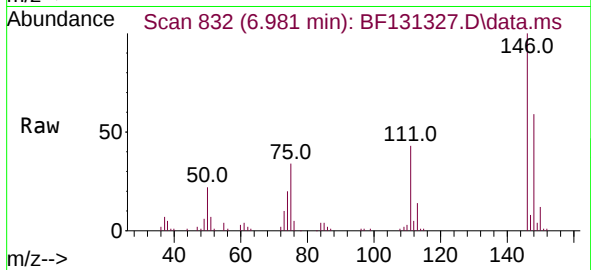
Tgt Ion:146 Resp: 28932
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 37.2 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 3.726 ng
RT: 6.981 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

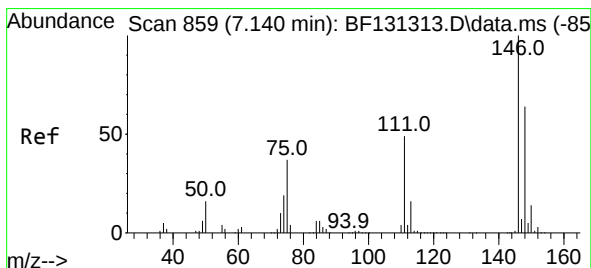
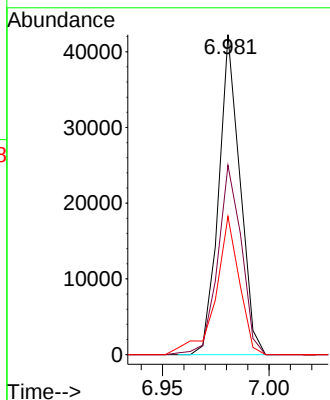
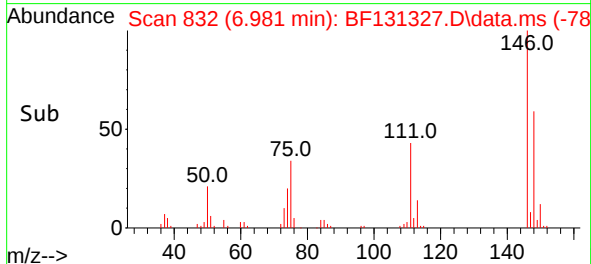
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:146 Resp: 29442
Ion Ratio Lower Upper
146 100
148 59.2 50.2 75.2
111 43.2 35.0 52.6

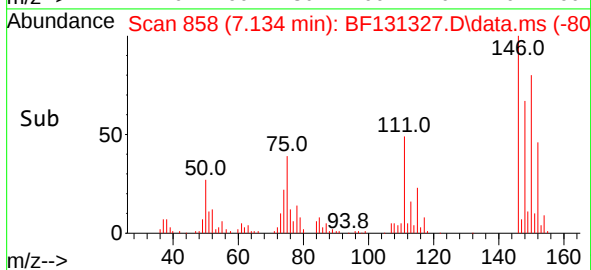
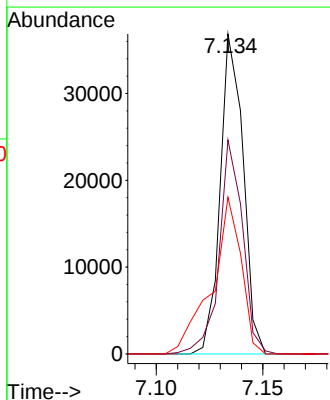
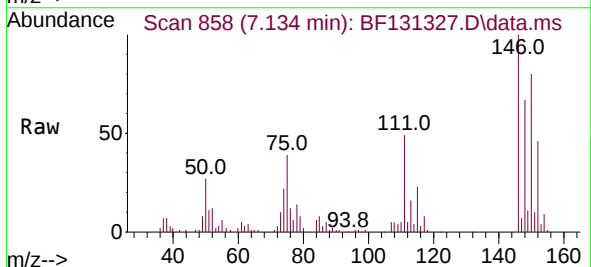
Manual Integrations
APPROVED

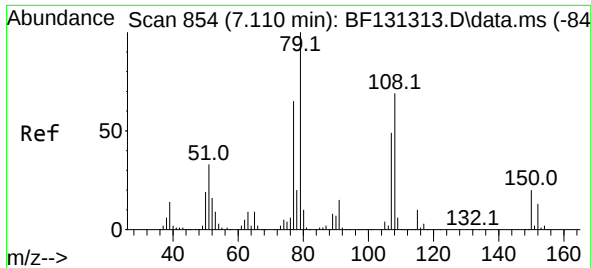
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#14
1,2-Dichlorobenzene
Concen: 3.783 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

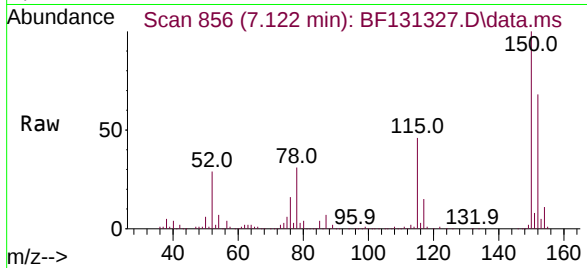
Tgt Ion:146 Resp: 27526
Ion Ratio Lower Upper
146 100
148 66.8 51.4 77.0
111 48.9 39.4 59.0





#15
Benzyl Alcohol
Concen: 3.449 ng
RT: 7.122 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

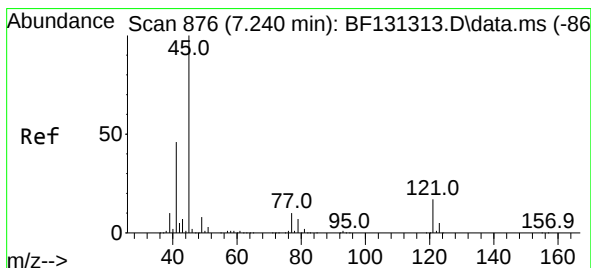
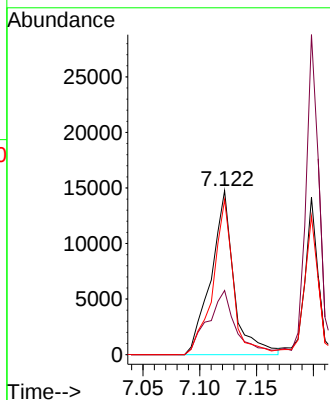
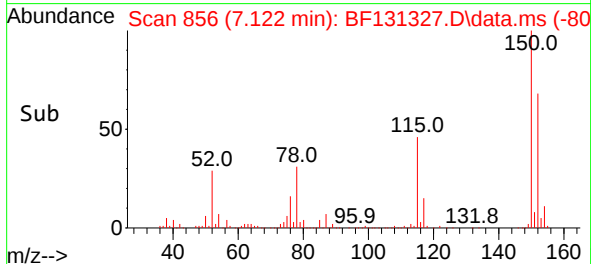
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



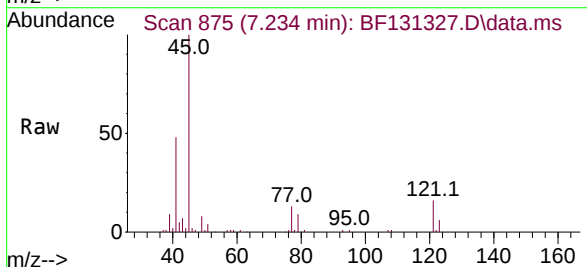
Tgt Ion: 79 Resp: 2078
Ion Ratio Lower Upper
79 100
108 39.1 55.1 82.7
77 94.6 51.8 77.8

Manual Integrations
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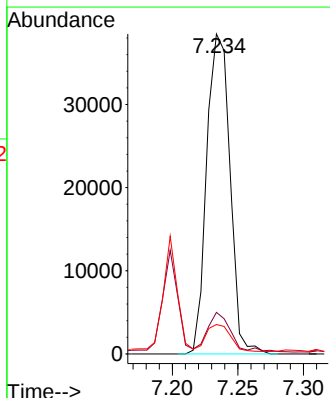
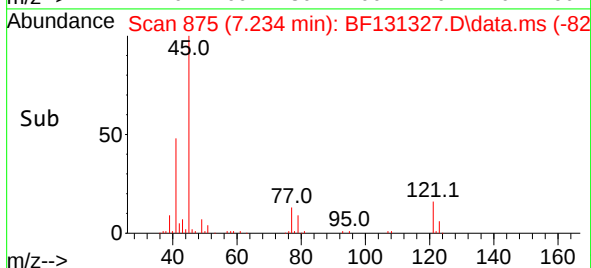
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

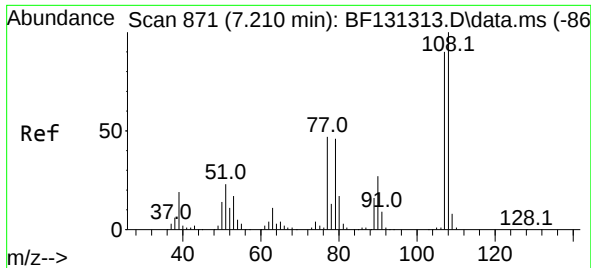


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.646 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



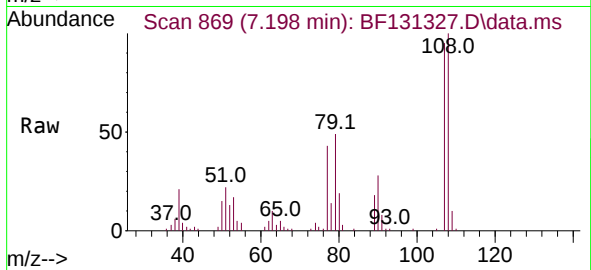
Tgt Ion: 45 Resp: 47596
Ion Ratio Lower Upper
45 100
77 13.0 0.0 31.2
79 9.2 0.0 28.4





#17
2-Methylphenol
Concen: 3.639 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

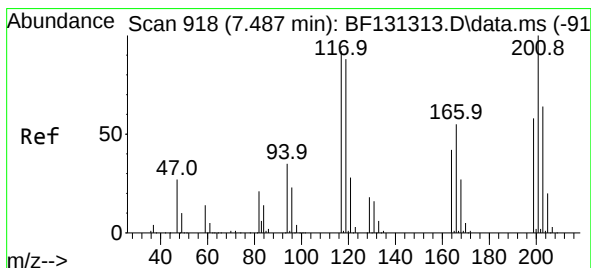
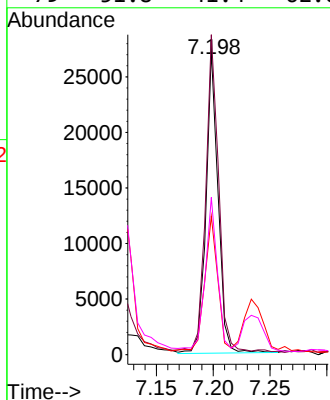
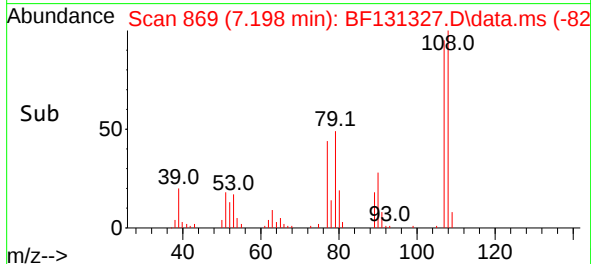
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:107 Resp: 20240
Ion Ratio Lower Upper
107 100
108 105.4 89.0 133.6
77 45.6 42.5 63.7
79 51.8 41.4 62.0

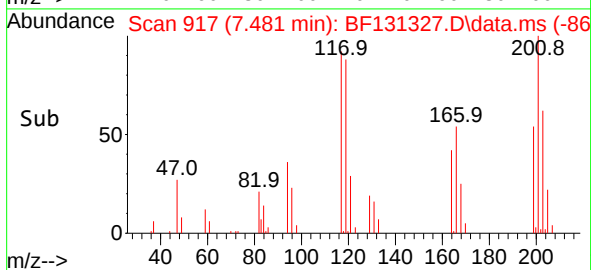
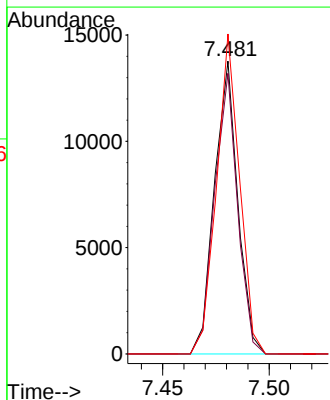
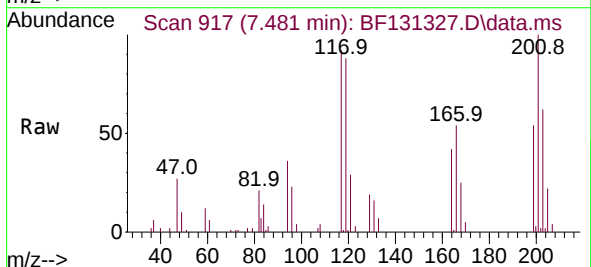
Manual Integrations
APPROVED

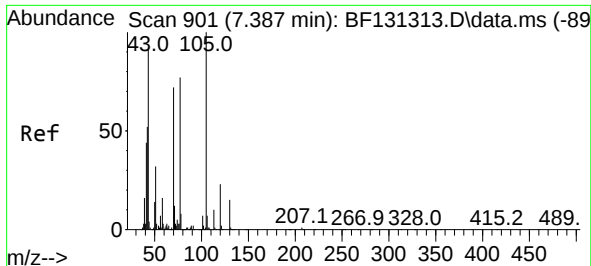
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#18
Hexachloroethane
Concen: 3.718 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

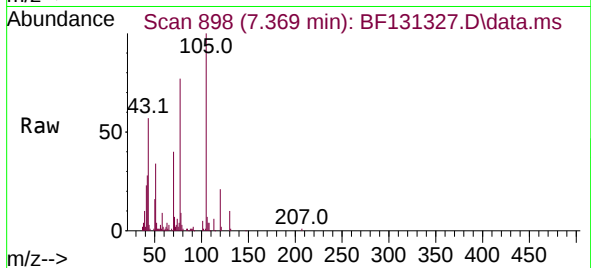
Tgt Ion:117 Resp: 10511
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
201 109.3 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 3.767 ng
RT: 7.369 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

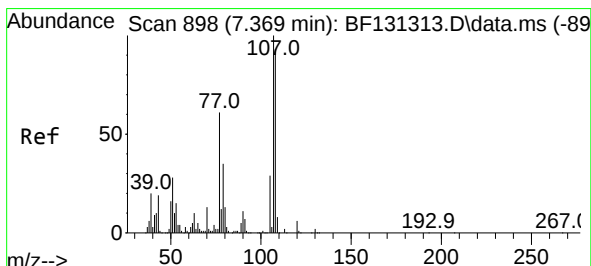
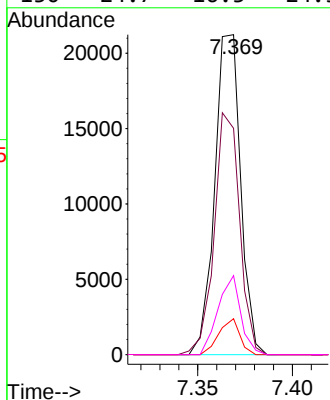
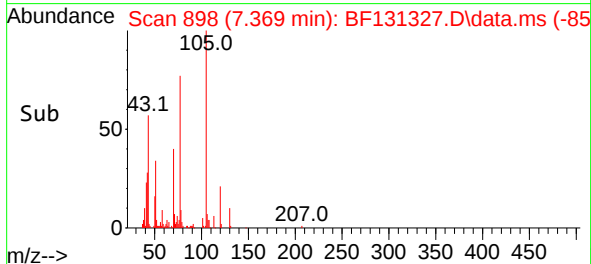
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



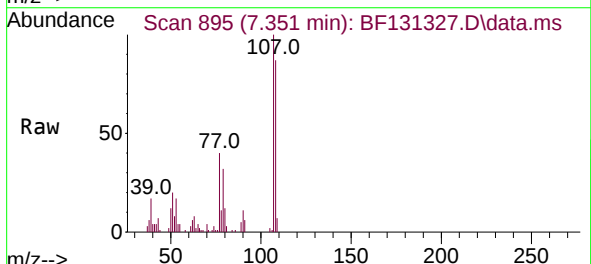
Tgt Ion: 70 Resp: 20266
Ion Ratio Lower Upper
70 100
42 70.7 57.6 86.4
101 11.2 8.2 12.2
130 24.7 16.3 24.5#

Manual Integrations
APPROVED

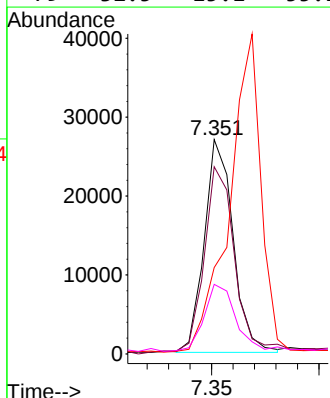
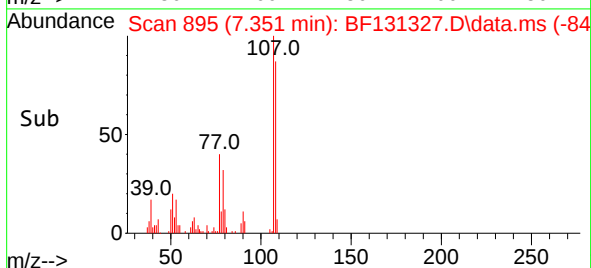
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

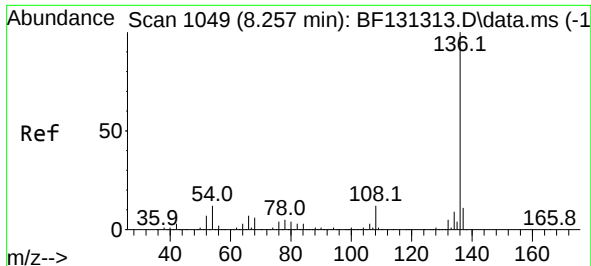


#20
3+4-Methylphenols
Concen: 3.544 ng m
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



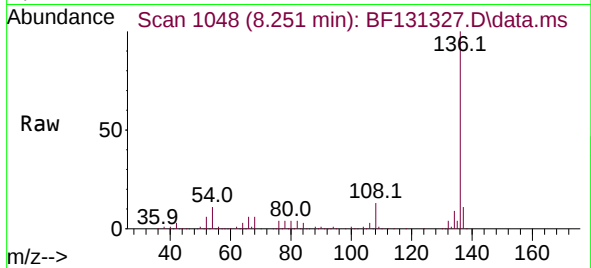
Tgt Ion: 107 Resp: 25170
Ion Ratio Lower Upper
107 100
108 87.4 72.6 112.6
77 40.3 41.4 81.4#
79 32.5 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

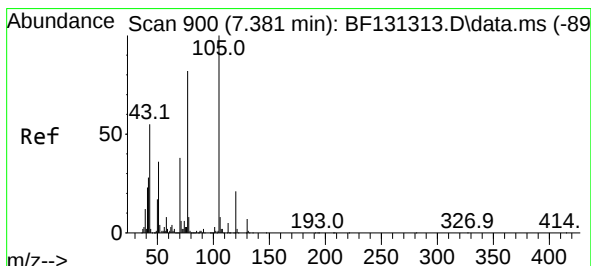
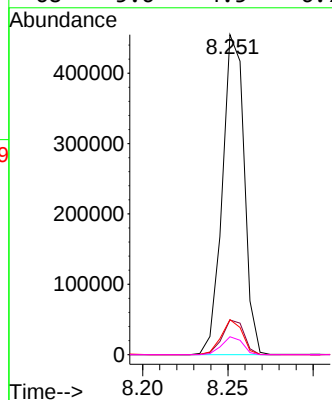
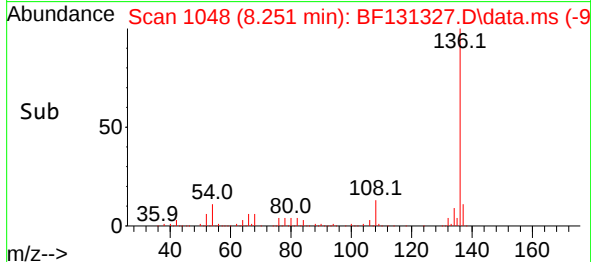
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



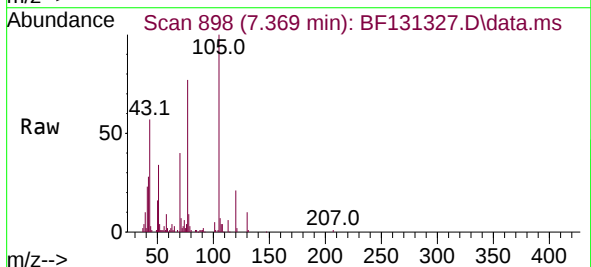
Tgt Ion:136 Resp: 40478
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.9 9.4 14.0
68 5.6 4.5 6.7

Manual Integrations
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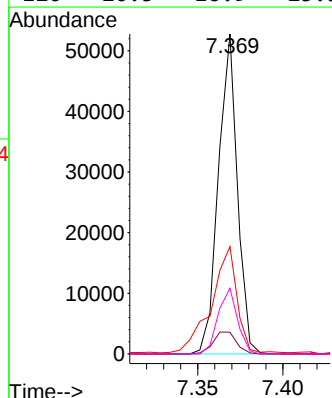
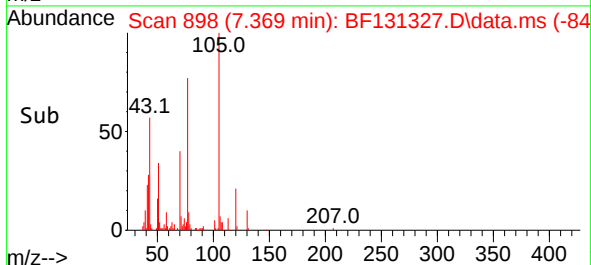
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

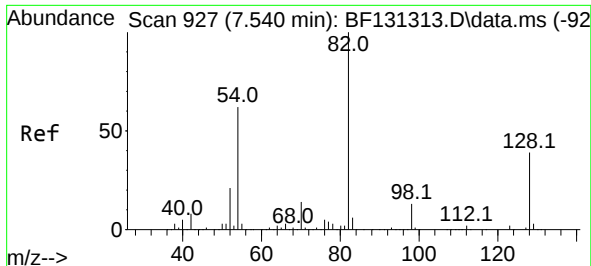


#22
Acetophenone
Concen: 3.954 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



Tgt Ion:105 Resp: 40738
Ion Ratio Lower Upper
105 100
71 6.8 4.9 7.3
51 33.6 29.0 43.4
120 20.5 16.9 25.3





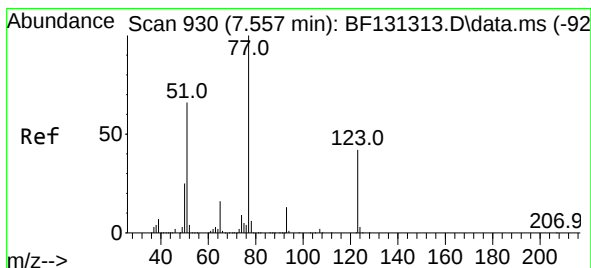
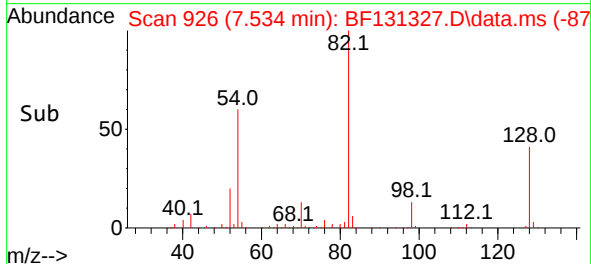
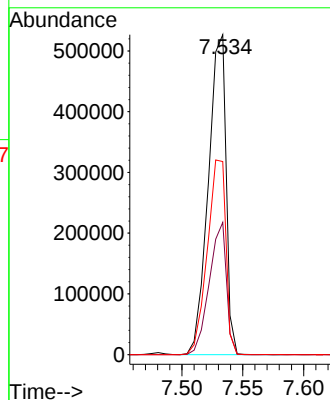
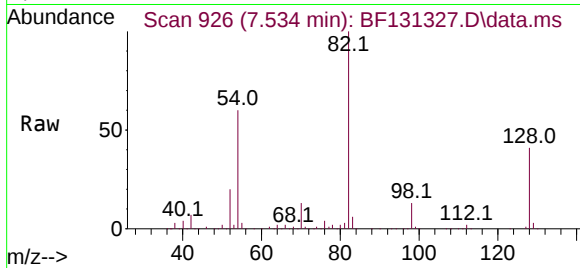
#23
Nitrobenzene-d5
Concen: 66.654 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 82 Resp: 53523
Ion Ratio Lower Upper
82 100
128 41.3 31.4 47.0
54 60.3 49.8 74.6

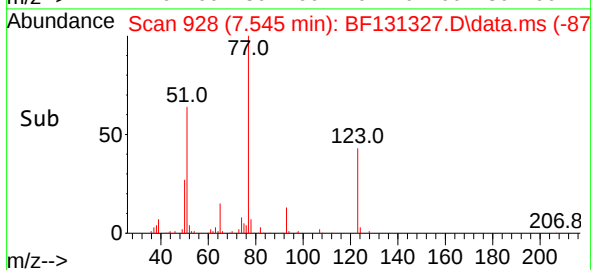
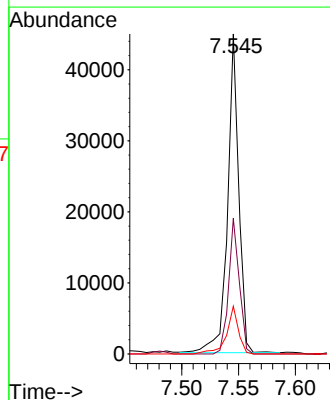
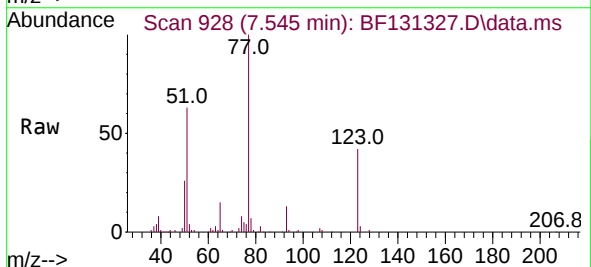
Manual Integrations
APPROVED

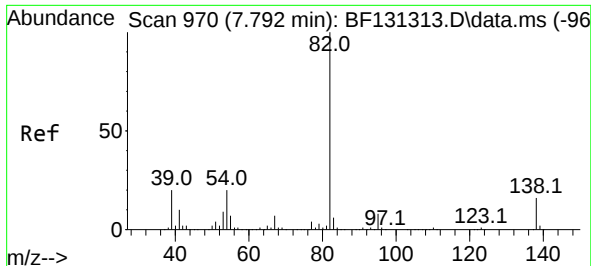
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#24
Nitrobenzene
Concen: 3.649 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Tgt Ion: 77 Resp: 30528
Ion Ratio Lower Upper
77 100
123 42.4 33.3 49.9
65 14.9 12.7 19.1





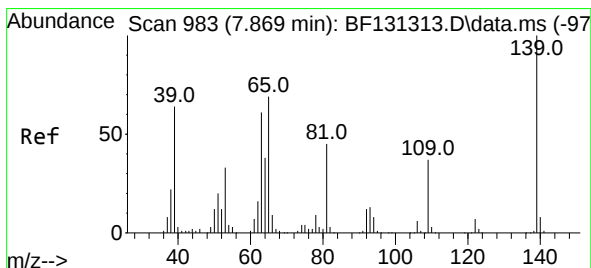
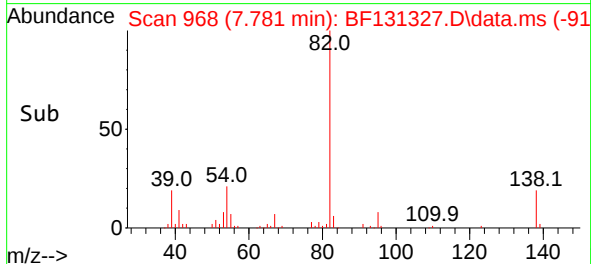
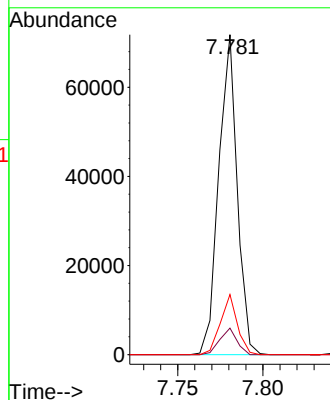
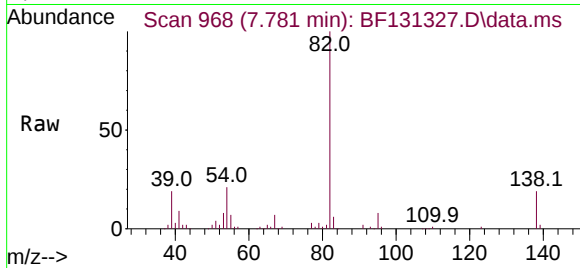
#25
Isophorone
Concen: 3.768 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 82 Resp: 5398
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.2
138 18.8 12.7 19.1

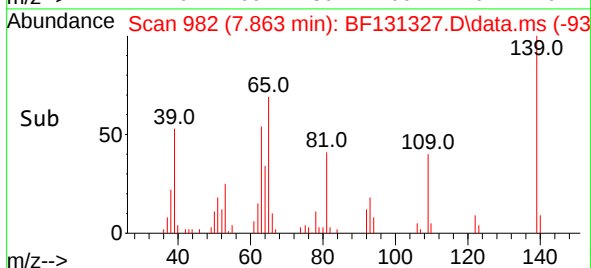
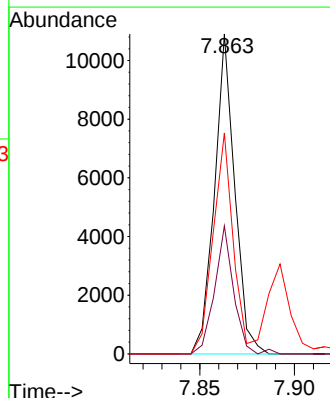
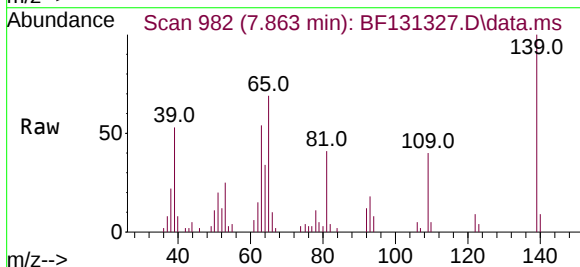
Manual Integrations
APPROVED

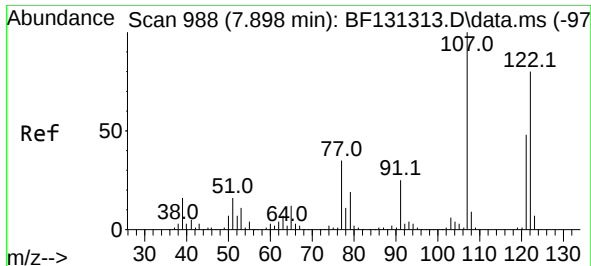
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#26
2-Nitrophenol
Concen: 3.633 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Tgt Ion:139 Resp: 8133
Ion Ratio Lower Upper
139 100
109 40.0 29.9 44.9
65 69.0 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 3.844 ng

RT: 7.892 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Instrument :

BNA_F

ClientSampleId :

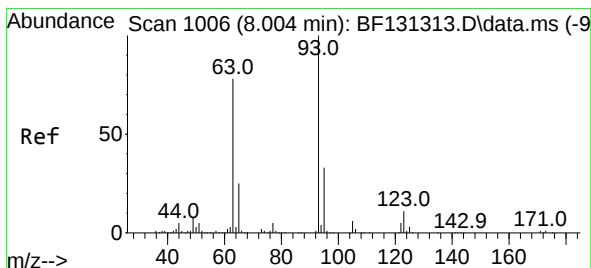
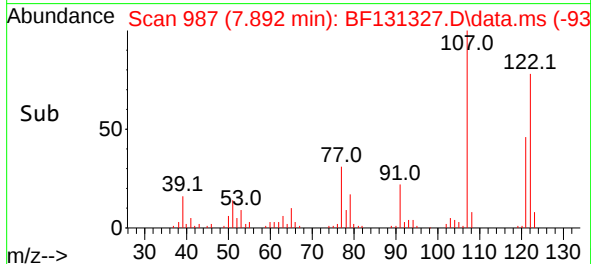
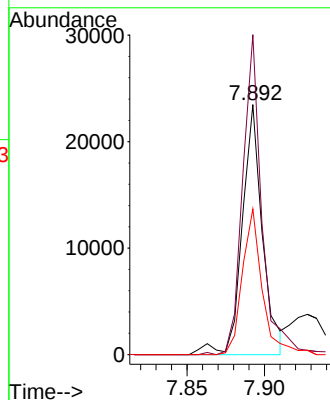
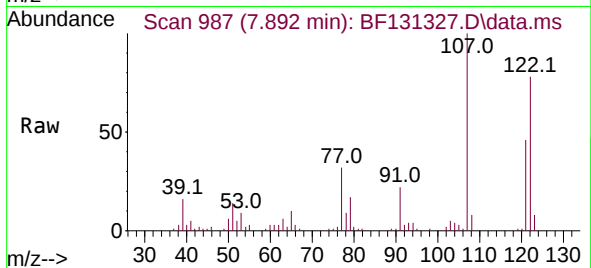
MDL-WATER-03-QT4-2022

Tgt Ion:122 Resp: 2135
 Ion Ratio Lower Upper
 122 100
 107 128.0 99.9 149.9
 121 58.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 3.848 ng

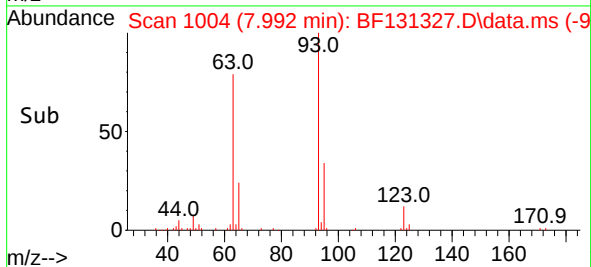
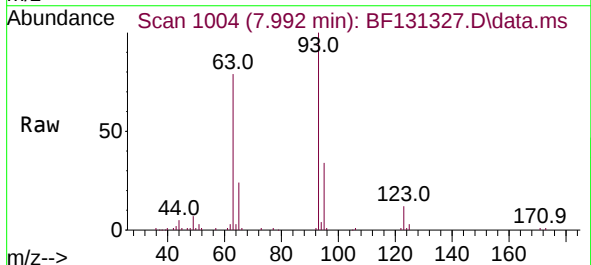
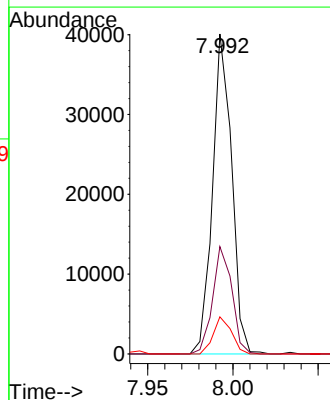
RT: 7.992 min Scan# 1004

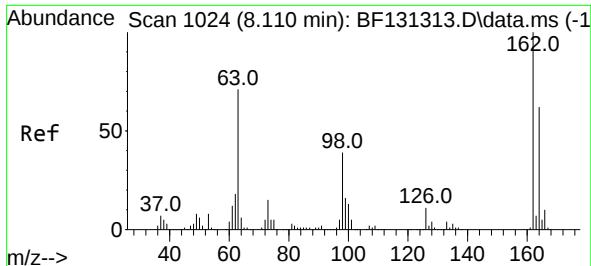
Delta R.T. -0.012 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Tgt Ion: 93 Resp: 31310
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.4 39.6
 123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 3.488 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BF131327.D

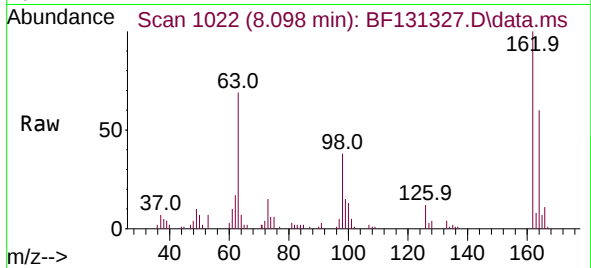
Acq: 22 Nov 2022 13:04

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022



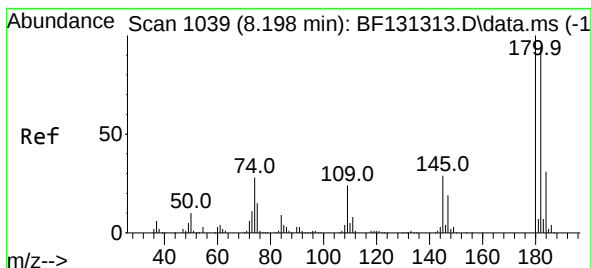
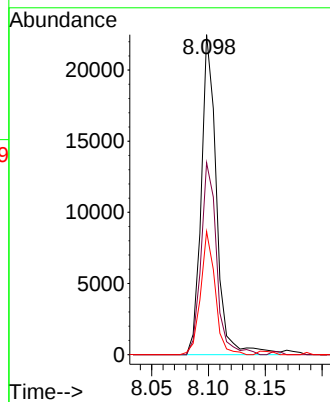
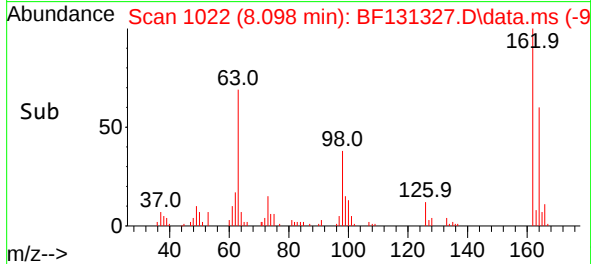
Tgt Ion:162	Resp:	21015
Ion Ratio	Lower	Upper
162	100	
164	60.0	42.2 82.2
98	38.5	18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 3.483 ng

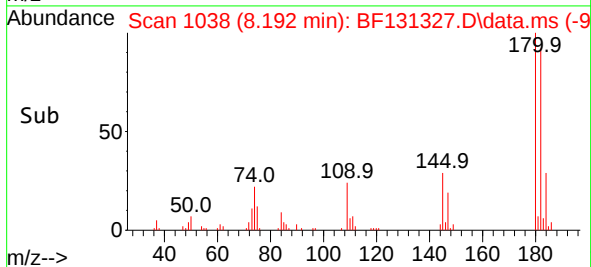
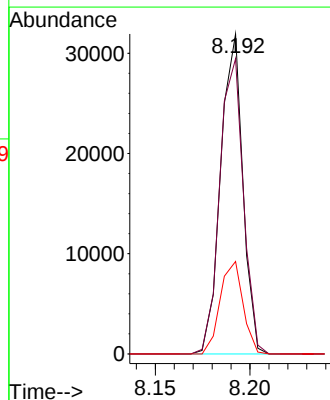
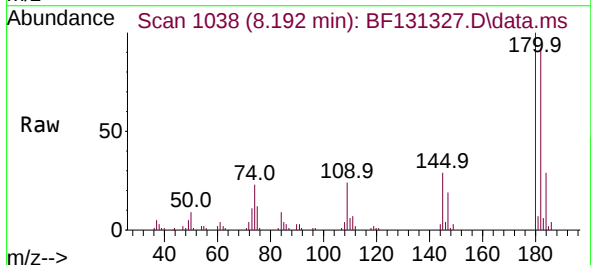
RT: 8.192 min Scan# 1038

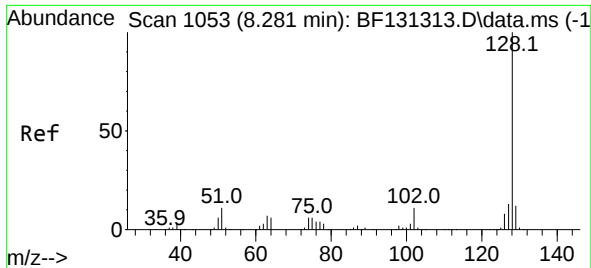
Delta R.T. -0.006 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

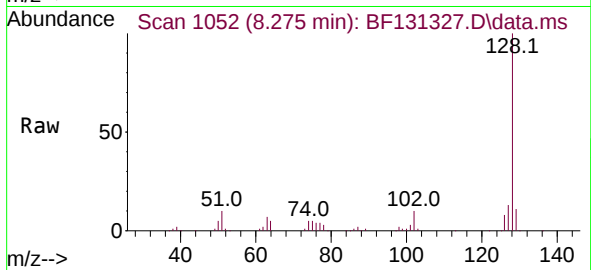
Tgt Ion:180	Resp:	25990
Ion Ratio	Lower	Upper
180	100	
182	92.2	75.3 112.9
145	28.9	23.4 35.0





#31
Naphthalene
Concen: 3.586 ng
RT: 8.275 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

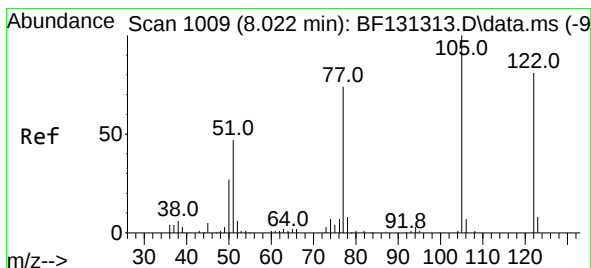
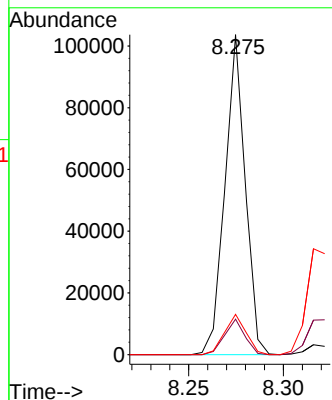
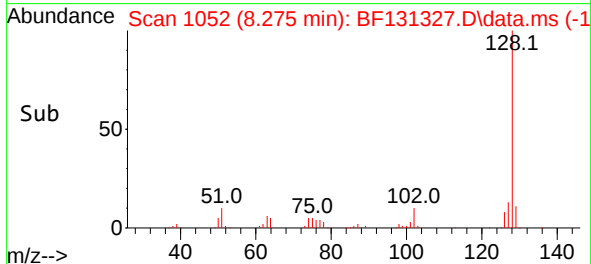
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:128 Resp: 7735
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.6 10.6 16.0

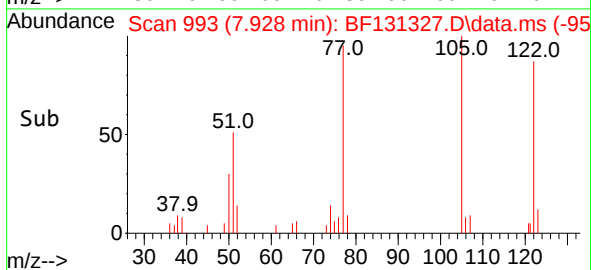
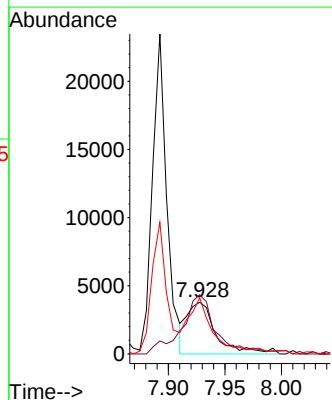
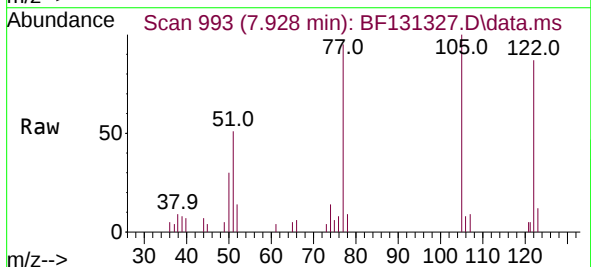
Manual Integrations
APPROVED

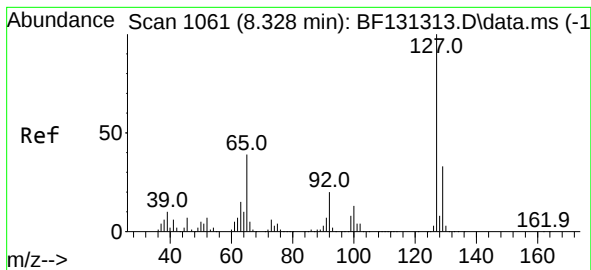
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#32
Benzoic acid
Concen: 2.146 ng m
RT: 7.928 min Scan# 993
Delta R.T. -0.094 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Tgt Ion:122 Resp: 6776
Ion Ratio Lower Upper
122 100
105 115.0 103.8 143.8
77 108.8 74.3 114.3





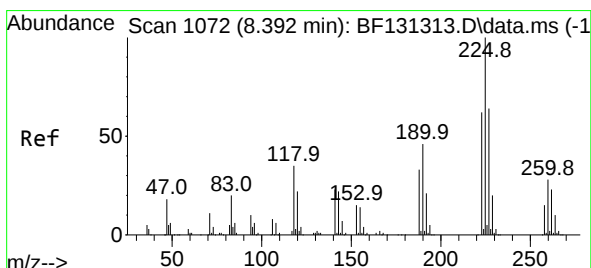
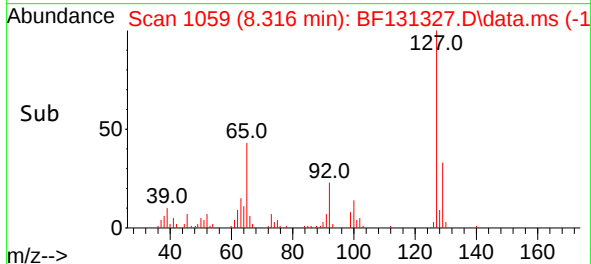
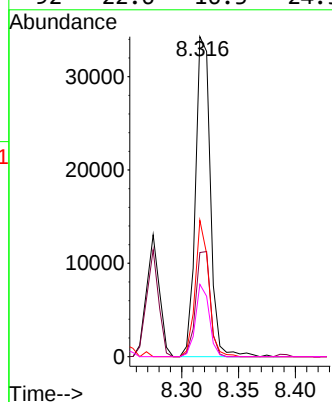
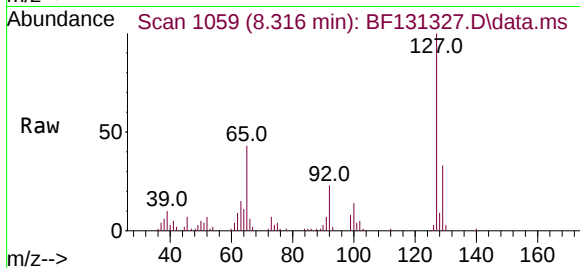
#33
4-Chloroaniline
Concen: 3.662 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:	127	Resp:	3116
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.4	39.6
65	42.6	31.0	46.6
92	22.6	16.3	24.5

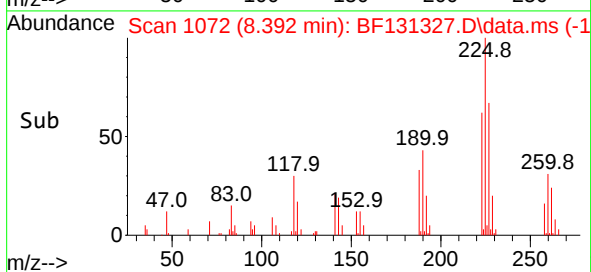
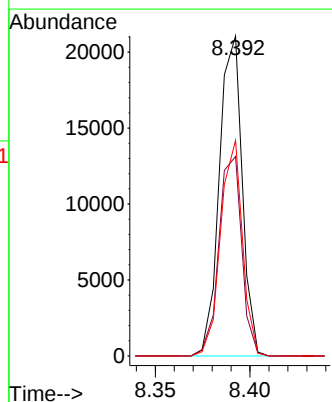
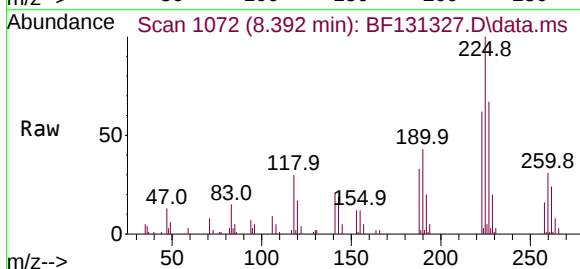
Manual Integrations
APPROVED

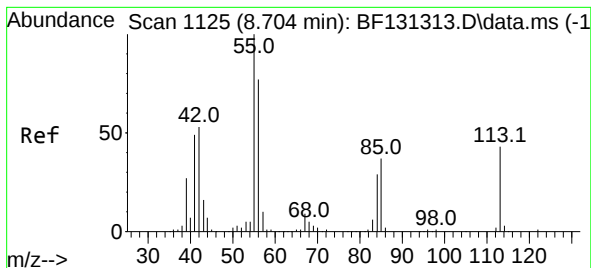
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#34
Hexachlorobutadiene
Concen: 3.648 ng
RT: 8.392 min Scan# 1072
Delta R.T. -0.000 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Tgt Ion:	225	Resp:	17627
Ion Ratio	Lower	Upper	
225	100		
223	62.3	49.4	74.0
227	67.3	51.1	76.7





#35

Caprolactam

Concen: 3.736 ng

RT: 8.645 min Scan# 1115

Delta R.T. -0.059 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

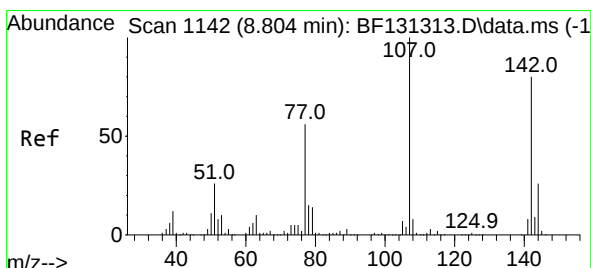
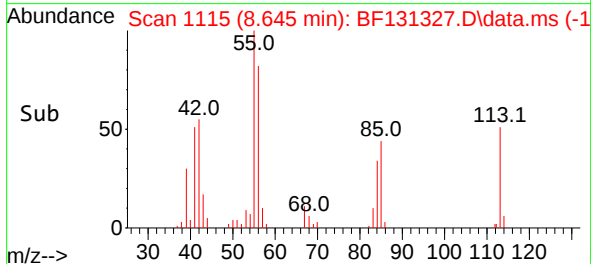
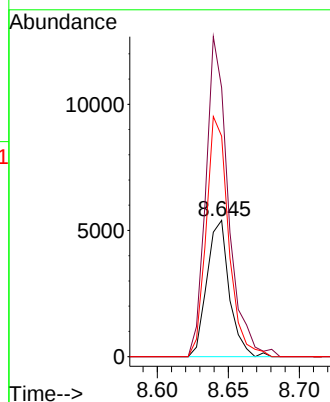
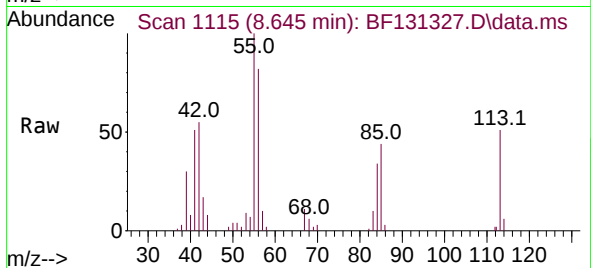
Tgt Ion:	113	Resp:	5915
Ion Ratio	Lower	Upper	
113	100		
55	197.4	214.5	254.5
56	161.8	159.4	199.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#36

4-Chloro-3-methylphenol

Concen: 3.350 ng

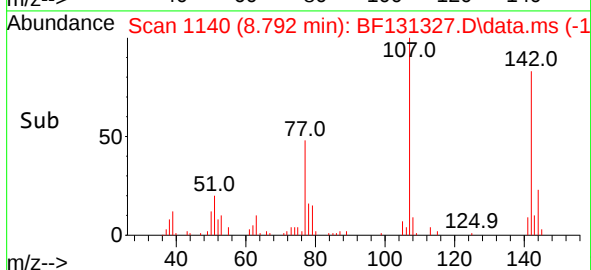
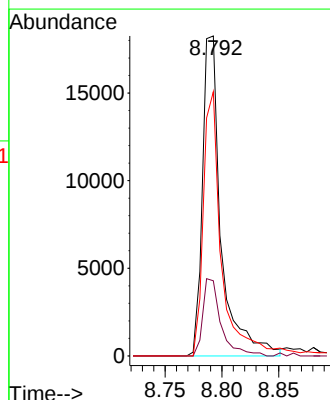
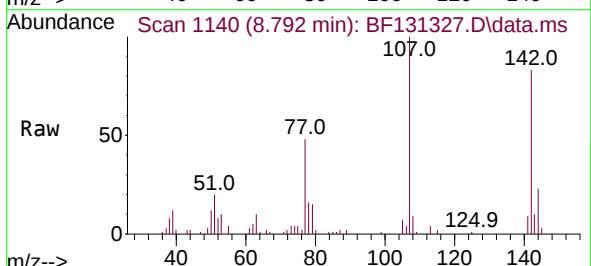
RT: 8.792 min Scan# 1140

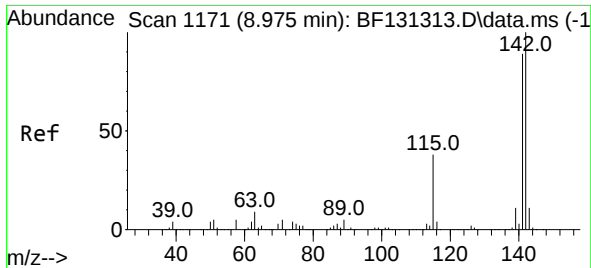
Delta R.T. -0.012 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Tgt Ion:	107	Resp:	20968
Ion Ratio	Lower	Upper	
107	100		
144	23.5	20.9	31.3
142	82.5	63.9	95.9





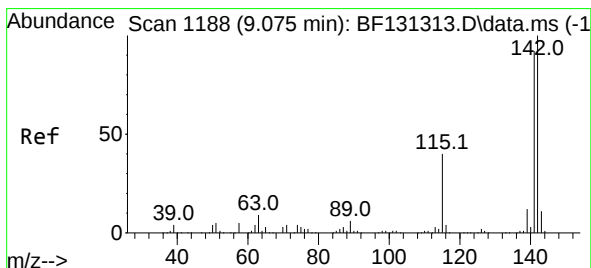
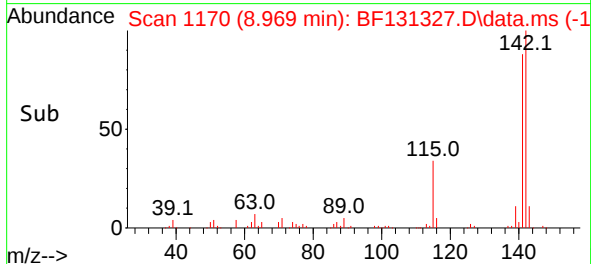
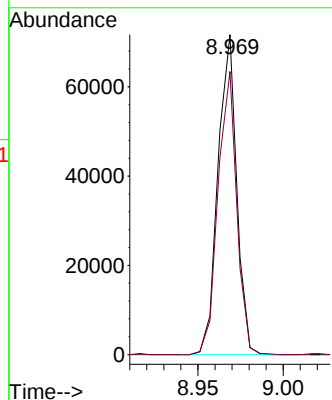
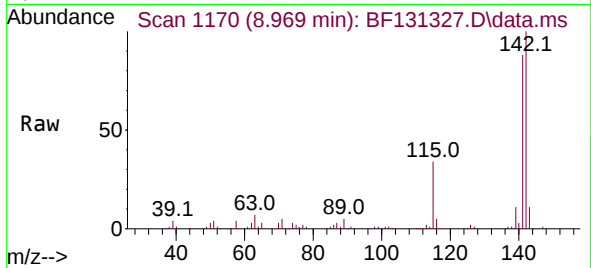
#37
2-Methylnaphthalene
Concen: 3.737 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:142 Resp: 5461
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4

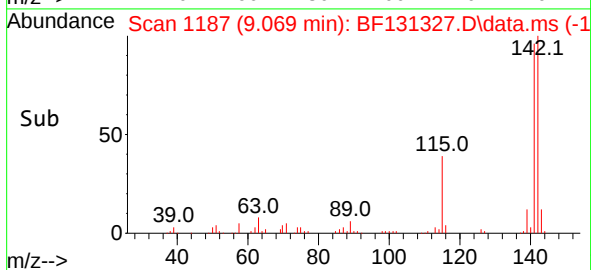
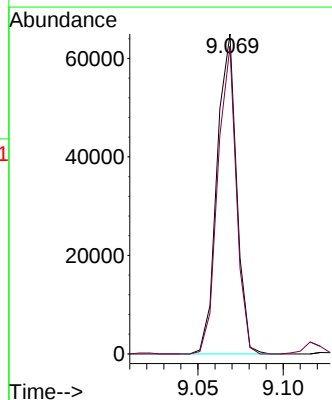
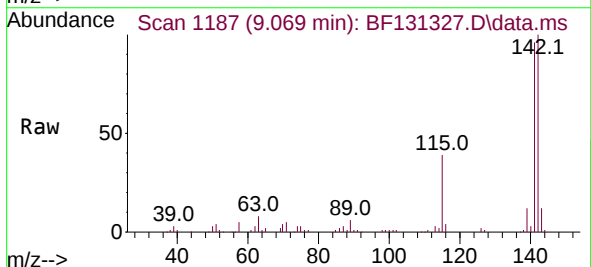
Manual Integrations
APPROVED

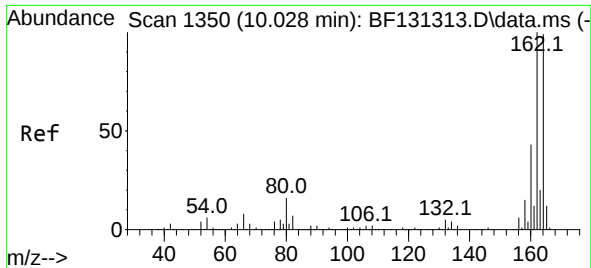
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#38
1-Methylnaphthalene
Concen: 3.650 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

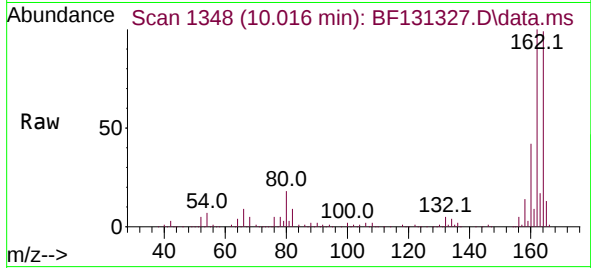
Tgt Ion:142 Resp: 51737
Ion Ratio Lower Upper
142 100
141 96.1 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

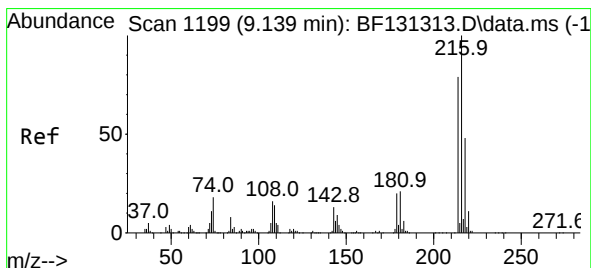
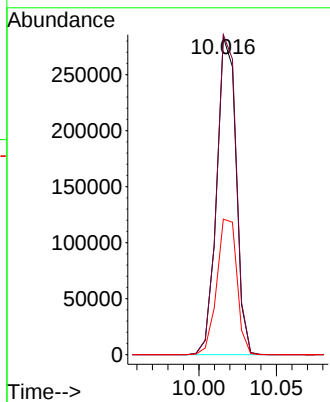
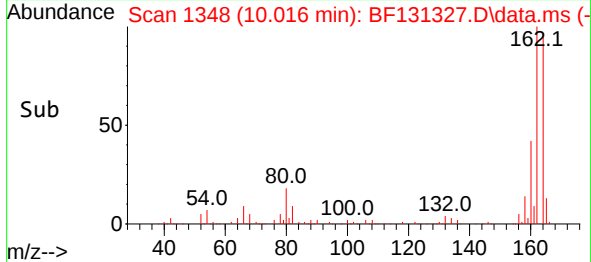
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



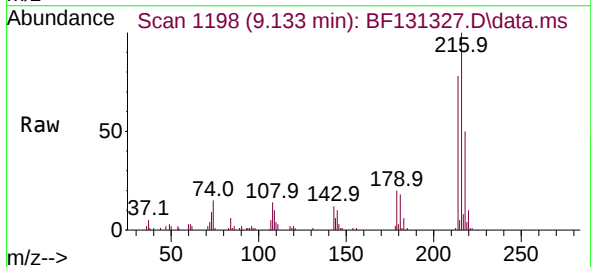
Tgt Ion:164 Resp: 246619
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 42.6 34.4 51.6

Manual Integrations
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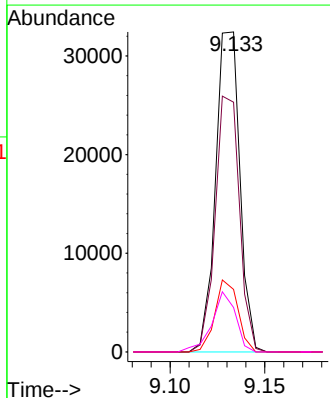
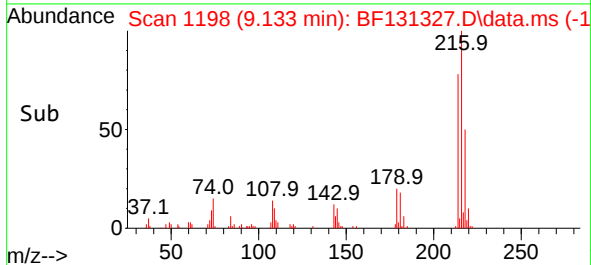
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

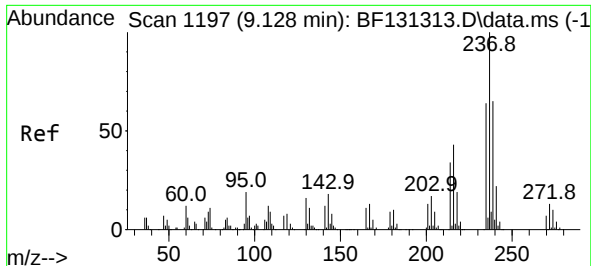


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.626 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



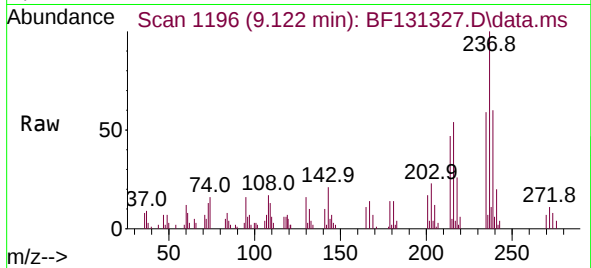
Tgt Ion:216 Resp: 29020
Ion Ratio Lower Upper
216 100
214 79.7 63.1 94.7
179 21.3 16.2 24.4
108 18.3 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 3.702 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

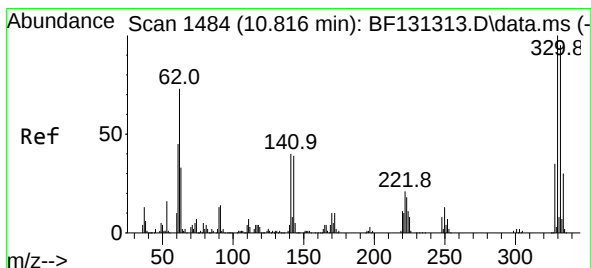
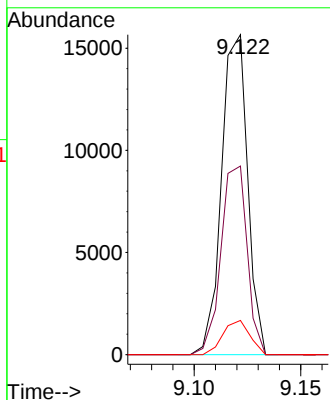
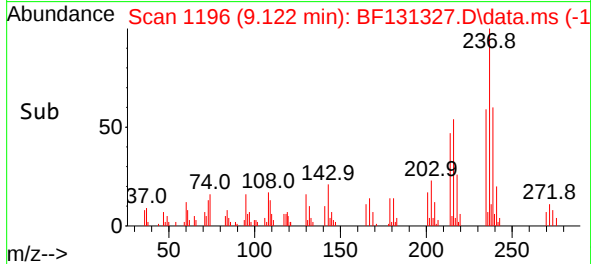
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



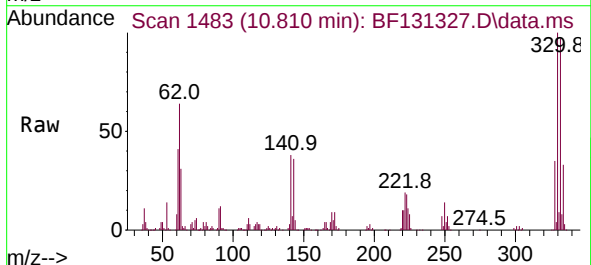
Tgt Ion: 237 Resp: 13319
Ion Ratio Lower Upper
237 100
235 58.9 44.2 84.2
272 10.7 0.0 33.4

Manual Integrations
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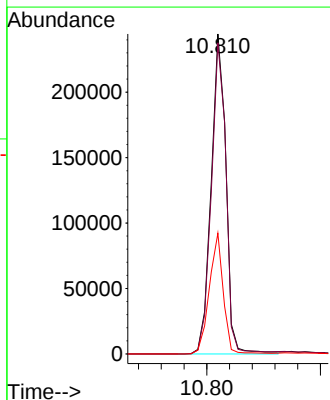
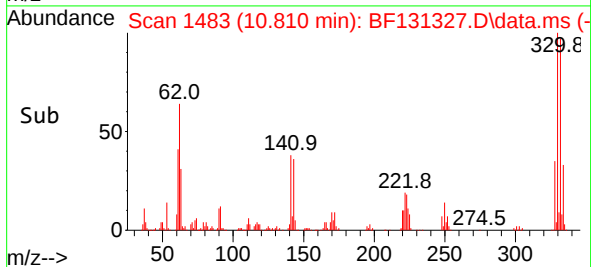
Reviewed By : Christian Giraldo 11/23/2022
Supervised By : Jagrut Upadhyay 11/23/2022

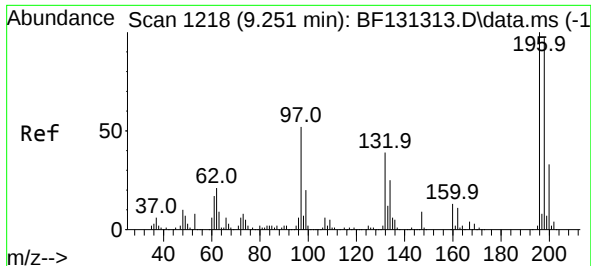


#42
2,4,6-Tribromophenol
Concen: 106.685 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



Tgt Ion: 330 Resp: 221353
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 35.6 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 2.963 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF131327.D

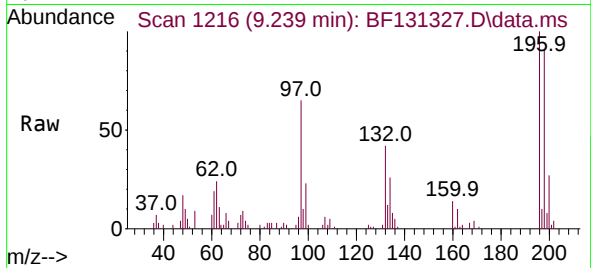
Acq: 22 Nov 2022 13:04

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion:196 Resp: 1345

Ion Ratio Lower Upper

196 100

198 91.3 77.4 116.0

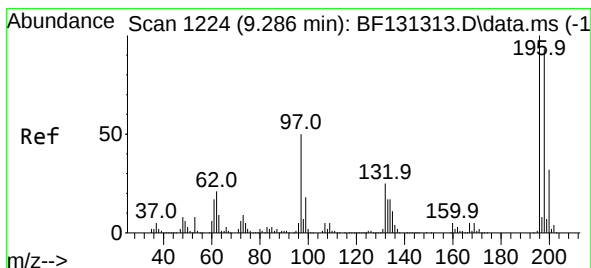
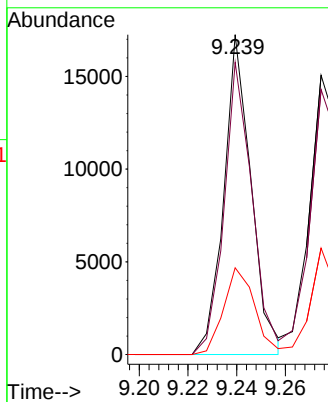
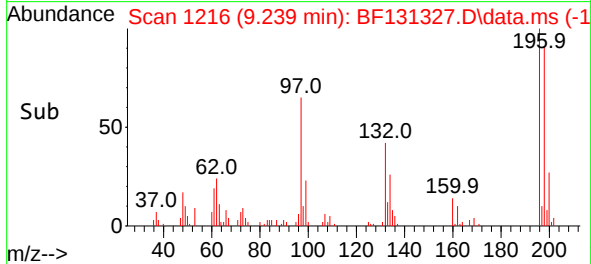
200 27.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#44

2,4,5-Trichlorophenol

Concen: 3.164 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Tgt Ion:196 Resp: 16151

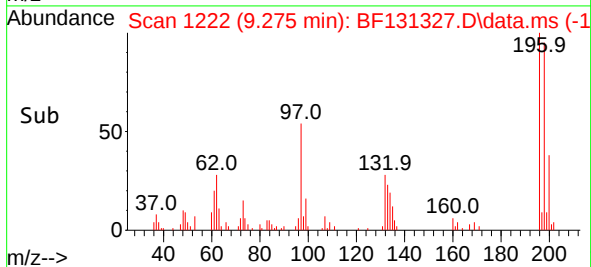
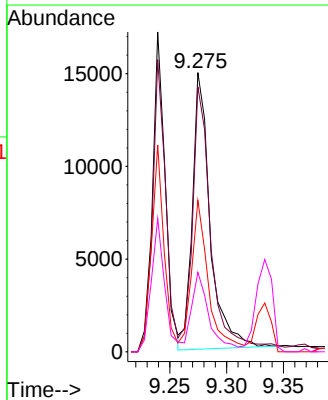
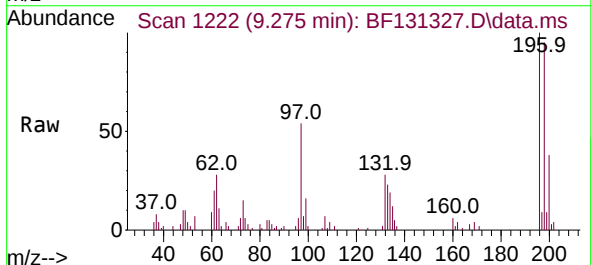
Ion Ratio Lower Upper

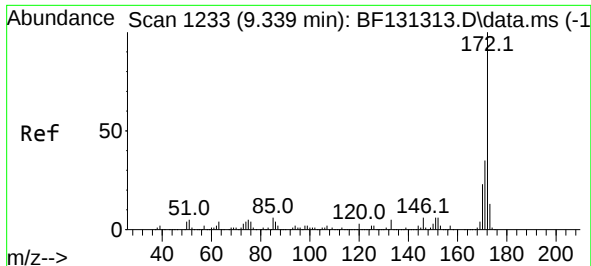
196 100

198 94.9 75.0 112.4

97 54.2 40.3 60.5

132 28.5 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 62.647 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:172 Resp: 1061982

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

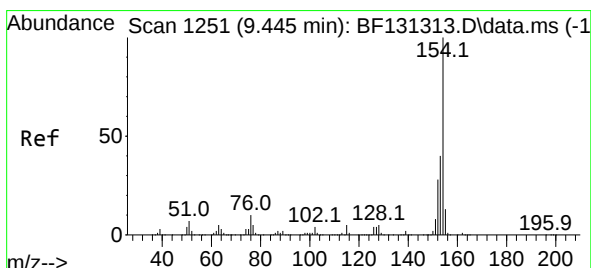
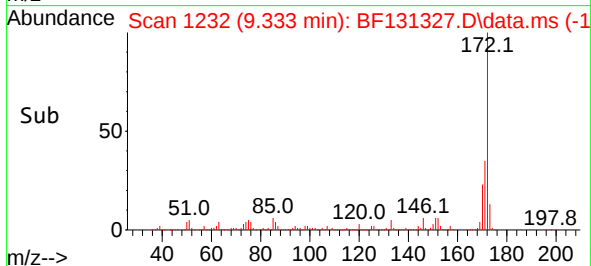
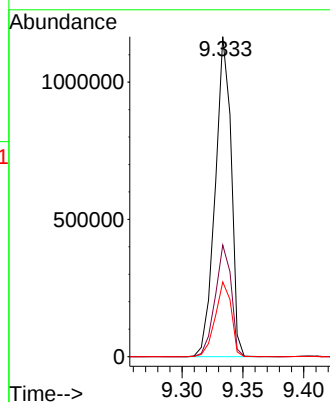
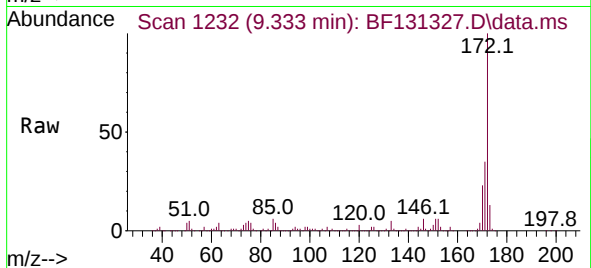
170 23.3 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#46

1,1'-Biphenyl

Concen: 3.857 ng

RT: 9.433 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

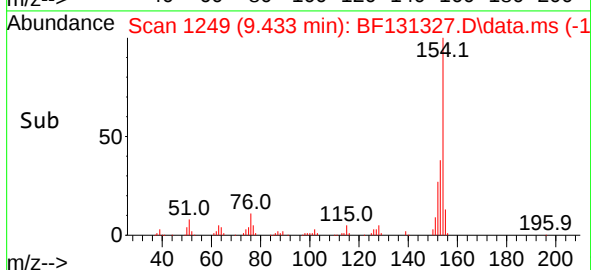
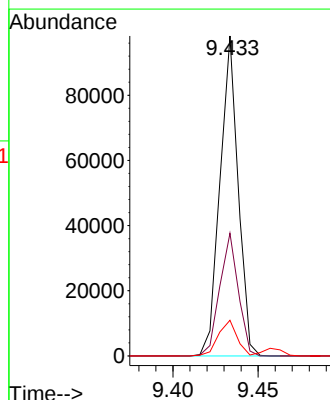
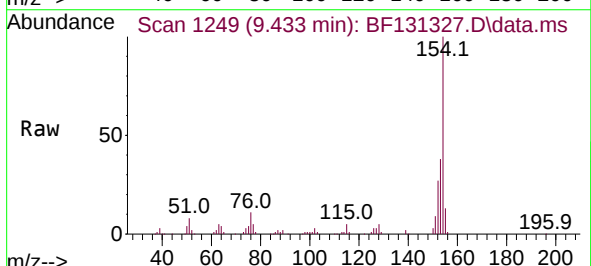
Tgt Ion:154 Resp: 72586

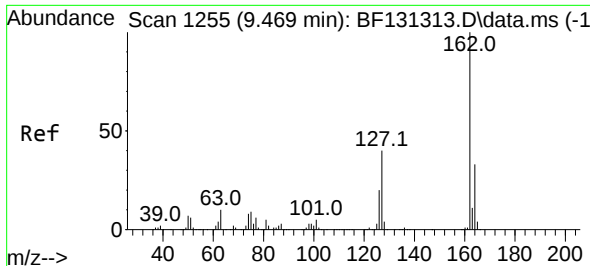
Ion Ratio Lower Upper

154 100

153 38.3 19.8 59.8

76 11.1 0.0 30.2





#47

2-Chloronaphthalene

Concen: 3.598 ng

RT: 9.457 min Scan# 1253

Delta R.T. -0.012 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

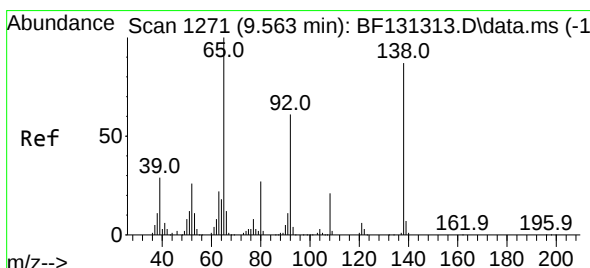
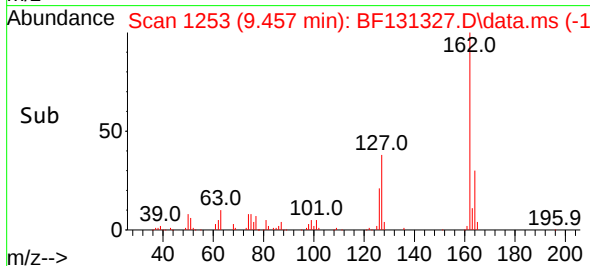
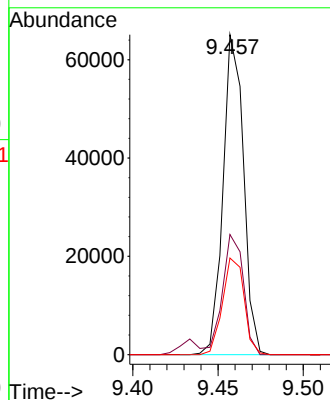
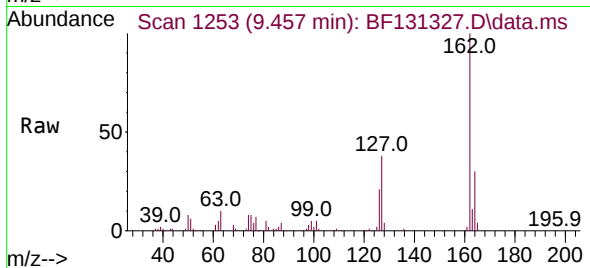
Tgt Ion:	162	Resp:	5432
Ion Ratio	Lower	Upper	
162	100		
127	37.5	32.1	48.1
164	30.2	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#48

2-Nitroaniline

Concen: 3.174 ng

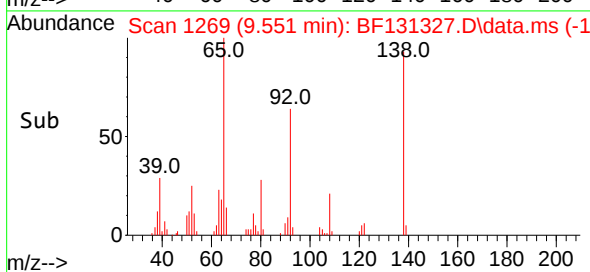
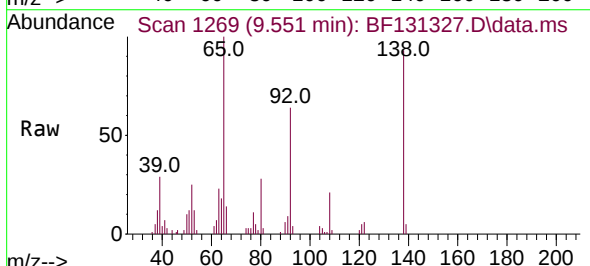
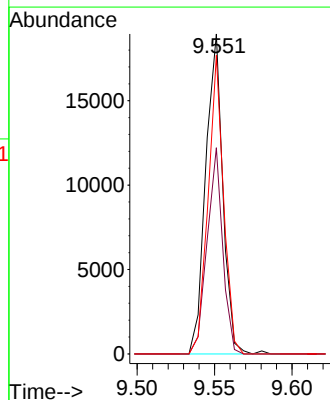
RT: 9.551 min Scan# 1269

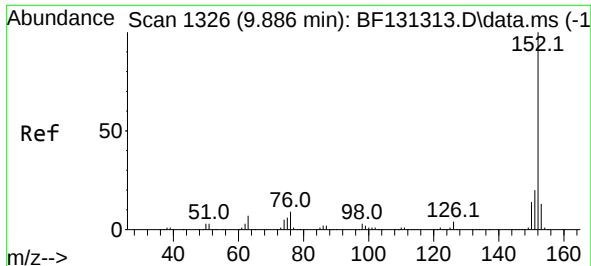
Delta R.T. -0.012 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Tgt Ion:	65	Resp:	14550
Ion Ratio	Lower	Upper	
65	100		
92	64.4	49.0	73.4
138	93.3	69.4	104.2





#49

Acenaphthylene

Concen: 3.616 ng

RT: 9.875 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF131327.D

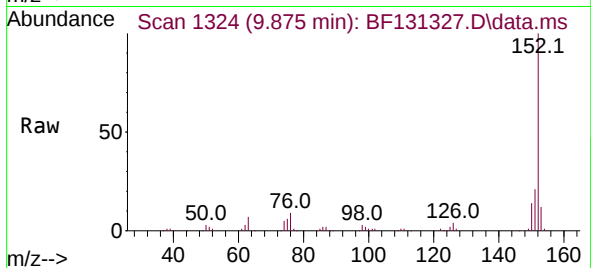
Acq: 22 Nov 2022 13:04

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion:152 Resp: 83213

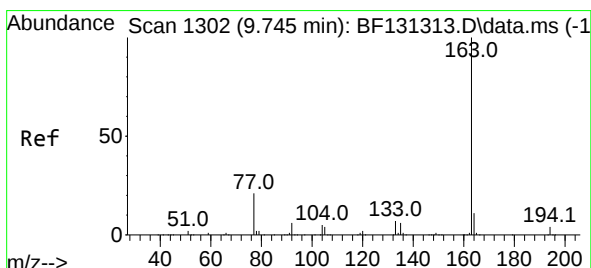
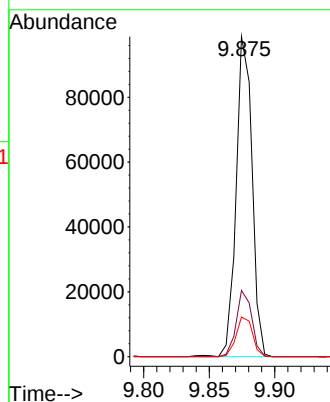
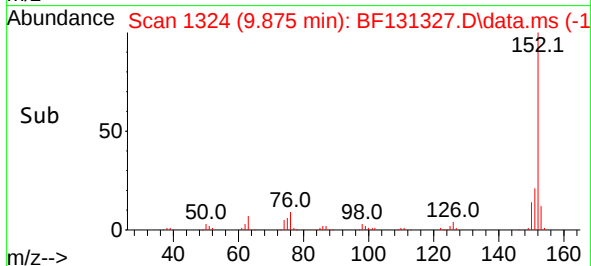
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	12.4	10.6	15.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#50

Dimethylphthalate

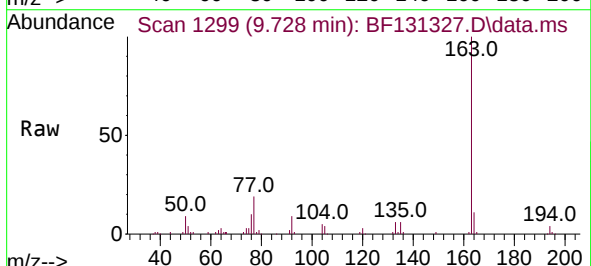
Concen: 3.693 ng

RT: 9.728 min Scan# 1299

Delta R.T. -0.017 min

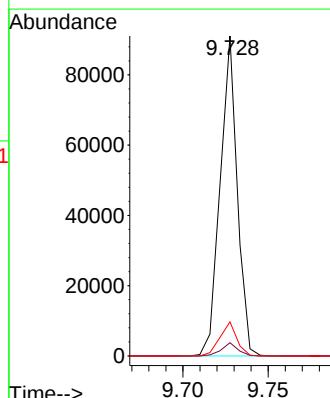
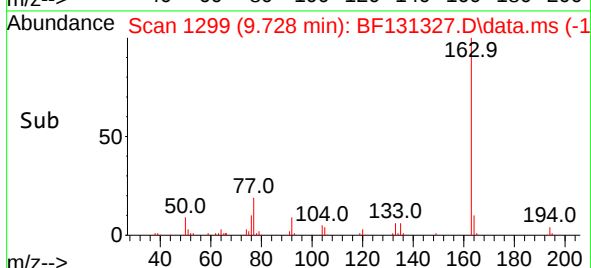
Lab File: BF131327.D

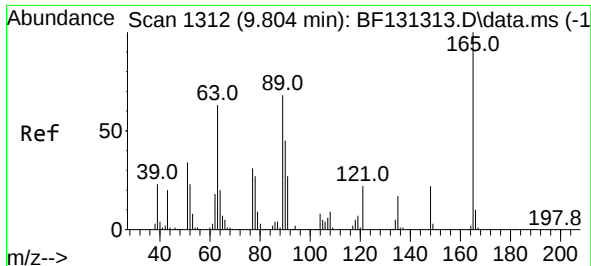
Acq: 22 Nov 2022 13:04



Tgt Ion:163 Resp: 63460

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.7	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 3.260 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

Instrument :

BNA_F

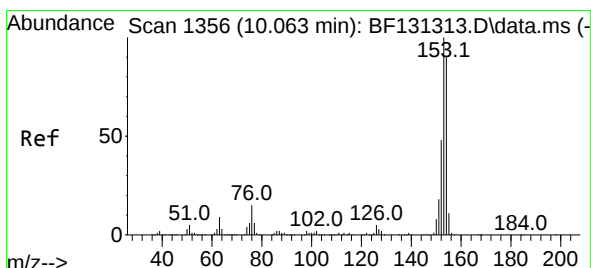
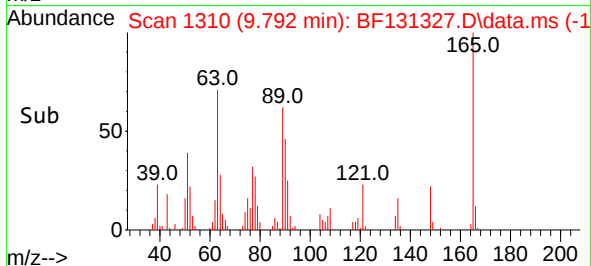
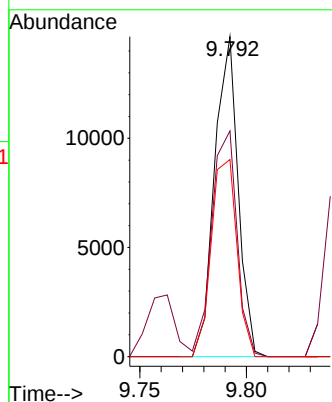
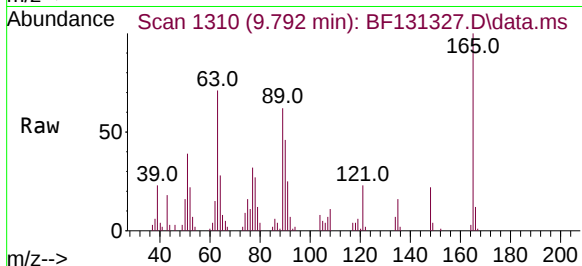
ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:165	Resp:	11204
Ion Ratio	Lower	Upper
165	100	
63	70.5	62.0 93.0
89	61.6	54.4 81.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#52

Acenaphthene

Concen: 3.590 ng

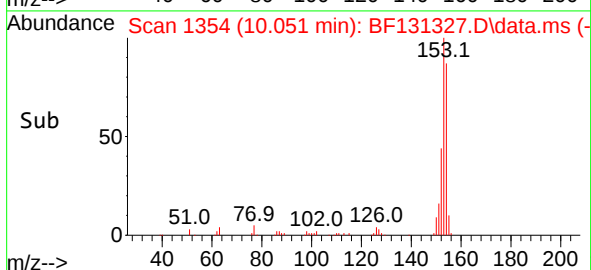
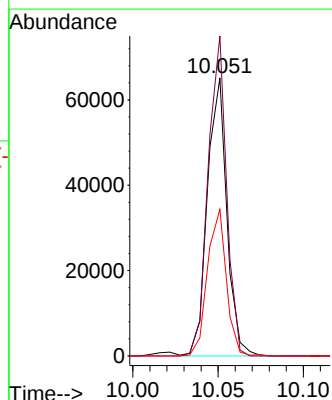
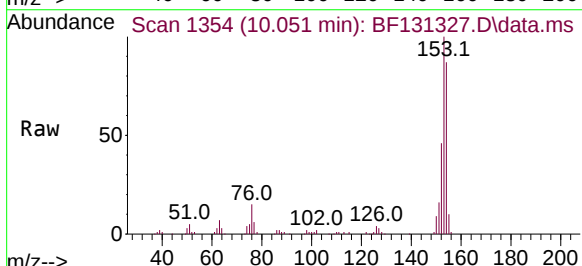
RT: 10.051 min Scan# 1354

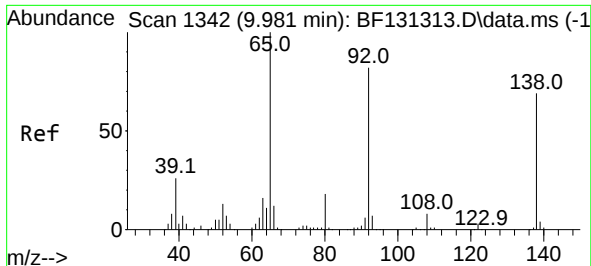
Delta R.T. -0.012 min

Lab File: BF131327.D

Acq: 22 Nov 2022 13:04

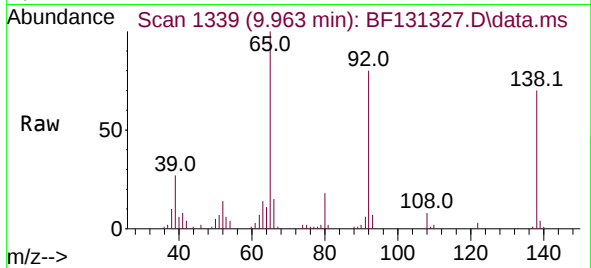
Tgt Ion:154	Resp:	51739
Ion Ratio	Lower	Upper
154	100	
153	115.1	88.4 132.6
152	52.7	42.8 64.2





#53
3-Nitroaniline
Concen: 3.368 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.018 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

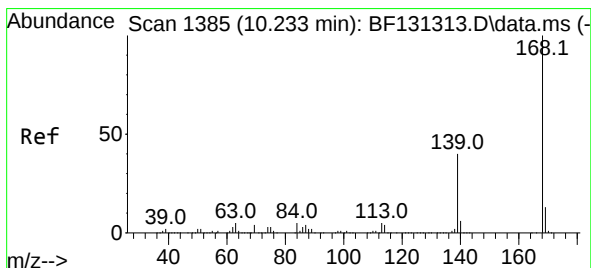
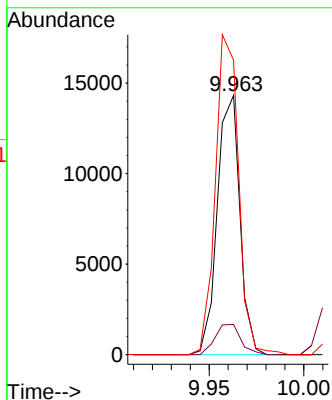
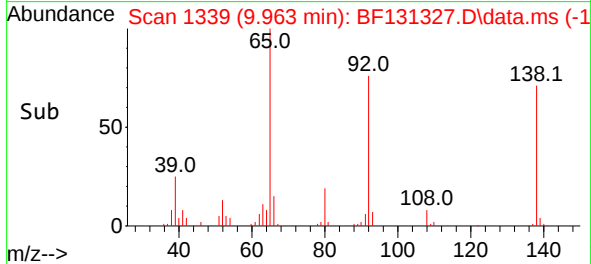
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



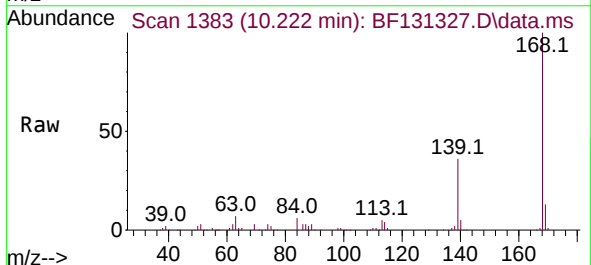
Tgt Ion:138 Resp: 11892
Ion Ratio Lower Upper
138 100
108 11.7 8.9 13.3
92 113.5 95.3 142.9

Manual Integrations
APPROVED

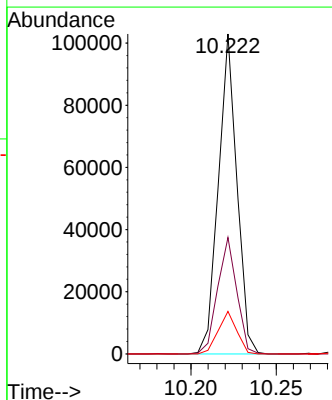
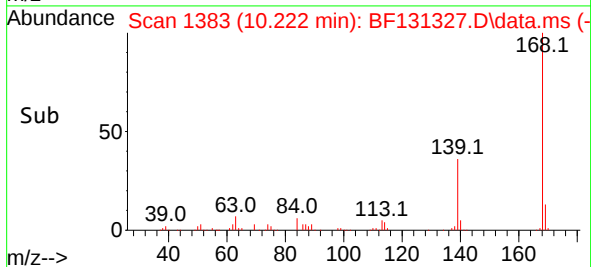
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

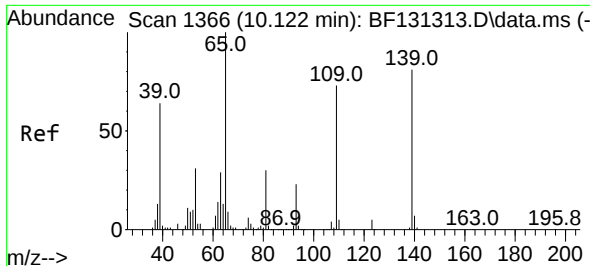


#55
Dibenzofuran
Concen: 3.747 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



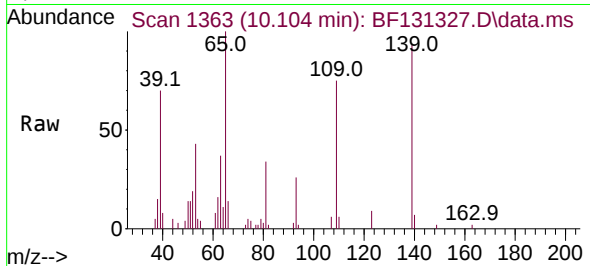
Tgt Ion:168 Resp: 77680
Ion Ratio Lower Upper
168 100
139 36.4 31.7 47.5
169 13.3 10.6 15.8





#56
4-Nitrophenol
Concen: 2.950 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.018 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

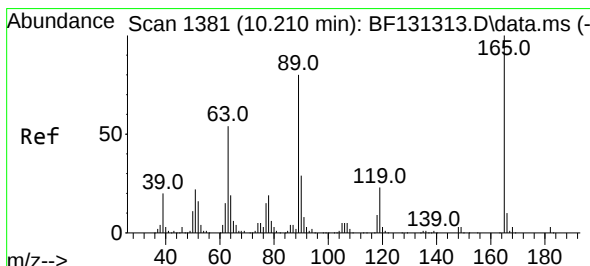
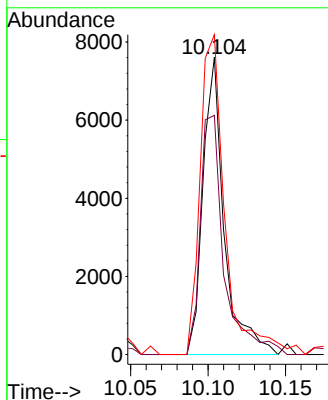
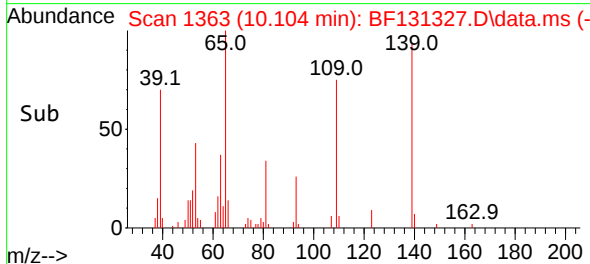
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:139 Resp: 7230
Ion Ratio Lower Upper
139 100
109 80.5 69.6 109.6
65 107.6 103.4 143.4

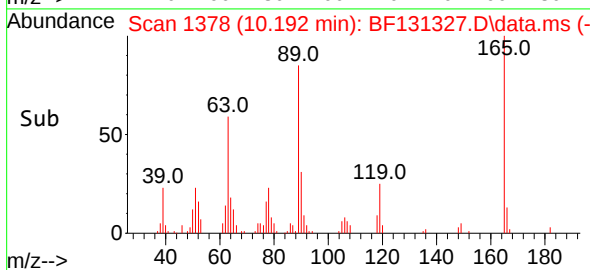
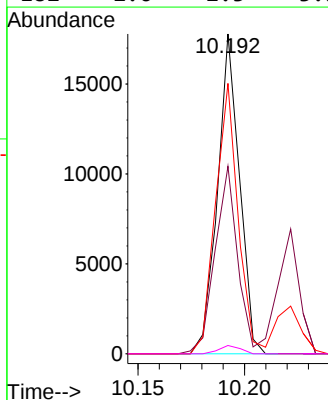
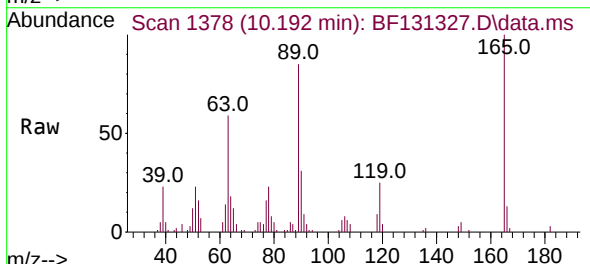
Manual Integrations
APPROVED

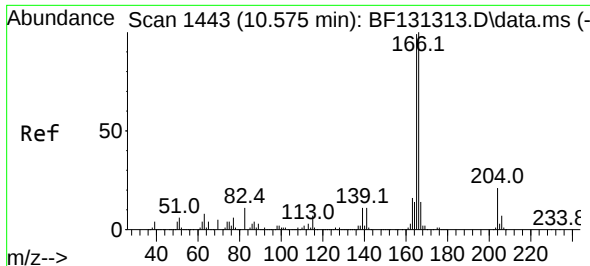
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#57
2,4-Dinitrotoluene
Concen: 2.953 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.018 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

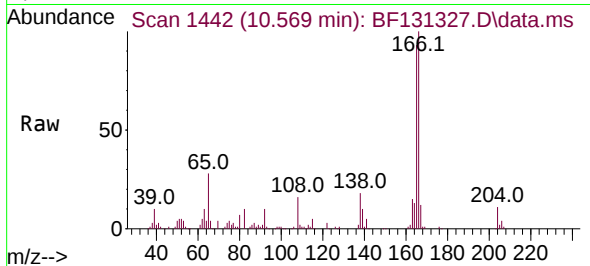
Tgt Ion:165 Resp: 12768
Ion Ratio Lower Upper
165 100
63 58.6 43.4 65.2
89 84.5 64.0 96.0
182 2.6 2.3 3.5





#58
Fluorene
Concen: 3.942 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

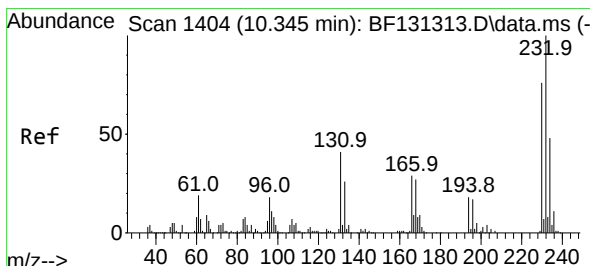
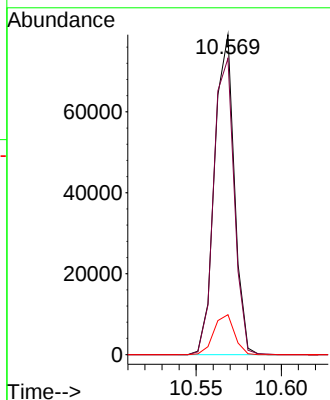
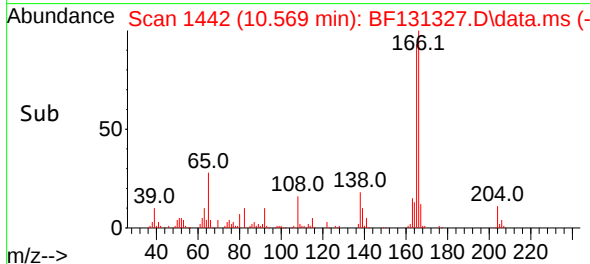
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:166 Resp: 63788
Ion Ratio Lower Upper
166 100
165 92.6 79.0 118.4
167 12.5 10.9 16.3

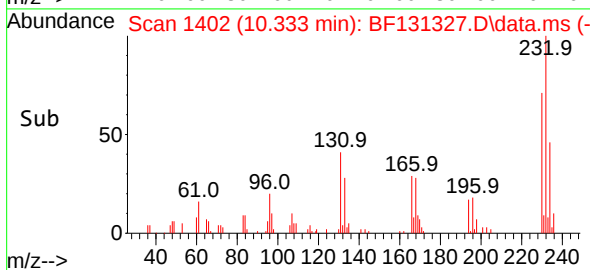
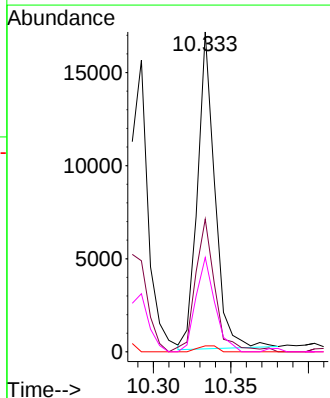
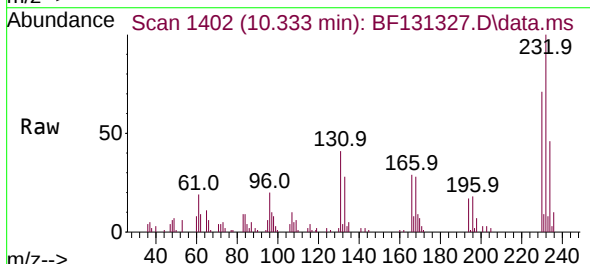
Manual Integrations
APPROVED

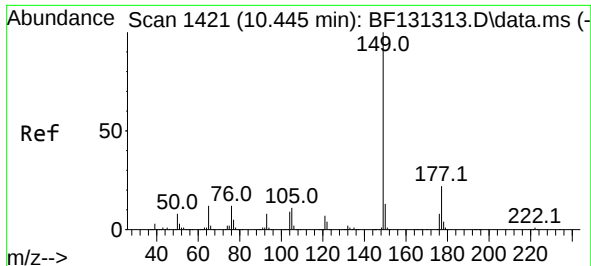
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.128 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

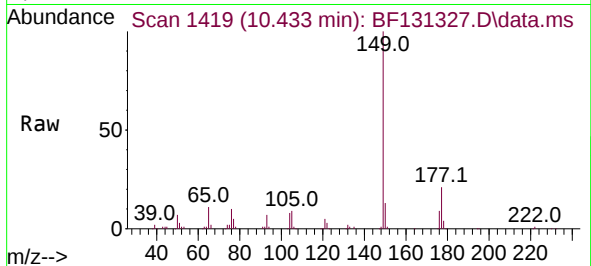
Tgt Ion:232 Resp: 13299
Ion Ratio Lower Upper
232 100
131 47.4 35.2 52.8
130 2.2 1.8 2.8
166 32.7 23.4 35.2





#60
Diethylphthalate
Concen: 3.898 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

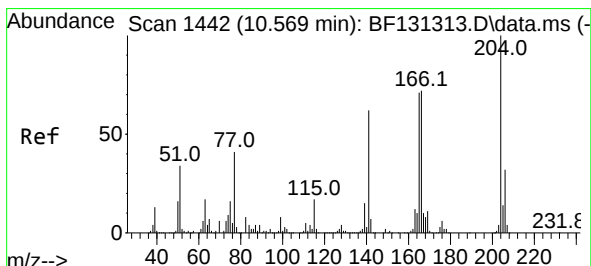
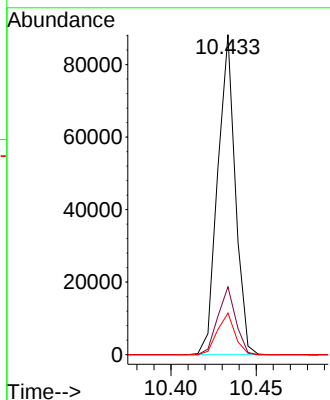
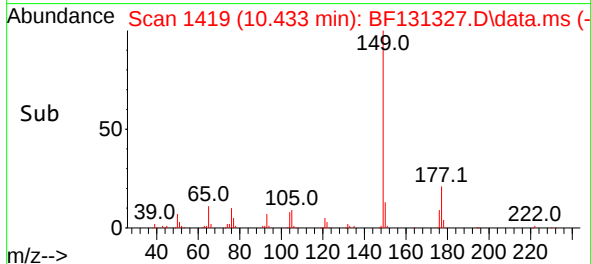
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



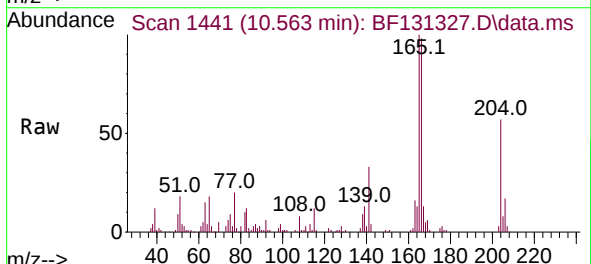
Tgt Ion:149 Resp: 63236
Ion Ratio Lower Upper
149 100
177 21.2 17.6 26.4
150 13.0 10.2 15.4

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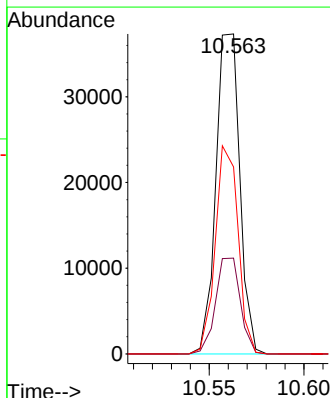
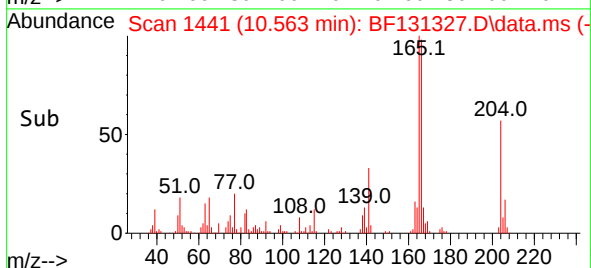
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

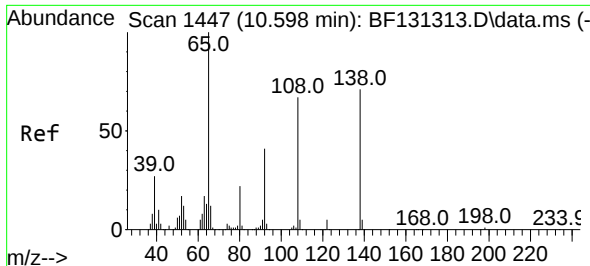


#61
4-Chlorophenyl-phenylether
Concen: 3.966 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



Tgt Ion:204 Resp: 32901
Ion Ratio Lower Upper
204 100
206 29.9 25.7 38.5
141 58.4 49.2 73.8





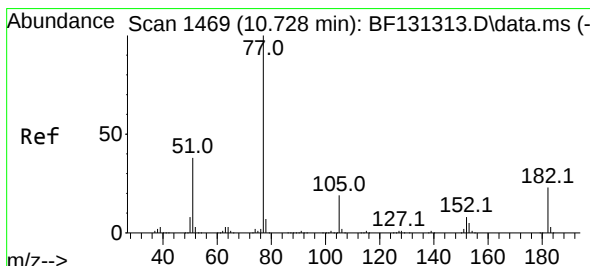
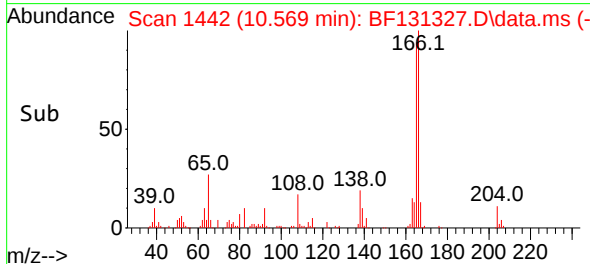
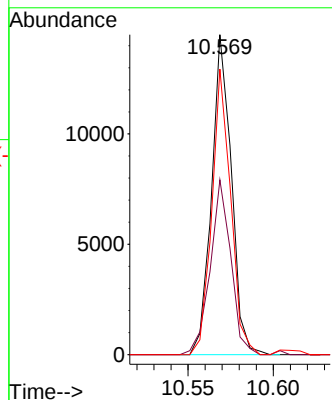
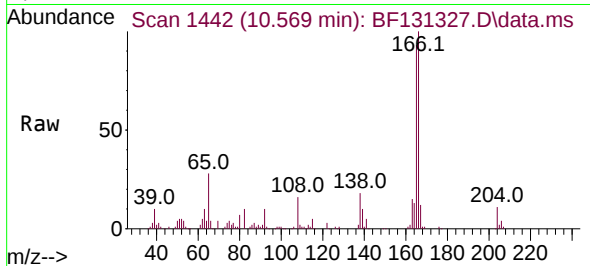
#62
4-Nitroaniline
Concen: 3.320 ng
RT: 10.569 min Scan# 1447
Delta R.T. -0.029 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:138 Resp: 11668
Ion Ratio Lower Upper
138 100
92 54.6 37.0 77.0
108 89.2 74.0 114.0

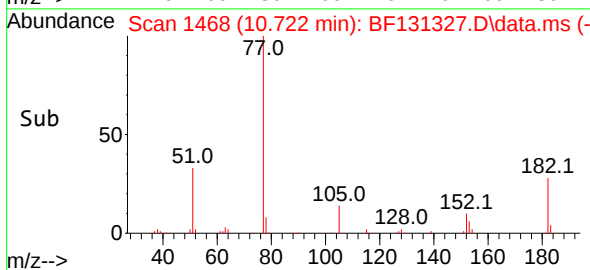
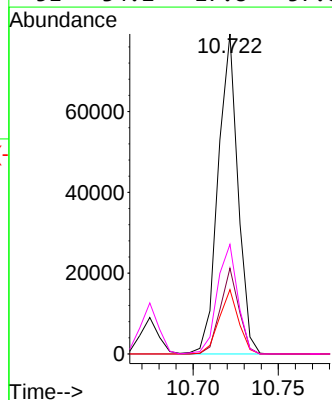
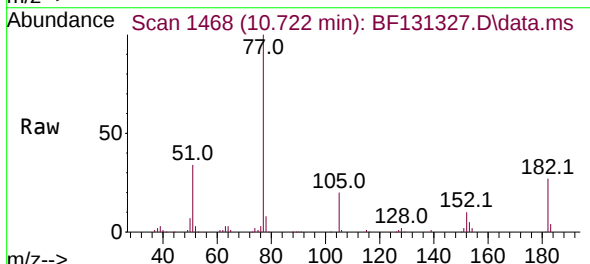
Manual Integrations
APPROVED

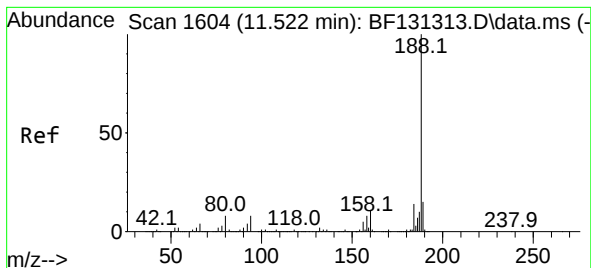
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#63
Azobenzene
Concen: 3.664 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

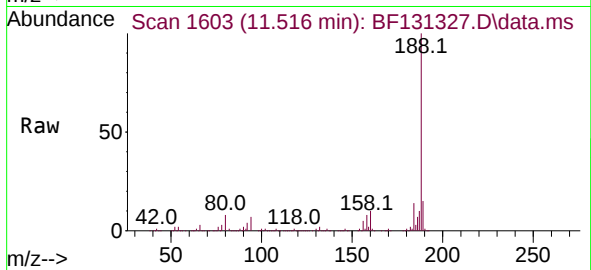
Tgt Ion: 77 Resp: 63912
Ion Ratio Lower Upper
77 100
182 26.8 3.1 43.1
105 20.1 0.0 39.2
51 34.2 17.8 57.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

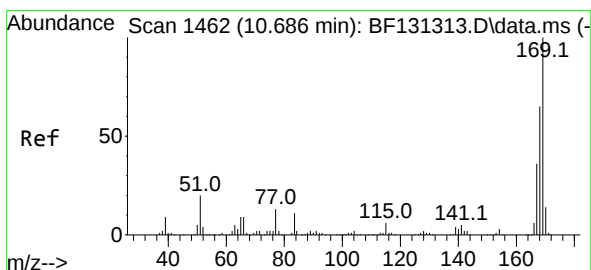
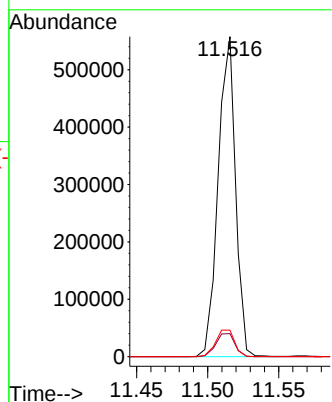
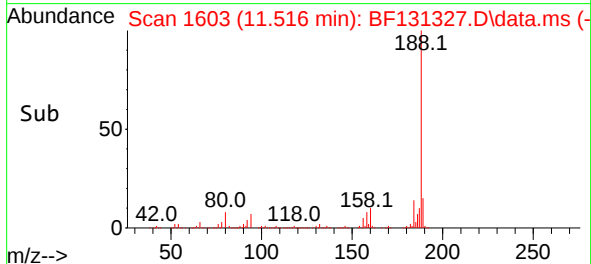
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



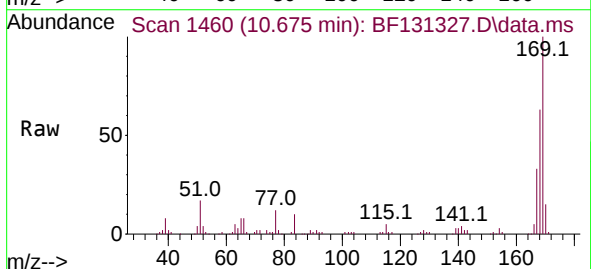
Tgt Ion:188 Resp: 473838
Ion Ratio Lower Upper
188 100
94 7.2 6.3 9.5
80 8.3 6.8 10.2

Manual Integrations
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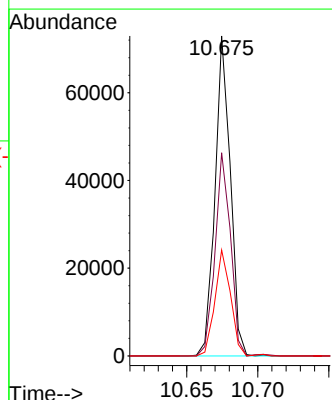
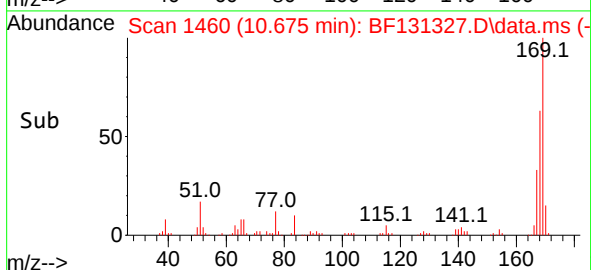
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

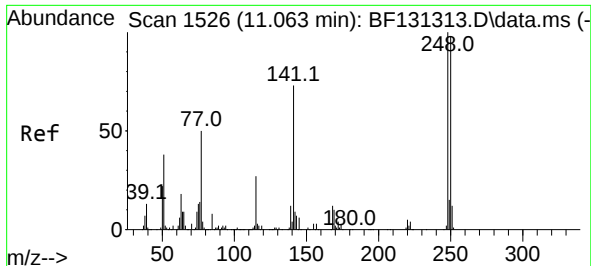


#66
n-Nitrosodiphenylamine
Concen: 3.626 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



Tgt Ion:169 Resp: 54745
Ion Ratio Lower Upper
169 100
168 63.5 52.4 78.6
167 33.1 29.2 43.8





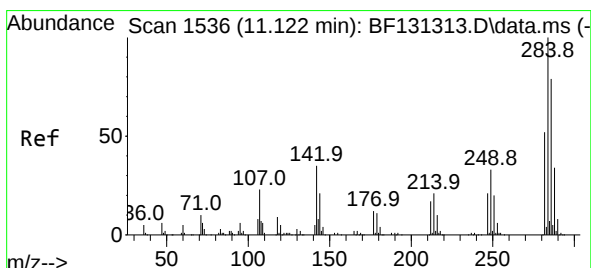
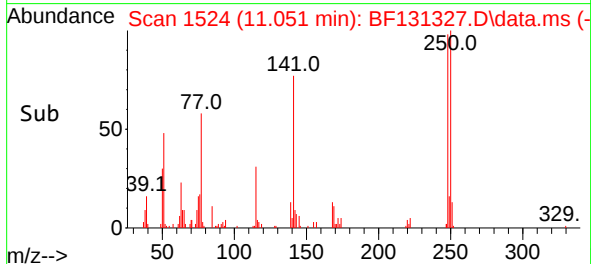
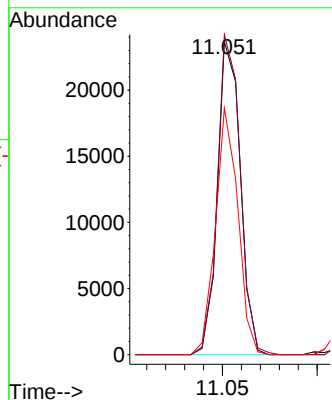
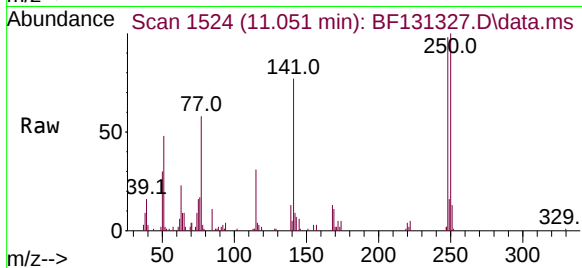
#67
4-Bromophenyl-phenylether
Concen: 3.410 ng
RT: 11.051 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:248 Resp: 19806
Ion Ratio Lower Upper
248 100
250 102.3 78.3 117.5
141 78.8 58.0 87.0

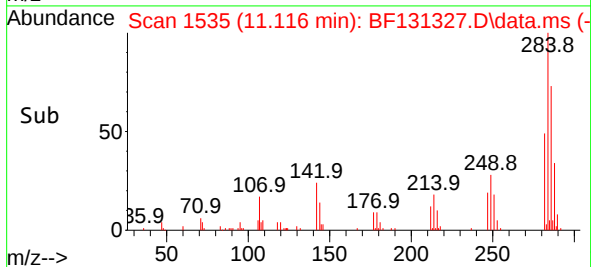
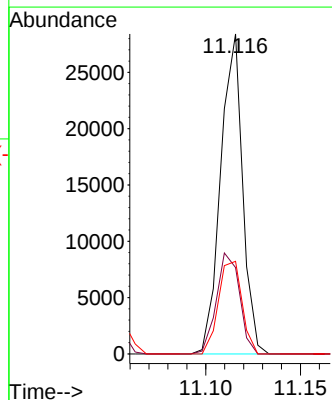
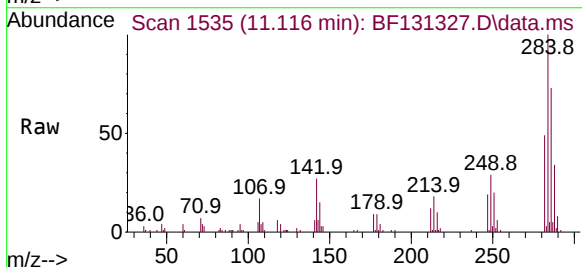
Manual Integrations
APPROVED

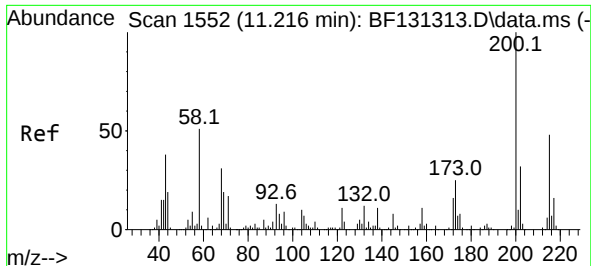
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#68
Hexachlorobenzene
Concen: 3.715 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

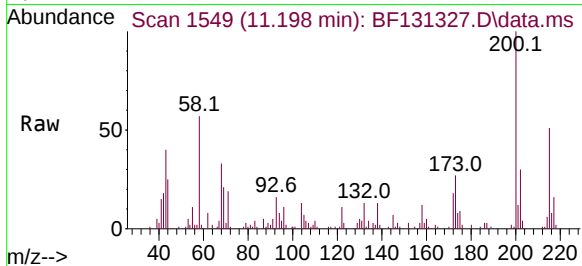
Tgt Ion:284 Resp: 22901
Ion Ratio Lower Upper
284 100
142 27.0 28.4 42.6#
249 28.9 26.5 39.7





#69
 Atrazine
 Concen: 4.012 ng
 RT: 11.198 min Scan# 1549
 Delta R.T. -0.018 min
 Lab File: BF131327.D
 Acq: 22 Nov 2022 13:04

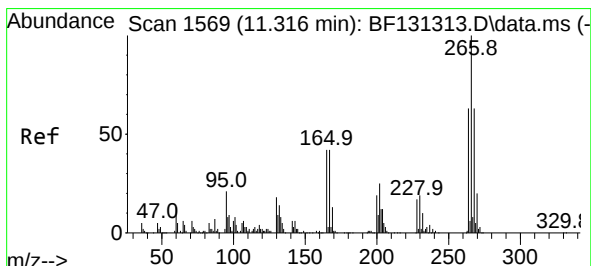
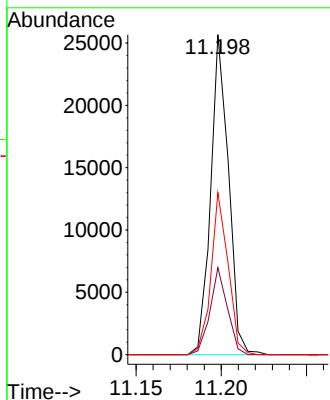
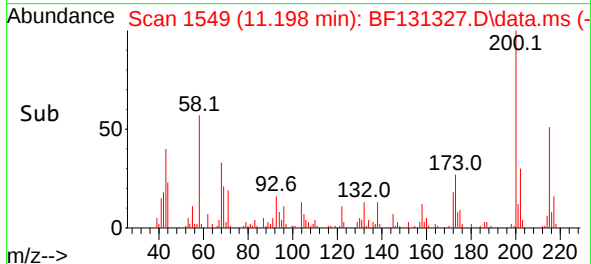
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2022



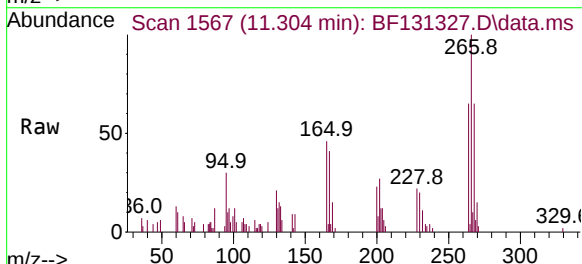
Tgt Ion:200 Resp: 18653
 Ion Ratio Lower Upper
 200 100
 173 27.2 5.2 45.2
 215 50.6 28.3 68.3

Manual Integrations
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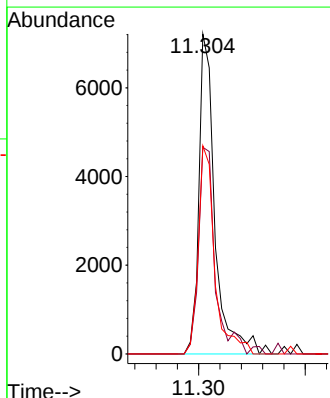
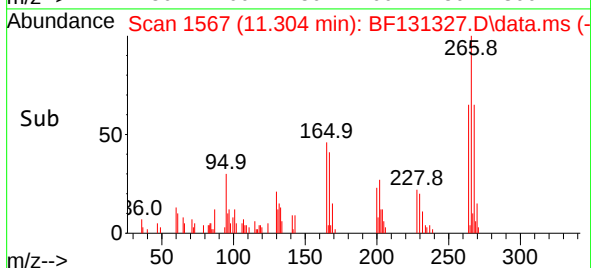
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

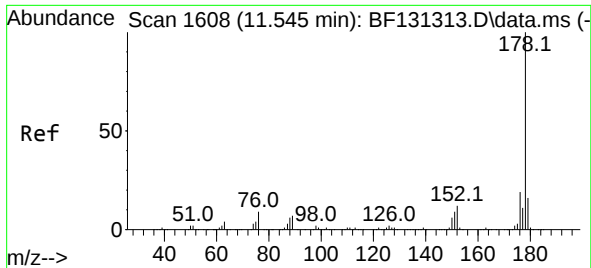


#70
 Pentachlorophenol
 Concen: 2.373 ng
 RT: 11.304 min Scan# 1567
 Delta R.T. -0.012 min
 Lab File: BF131327.D
 Acq: 22 Nov 2022 13:04



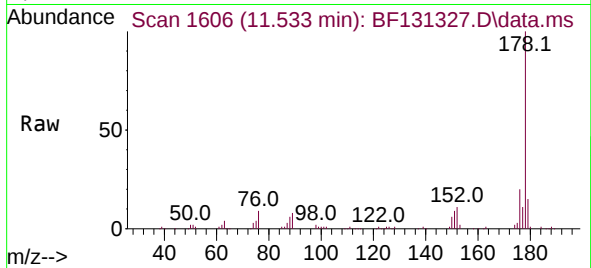
Tgt Ion:266 Resp: 7504
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.6 75.8
 264 65.0 50.4 75.6





#71
Phenanthrene
Concen: 3.651 ng
RT: 11.533 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

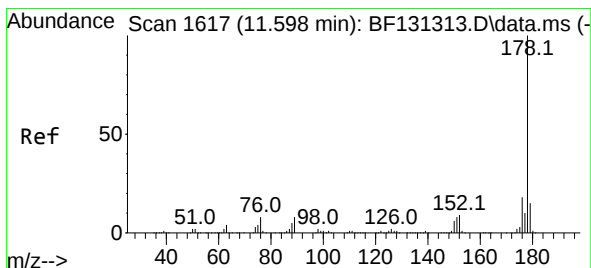
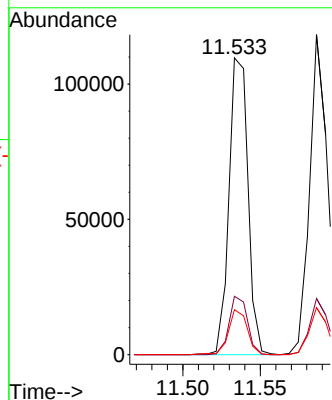
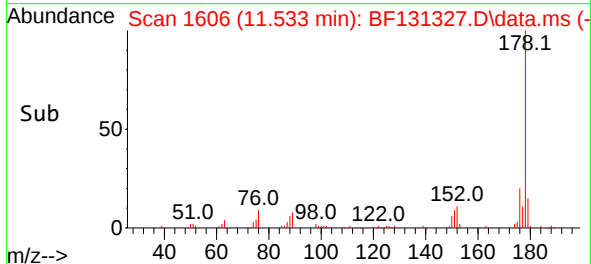
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



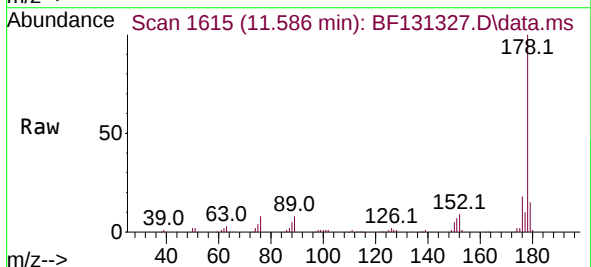
Tgt Ion:178 Resp: 93498
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.1 12.4 18.6

Manual Integrations
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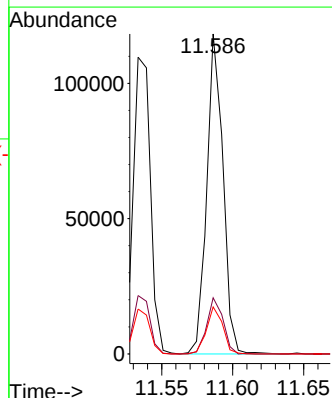
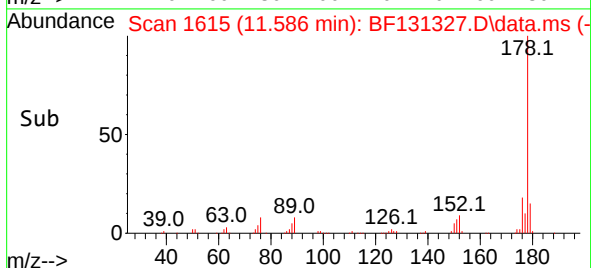
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

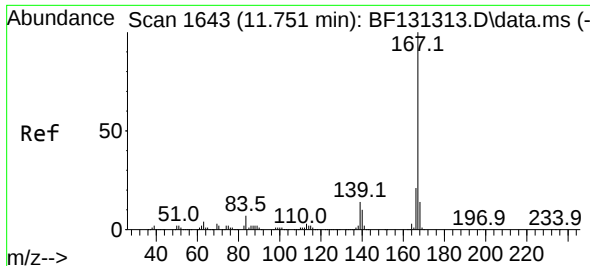


#72
Anthracene
Concen: 3.720 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



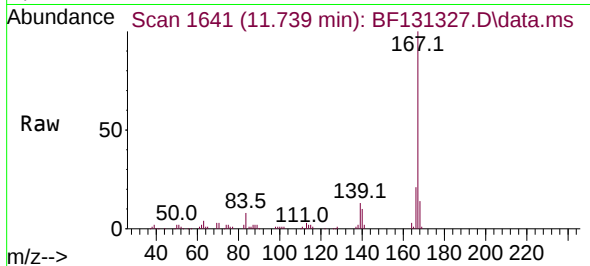
Tgt Ion:178 Resp: 93608
Ion Ratio Lower Upper
178 100
176 17.5 14.7 22.1
179 14.7 12.2 18.4





#73
 Carbazole
 Concen: 3.723 ng
 RT: 11.739 min Scan# 1641
 Delta R.T. -0.012 min
 Lab File: BF131327.D
 Acq: 22 Nov 2022 13:04

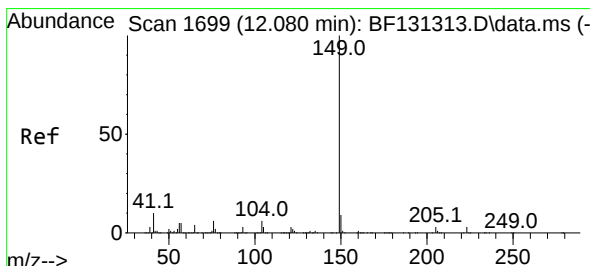
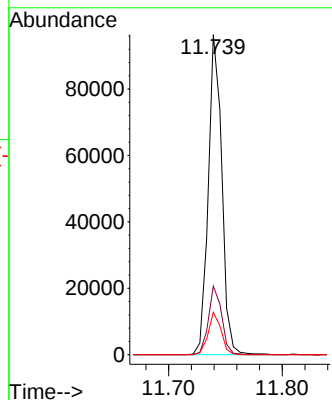
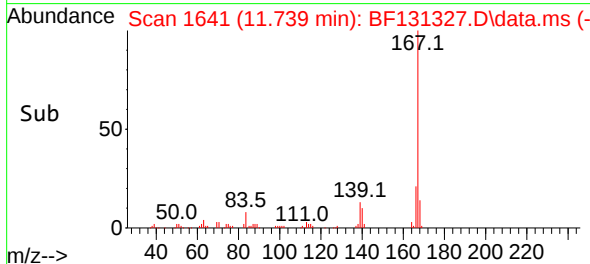
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT4-2022



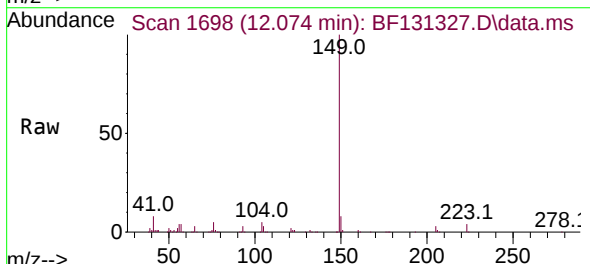
Tgt Ion:167 Resp: 79929
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.2 10.8 16.2

Manual Integrations
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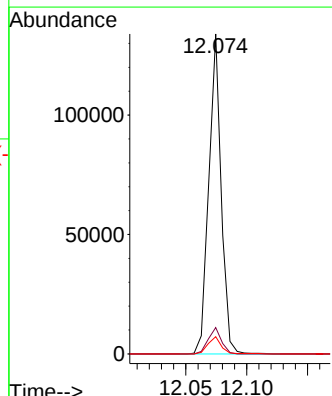
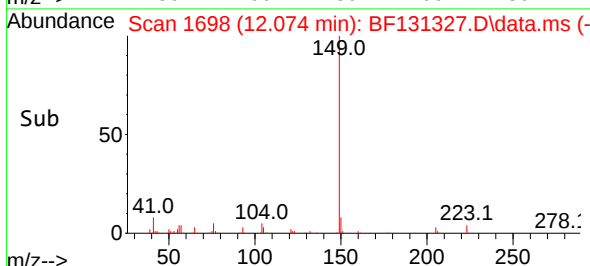
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

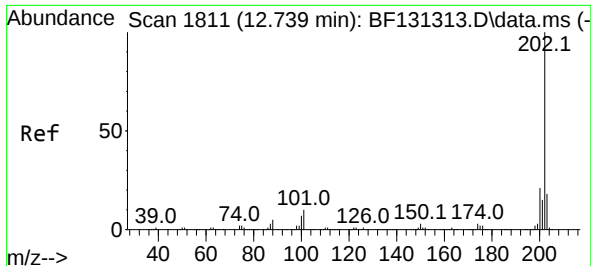


#74
 Di-n-butylphthalate
 Concen: 3.749 ng
 RT: 12.074 min Scan# 1698
 Delta R.T. -0.006 min
 Lab File: BF131327.D
 Acq: 22 Nov 2022 13:04



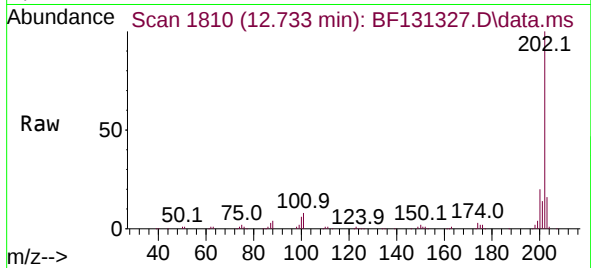
Tgt Ion:149 Resp: 94835
 Ion Ratio Lower Upper
 149 100
 150 8.2 7.3 10.9
 104 5.4 4.7 7.1





#75
Fluoranthene
Concen: 3.673 ng
RT: 12.733 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

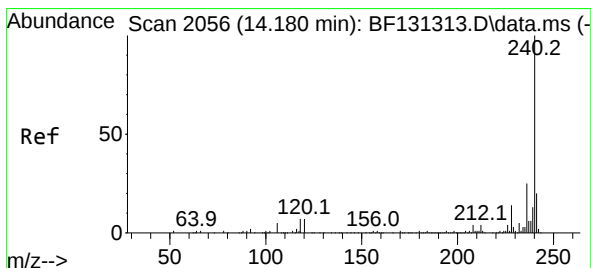
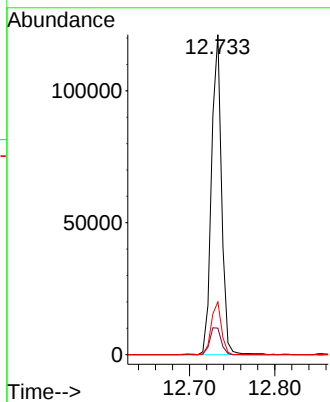
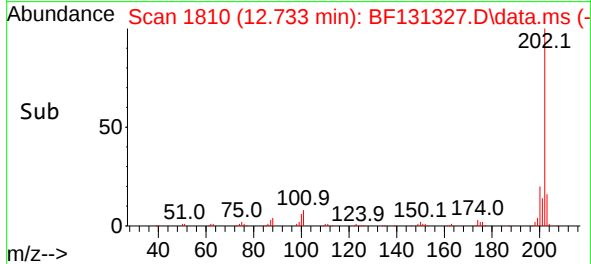
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



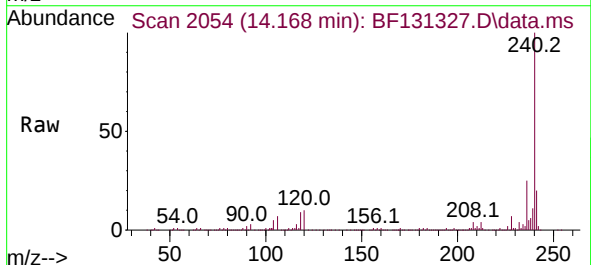
Tgt Ion:202 Resp: 99104
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.6
203 16.5 0.0 37.8

Manual Integrations
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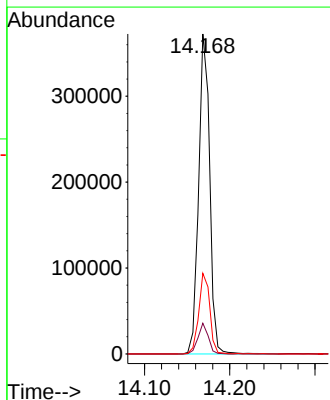
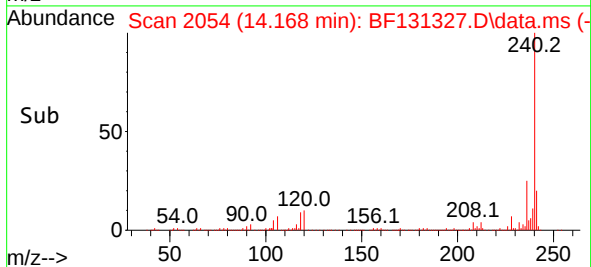
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

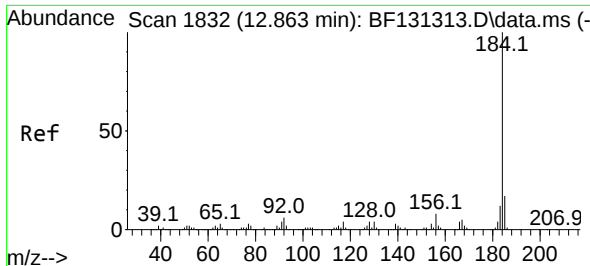


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



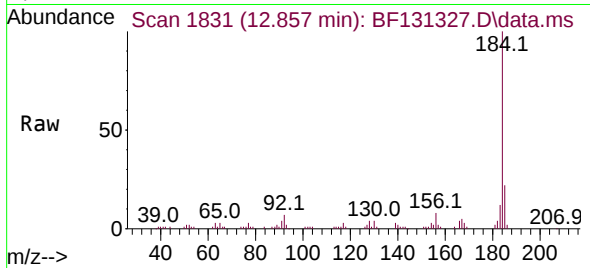
Tgt Ion:240 Resp: 334246
Ion Ratio Lower Upper
240 100
120 9.6 5.8 8.8#
236 25.2 20.3 30.5





#77
Benzidine
Concen: 6.131 ng
RT: 12.857 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

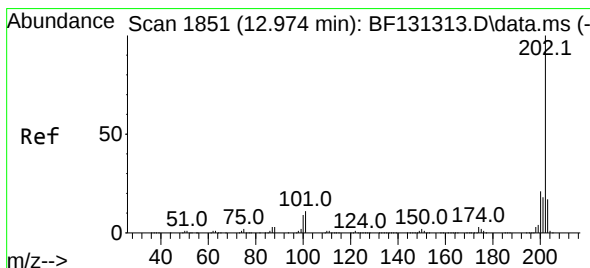
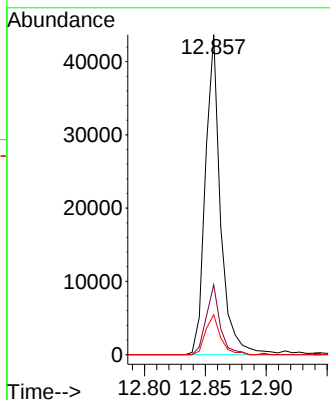
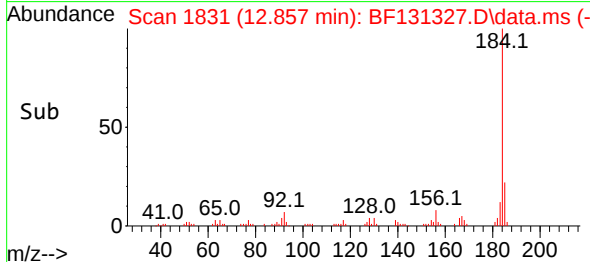
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



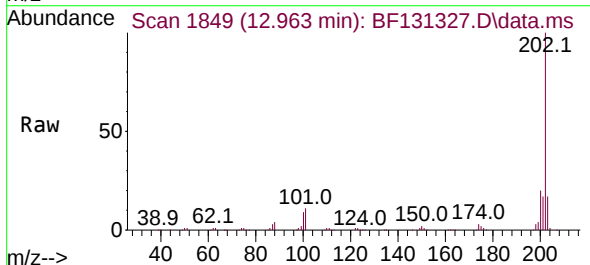
Tgt Ion:184 Resp: 37852
Ion Ratio Lower Upper
184 100
185 21.8 13.8 20.8
183 12.5 9.6 14.4

Manual Integrations
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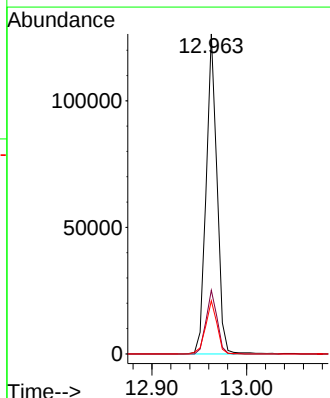
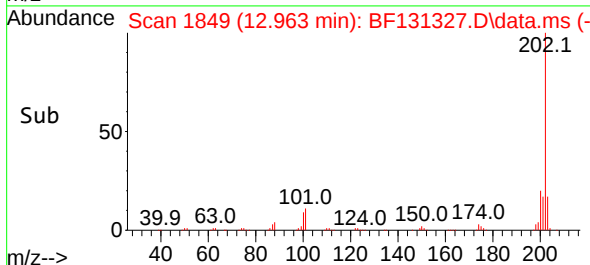
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

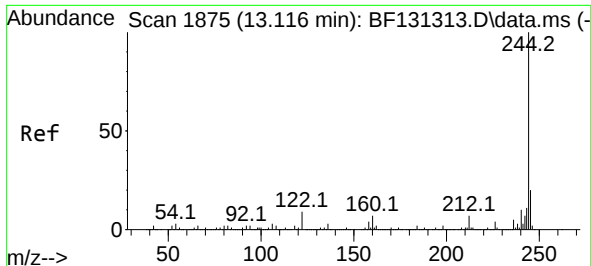


#78
Pyrene
Concen: 3.424 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



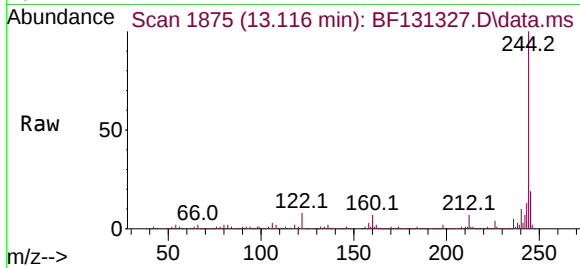
Tgt Ion:202 Resp: 100962
Ion Ratio Lower Upper
202 100
200 19.9 16.9 25.3
203 16.6 13.9 20.9





#79
 Terphenyl-d14
 Concen: 63.037 ng
 RT: 13.116 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131327.D
 Acq: 22 Nov 2022 13:04

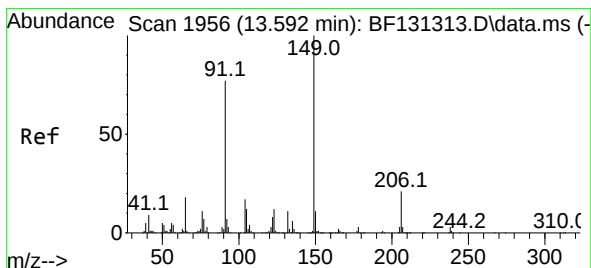
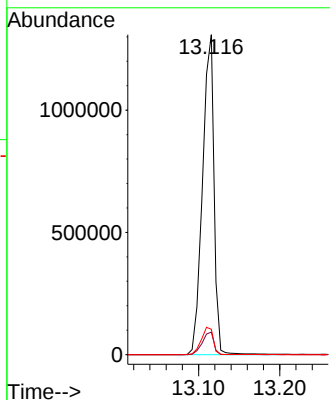
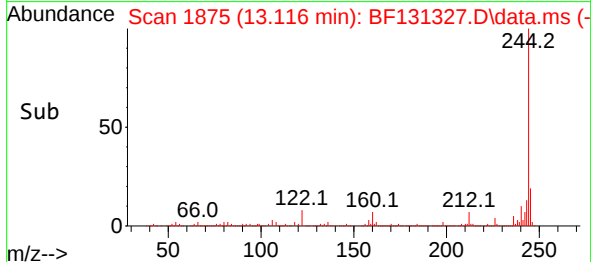
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2022



Tgt Ion:244 Resp: 1288466
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 7.9 7.5 11.3

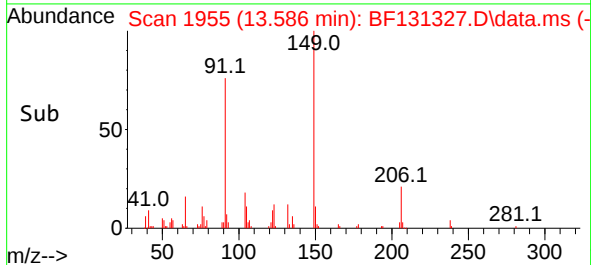
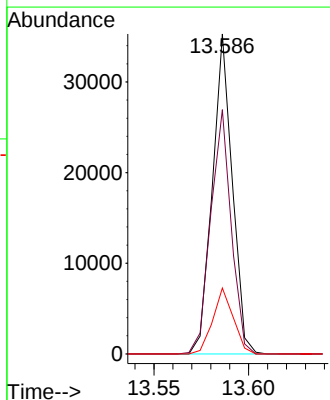
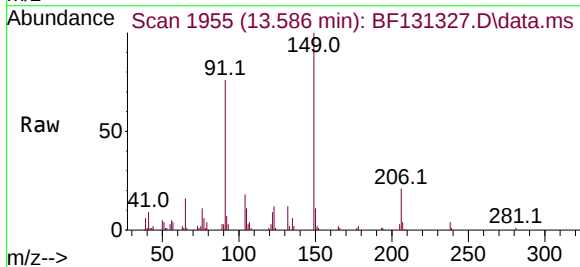
Manual Integrations
 APPROVED

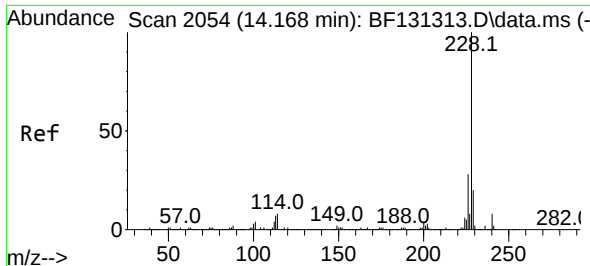
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022



#80
 Butylbenzylphthalate
 Concen: 3.037 ng
 RT: 13.586 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: BF131327.D
 Acq: 22 Nov 2022 13:04

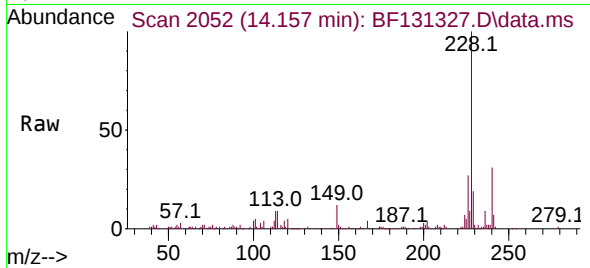
Tgt Ion:149 Resp: 25810
 Ion Ratio Lower Upper
 149 100
 91 76.3 61.9 92.9
 206 20.6 16.5 24.7





#81
Benzo(a)anthracene
Concen: 3.471 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

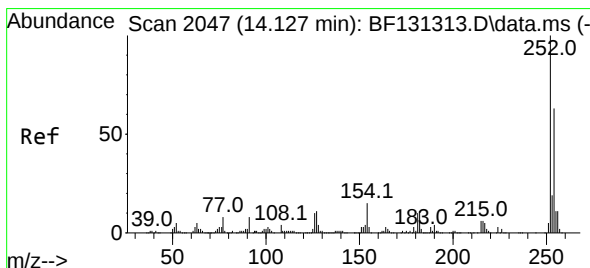
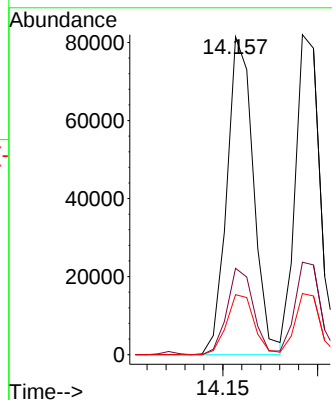
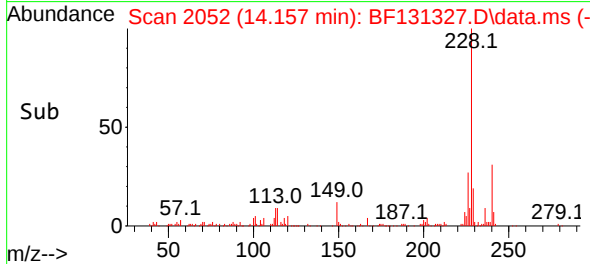
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:228 Resp: 79519
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 18.9 15.7 23.5

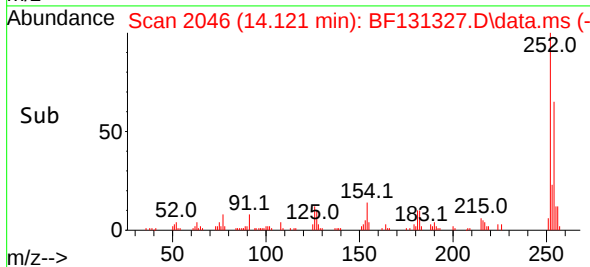
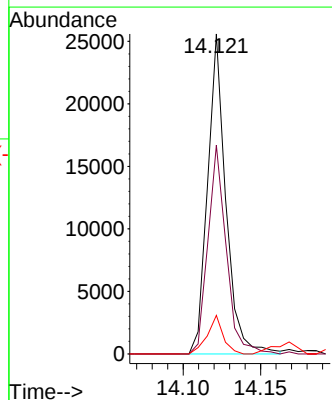
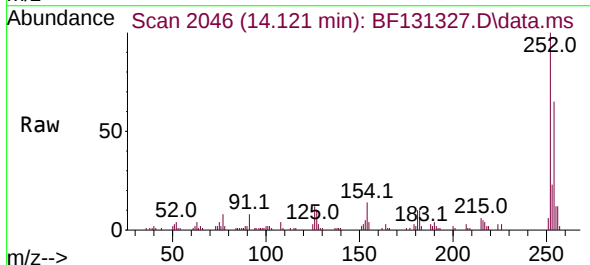
Manual Integrations
APPROVED

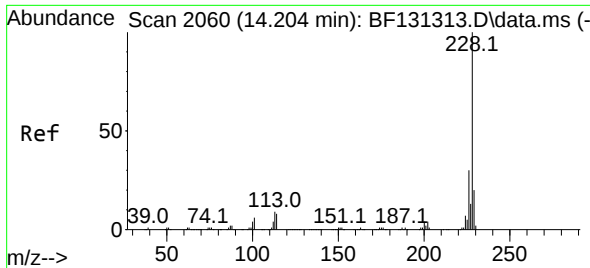
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 3.450 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

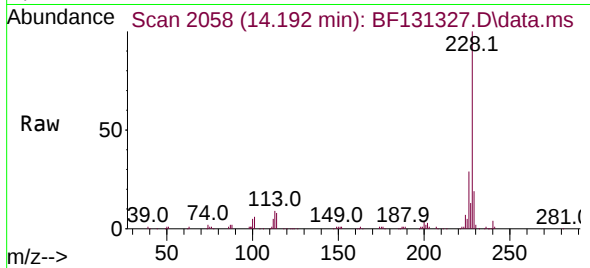
Tgt Ion:252 Resp: 20973
Ion Ratio Lower Upper
252 100
254 65.3 50.8 76.2
126 12.0 8.3 12.5





#83
Chrysene
Concen: 3.310 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

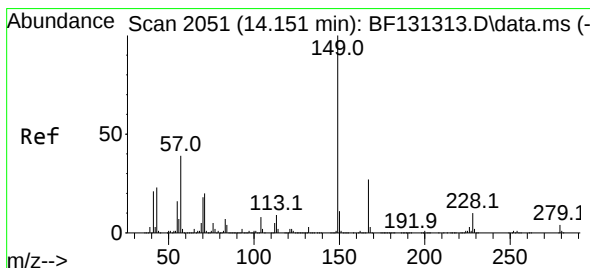
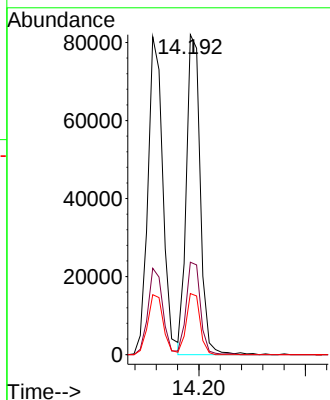
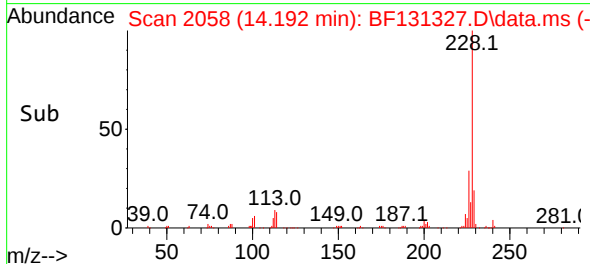
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



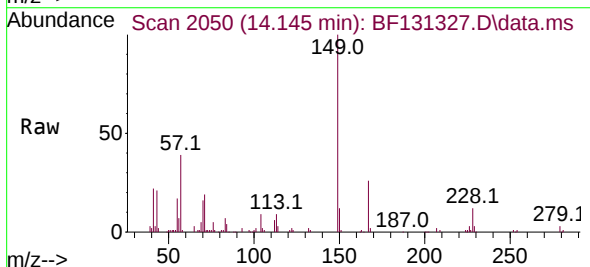
Tgt Ion:228 Resp: 74391
Ion Ratio Lower Upper
228 100
226 28.9 23.7 35.5
229 19.1 16.2 24.4

Manual Integrations
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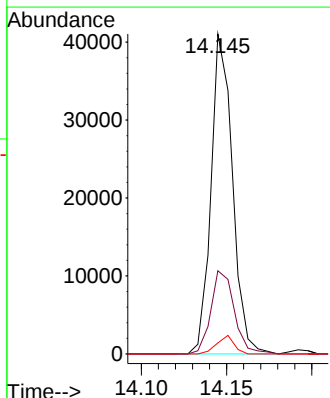
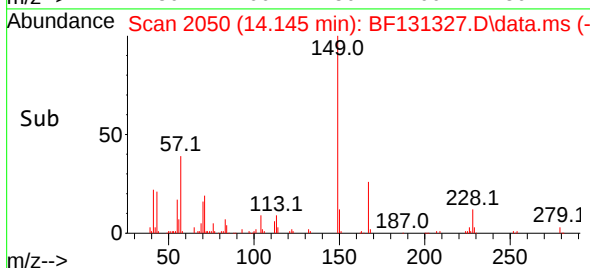
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

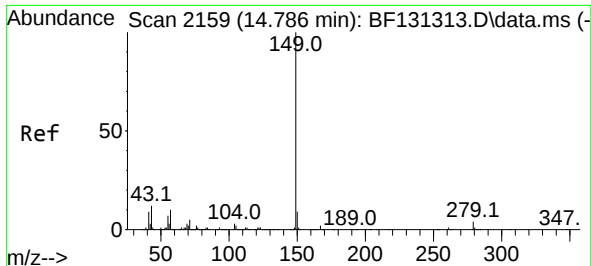


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.127 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



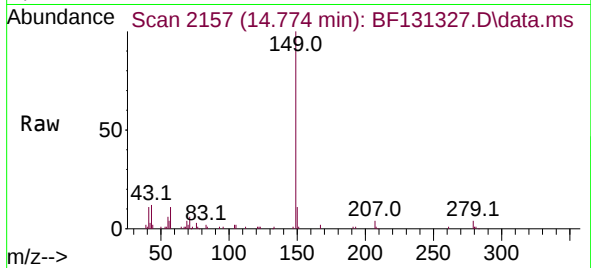
Tgt Ion:149 Resp: 35860
Ion Ratio Lower Upper
149 100
167 26.0 21.9 32.9
279 3.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 2.296 ng
RT: 14.774 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

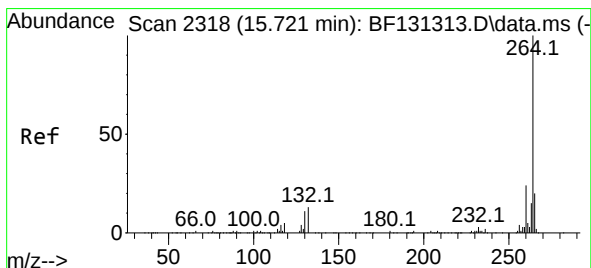
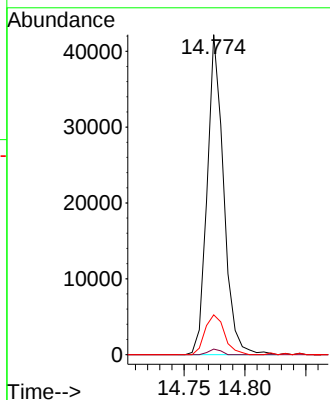
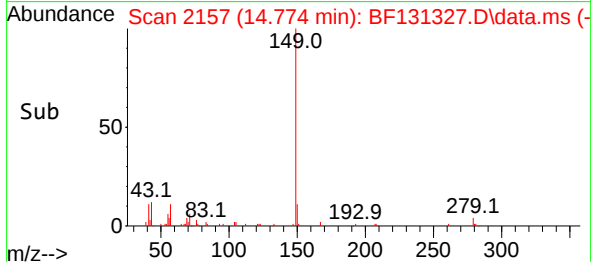
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:149 Resp: 39710
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 14.7 10.7 16.1

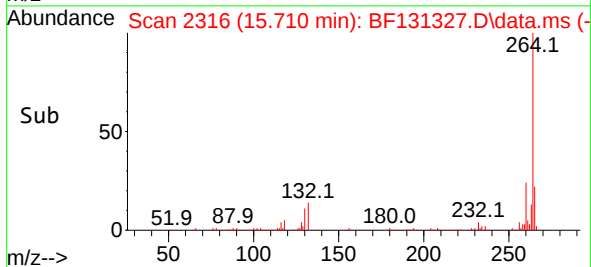
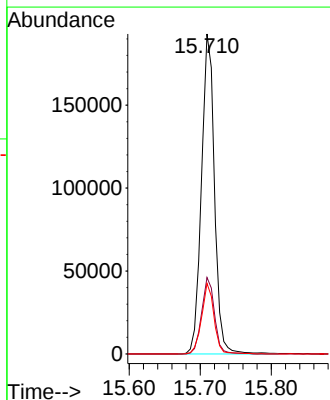
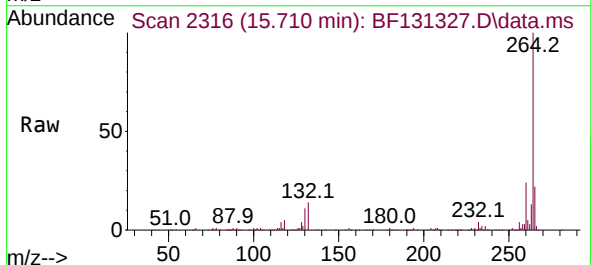
Manual Integrations
APPROVED

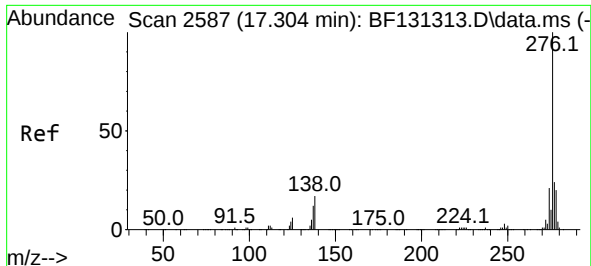
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.710 min Scan# 2316
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

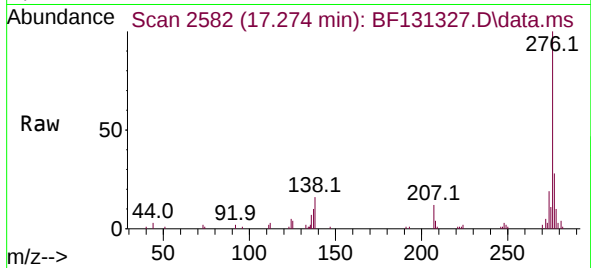
Tgt Ion:264 Resp: 244364
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 22.0 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.682 ng
RT: 17.274 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

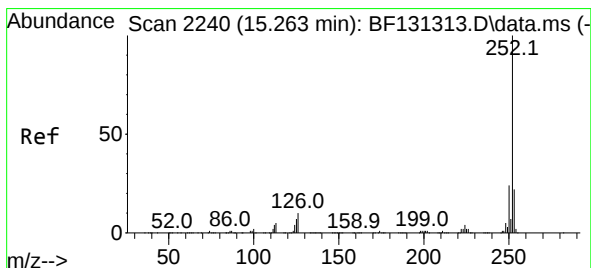
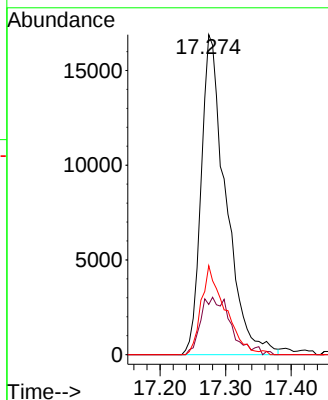
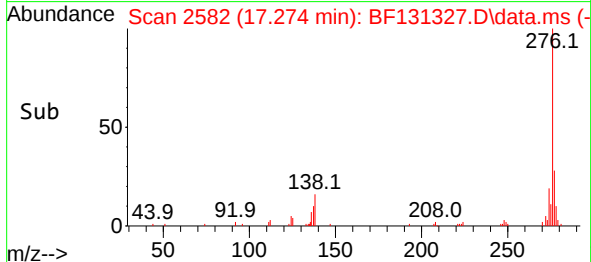
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



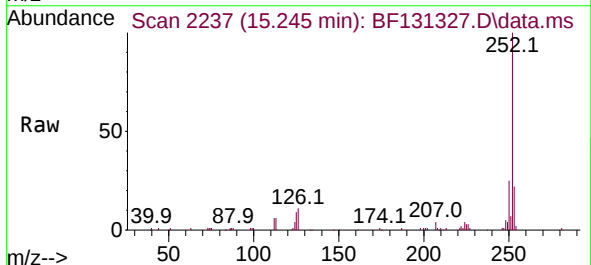
Tgt Ion: 276 Resp: 44018
Ion Ratio Lower Upper
276 100
138 22.1 15.8 23.6
277 27.1 20.3 30.5

Manual Integrations
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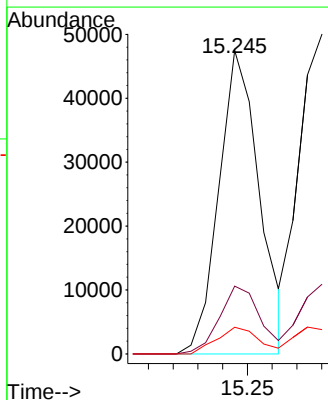
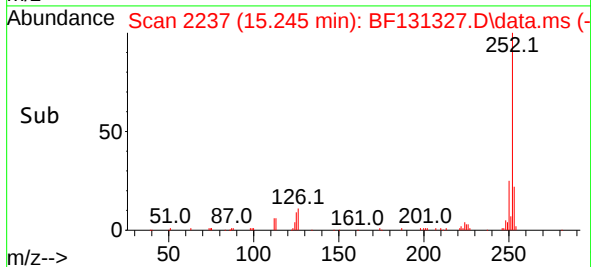
Reviewed By : Christian Giraldo 11/23/2022
Supervised By : Jagrut Upadhyay 11/23/2022

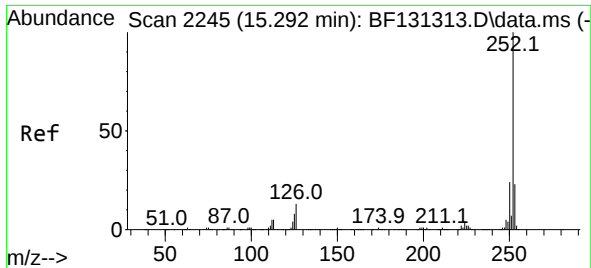


#88
Benzo(b)fluoranthene
Concen: 3.332 ng m
RT: 15.245 min Scan# 2237
Delta R.T. -0.018 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



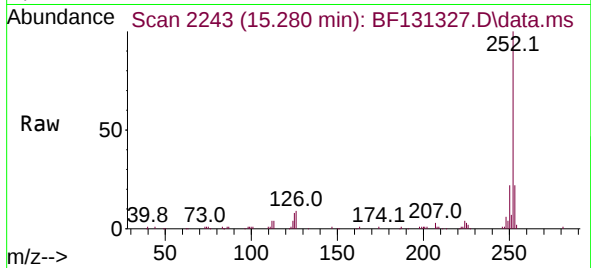
Tgt Ion: 252 Resp: 54096
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.8 5.8 8.6#





#89
Benzo(k)fluoranthene
Concen: 3.387 ng
RT: 15.280 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

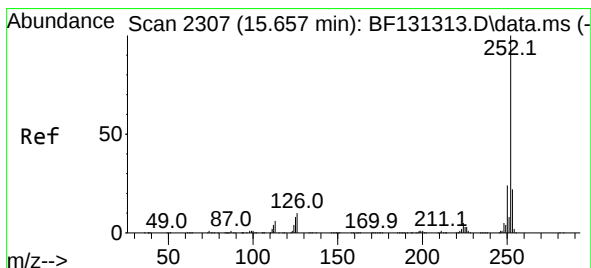
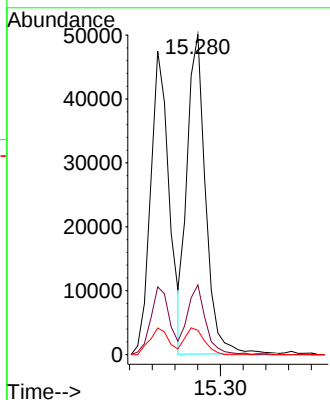
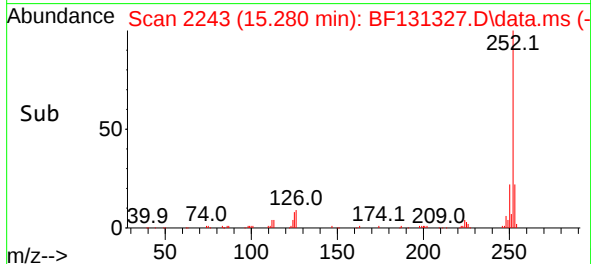
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



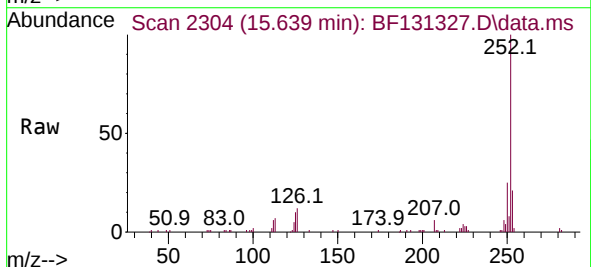
Tgt Ion:252 Resp: 56497
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 7.6 6.6 10.0

Manual Integrations
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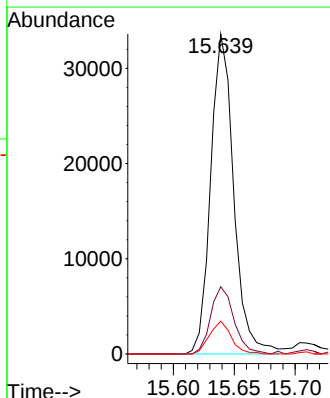
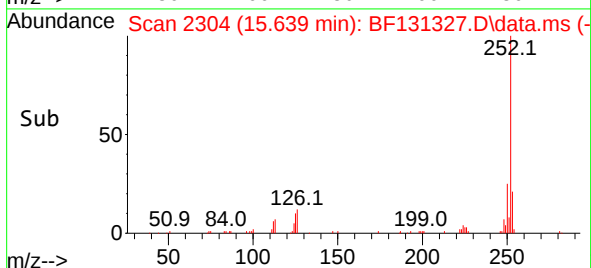
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

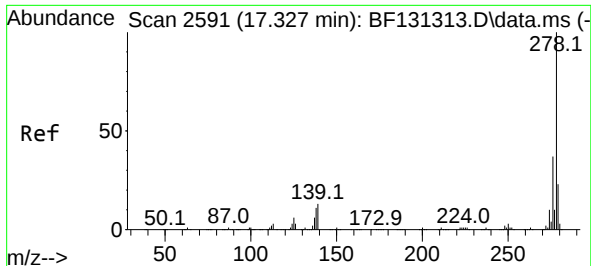


#90
Benzo(a)pyrene
Concen: 3.323 ng
RT: 15.639 min Scan# 2304
Delta R.T. -0.018 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



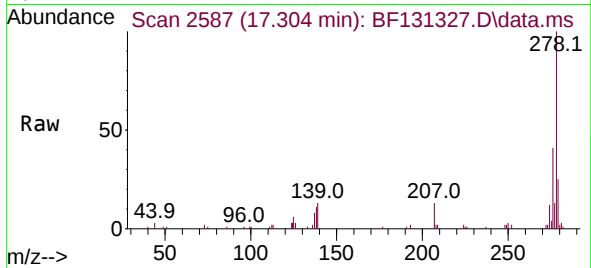
Tgt Ion:252 Resp: 44261
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 10.2 6.1 9.1#





#91
Dibenzo(a,h)anthracene
Concen: 2.862 ng
RT: 17.304 min Scan# 2587
Delta R.T. -0.024 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04

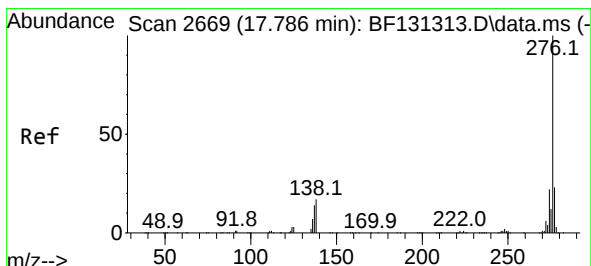
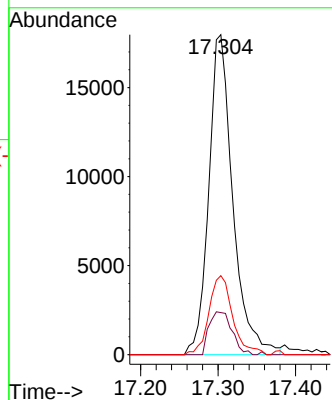
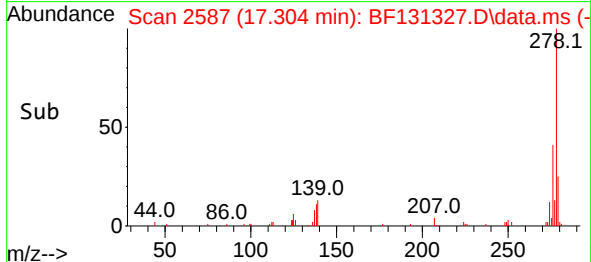
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



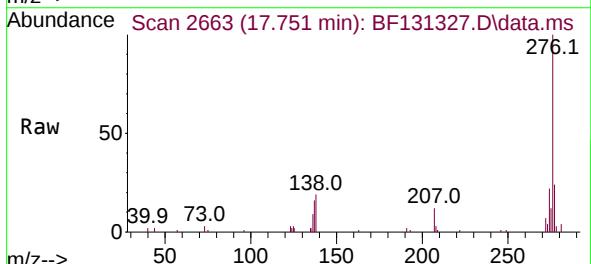
Tgt Ion:278 Resp: 38782
Ion Ratio Lower Upper
278 100
139 13.1 10.4 15.6
279 24.7 18.3 27.5

Manual Integrations
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Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#92
Benzo(g,h,i)perylene
Concen: 2.896 ng
RT: 17.751 min Scan# 2663
Delta R.T. -0.035 min
Lab File: BF131327.D
Acq: 22 Nov 2022 13:04



Tgt Ion:276 Resp: 39166
Ion Ratio Lower Upper
276 100
277 24.1 18.3 27.5
138 18.7 13.8 20.6

