

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126972.D
 Acq On : 21 Feb 2022 14:30
 Operator : CG\JU
 Sample : M4068-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 21 14:50:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	98860	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	391605	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	204351	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	375599	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	293488	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	265727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	911988	142.580	ng	0.00
7) Phenol-d6	6.551	99	1233210	142.883	ng	0.00
23) Nitrobenzene-d5	7.486	82	695614	80.178	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	373858	158.898	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1137537	81.949	ng	0.00
79) Terphenyl-d14	13.039	244	1412020	70.726	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	10670	3.645	ng	95
3) Pyridine	3.575	79	25297	3.295	ng	95
4) n-Nitrosodimethylamine	3.451	42	13147	3.496	ng	# 74
6) Aniline	6.587	93	41452	4.053	ng	95
8) 2-Chlorophenol	6.704	128	25721	3.748	ng	84
9) Benzaldehyde	6.475	77	23896	4.548	ng	95
10) Phenol	6.557	94	32662	3.745	ng	# 58
11) bis(2-Chloroethyl)ether	6.657	93	25336	3.704	ng	97
12) 1,3-Dichlorobenzene	6.863	146	28836	3.895	ng	97
13) 1,4-Dichlorobenzene	6.939	146	29508	3.932	ng	95
14) 1,2-Dichlorobenzene	7.092	146	26895	3.758	ng	96
15) Benzyl Alcohol	7.057	79	34512m	4.746	ng	
16) 2,2'-oxybis(1-Chloropr...	7.186	45	36894	3.425	ng	94
17) 2-Methylphenol	7.157	107	22991	3.872	ng	95
18) Hexachloroethane	7.434	117	10816	3.760	ng	# 87
19) n-Nitroso-di-n-propyla...	7.322	70	21021	3.780	ng	95
20) 3+4-Methylphenols	7.310	107	28717	3.724	ng	# 69
22) Acetophenone	7.322	105	41073	3.984	ng	98
24) Nitrobenzene	7.498	77	33624	4.103	ng	94
25) Isophorone	7.733	82	55781	3.885	ng	# 95
26) 2-Nitrophenol	7.816	139	12763	3.658	ng	# 85
27) 2,4-Dimethylphenol	7.845	122	24562	4.285	ng	93
28) bis(2-Chloroethoxy)met...	7.945	93	32451	3.729	ng	99
29) 2,4-Dichlorophenol	8.051	162	19727	3.660	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	22934	3.806	ng	98
31) Naphthalene	8.222	128	80418	3.934	ng	99
33) 4-Chloroaniline	8.269	127	31569	3.923	ng	96
34) Hexachlorobutadiene	8.333	225	12906	3.669	ng	97
35) Caprolactam	8.598	113	6790	3.608	ng	# 89
36) 4-Chloro-3-methylphenol	8.739	107	25703	3.732	ng	93
37) 2-Methylnaphthalene	8.916	142	50734	3.825	ng	94
38) 1-Methylnaphthalene	9.010	142	51043	4.018	ng	95
40) 1,2,4,5-Tetrachloroben...	9.075	216	21116	3.925	ng	99
41) Hexachlorocyclopentadiene	9.063	237	9084	3.114	ng	94
43) 2,4,6-Trichlorophenol	9.186	196	14214	3.603	ng	90
44) 2,4,5-Trichlorophenol	9.227	196	14205	3.421	ng	96

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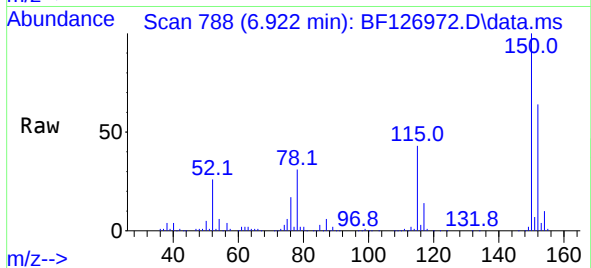
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.375	154	65835	4.066	ng	98
47) 2-Chloronaphthalene	9.404	162	47104	3.923	ng	97
48) 2-Nitroaniline	9.498	65	17068	3.603	ng	96
49) Acenaphthylene	9.822	152	78095	4.004	ng	98
50) Dimethylphthalate	9.669	163	54366	3.722	ng	99
51) 2,6-Dinitrotoluene	9.733	165	10634	3.578	ng	# 75
52) Acenaphthene	9.992	154	47915	3.778	ng	93
53) 3-Nitroaniline	9.904	138	12626	3.476	ng	# 99
54) 2,4-Dinitrophenol	10.010	184	3518	2.237	ng	# 82
55) Dibenzofuran	10.163	168	67838	3.890	ng	93
56) 4-Nitrophenol	10.057	139	9689	3.611	ng	# 85
57) 2,4-Dinitrotoluene	10.139	165	14832	3.691	ng	# 93
58) Fluorene	10.504	166	52568	3.870	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.274	232	11398	3.463	ng	94
60) Diethylphthalate	10.374	149	57704	3.781	ng	98
61) 4-Chlorophenyl-phenyle...	10.498	204	24573	3.836	ng	97
62) 4-Nitroaniline	10.516	138	13167	3.671	ng	# 79
63) Azobenzene	10.657	77	61434	3.615	ng	94
65) 4,6-Dinitro-2-methylph...	10.545	198	5712	2.588	ng	85
66) n-Nitrosodiphenylamine	10.616	169	45210	3.671	ng	96
67) 4-Bromophenyl-phenylether	10.986	248	15061	3.589	ng	# 79
68) Hexachlorobenzene	11.051	284	17731	3.925	ng	93
69) Atrazine	11.133	200	15170	3.971	ng	96
70) Pentachlorophenol	11.245	266	7164	2.905	ng	98
71) Phenanthrene	11.469	178	81601	3.882	ng	97
72) Anthracene	11.521	178	82495	3.942	ng	99
73) Carbazole	11.674	167	71241	3.712	ng	100
74) Di-n-butylphthalate	12.004	149	89042	3.609	ng	99
75) Fluoranthene	12.663	202	81089	4.062	ng	91
77) Benzidine	12.780	184	40841	5.121	ng	# 97
78) Pyrene	12.892	202	81513	3.197	ng	99
80) Butylbenzylphthalate	13.504	149	36633	3.035	ng	88
81) Benzo(a)anthracene	14.080	228	74417	3.761	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	24618	3.948	ng	# 95
83) Chrysene	14.115	228	69267	3.723	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	50918	3.213	ng	96
85) Di-n-octyl phthalate	14.674	149	80217	3.516	ng	98
87) Indeno(1,2,3-cd)pyrene	17.103	276	53457	3.068	ng	# 88
88) Benzo(b)fluoranthene	15.139	252	65603	3.676	ng	# 95
89) Benzo(k)fluoranthene	15.174	252	64934	3.772	ng	# 94
90) Benzo(a)pyrene	15.521	252	60335	4.328	ng	# 94
91) Dibenzo(a,h)anthracene	17.121	278	46276	3.211	ng	# 89
92) Benzo(g,h,i)perylene	17.562	276	45150	3.178	ng	# 90

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

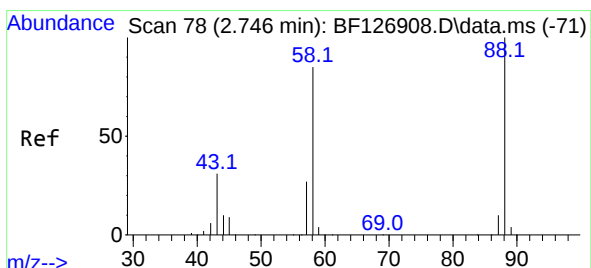
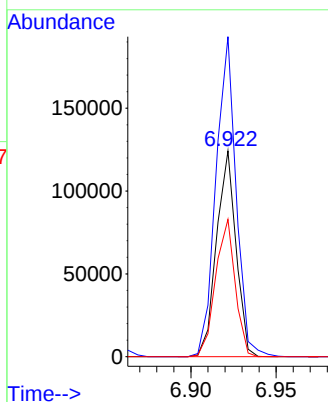
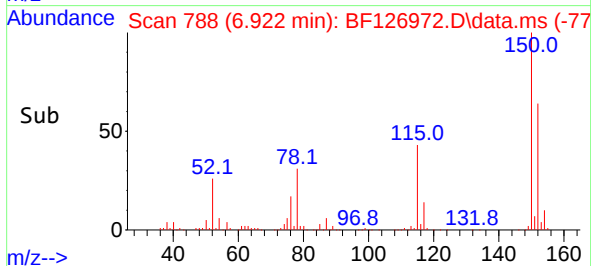
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



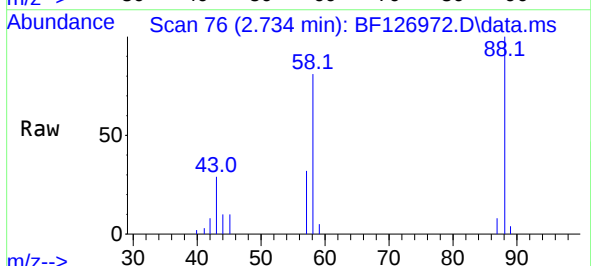
Tgt Ion:152 Resp: 98860
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 66.7 56.7 85.1

Manual Integrations
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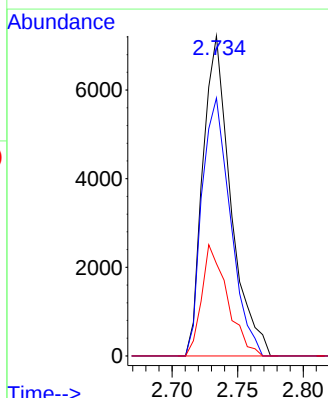
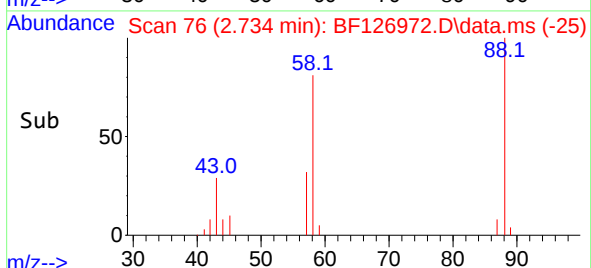
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#2
1,4-Dioxane
Concen: 3.645 ng
RT: 2.734 min Scan# 76
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



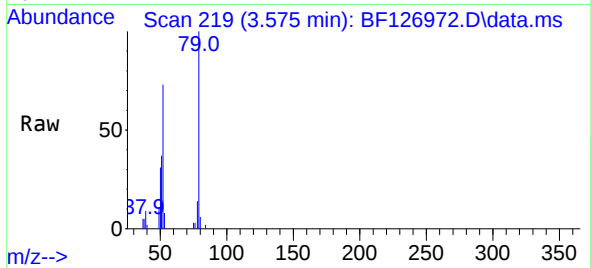
Tgt Ion: 88 Resp: 10670
Ion Ratio Lower Upper
88 100
58 82.4 62.8 94.2
43 32.2 22.3 33.5





#3
Pyridine
Concen: 3.295 ng
RT: 3.575 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

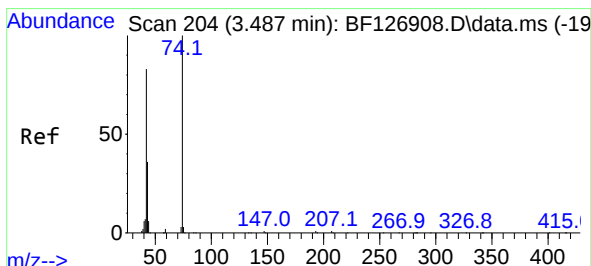
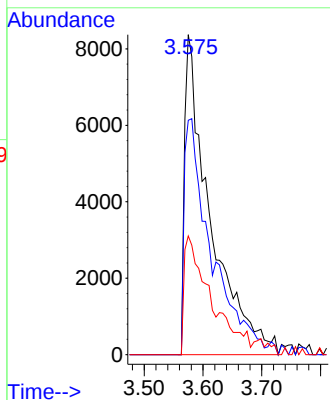
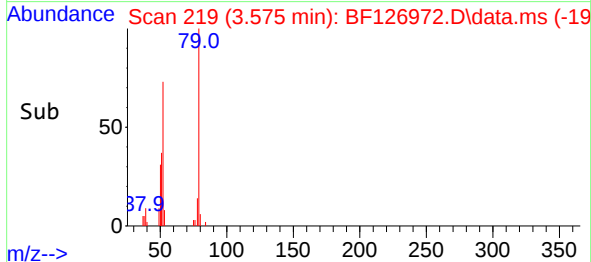
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



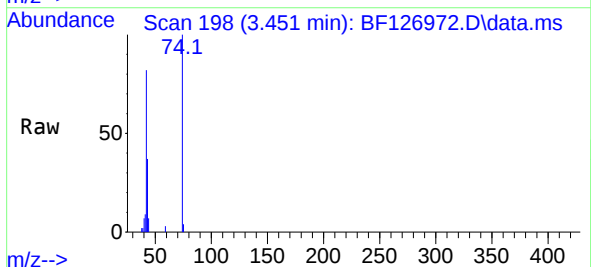
Tgt Ion: 79 Resp: 2529
Ion Ratio Lower Upper
79 100
52 73.3 56.2 84.4
51 37.1 26.7 40.1

Manual Integrations
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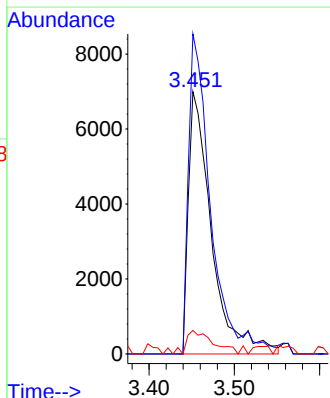
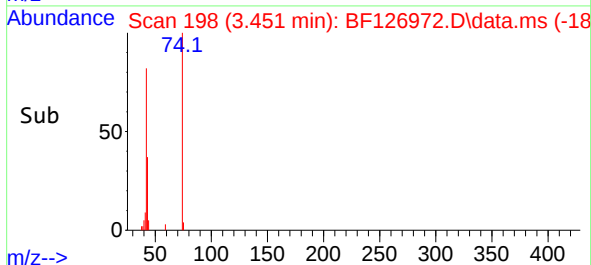
Reviewed By :Christian Giraldo 02/22/2022
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#4
n-Nitrosodimethylamine
Concen: 3.496 ng
RT: 3.451 min Scan# 198
Delta R.T. -0.024 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



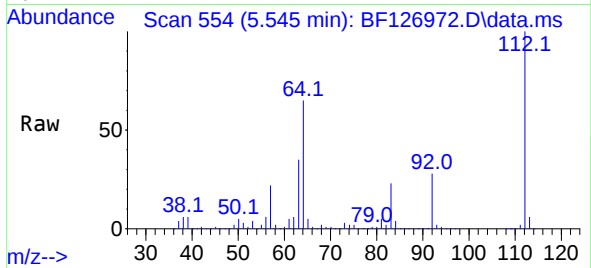
Tgt Ion: 42 Resp: 13147
Ion Ratio Lower Upper
42 100
74 122.0 125.6 188.4#
44 9.0 5.7 8.5#





#5
2-Fluorophenol
Concen: 142.580 ng
RT: 5.545 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

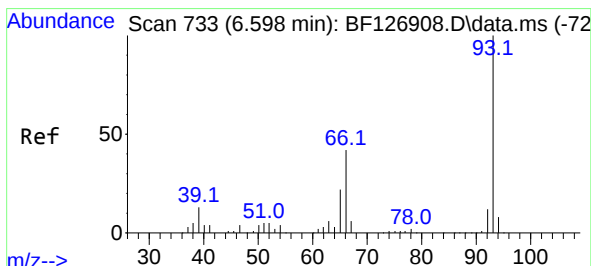
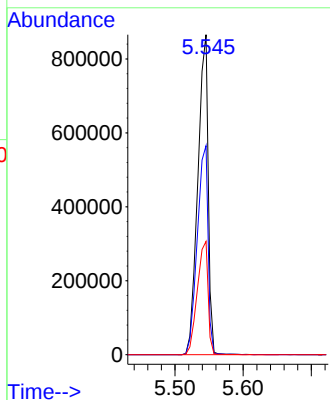
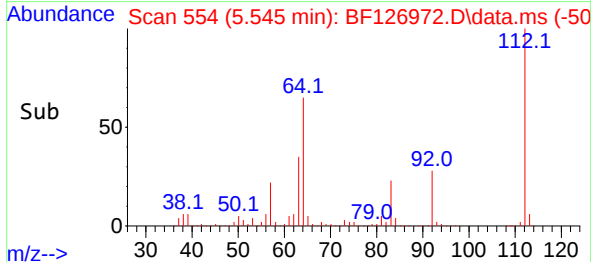
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



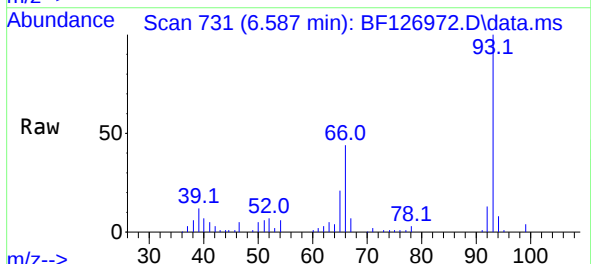
Tgt Ion:112 Resp: 911988
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 35.4 23.9 35.9

Manual Integrations
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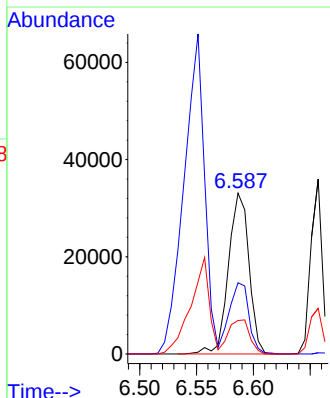
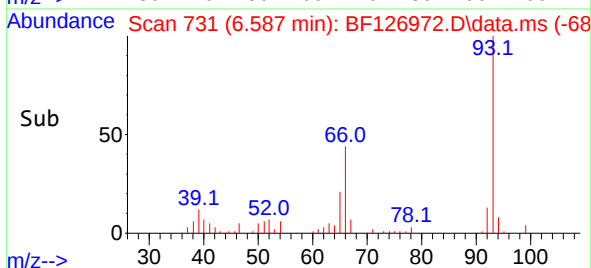
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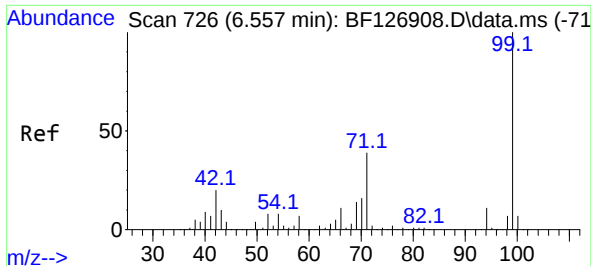


#6
Aniline
Concen: 4.053 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



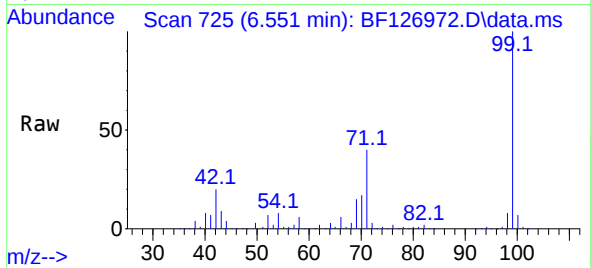
Tgt Ion: 93 Resp: 41452
Ion Ratio Lower Upper
93 100
66 44.3 32.2 48.4
65 20.8 16.3 24.5





#7
Phenol-d6
Concen: 142.883 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

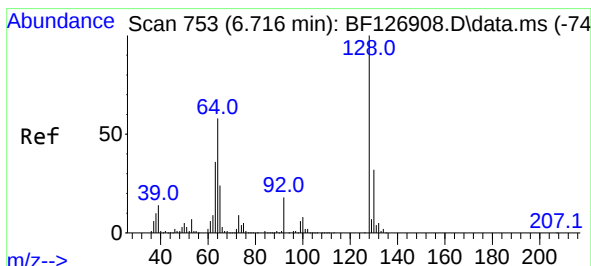
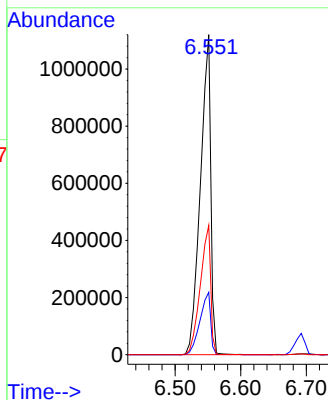
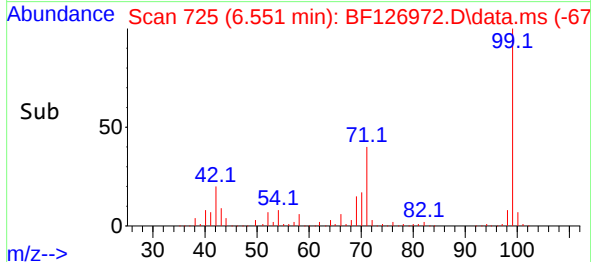
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 99 Resp: 1233210
Ion Ratio Lower Upper
99 100
42 19.5 14.2 21.4
71 40.4 24.3 36.5

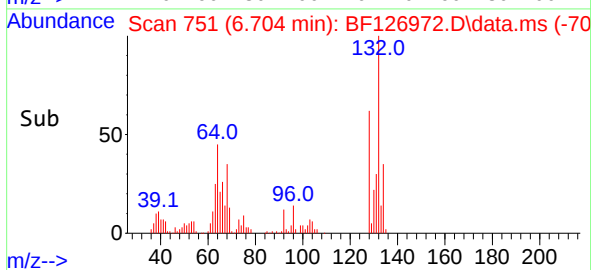
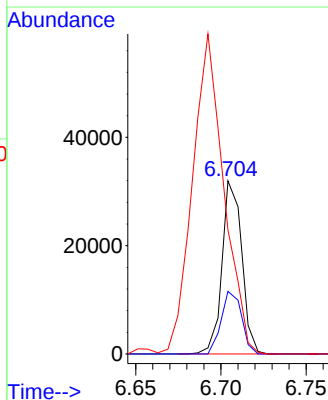
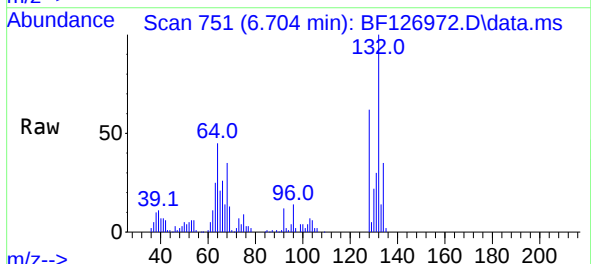
Manual Integrations
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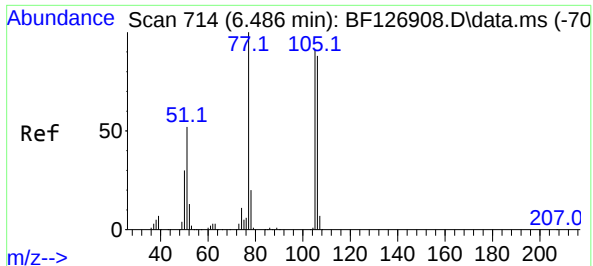
Reviewed By :Christian Giraldo 02/22/2022
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#8
2-Chlorophenol
Concen: 3.748 ng
RT: 6.704 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

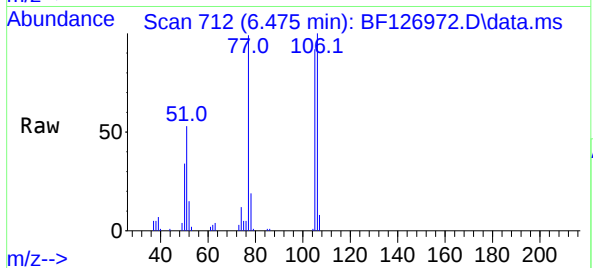
Tgt Ion:128 Resp: 25721
Ion Ratio Lower Upper
128 100
130 36.1 12.7 52.7
64 71.6 35.6 75.6





#9
Benzaldehyde
Concen: 4.548 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

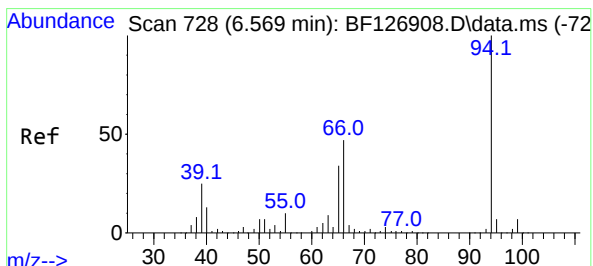
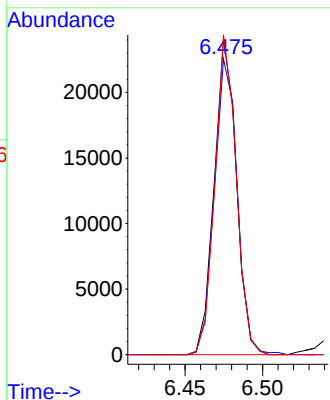
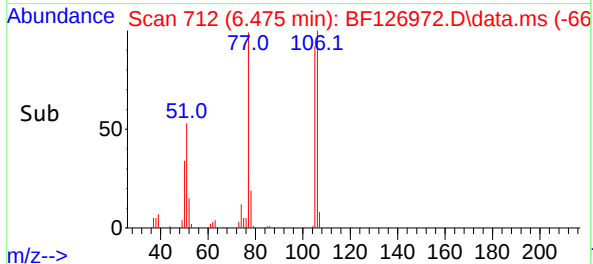
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



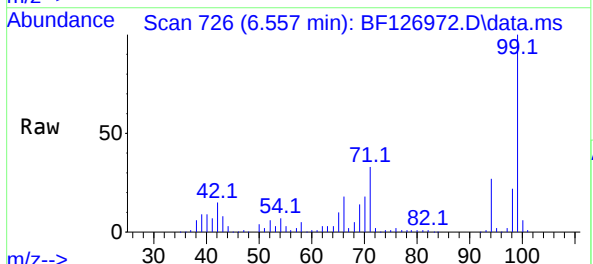
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Ion Ratio Lower Upper
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106 101.2 72.4 112.4

Manual Integrations
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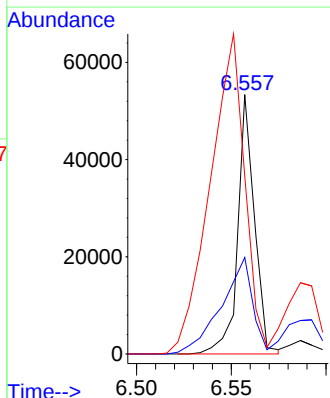
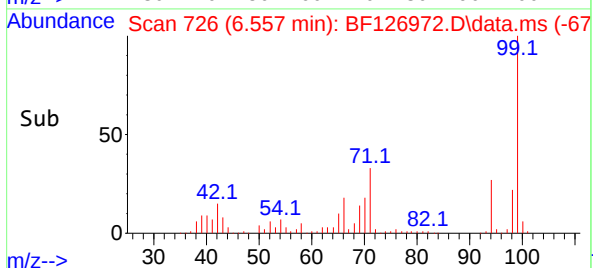
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

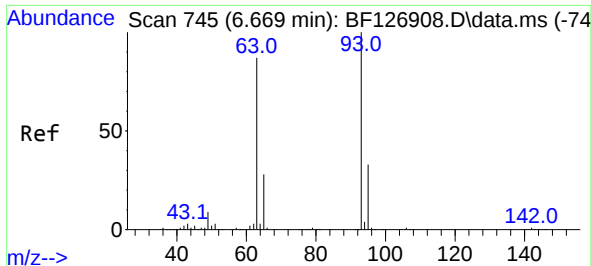


#10
Phenol
Concen: 3.745 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



Tgt Ion: 94 Resp: 32662
Ion Ratio Lower Upper
94 100
65 37.2 7.2 47.2
66 68.6 14.5 54.5#





#11

bis(2-Chloroethyl)ether

Concen: 3.704 ng

RT: 6.657 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

Instrument :

BNA_F

ClientSampleId :

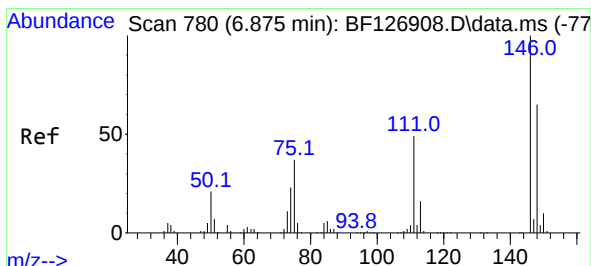
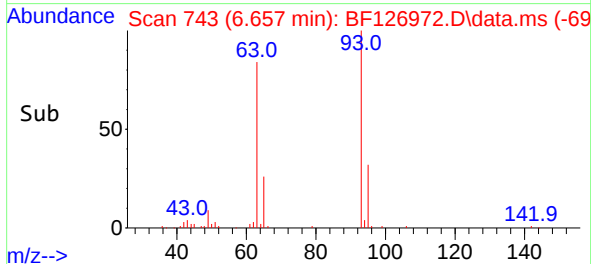
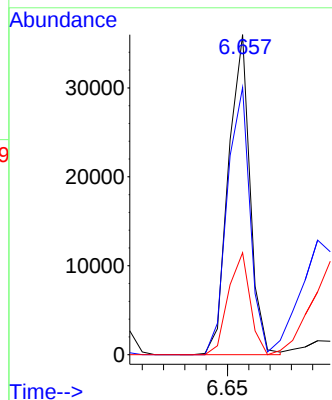
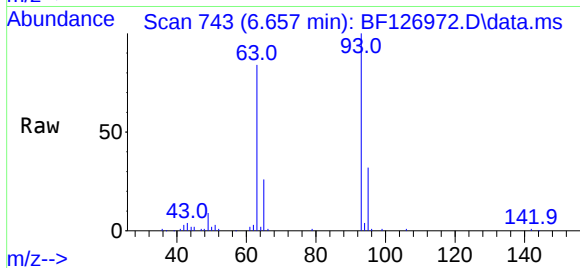
MDL-WATER-03-QT4-2021

Tgt Ion: 93 Resp: 25336

Ion	Ratio	Lower	Upper
93	100		
63	83.5	60.5	100.5
95	31.9	12.9	52.9

Manual Integrations
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Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#12

1,3-Dichlorobenzene

Concen: 3.895 ng

RT: 6.863 min Scan# 778

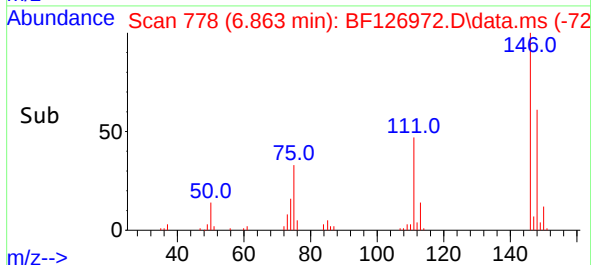
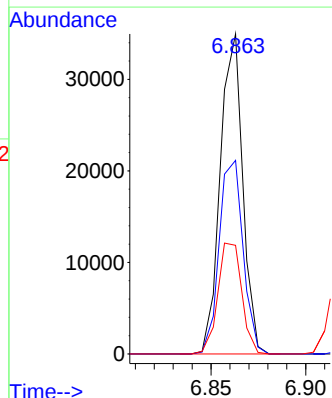
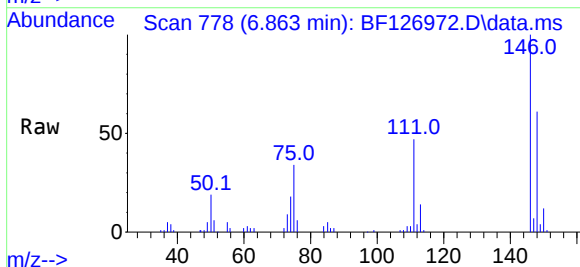
Delta R.T. -0.000 min

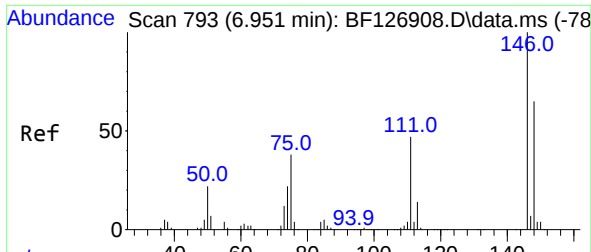
Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

Tgt Ion:146 Resp: 28836

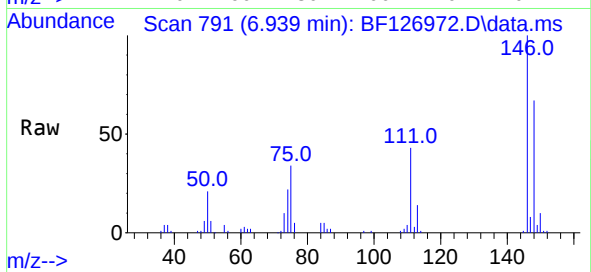
Ion	Ratio	Lower	Upper
146	100		
148	60.5	50.9	76.3
75	34.0	28.4	42.6





#13
1,4-Dichlorobenzene
Concen: 3.932 ng
RT: 6.939 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

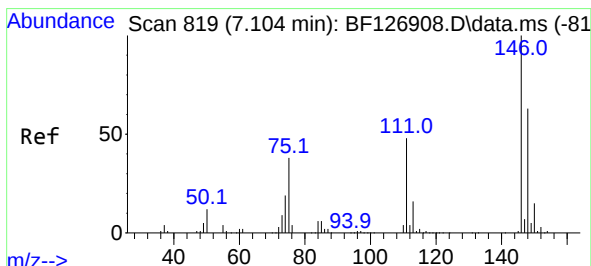
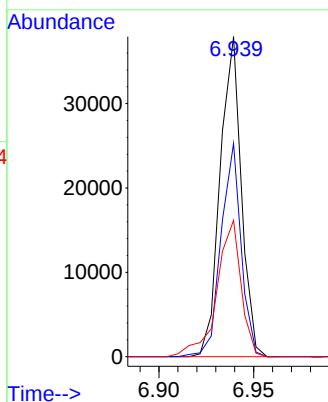
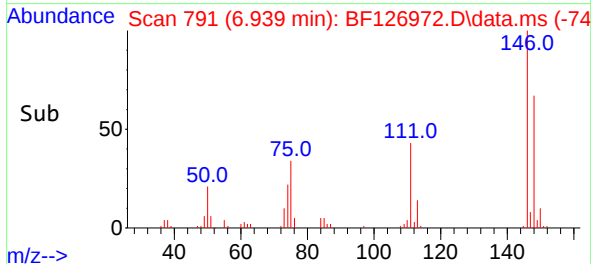
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



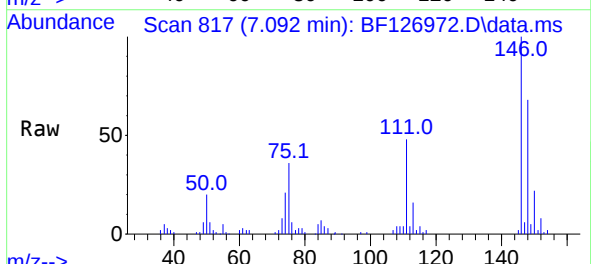
Tgt Ion:146 Resp: 29508
Ion Ratio Lower Upper
146 100
148 66.7 49.8 74.6
111 42.6 36.1 54.1

Manual Integrations
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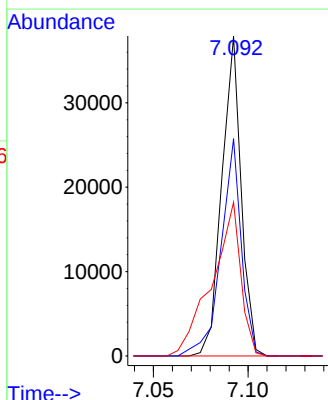
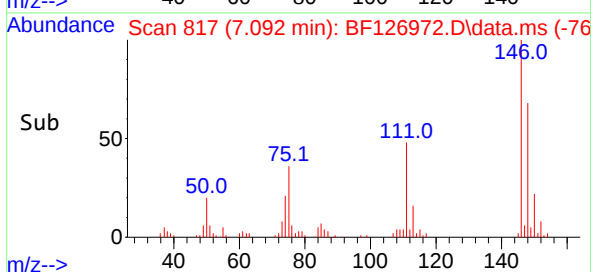
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

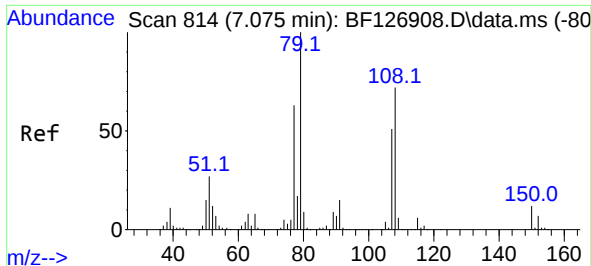


#14
1,2-Dichlorobenzene
Concen: 3.758 ng
RT: 7.092 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



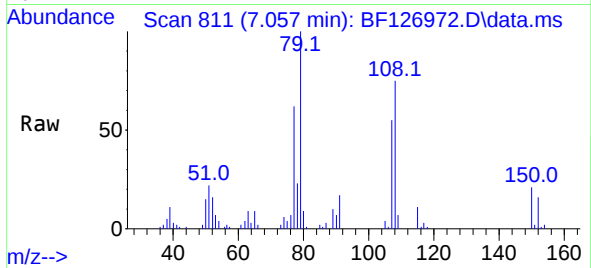
Tgt Ion:146 Resp: 26895
Ion Ratio Lower Upper
146 100
148 67.9 51.6 77.4
111 48.0 40.2 60.2





#15
Benzyl Alcohol
Concen: 4.746 ng m
RT: 7.057 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

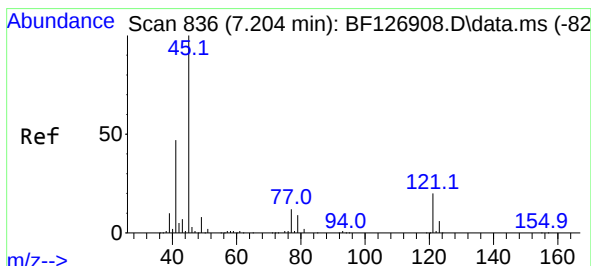
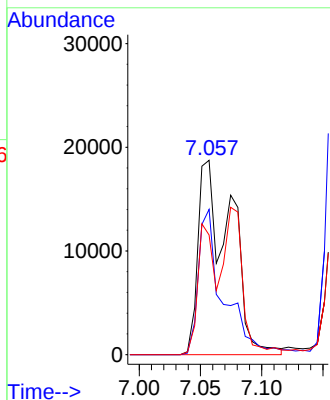
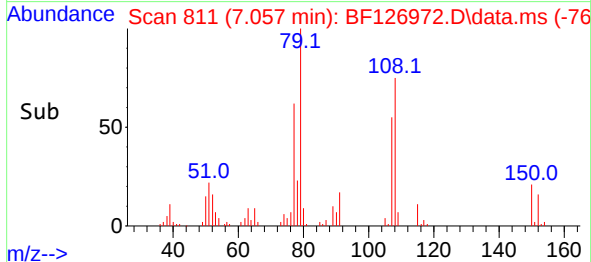
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



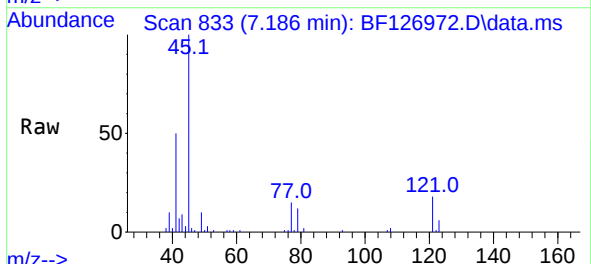
Tgt Ion: 79 Resp: 34512
Ion Ratio Lower Upper
79 100
108 74.7 63.2 94.8
77 61.5 49.4 74.2

Manual Integrations
APPROVED

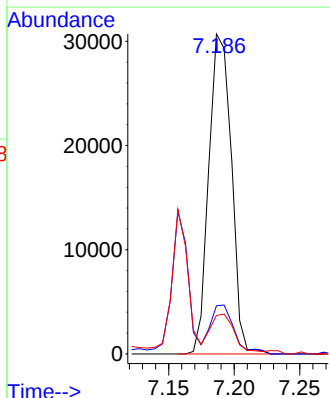
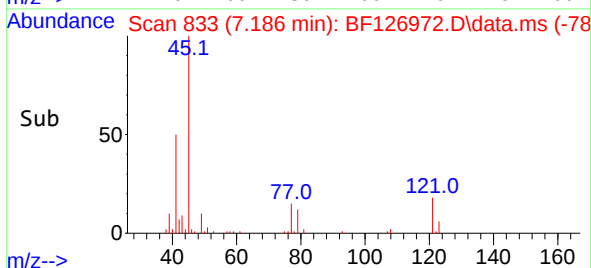
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

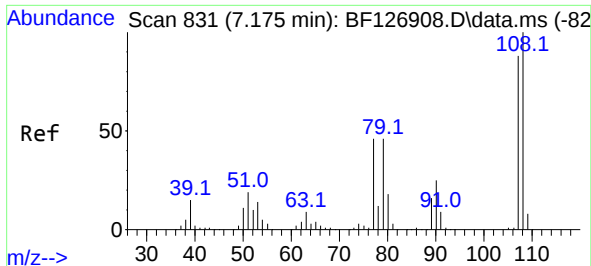


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.425 ng
RT: 7.186 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



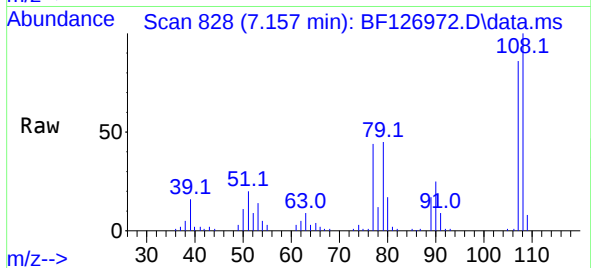
Tgt Ion: 45 Resp: 36894
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.4
79 12.0 0.0 29.8





#17
2-Methylphenol
Concen: 3.872 ng
RT: 7.157 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

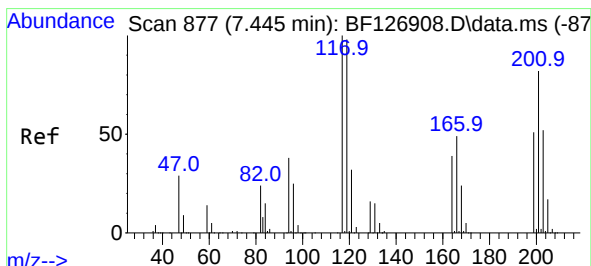
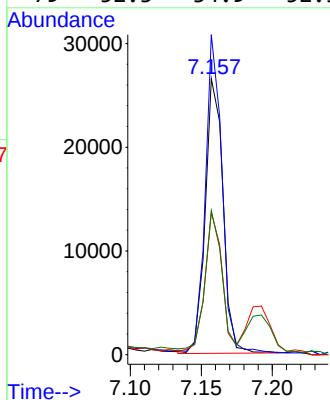
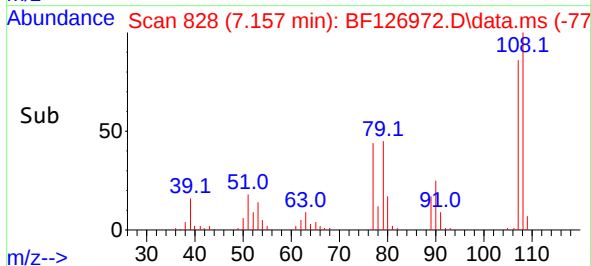
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



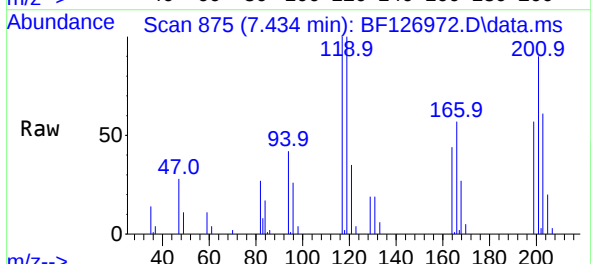
Tgt Ion:	107	Resp:	2299
Ion	Ratio	Lower	Upper
107	100		
108	116.0	93.4	140.0
77	51.5	36.1	54.1
79	52.3	34.9	52.3

Manual Integrations
APPROVED

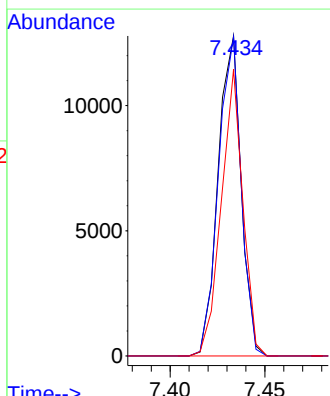
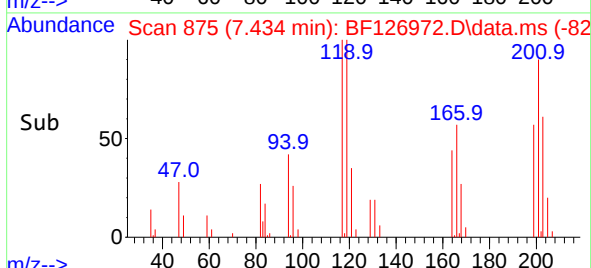
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

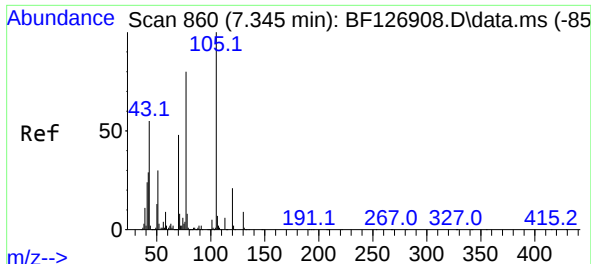


#18
Hexachloroethane
Concen: 3.760 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



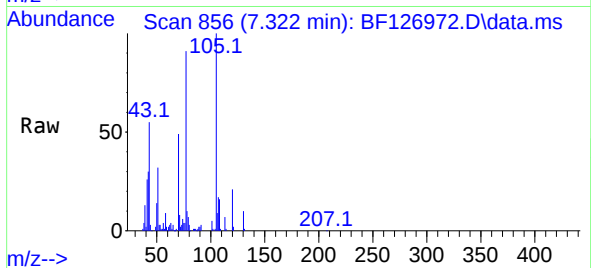
Tgt Ion:	117	Resp:	10816
Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.4	113.0
201	89.6	56.8	85.2





#19
n-Nitroso-di-n-propylamine
Concen: 3.780 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

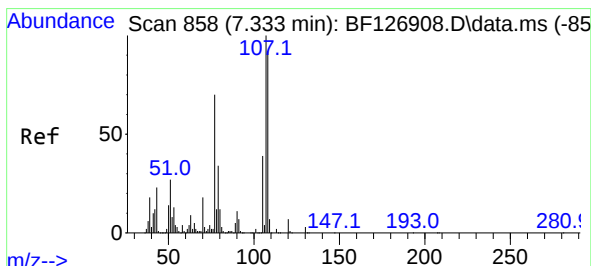
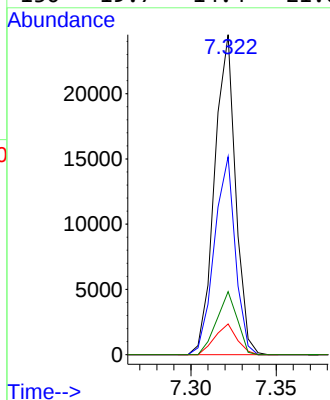
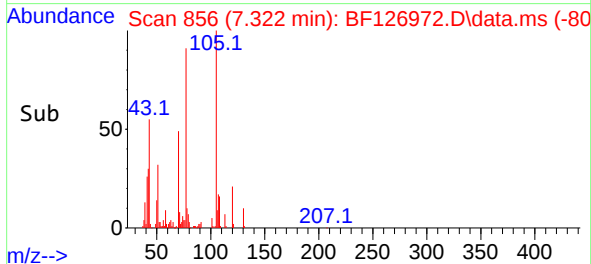
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



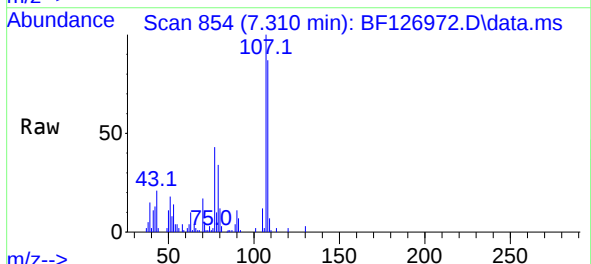
Tgt Ion: 70 Resp: 2102
Ion Ratio Lower Upper
70 100
42 61.8 45.8 68.8
101 9.6 6.9 10.3
130 19.7 14.4 21.6

Manual Integrations
APPROVED

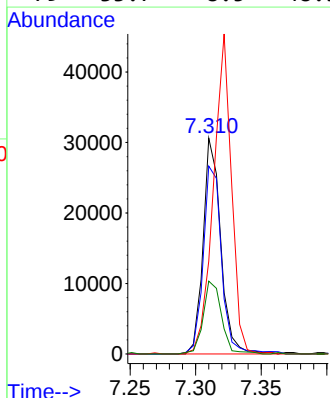
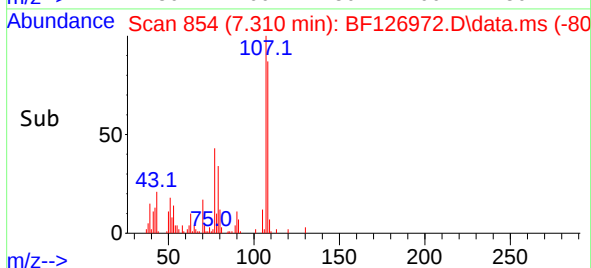
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

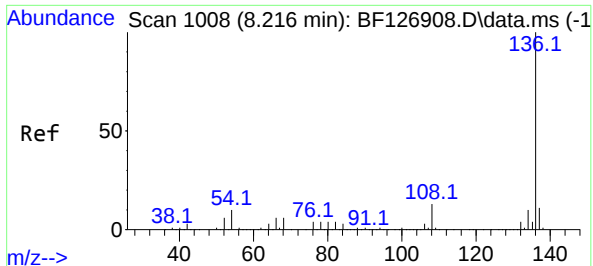


#20
3+4-Methylphenols
Concen: 3.724 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



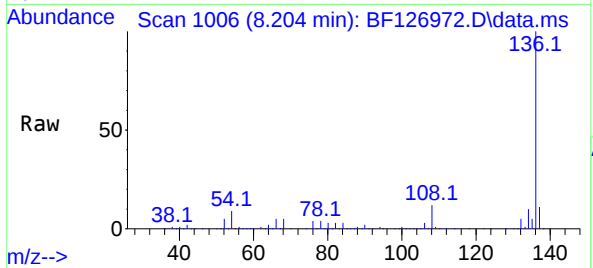
Tgt Ion: 107 Resp: 28717
Ion Ratio Lower Upper
107 100
108 87.0 72.4 112.4
77 43.0 83.8 123.8#
79 33.7 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

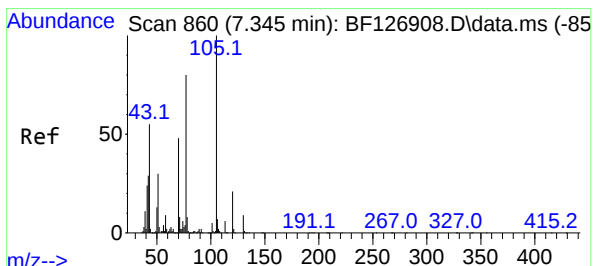
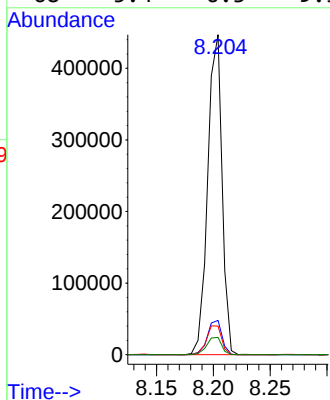
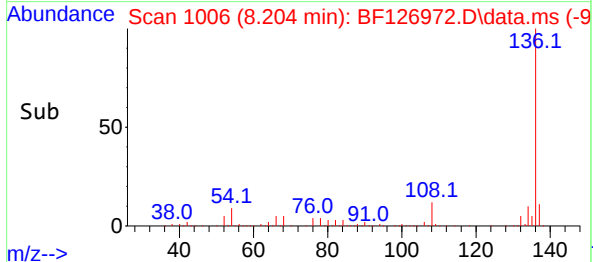
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:136 Resp: 391609
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 7.8 11.6
68 5.4 6.3 9.5#

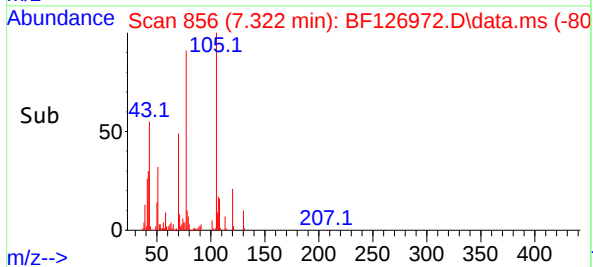
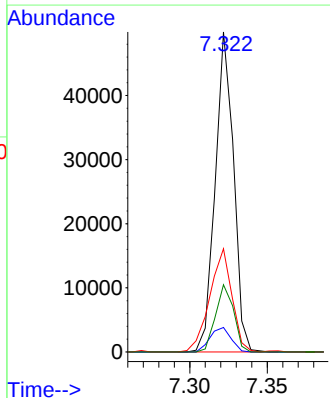
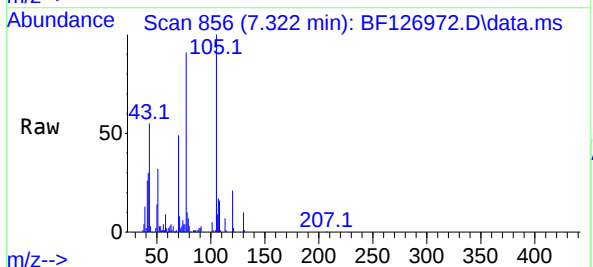
Manual Integrations
APPROVED

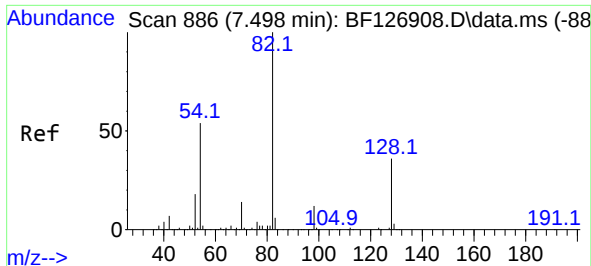
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#22
Acetophenone
Concen: 3.984 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

Tgt Ion:105 Resp: 41073
Ion Ratio Lower Upper
105 100
71 7.6 5.4 8.0
51 32.3 27.4 41.0
120 21.0 17.0 25.6





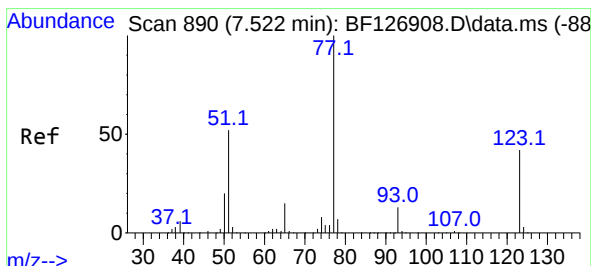
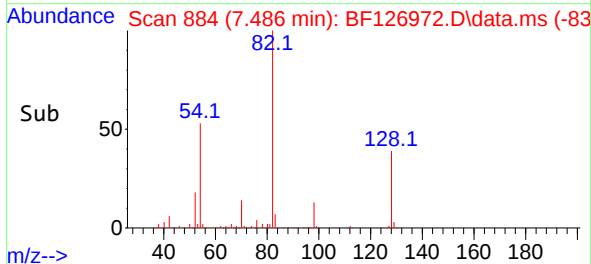
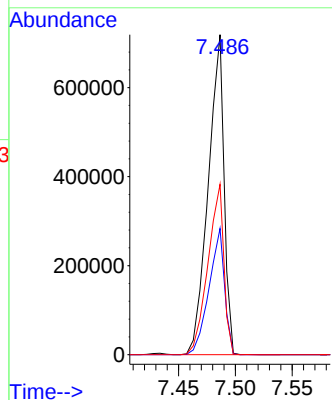
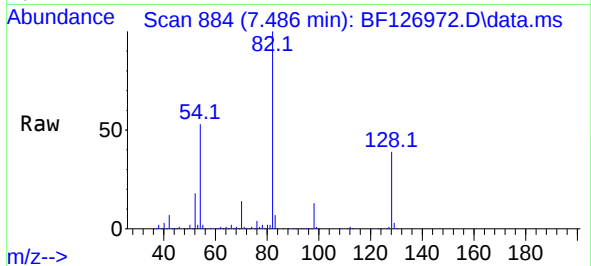
#23
Nitrobenzene-d5
Concen: 80.178 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion: 82 Resp: 695614
Ion Ratio Lower Upper
82 100
128 39.5 32.7 49.1
54 53.2 41.7 62.5

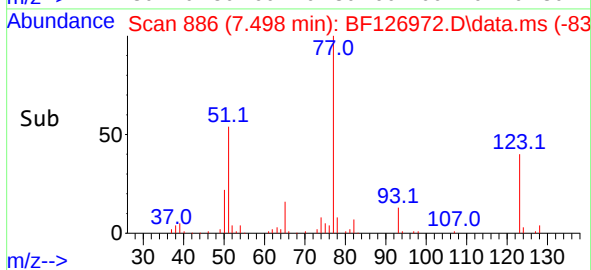
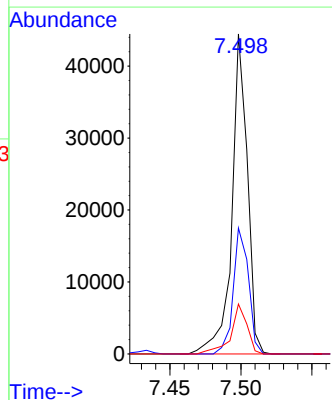
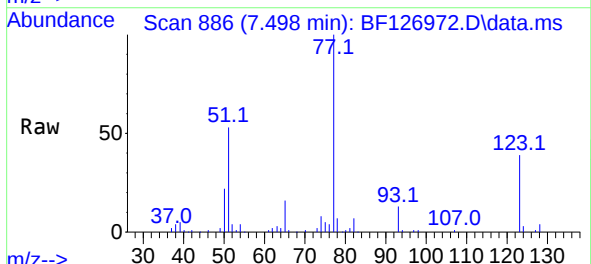
Manual Integrations
APPROVED

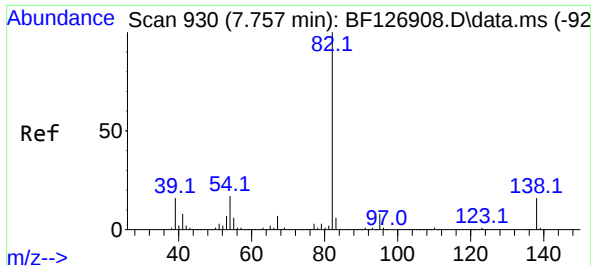
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#24
Nitrobenzene
Concen: 4.103 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

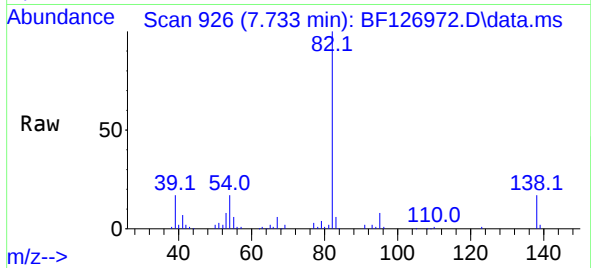
Tgt Ion: 77 Resp: 33624
Ion Ratio Lower Upper
77 100
123 39.3 34.6 52.0
65 15.6 10.6 15.8





#25
Isophorone
Concen: 3.885 ng
RT: 7.733 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

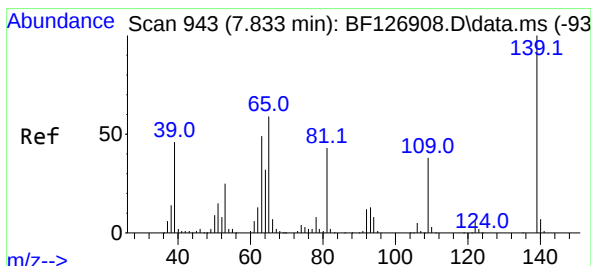
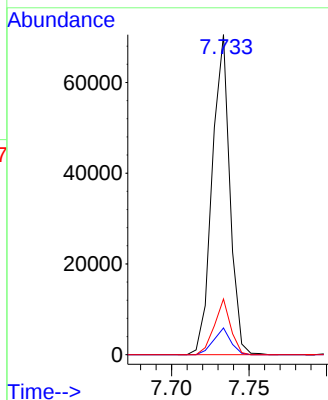
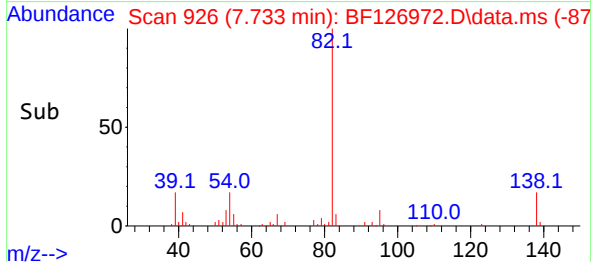
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



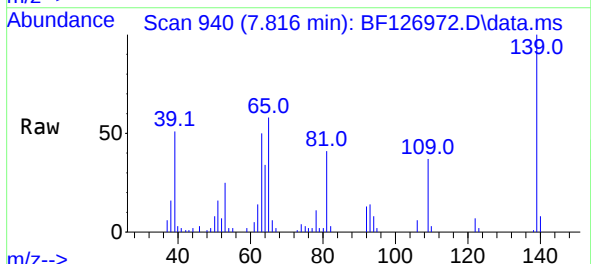
Tgt Ion: 82 Resp: 5578
Ion Ratio Lower Upper
82 100
95 8.3 5.0 7.4
138 17.4 12.3 18.5

Manual Integrations
APPROVED

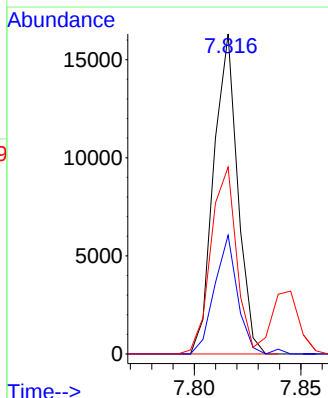
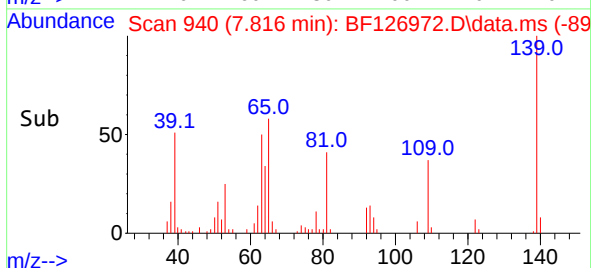
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

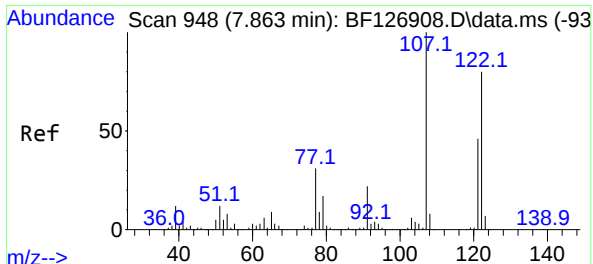


#26
2-Nitrophenol
Concen: 3.658 ng
RT: 7.816 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



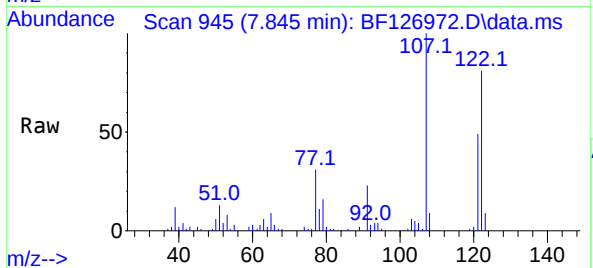
Tgt Ion:139 Resp: 12763
Ion Ratio Lower Upper
139 100
109 37.1 20.0 30.0
65 58.4 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 4.285 ng
RT: 7.845 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

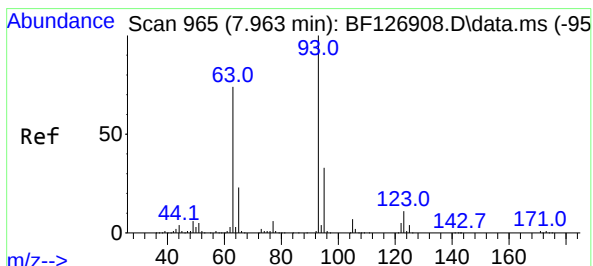
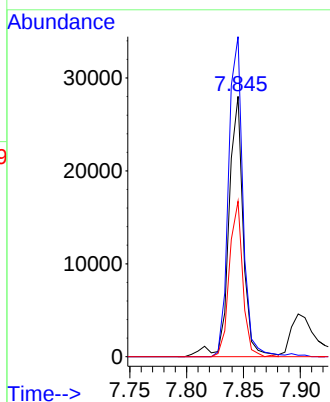
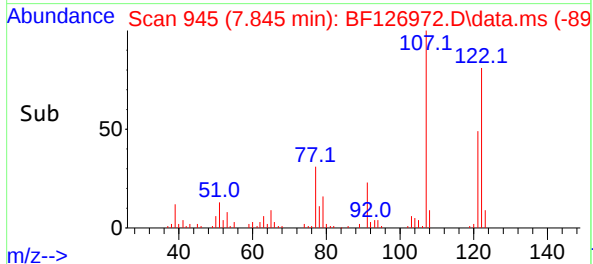
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



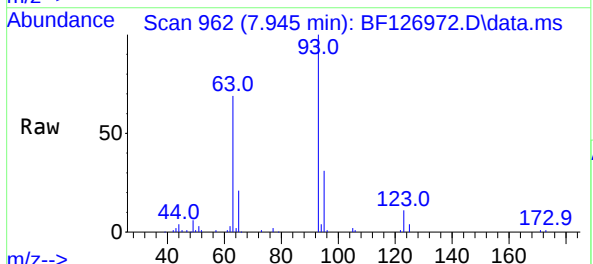
Tgt Ion:122 Resp: 24562
Ion Ratio Lower Upper
122 100
107 122.9 91.2 136.8
121 59.7 44.4 66.6

Manual Integrations
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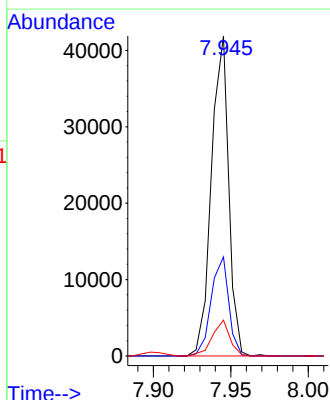
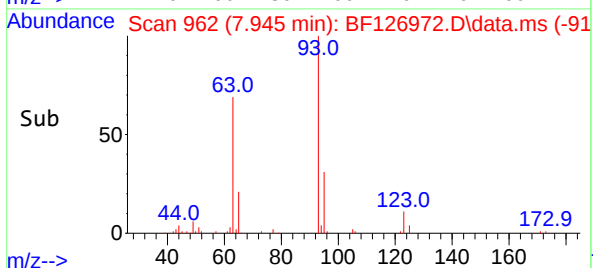
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

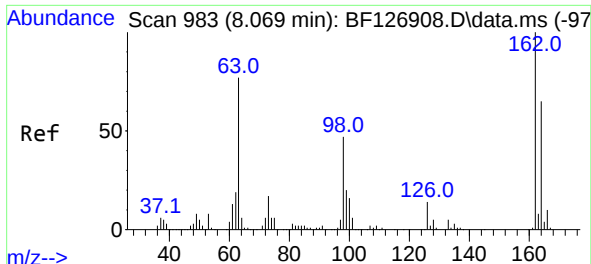


#28
bis(2-Chloroethoxy)methane
Concen: 3.729 ng
RT: 7.945 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



Tgt Ion: 93 Resp: 32451
Ion Ratio Lower Upper
93 100
95 30.9 25.4 38.2
123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 3.660 ng

RT: 8.051 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

Instrument :

BNA_F

ClientSampleId :

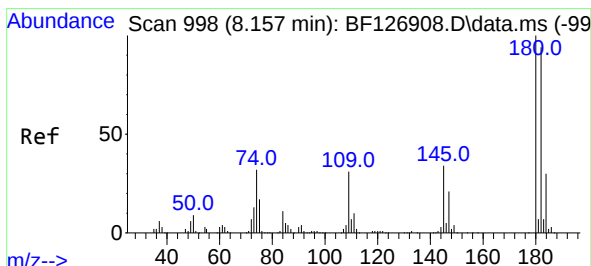
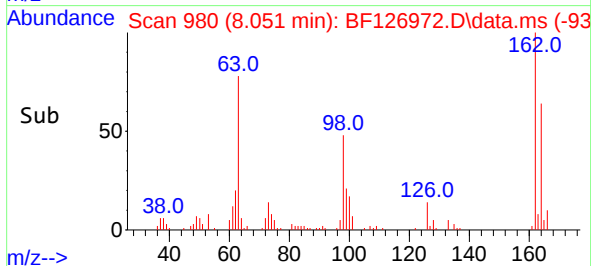
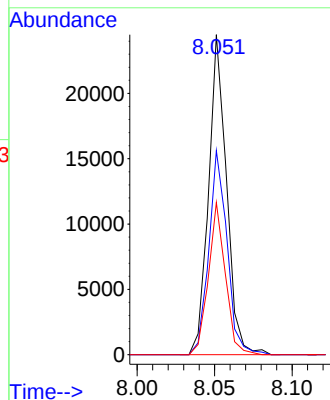
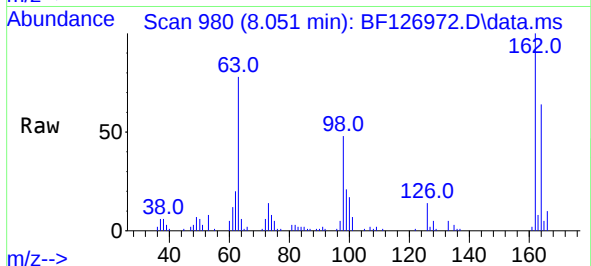
MDL-WATER-03-QT4-2021

Tgt Ion:162	Resp:	1972
Ion Ratio	Lower	Upper
162	100	
164	63.7	43.8 83.8
98	47.5	23.6 63.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 3.806 ng

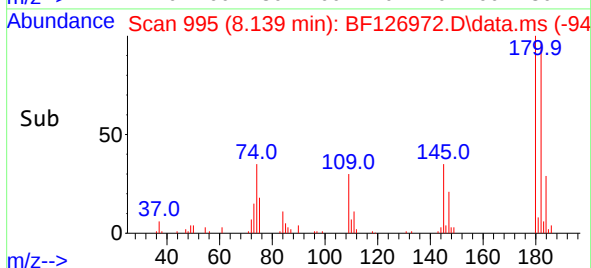
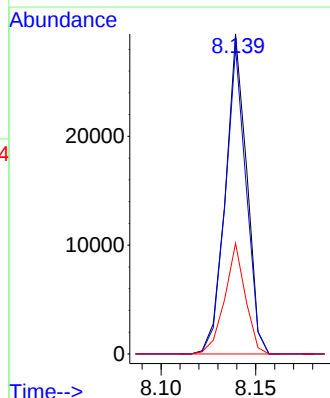
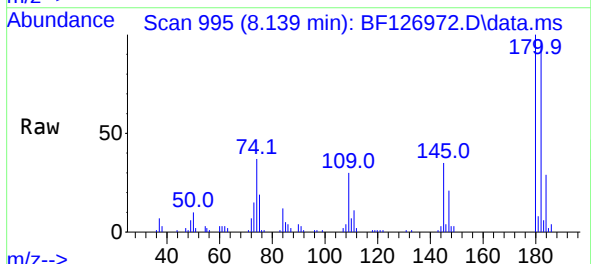
RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

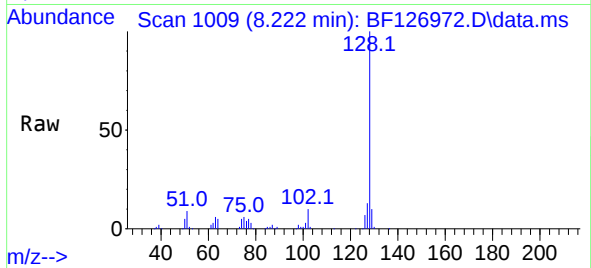
Tgt Ion:180	Resp:	22934
Ion Ratio	Lower	Upper
180	100	
182	95.9	75.5 113.3
145	34.6	26.2 39.2





#31
Naphthalene
Concen: 3.934 ng
RT: 8.222 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

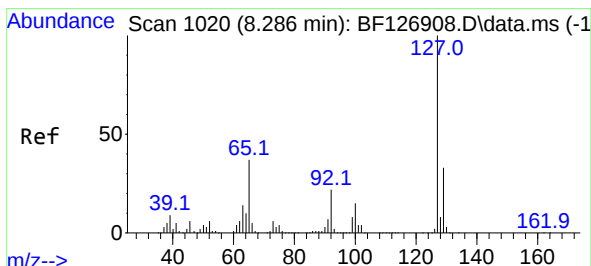
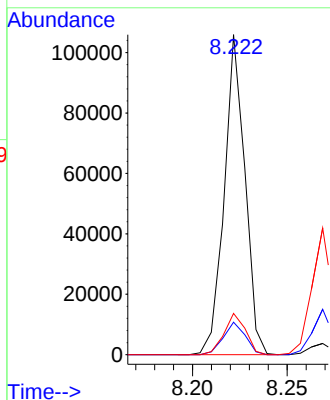
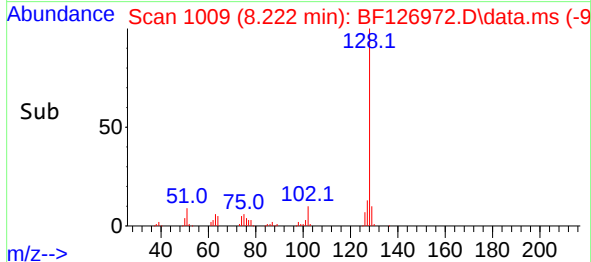
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:128 Resp: 80418
Ion Ratio Lower Upper
128 100
129 10.1 8.6 13.0
127 12.9 10.3 15.5

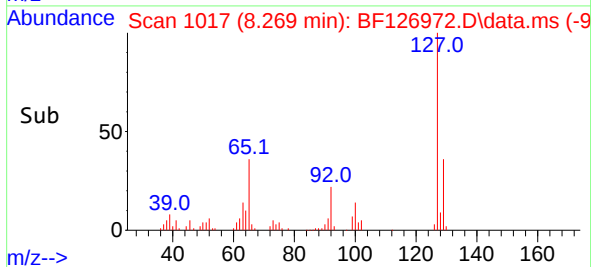
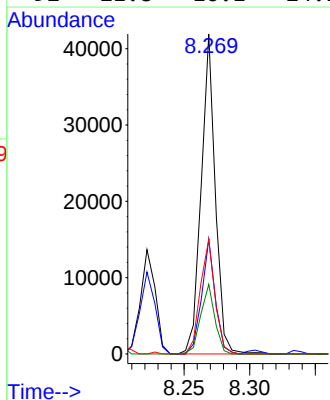
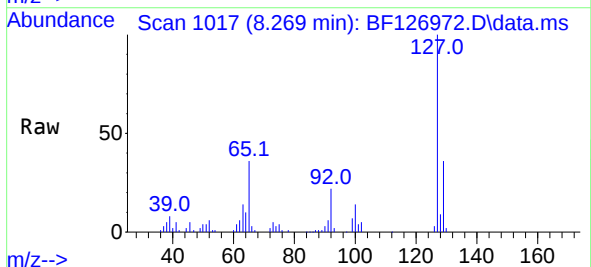
Manual Integrations
APPROVED

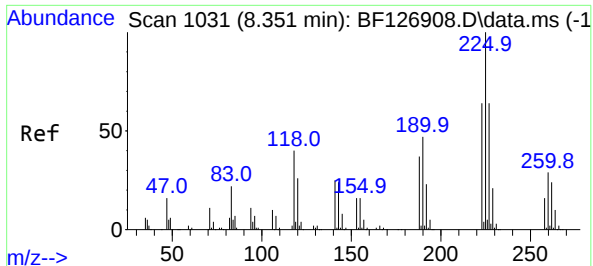
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#33
4-Chloroaniline
Concen: 3.923 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

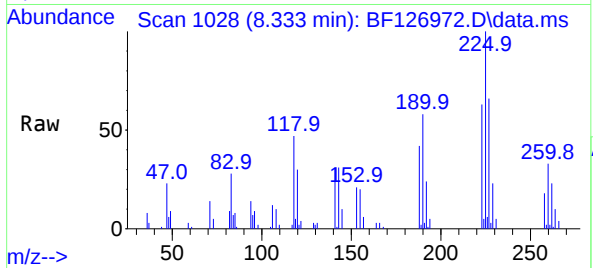
Tgt Ion:127 Resp: 31569
Ion Ratio Lower Upper
127 100
129 35.8 26.5 39.7
65 35.9 26.6 39.8
92 21.8 16.1 24.1





#34
Hexachlorobutadiene
Concen: 3.669 ng
RT: 8.333 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

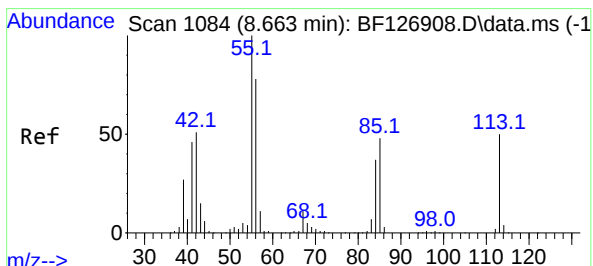
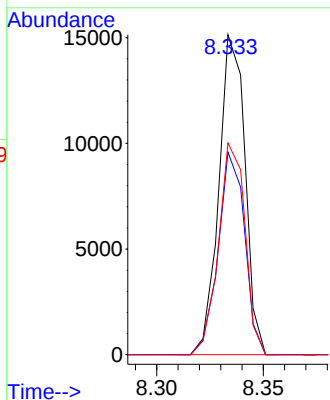
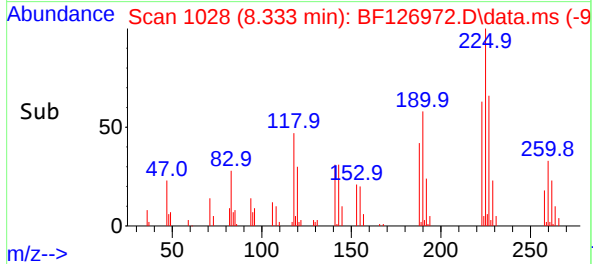
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



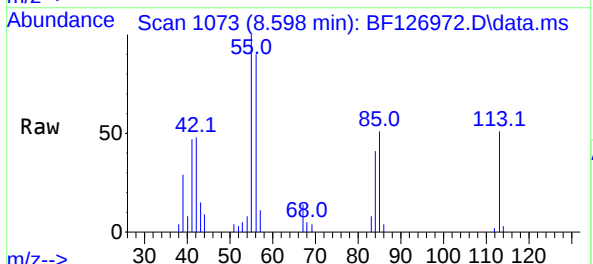
Tgt Ion:225 Resp: 12900
Ion Ratio Lower Upper
225 100
223 63.3 48.6 73.0
227 66.2 51.4 77.0

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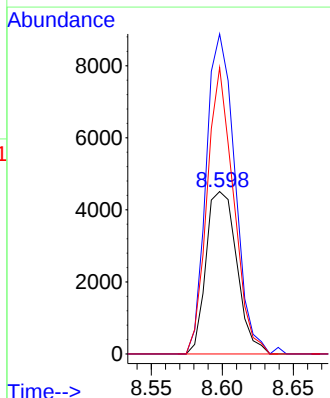
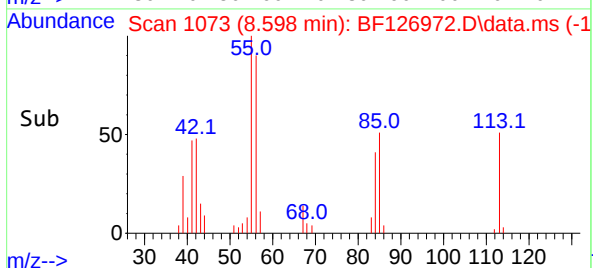
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

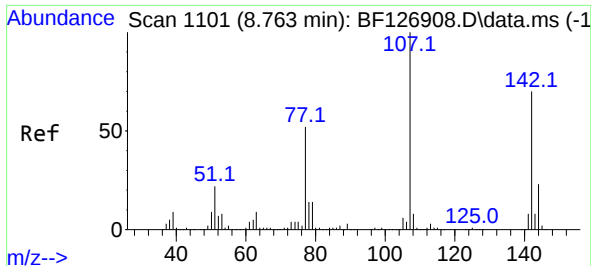


#35
Caprolactam
Concen: 3.608 ng
RT: 8.598 min Scan# 1073
Delta R.T. -0.053 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



Tgt Ion:113 Resp: 6790
Ion Ratio Lower Upper
113 100
55 197.1 183.9 223.9
56 176.4 129.9 169.9#





#36

4-Chloro-3-methylphenol

Concen: 3.732 ng

RT: 8.739 min Scan# 1101

Delta R.T. -0.012 min

Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

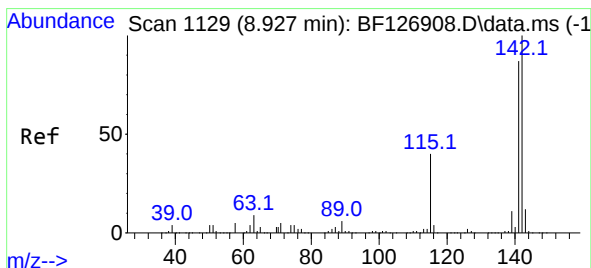
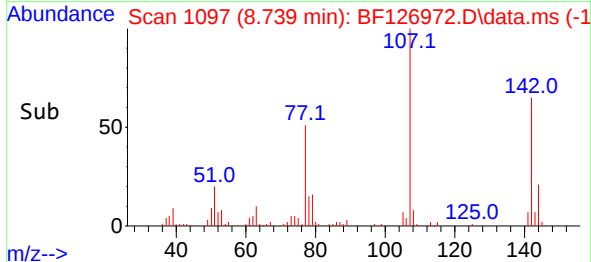
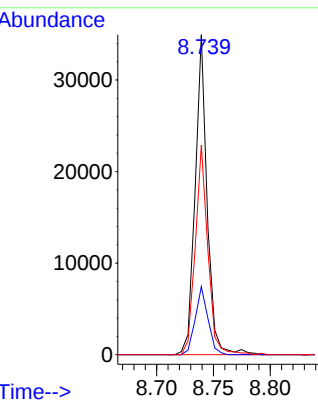
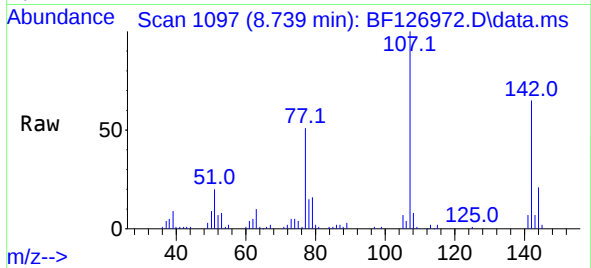
Tgt Ion:107	Resp:	2570
Ion Ratio	Lower	Upper
107	100	
144	21.2	18.5 27.7
142	65.4	58.1 87.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/22/2022

Supervised By :Jagrut Upadhyay 02/22/2022



#37

2-Methylnaphthalene

Concen: 3.825 ng

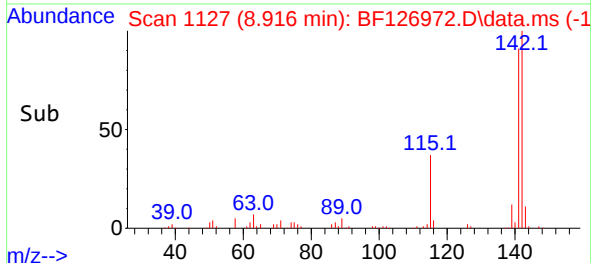
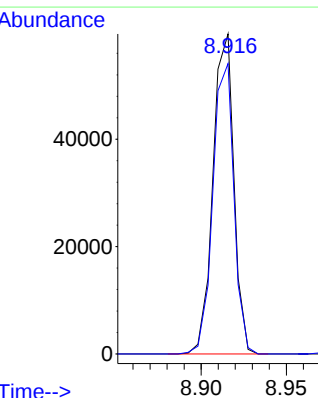
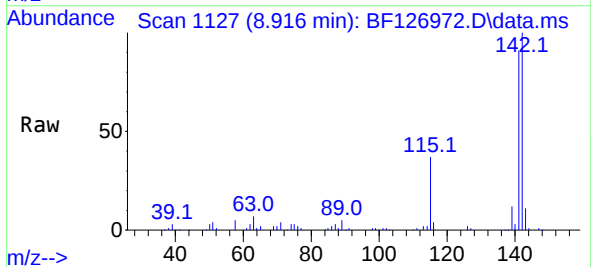
RT: 8.916 min Scan# 1127

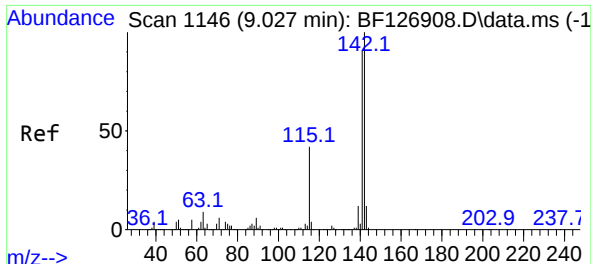
Delta R.T. -0.000 min

Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

Tgt Ion:142	Resp:	50734
Ion Ratio	Lower	Upper
142	100	
141	90.8	68.6 102.8





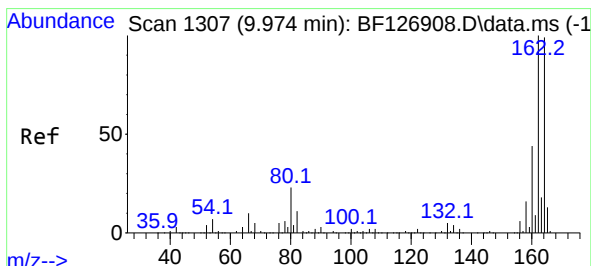
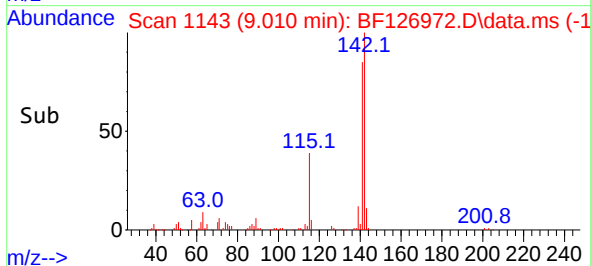
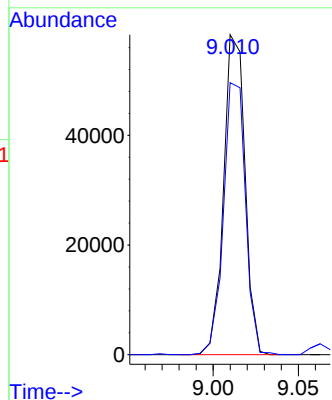
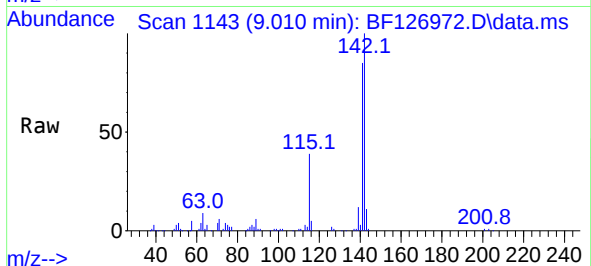
#38
1-Methylnaphthalene
Concen: 4.018 ng
RT: 9.010 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion:142 Resp: 5104
Ion Ratio Lower Upper
142 100
141 85.0 72.1 108.1

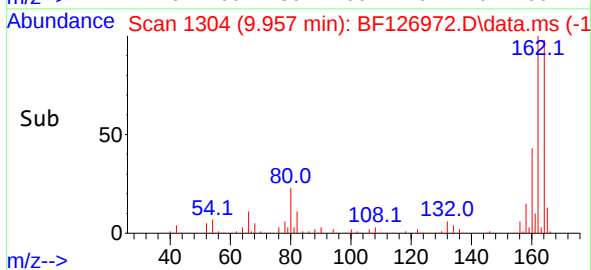
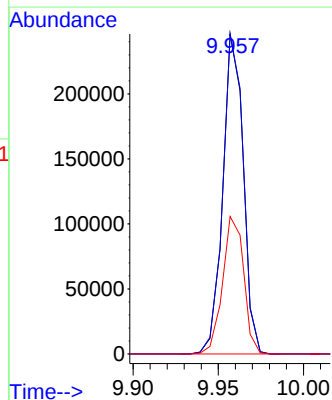
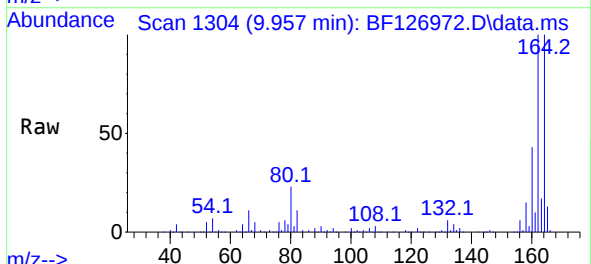
Manual Integrations
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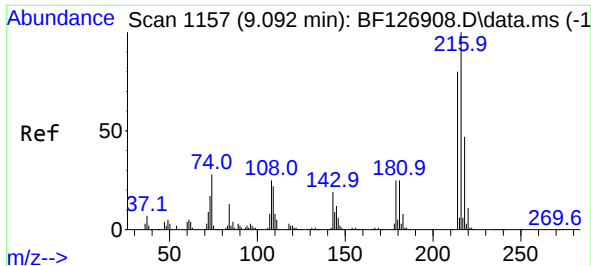
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

Tgt Ion:164 Resp: 204351
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.0 36.6 54.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.925 ng

RT: 9.075 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

Instrument :

BNA_F

ClientSampleId :

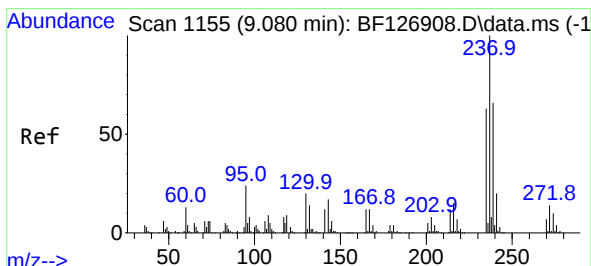
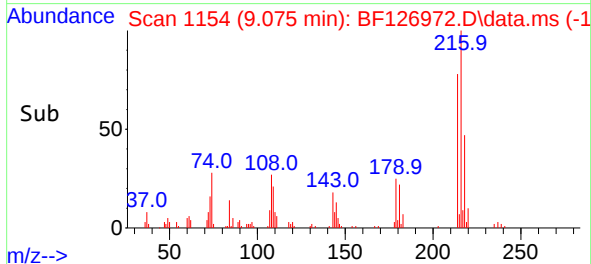
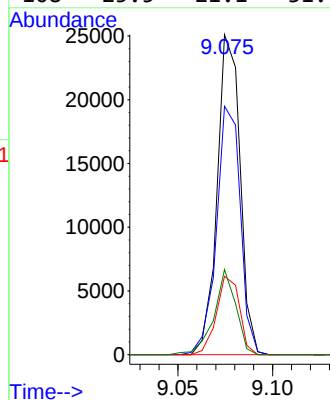
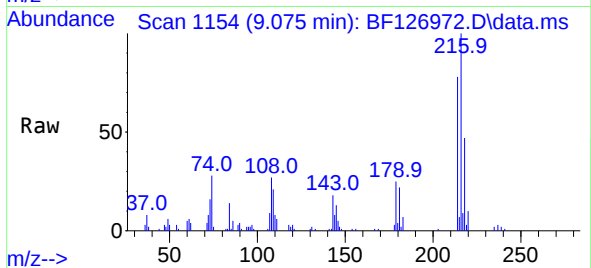
MDL-WATER-03-QT4-2021

Tgt Ion:	216	Resp:	21110
Ion Ratio	Lower	Upper	
216	100		
214	81.0	64.6	96.8
179	24.7	19.5	29.3
108	25.5	21.1	31.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#41

Hexachlorocyclopentadiene

Concen: 3.114 ng

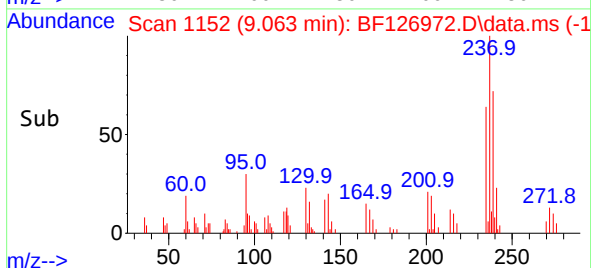
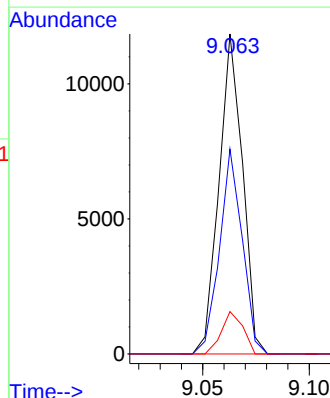
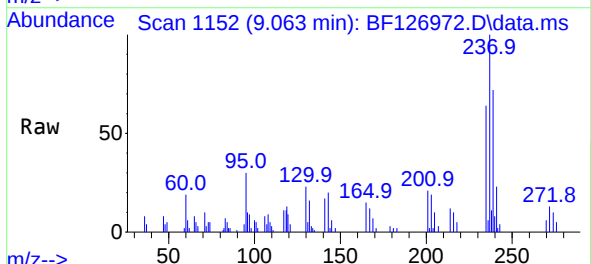
RT: 9.063 min Scan# 1152

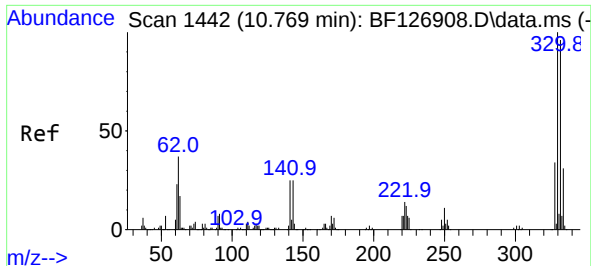
Delta R.T. -0.006 min

Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

Tgt Ion:	237	Resp:	9084
Ion Ratio	Lower	Upper	
237	100		
235	64.0	38.9	78.9
272	13.3	0.0	33.5





#42

2,4,6-Tribromophenol

Concen: 158.898 ng

RT: 10.751 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF126972.D

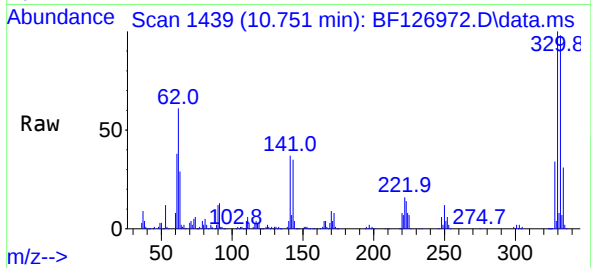
Acq: 21 Feb 2022 14:30

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion:330 Resp: 37385

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

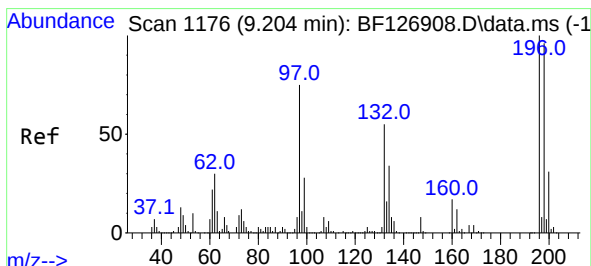
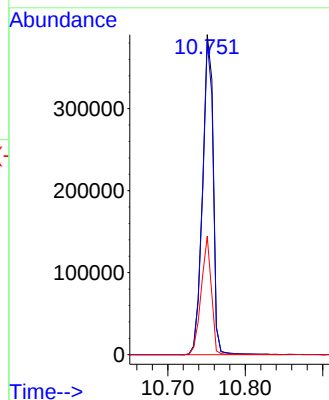
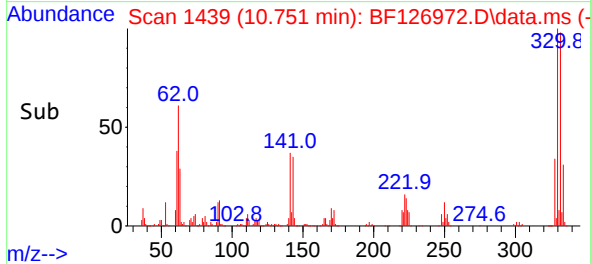
141 35.4 30.1 45.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/22/2022

Supervised By :Jagrut Upadhyay 02/22/2022



#43

2,4,6-Trichlorophenol

Concen: 3.603 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

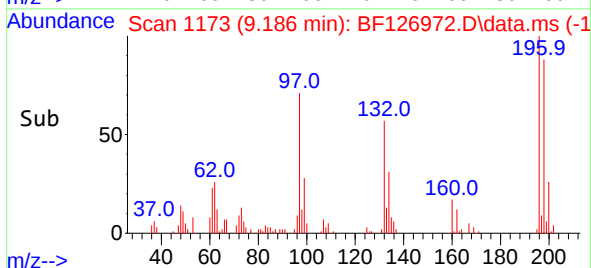
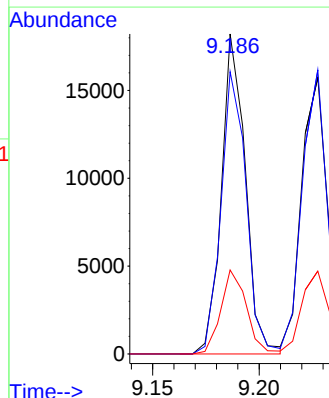
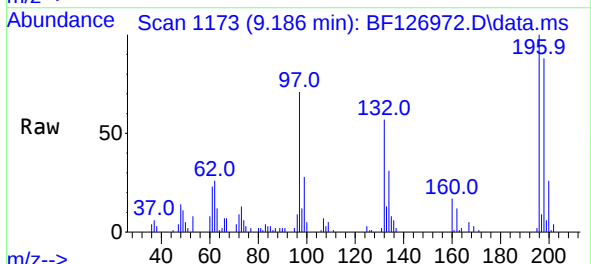
Tgt Ion:196 Resp: 14214

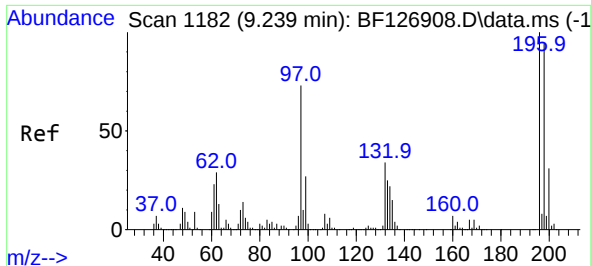
Ion Ratio Lower Upper

196 100

198 88.2 78.5 117.7

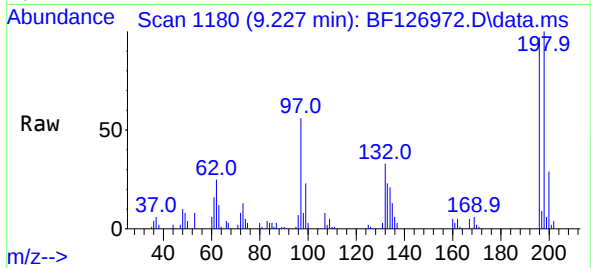
200 26.3 24.9 37.3





#44
2,4,5-Trichlorophenol
Concen: 3.421 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

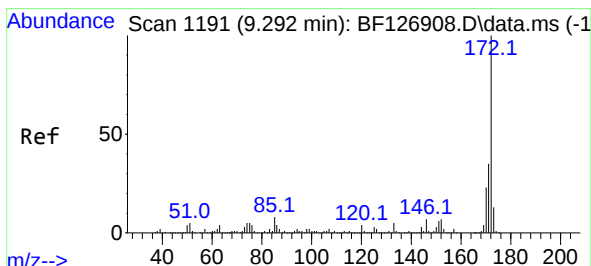
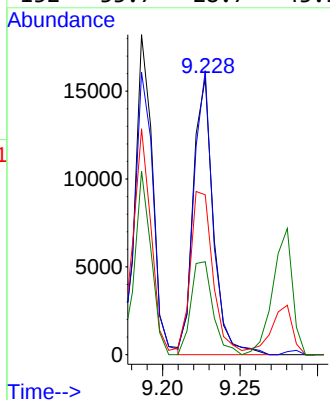
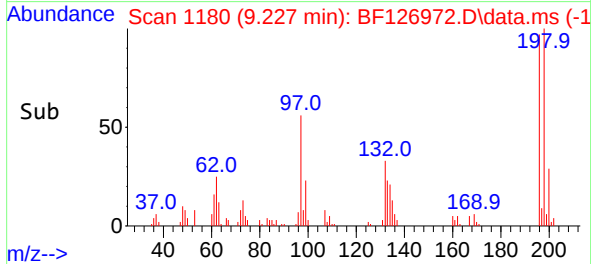
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



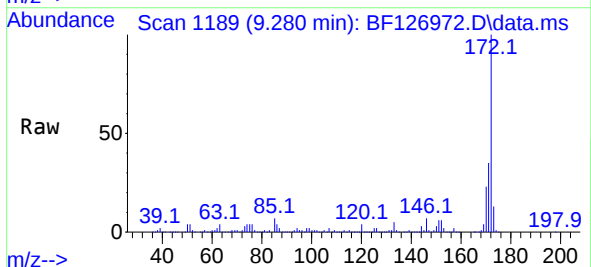
Tgt Ion:196 Resp: 1420
Ion Ratio Lower Upper
196 100
198 102.7 82.0 123.0
97 57.8 53.5 80.3
132 33.7 28.7 43.1

Manual Integrations
APPROVED

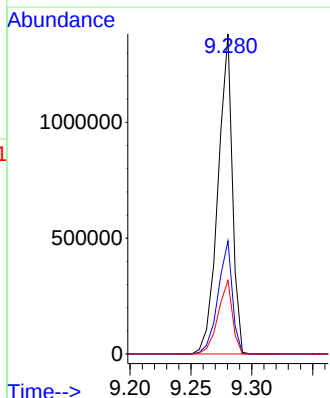
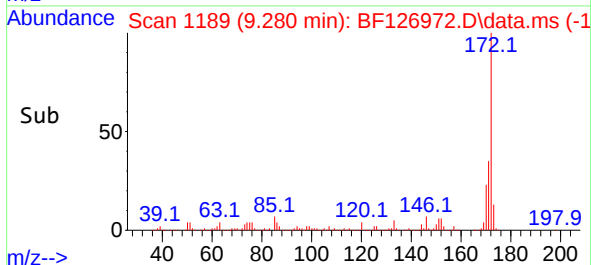
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

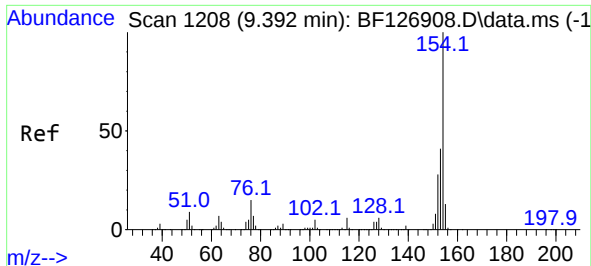


#45
2-Fluorobiphenyl
Concen: 81.949 ng
RT: 9.280 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



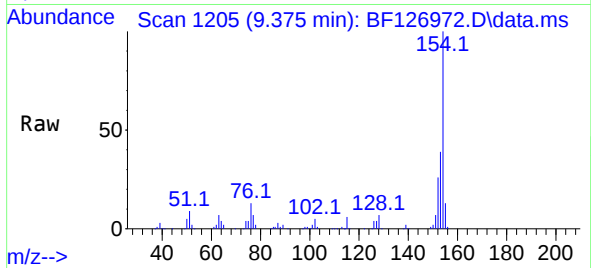
Tgt Ion:172 Resp: 1137537
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.0 19.0 28.6





#46
1,1'-Biphenyl
Concen: 4.066 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

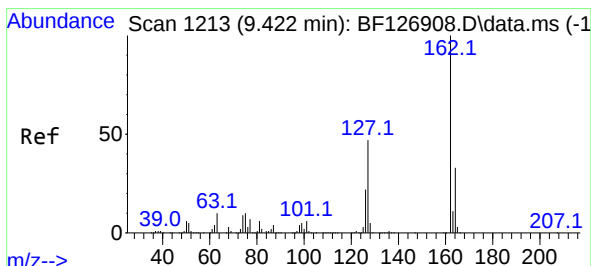
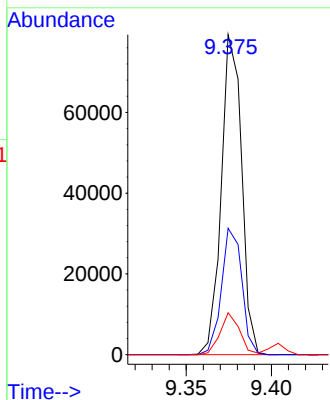
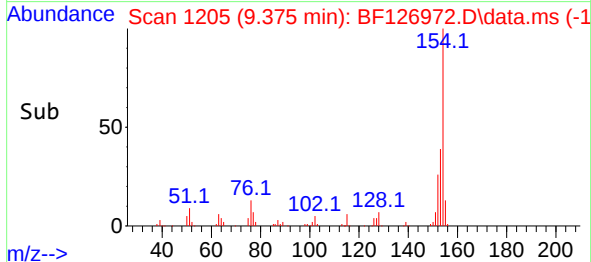
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



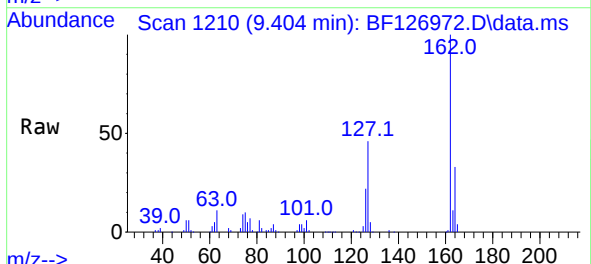
Tgt Ion:154 Resp: 6583
Ion Ratio Lower Upper
154 100
153 39.5 19.0 59.0
76 13.1 0.0 34.5

Manual Integrations
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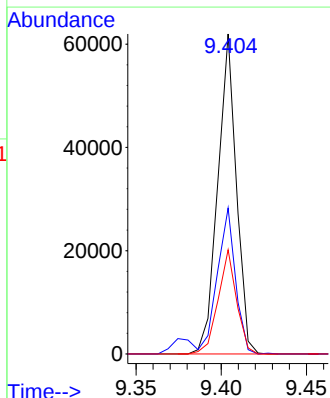
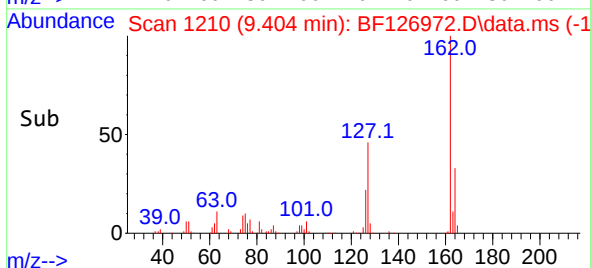
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

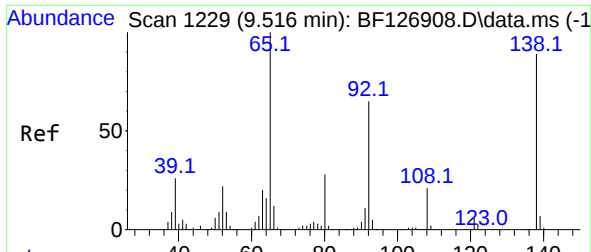


#47
2-Chloronaphthalene
Concen: 3.923 ng
RT: 9.404 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



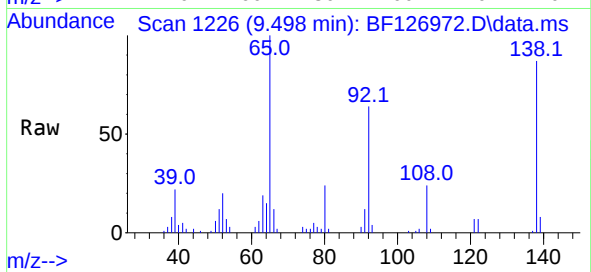
Tgt Ion:162 Resp: 47104
Ion Ratio Lower Upper
162 100
127 45.6 33.5 50.3
164 32.6 26.2 39.4





#48
2-Nitroaniline
Concen: 3.603 ng
RT: 9.498 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

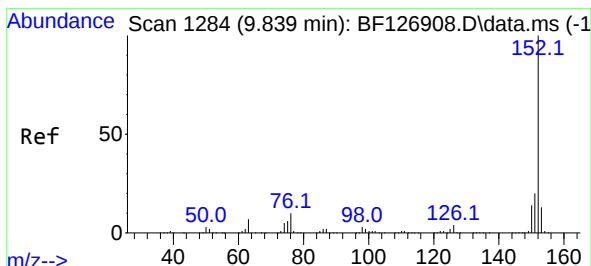
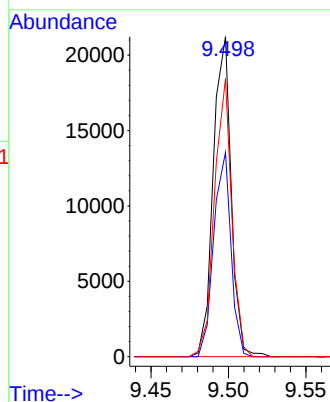
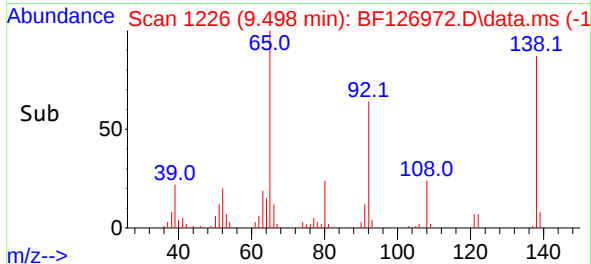
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



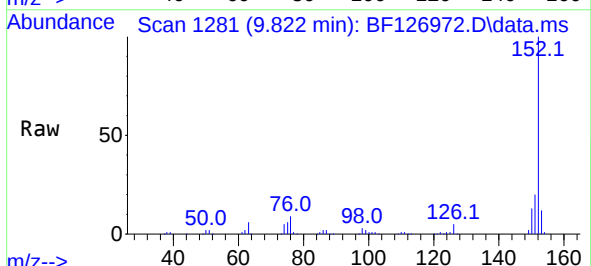
Tgt Ion: 65 Resp: 17068
Ion Ratio Lower Upper
65 100
92 63.8 54.4 81.6
138 86.9 72.5 108.7

Manual Integrations
APPROVED

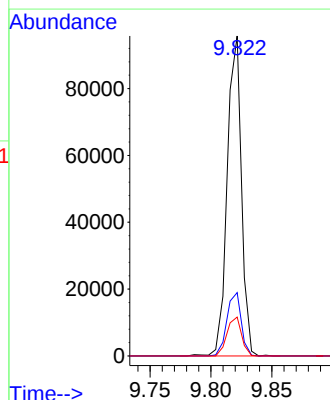
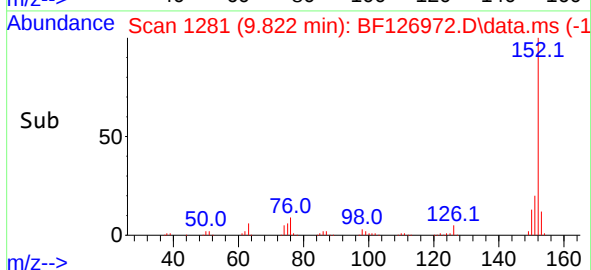
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

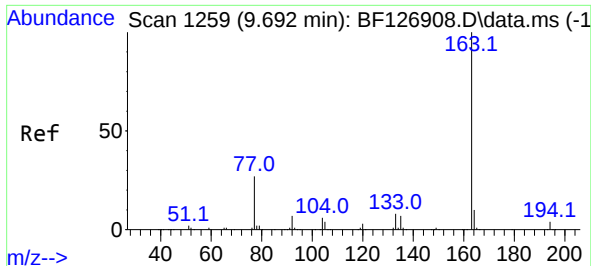


#49
Acenaphthylene
Concen: 4.004 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



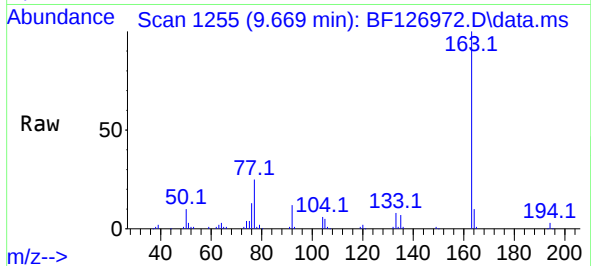
Tgt Ion:152 Resp: 78095
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.1 11.4 17.0





#50
Dimethylphthalate
Concen: 3.722 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

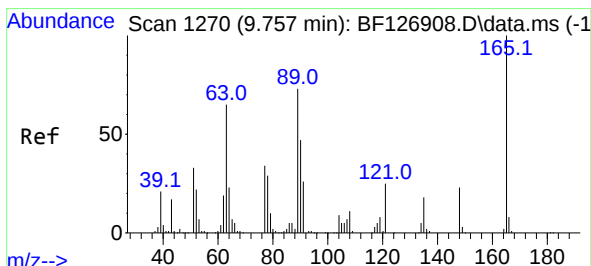
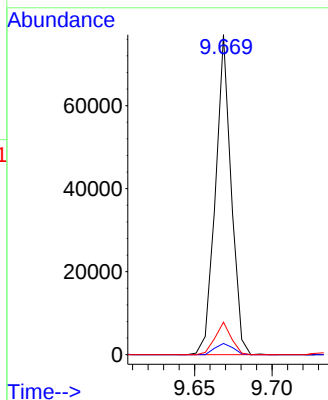
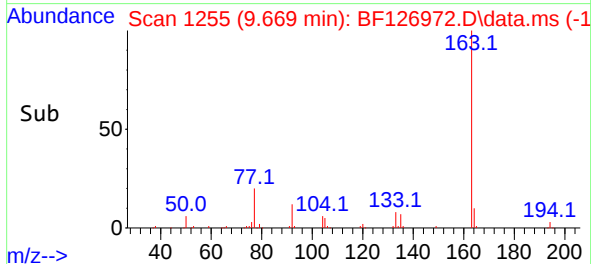
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



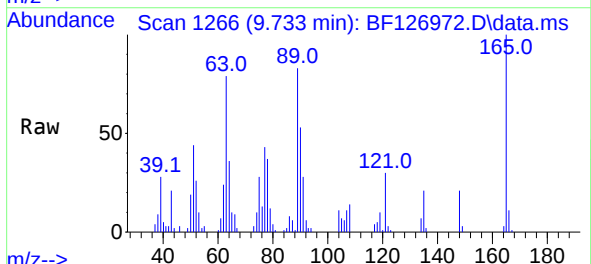
Tgt Ion:163 Resp: 5436
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.1 7.8 11.8

Manual Integrations
APPROVED

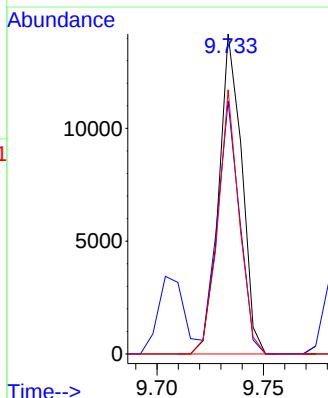
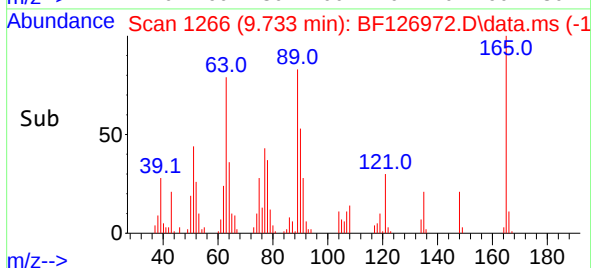
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

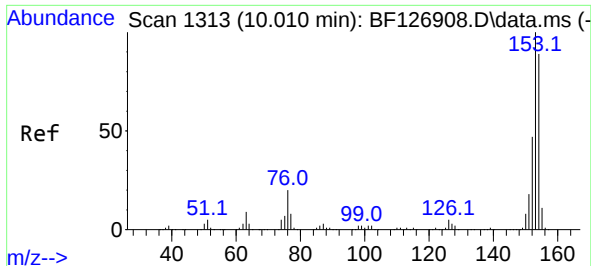


#51
2,6-Dinitrotoluene
Concen: 3.578 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



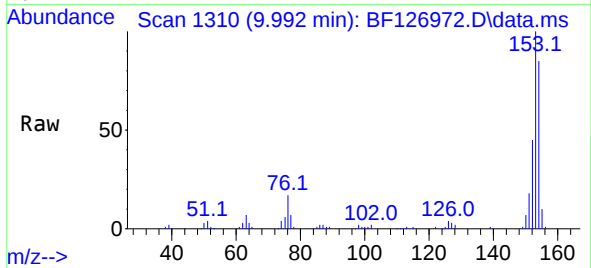
Tgt Ion:165 Resp: 10634
Ion Ratio Lower Upper
165 100
63 79.0 48.4 72.6#
89 82.5 50.5 75.7#





#52
Acenaphthene
Concen: 3.778 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

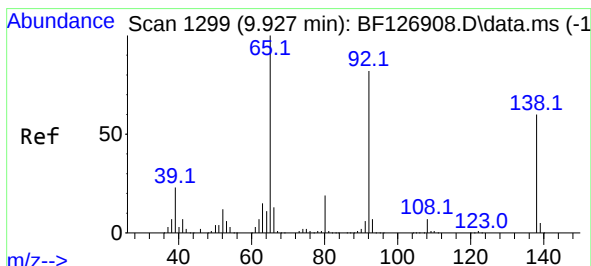
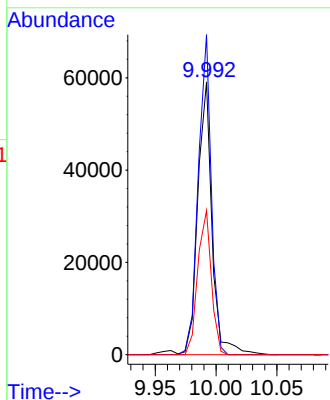
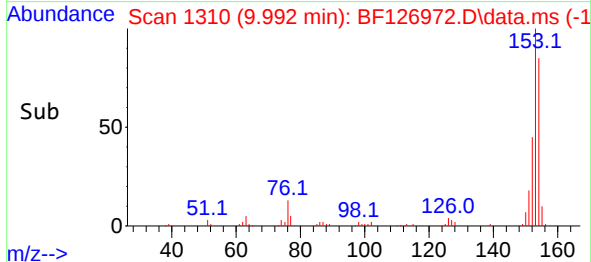
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



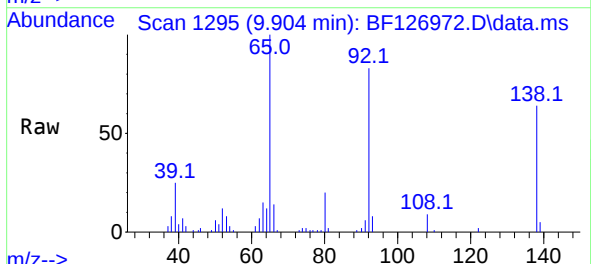
Tgt Ion:154 Resp: 47915
Ion Ratio Lower Upper
154 100
153 117.3 87.8 131.6
152 52.8 39.4 59.2

Manual Integrations
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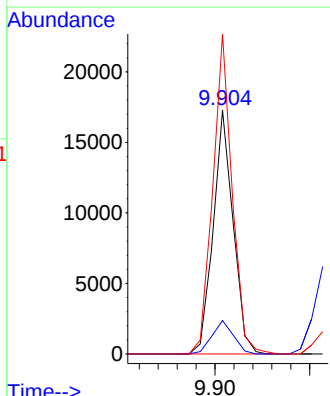
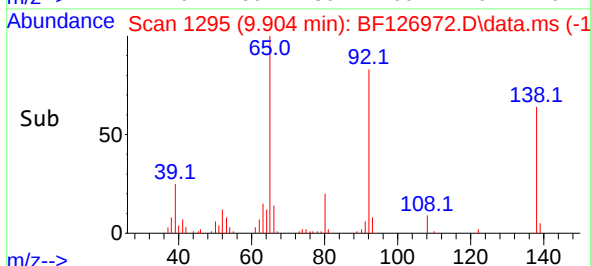
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

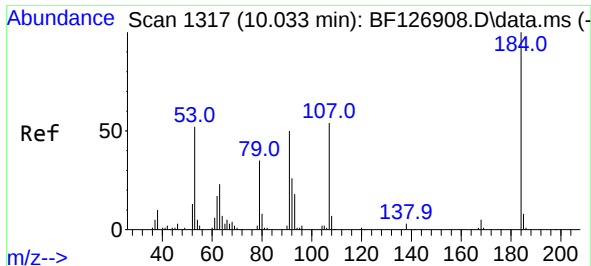


#53
3-Nitroaniline
Concen: 3.476 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



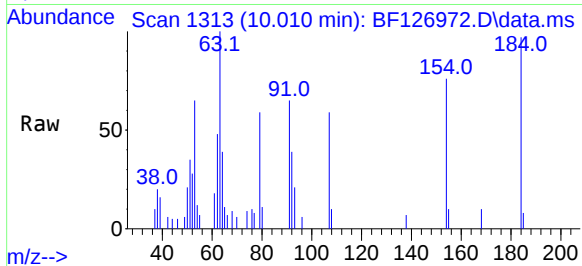
Tgt Ion:138 Resp: 12626
Ion Ratio Lower Upper
138 100
108 13.7 8.6 13.0#
92 131.1 105.0 157.6





#54
2,4-Dinitrophenol
Concen: 2.237 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

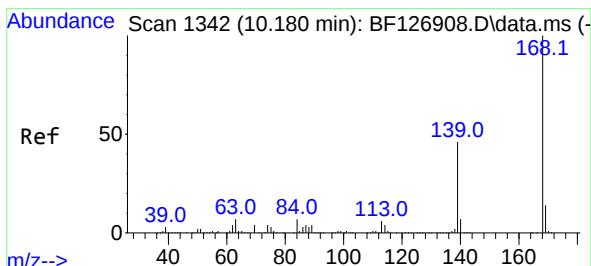
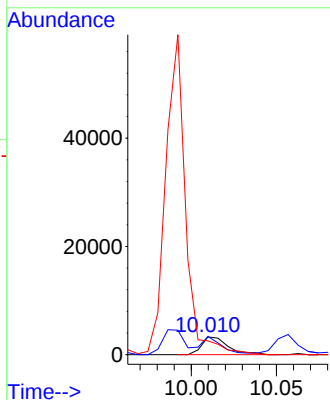
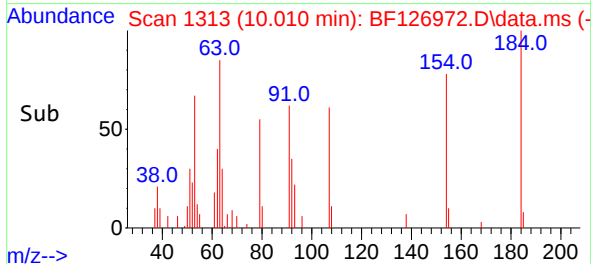
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



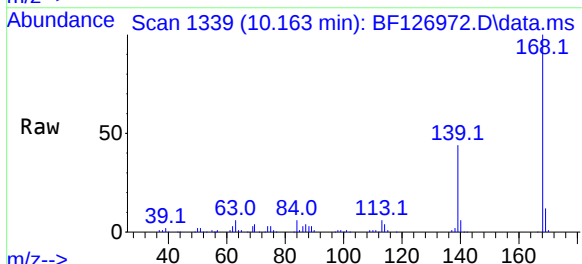
Tgt Ion:184 Resp: 3518
Ion Ratio Lower Upper
184 100
63 103.5 70.4 105.6
154 78.3 49.7 74.5

Manual Integrations
APPROVED

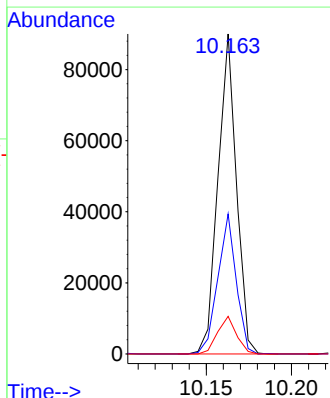
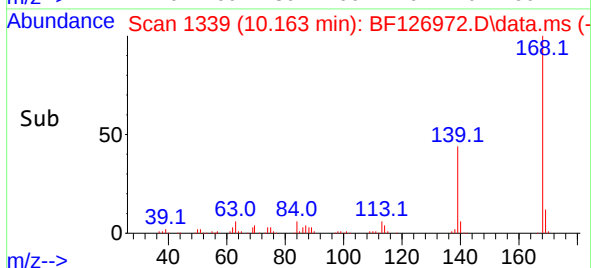
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

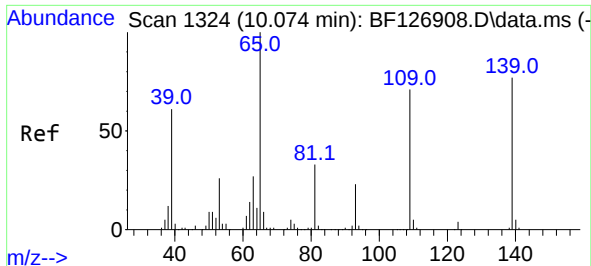


#55
Dibenzofuran
Concen: 3.890 ng
RT: 10.163 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



Tgt Ion:168 Resp: 67838
Ion Ratio Lower Upper
168 100
139 43.7 30.6 46.0
169 11.7 10.0 15.0





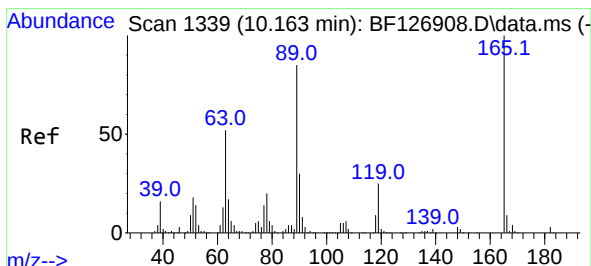
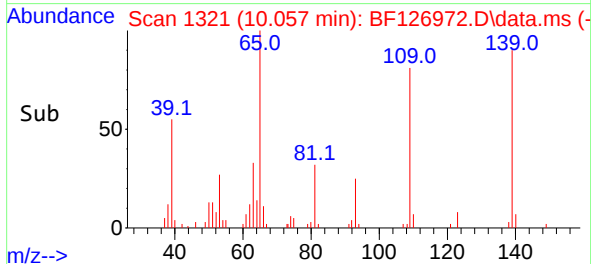
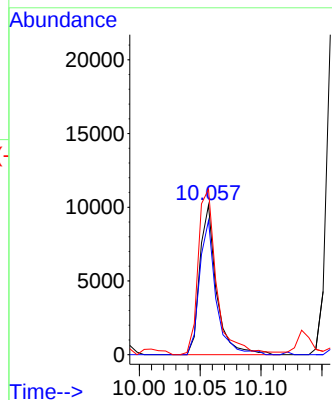
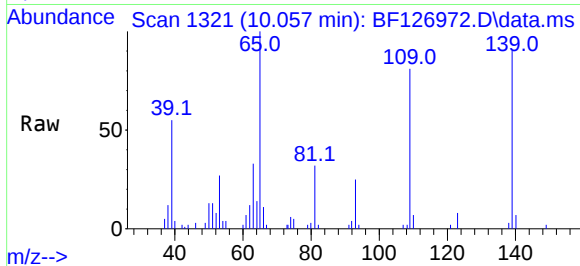
#56
4-Nitrophenol
Concen: 3.611 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:139 Resp: 9689
Ion Ratio Lower Upper
139 100
109 89.7 44.1 84.1
65 110.6 85.5 125.5

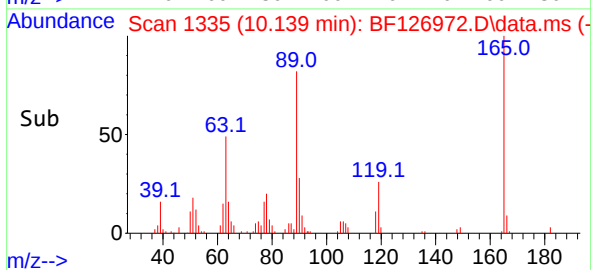
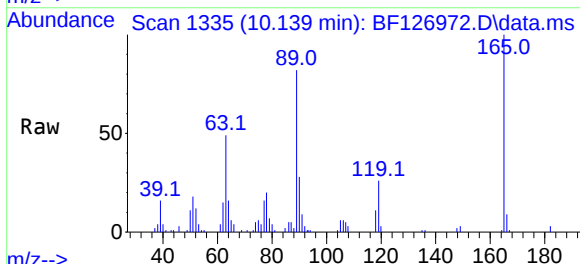
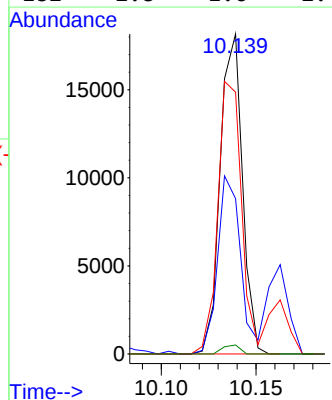
Manual Integrations
APPROVED

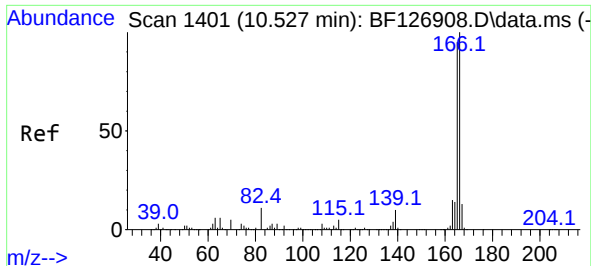
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#57
2,4-Dinitrotoluene
Concen: 3.691 ng
RT: 10.139 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

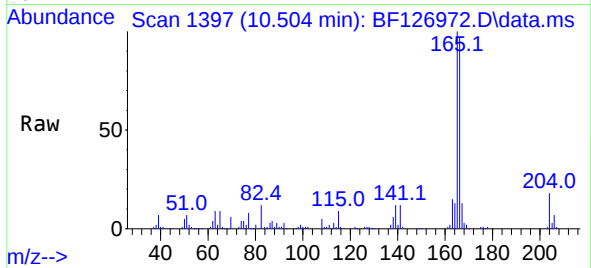
Tgt Ion:165 Resp: 14832
Ion Ratio Lower Upper
165 100
63 48.6 43.0 64.6
89 81.8 71.0 106.4
182 2.8 1.6 2.4#





#58
Fluorene
Concen: 3.870 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

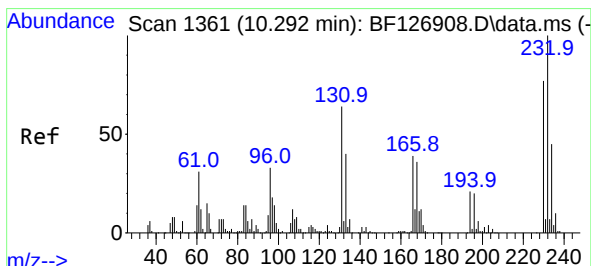
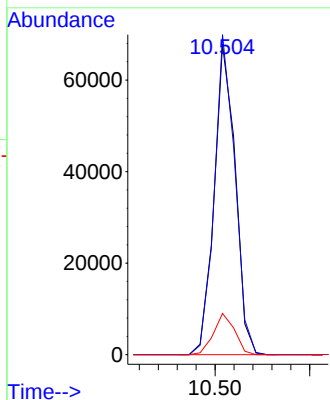
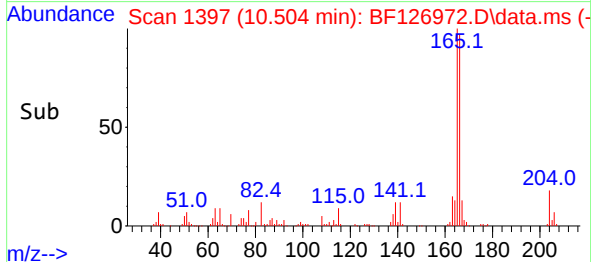
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



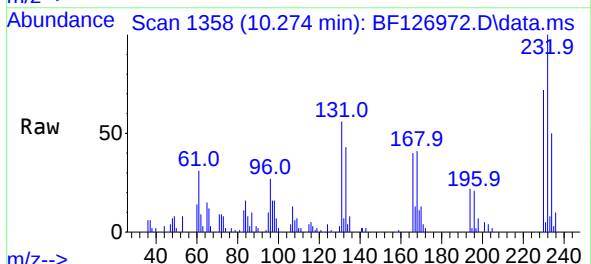
Tgt Ion:166 Resp: 5256
Ion Ratio Lower Upper
166 100
165 103.1 77.7 116.5
167 13.3 10.7 16.1

Manual Integrations
APPROVED

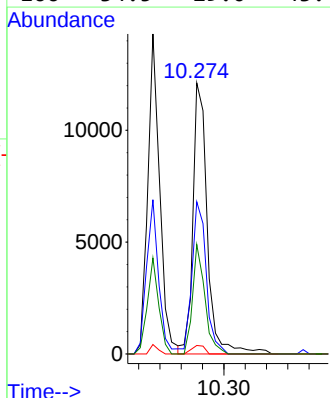
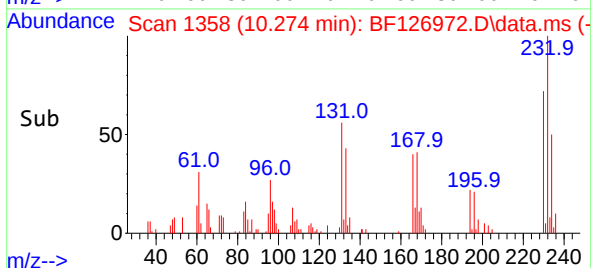
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

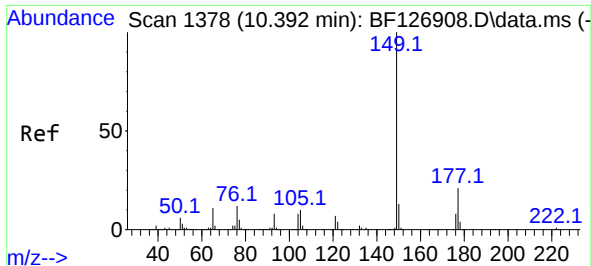


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.463 ng
RT: 10.274 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



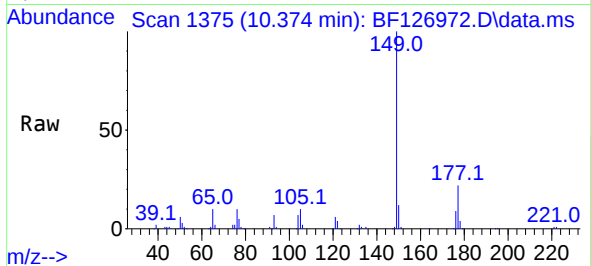
Tgt Ion:232 Resp: 11398
Ion Ratio Lower Upper
232 100
131 56.6 50.0 75.0
130 2.9 2.2 3.2
166 34.5 29.0 43.4





#60
Diethylphthalate
Concen: 3.781 ng
RT: 10.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

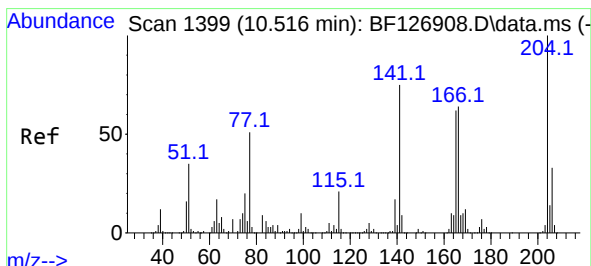
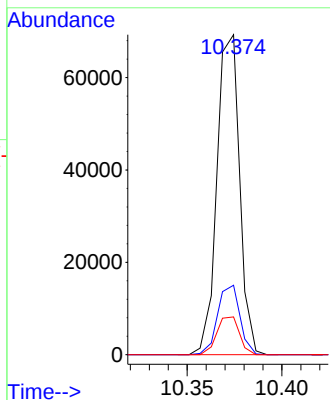
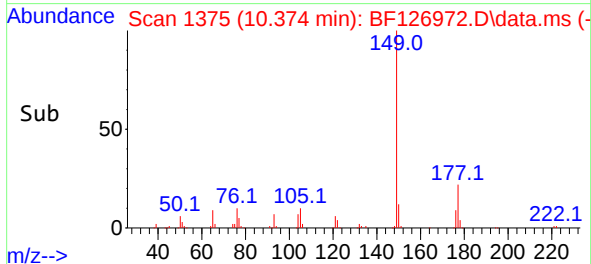
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



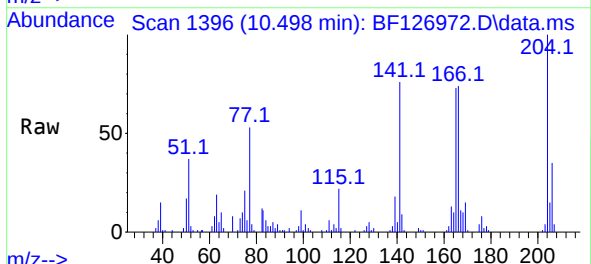
Tgt Ion:149 Resp: 57704
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 11.8 9.8 14.8

Manual Integrations
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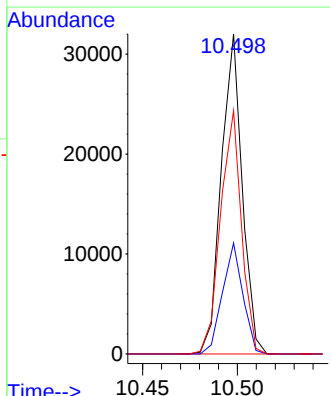
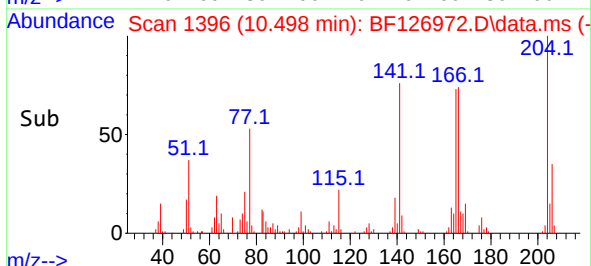
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

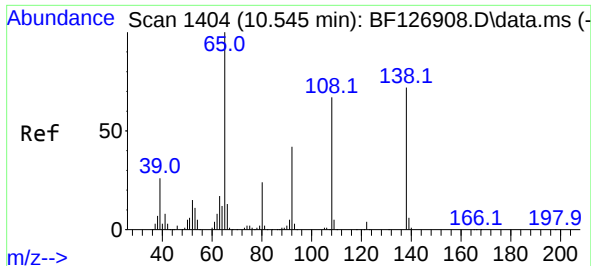


#61
4-Chlorophenyl-phenylether
Concen: 3.836 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



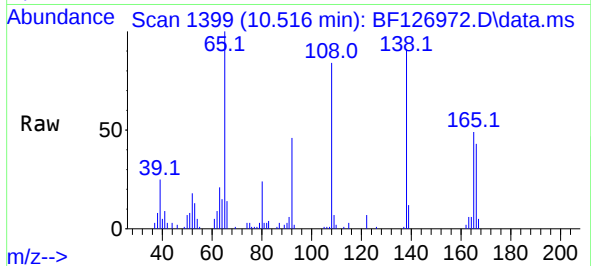
Tgt Ion:204 Resp: 24573
Ion Ratio Lower Upper
204 100
206 34.7 26.3 39.5
141 76.1 59.0 88.6





#62
4-Nitroaniline
Concen: 3.671 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.018 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

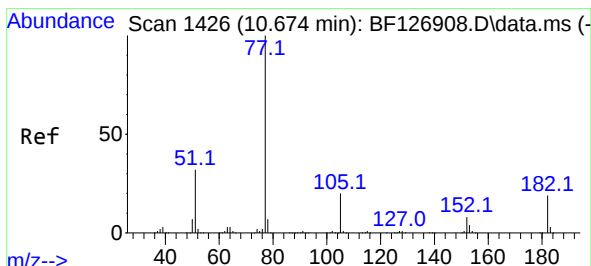
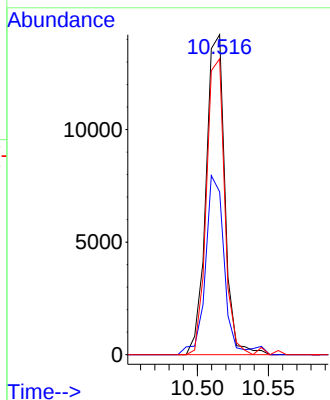
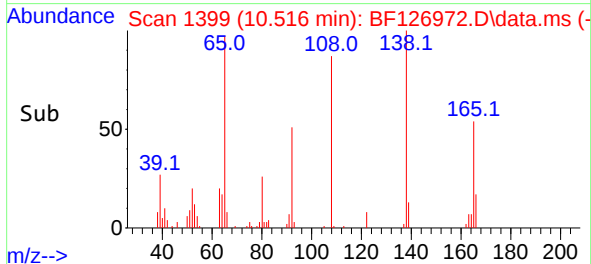
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



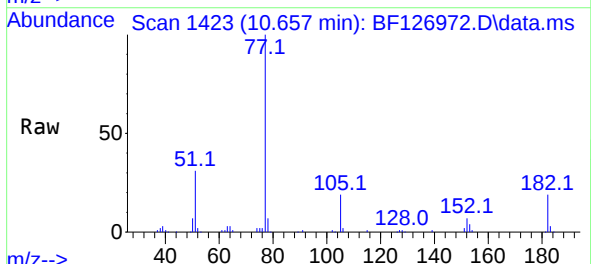
Tgt Ion:138 Resp: 1316
Ion Ratio Lower Upper
138 100
92 50.9 36.2 76.2
108 92.5 46.7 86.7

Manual Integrations
APPROVED

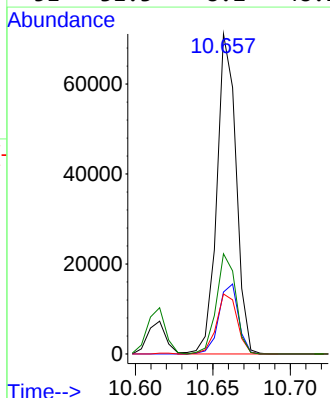
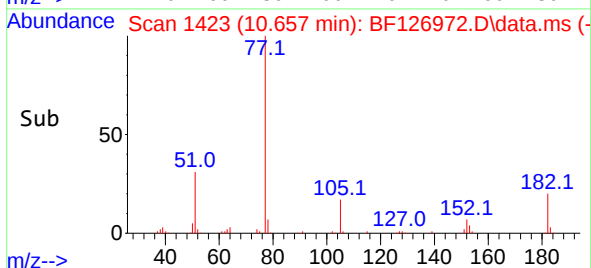
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

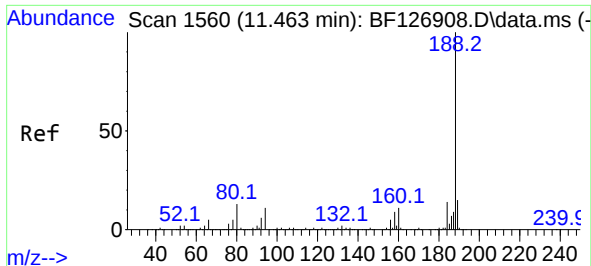


#63
Azobenzene
Concen: 3.615 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



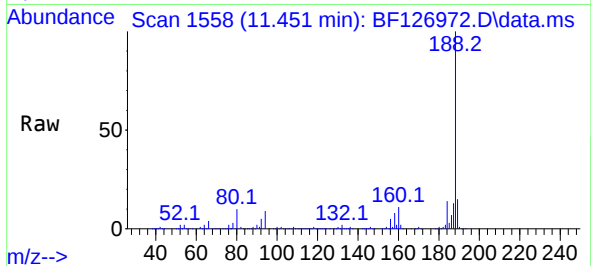
Tgt Ion: 77 Resp: 61434
Ion Ratio Lower Upper
77 100
182 19.4 0.0 39.0
105 18.8 3.2 43.2
51 31.3 8.2 48.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

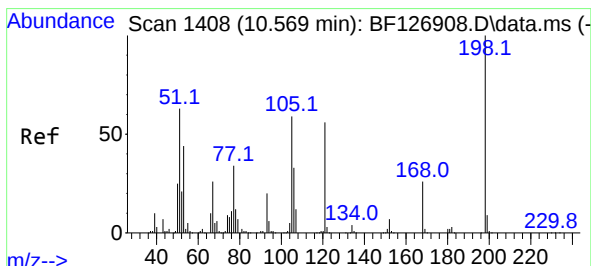
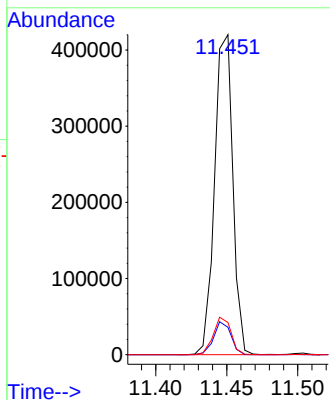
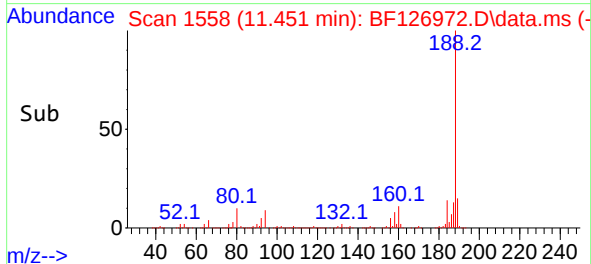
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:188 Resp: 375599
Ion Ratio Lower Upper
188 100
94 8.5 10.1 15.1
80 10.1 11.8 17.6

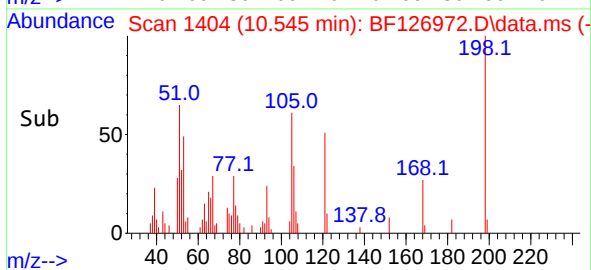
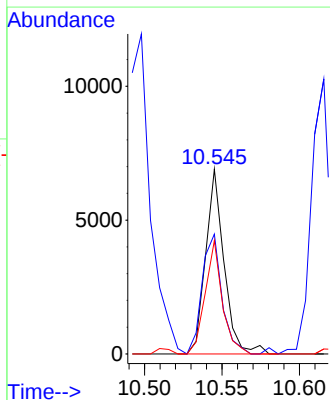
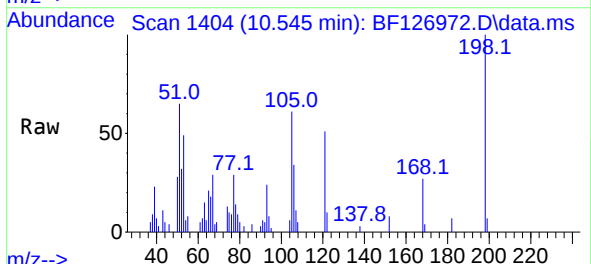
Manual Integrations
APPROVED

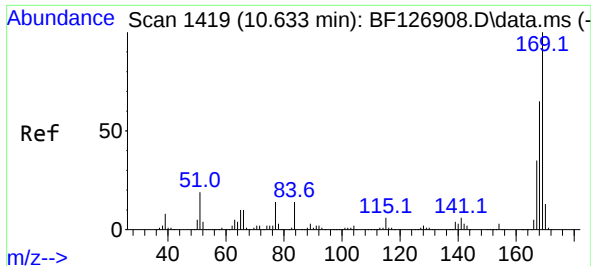
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#65
4,6-Dinitro-2-methylphenol
Concen: 2.588 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

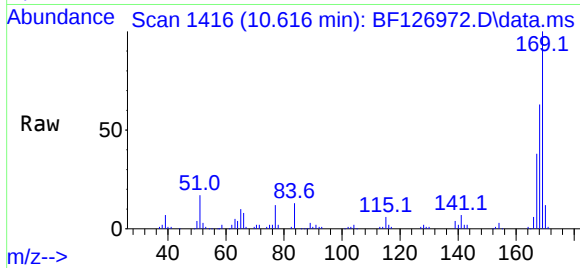
Tgt Ion:198 Resp: 5712
Ion Ratio Lower Upper
198 100
51 64.8 32.0 72.0
105 61.4 32.7 72.7





#66
n-Nitrosodiphenylamine
Concen: 3.671 ng
RT: 10.616 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

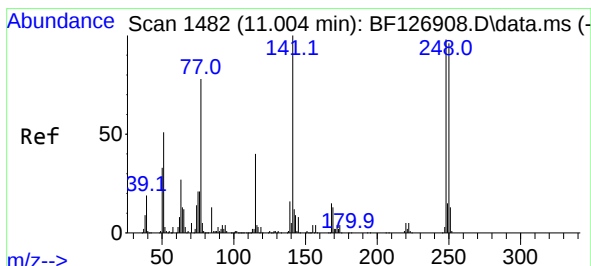
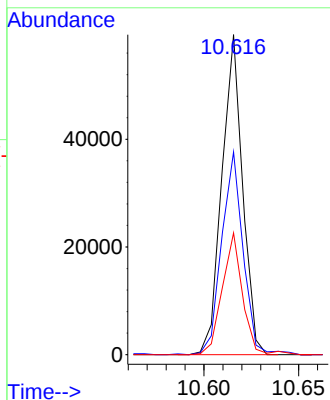
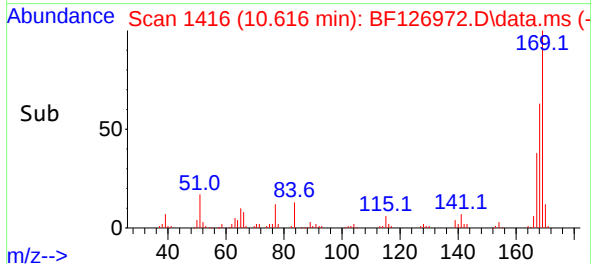
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



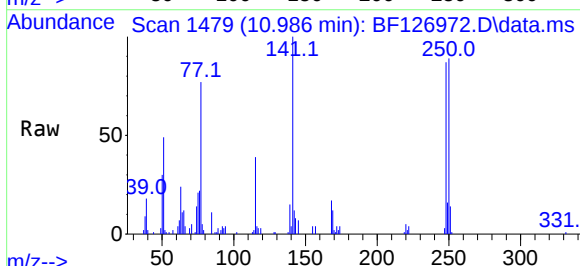
Tgt Ion:169 Resp: 45210
Ion Ratio Lower Upper
169 100
168 63.3 53.4 80.0
167 38.1 29.4 44.0

Manual Integrations
APPROVED

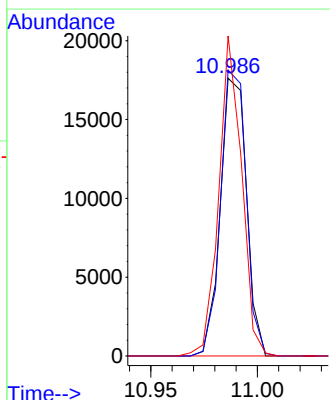
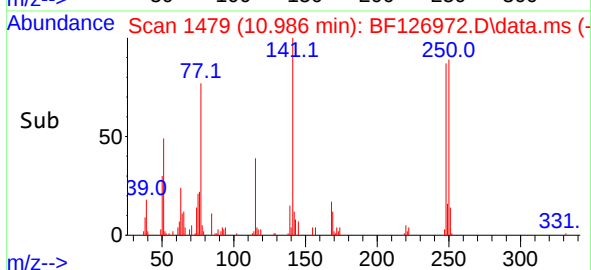
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

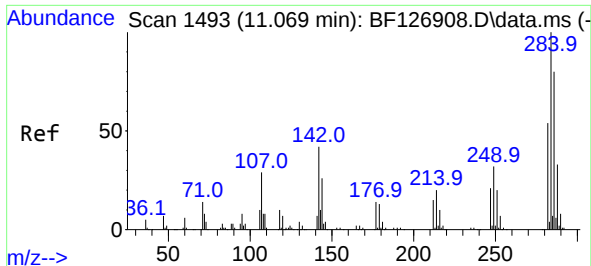


#67
4-Bromophenyl-phenylether
Concen: 3.589 ng
RT: 10.986 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



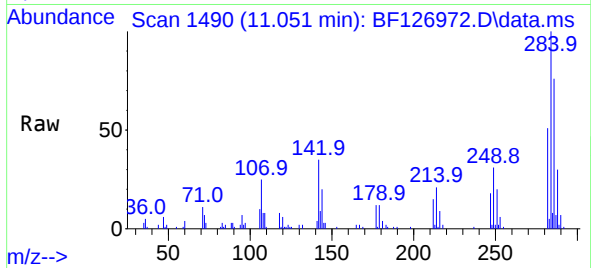
Tgt Ion:248 Resp: 15061
Ion Ratio Lower Upper
248 100
250 103.0 76.2 114.4
141 115.2 66.2 99.4#





#68
Hexachlorobenzene
Concen: 3.925 ng
RT: 11.051 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

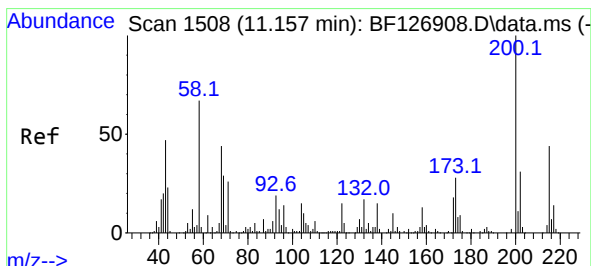
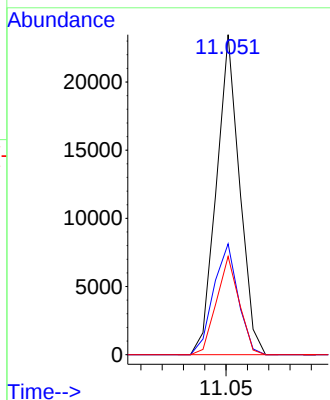
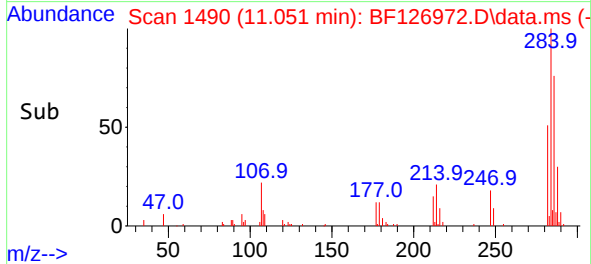
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



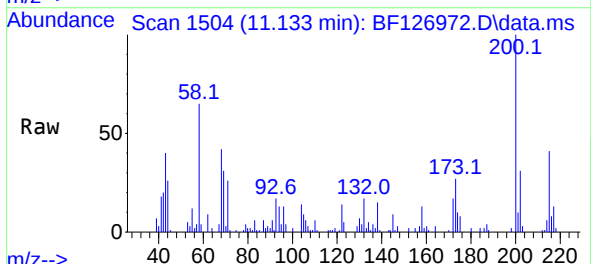
Tgt Ion:284 Resp: 1773
Ion Ratio Lower Upper
284 100
142 34.6 30.7 46.1
249 30.7 21.1 31.7

Manual Integrations
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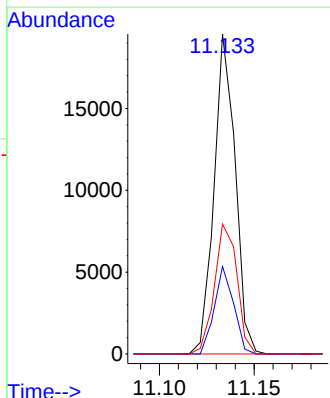
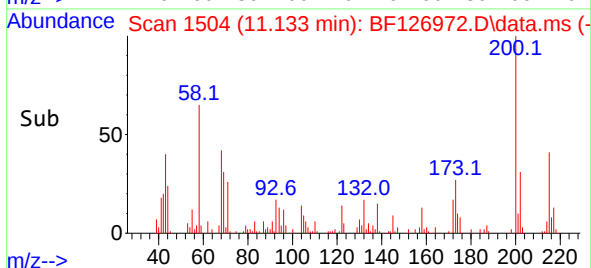
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

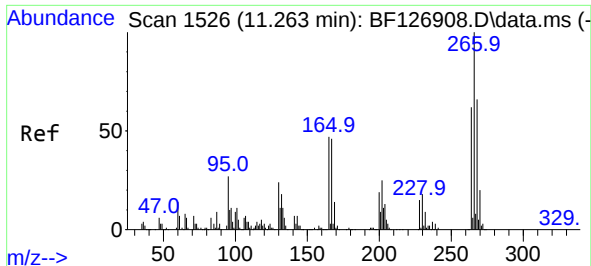


#69
Atrazine
Concen: 3.971 ng
RT: 11.133 min Scan# 1504
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



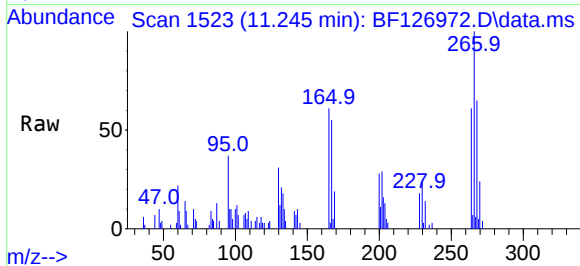
Tgt Ion:200 Resp: 15170
Ion Ratio Lower Upper
200 100
173 27.4 9.2 49.2
215 40.6 23.2 63.2





#70
Pentachlorophenol
Concen: 2.905 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

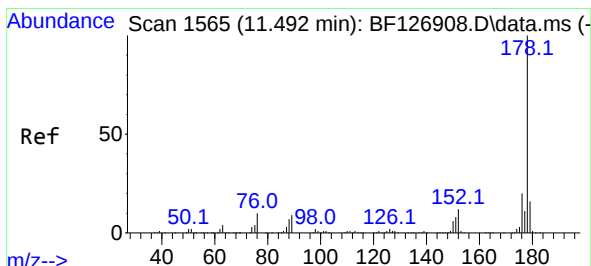
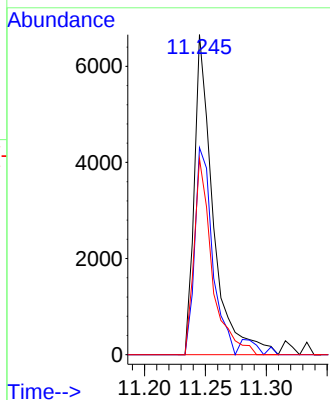
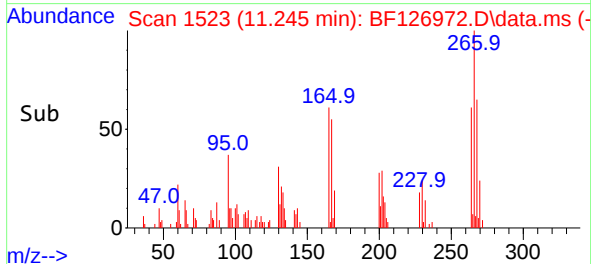
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



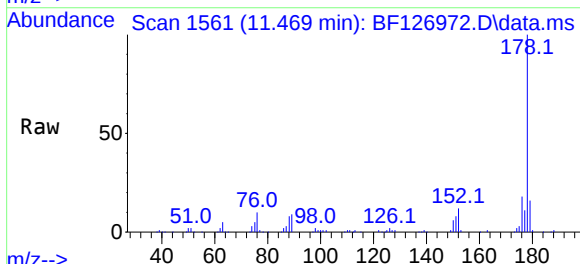
Tgt Ion:266 Resp: 7164
Ion Ratio Lower Upper
266 100
268 64.7 52.3 78.5
264 61.2 50.4 75.6

Manual Integrations
APPROVED

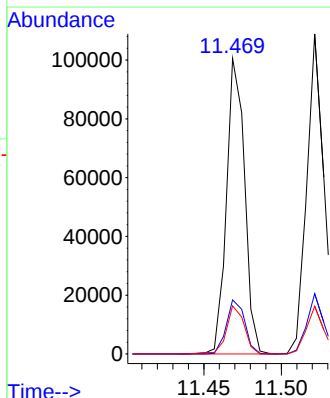
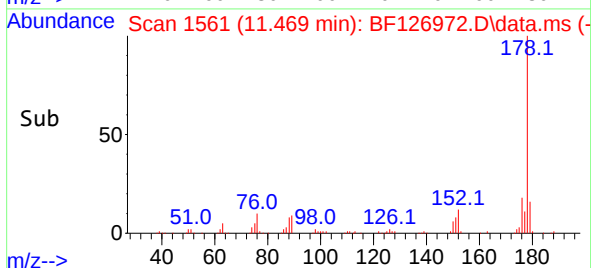
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

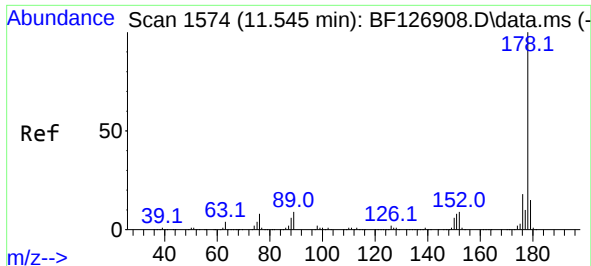


#71
Phenanthrene
Concen: 3.882 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



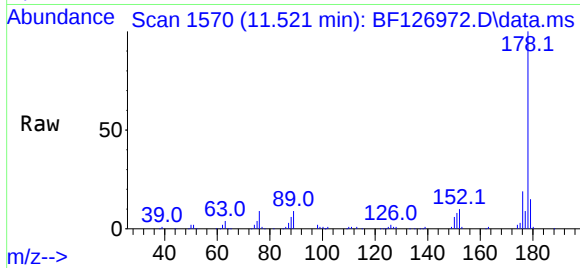
Tgt Ion:178 Resp: 81601
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 16.3 12.3 18.5





#72
 Anthracene
 Concen: 3.942 ng
 RT: 11.521 min Scan# 1595
 Delta R.T. -0.006 min
 Lab File: BF126972.D
 Acq: 21 Feb 2022 14:30

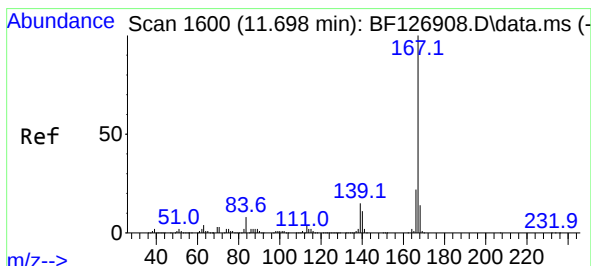
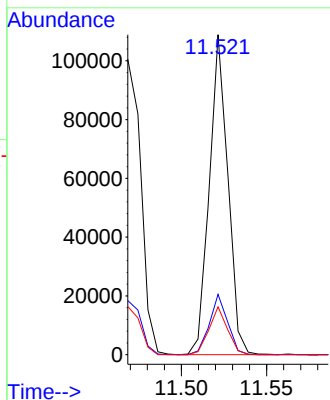
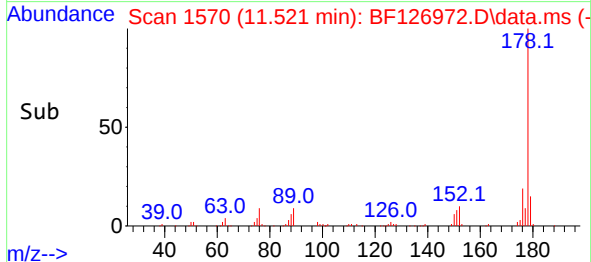
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT4-2021



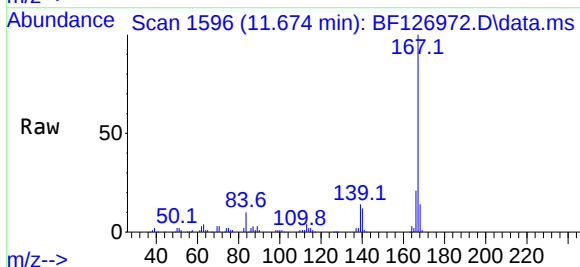
Tgt Ion:178 Resp: 82495
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 14.9 12.5 18.7

Manual Integrations
 APPROVED

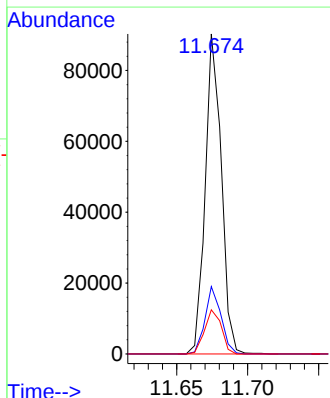
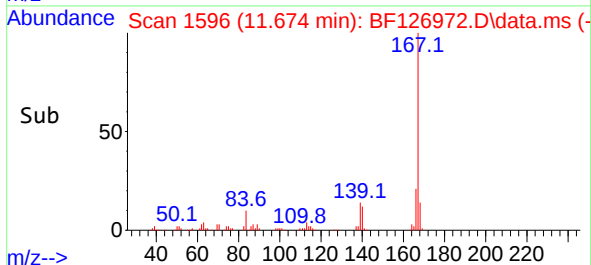
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

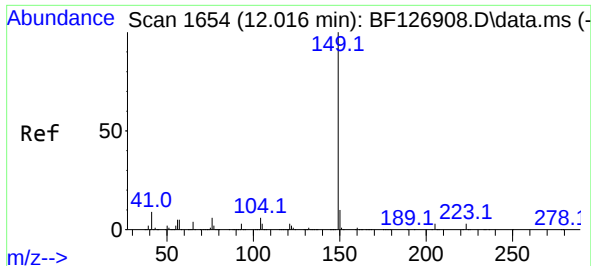


#73
 Carbazole
 Concen: 3.712 ng
 RT: 11.674 min Scan# 1596
 Delta R.T. -0.012 min
 Lab File: BF126972.D
 Acq: 21 Feb 2022 14:30



Tgt Ion:167 Resp: 71241
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 13.8 11.3 16.9





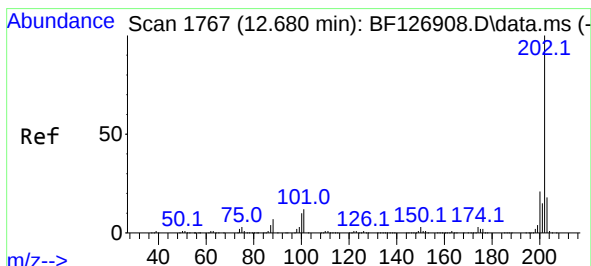
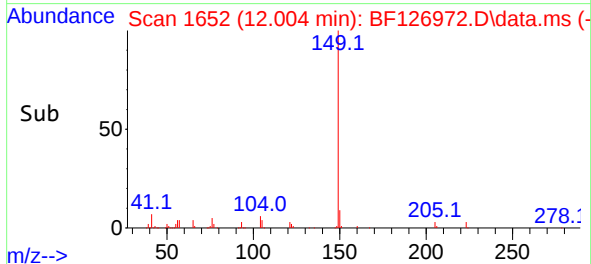
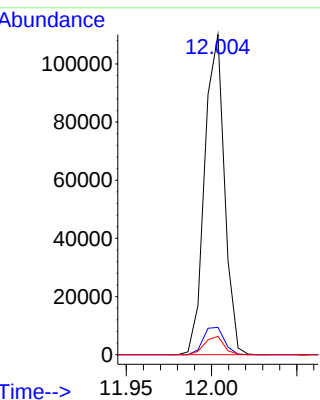
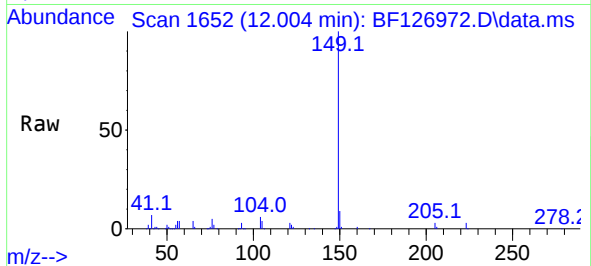
#74
Di-n-butylphthalate
Concen: 3.609 ng
RT: 12.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:149 Resp: 8904
Ion Ratio Lower Upper
149 100
150 8.6 7.2 10.8
104 5.7 4.2 6.2

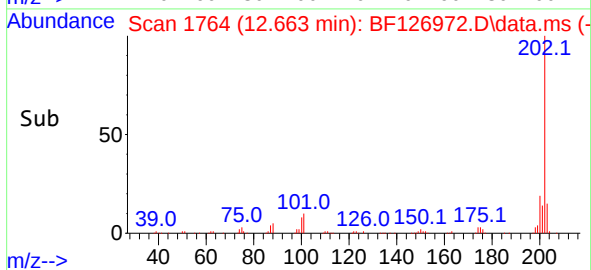
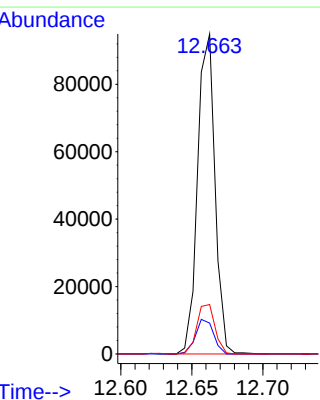
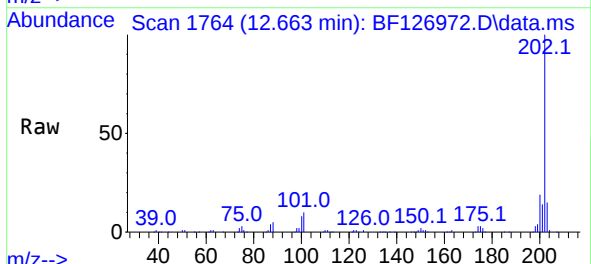
Manual Integrations
APPROVED

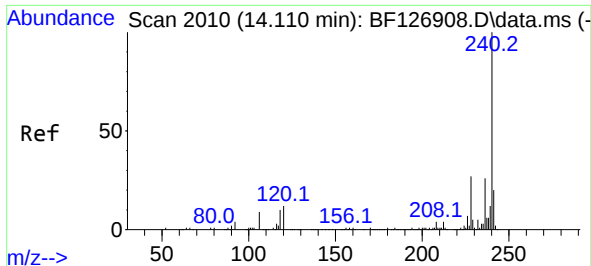
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#75
Fluoranthene
Concen: 4.062 ng
RT: 12.663 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

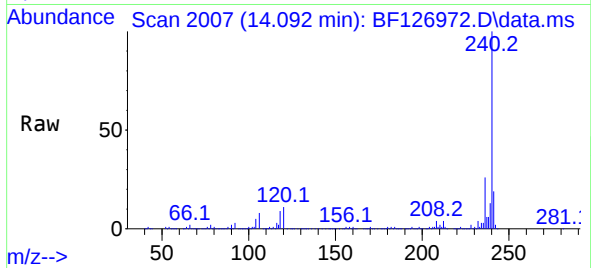
Tgt Ion:202 Resp: 81089
Ion Ratio Lower Upper
202 100
101 9.6 0.0 35.7
203 15.5 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

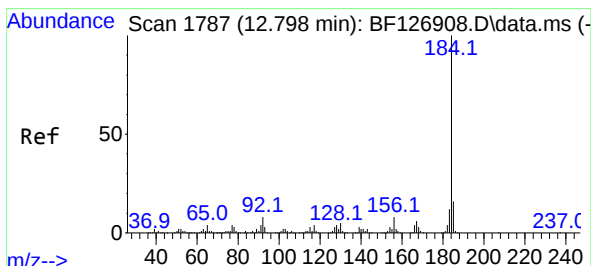
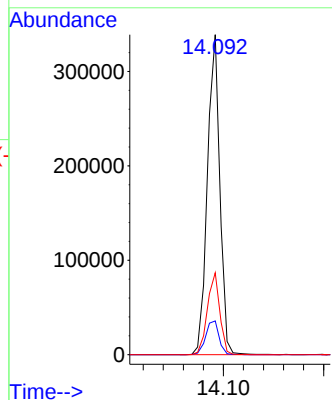
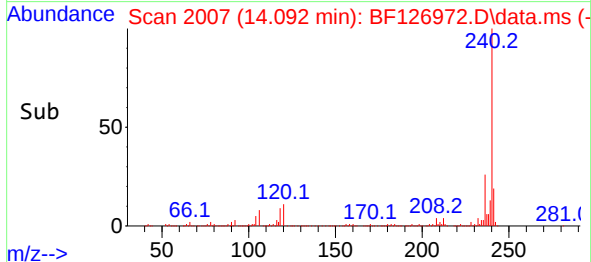
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



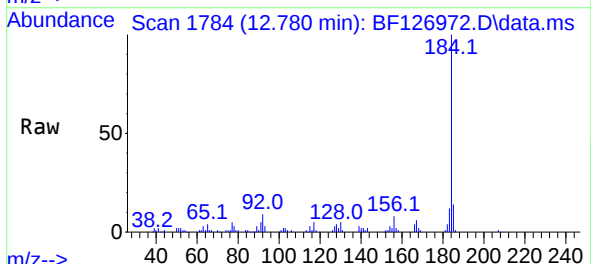
Tgt Ion:240 Resp: 293488
Ion Ratio Lower Upper
240 100
120 10.5 14.4 21.6
236 25.6 20.5 30.7

Manual Integrations
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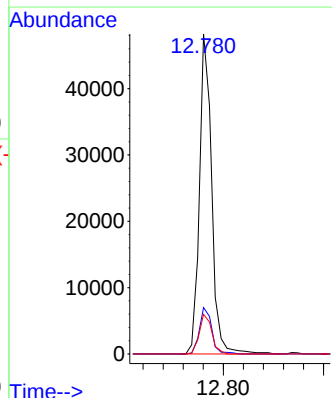
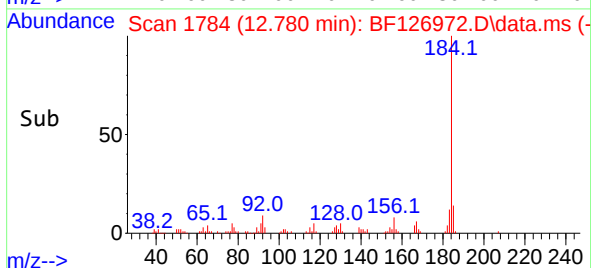
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

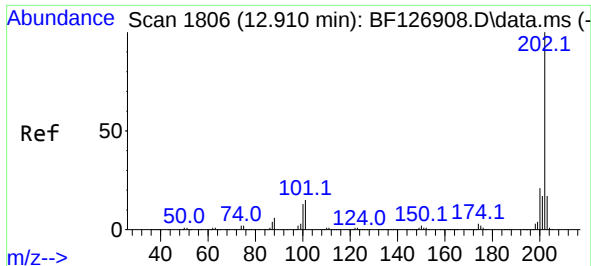


#77
Benzidine
Concen: 5.121 ng
RT: 12.780 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



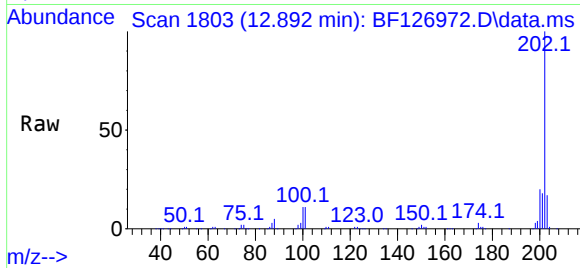
Tgt Ion:184 Resp: 40841
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 12.4 8.2 12.2





#78
Pyrene
Concen: 3.197 ng
RT: 12.892 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

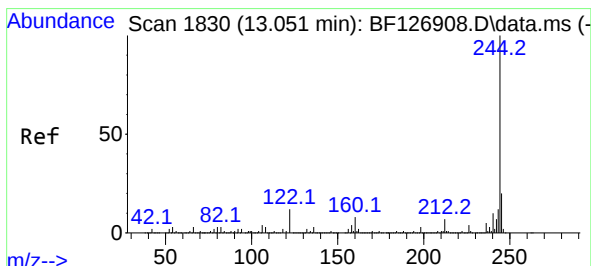
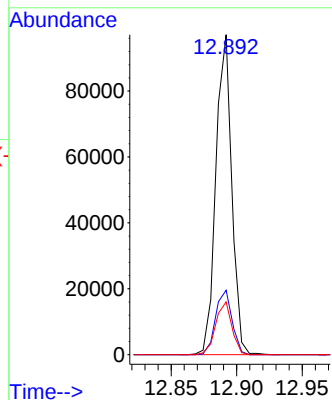
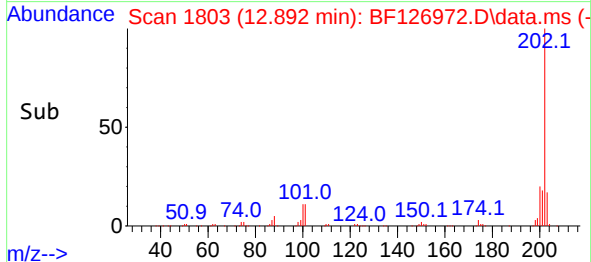
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



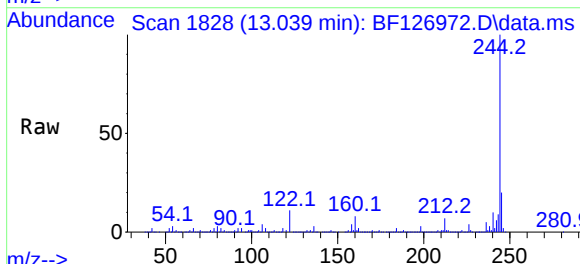
Tgt Ion: 202 Resp: 8151
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 16.5 13.8 20.8

Manual Integrations
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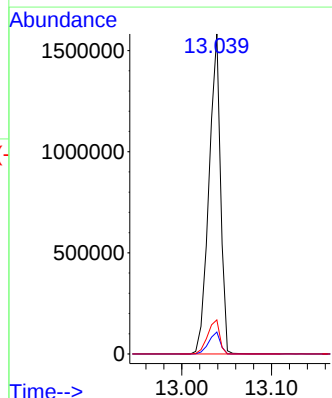
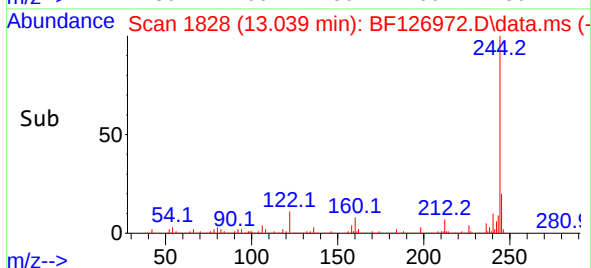
Reviewed By : Christian Giraldo 02/22/2022
Supervised By : Jagrut Upadhyay 02/22/2022

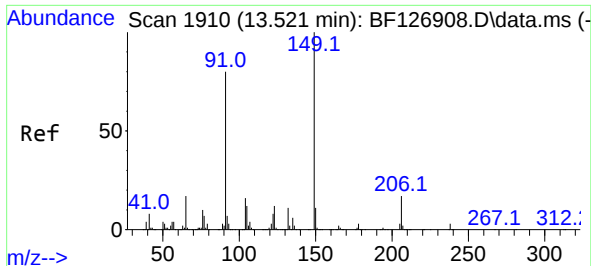


#79
Terphenyl-d14
Concen: 70.726 ng
RT: 13.039 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



Tgt Ion: 244 Resp: 1412020
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.7 13.3 19.9





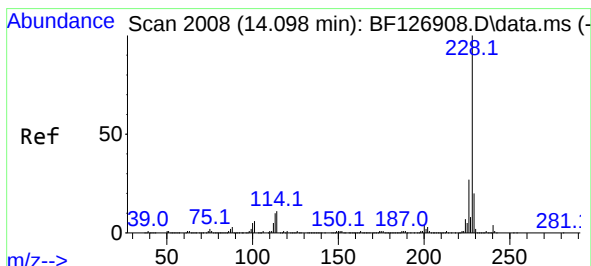
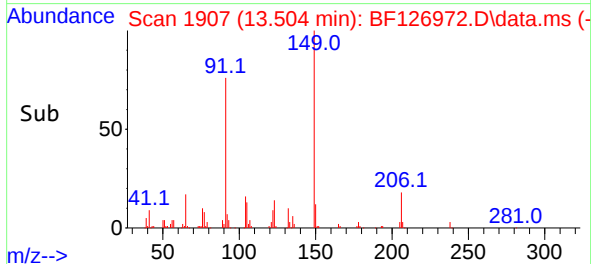
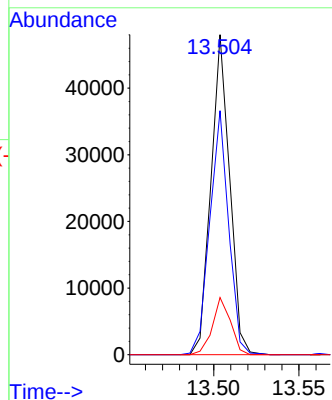
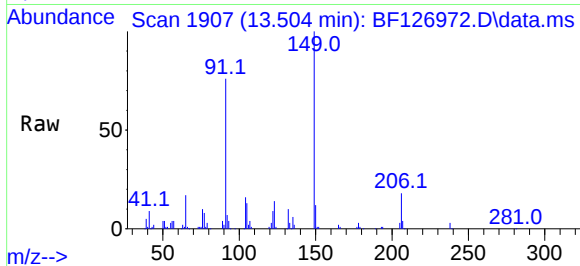
#80
Butylbenzylphthalate
Concen: 3.035 ng
RT: 13.504 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion:149 Resp: 3663
Ion Ratio Lower Upper
149 100
91 76.3 70.5 105.7
206 17.8 12.6 19.0

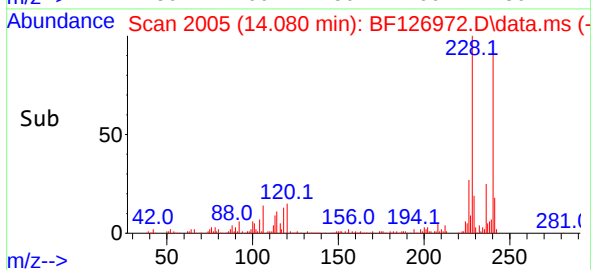
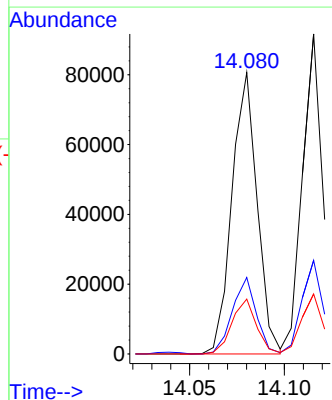
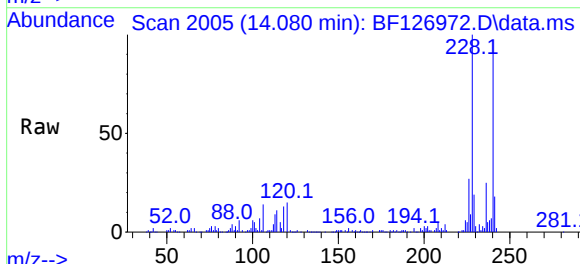
Manual Integrations
APPROVED

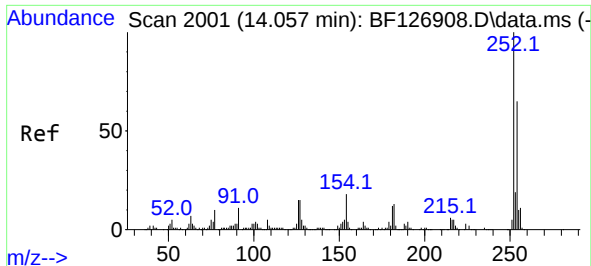
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#81
Benzo(a)anthracene
Concen: 3.761 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

Tgt Ion:228 Resp: 74417
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.5 15.4 23.2





#82

3,3'-Dichlorobenzidine

Concen: 3.948 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion:252 Resp: 24618

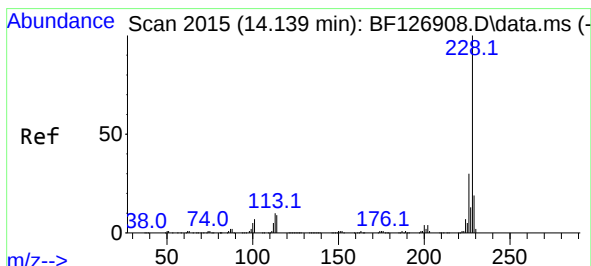
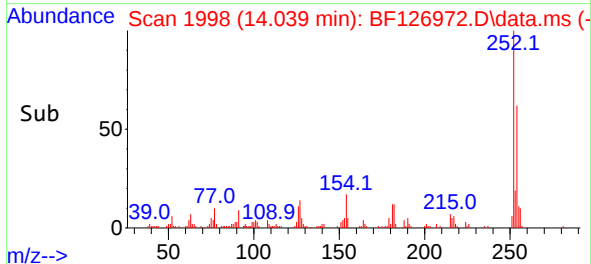
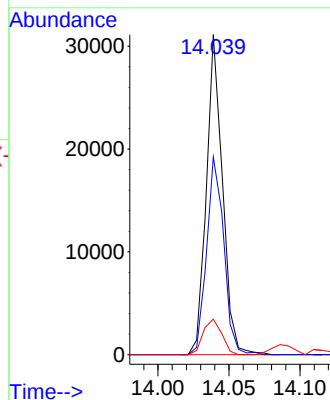
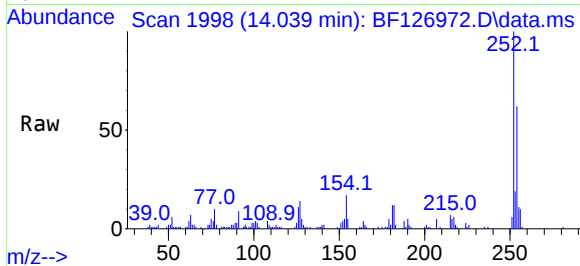
Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.0	76.4
126	11.1	13.4	20.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/22/2022

Supervised By :Jagrut Upadhyay 02/22/2022



#83

Chrysene

Concen: 3.723 ng

RT: 14.115 min Scan# 2011

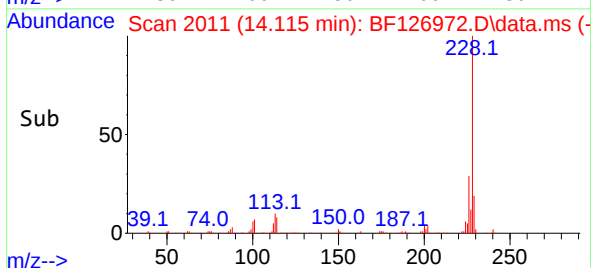
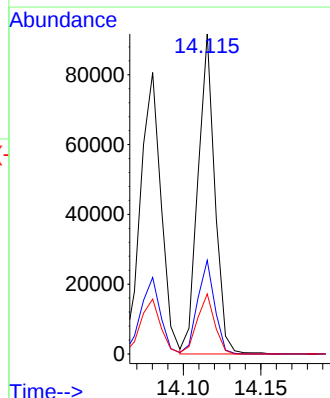
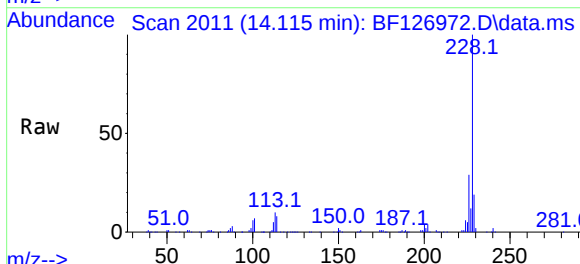
Delta R.T. -0.006 min

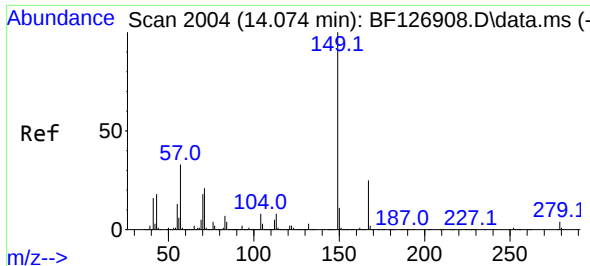
Lab File: BF126972.D

Acq: 21 Feb 2022 14:30

Tgt Ion:228 Resp: 69267

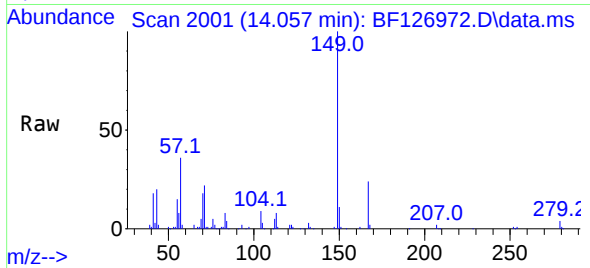
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	18.7	15.5	23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.213 ng
RT: 14.057 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

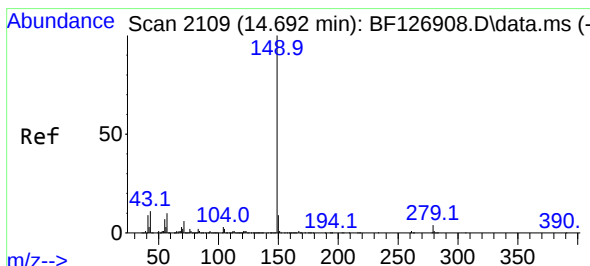
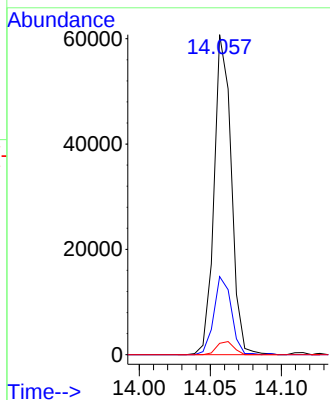
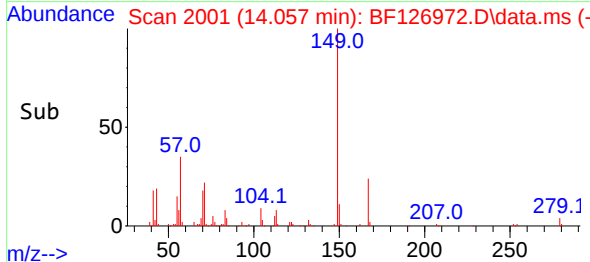
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



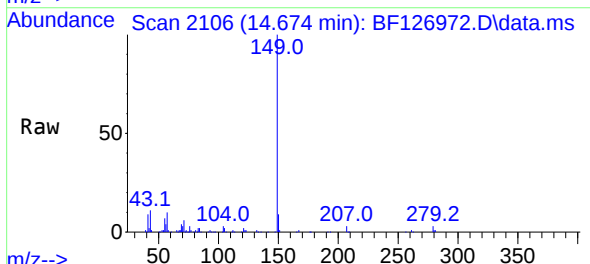
Tgt Ion:149 Resp: 50918
Ion Ratio Lower Upper
149 100
167 24.4 21.4 32.2
279 3.6 2.4 3.6

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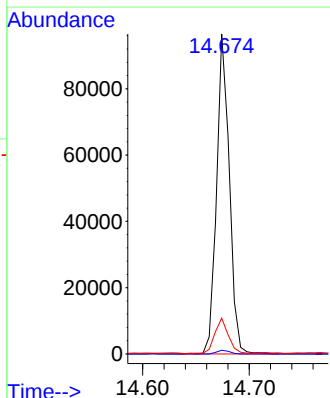
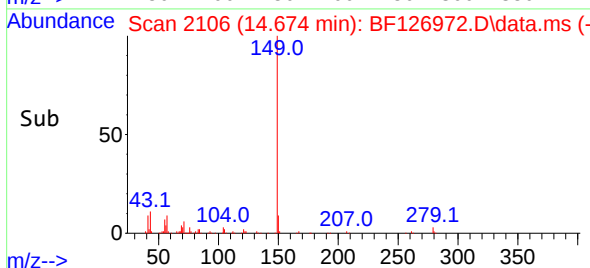
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

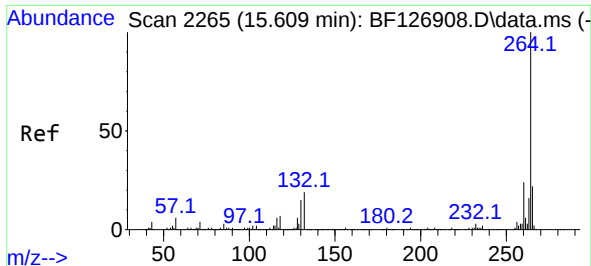


#85
Di-n-octyl phthalate
Concen: 3.516 ng
RT: 14.674 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



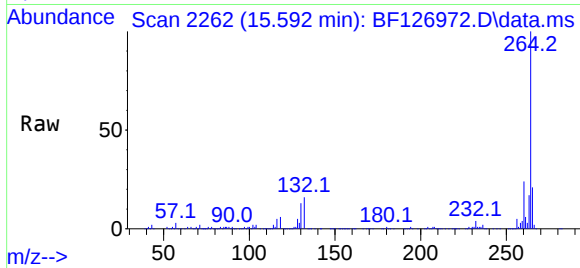
Tgt Ion:149 Resp: 80217
Ion Ratio Lower Upper
149 100
167 1.2 1.1 1.7
43 11.6 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

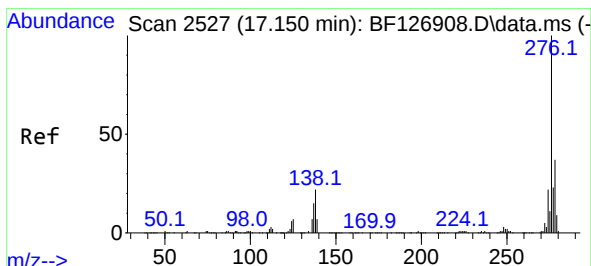
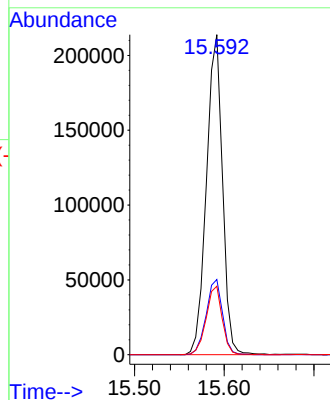
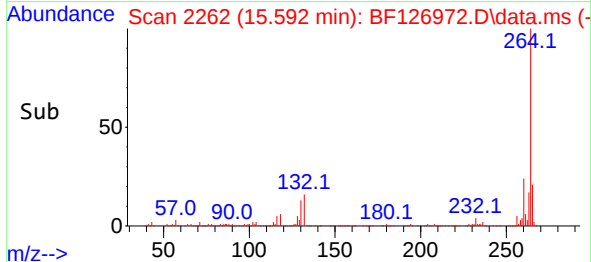
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



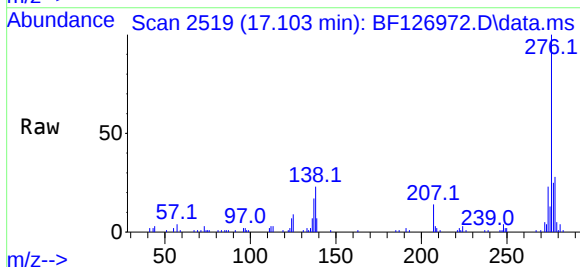
Tgt Ion:264 Resp: 26572
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.4 17.4 26.2

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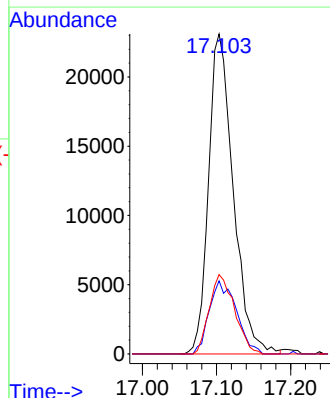
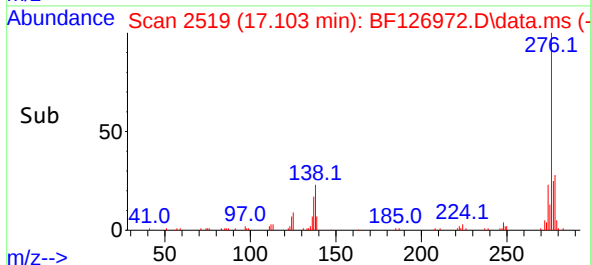
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

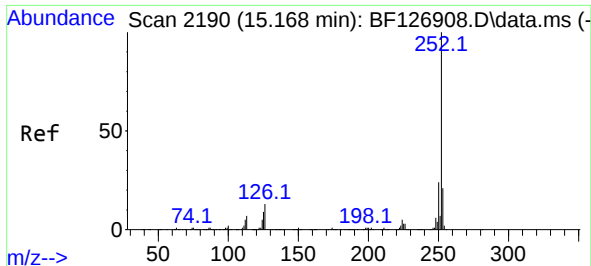


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.068 ng
RT: 17.103 min Scan# 2519
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



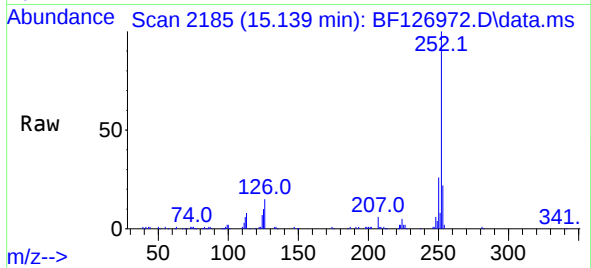
Tgt Ion:276 Resp: 53457
Ion Ratio Lower Upper
276 100
138 25.2 29.2 43.8#
277 25.4 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 3.676 ng
RT: 15.139 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

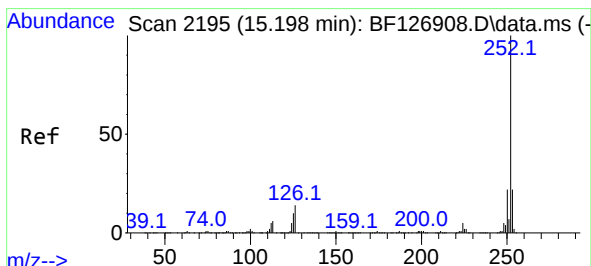
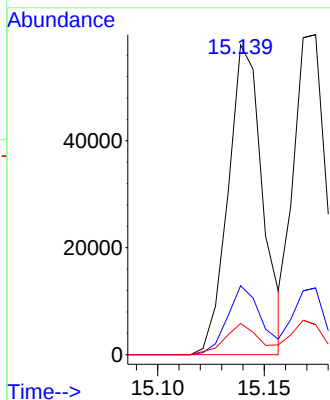
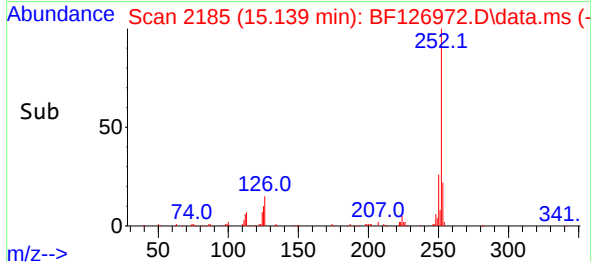
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



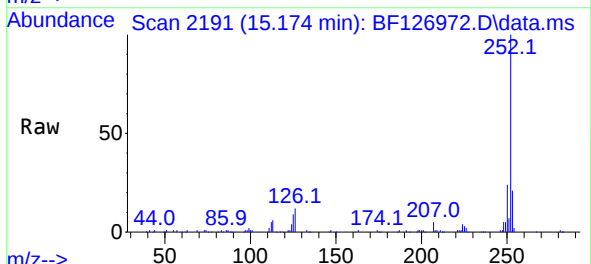
Tgt Ion:252 Resp: 65600
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.1 12.4 18.6

Manual Integrations
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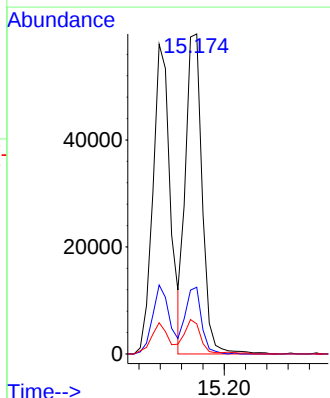
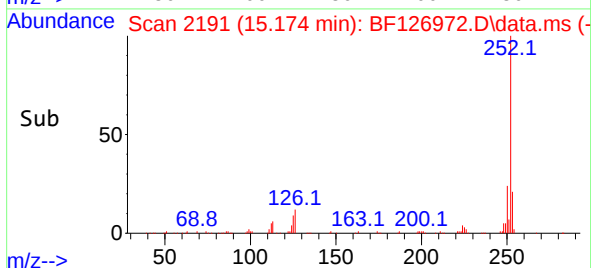
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

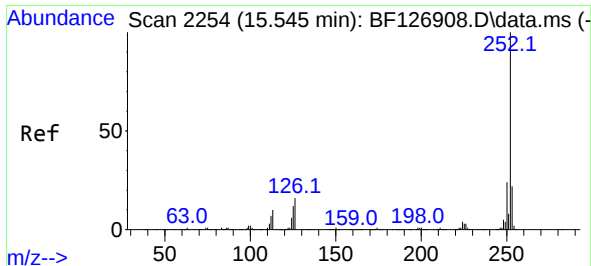


#89
Benzo(k)fluoranthene
Concen: 3.772 ng
RT: 15.174 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



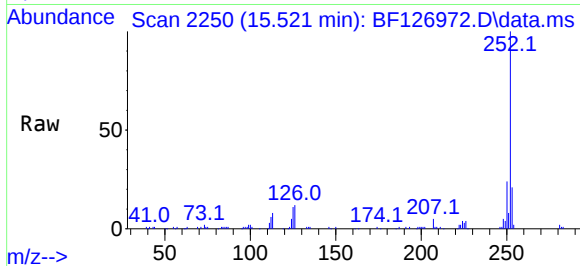
Tgt Ion:252 Resp: 64934
Ion Ratio Lower Upper
252 100
253 20.9 17.5 26.3
125 9.4 11.8 17.6





#90
Benzo(a)pyrene
Concen: 4.328 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30

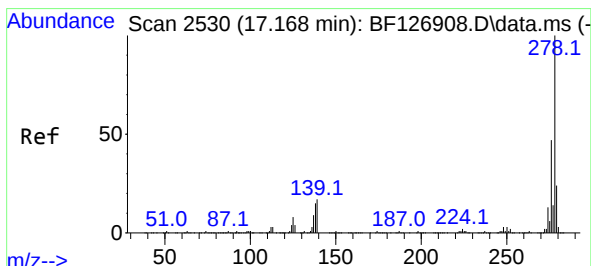
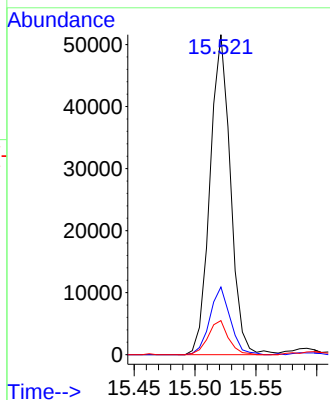
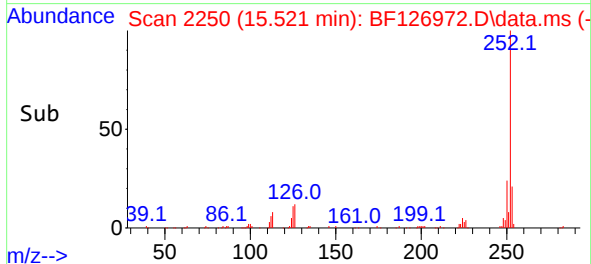
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



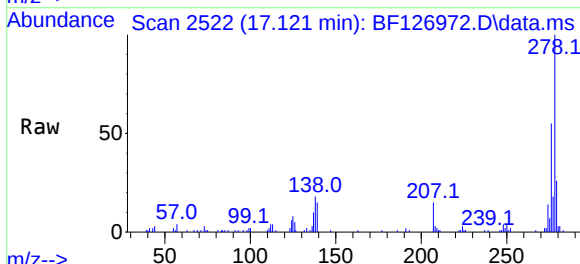
Tgt Ion:252 Resp: 60335
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 10.7 13.0 19.6

Manual Integrations
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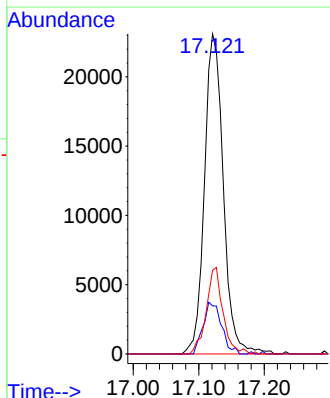
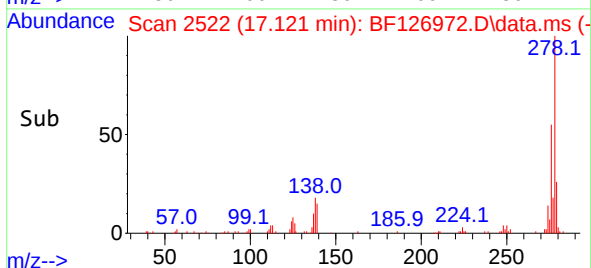
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

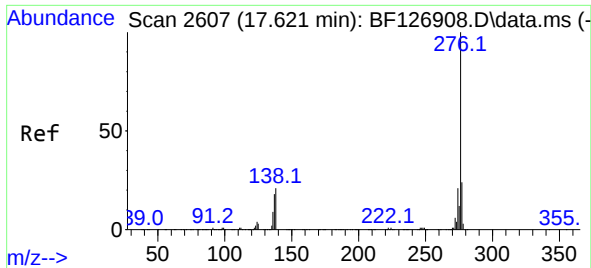


#91
Dibenzo(a,h)anthracene
Concen: 3.211 ng
RT: 17.121 min Scan# 2522
Delta R.T. -0.018 min
Lab File: BF126972.D
Acq: 21 Feb 2022 14:30



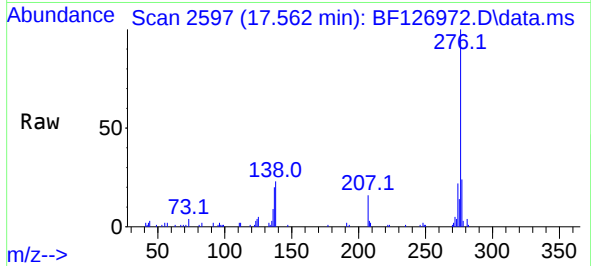
Tgt Ion:278 Resp: 46276
Ion Ratio Lower Upper
278 100
139 15.1 18.0 27.0#
279 26.2 18.6 27.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.178 ng
 RT: 17.562 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF126972.D
 Acq: 21 Feb 2022 14:30

Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT4-2021



Tgt Ion: 276 Resp: 45150

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	23.2	25.9	38.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

