

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126919.D
 Acq On : 16 Feb 2022 18:34
 Operator : CG\JU
 Sample : M4068-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Feb 17 01:08:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/17/2022
 Supervised By : Jagrut Upadhyay 02/17/2022

Supervised By : Jagrut
 Upadhyay
 02/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	116513	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	471405	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	250597	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	450268	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	292248	20.000	ng	# 0.00
86) Perylene-d12	15.604	264	211521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	765567	101.554	ng	0.00
7) Phenol-d6	6.551	99	1048591	103.085	ng	0.00
23) Nitrobenzene-d5	7.498	82	742343	71.080	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	308495	106.920	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1181010	69.380	ng	0.00
79) Terphenyl-d14	13.051	244	1341732	67.491	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	27214	7.889	ng	97
3) Pyridine	3.540	79	73994	8.178	ng	# 86
4) n-Nitrosodimethylamine	3.463	42	39931	9.009	ng	77
6) Aniline	6.598	93	128502	10.662	ng	98
8) 2-Chlorophenol	6.716	128	79601	9.841	ng	95
9) Benzaldehyde	6.486	77	69977	11.301	ng	99
10) Phenol	6.563	94	99832	9.713	ng	82
11) bis(2-Chloroethyl)ether	6.663	93	78539	9.742	ng	94
12) 1,3-Dichlorobenzene	6.869	146	82822	9.492	ng	98
13) 1,4-Dichlorobenzene	6.951	146	85350	9.649	ng	98
14) 1,2-Dichlorobenzene	7.104	146	80258	9.514	ng	96
15) Benzyl Alcohol	7.063	79	90137	10.518	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	120657	9.505	ng	96
17) 2-Methylphenol	7.169	107	68939	9.851	ng	95
18) Hexachloroethane	7.445	117	32550	9.600	ng	# 91
19) n-Nitroso-di-n-propyla...	7.333	70	68802	10.497	ng	98
20) 3+4-Methylphenols	7.322	107	92966	10.230	ng	# 72
22) Acetophenone	7.333	105	109033	8.785	ng	# 97
24) Nitrobenzene	7.510	77	99510	10.086	ng	94
25) Isophorone	7.745	82	183424	10.614	ng	97
26) 2-Nitrophenol	7.828	139	39989	9.520	ng	# 81
27) 2,4-Dimethylphenol	7.851	122	76920	11.147	ng	95
28) bis(2-Chloroethoxy)met...	7.957	93	104164	9.942	ng	97
29) 2,4-Dichlorophenol	8.063	162	63349	9.764	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	70688	9.746	ng	97
31) Naphthalene	8.233	128	249305	10.131	ng	100
32) Benzoic acid	7.933	122	39843	8.141	ng	93
33) 4-Chloroaniline	8.280	127	101738	10.504	ng	97
34) Hexachlorobutadiene	8.345	225	39557	9.341	ng	97
35) Caprolactam	8.622	113	20122	8.881	ng	90
36) 4-Chloro-3-methylphenol	8.751	107	82209	9.915	ng	98
37) 2-Methylnaphthalene	8.922	142	165832	10.385	ng	97
38) 1-Methylnaphthalene	9.027	142	157067	10.272	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	56631	8.585	ng	97
41) Hexachlorocyclopentadiene	9.075	237	37061	10.359	ng	96
43) 2,4,6-Trichlorophenol	9.198	196	44452	9.188	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126919.D
 Acq On : 16 Feb 2022 18:34
 Operator : CG\JU
 Sample : M4068-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Feb 17 01:08:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/17/2022
 Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut Upadhyay
 02/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	46712	9.175	ng	93
46) 1,1'-Biphenyl	9.386	154	174915	8.810	ng	97
47) 2-Chloronaphthalene	9.416	162	146225	9.932	ng	97
48) 2-Nitroaniline	9.510	65	55394	9.534	ng	93
49) Acenaphthylene	9.833	152	256174	10.711	ng	98
50) Dimethylphthalate	9.680	163	174818	9.760	ng	97
51) 2,6-Dinitrotoluene	9.745	165	37603	10.318	ng	# 82
52) Acenaphthene	10.004	154	155189	9.978	ng	97
53) 3-Nitroaniline	9.916	138	42837	9.616	ng	98
54) 2,4-Dinitrophenol	10.022	184	13980	7.248	ng	# 89
55) Dibenzofuran	10.174	168	212670	9.944	ng	94
56) 4-Nitrophenol	10.063	139	39268	11.935	ng	# 84
57) 2,4-Dinitrotoluene	10.151	165	49236	9.992	ng	# 92
58) Fluorene	10.516	166	169856	10.196	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	36060	8.934	ng	97
60) Diethylphthalate	10.386	149	187957	10.042	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	78221	9.957	ng	99
62) 4-Nitroaniline	10.527	138	40071	9.109	ng	# 83
63) Azobenzene	10.669	77	202940	9.737	ng	96
65) 4,6-Dinitro-2-methylph...	10.557	198	19249	7.276	ng	86
66) n-Nitrosodiphenylamine	10.627	169	146029	9.890	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	50146	9.968	ng	96
68) Hexachlorobenzene	11.063	284	52096	9.619	ng	95
69) Atrazine	11.145	200	37961	8.290	ng	93
70) Pentachlorophenol	11.257	266	31705	10.724	ng	97
71) Phenanthrene	11.486	178	255873	10.153	ng	98
72) Anthracene	11.533	178	254492	10.143	ng	99
73) Carbazole	11.686	167	219833	9.555	ng	99
74) Di-n-butylphthalate	12.016	149	291850	9.867	ng	99
75) Fluoranthene	12.674	202	241569	10.095	ng	96
77) Benzidine	12.792	184	93471m	11.769	ng	
78) Pyrene	12.904	202	242033	9.533	ng	100
80) Butylbenzylphthalate	13.515	149	110435	9.188	ng	94
81) Benzo(a)anthracene	14.092	228	187865	9.535	ng	98
82) 3,3'-Dichlorobenzidine	14.051	252	51683	8.324	ng	97
83) Chrysene	14.127	228	180490	9.742	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	149271	9.459	ng	95
85) Di-n-octyl phthalate	14.686	149	209184	9.206	ng	98
87) Indeno(1,2,3-cd)pyrene	17.133	276	121207	8.739	ng	# 89
88) Benzo(b)fluoranthene	15.156	252	151913	10.693	ng	# 94
89) Benzo(k)fluoranthene	15.186	252	137235	10.015	ng	# 96
90) Benzo(a)pyrene	15.539	252	126667	11.415	ng	# 94
91) Dibenzo(a,h)anthracene	17.150	278	106860	9.316	ng	# 93
92) Benzo(g,h,i)perylene	17.598	276	102848	9.095	ng	# 87

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

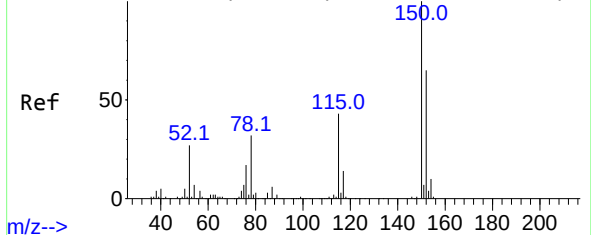
Manual Integrations

Supervised By : Jagrut
 Oppdhyesd By : Jagrut
 Upadhyay
 02/17/2022

Quant Time: Feb 17 01:08:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:55:48 2022
Response via : Initial Calibration



Abundance Scan 790 (6.933 min): BF126908.D\data.ms (-78)



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.934 min Scan# 79

Delta R.T. 0.001 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion:152 Resp: 11651

Ion Ratio Lower Upper

152 100

150 154.3 128.1 192.1

115 63.1 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/17/2022

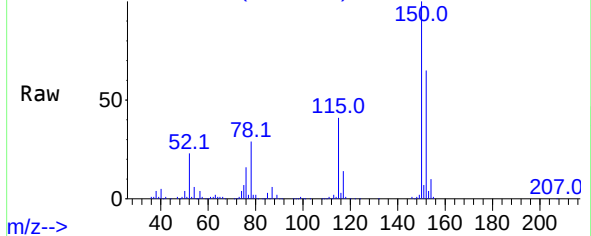
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut

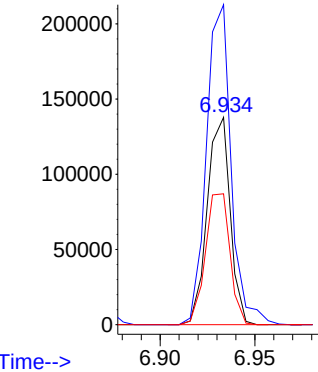
Upadhyay 02/17/2022

02/17/2022

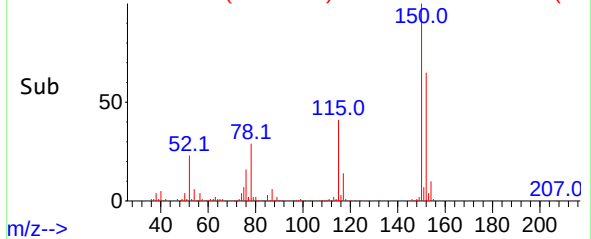
Abundance Scan 790 (6.934 min): BF126919.D\data.ms



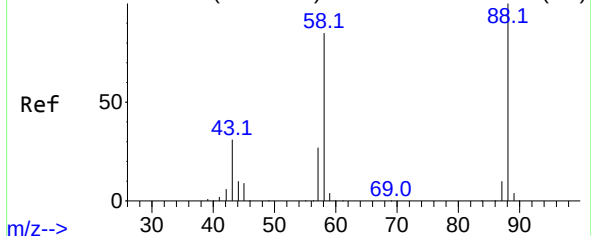
Abundance



Abundance Scan 790 (6.934 min): BF126919.D\data.ms (-77)



Abundance Scan 78 (2.746 min): BF126908.D\data.ms (-71)



#2

1,4-Dioxane

Concen: 7.889 ng

RT: 2.740 min Scan# 77

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion: 88 Resp: 27214

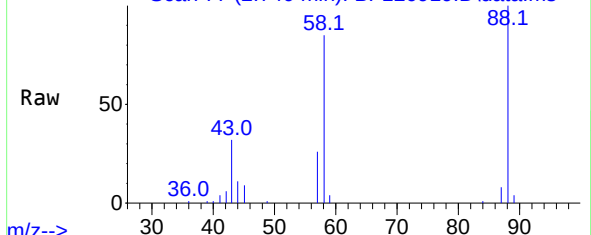
Ion Ratio Lower Upper

88 100

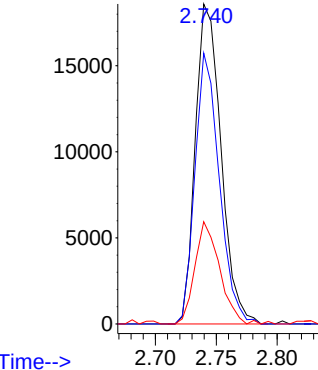
58 80.3 62.8 94.2

43 31.0 22.3 33.5

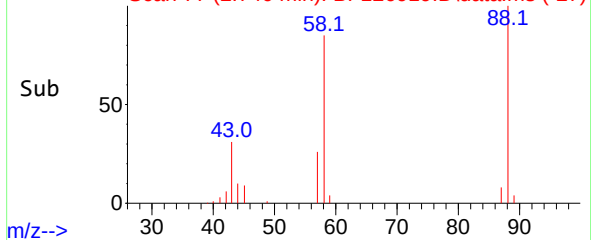
Abundance Scan 77 (2.740 min): BF126919.D\data.ms

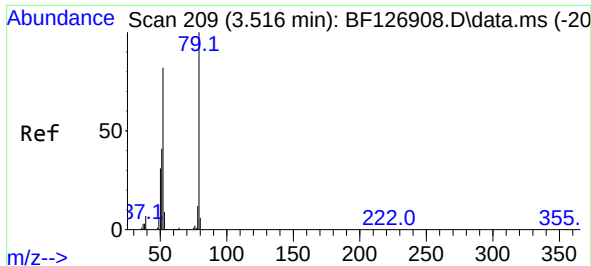


Abundance



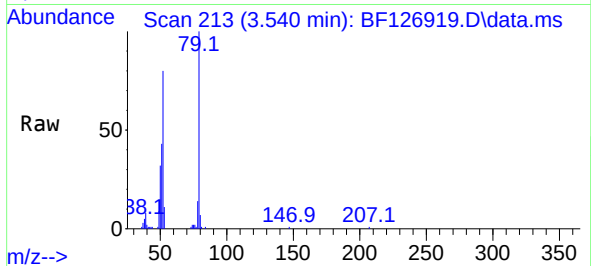
Abundance Scan 77 (2.740 min): BF126919.D\data.ms (-27)





#3
Pyridine
Concen: 8.178 ng
RT: 3.540 min Scan# 213
Delta R.T. 0.024 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

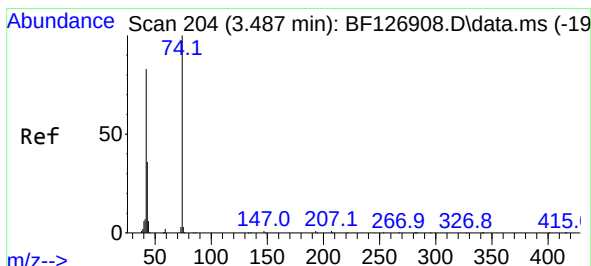
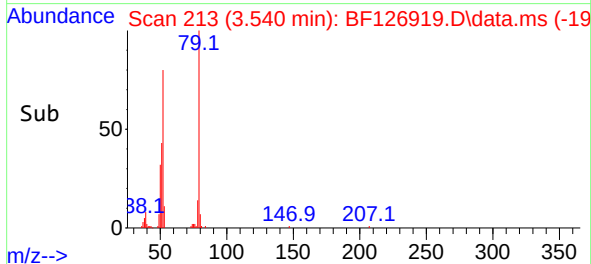
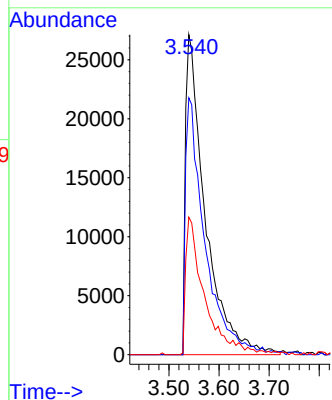


Tgt Ion: 79 Resp: 73994
Ion Ratio Lower Upper
79 100
52 80.3 56.2 84.4
51 42.9 26.7 40.1

Manual Integrations
APPROVED

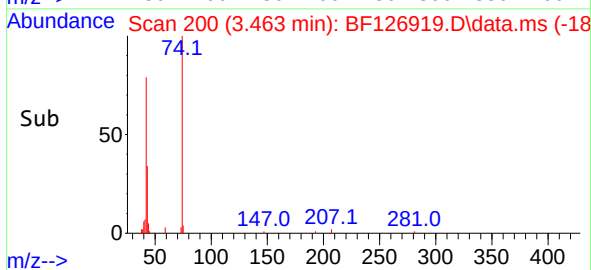
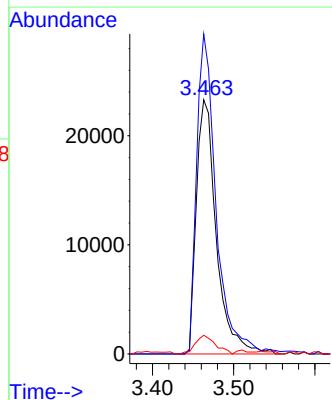
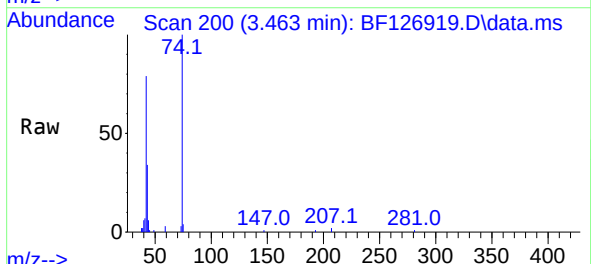
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

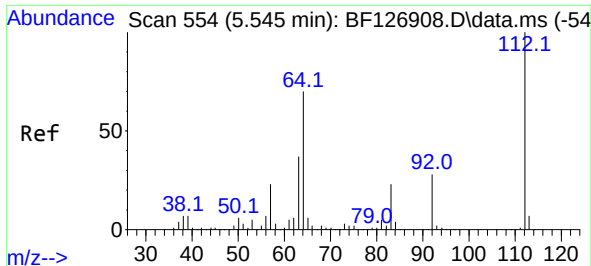
Supervised By :Jagrut Upadhyay
02/17/2022



#4
n-Nitrosodimethylamine
Concen: 9.009 ng
RT: 3.463 min Scan# 200
Delta R.T. -0.024 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

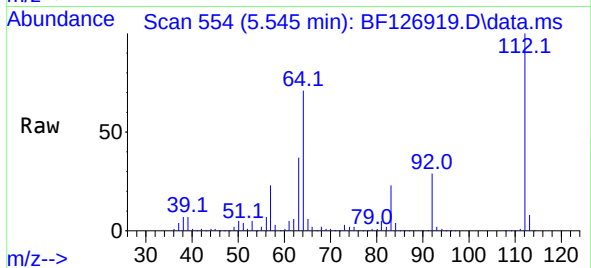
Tgt Ion: 42 Resp: 39931
Ion Ratio Lower Upper
42 100
74 125.9 125.6 188.4
44 7.4 5.7 8.5





#5
2-Fluorophenol
Concen: 101.554 ng
RT: 5.545 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



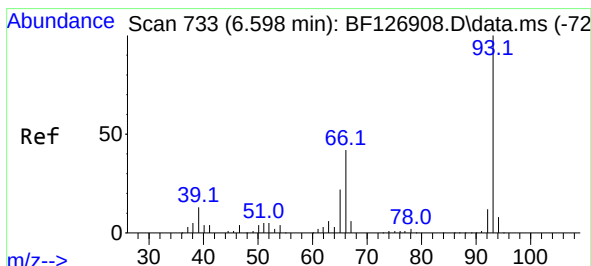
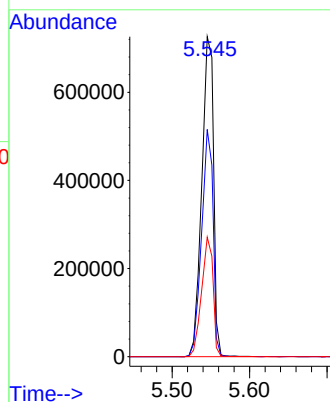
Tgt Ion:112 Resp: 76556
Ion Ratio Lower Upper
112 100
64 71.0 49.5 74.3
63 37.4 23.9 35.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

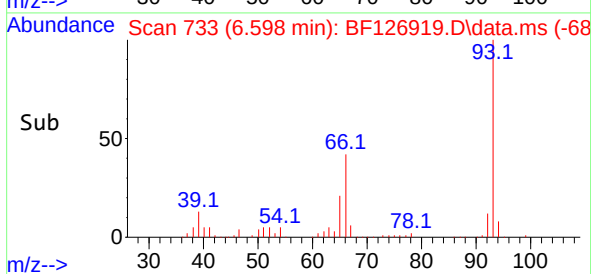
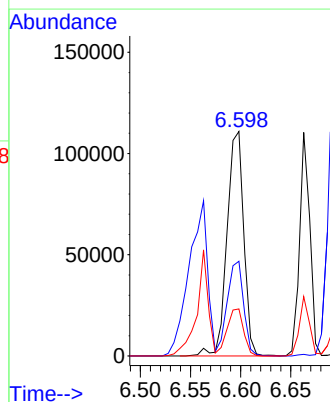
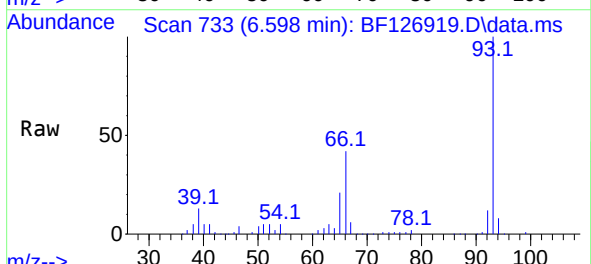
Supervised By :Jagrut
Upadhyay 02/17/2022

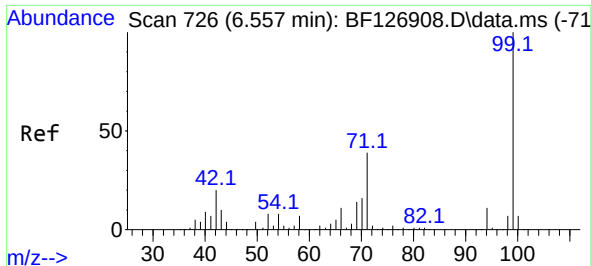
02/17/2022



#6
Aniline
Concen: 10.662 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

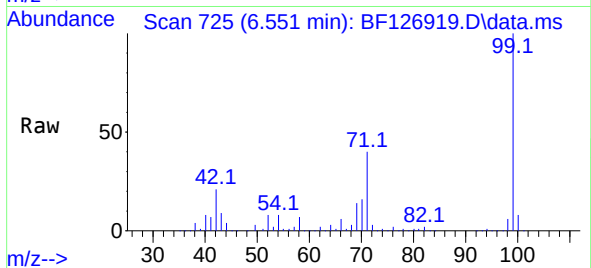
Tgt Ion: 93 Resp: 128502
Ion Ratio Lower Upper
93 100
66 42.2 32.2 48.4
65 20.9 16.3 24.5





#7
Phenol-d6
Concen: 103.085 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



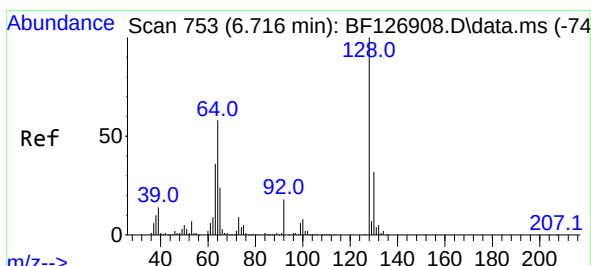
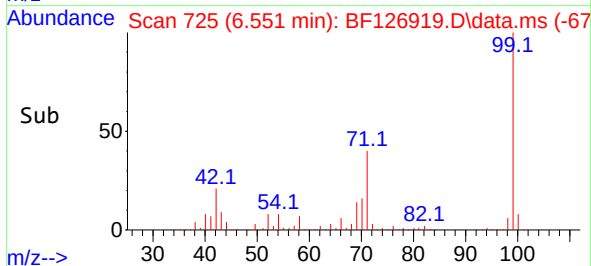
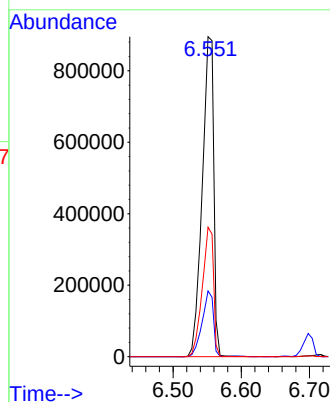
Tgt Ion: 99 Resp: 104859
Ion Ratio Lower Upper
99 100
42 20.5 14.2 21.4
71 40.5 24.3 36.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

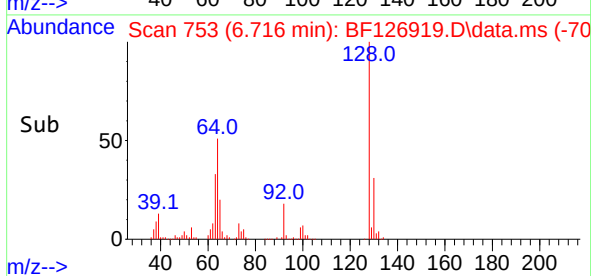
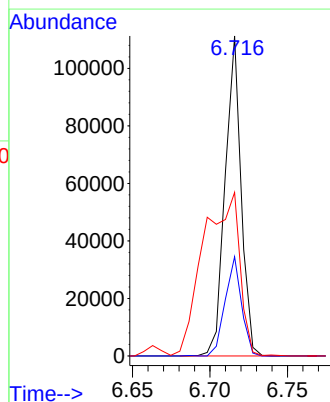
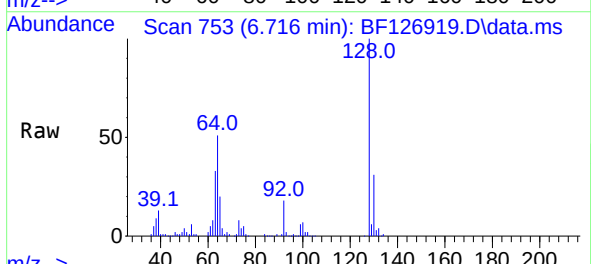
Supervised By :Jagrut
Upadhyay 02/17/2022

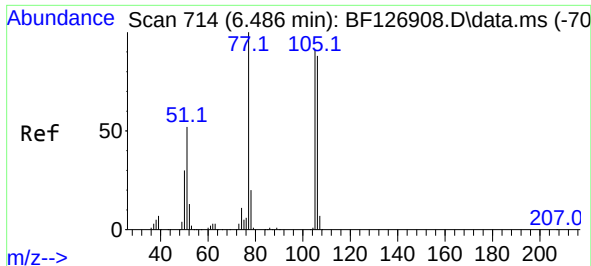
02/17/2022



#8
2-Chlorophenol
Concen: 9.841 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

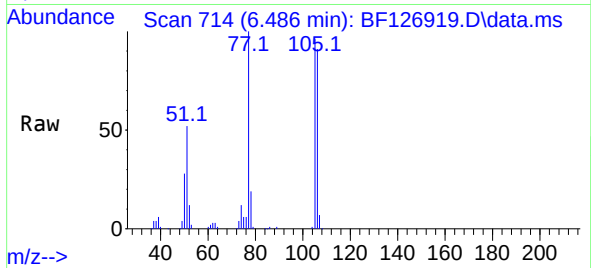
Tgt Ion:128 Resp: 79601
Ion Ratio Lower Upper
128 100
130 31.0 12.7 52.7
64 51.1 35.6 75.6





#9
Benzaldehyde
Concen: 11.301 ng
RT: 6.486 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



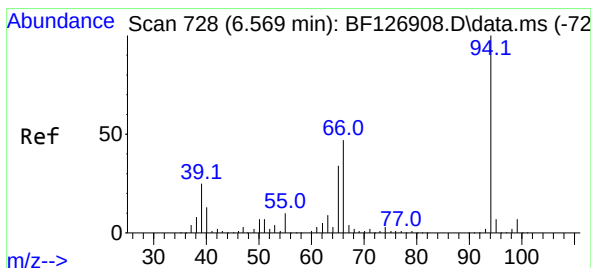
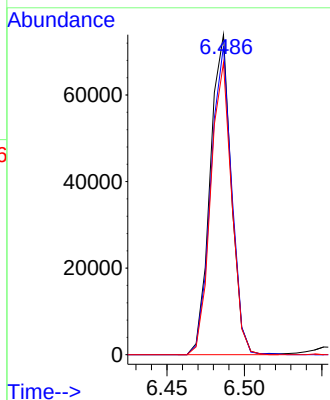
Tgt Ion: 77 Resp: 6997
Ion Ratio Lower Upper
77 100
105 96.4 74.9 114.9
106 91.2 72.4 112.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

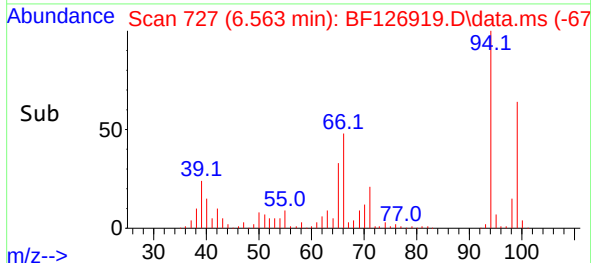
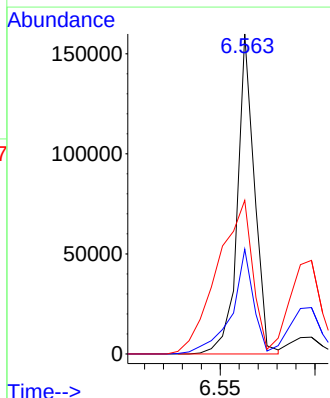
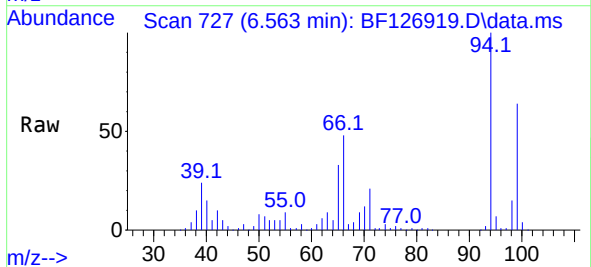
Supervised By :Jagrut Upadhyay
02/17/2022

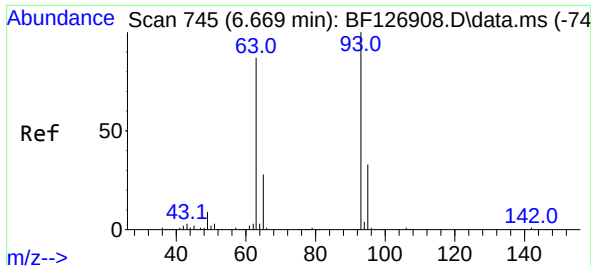
02/17/2022



#10
Phenol
Concen: 9.713 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

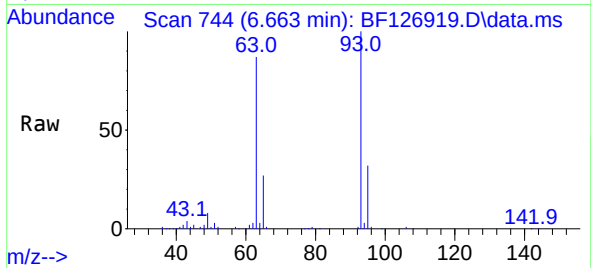
Tgt Ion: 94 Resp: 99832
Ion Ratio Lower Upper
94 100
65 32.8 7.2 47.2
66 48.0 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 9.742 ng
RT: 6.663 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



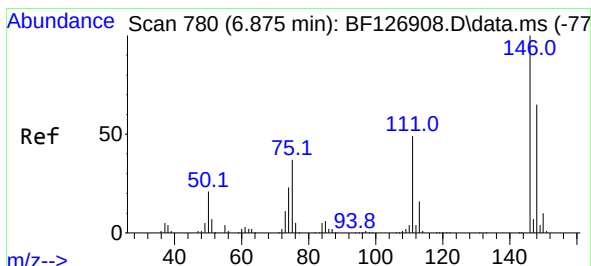
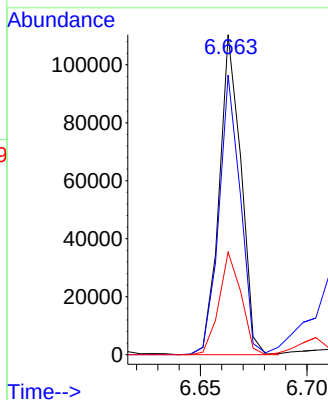
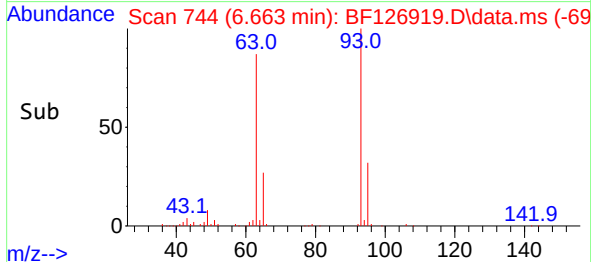
Tgt Ion: 93 Resp: 78539
Ion Ratio Lower Upper
93 100
63 87.3 60.5 100.5
95 32.1 12.9 52.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

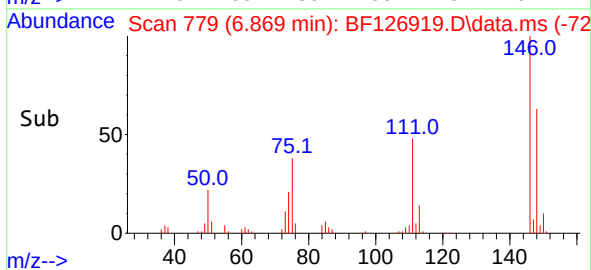
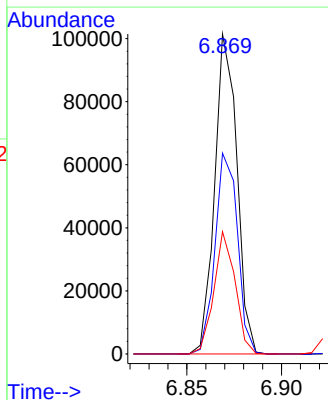
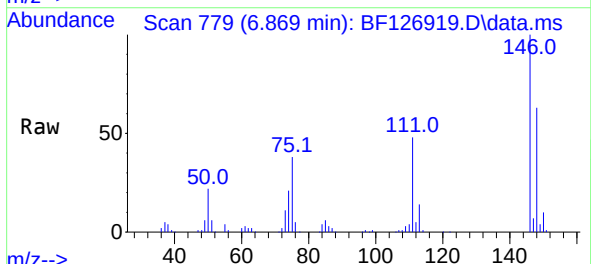
Supervised By :Jagrut Upadhyay 02/17/2022

02/17/2022

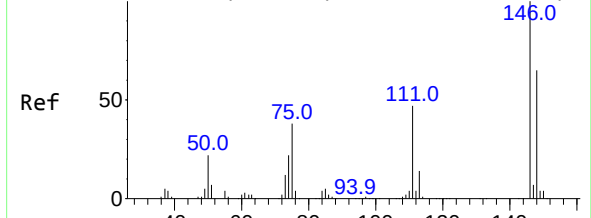


#12
1,3-Dichlorobenzene
Concen: 9.492 ng
RT: 6.869 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:146 Resp: 82822
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
75 38.2 28.4 42.6

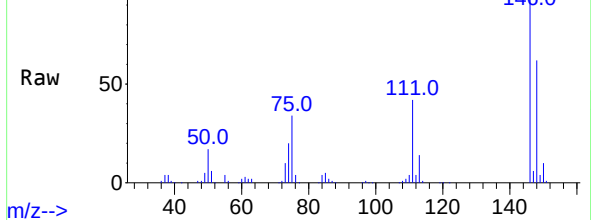


Abundance Scan 793 (6.951 min): BF126908.D\data.ms (-78



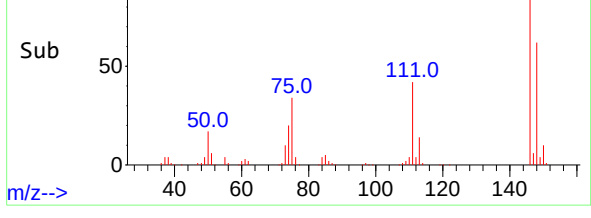
m/z-->

Abundance Scan 793 (6.951 min): BF126919.D\data.ms



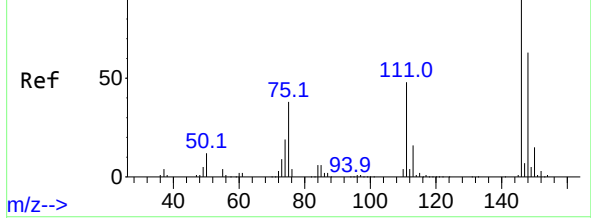
m/z-->

Abundance Scan 793 (6.951 min): BF126919.D\data.ms (-74



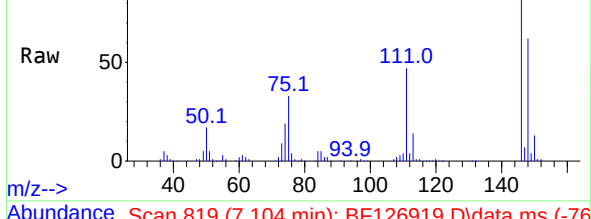
m/z-->

Abundance Scan 819 (7.104 min): BF126908.D\data.ms (-81



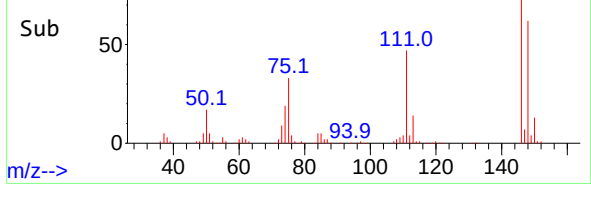
m/z-->

Abundance Scan 819 (7.104 min): BF126919.D\data.ms



m/z-->

Abundance Scan 819 (7.104 min): BF126919.D\data.ms (-76



m/z-->

#13

1,4-Dichlorobenzene

Concen: 9.649 ng

RT: 6.951 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:146 Resp: 85350

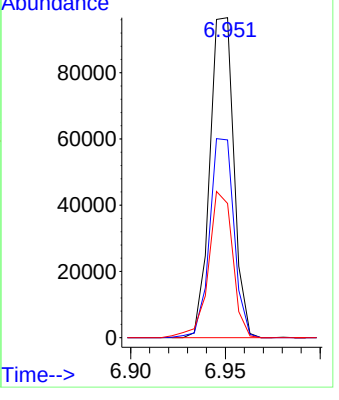
Ion Ratio Lower Upper

146 100

148 61.8 49.8 74.6

111 42.0 36.1 54.1

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 9.514 ng

RT: 7.104 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:146 Resp: 80258

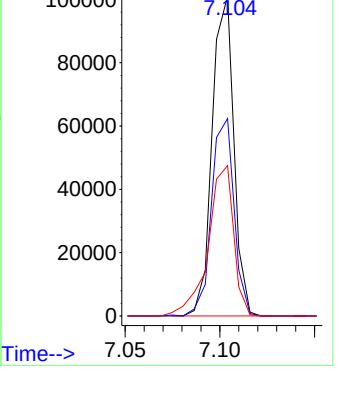
Ion Ratio Lower Upper

146 100

148 61.7 51.6 77.4

111 47.0 40.2 60.2

Abundance



Time-->

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/17/2022

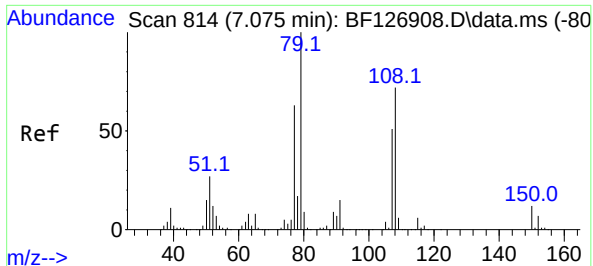
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut

Upadhyay 02/17/2022

02/17/2022

02/17/2022



#15

Benzyl Alcohol

Concen: 10.518 ng

RT: 7.063 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion: 79 Resp: 9013

Ion Ratio Lower Upper

79 100

108 74.3 63.2 94.8

77 65.5 49.4 74.2

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

Manual Integrations

APPROVED

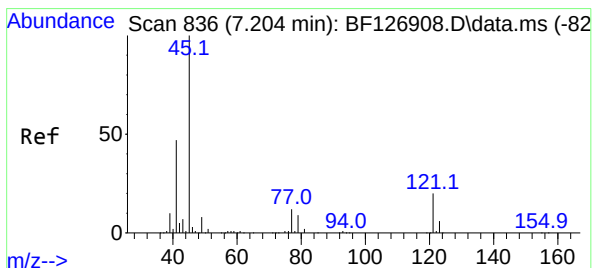
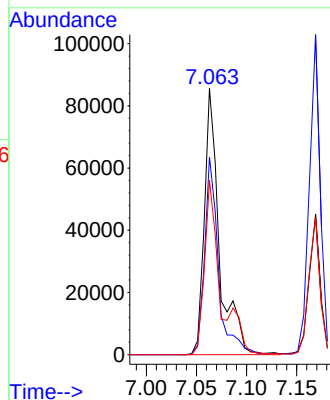
Reviewed By :Christian Giraldo 02/17/2022

Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut

Upadhyay 02/17/2022

02/17/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.505 ng

RT: 7.198 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

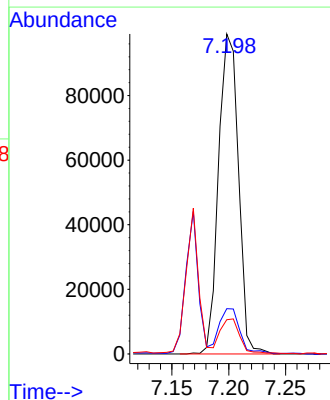
Tgt Ion: 45 Resp: 120657

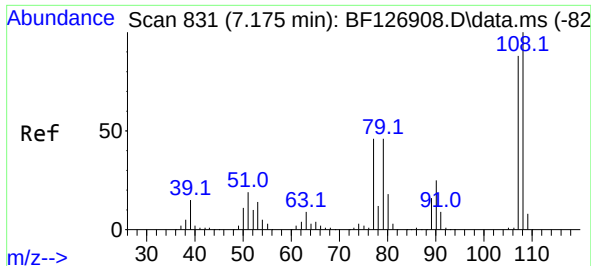
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.4

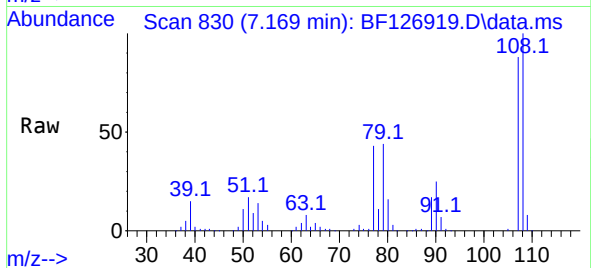
79 10.7 0.0 29.8





#17
2-Methylphenol
Concen: 9.851 ng
RT: 7.169 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:107 Resp: 68939

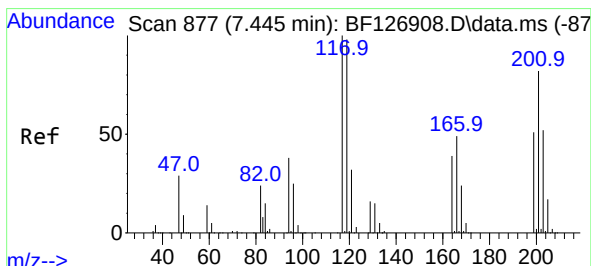
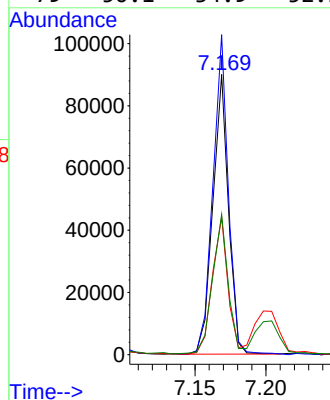
Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.4	140.0
77	49.0	36.1	54.1
79	50.1	34.9	52.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut Upadhyay 02/17/2022

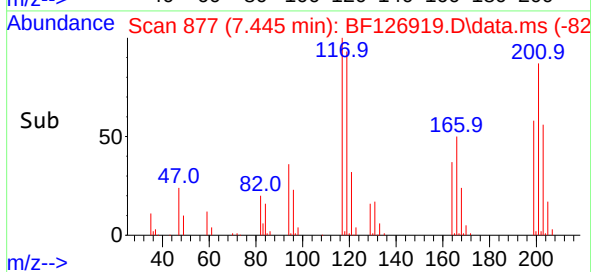
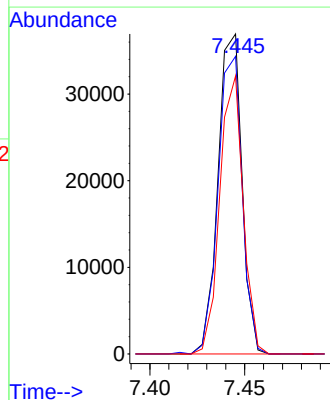
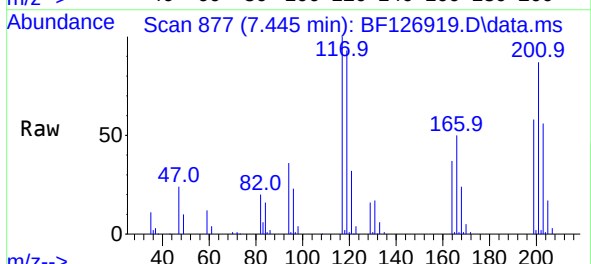
02/17/2022

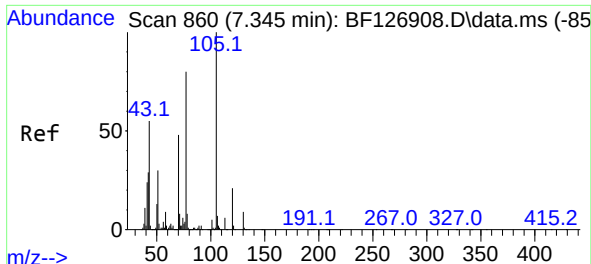


#18
Hexachloroethane
Concen: 9.600 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:117 Resp: 32550

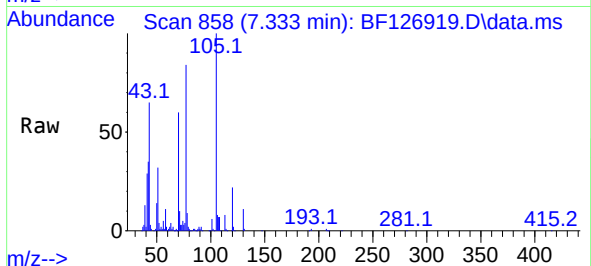
Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.4	113.0
201	86.8	56.8	85.2





#19
n-Nitroso-di-n-propylamine
Concen: 10.497 ng
RT: 7.333 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 70 Resp: 6880

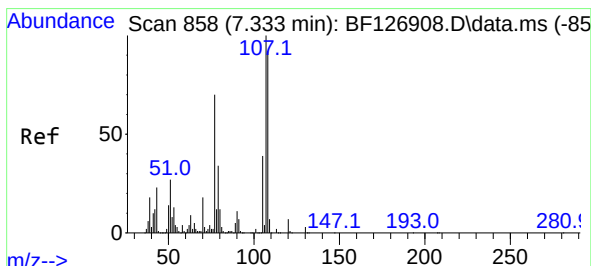
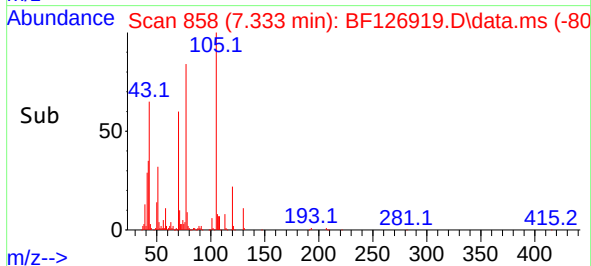
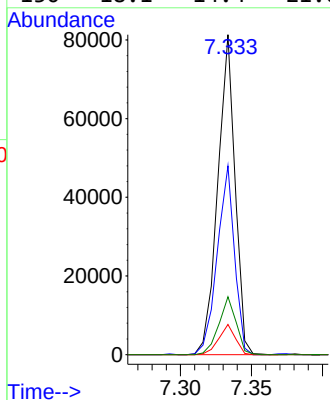
Ion	Ratio	Lower	Upper
70	100		
42	59.0	45.8	68.8
101	9.5	6.9	10.3
130	18.1	14.4	21.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut Upadhyay 02/17/2022

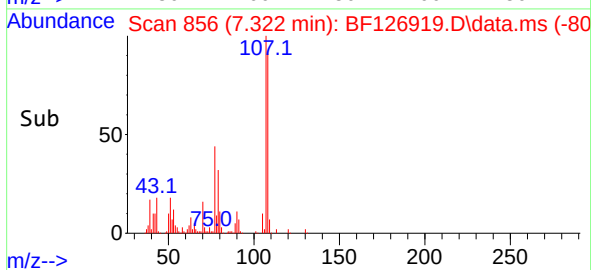
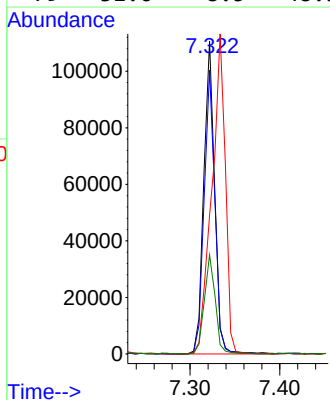
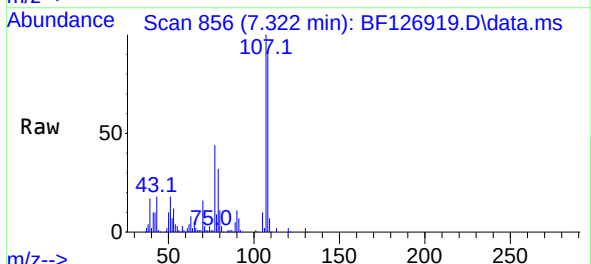
02/17/2022

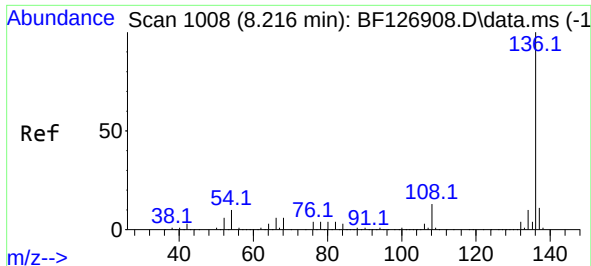


#20
3+4-Methylphenols
Concen: 10.230 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:107 Resp: 92966

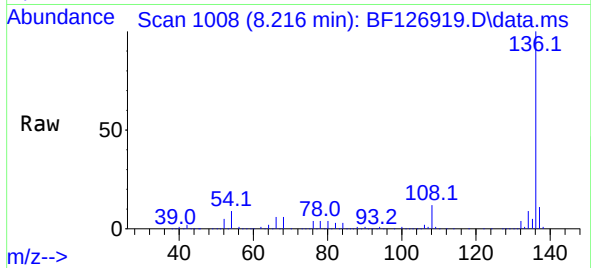
Ion	Ratio	Lower	Upper
107	100		
108	90.8	72.4	112.4
77	44.2	83.8	123.8
79	31.6	8.5	48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

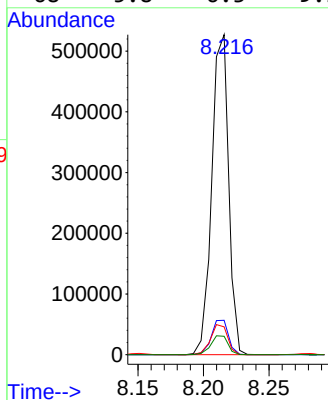
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:136 Resp: 471405
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.8 11.6
68 5.8 6.3 9.5#

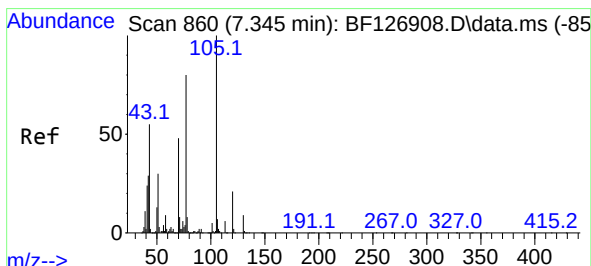
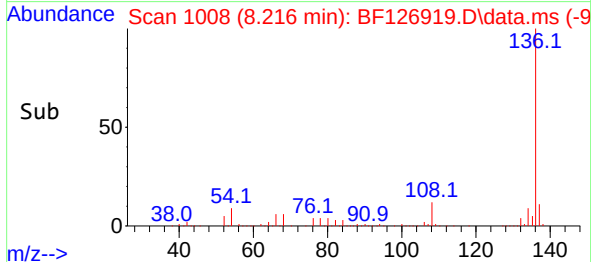
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



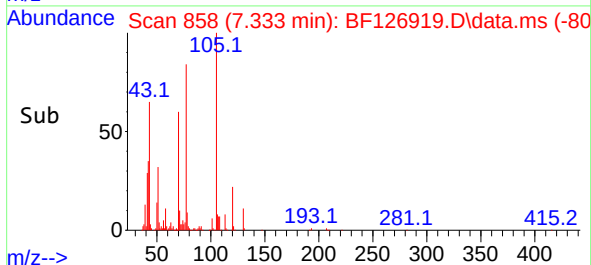
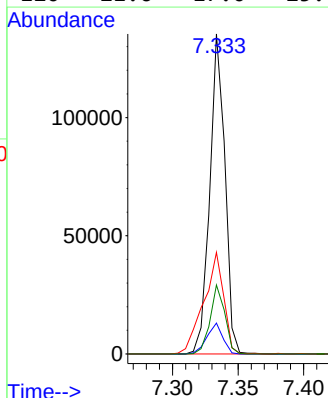
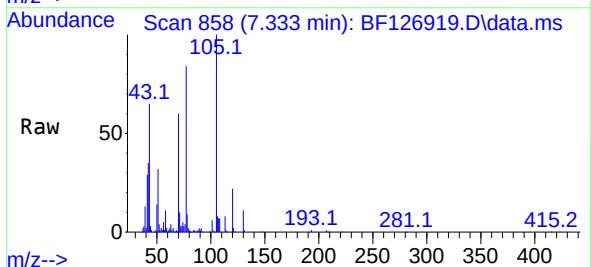
Supervised By :Jagrut
Upadhyay 02/17/2022

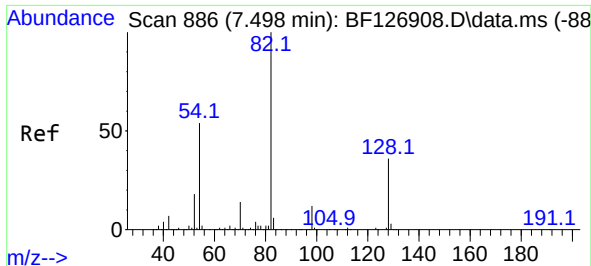
02/17/2022



#22
Acetophenone
Concen: 8.785 ng
RT: 7.333 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

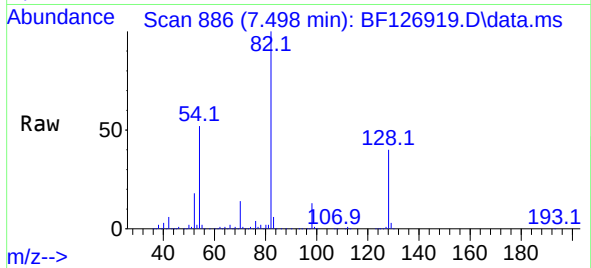
Tgt Ion:105 Resp: 109033
Ion Ratio Lower Upper
105 100
71 9.7 5.4 8.0#
51 31.7 27.4 41.0
120 21.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 71.080 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



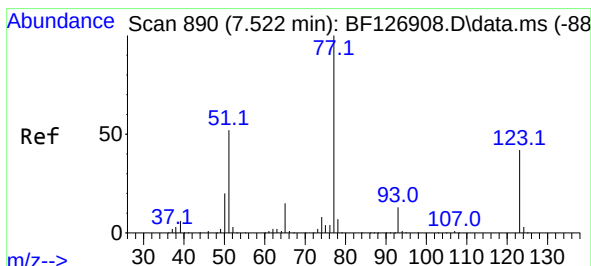
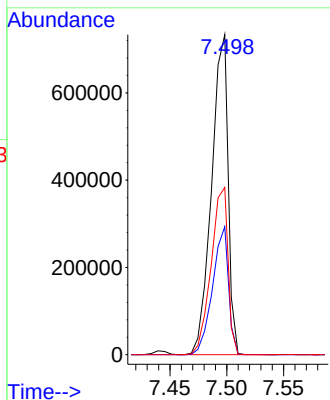
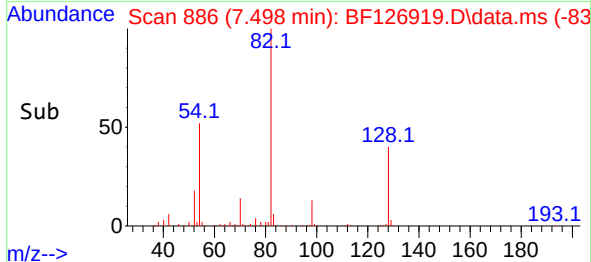
Tgt Ion: 82 Resp: 74234
Ion Ratio Lower Upper
82 100
128 40.0 32.7 49.1
54 52.3 41.7 62.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

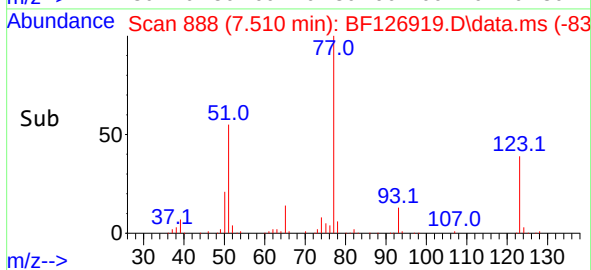
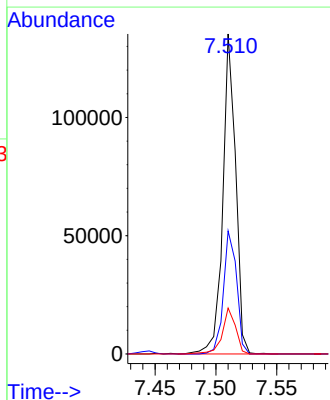
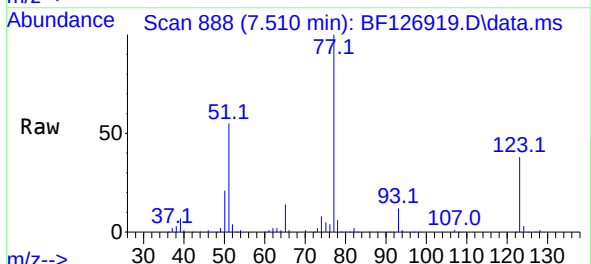
Supervised By :Jagrut Upadhyay
02/17/2022

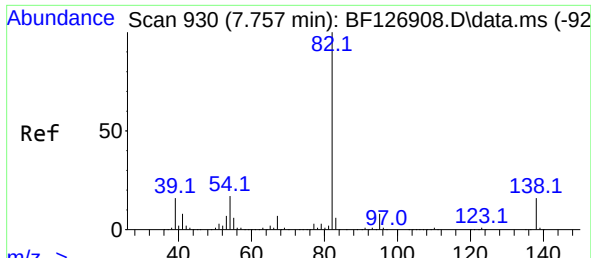
02/17/2022



#24
Nitrobenzene
Concen: 10.086 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

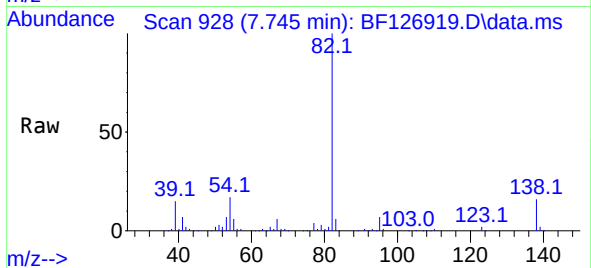
Tgt Ion: 77 Resp: 99510
Ion Ratio Lower Upper
77 100
123 38.4 34.6 52.0
65 14.3 10.6 15.8





#25
Isophorone
Concen: 10.614 ng
RT: 7.745 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



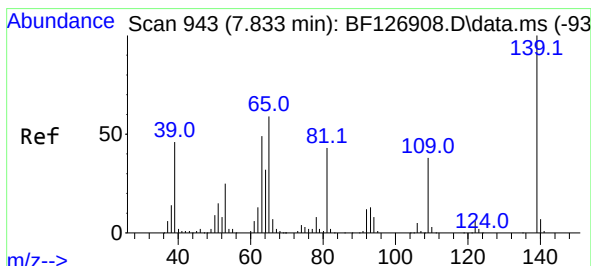
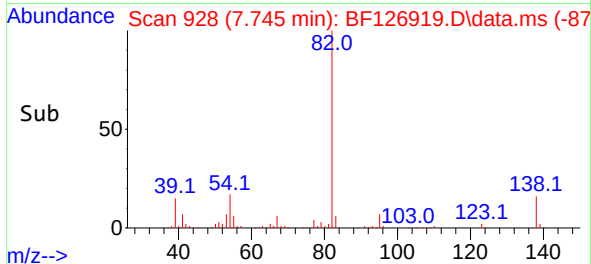
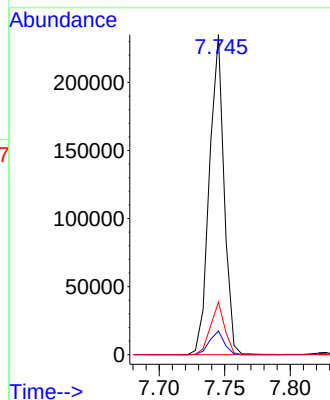
Tgt Ion: 82 Resp: 183424
Ion Ratio Lower Upper
82 100
95 7.4 5.0 7.4
138 16.5 12.3 18.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

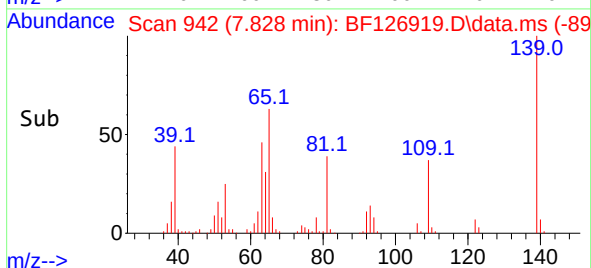
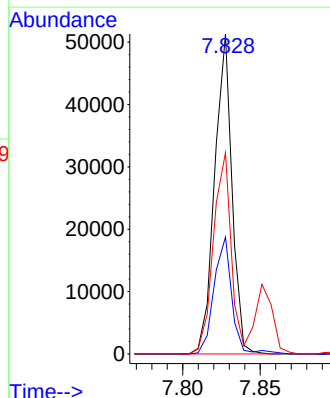
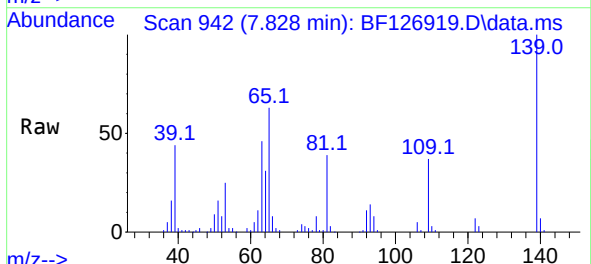
Supervised By :Jagrut
Upadhyay 02/17/2022

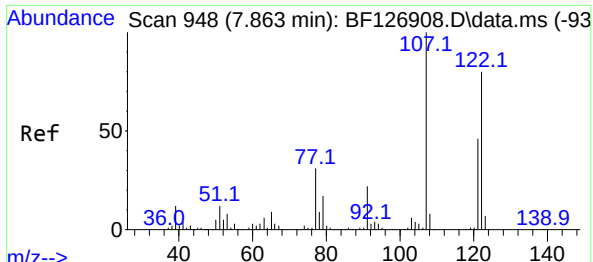
02/17/2022



#26
2-Nitrophenol
Concen: 9.520 ng
RT: 7.828 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

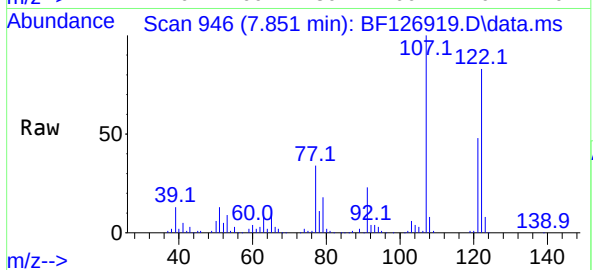
Tgt Ion:139 Resp: 39989
Ion Ratio Lower Upper
139 100
109 36.6 20.0 30.0#
65 62.9 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 11.147 ng
RT: 7.851 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

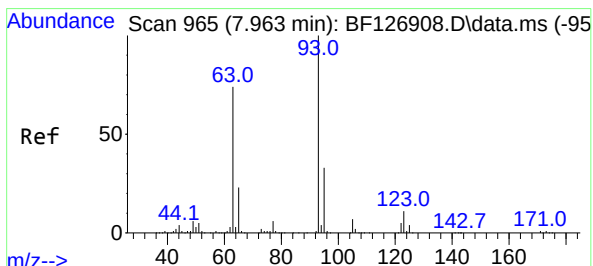
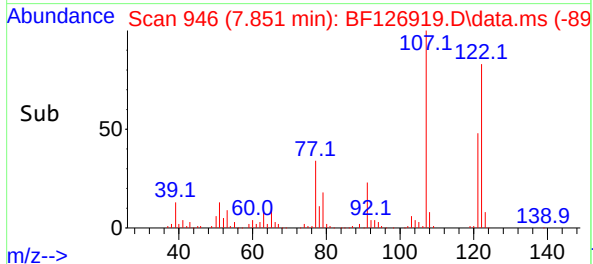
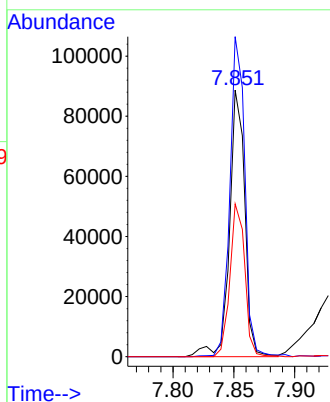


Tgt Ion:122 Resp: 76920
Ion Ratio Lower Upper
122 100
107 120.1 91.2 136.8
121 57.3 44.4 66.6

Manual Integrations
APPROVED

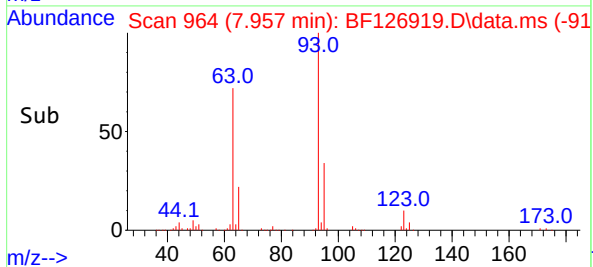
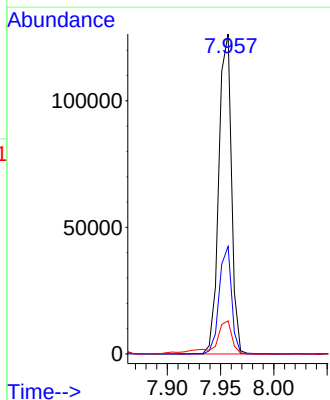
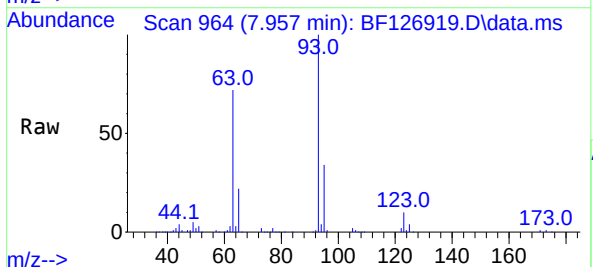
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

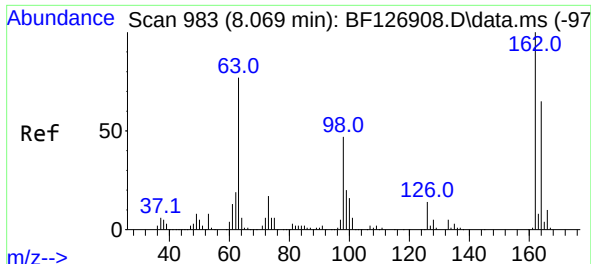
Supervised By :Jagrut Upadhyay
02/17/2022



#28
bis(2-Chloroethoxy)methane
Concen: 9.942 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion: 93 Resp: 104164
Ion Ratio Lower Upper
93 100
95 33.6 25.4 38.2
123 10.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 9.764 ng

RT: 8.063 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

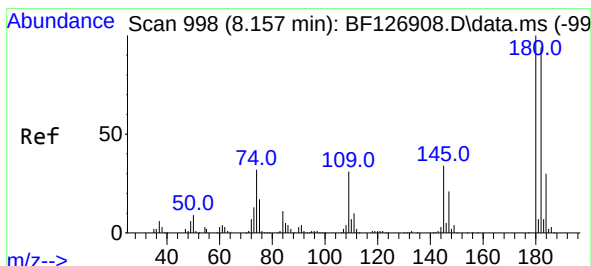
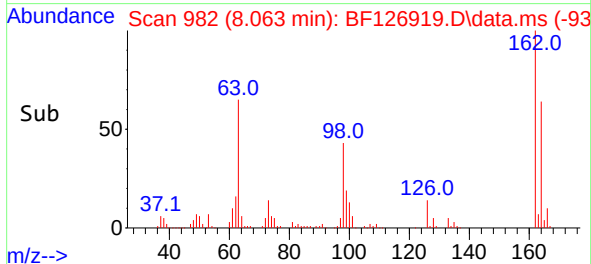
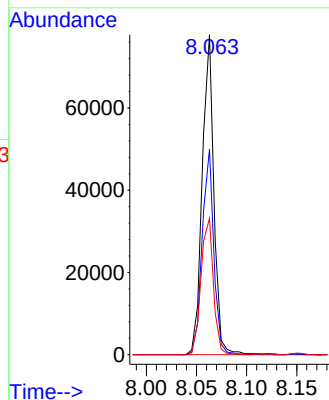
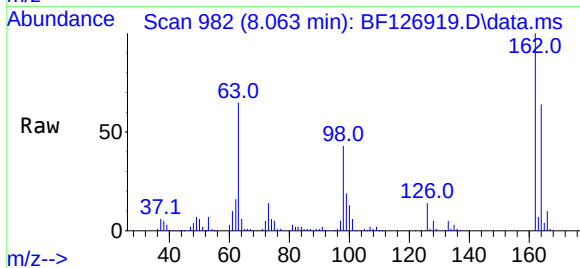
LOQ-WATER-02-QT4-2021

Tgt Ion:162 Resp: 63349
 Ion Ratio Lower Upper
 162 100
 164 64.3 43.8 83.8
 98 42.6 23.6 63.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/17/2022
 Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut Upadhyay
 02/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 9.746 ng

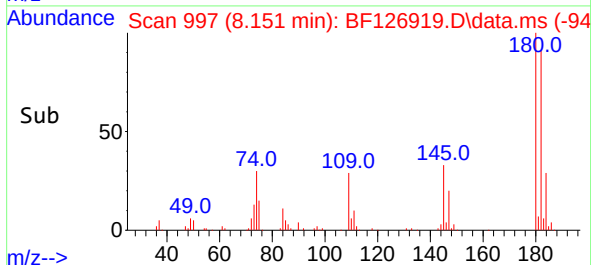
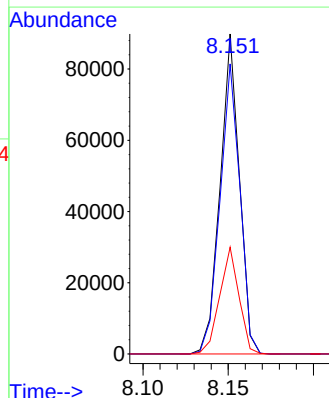
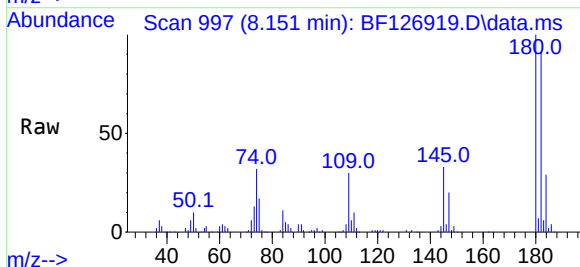
RT: 8.151 min Scan# 997

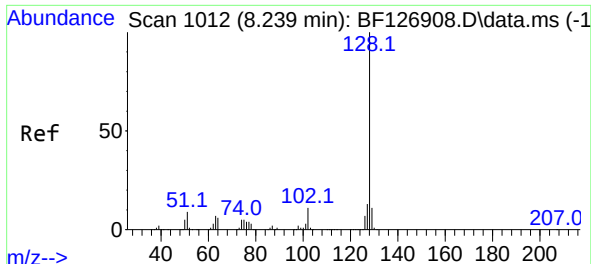
Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

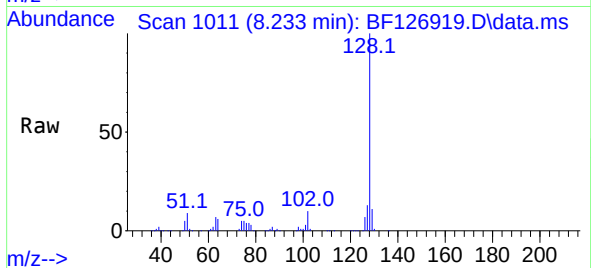
Tgt Ion:180 Resp: 70688
 Ion Ratio Lower Upper
 180 100
 182 90.7 75.5 113.3
 145 33.4 26.2 39.2





#31
Naphthalene
Concen: 10.131 ng
RT: 8.233 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2021



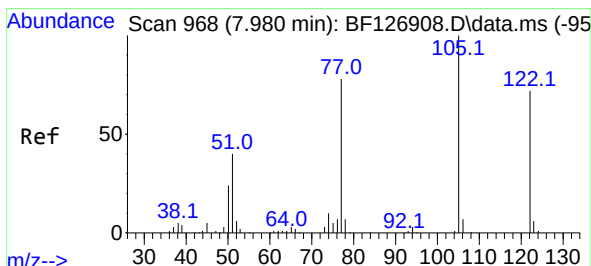
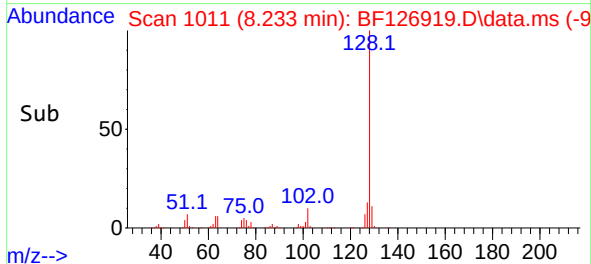
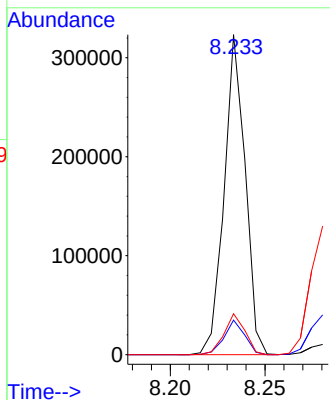
Tgt Ion:128 Resp: 249305
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.8 10.3 15.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

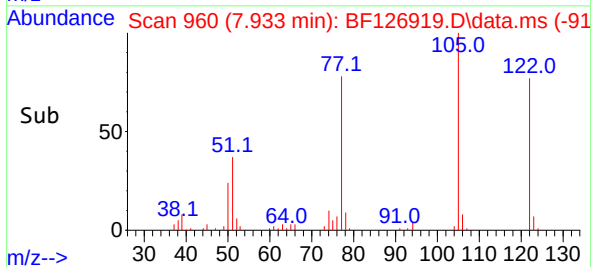
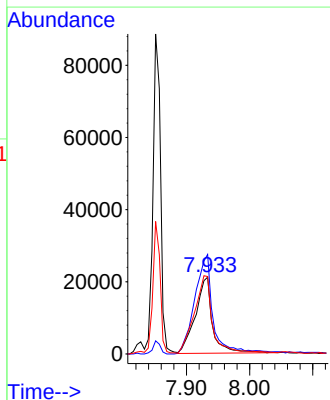
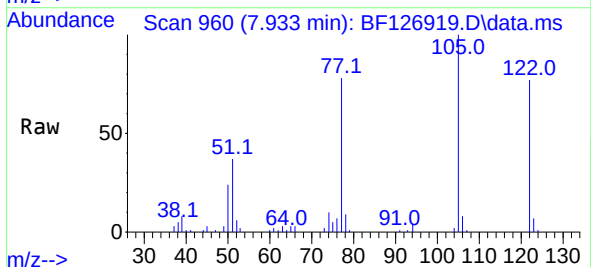
Supervised By :Jagrut Upadhyay 02/17/2022

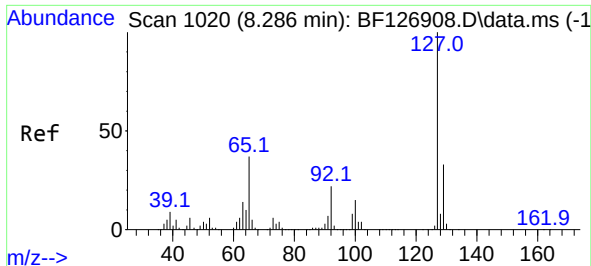
02/17/2022



#32
Benzoic acid
Concen: 8.141 ng
RT: 7.933 min Scan# 960
Delta R.T. -0.047 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:122 Resp: 39843
Ion Ratio Lower Upper
122 100
105 129.6 101.0 141.0
77 100.9 74.5 114.5





#33
4-Chloroaniline
Concen: 10.504 ng
RT: 8.280 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:127 Resp: 101738

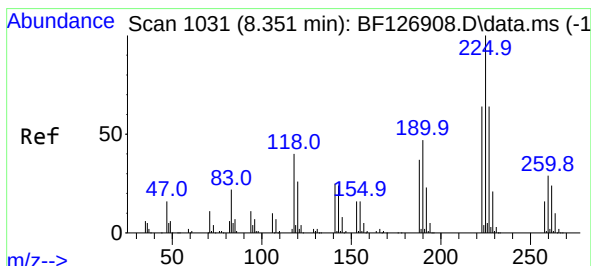
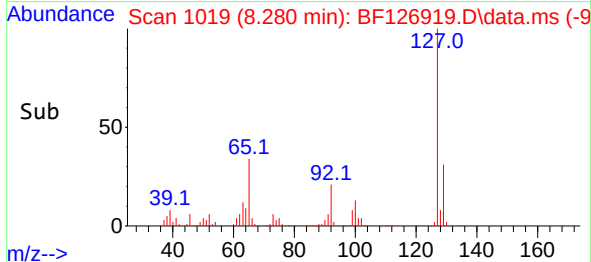
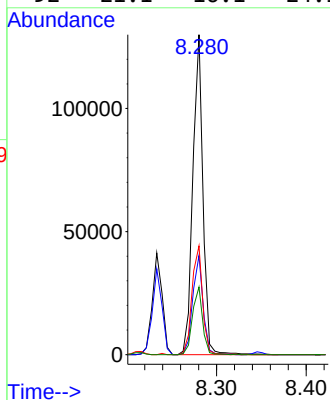
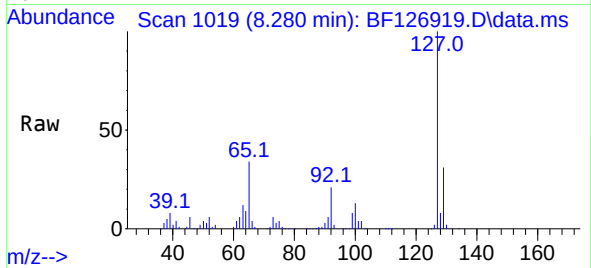
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.5	39.7
65	34.0	26.6	39.8
92	21.1	16.1	24.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut Upadhyay 02/17/2022

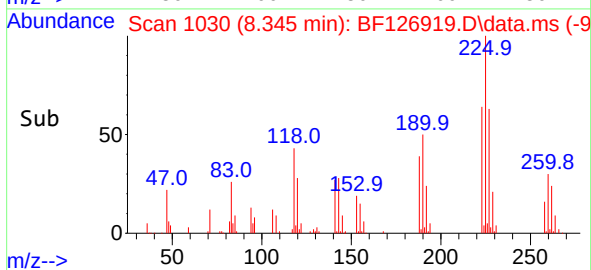
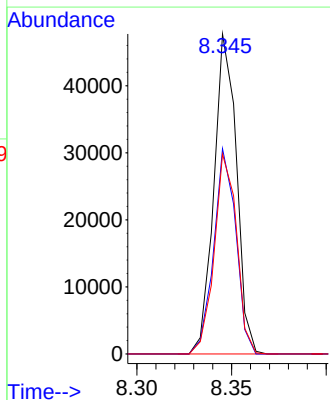
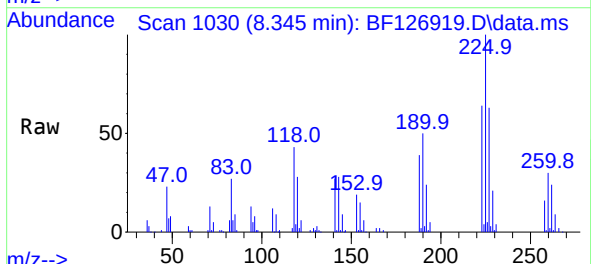
02/17/2022

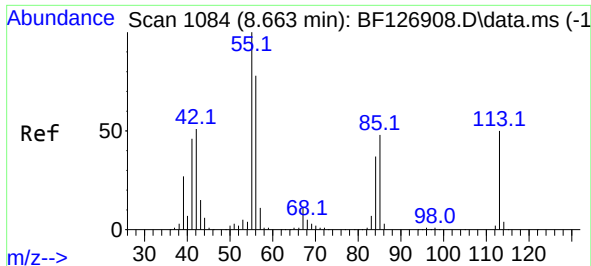


#34
Hexachlorobutadiene
Concen: 9.341 ng
RT: 8.345 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:225 Resp: 39557

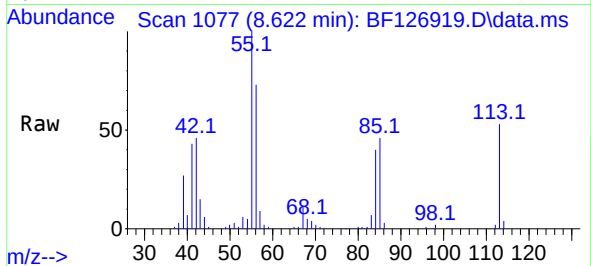
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.6	73.0
227	62.5	51.4	77.0





#35
Caprolactam
Concen: 8.881 ng
RT: 8.622 min Scan# 1099
Delta R.T. -0.041 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

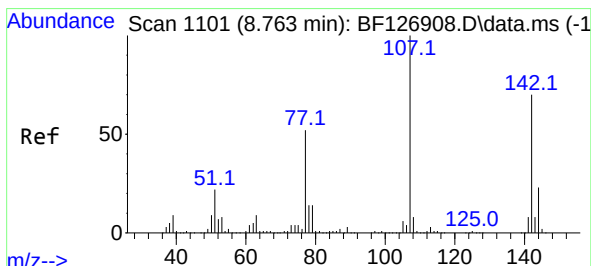
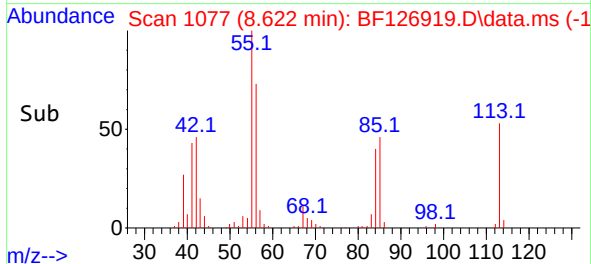
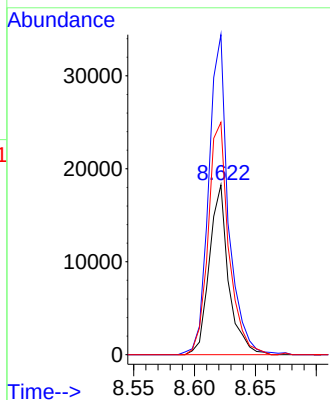


Tgt Ion:113 Resp: 2012
Ion Ratio Lower Upper
113 100
55 188.5 183.9 223.9
56 136.8 129.9 169.9

Manual Integrations
APPROVED

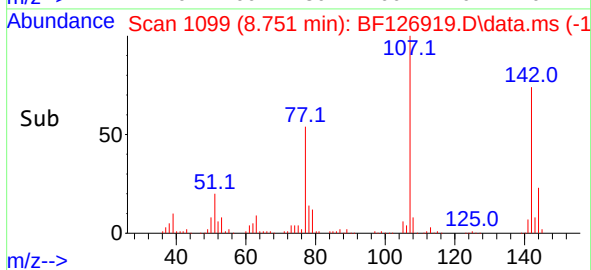
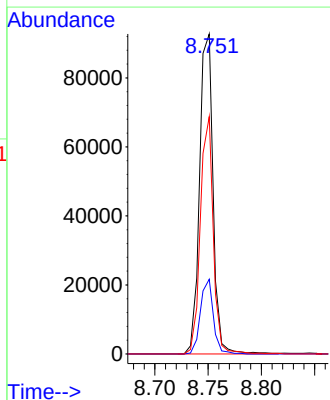
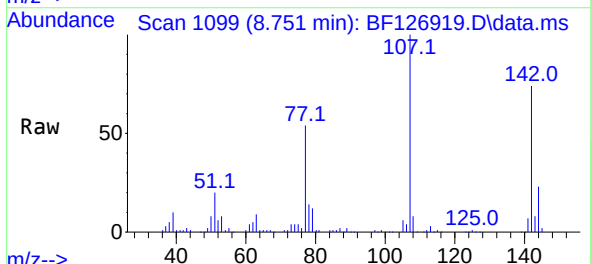
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

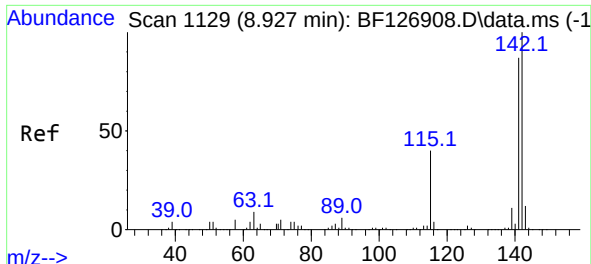
Supervised By :Jagrut Upadhyay
02/17/2022



#36
4-Chloro-3-methylphenol
Concen: 9.915 ng
RT: 8.751 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:107 Resp: 82209
Ion Ratio Lower Upper
107 100
144 23.3 18.5 27.7
142 74.2 58.1 87.1





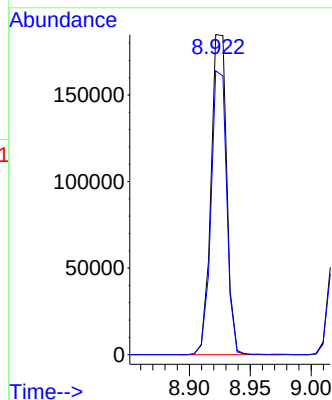
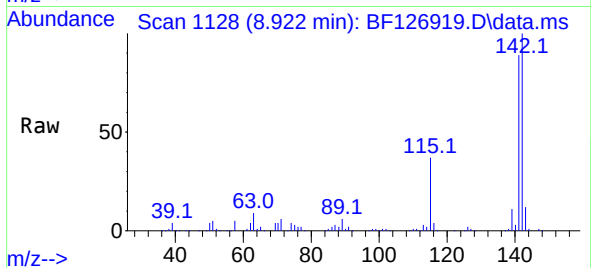
#37
2-Methylnaphthalene
Concen: 10.385 ng
RT: 8.922 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:142 Resp: 16583
Ion Ratio Lower Upper
142 100
141 88.7 68.6 102.8

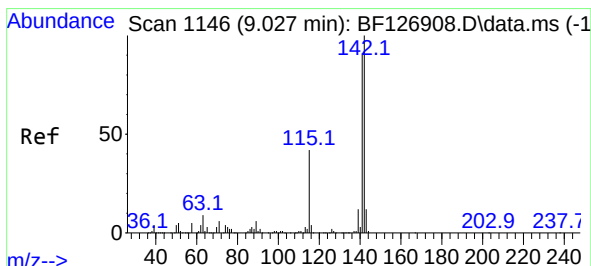
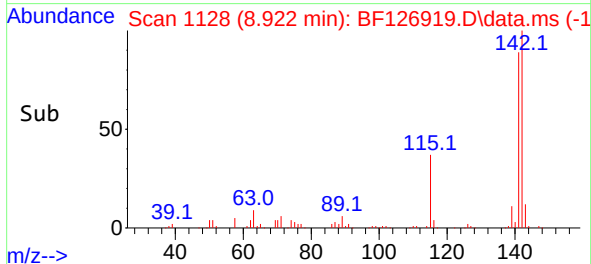
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



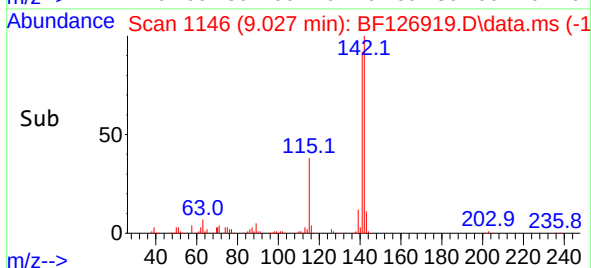
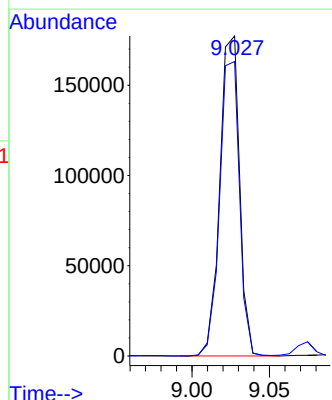
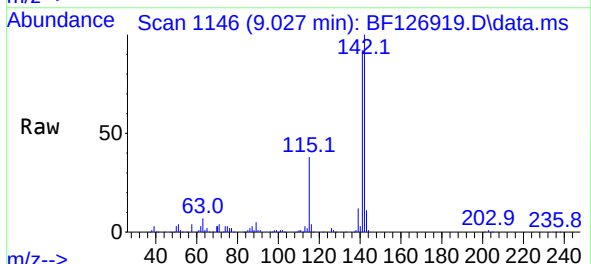
Supervised By :Jagrut
Upadhyay
02/17/2022

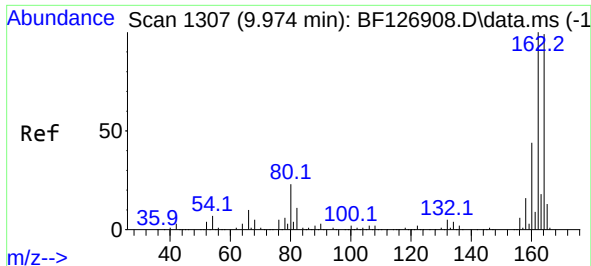
02/17/2022



#38
1-Methylnaphthalene
Concen: 10.272 ng
RT: 9.027 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

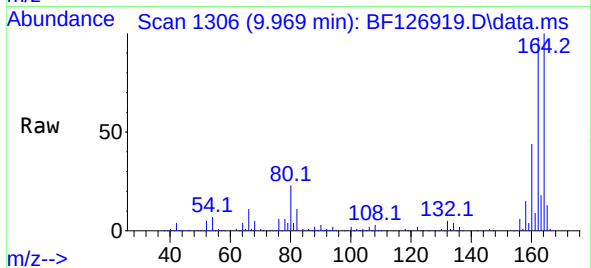
Tgt Ion:142 Resp: 157067
Ion Ratio Lower Upper
142 100
141 92.0 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



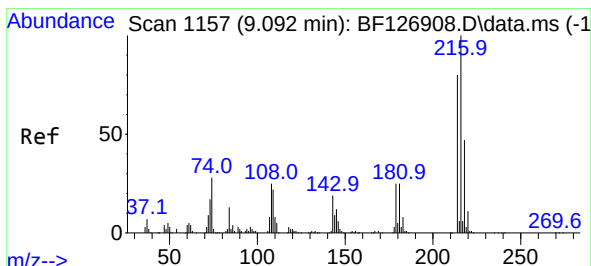
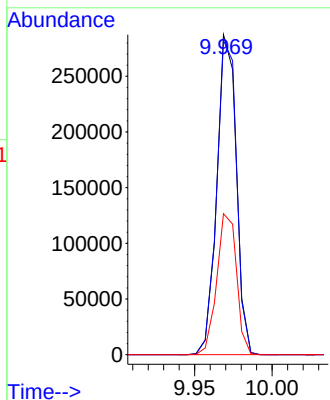
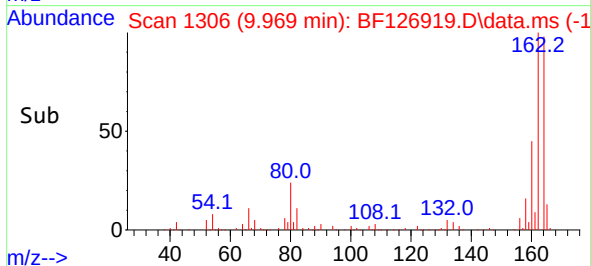
Tgt Ion:164 Resp: 250597
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 44.0 36.6 54.8

Manual Integrations
APPROVED

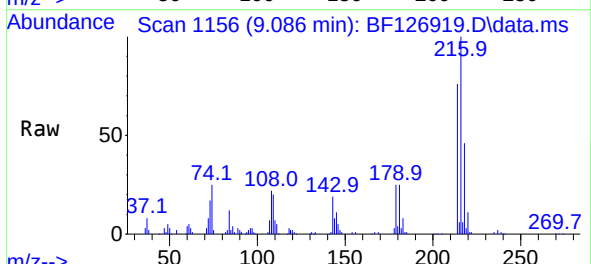
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut Upadhyay
02/17/2022

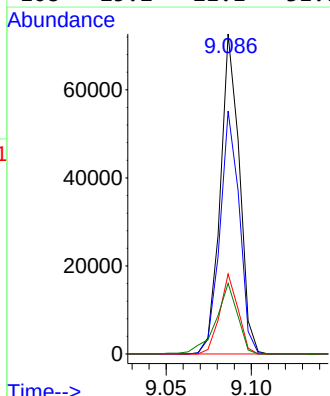
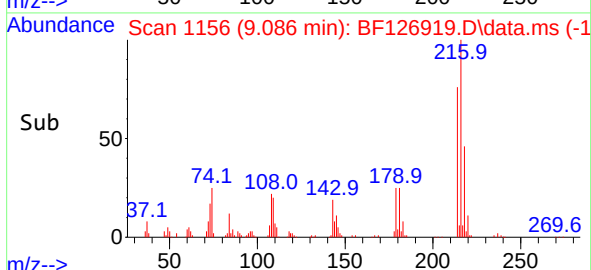
02/17/2022

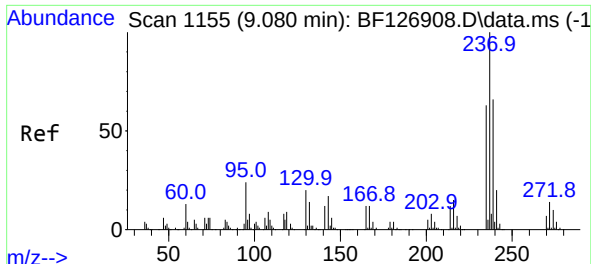


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.585 ng
RT: 9.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34



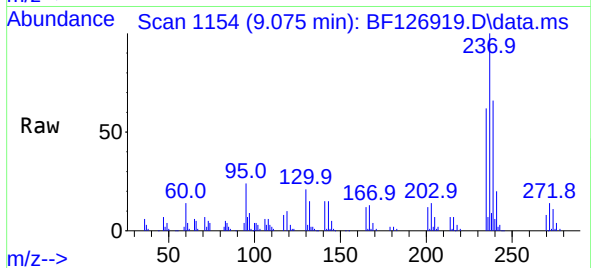
Tgt Ion:216 Resp: 56631
Ion Ratio Lower Upper
216 100
214 76.9 64.6 96.8
179 24.0 19.5 29.3
108 25.2 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 10.359 ng
RT: 9.075 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



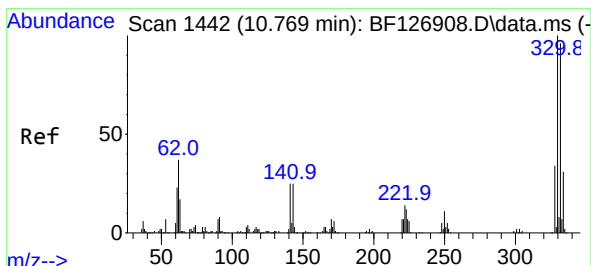
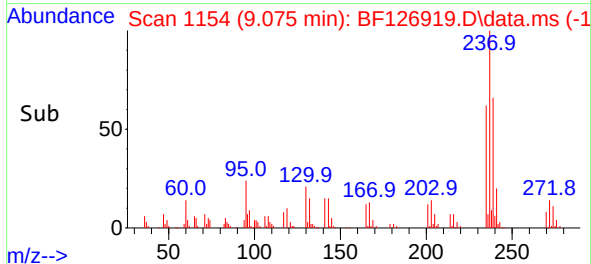
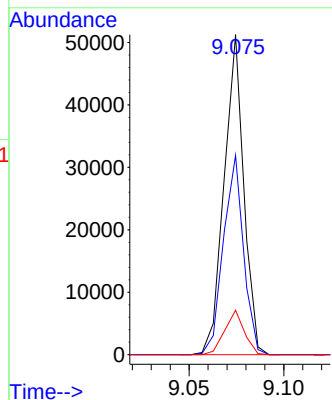
Tgt Ion:237 Resp: 3706
Ion Ratio Lower Upper
237 100
235 62.3 38.9 78.9
272 13.9 0.0 33.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

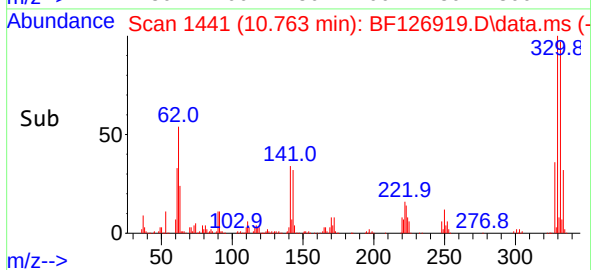
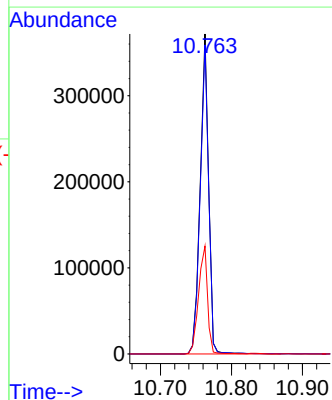
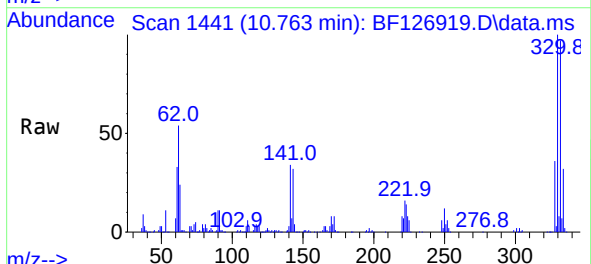
Supervised By :Jagrut
Upadhyay 02/17/2022

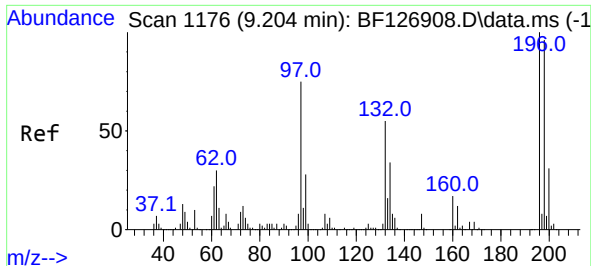
02/17/2022



#42
2,4,6-Tribromophenol
Concen: 106.920 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

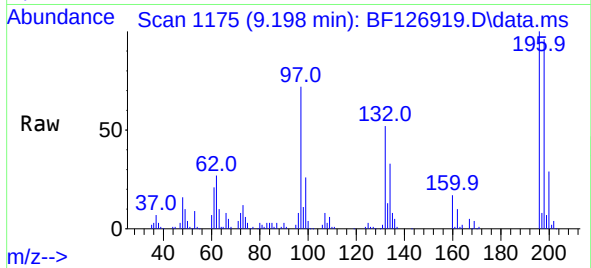
Tgt Ion:330 Resp: 308495
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 36.0 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 9.188 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

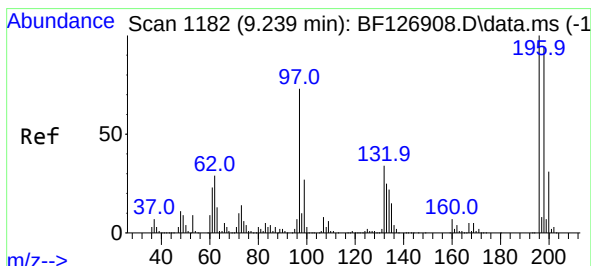
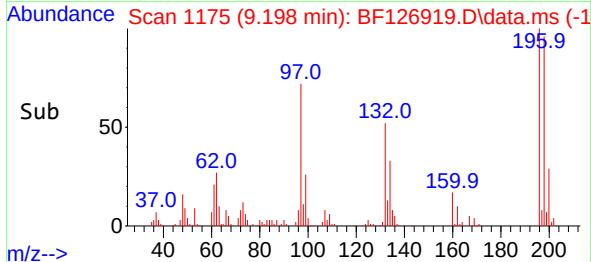
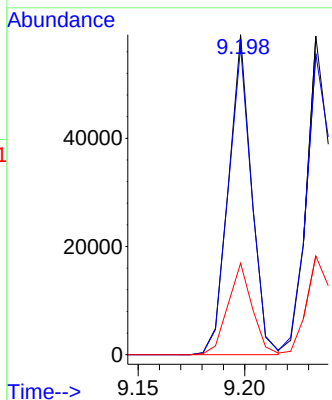


Tgt Ion:196 Resp: 44452
Ion Ratio Lower Upper
196 100
198 96.4 78.5 117.7
200 28.6 24.9 37.3

Manual Integrations
APPROVED

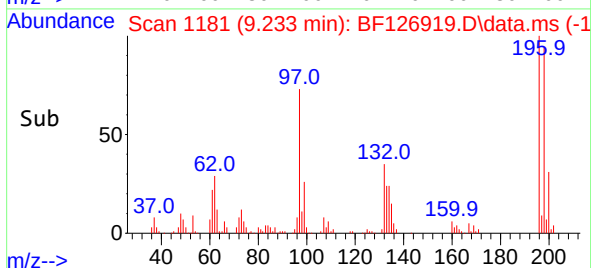
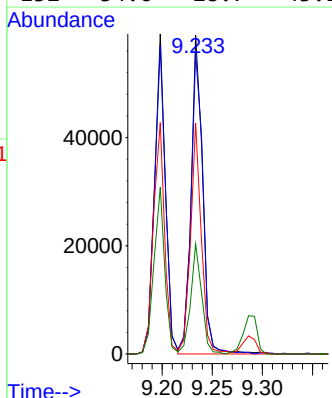
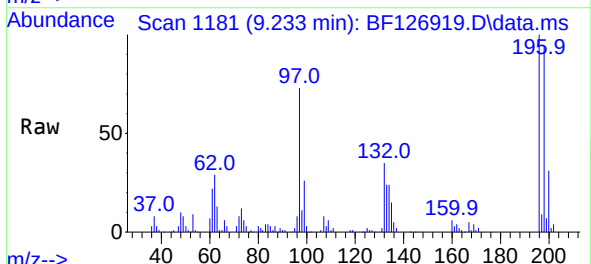
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

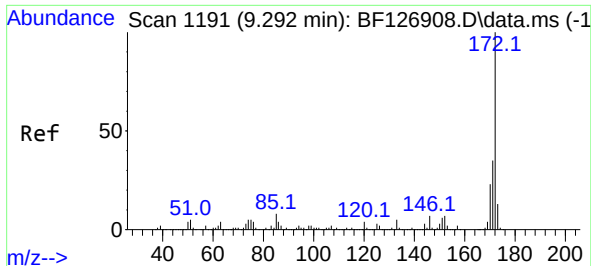
Supervised By :Jagrut Upadhyay
02/17/2022



#44
2,4,5-Trichlorophenol
Concen: 9.175 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

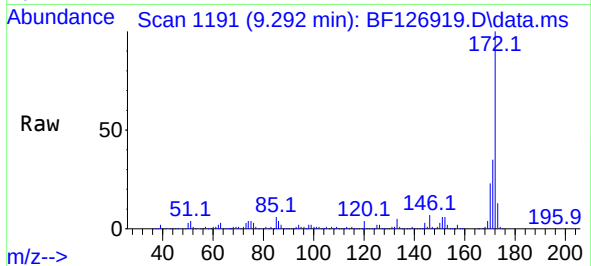
Tgt Ion:196 Resp: 46712
Ion Ratio Lower Upper
196 100
198 94.5 82.0 123.0
97 72.5 53.5 80.3
132 34.6 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 69.380 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



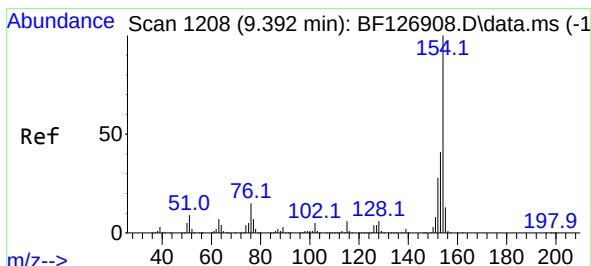
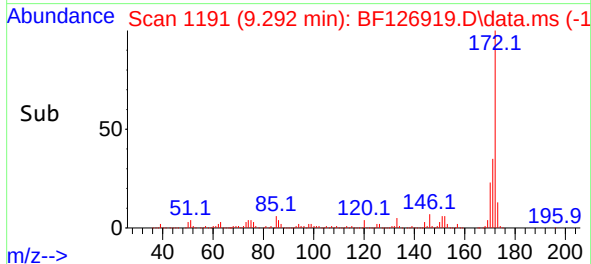
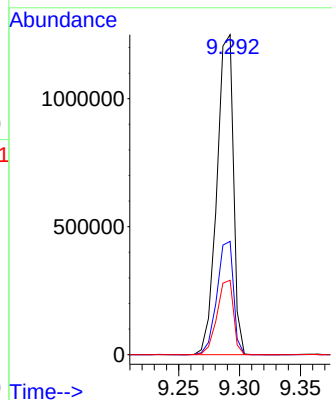
Tgt Ion:172 Resp: 1181010
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.3 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

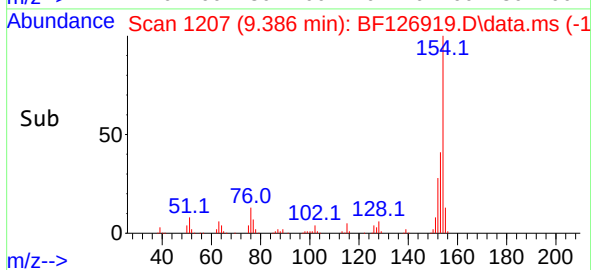
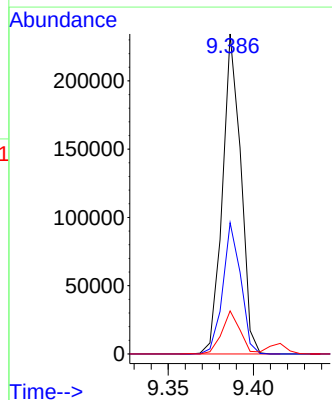
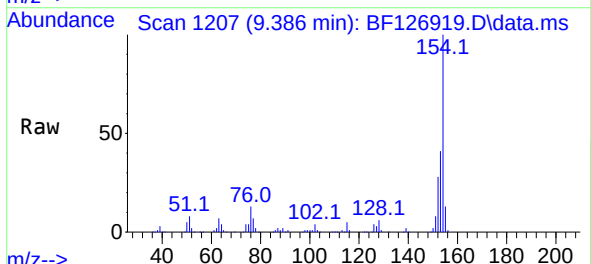
Supervised By :Jagrut
Upadhyay 02/17/2022

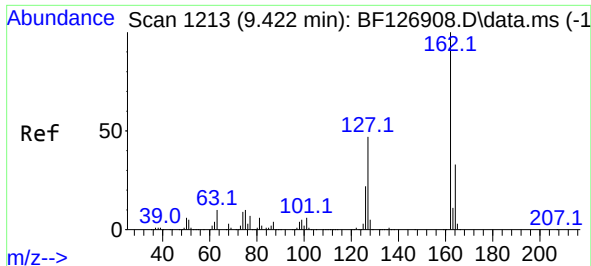
02/17/2022



#46
1,1'-Biphenyl
Concen: 8.810 ng
RT: 9.386 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

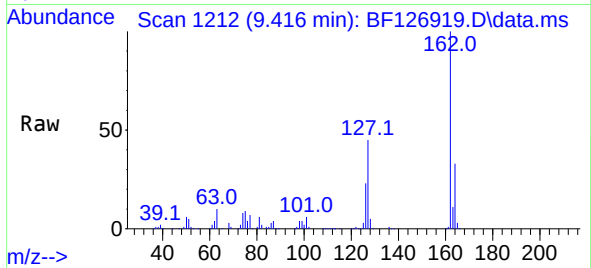
Tgt Ion:154 Resp: 174915
Ion Ratio Lower Upper
154 100
153 41.0 19.0 59.0
76 13.4 0.0 34.5





#47
2-Chloronaphthalene
Concen: 9.932 ng
RT: 9.416 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



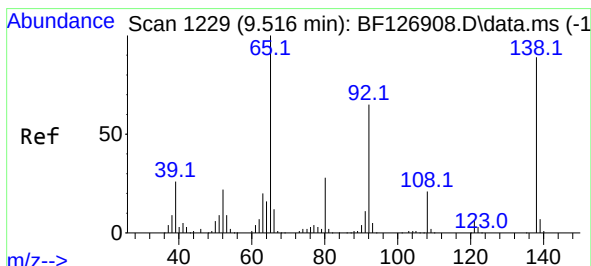
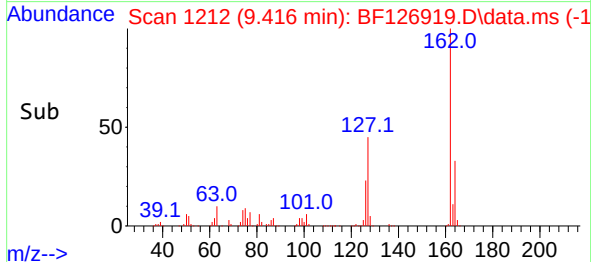
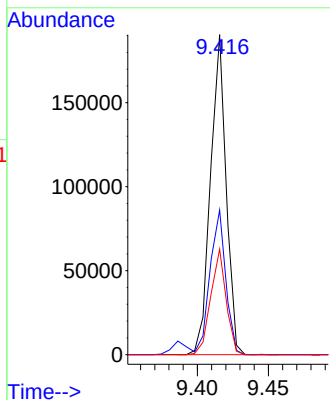
Tgt Ion:162 Resp: 146225
Ion Ratio Lower Upper
162 100
127 45.2 33.5 50.3
164 33.0 26.2 39.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

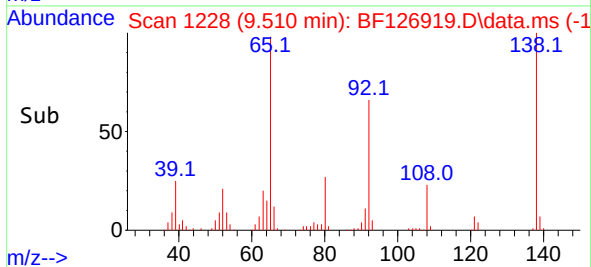
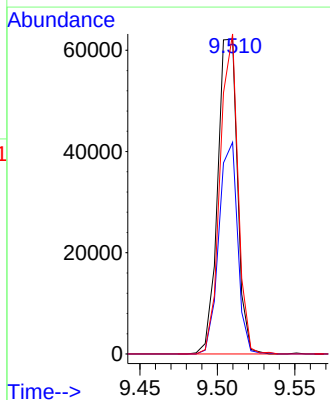
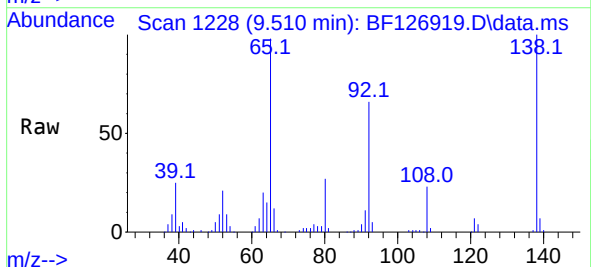
Supervised By :Jagrut
Upadhyay 02/17/2022

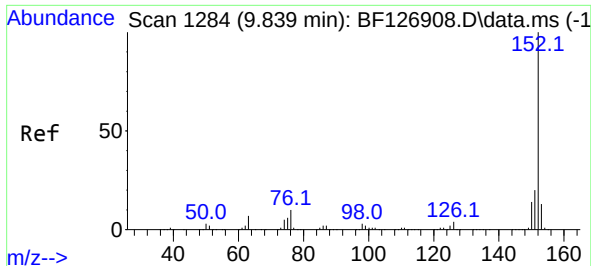
02/17/2022



#48
2-Nitroaniline
Concen: 9.534 ng
RT: 9.510 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion: 65 Resp: 55394
Ion Ratio Lower Upper
65 100
92 67.3 54.4 81.6
138 101.7 72.5 108.7





#49

Acenaphthylene

Concen: 10.711 ng

RT: 9.833 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF126919.D

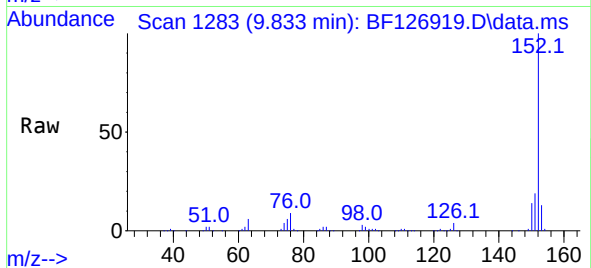
Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021



Tgt Ion:152 Resp: 256174

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	12.7	11.4	17.0

Manual Integrations

APPROVED

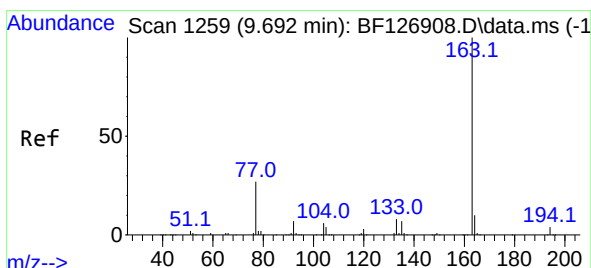
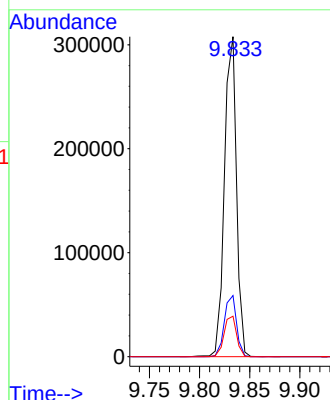
Reviewed By :Christian Giraldo 02/17/2022

Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut

Upadhyay 02/17/2022

02/17/2022



#50

Dimethylphthalate

Concen: 9.760 ng

RT: 9.680 min Scan# 1257

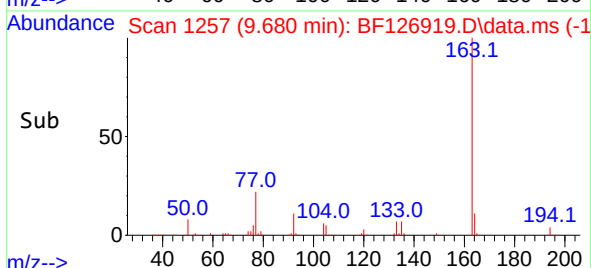
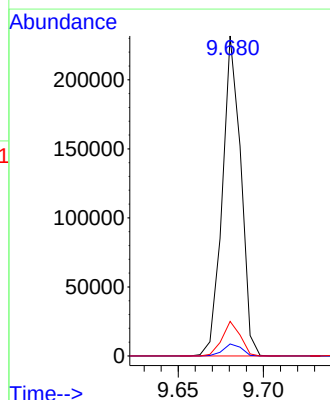
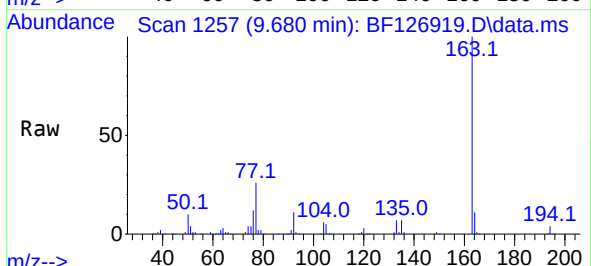
Delta R.T. -0.012 min

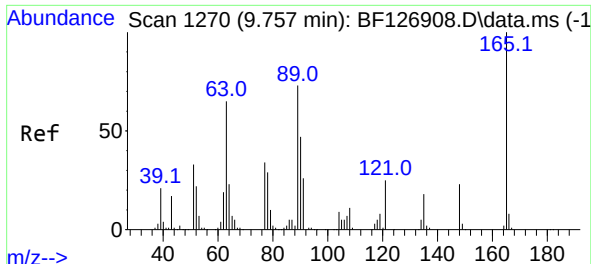
Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:163 Resp: 174818

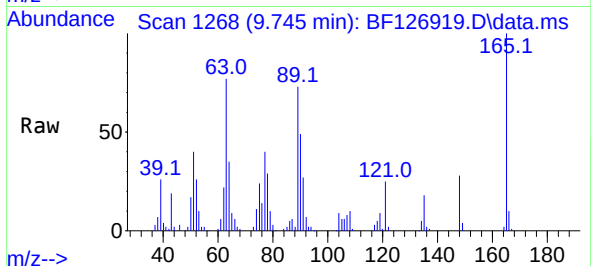
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	3.8
164	10.8	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 10.318 ng
RT: 9.745 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

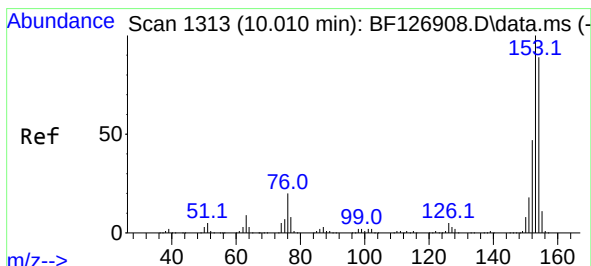
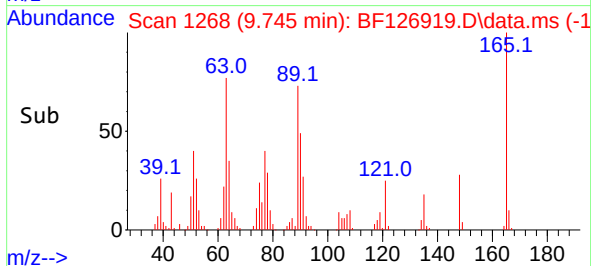
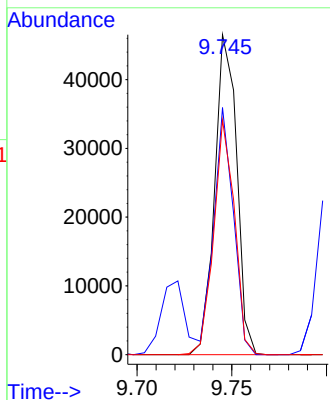


Tgt Ion:165 Resp: 3760
Ion Ratio Lower Upper
165 100
63 77.2 48.4 72.6
89 73.4 50.5 75.7

Manual Integrations
APPROVED

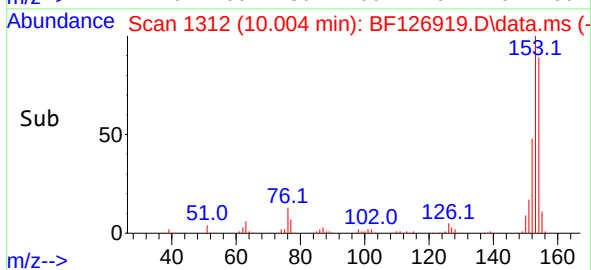
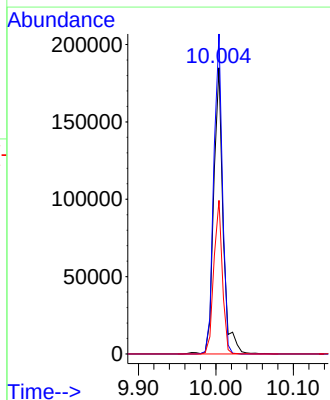
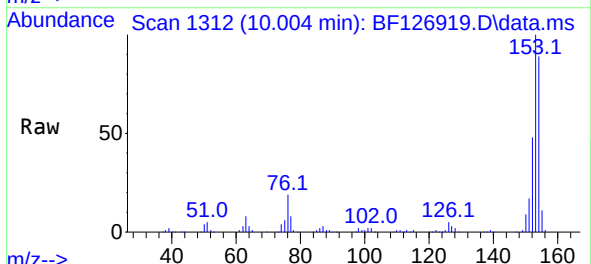
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

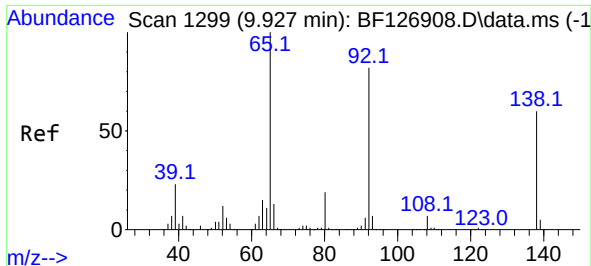
Supervised By :Jagrut
Upadhyay 02/17/2022



#52
Acenaphthene
Concen: 9.978 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

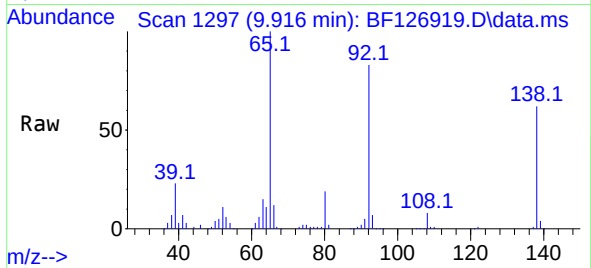
Tgt Ion:154 Resp: 155189
Ion Ratio Lower Upper
154 100
153 111.8 87.8 131.6
152 53.7 39.4 59.2





#53
3-Nitroaniline
Concen: 9.616 ng
RT: 9.916 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



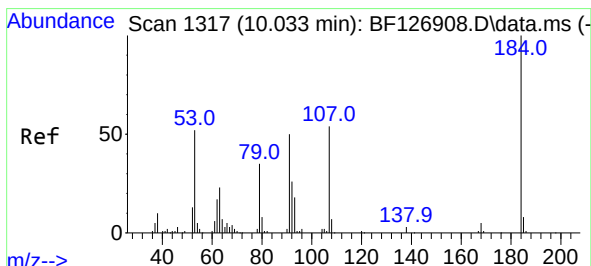
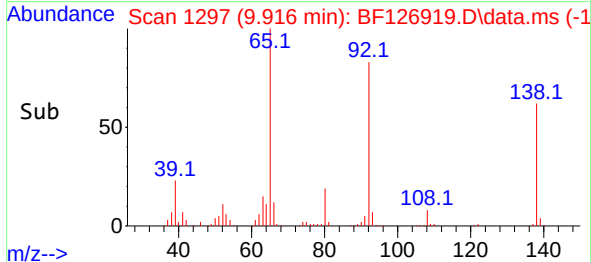
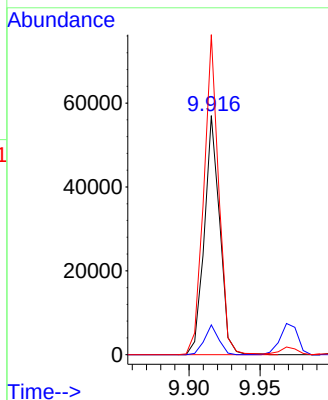
Tgt Ion:138 Resp: 4283
Ion Ratio Lower Upper
138 100
108 12.4 8.6 13.0
92 133.8 105.0 157.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

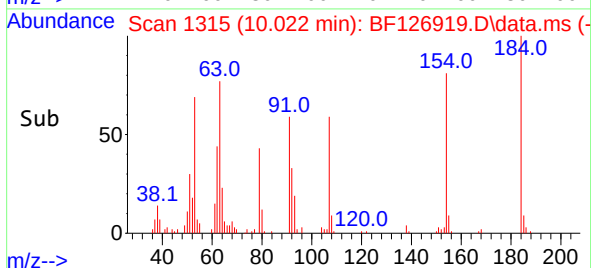
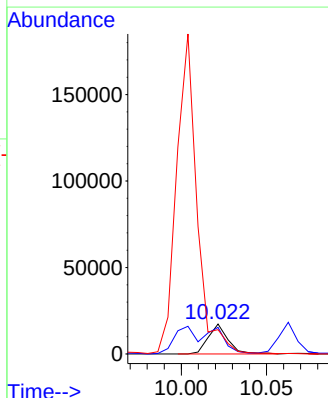
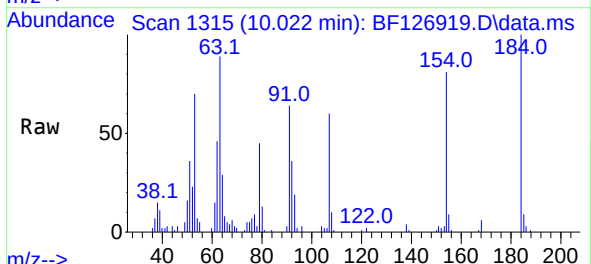
Supervised By :Jagrut
Upadhyay 02/17/2022

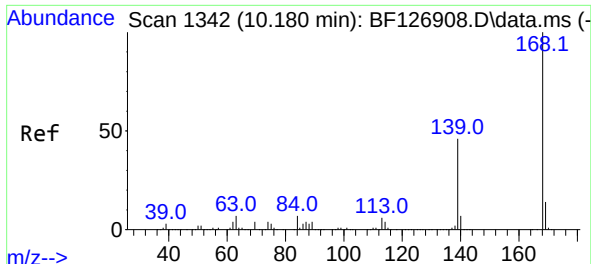
02/17/2022



#54
2,4-Dinitrophenol
Concen: 7.248 ng
RT: 10.022 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

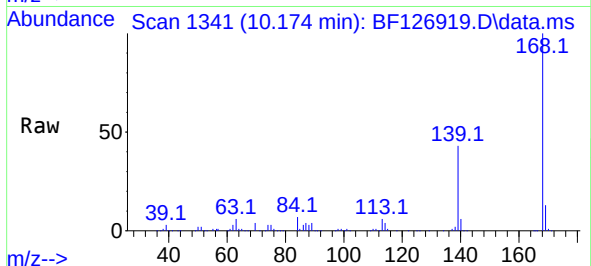
Tgt Ion:184 Resp: 13980
Ion Ratio Lower Upper
184 100
63 88.7 70.4 105.6
154 81.0 49.7 74.5#





#55
Dibenzenofuran
Concen: 9.944 ng
RT: 10.174 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



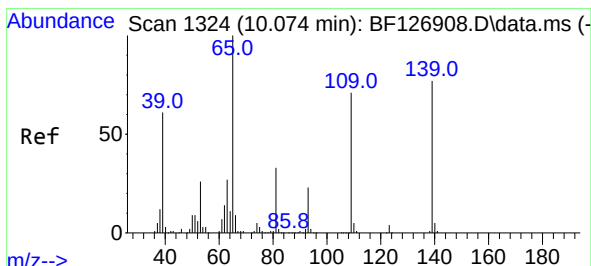
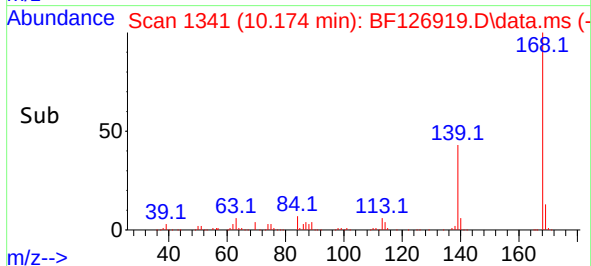
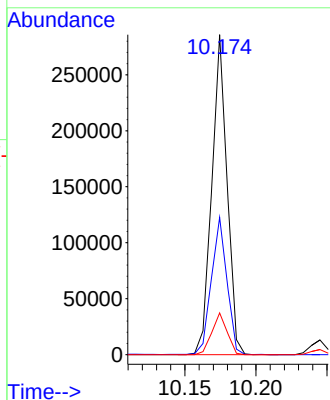
Tgt Ion:168 Resp: 212670
Ion Ratio Lower Upper
168 100
139 42.9 30.6 46.0
169 13.0 10.0 15.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

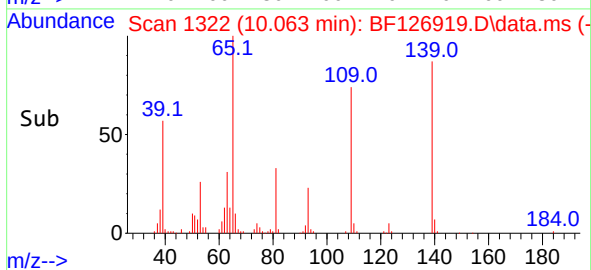
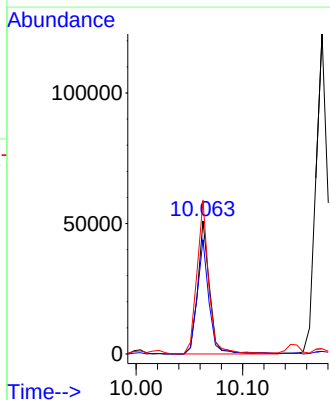
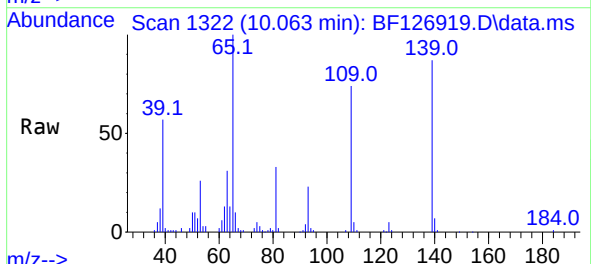
Supervised By :Jagrut
Upadhyay 02/17/2022

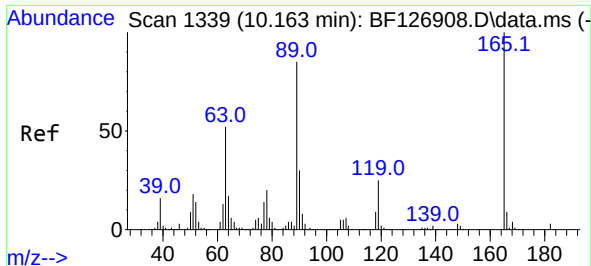
02/17/2022



#56
4-Nitrophenol
Concen: 11.935 ng
RT: 10.063 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

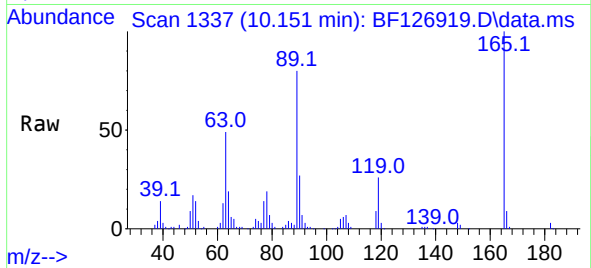
Tgt Ion:139 Resp: 39268
Ion Ratio Lower Upper
139 100
109 85.8 44.1 84.1#
65 115.3 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 9.992 ng
RT: 10.151 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



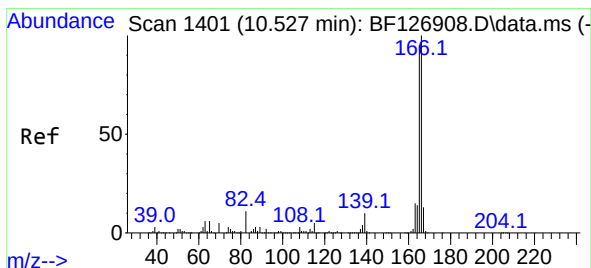
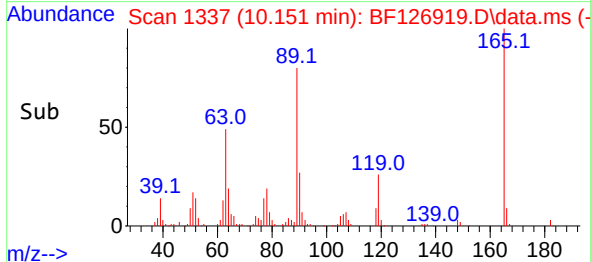
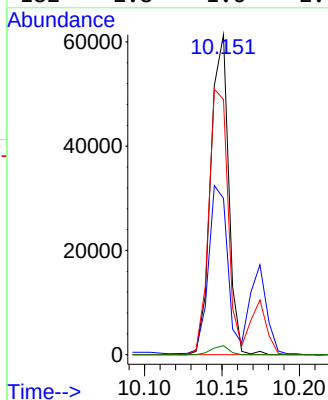
Tgt Ion:165 Resp: 49230
Ion Ratio Lower Upper
165 100
63 48.8 43.0 64.6
89 79.8 71.0 106.4
182 2.8 1.6 2.4#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

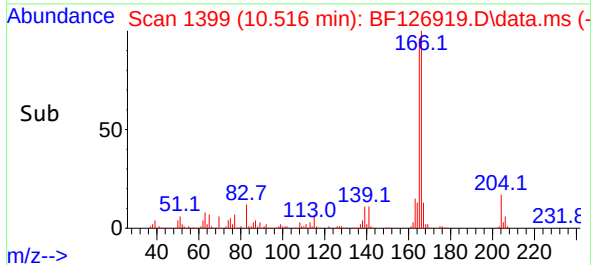
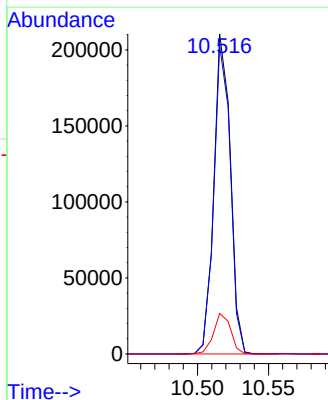
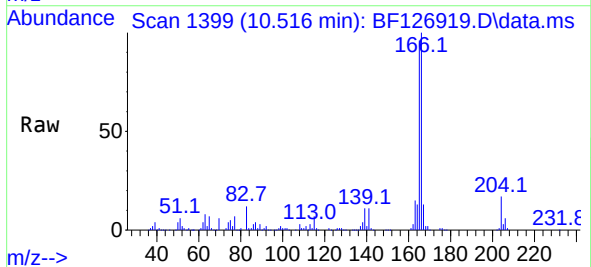
Supervised By :Jagrut Upadhyay 02/17/2022

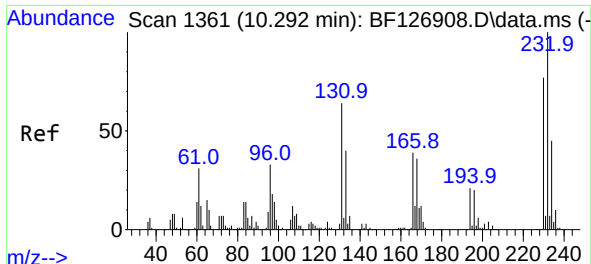
02/17/2022



#58
Fluorene
Concen: 10.196 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

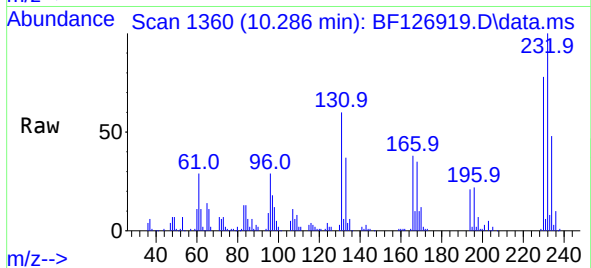
Tgt Ion:166 Resp: 169856
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 12.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.934 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

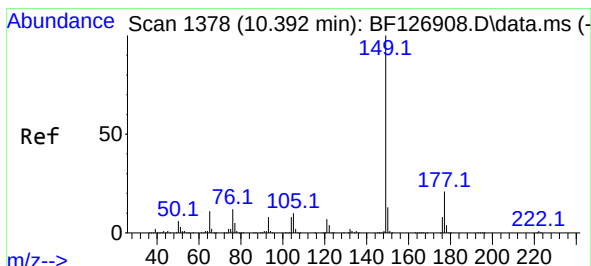
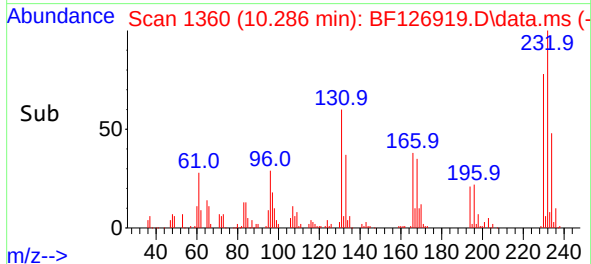
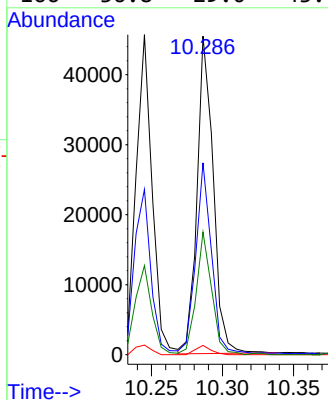


Tgt Ion:232 Resp: 36060
Ion Ratio Lower Upper
232 100
131 58.9 50.0 75.0
130 2.8 2.2 3.2
166 36.8 29.0 43.4

Manual Integrations
APPROVED

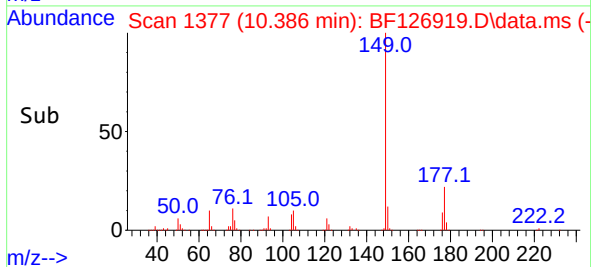
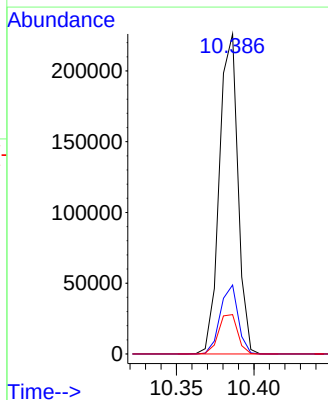
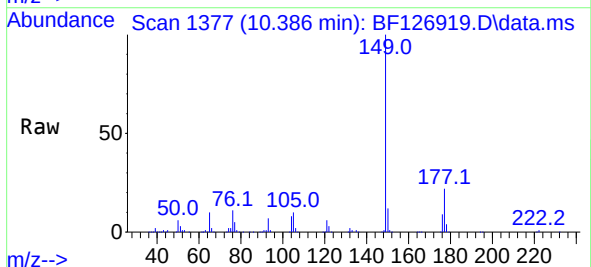
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

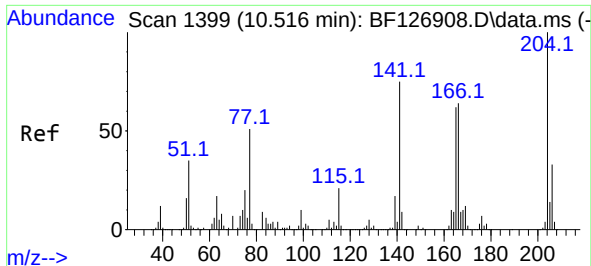
Supervised By :Jagrut Upadhyay
02/17/2022



#60
Diethylphthalate
Concen: 10.042 ng
RT: 10.386 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

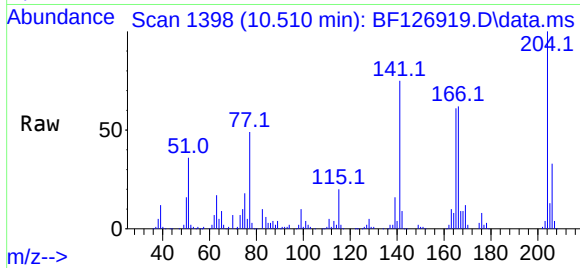
Tgt Ion:149 Resp: 187957
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 9.957 ng
RT: 10.510 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



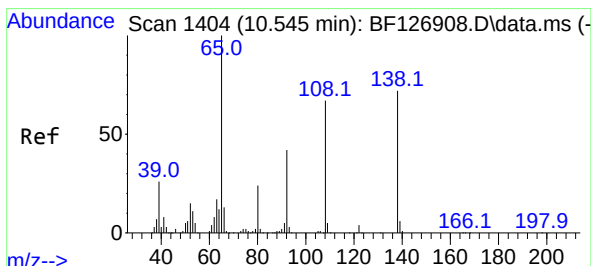
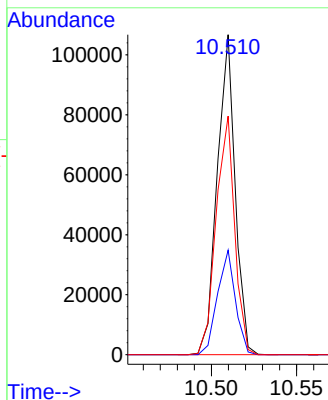
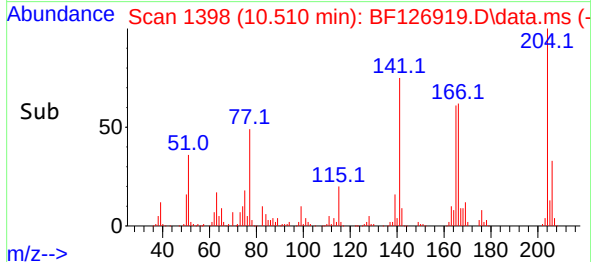
Tgt Ion:204 Resp: 7822
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 74.5 59.0 88.6

Manual Integrations
APPROVED

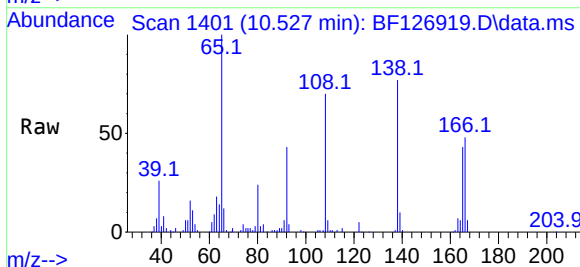
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut
Upadhyay 02/17/2022

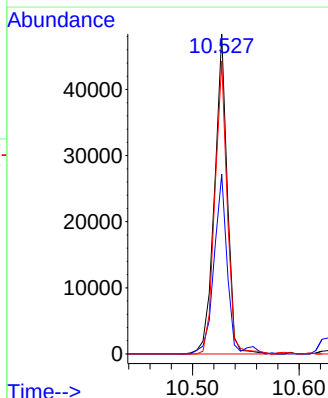
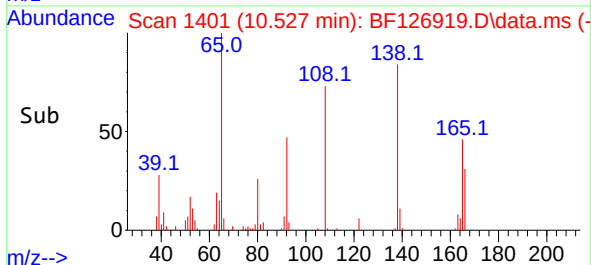
02/17/2022

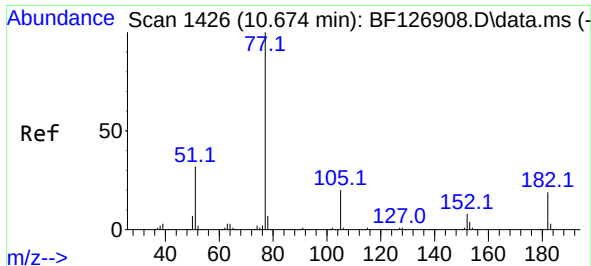


#62
4-Nitroaniline
Concen: 9.109 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.018 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34



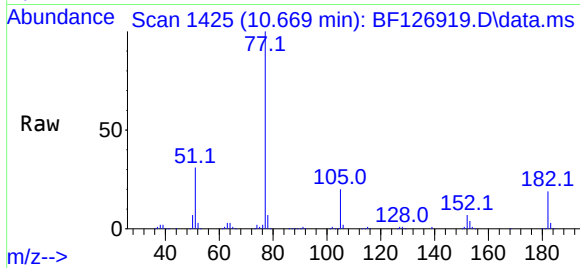
Tgt Ion:138 Resp: 40071
Ion Ratio Lower Upper
138 100
92 56.2 36.2 76.2
108 91.4 46.7 86.7#





#63
Azobenzene
Concen: 9.737 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



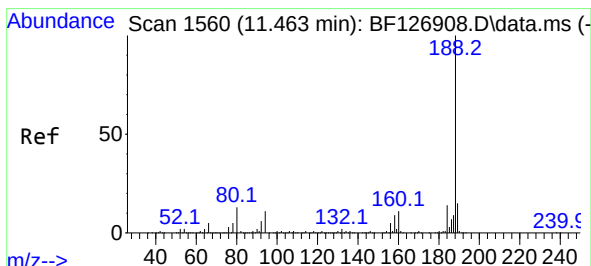
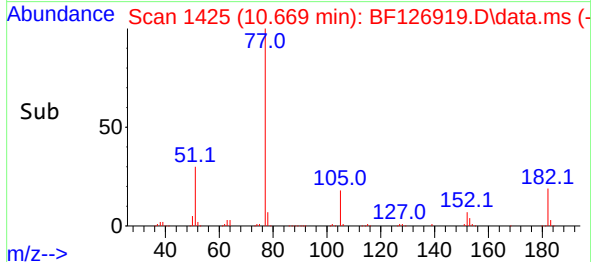
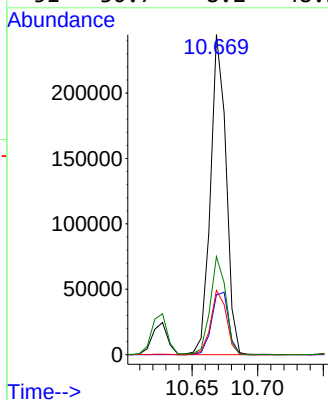
Tgt Ion: 77 Resp: 202940
Ion Ratio Lower Upper
77 100
182 18.7 0.0 39.0
105 20.1 3.2 43.2
51 30.7 8.2 48.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

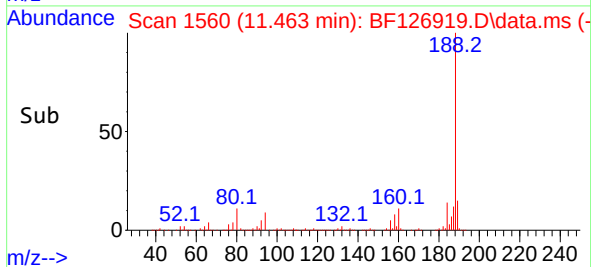
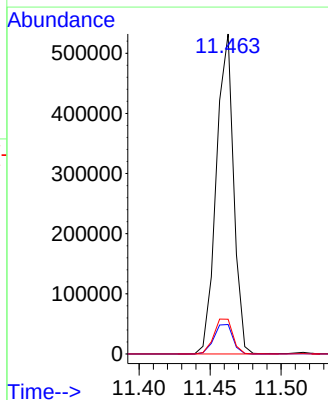
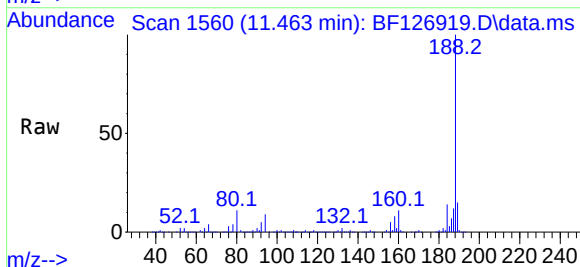
Supervised By :Jagrut
Upadhyay 02/17/2022

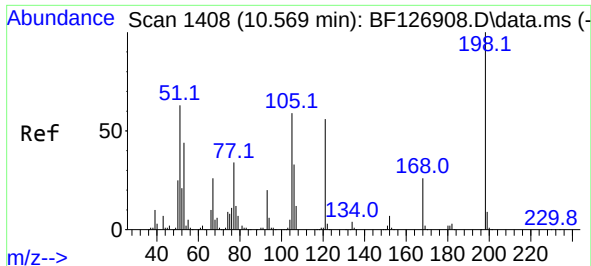
02/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

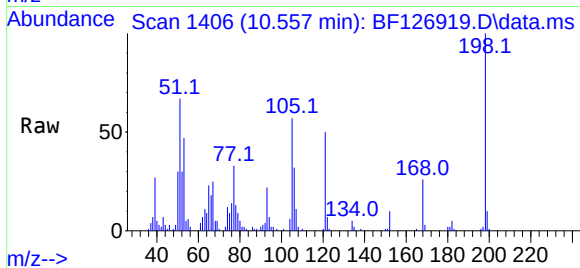
Tgt Ion:188 Resp: 450268
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.8 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 7.276 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



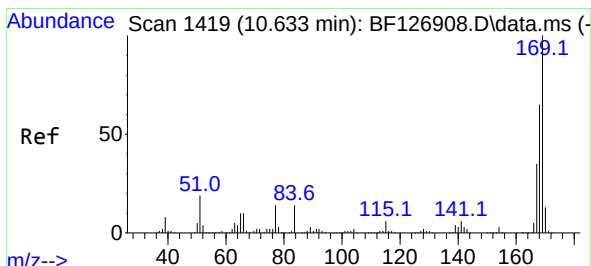
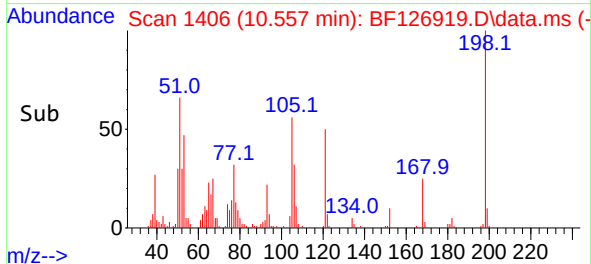
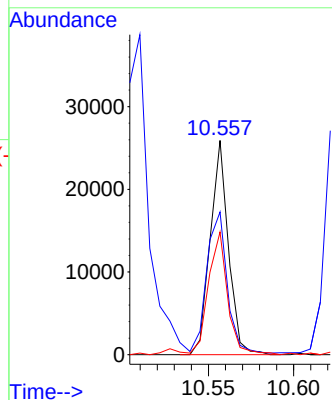
Tgt Ion:198 Resp: 19249
Ion Ratio Lower Upper
198 100
51 66.6 32.0 72.0
105 57.2 32.7 72.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

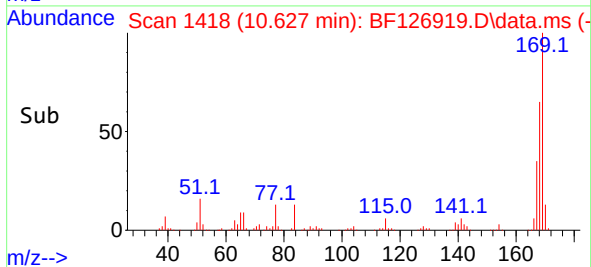
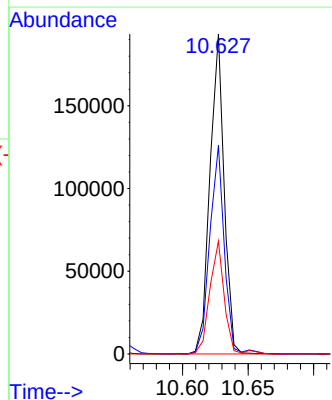
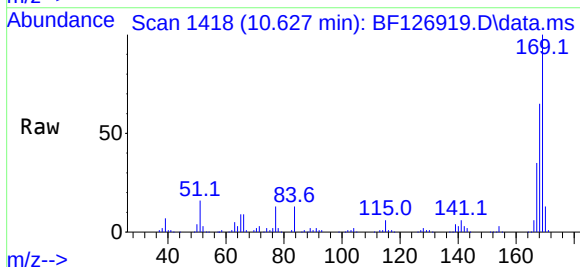
Supervised By :Jagrut
Upadhyay 02/17/2022

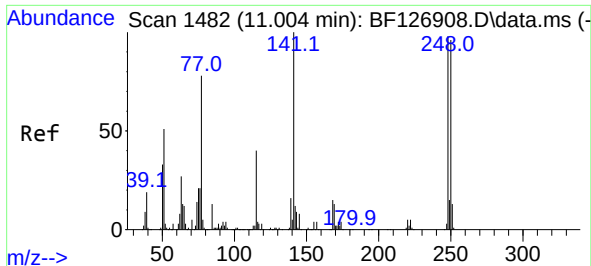
02/17/2022



#66
n-Nitrosodiphenylamine
Concen: 9.890 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

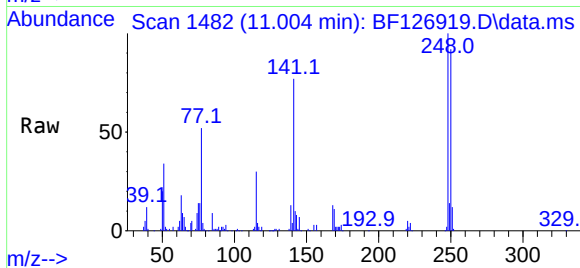
Tgt Ion:169 Resp: 146029
Ion Ratio Lower Upper
169 100
168 65.1 53.4 80.0
167 35.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 9.968 ng
RT: 11.004 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



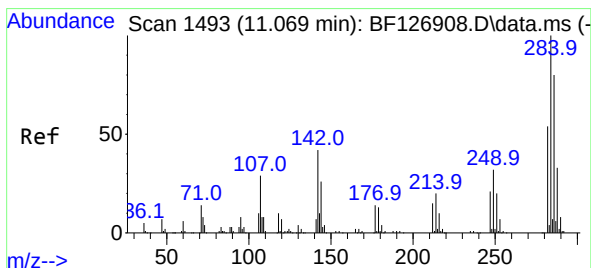
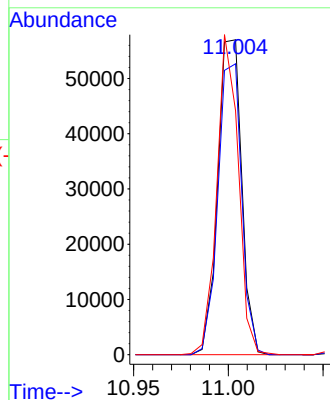
Tgt Ion:248 Resp: 50140
Ion Ratio Lower Upper
248 100
250 92.4 76.2 114.4
141 77.5 66.2 99.4

Manual Integrations
APPROVED

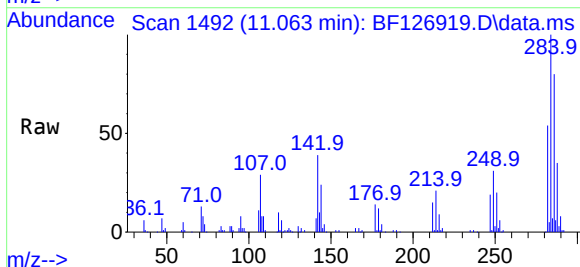
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut
Upadhyay 02/17/2022

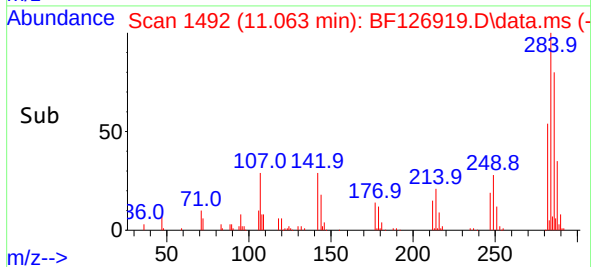
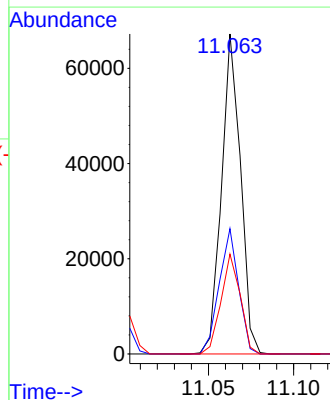
02/17/2022

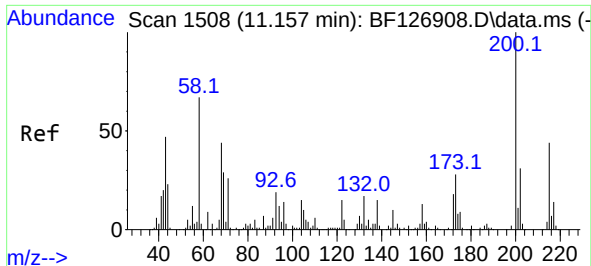


#68
Hexachlorobenzene
Concen: 9.619 ng
RT: 11.063 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34



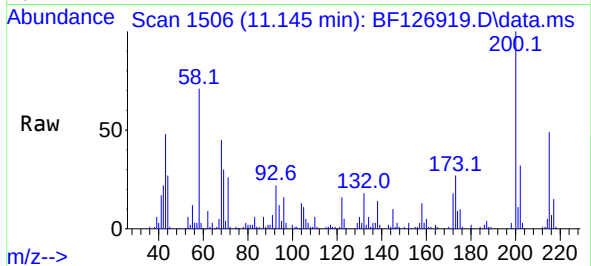
Tgt Ion:284 Resp: 52096
Ion Ratio Lower Upper
284 100
142 39.2 30.7 46.1
249 31.2 21.1 31.7





#69
Atrazine
Concen: 8.290 ng
RT: 11.145 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



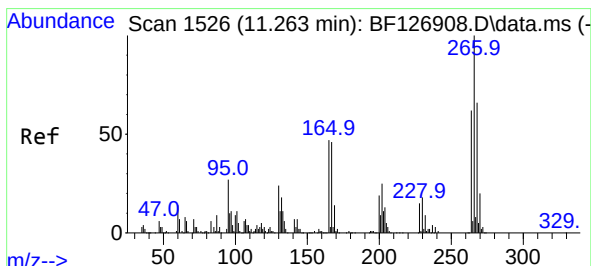
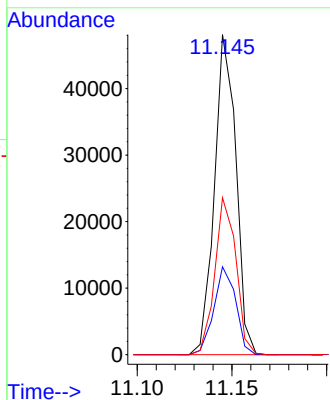
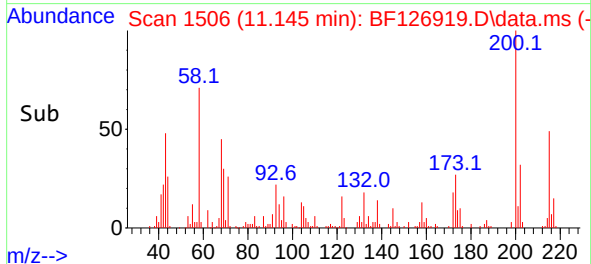
Tgt Ion:200 Resp: 3796
Ion Ratio Lower Upper
200 100
173 27.5 9.2 49.2
215 49.1 23.2 63.2

Manual Integrations
APPROVED

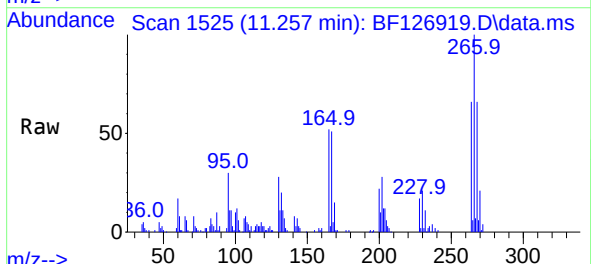
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut
Upadhyay 02/17/2022

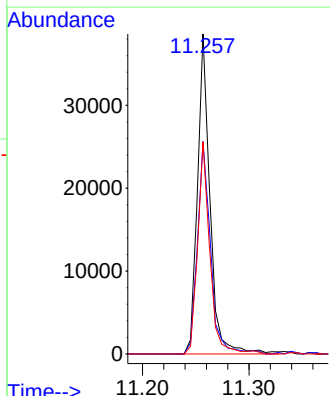
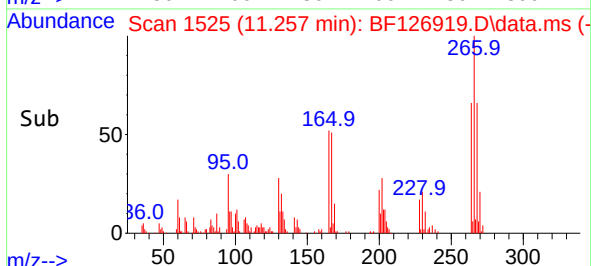
02/17/2022

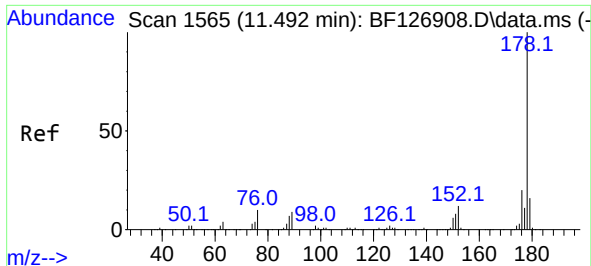


#70
Pentachlorophenol
Concen: 10.724 ng
RT: 11.257 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34



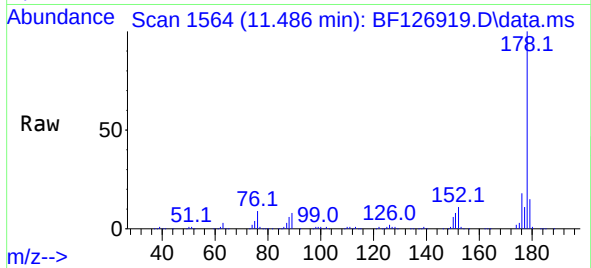
Tgt Ion:266 Resp: 31705
Ion Ratio Lower Upper
266 100
268 66.4 52.3 78.5
264 66.3 50.4 75.6





#71
Phenanthrene
Concen: 10.153 ng
RT: 11.486 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



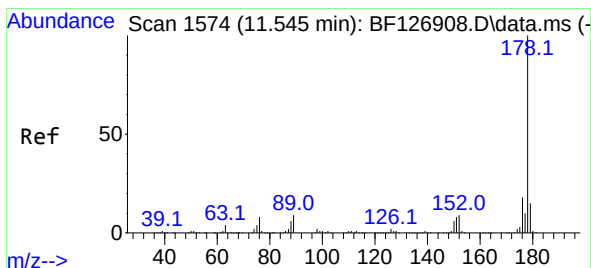
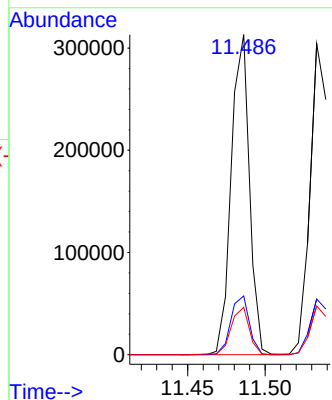
Tgt Ion:178 Resp: 255873
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 14.8 12.3 18.5

Manual Integrations APPROVED

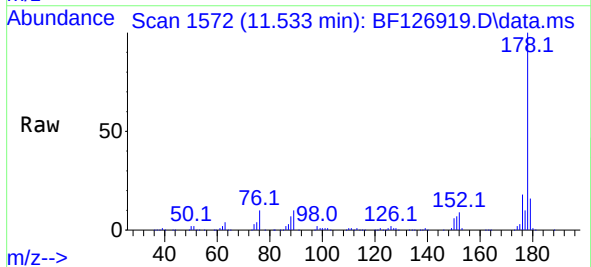
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut Upadhyay
02/17/2022

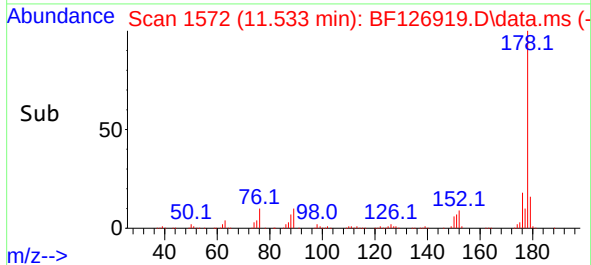
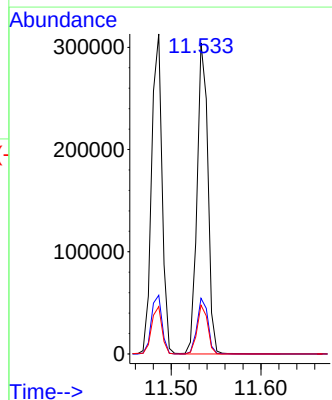
02/17/2022

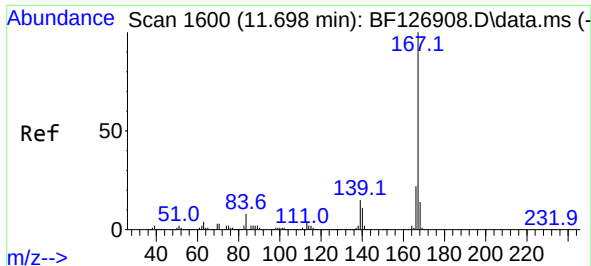


#72
Anthracene
Concen: 10.143 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34



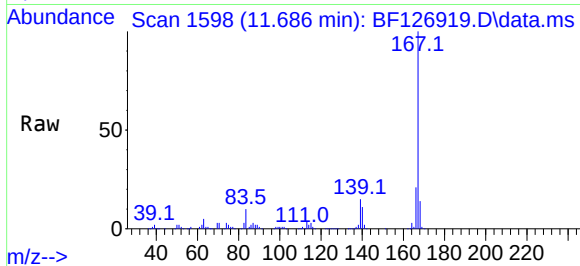
Tgt Ion:178 Resp: 254492
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 9.555 ng
 RT: 11.686 min Scan# 1598
 Delta R.T. -0.012 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

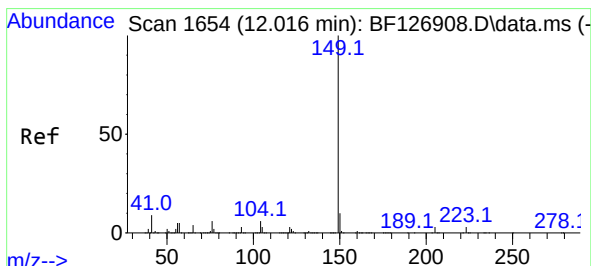
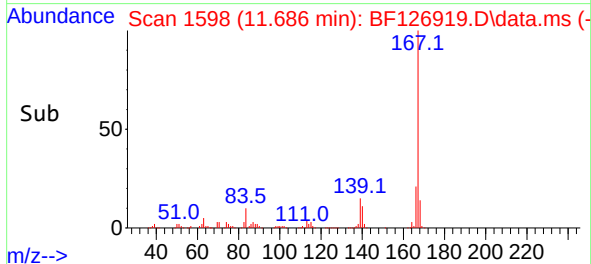
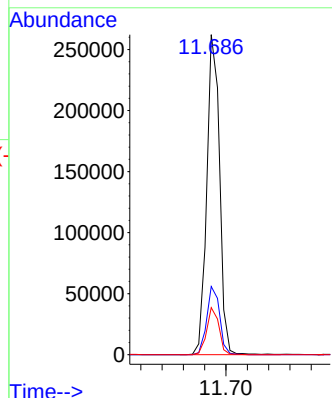


Tgt Ion:167 Resp: 21983
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 14.7 11.3 16.9

Manual Integrations APPROVED

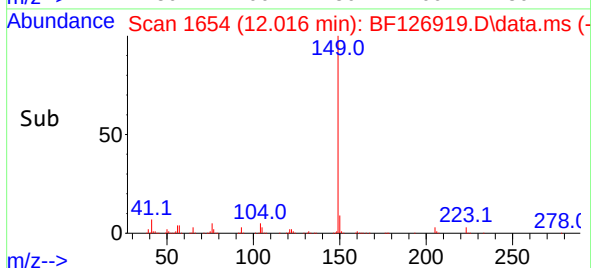
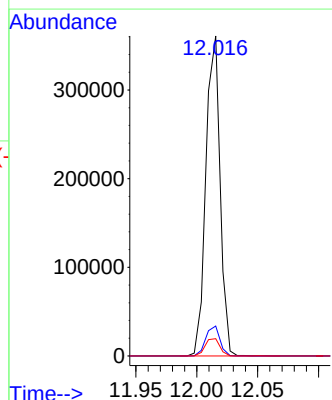
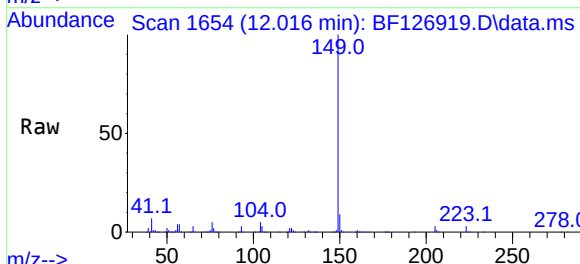
Reviewed By :Christian Giraldo 02/17/2022
 Supervised By :Jagrut Upadhyay 02/17/2022

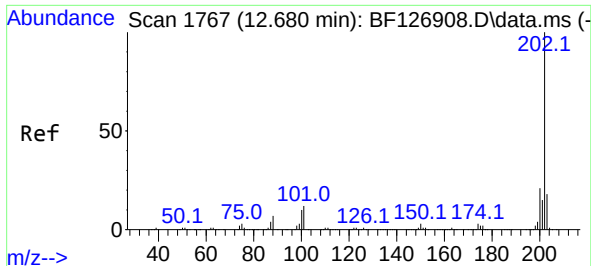
Supervised By :Jagrut
 Upadhyay
 02/17/2022



#74
 Di-n-butylphthalate
 Concen: 9.867 ng
 RT: 12.016 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

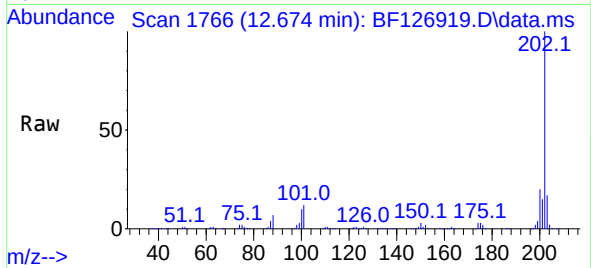
Tgt Ion:149 Resp: 291850
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.4 4.2 6.2





#75
Fluoranthene
Concen: 10.095 ng
RT: 12.674 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



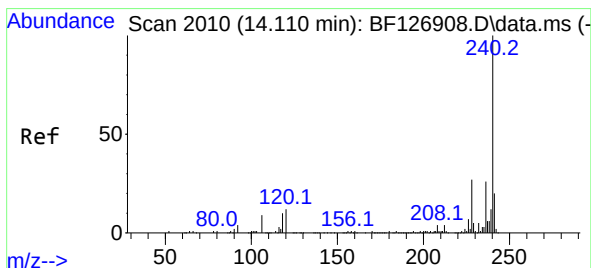
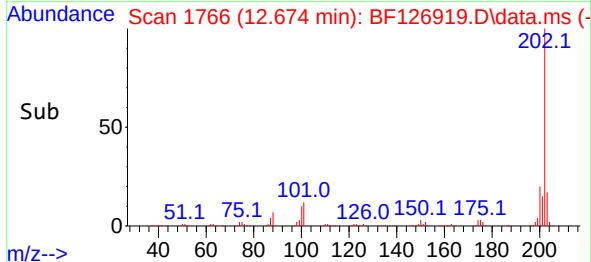
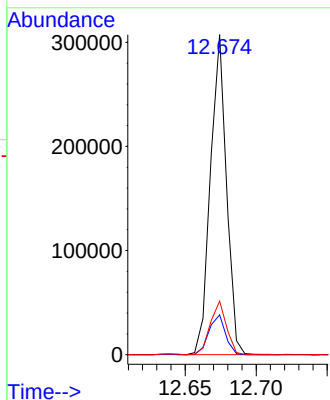
Tgt Ion:202 Resp: 241569
Ion Ratio Lower Upper
202 100
101 12.4 0.0 35.7
203 16.8 0.0 37.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

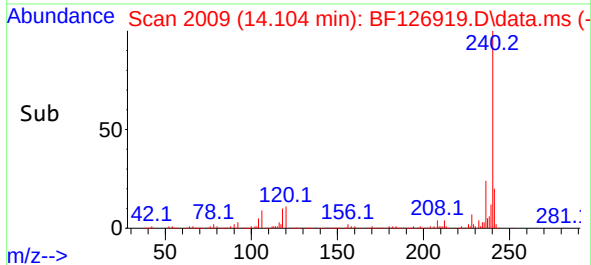
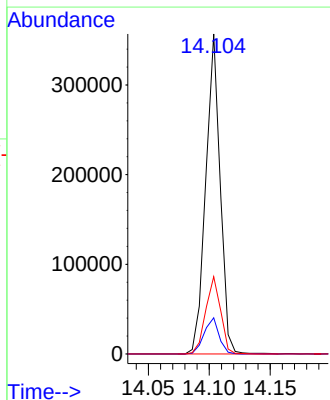
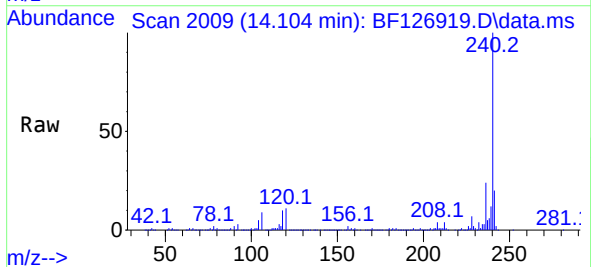
Supervised By :Jagrut
Upadhyay 02/17/2022

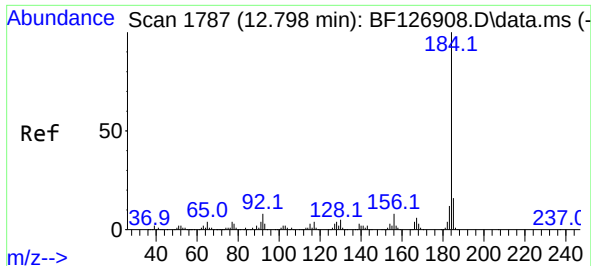
02/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

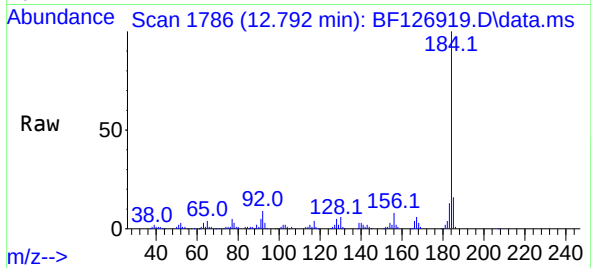
Tgt Ion:240 Resp: 292248
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6#
236 24.1 20.5 30.7





#77
Benzidine
Concen: 11.769 ng m
RT: 12.792 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



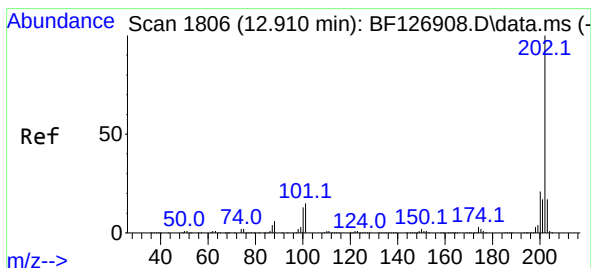
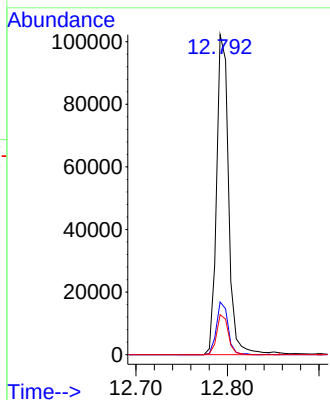
Tgt Ion:184 Resp: 93472
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.8
183 12.5 8.2 12.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

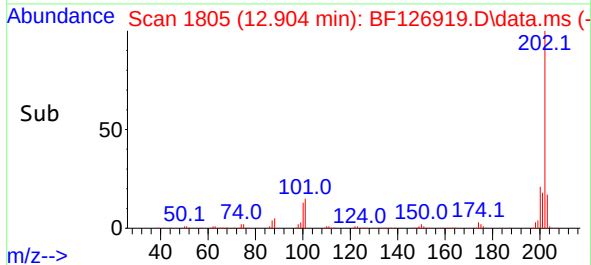
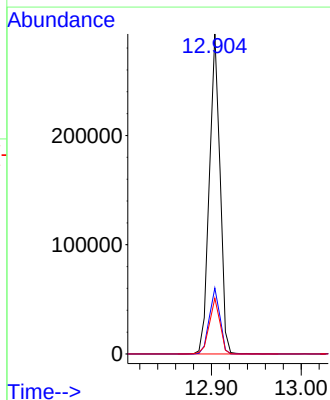
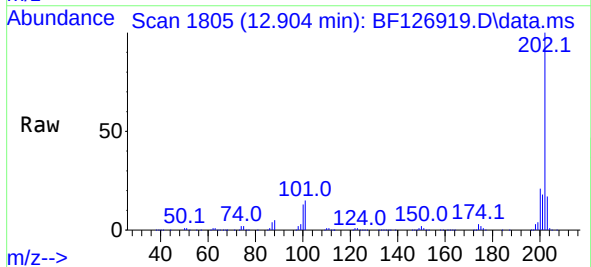
Supervised By :Jagrut
Upadhyay 02/17/2022

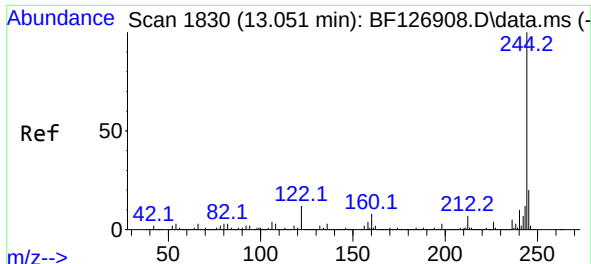
02/17/2022



#78
Pyrene
Concen: 9.533 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

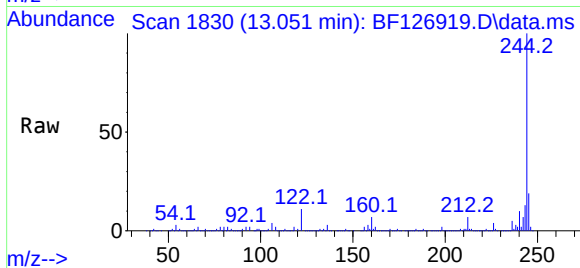
Tgt Ion:202 Resp: 242033
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.4 13.8 20.8





#79
Terphenyl-d14
Concen: 67.491 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



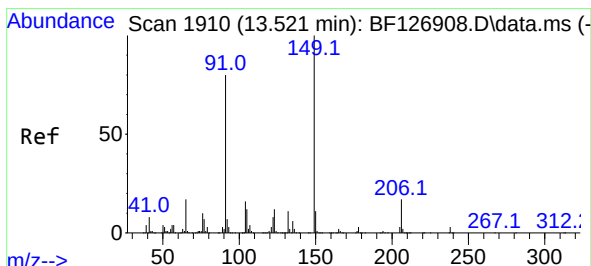
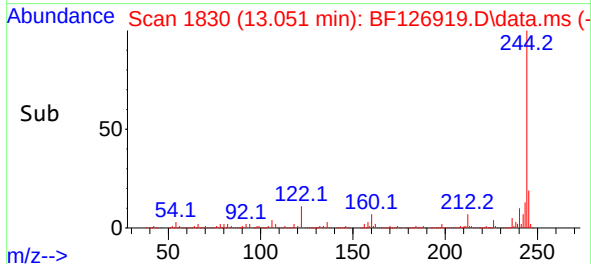
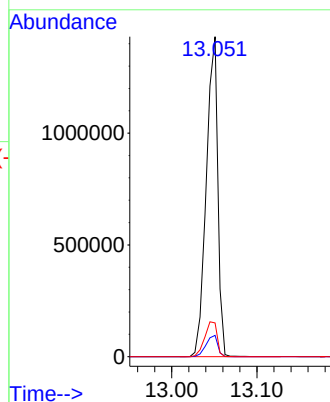
Tgt Ion:244 Resp: 134173
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 10.6 13.3 19.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

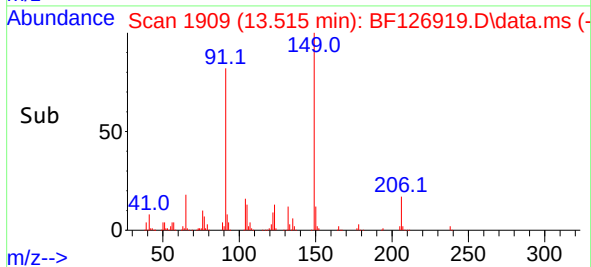
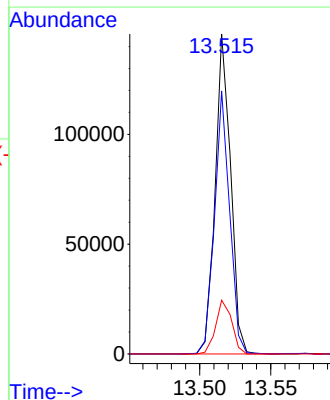
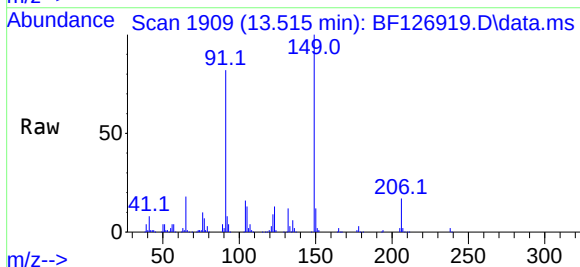
Supervised By :Jagrut
Upadhyay 02/17/2022

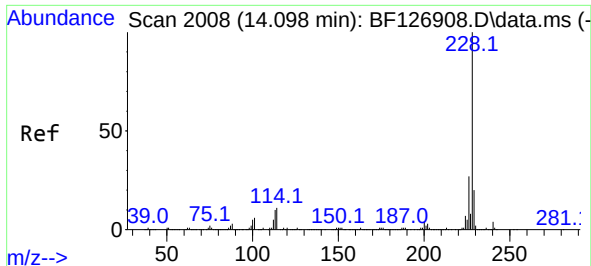
02/17/2022



#80
Butylbenzylphthalate
Concen: 9.188 ng
RT: 13.515 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

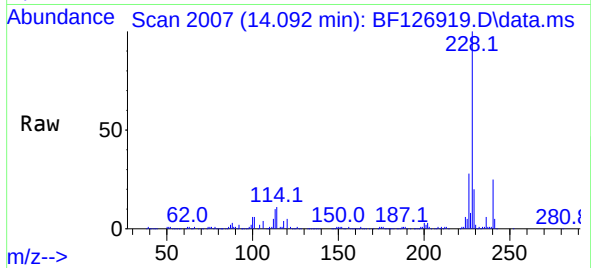
Tgt Ion:149 Resp: 110435
Ion Ratio Lower Upper
149 100
91 82.2 70.5 105.7
206 16.8 12.6 19.0





#81
Benzo(a)anthracene
Concen: 9.535 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

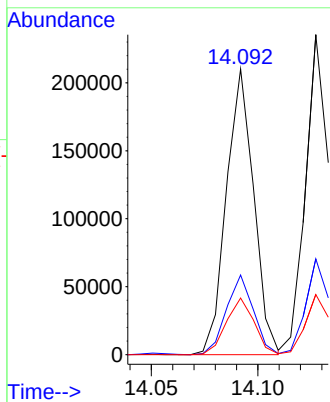
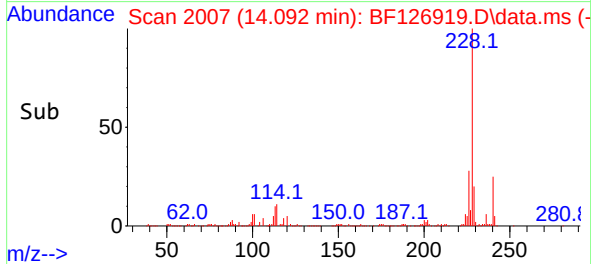
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion:228 Resp: 18786
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.0
229 19.8 15.4 23.2

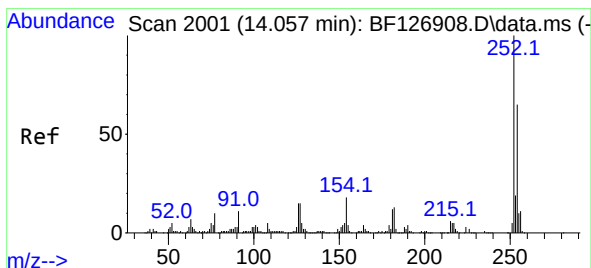
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

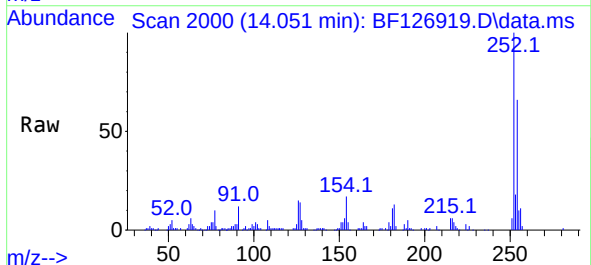


Supervised By :Jagrut Upadhyay
02/17/2022

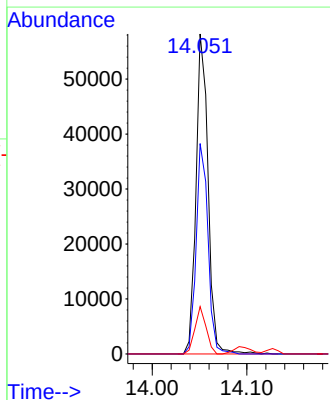
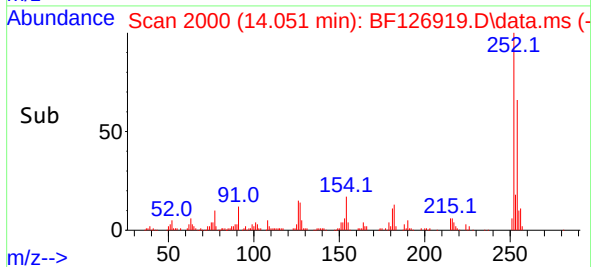
02/17/2022

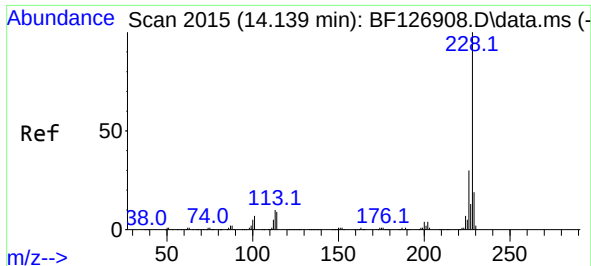


#82
3,3'-Dichlorobenzidine
Concen: 8.324 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34



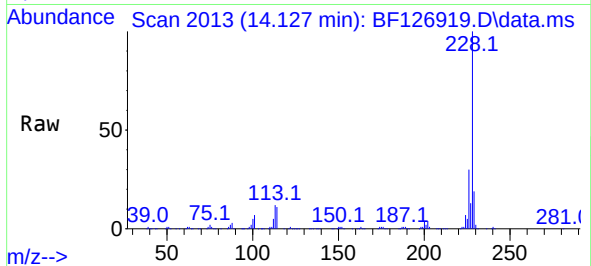
Tgt Ion:252 Resp: 51683
Ion Ratio Lower Upper
252 100
254 65.8 51.0 76.4
126 14.8 13.4 20.0





#83
Chrysene
Concen: 9.742 ng
RT: 14.127 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

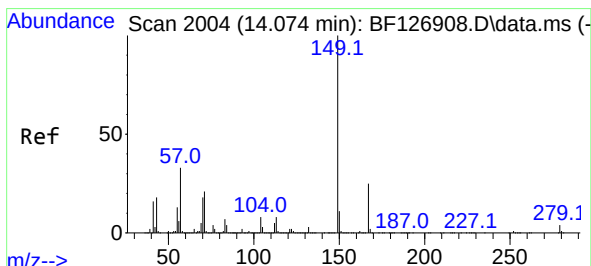
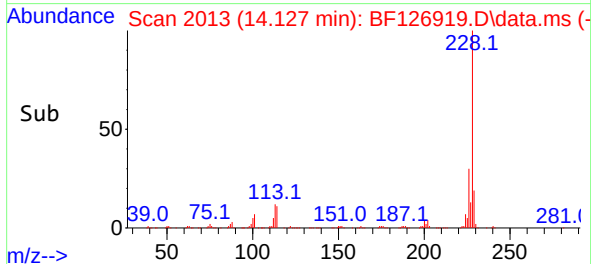
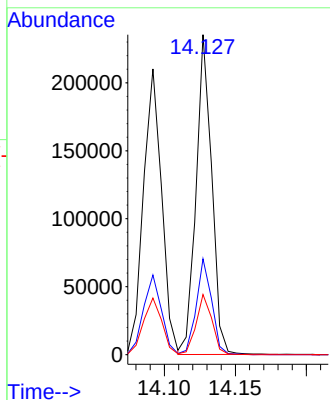


Tgt Ion:228 Resp: 180490
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 18.8 15.5 23.3

Manual Integrations
APPROVED

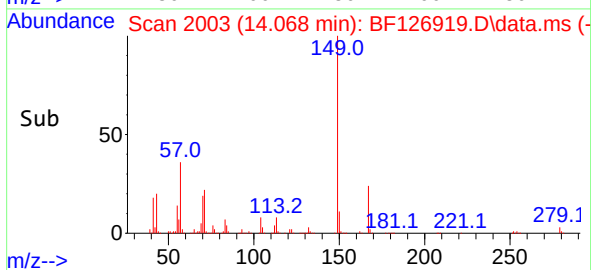
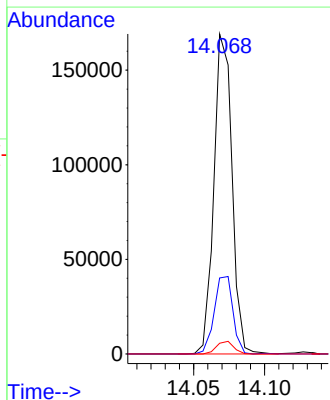
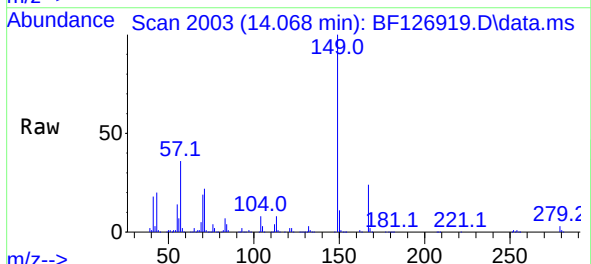
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

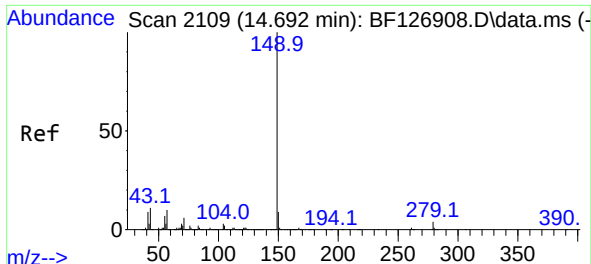
Supervised By :Jagrut Upadhyay
02/17/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.459 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

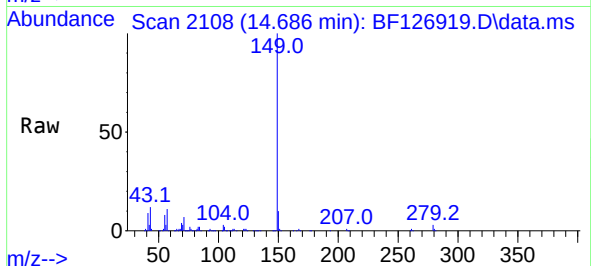
Tgt Ion:149 Resp: 149271
Ion Ratio Lower Upper
149 100
167 23.7 21.4 32.2
279 3.3 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 9.206 ng
RT: 14.686 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

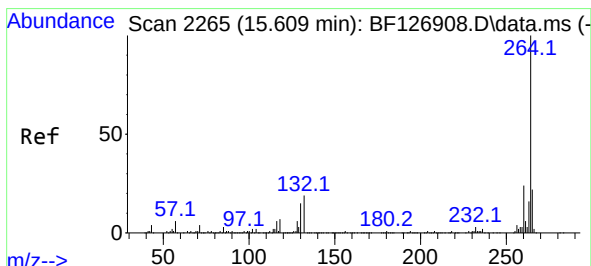
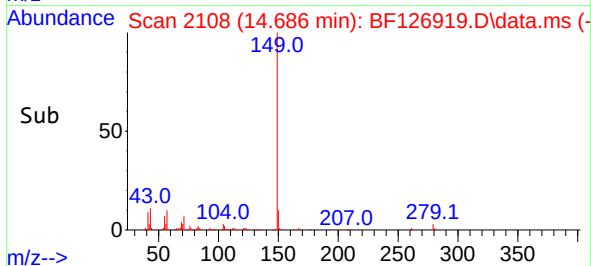
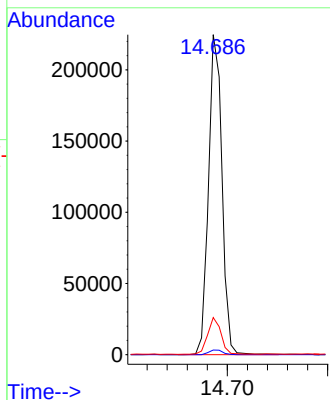


Tgt Ion:149 Resp: 209184
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.4 9.9 14.9

Manual Integrations APPROVED

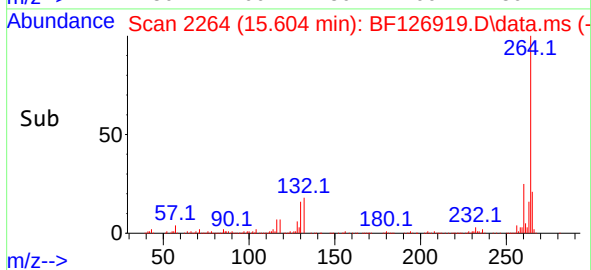
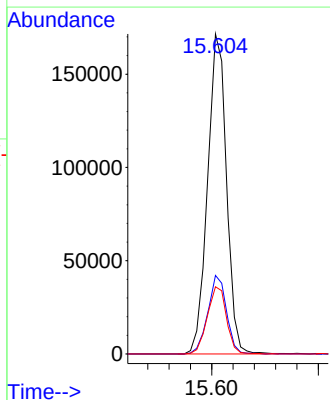
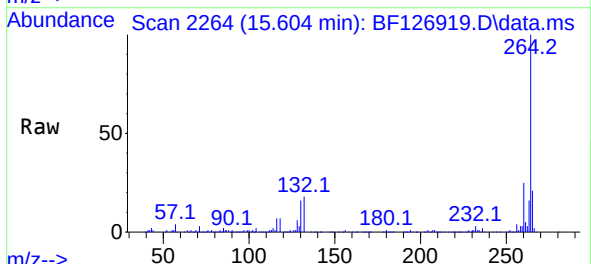
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

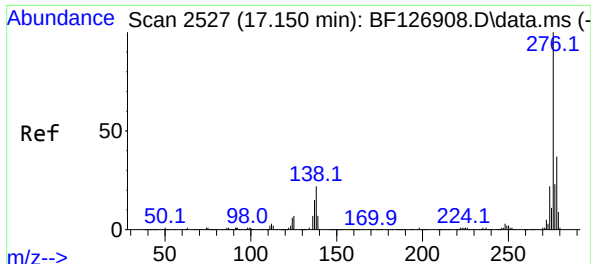
Supervised By :Jagrut Upadhyay
02/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

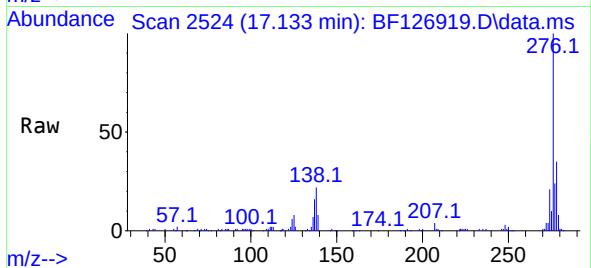
Tgt Ion:264 Resp: 211521
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.739 ng
RT: 17.133 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



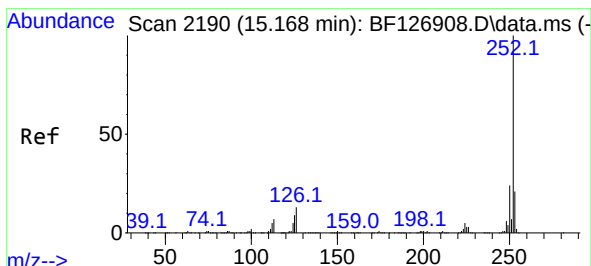
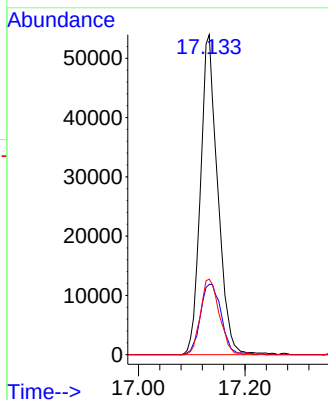
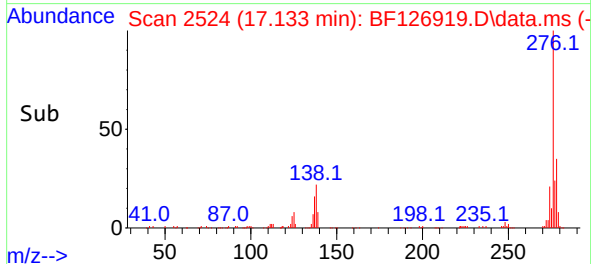
Tgt Ion:276 Resp: 121207
Ion Ratio Lower Upper
276 100
138 26.6 29.2 43.8
277 25.8 19.8 29.8

Manual Integrations
APPROVED

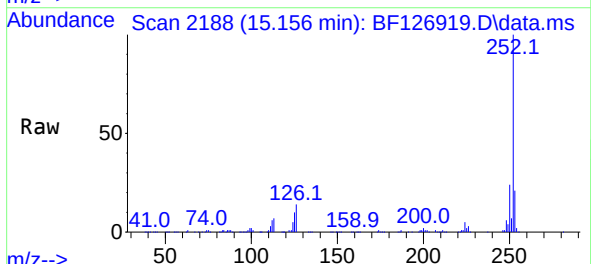
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut
Upadhyay 02/17/2022

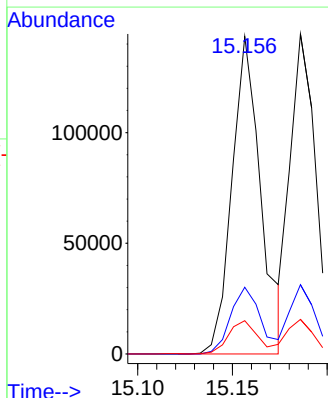
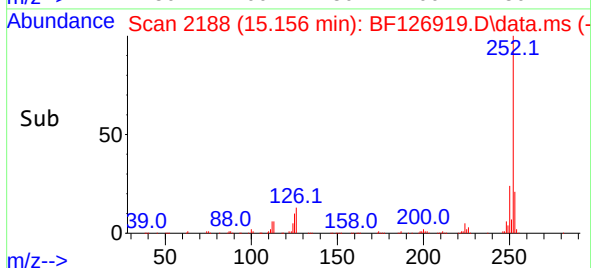
02/17/2022

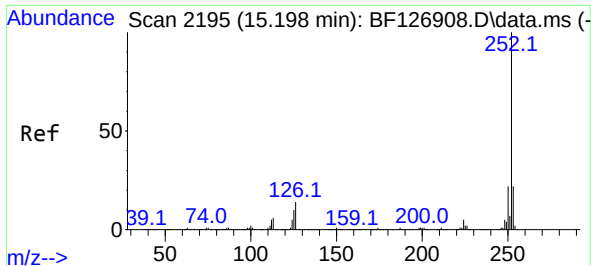


#88
Benzo(b)fluoranthene
Concen: 10.693 ng
RT: 15.156 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34



Tgt Ion:252 Resp: 151913
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 10.5 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 10.015 ng

RT: 15.186 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion:252 Resp: 137235

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.8	11.8	17.6

Manual Integrations

APPROVED

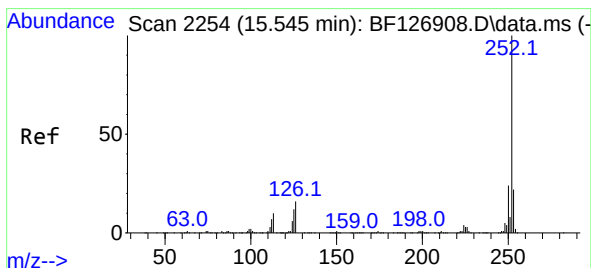
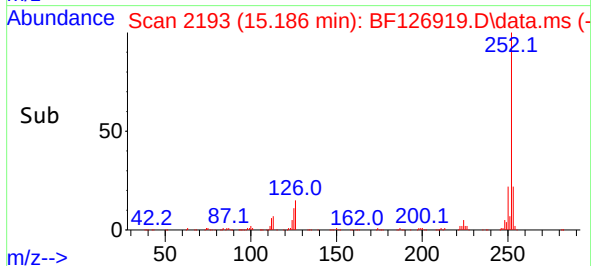
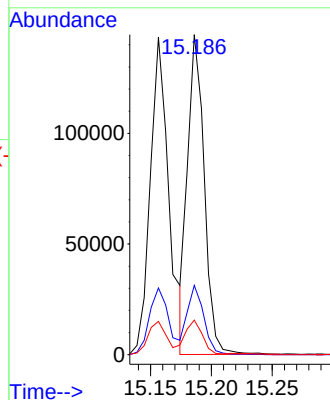
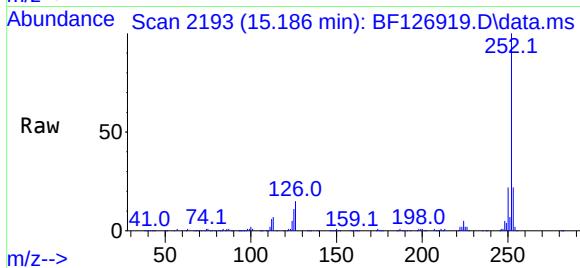
Reviewed By :Christian Giraldo 02/17/2022

Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut

Upadhyay 02/17/2022

02/17/2022



#90

Benzo(a)pyrene

Concen: 11.415 ng

RT: 15.539 min Scan# 2253

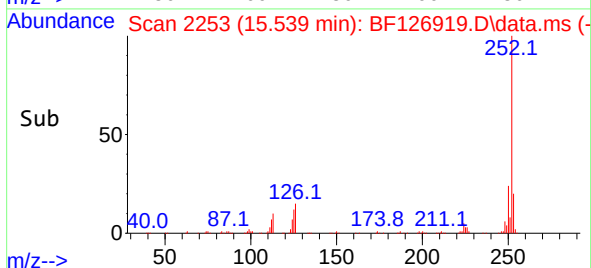
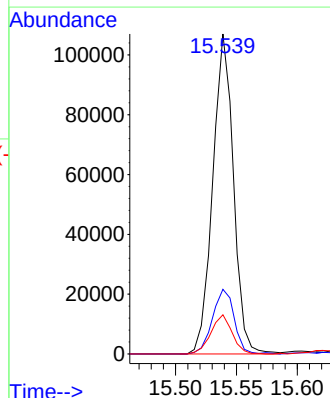
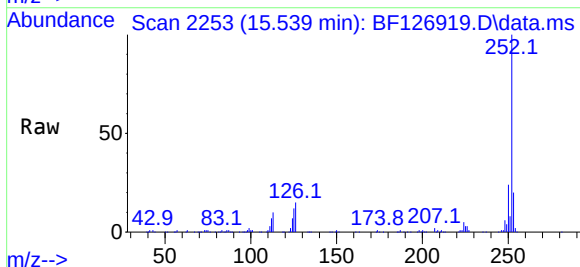
Delta R.T. -0.006 min

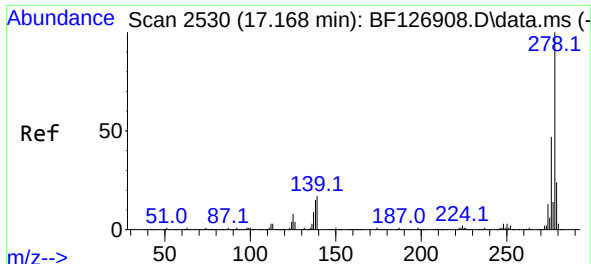
Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:252 Resp: 126667

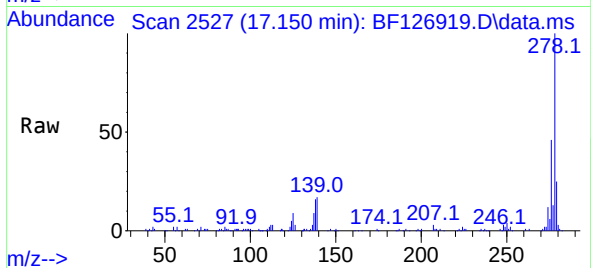
Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.1	25.7
125	12.2	13.0	19.6





#91
Dibenzo(a,h)anthracene
Concen: 9.316 ng
RT: 17.150 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



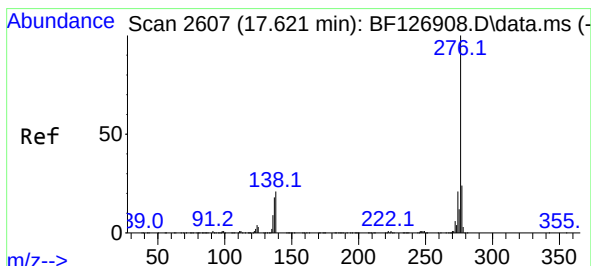
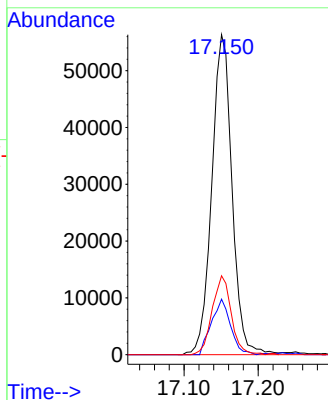
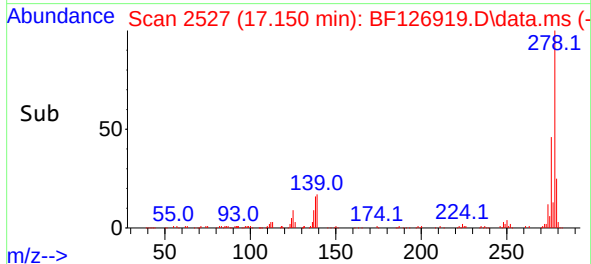
Tgt Ion:278 Resp: 106860
Ion Ratio Lower Upper
278 100
139 17.3 18.0 27.0
279 24.7 18.6 27.8

Manual Integrations
APPROVED

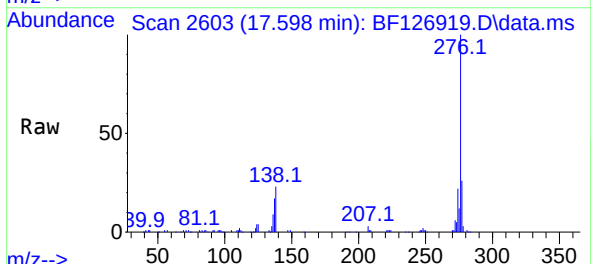
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Supervised By :Jagrut Upadhyay
02/17/2022

02/17/2022



#92
Benzo(g,h,i)perylene
Concen: 9.095 ng
RT: 17.598 min Scan# 2603
Delta R.T. -0.024 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34



Tgt Ion:276 Resp: 102848
Ion Ratio Lower Upper
276 100
277 26.2 18.5 27.7
138 22.6 25.9 38.9

