

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)

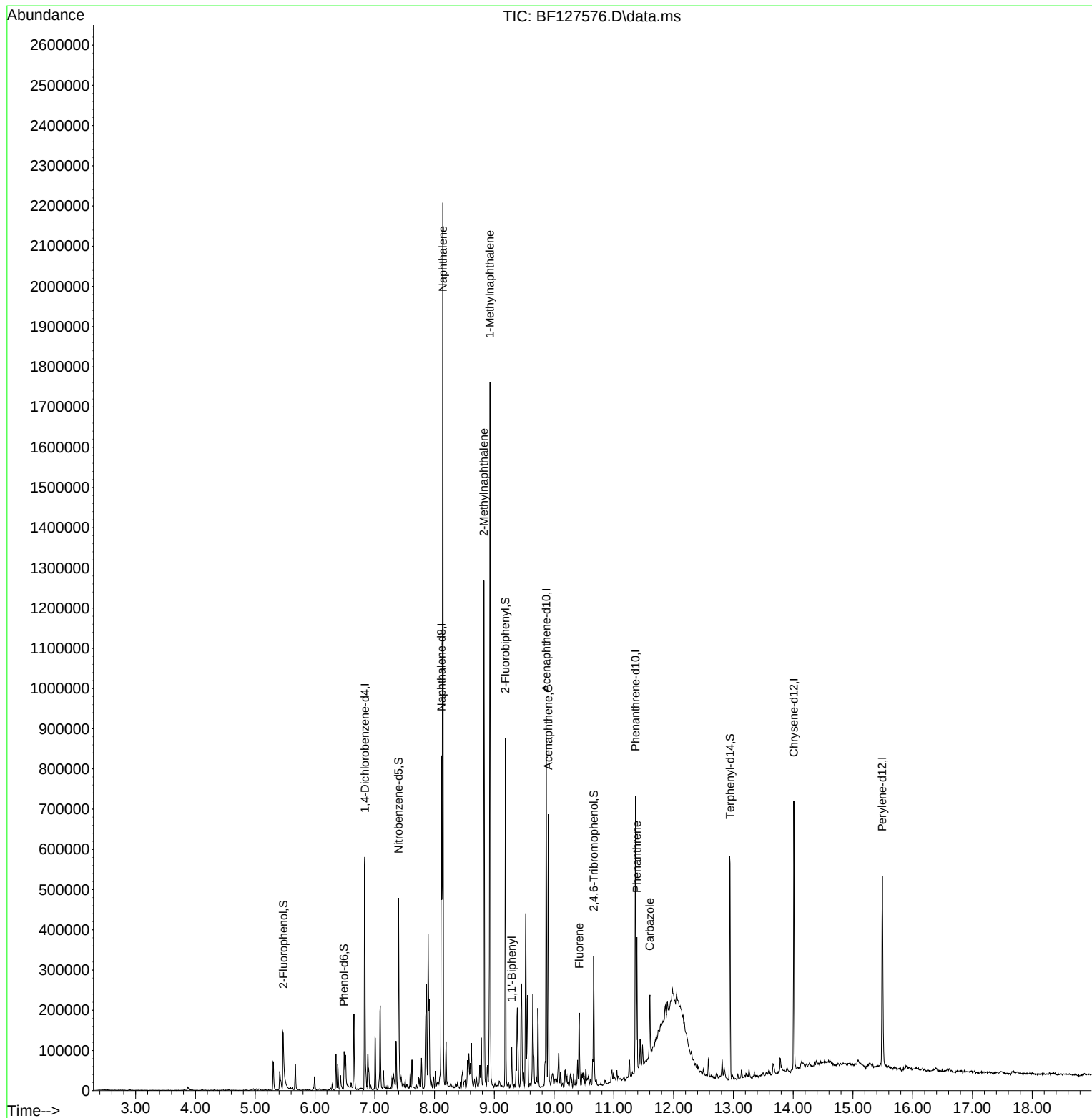
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	87006	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	305932	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	160806	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	231649	20.000	ng	0.00
76) Chrysene-d12	14.010	240	213021	20.000	ng	# 0.00
86) Perylene-d12	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
31) Naphthalene	8.139	128	834729	51.392	ng	99
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
58) Fluorene	10.422	166	49081	2.740	ng	98
71) Phenanthrene	11.386	178	109059	9.030	ng	98
73) Carbazole	11.604	167	58518	5.106	ng	100

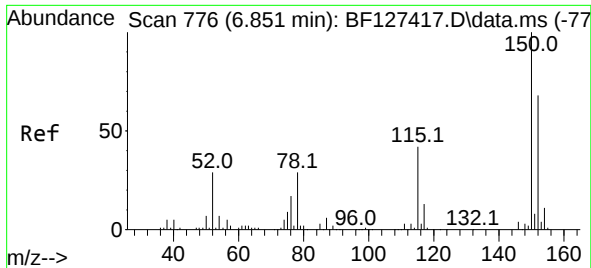
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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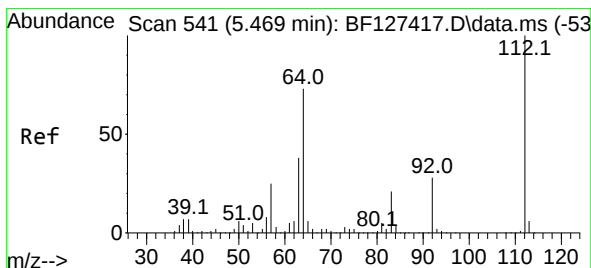
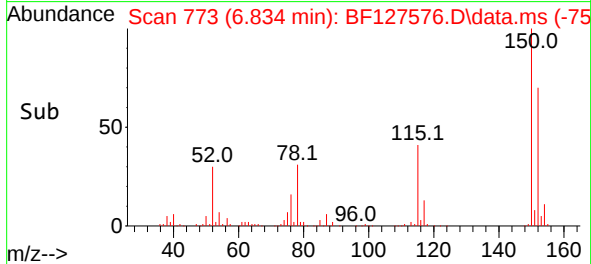
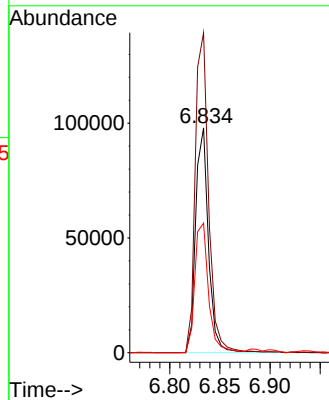
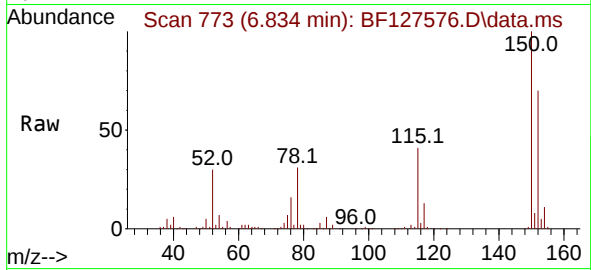




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

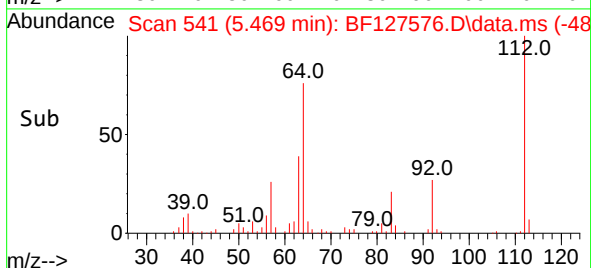
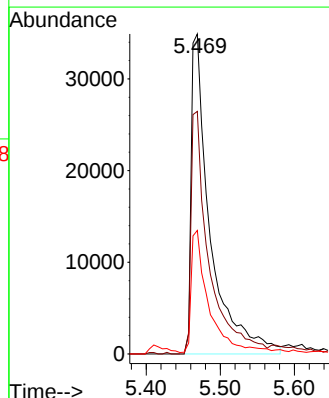
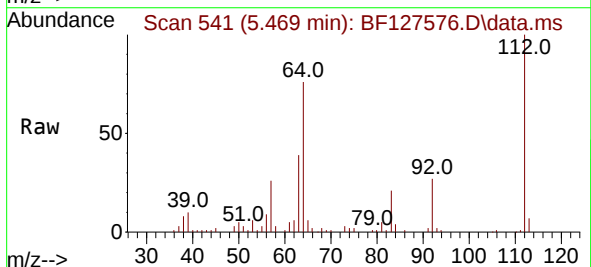
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1DL

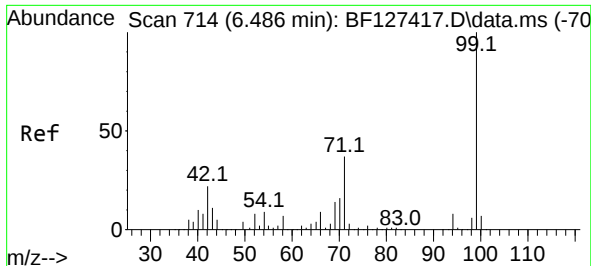
Tgt Ion:152 Resp: 87006
Ion Ratio Lower Upper
152 100
150 142.3 117.2 175.8
115 57.7 49.8 74.6



#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

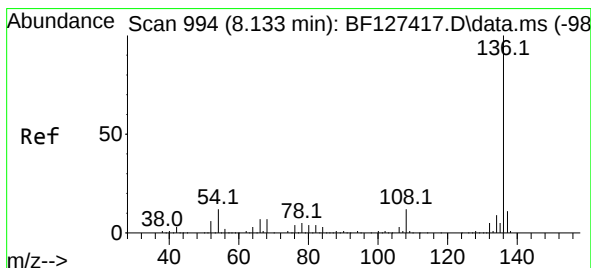
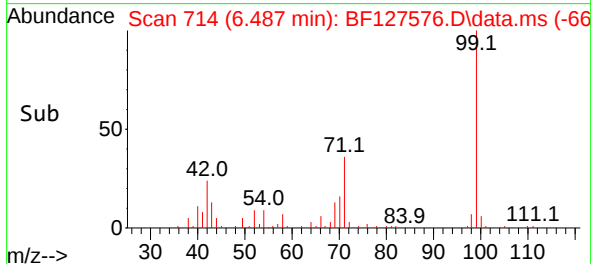
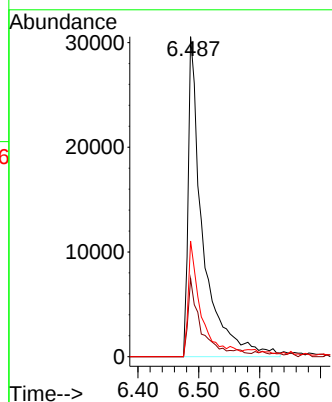
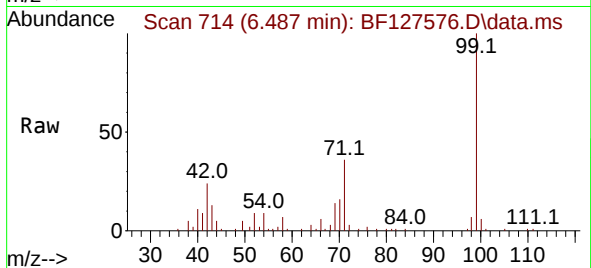




#7
Phenol-d6
Concen: 6.892 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

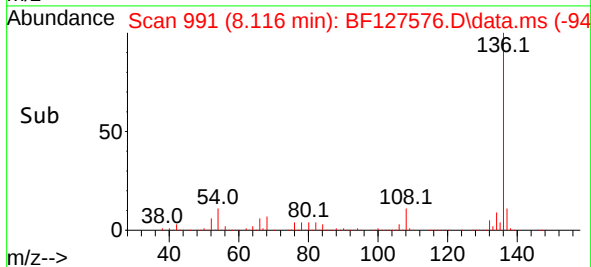
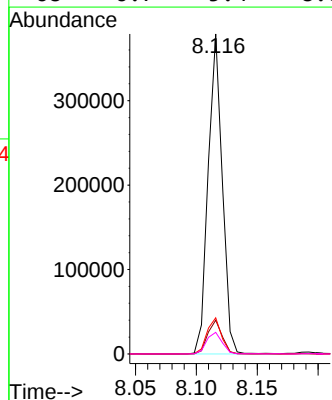
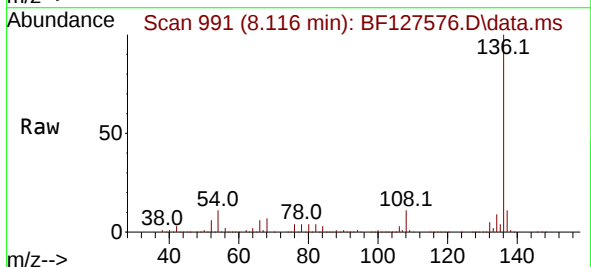
Instrument :
BNA_F
ClientSampleId :
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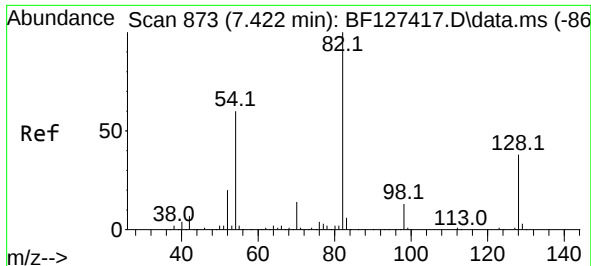
Tgt Ion: 99 Resp: 51353
Ion Ratio Lower Upper
99 100
42 24.4 17.8 26.6
71 36.1 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

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# 8

Delta R.T. -0.012 min

Lab File: BF127576.D

Acq: 29 Mar 2022 20:17

Instrument :

BNA_F

ClientSampleId :

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

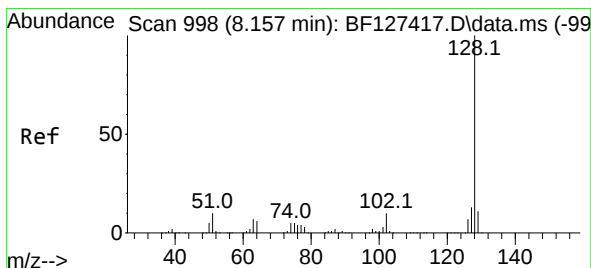
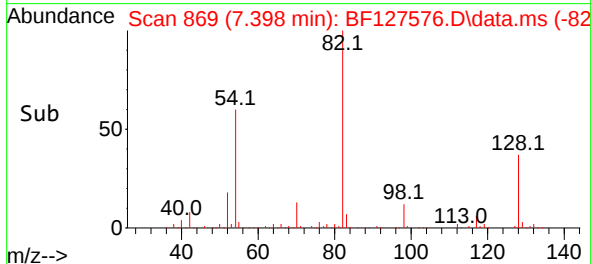
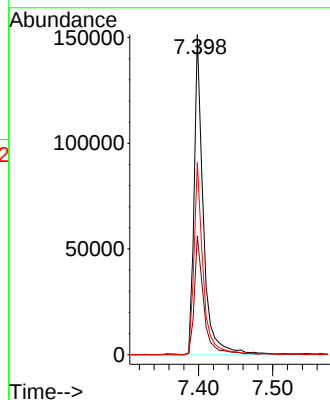
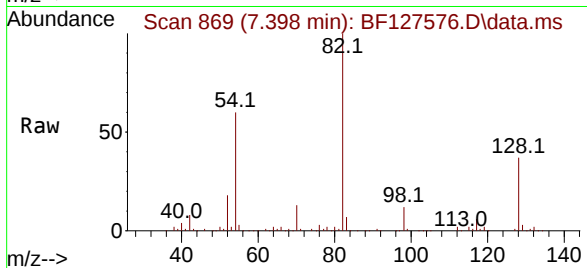
Tgt Ion: 82 Resp: 130547

Ion Ratio Lower Upper

82 100

128 37.1 30.6 45.8

54 60.1 48.2 72.2



#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

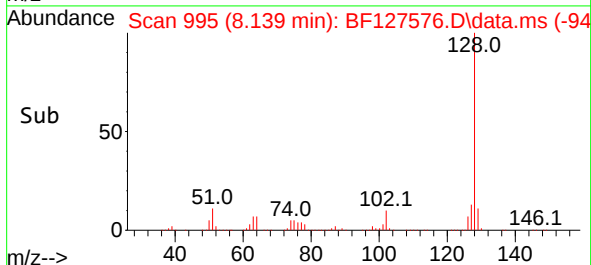
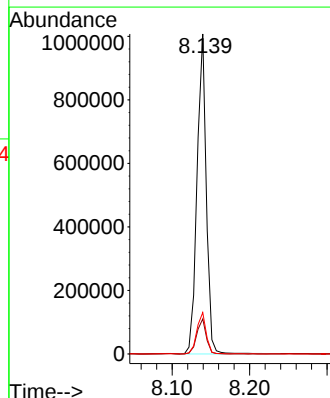
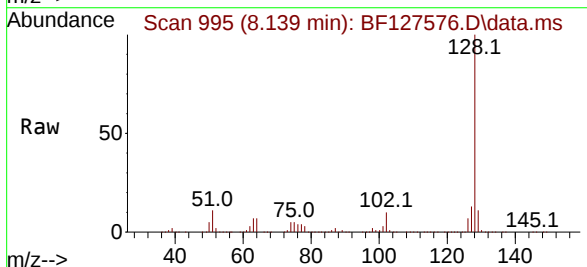
Tgt Ion:128 Resp: 834729

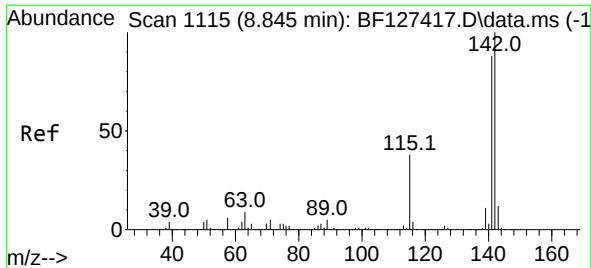
Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 13.0 10.2 15.2

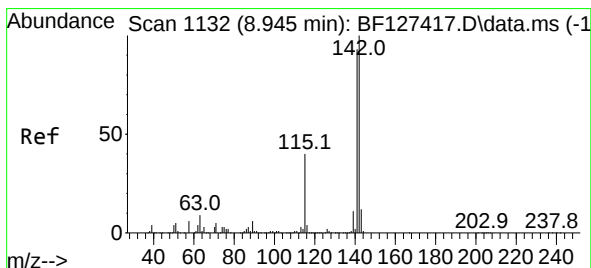
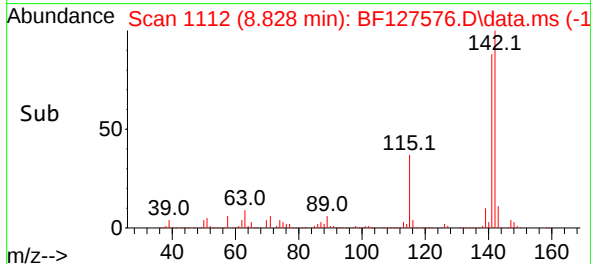
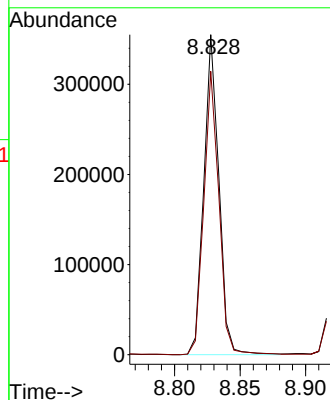
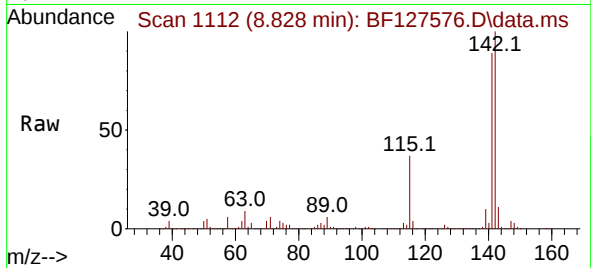




#37
2-Methylnaphthalene
Concen: 27.220 ng
RT: 8.828 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

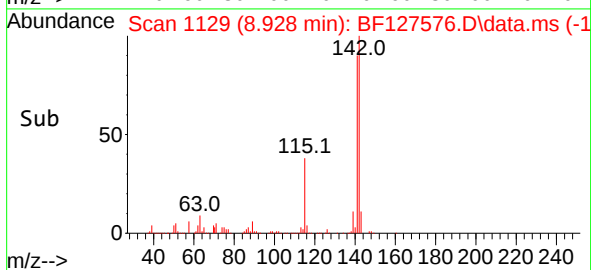
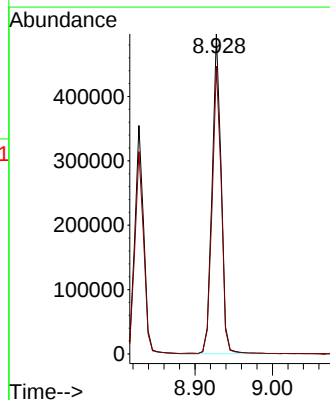
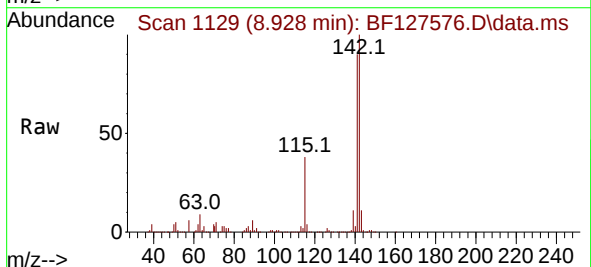
Instrument :
BNA_F
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SPLP-LEACHATE-AMENDED-COMP-CS-1DL

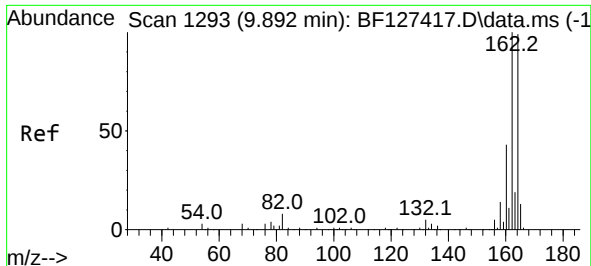
Tgt Ion:142 Resp: 284290
Ion Ratio Lower Upper
142 100
141 88.6 70.6 106.0



#38
1-Methylnaphthalene
Concen: 39.096 ng
RT: 8.928 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

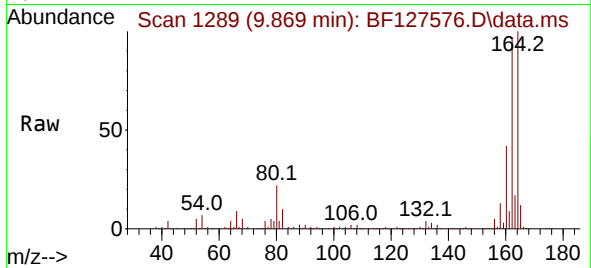
Tgt Ion:142 Resp: 403750
Ion Ratio Lower Upper
142 100
141 89.9 74.2 111.2



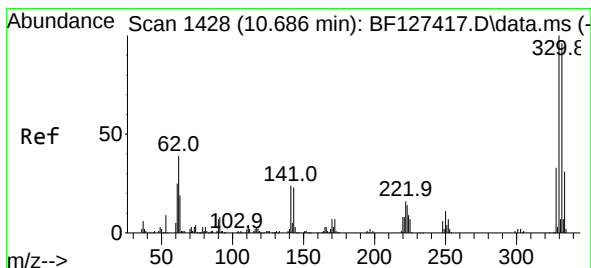
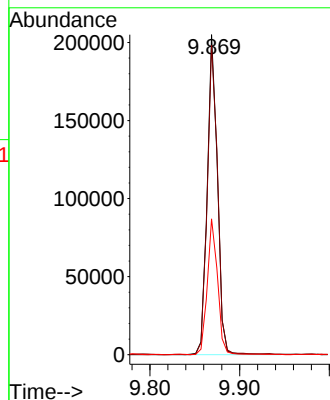
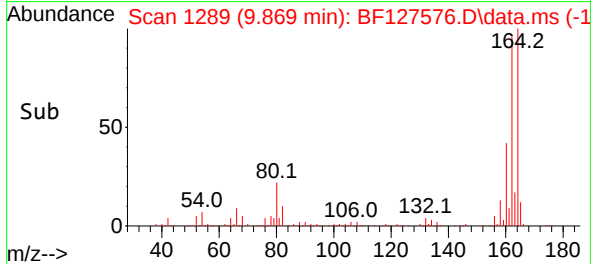


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

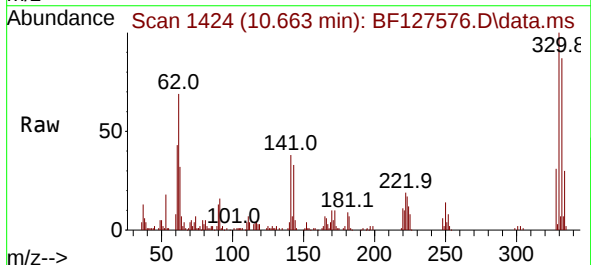
Instrument : BNA_F
ClientSampleId : SPLP-LEACHATE-AMENDED-COMP-CS-1DL



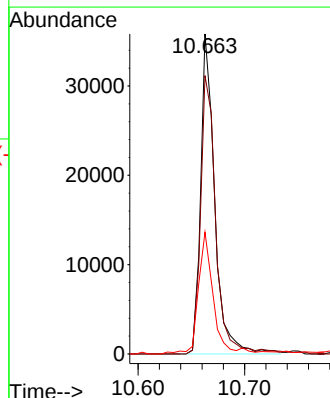
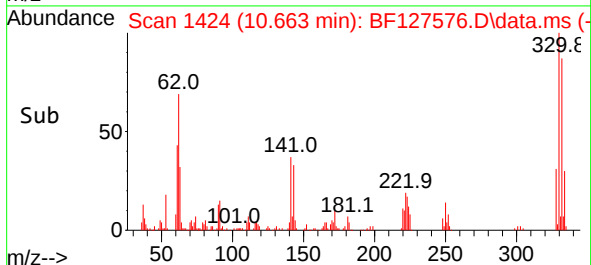
Tgt Ion:164 Resp: 160806
Ion Ratio Lower Upper
164 100
162 96.6 81.2 121.8
160 42.5 34.6 52.0

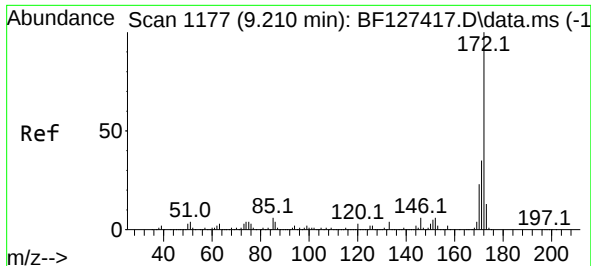


#42
2,4,6-Tribromophenol
Concen: 19.267 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17



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#

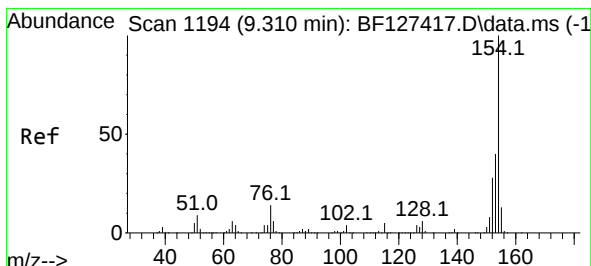
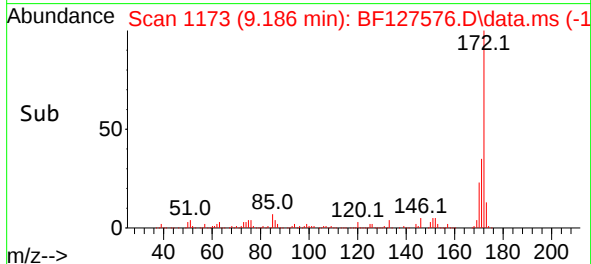
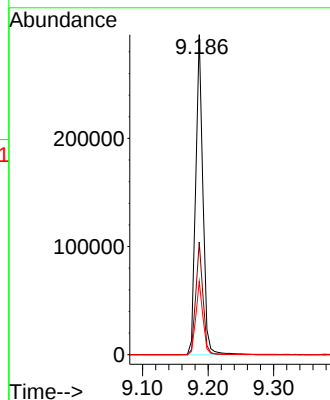
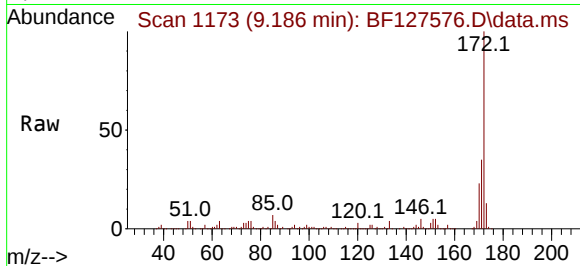




#45
2-Fluorobiphenyl
Concen: 20.637 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

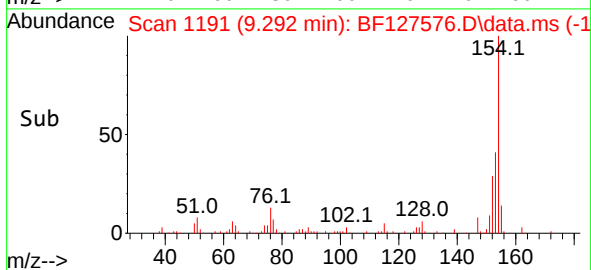
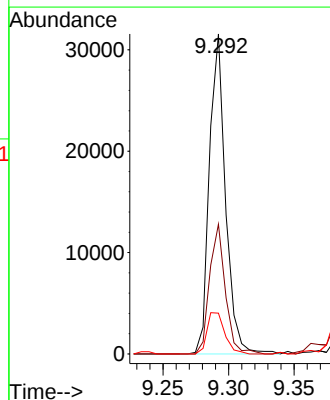
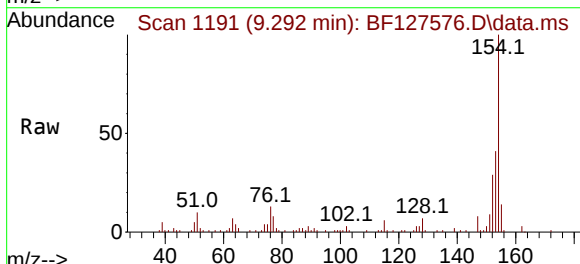
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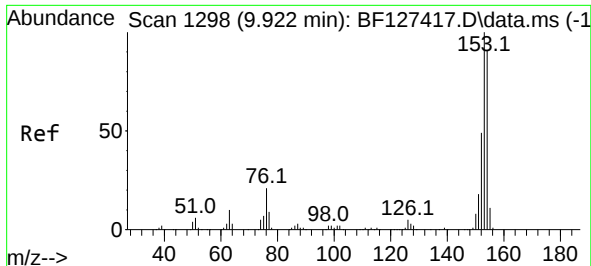
Tgt Ion:172 Resp: 227262
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 22.9 18.6 27.8



#46
1,1'-Biphenyl
Concen: 2.228 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

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

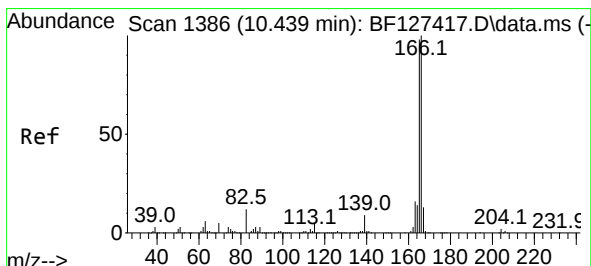
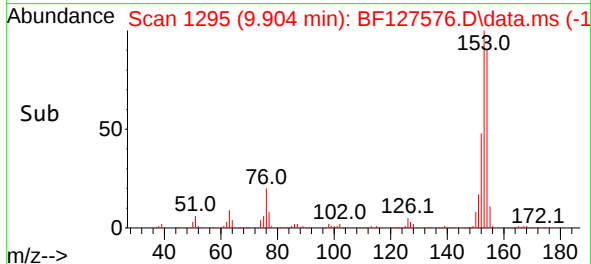
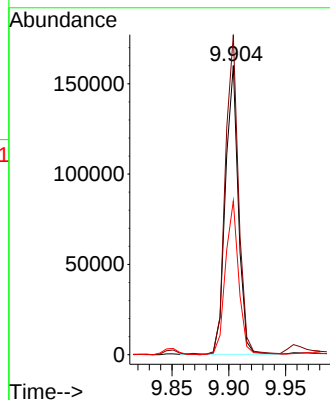
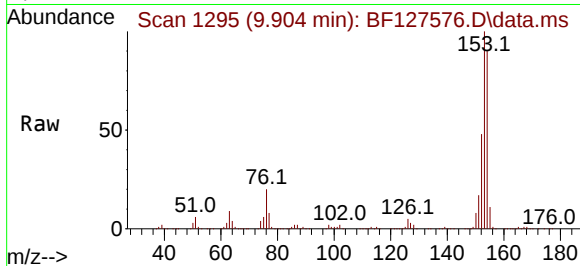




#52
Acenaphthene
Concen: 15.055 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

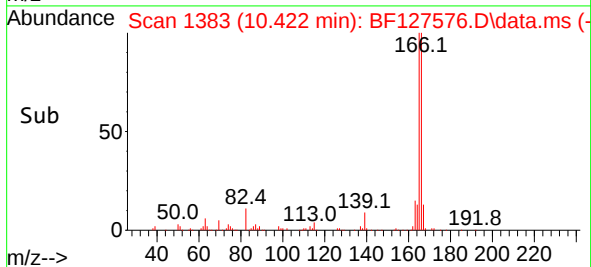
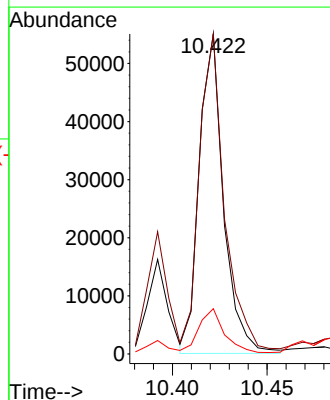
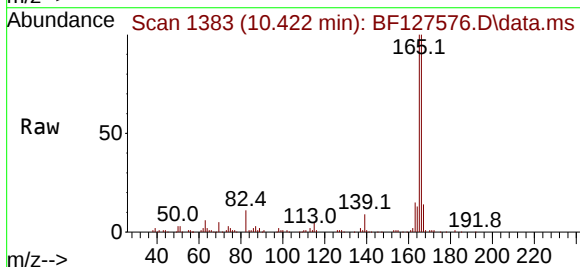
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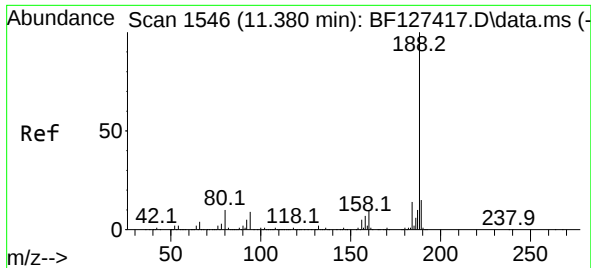
Tgt Ion:154 Resp: 127003
Ion Ratio Lower Upper
154 100
153 110.7 87.6 131.4
152 53.2 42.9 64.3



#58
Fluorene
Concen: 2.740 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

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

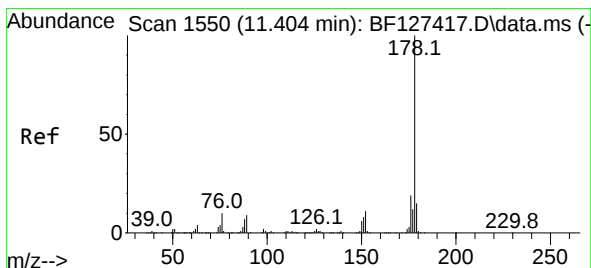
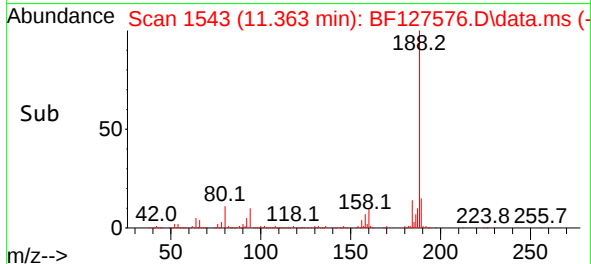
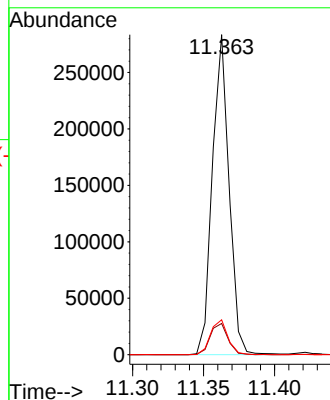
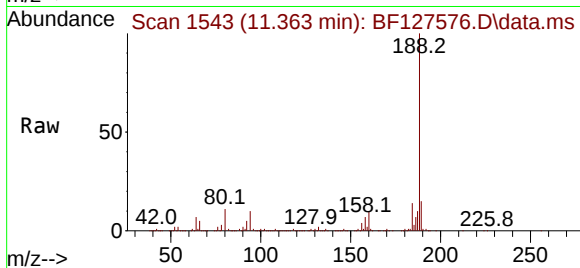




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

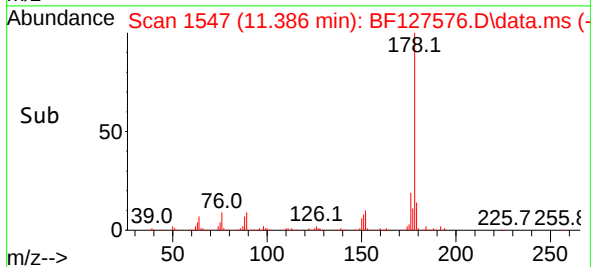
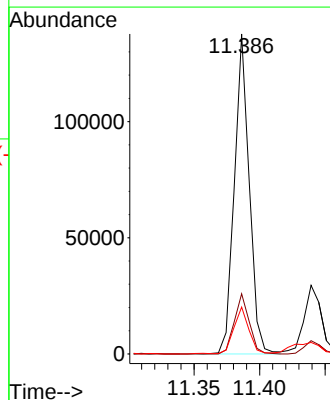
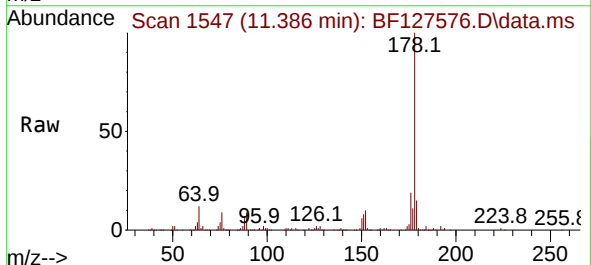
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1DL

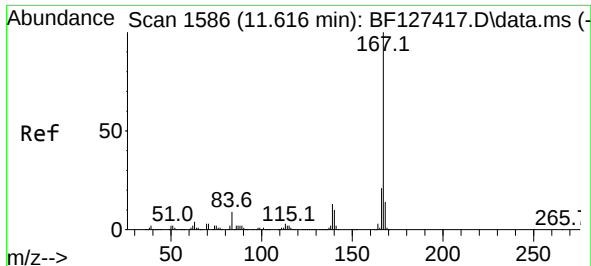
Tgt Ion:188 Resp: 231649
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.9 8.0 12.0



#71
Phenanthrene
Concen: 9.030 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127576.D
Acq: 29 Mar 2022 20:17

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

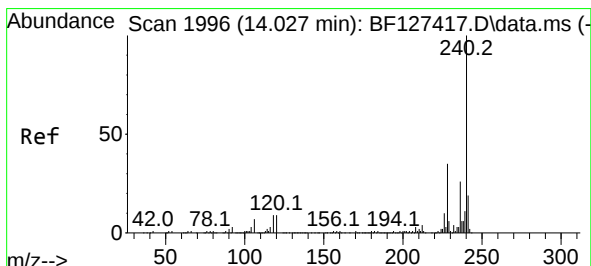
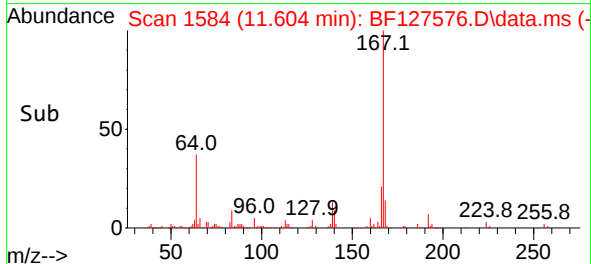
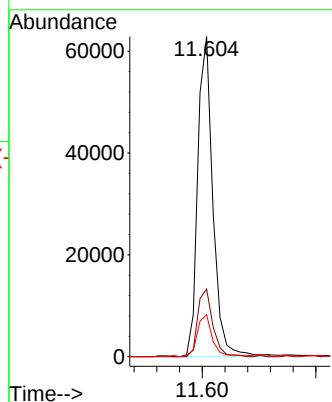
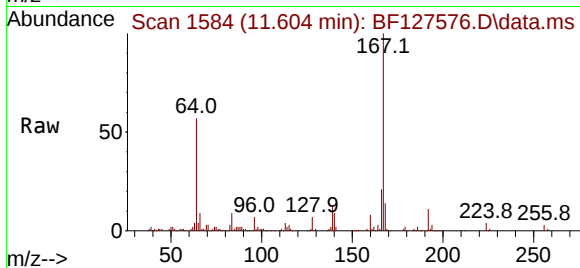




#73
 Carbazole
 Concen: 5.106 ng
 RT: 11.604 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127576.D
 Acq: 29 Mar 2022 20:17

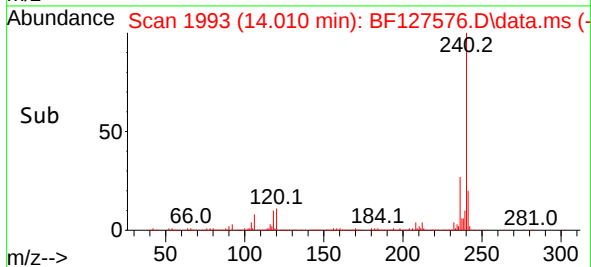
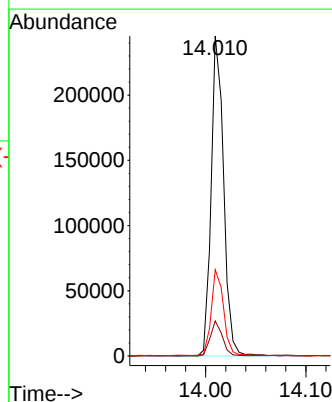
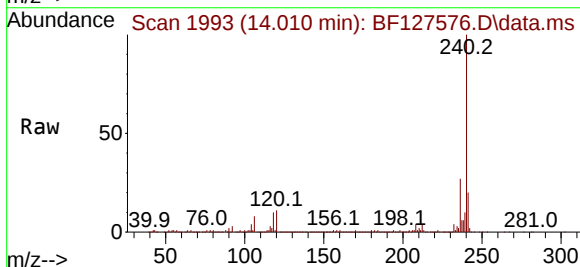
Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1DL

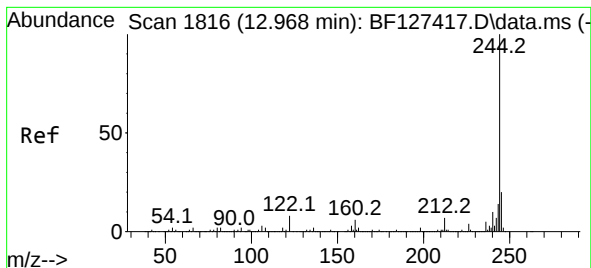
Tgt Ion:167 Resp: 58518
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 13.1 10.5 15.7



#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

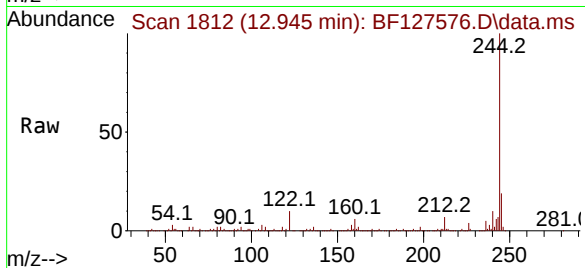
Acq: 29 Mar 2022 20:17

Instrument :

BNA_F

ClientSampleId :

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



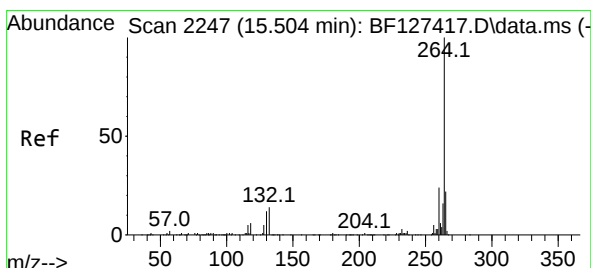
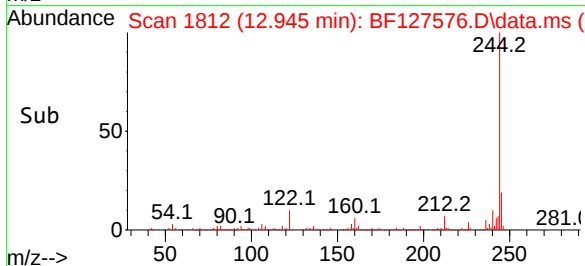
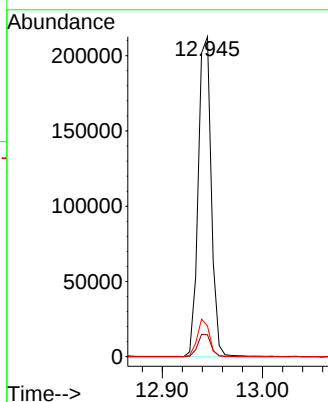
Tgt Ion:244 Resp: 192472

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

