

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127576.D
 Acq On : 29 Mar 2022 20:17
 Operator : CG\JU
 Sample : N2123-03DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1DL

Quant Time: Mar 30 08:32:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

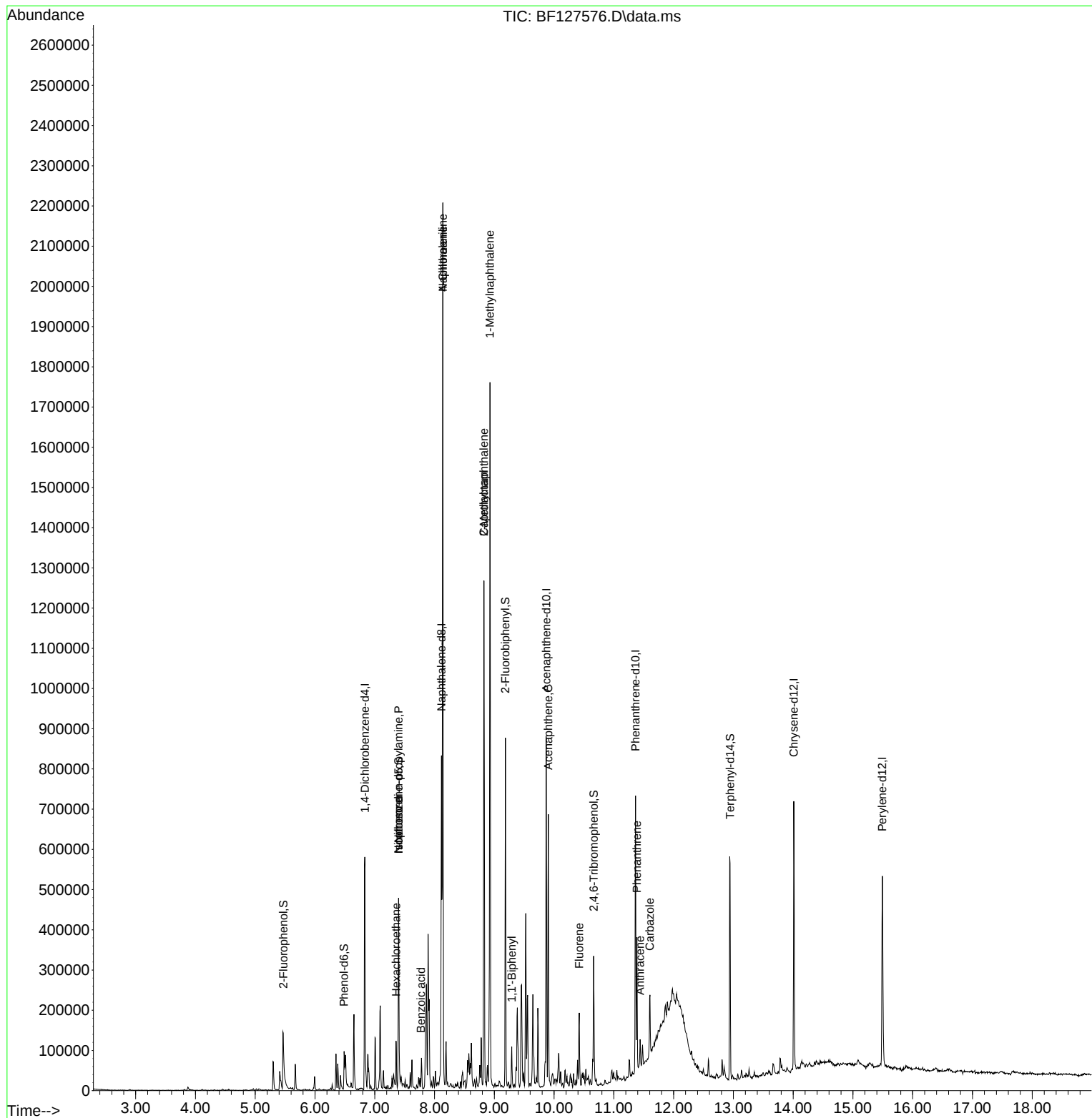
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	87006	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	305932	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	160806	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	231649	20.000	ng	0.00
76) Chrysene-d12	14.010	240	213021	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	219262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	61858	11.349	ng	0.01
7) Phenol-d6	6.487	99	51353	6.892	ng	0.00
23) Nitrobenzene-d5	7.398	82	130547	18.240	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	33005	19.267	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	227262	20.637	ng	0.00
79) Terphenyl-d14	12.945	244	192472	14.791	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	2955	Below Cal	#	1
18) Hexachloroethane	7.357	117	6478	2.808	ng	# 1
19) n-Nitroso-di-n-propyla...	7.398	70	16799	3.761	ng	# 85
25) Isophorone	7.398	82	130546	11.452	ng	# 70
31) Naphthalene	8.139	128	834729	51.392	ng	99
32) Benzoic acid	7.775	122	138	6.091	ng	# 1
33) 4-Chloroaniline	8.139	127	109463	17.392	ng	# 30
35) Caprolactam	8.828	113	7298	4.843	ng	# 1
37) 2-Methylnaphthalene	8.828	142	284290	27.220	ng	100
38) 1-Methylnaphthalene	8.928	142	403750	39.096	ng	97
46) 1,1'-Biphenyl	9.292	154	27065	2.228	ng	99
52) Acenaphthene	9.904	154	127003	15.055	ng	99
55) Dibenzofuran	10.080	168	26483	Below Cal		99
58) Fluorene	10.422	166	49081	2.740	ng	98
71) Phenanthrene	11.386	178	109059	9.030	ng	98
72) Anthracene	11.439	178	25655	2.141	ng	97
73) Carbazole	11.604	167	58518	5.106	ng	100

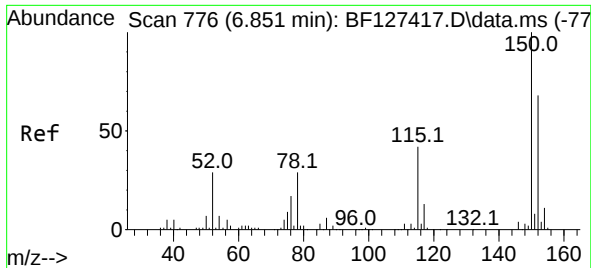
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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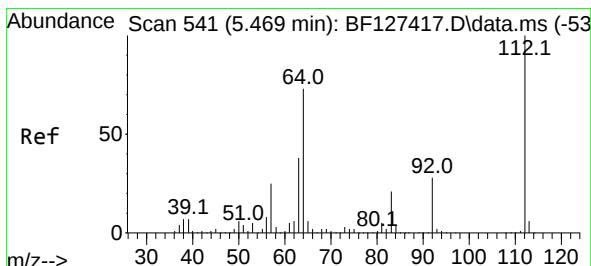
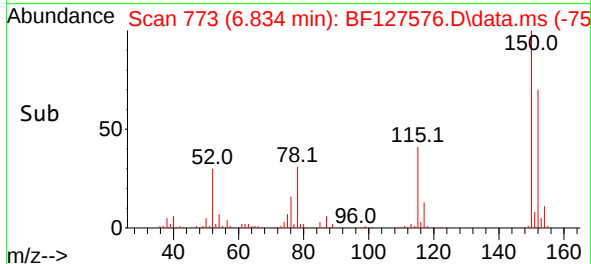
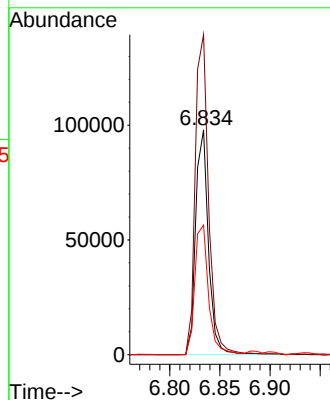
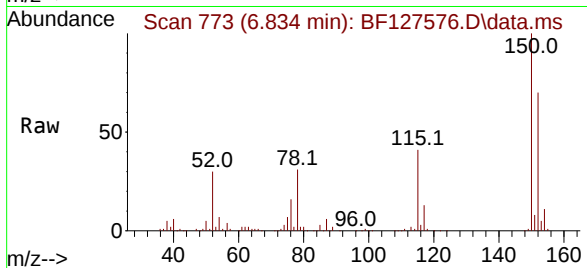




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

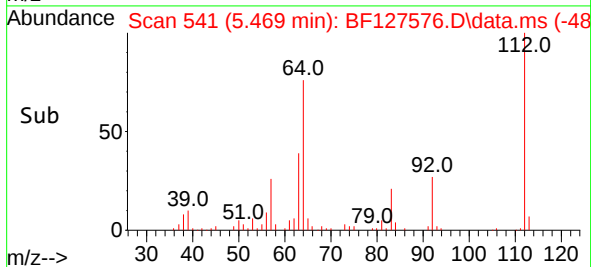
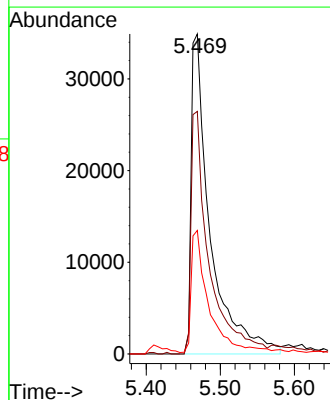
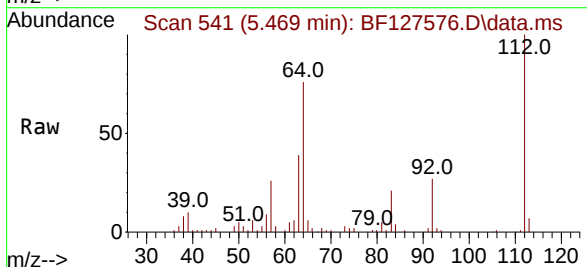
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ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1DL

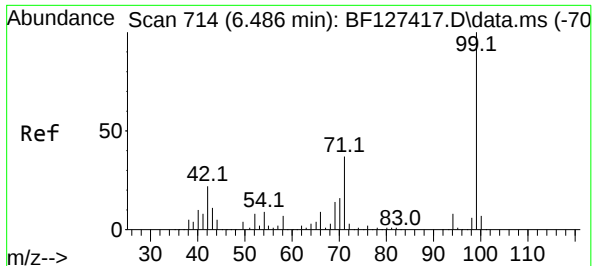
Tgt Ion:152 Resp: 87006
Ion Ratio Lower Upper
152 100
150 142.3 117.2 175.8
115 57.7 49.8 74.6



#5
2-Fluorophenol
Concen: 11.349 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

Tgt Ion:112 Resp: 61858
Ion Ratio Lower Upper
112 100
64 75.8 58.4 87.6
63 38.6 30.1 45.1

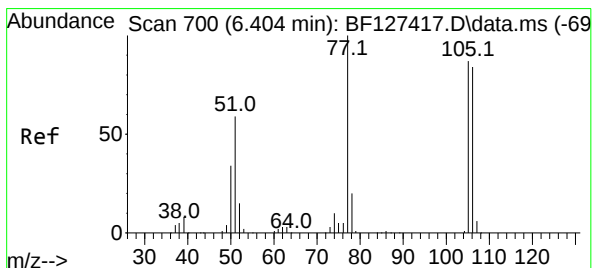
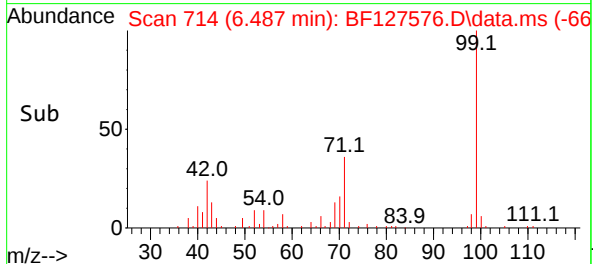
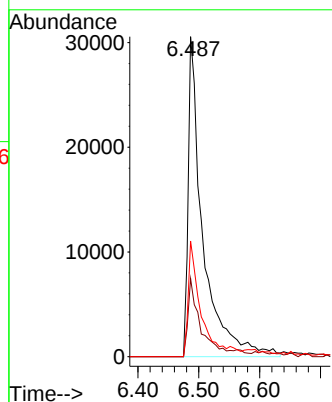
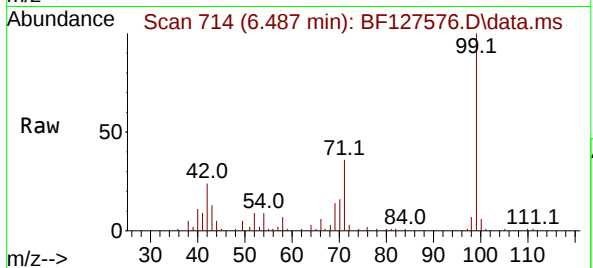




#7
Phenol-d6
Concen: 6.892 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

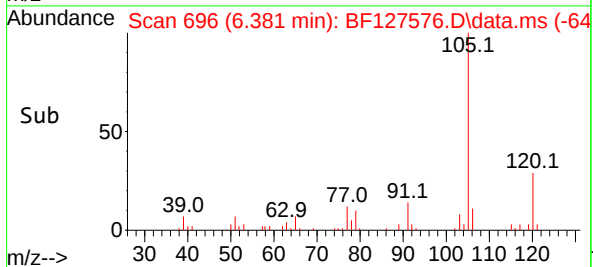
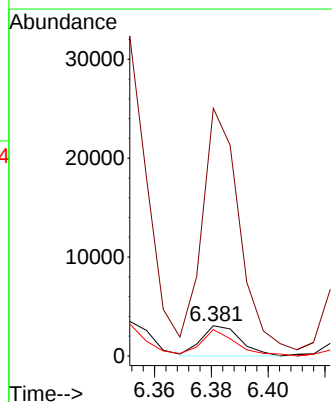
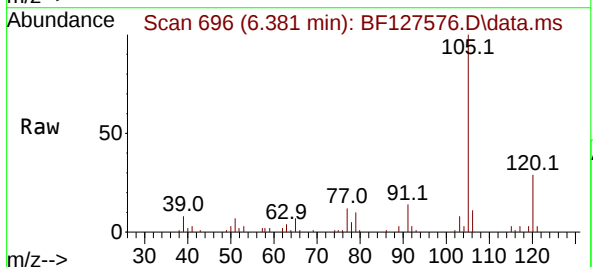
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ClientSampleId :
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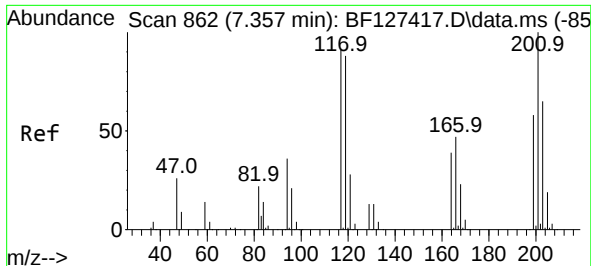
Tgt Ion: 99 Resp: 51353
Ion Ratio Lower Upper
99 100
42 24.4 17.8 26.6
71 36.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 696
Delta R.T. -0.012 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

Tgt Ion: 77 Resp: 2955
Ion Ratio Lower Upper
77 100
105 817.8 66.8 106.8#
106 87.3 64.3 104.3

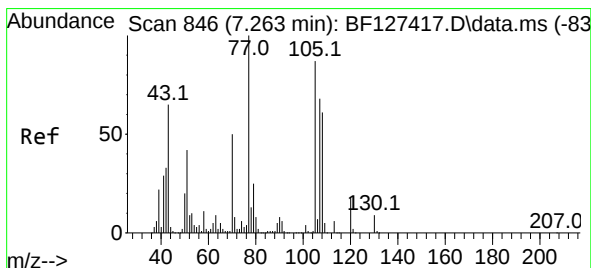
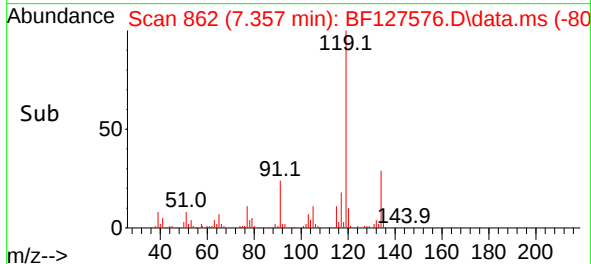
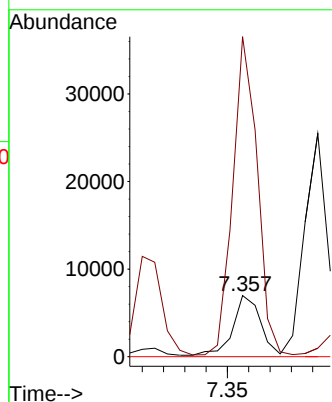
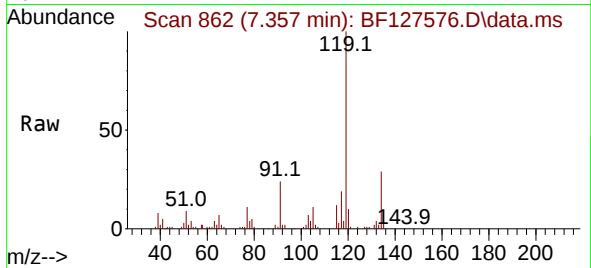




#18
Hexachloroethane
Concen: 2.808 ng
RT: 7.357 min Scan# 862
Delta R.T. 0.018 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

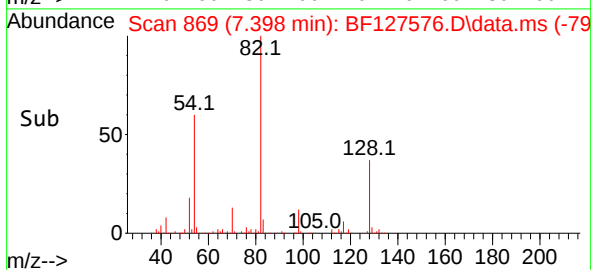
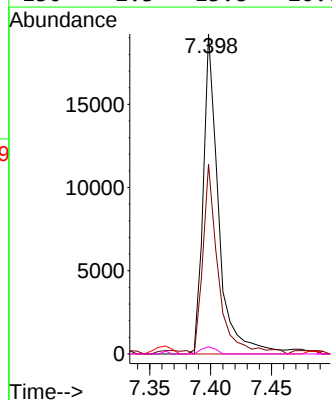
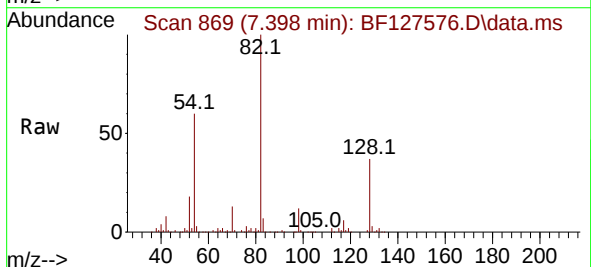
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1DL

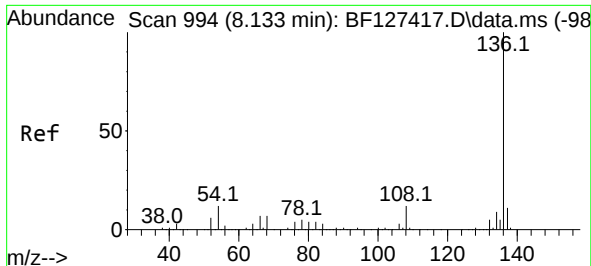
Tgt Ion:117 Resp: 6478
Ion Ratio Lower Upper
117 100
119 523.9 77.6 116.4#
201 0.0 88.2 132.2#



#19
n-Nitroso-di-n-propylamine
Concen: 3.761 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.147 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

Tgt Ion: 70 Resp: 16799
Ion Ratio Lower Upper
70 100
42 59.3 53.0 79.6
101 0.0 6.8 10.2#
130 2.3 13.8 20.6#

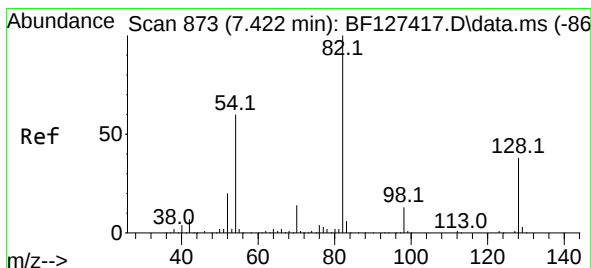
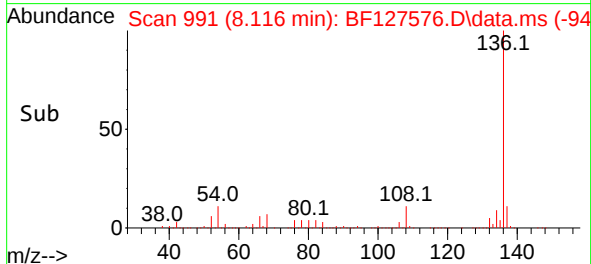
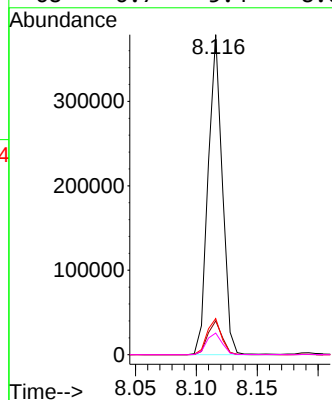
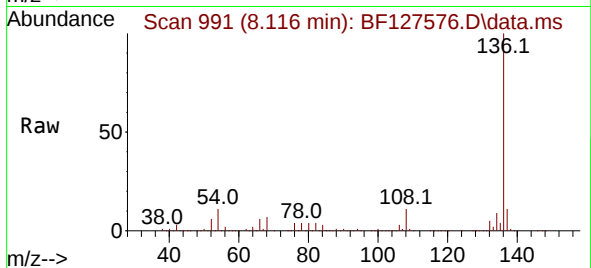




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

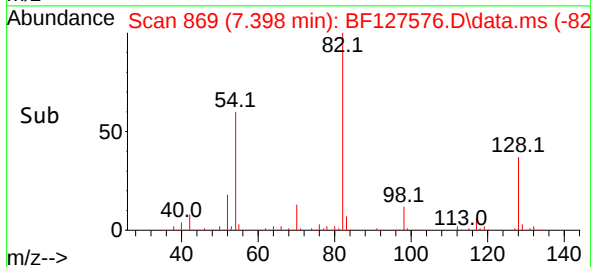
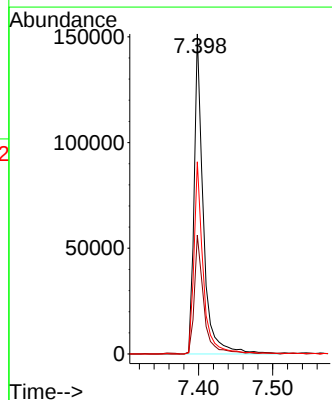
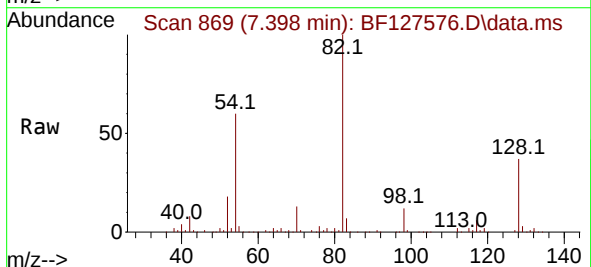
Instrument :
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ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1DL

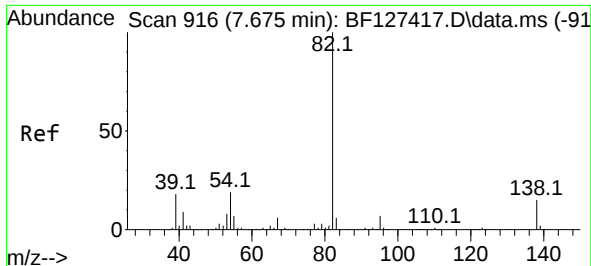
Tgt Ion:136 Resp: 305932
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.3 9.2 13.8
68 6.7 5.4 8.0



#23
Nitrobenzene-d5
Concen: 18.240 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

Tgt Ion: 82 Resp: 130547
Ion Ratio Lower Upper
82 100
128 37.1 30.6 45.8
54 60.1 48.2 72.2

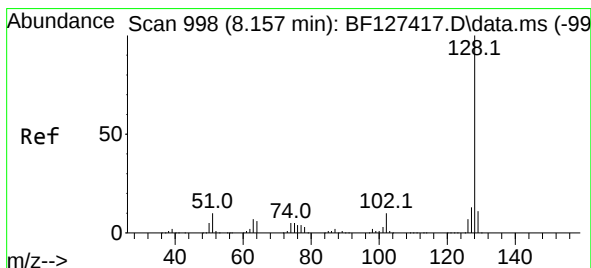
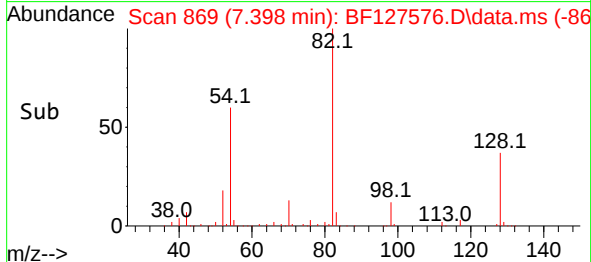
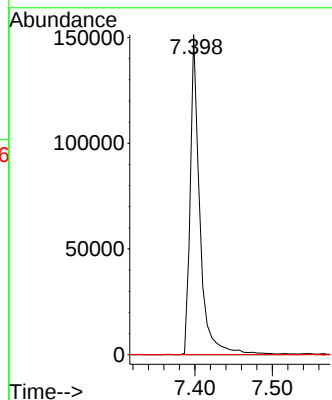
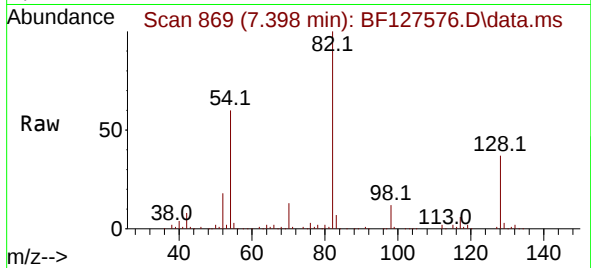




#25
Isophorone
Concen: 11.452 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

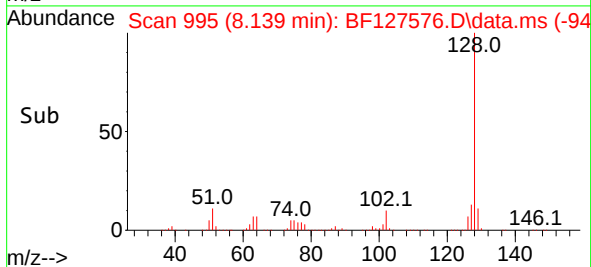
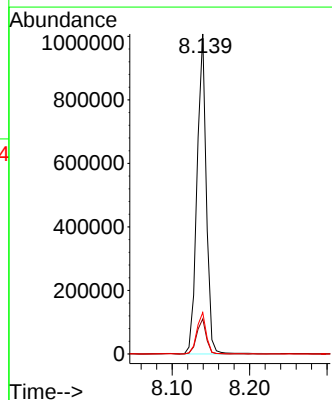
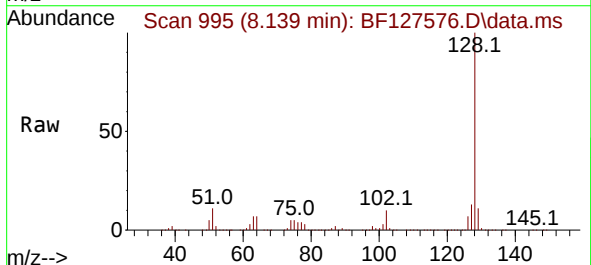
Instrument :
BNA_F
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SPLP-LEACHATE-AMENDED-COMP-CS-1DL

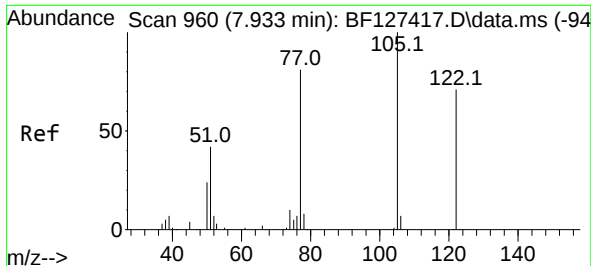
Tgt Ion: 82 Resp: 130546
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#31
Naphthalene
Concen: 51.392 ng
RT: 8.139 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

Tgt Ion:128 Resp: 834729
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.0 10.2 15.2

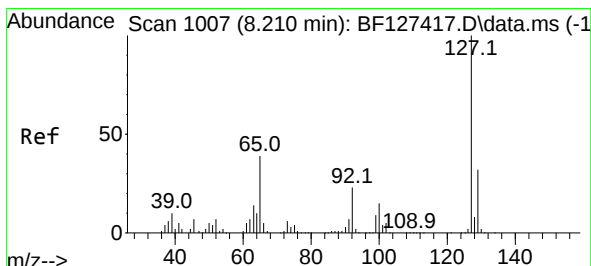
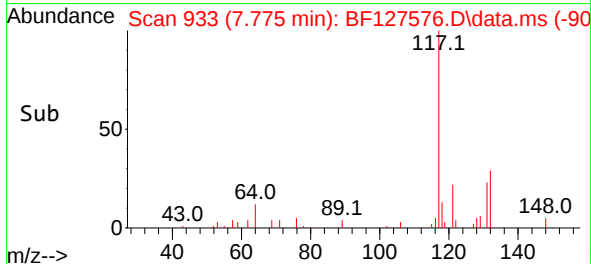
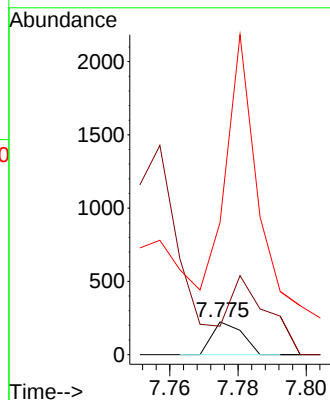
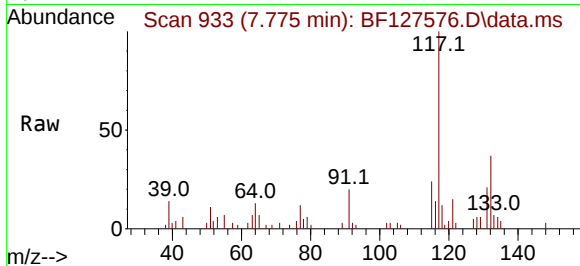




#32
Benzoic acid
Concen: 6.091 ng
RT: 7.775 min Scan# 911
Delta R.T. -0.153 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

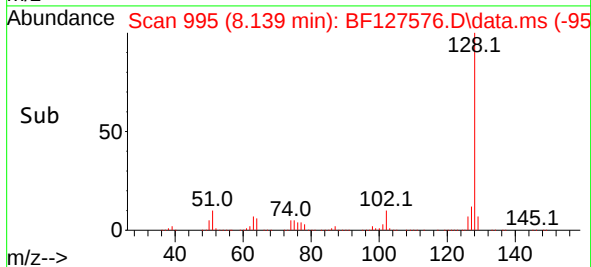
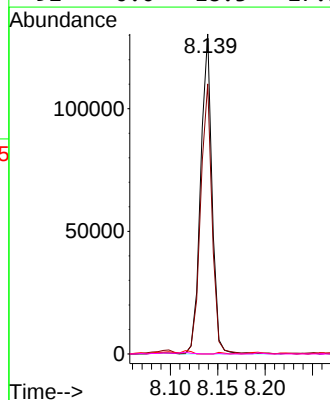
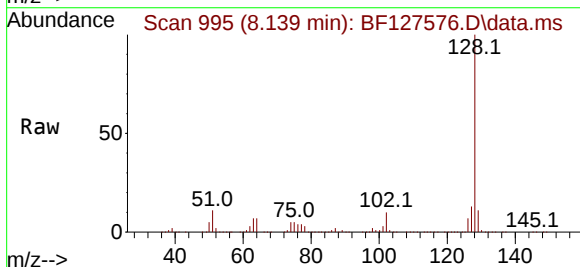
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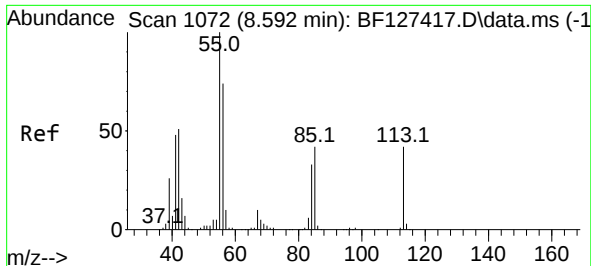
Tgt Ion:122 Resp: 138
Ion Ratio Lower Upper
122 100
105 86.6 117.1 157.1#
77 402.7 93.0 133.0#



#33
4-Chloroaniline
Concen: 17.392 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.059 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

Tgt Ion:127 Resp: 109463
Ion Ratio Lower Upper
127 100
129 84.4 25.9 38.9#
65 0.0 31.4 47.0#
92 0.0 18.3 27.5#

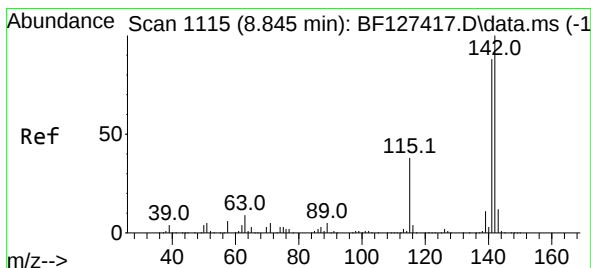
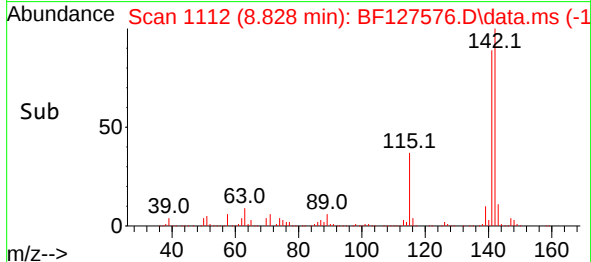
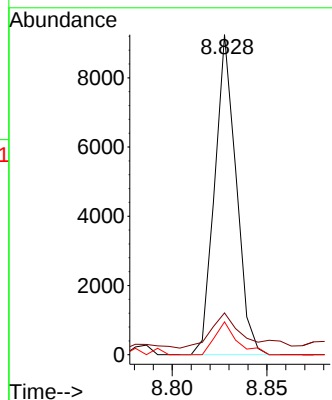
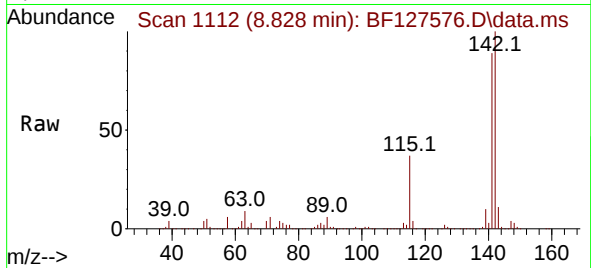




#35
 Caprolactam
 Concen: 4.843 ng
 RT: 8.828 min Scan# 1112
 Delta R.T. 0.241 min
 Lab File: BF127576.D
 Acq: 29 Mar 2022 20:17

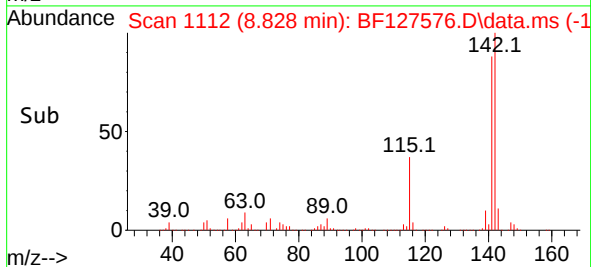
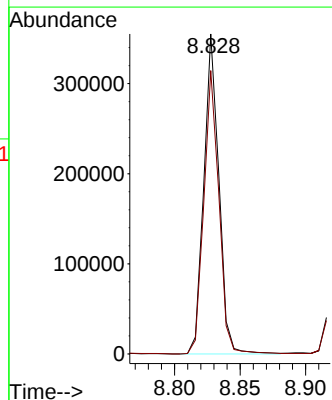
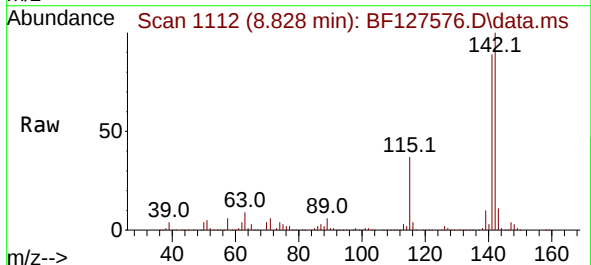
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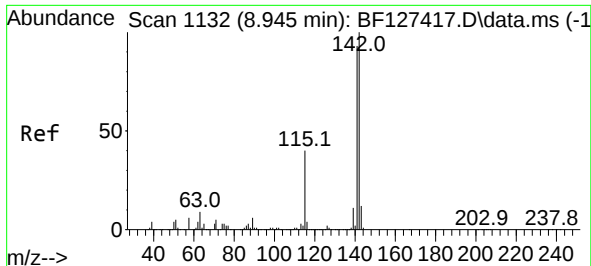
Tgt Ion:113 Resp: 7298
 Ion Ratio Lower Upper
 113 100
 55 13.1 218.7 258.7#
 56 10.2 156.2 196.2#



#37
 2-Methylnaphthalene
 Concen: 27.220 ng
 RT: 8.828 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF127576.D
 Acq: 29 Mar 2022 20:17

Tgt Ion:142 Resp: 284290
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.6 106.0

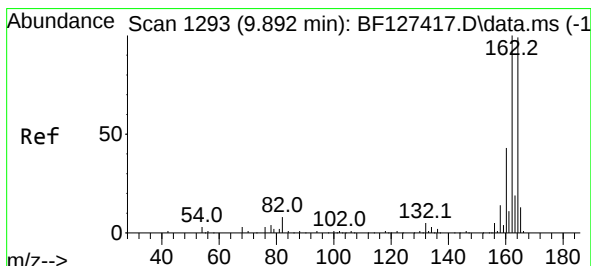
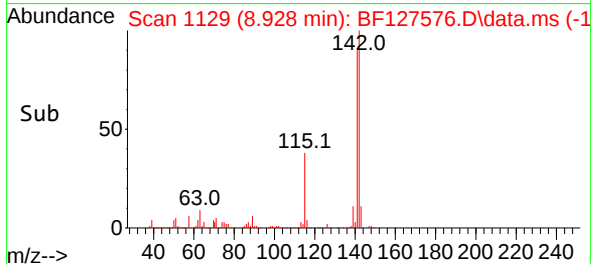
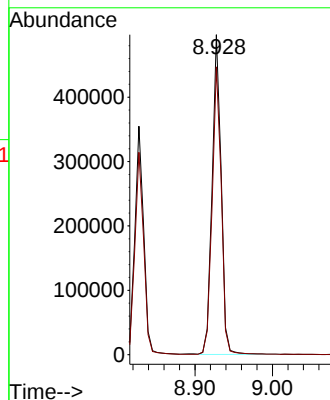
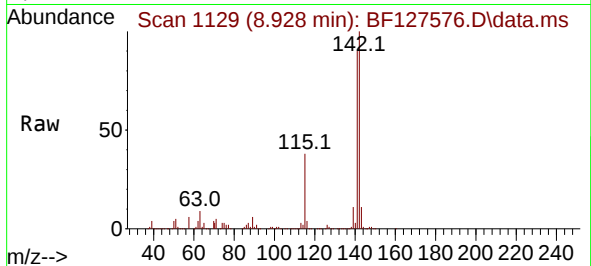




#38
1-Methylnaphthalene
Concen: 39.096 ng
RT: 8.928 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

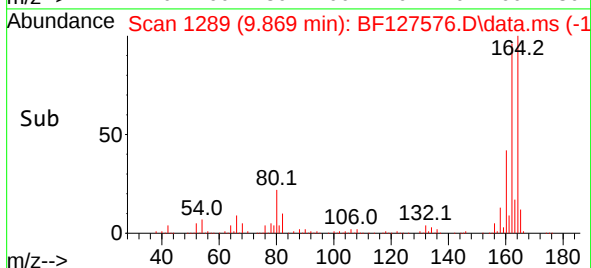
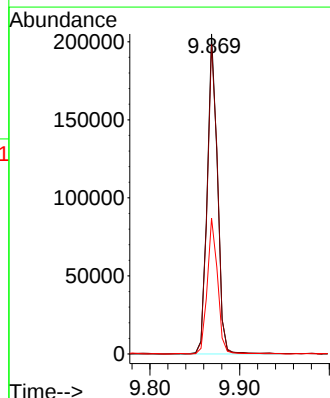
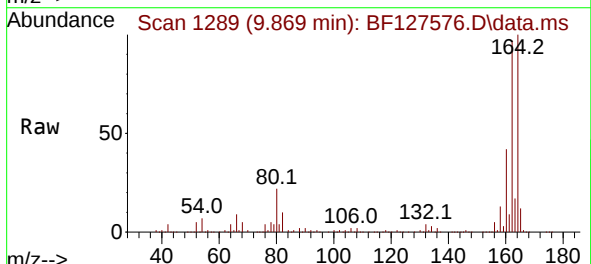
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1DL

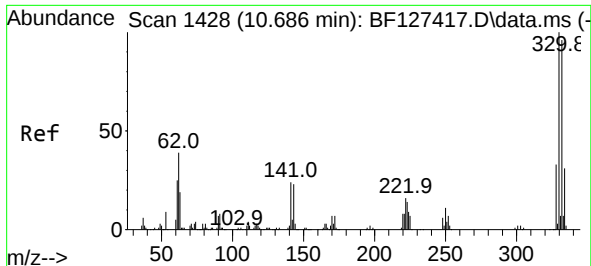
Tgt Ion:142 Resp: 403750
Ion Ratio Lower Upper
142 100
141 89.9 74.2 111.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

Tgt Ion:164 Resp: 160806
Ion Ratio Lower Upper
164 100
162 96.6 81.2 121.8
160 42.5 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 19.267 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF127576.D

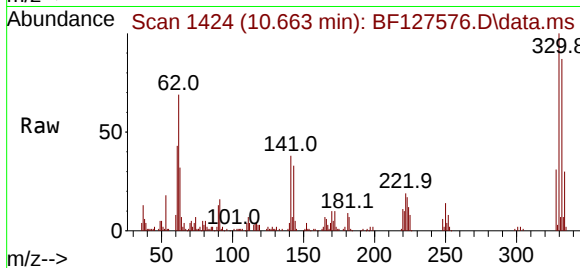
Acq: 29 Mar 2022 20:17

Instrument :

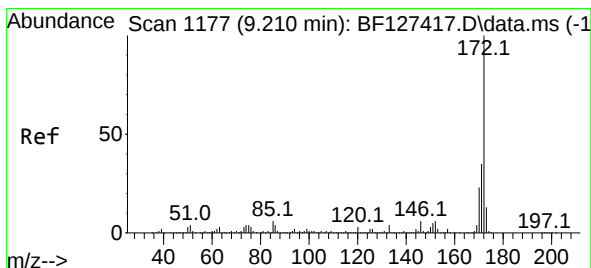
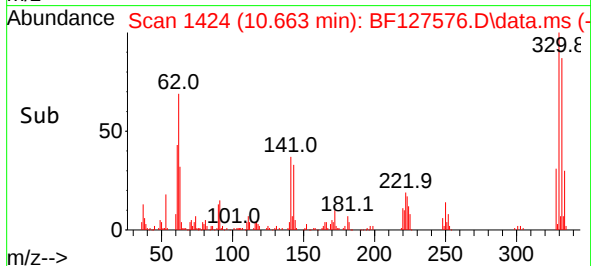
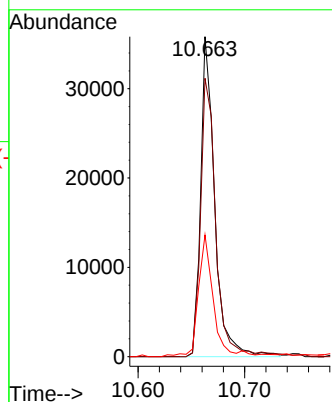
BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP-CS-1DL



Tgt Ion:	330	Resp:	33005
Ion Ratio	Lower	Upper	
330	100		
332	94.8	79.1	118.7
141	41.3	26.2	39.4



#45

2-Fluorobiphenyl

Concen: 20.637 ng

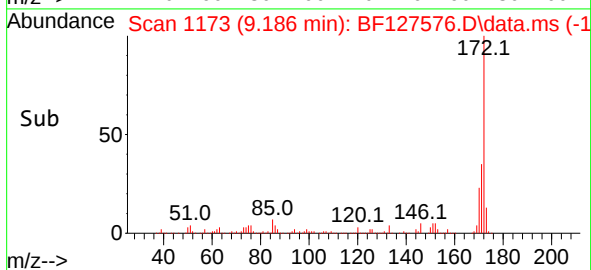
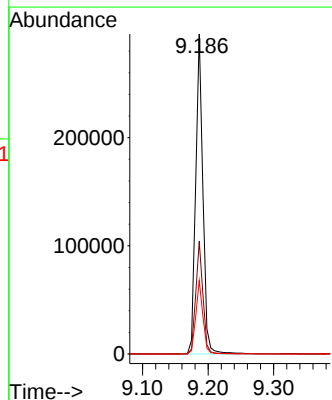
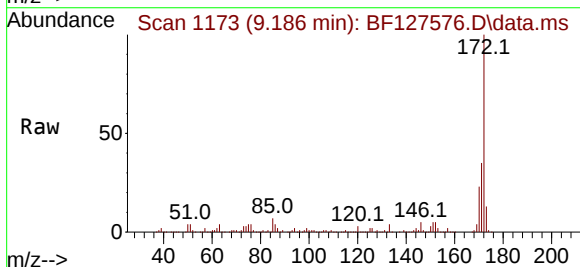
RT: 9.186 min Scan# 1173

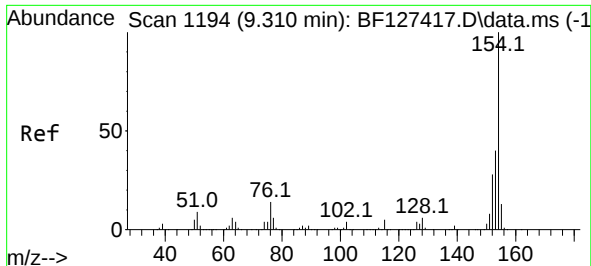
Delta R.T. -0.006 min

Lab File: BF127576.D

Acq: 29 Mar 2022 20:17

Tgt Ion:	172	Resp:	227262
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.4	42.6
170	22.9	18.6	27.8





#46

1,1'-Biphenyl

Concen: 2.228 ng

RT: 9.292 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF127576.D

Acq: 29 Mar 2022 20:17

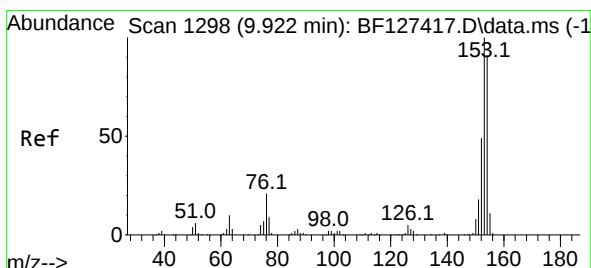
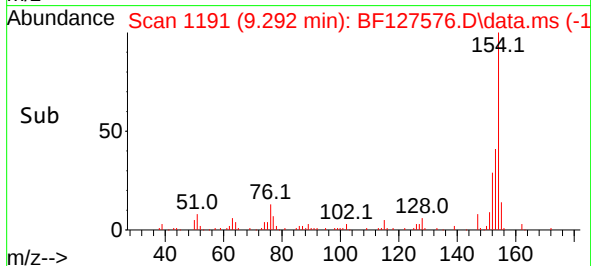
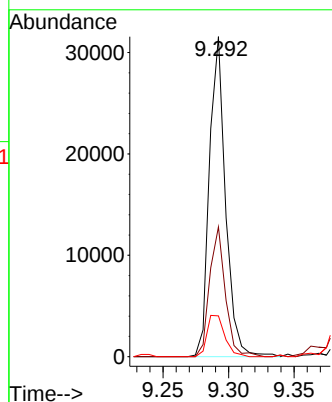
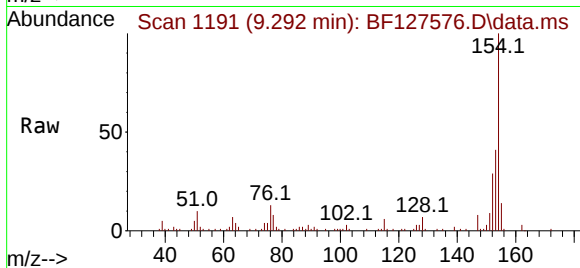
Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP-CS-1DL

Tgt Ion:154	Resp:	27065
Ion Ratio	Lower	Upper
154	100	
153	40.5	20.3 60.3
76	12.8	0.0 33.9



#52

Acenaphthene

Concen: 15.055 ng

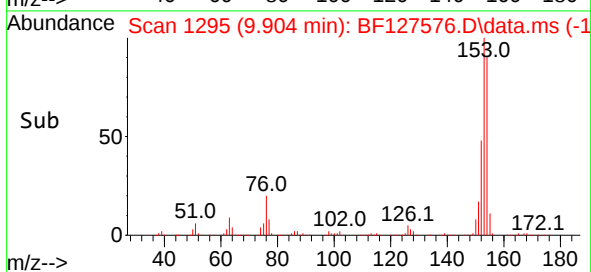
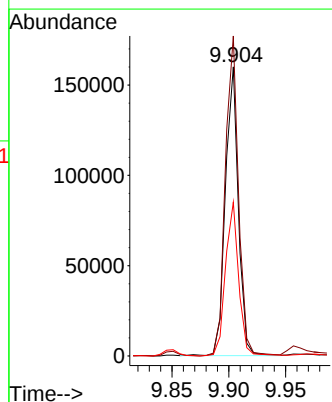
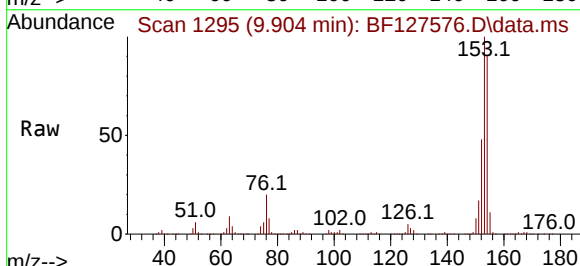
RT: 9.904 min Scan# 1295

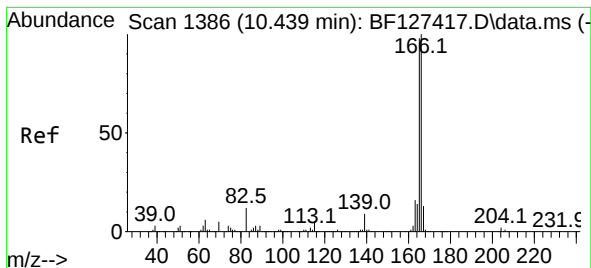
Delta R.T. -0.006 min

Lab File: BF127576.D

Acq: 29 Mar 2022 20:17

Tgt Ion:154	Resp:	127003
Ion Ratio	Lower	Upper
154	100	
153	110.7	87.6 131.4
152	53.2	42.9 64.3





#58

Fluorene

Concen: 2.740 ng

RT: 10.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127576.D

Acq: 29 Mar 2022 20:17

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP-CS-1DL

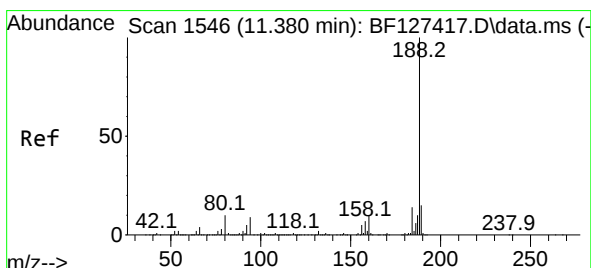
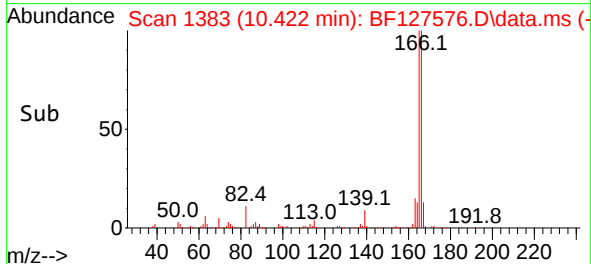
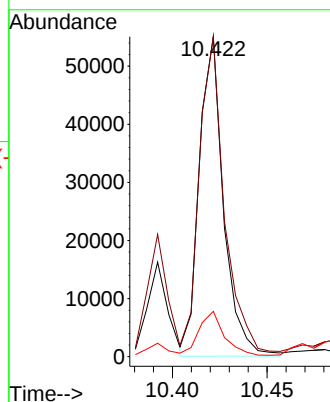
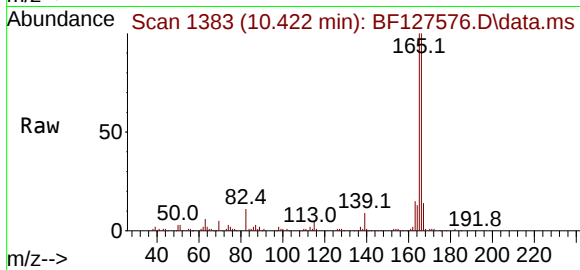
Tgt Ion:166 Resp: 49081

Ion Ratio Lower Upper

166 100

165 100.0 78.1 117.1

167 14.1 10.5 15.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BF127576.D

Acq: 29 Mar 2022 20:17

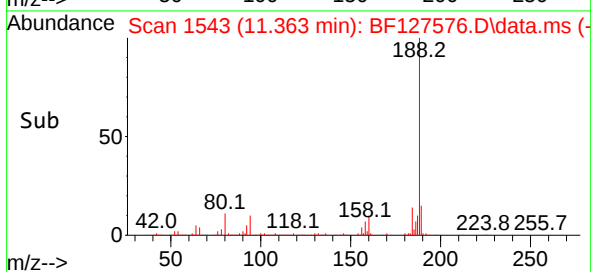
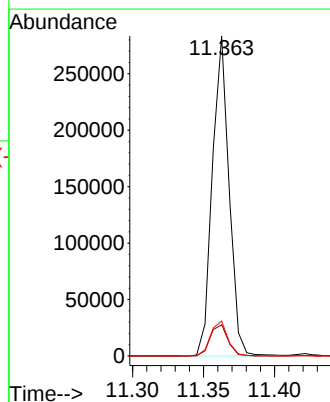
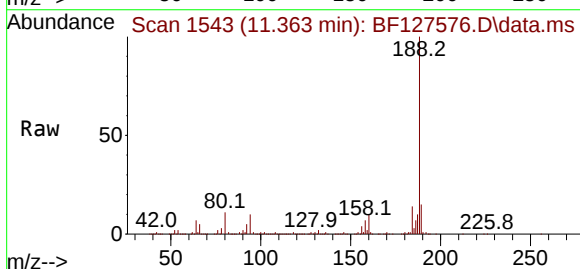
Tgt Ion:188 Resp: 231649

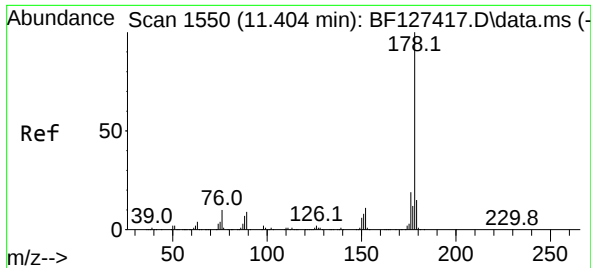
Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.0

80 10.9 8.0 12.0

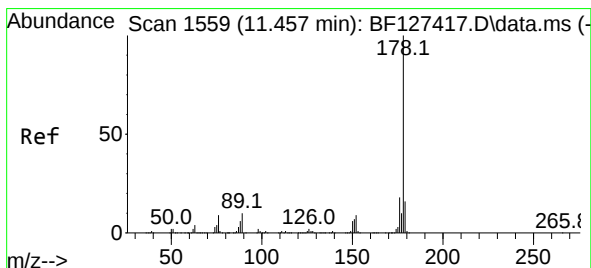
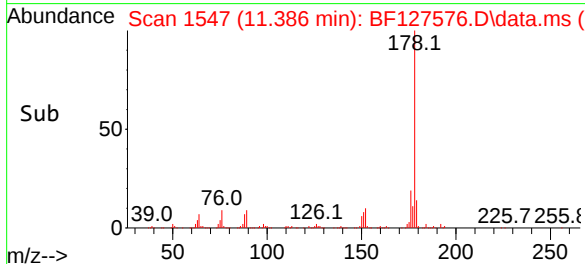
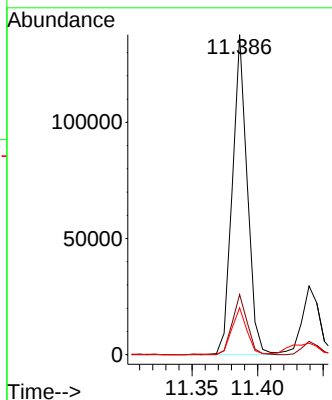
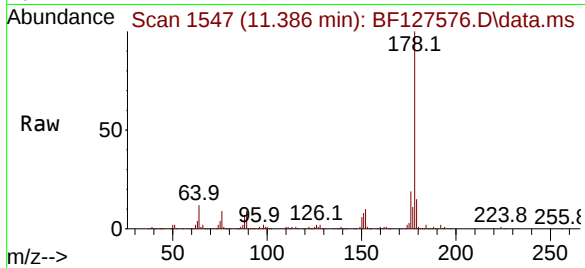




#71
Phenanthrene
Concen: 9.030 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

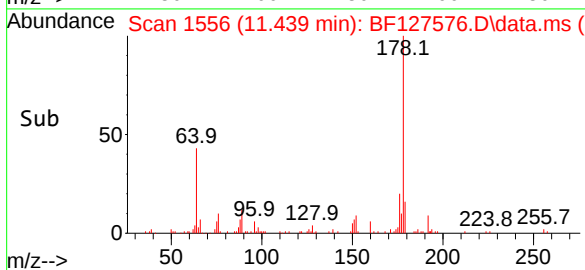
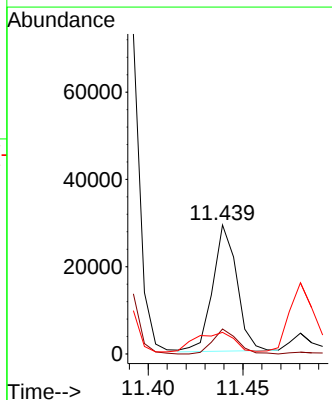
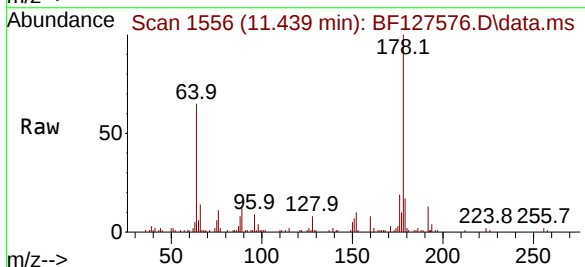
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1DL

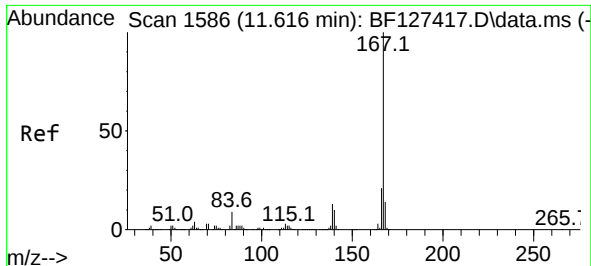
Tgt Ion:178 Resp: 109059
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 14.6 12.4 18.6



#72
Anthracene
Concen: 2.141 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

Tgt Ion:178 Resp: 25655
Ion Ratio Lower Upper
178 100
176 19.3 14.6 22.0
179 16.8 12.4 18.6

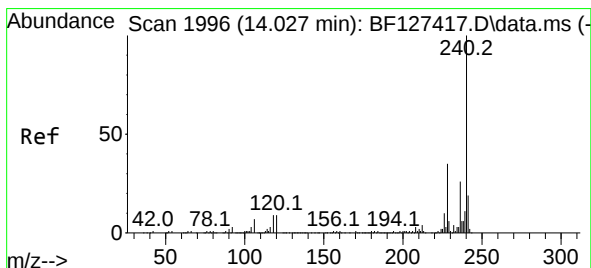
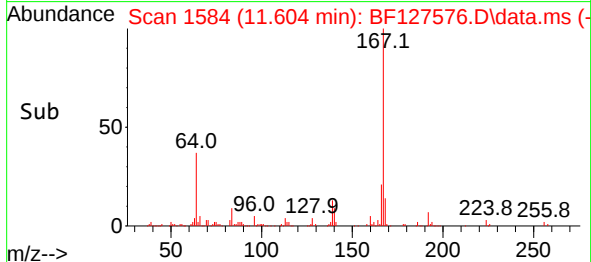
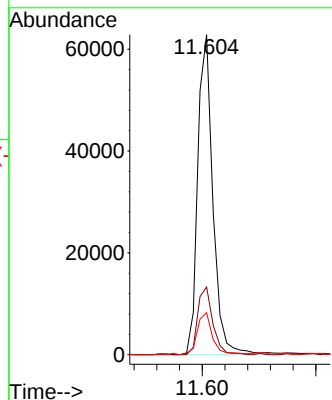
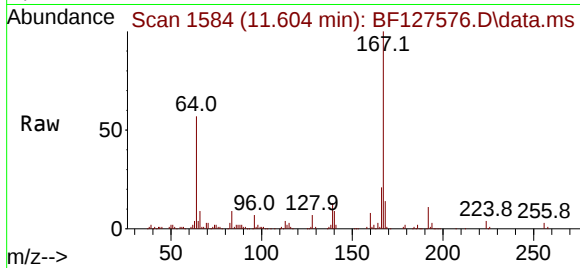




#73
 Carbazole
 Concen: 5.106 ng
 RT: 11.604 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127576.D
 Acq: 29 Mar 2022 20:17

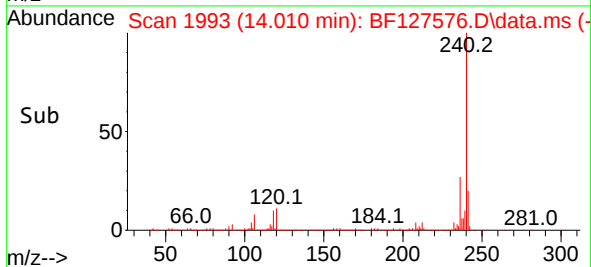
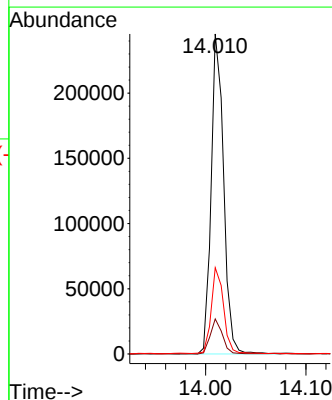
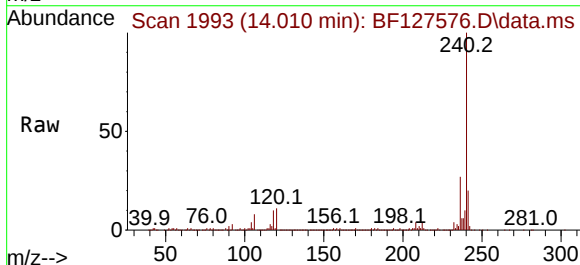
Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1DL

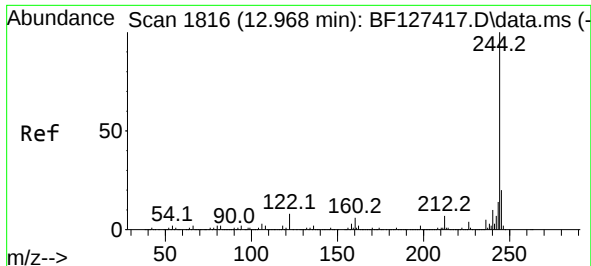
Tgt Ion:167 Resp: 58518
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 13.1 10.5 15.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.010 min Scan# 1993
 Delta R.T. -0.006 min
 Lab File: BF127576.D
 Acq: 29 Mar 2022 20:17

Tgt Ion:240 Resp: 213021
 Ion Ratio Lower Upper
 240 100
 120 11.0 7.1 10.7#
 236 26.9 20.7 31.1

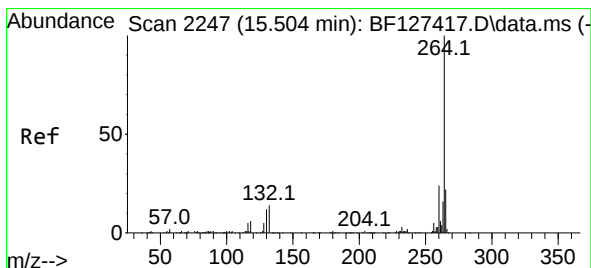
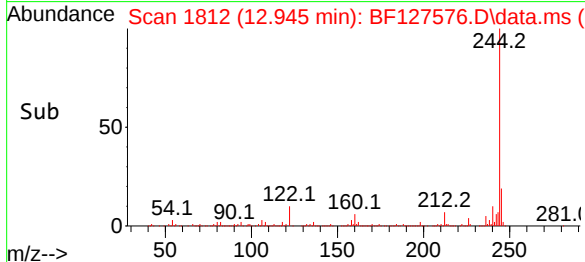
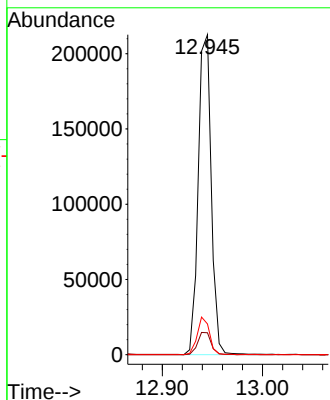
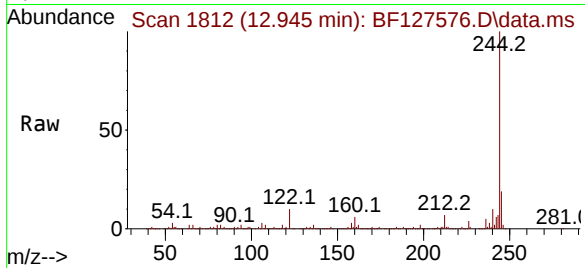




#79
 Terphenyl-d14
 Concen: 14.791 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF127576.D
 Acq: 29 Mar 2022 20:17

Instrument : BNA_F
 ClientSampleId : SPLP-LEACHATE-AMENDED-COMP-CS-1DL

Tgt Ion:244 Resp: 192472
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.6 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF127576.D
 Acq: 29 Mar 2022 20:17

Tgt Ion:264 Resp: 219262
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 20.8 17.4 26.2

