

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127560.D
 Acq On : 29 Mar 2022 12:41
 Operator : CG\JU
 Sample : N2123-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 29 15:54:39 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)

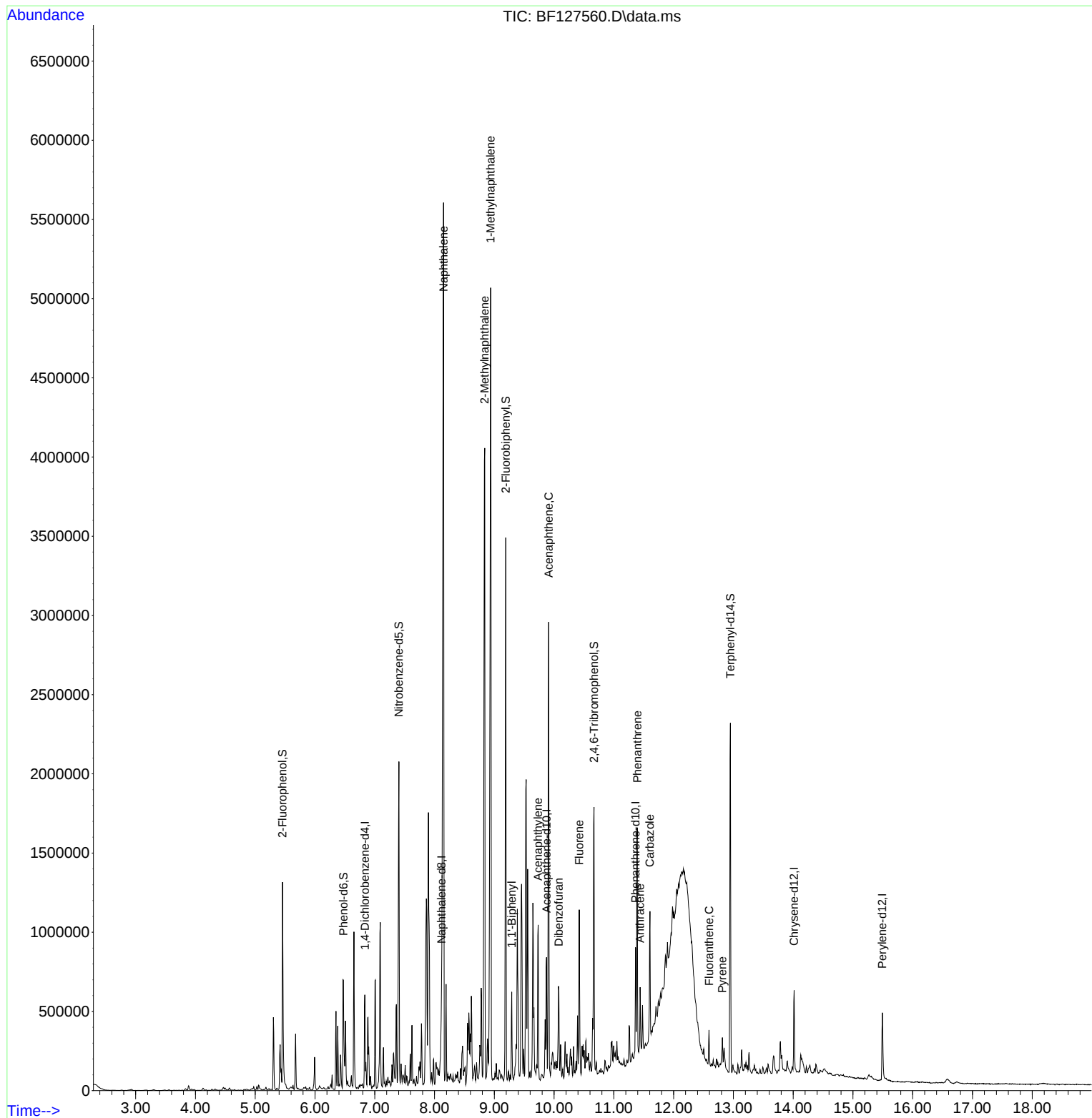
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	83470	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	287016	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	162583	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	244960	20.000	ng	0.00
76) Chrysene-d12	14.015	240	176159	20.000	ng	0.00
86) Perylene-d12	15.492	264	197166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	339432	64.911	ng	0.00
7) Phenol-d6	6.475	99	284885	39.856	ng	0.00
23) Nitrobenzene-d5	7.404	82	623104	92.800	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	197050	113.775	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1008005	90.534	ng	0.00
79) Terphenyl-d14	12.951	244	787870	73.216	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.151	128	3252770	213.463	ng	97
37) 2-Methylnaphthalene	8.839	142	1234845	126.027	ng	100
38) 1-Methylnaphthalene	8.939	142	1674059	172.784	ng	98
46) 1,1'-Biphenyl	9.292	154	146020	11.892	ng	99
49) Acenaphthylene	9.733	152	137043	9.375	ng	# 88
52) Acenaphthene	9.910	154	592776	69.500	ng	97
55) Dibenzofuran	10.080	168	142096	8.888	ng	98
58) Fluorene	10.422	166	270367	26.356	ng	99
71) Phenanthrene	11.392	178	552048	43.227	ng	99
72) Anthracene	11.439	178	153250	12.092	ng	99
73) Carbazole	11.604	167	288219	23.781	ng	98
75) Fluoranthene	12.592	202	75250	5.357	ng	97
78) Pyrene	12.816	202	60405	3.995	ng	98

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

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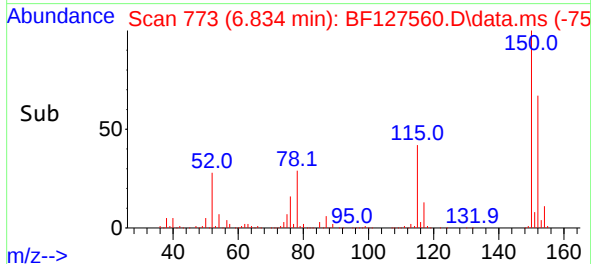
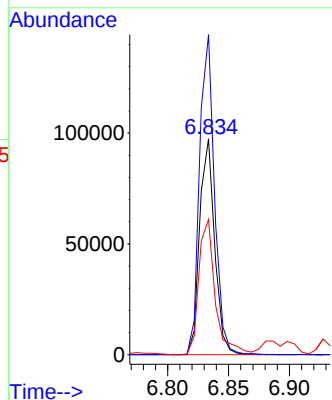
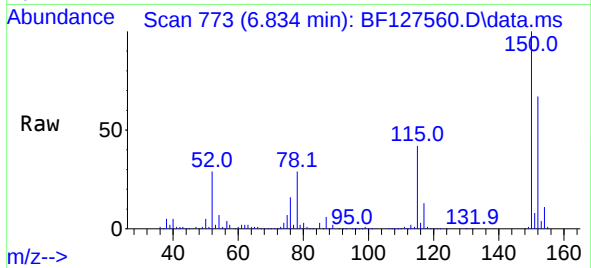




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

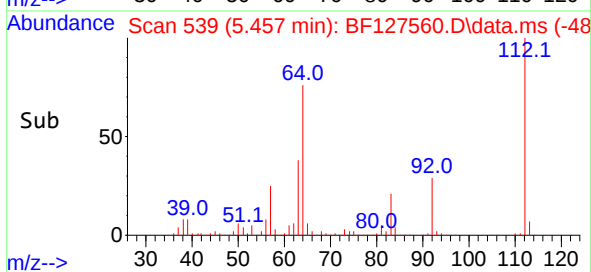
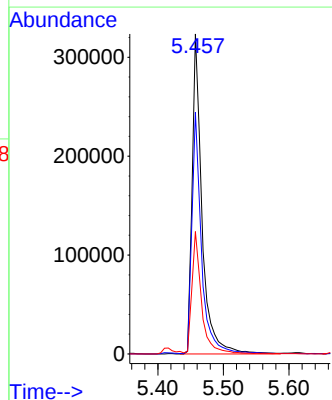
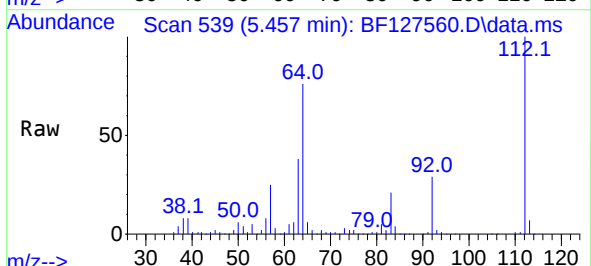
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

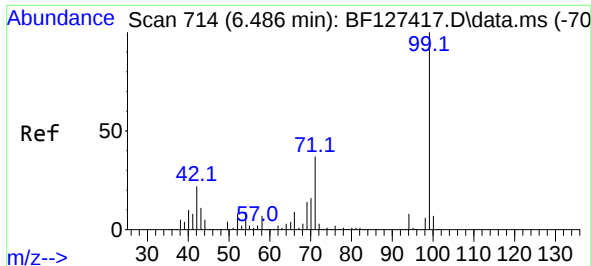
Tgt Ion:152 Resp: 83470
Ion Ratio Lower Upper
152 100
150 148.2 117.2 175.8
115 62.6 49.8 74.6



#5
2-Fluorophenol
Concen: 64.911 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

Tgt Ion:112 Resp: 339432
Ion Ratio Lower Upper
112 100
64 75.5 58.4 87.6
63 38.2 30.1 45.1

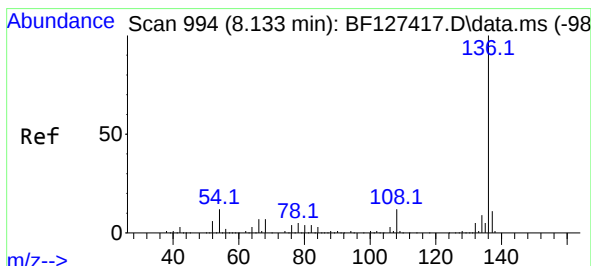
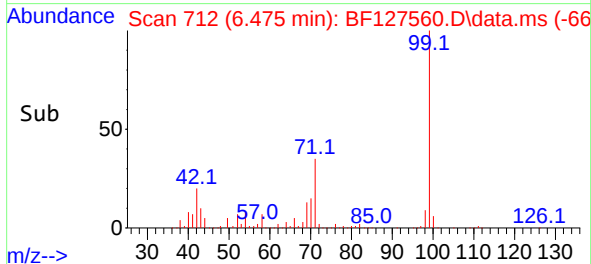
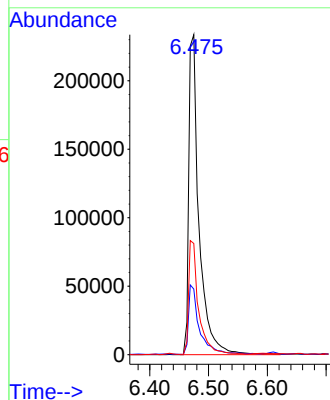
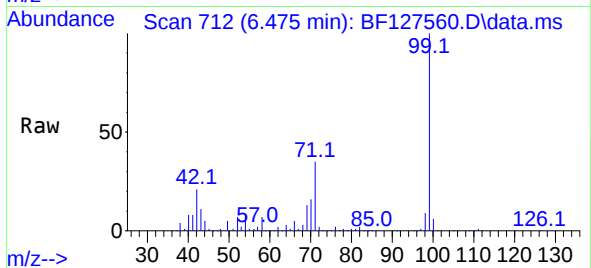




#7
Phenol-d6
Concen: 39.856 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

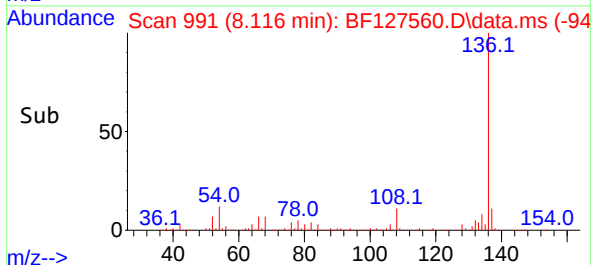
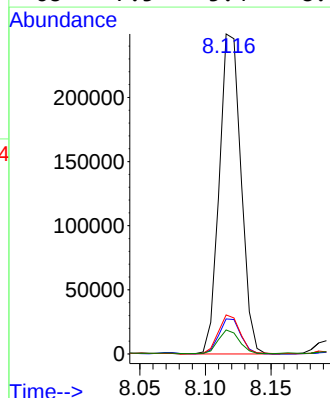
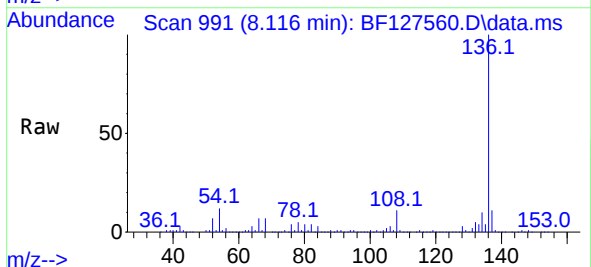
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

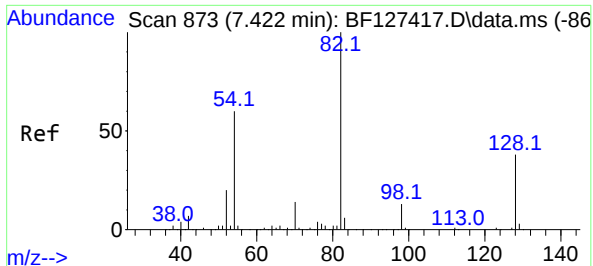
Tgt Ion: 99 Resp: 284885
Ion Ratio Lower Upper
99 100
42 20.5 17.8 26.6
71 34.7 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

Tgt Ion: 136 Resp: 287016
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.2 9.2 13.8
68 7.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 92.800 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127560.D

Acq: 29 Mar 2022 12:41

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP-CS-1

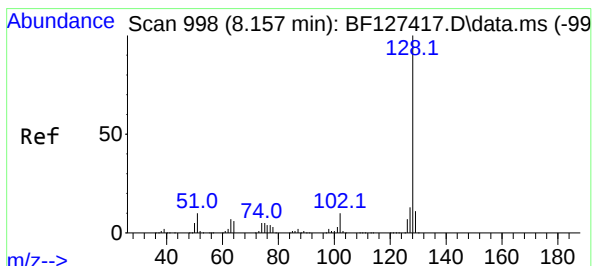
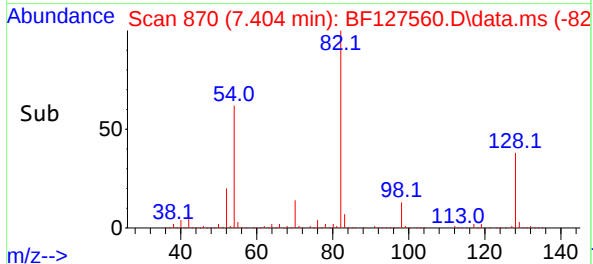
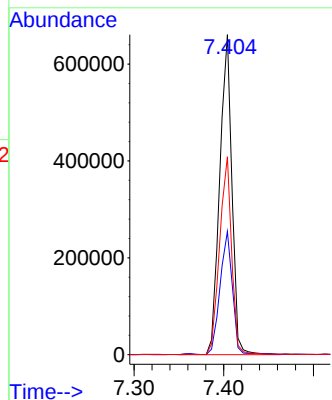
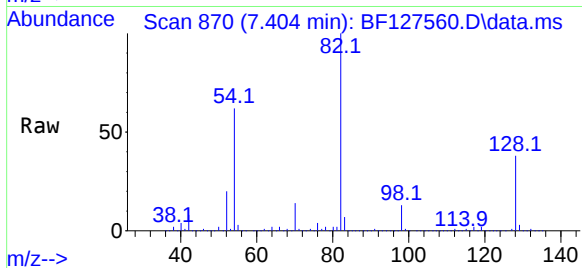
Tgt Ion: 82 Resp: 623104

Ion Ratio Lower Upper

82 100

128 38.5 30.6 45.8

54 61.9 48.2 72.2



#31

Naphthalene

Concen: 213.463 ng

RT: 8.151 min Scan# 997

Delta R.T. 0.012 min

Lab File: BF127560.D

Acq: 29 Mar 2022 12:41

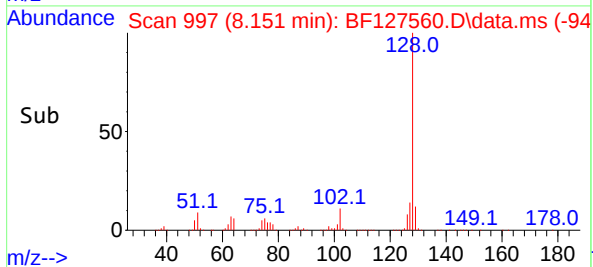
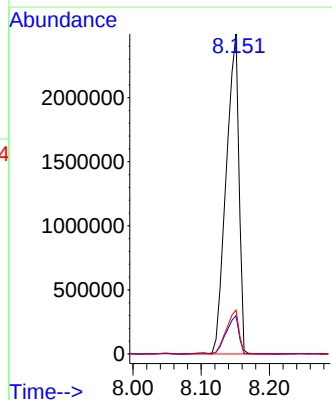
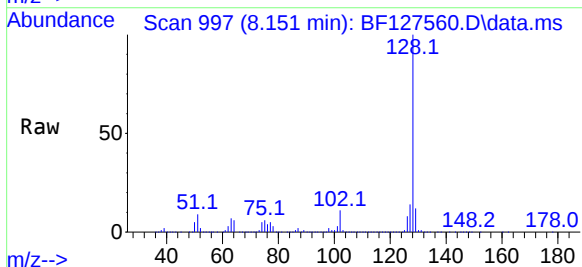
Tgt Ion:128 Resp: 3252770

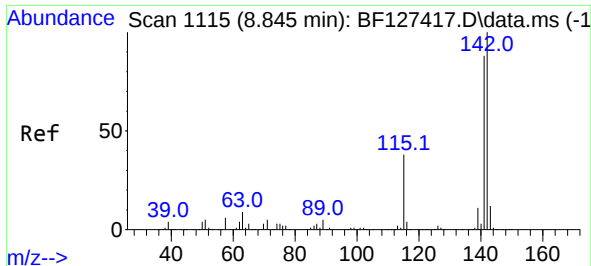
Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

127 13.7 10.2 15.2





#37

2-Methylnaphthalene

Concen: 126.027 ng

RT: 8.839 min Scan# 1114

Delta R.T. 0.006 min

Lab File: BF127560.D

Acq: 29 Mar 2022 12:41

Instrument :

BNA_F

ClientSampleId :

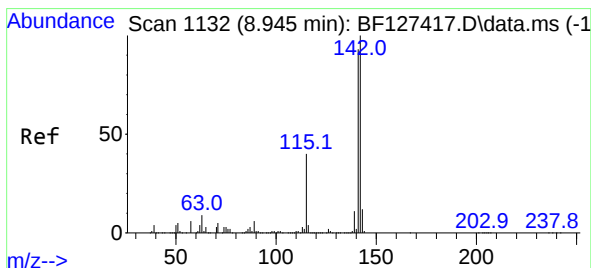
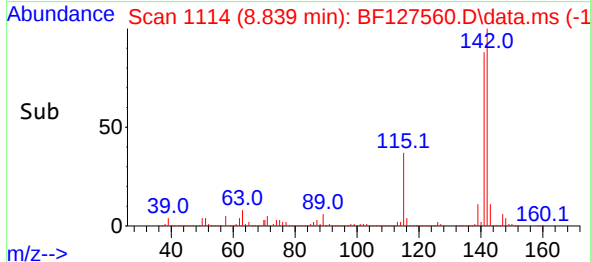
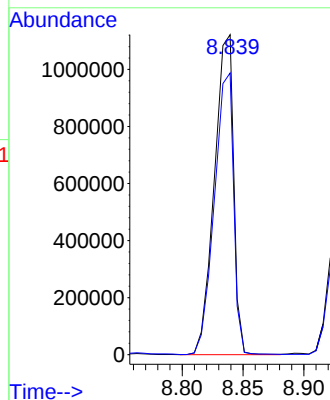
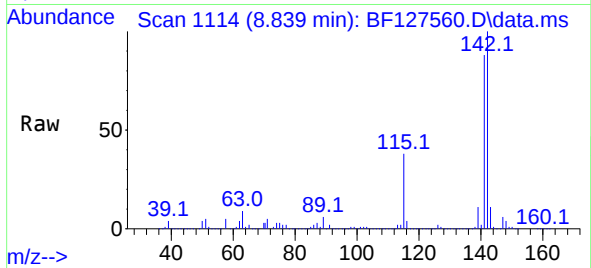
SPLP-LEACHATE-AMENDED-COMP-CS-1

Tgt Ion:142 Resp: 1234845

Ion Ratio Lower Upper

142 100

141 88.1 70.6 106.0



#38

1-Methylnaphthalene

Concen: 172.784 ng

RT: 8.939 min Scan# 1131

Delta R.T. 0.012 min

Lab File: BF127560.D

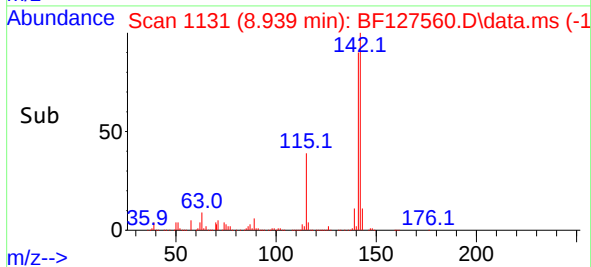
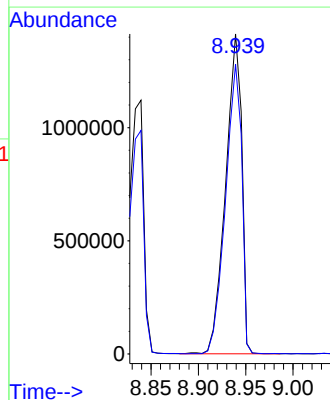
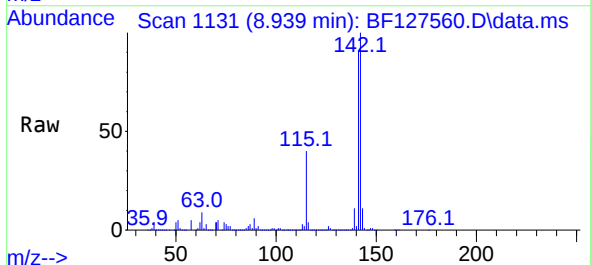
Acq: 29 Mar 2022 12:41

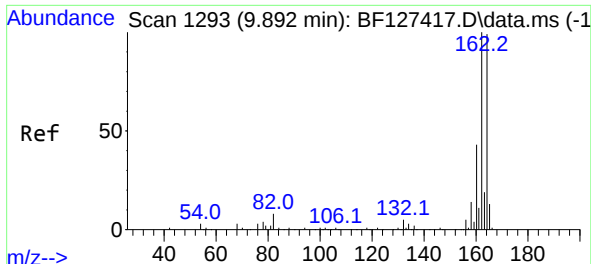
Tgt Ion:142 Resp: 1674059

Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.2

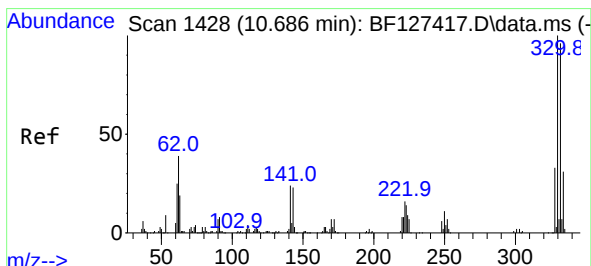
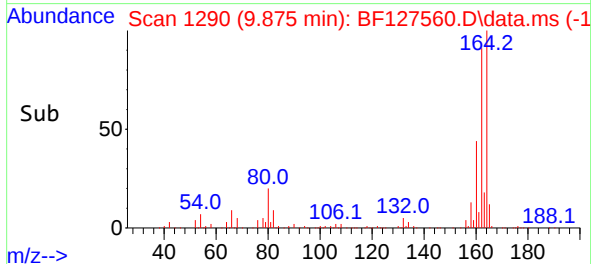
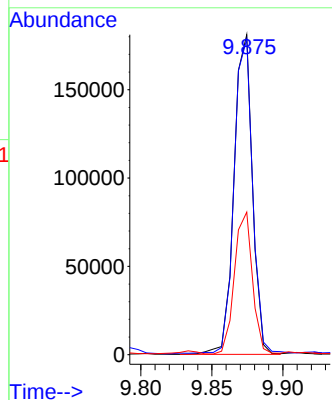
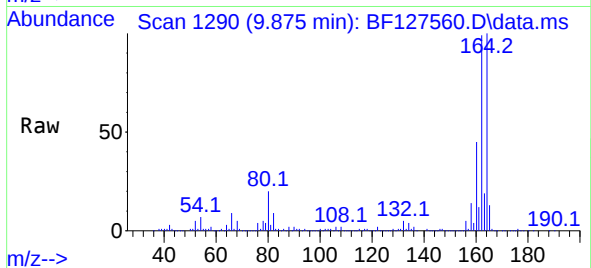




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

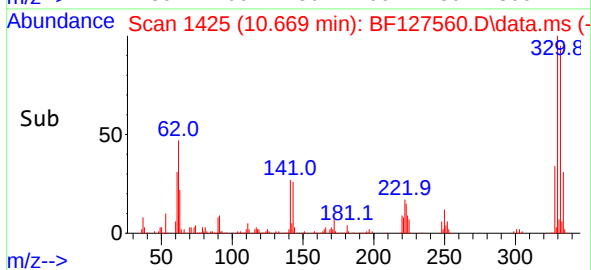
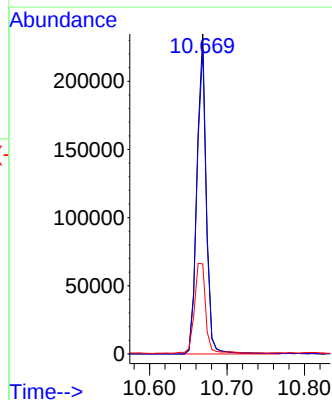
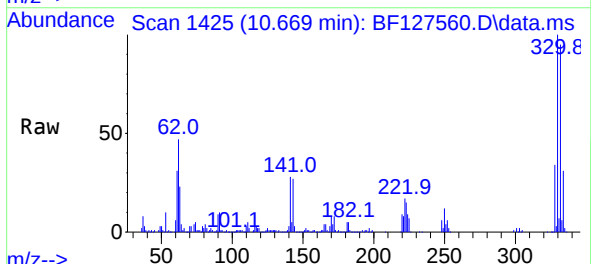
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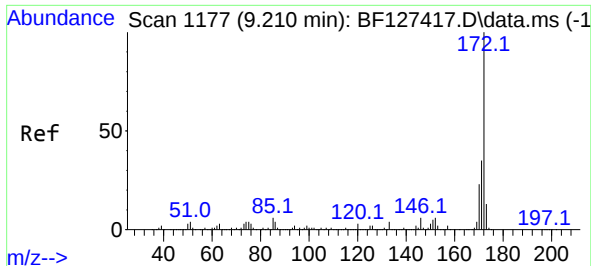
Tgt Ion:164 Resp: 162583
Ion Ratio Lower Upper
164 100
162 98.6 81.2 121.8
160 44.5 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 113.775 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

Tgt Ion:330 Resp: 197050
Ion Ratio Lower Upper
330 100
332 95.7 79.1 118.7
141 34.1 26.2 39.4

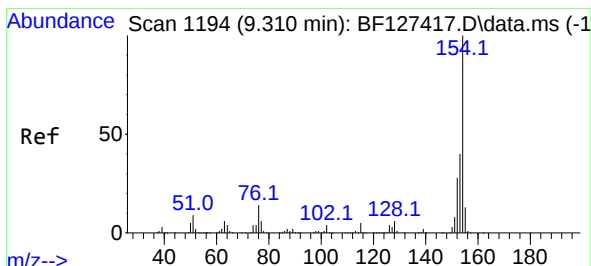
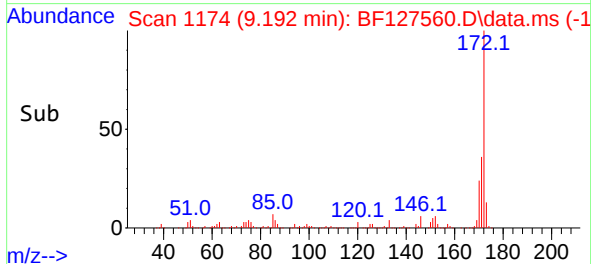
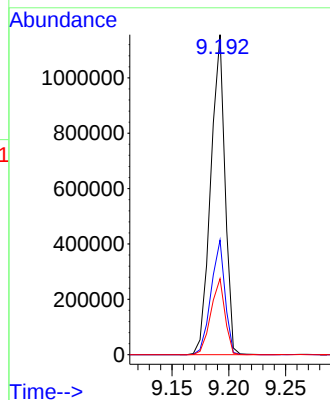
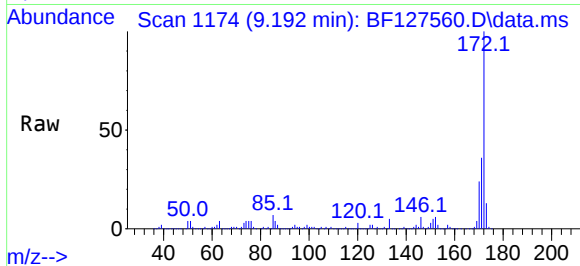




#45
2-Fluorobiphenyl
Concen: 90.534 ng
RT: 9.192 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

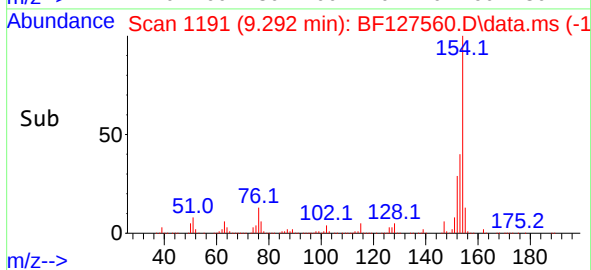
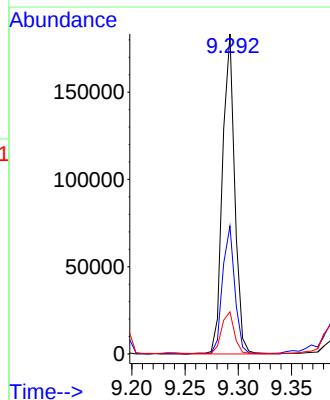
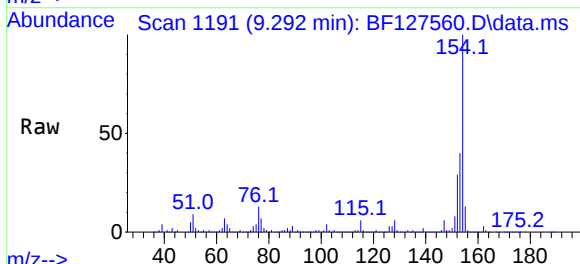
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SPLP-LEACHATE-AMENDED-COMP-CS-1

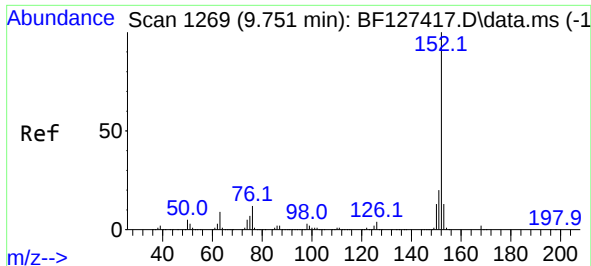
Tgt Ion:172 Resp: 1008005
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.8 18.6 27.8



#46
1,1'-Biphenyl
Concen: 11.892 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

Tgt Ion:154 Resp: 146020
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 13.2 0.0 33.9

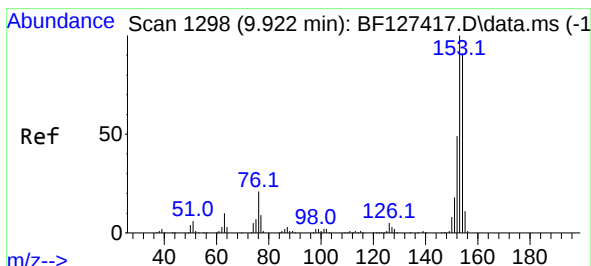
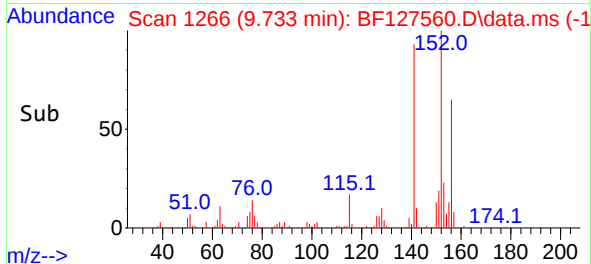
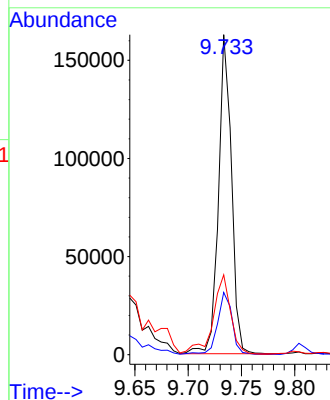
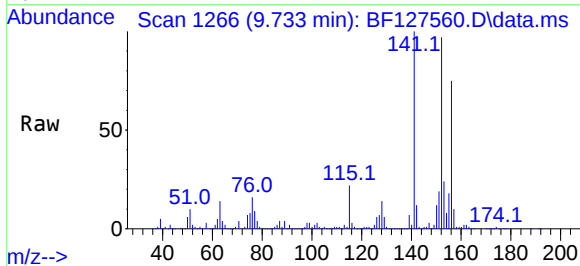




#49
Acenaphthylene
Concen: 9.375 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

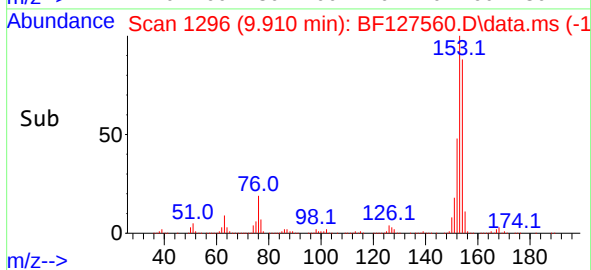
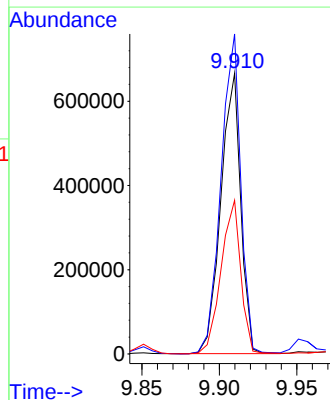
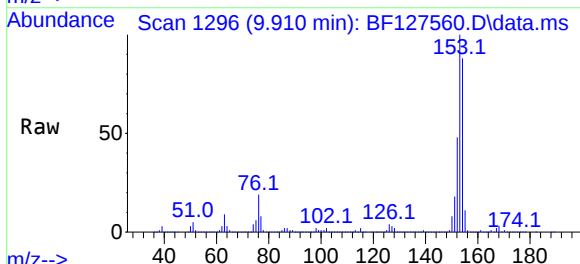
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

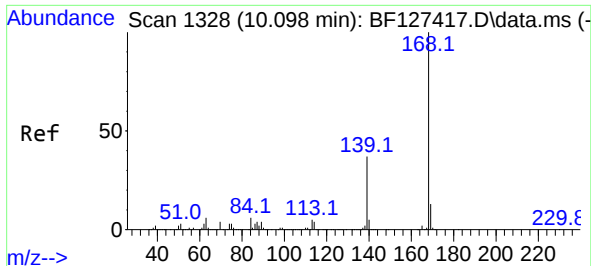
Tgt Ion:152 Resp: 137043
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 25.0 10.5 15.7#



#52
Acenaphthene
Concen: 69.500 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

Tgt Ion:154 Resp: 592776
Ion Ratio Lower Upper
154 100
153 114.0 87.6 131.4
152 54.7 42.9 64.3

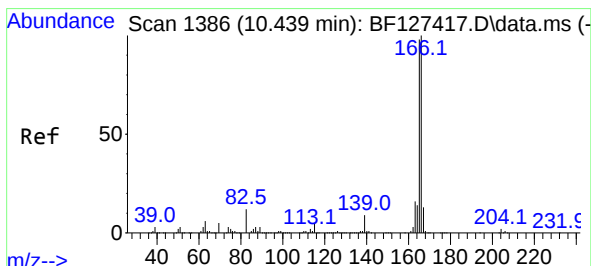
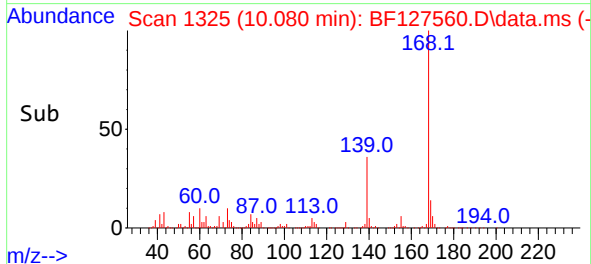
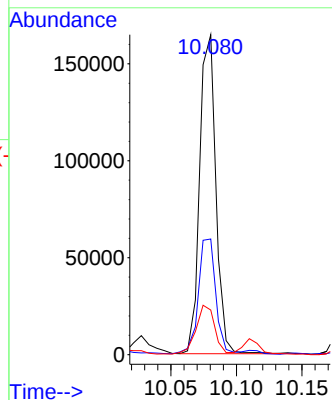
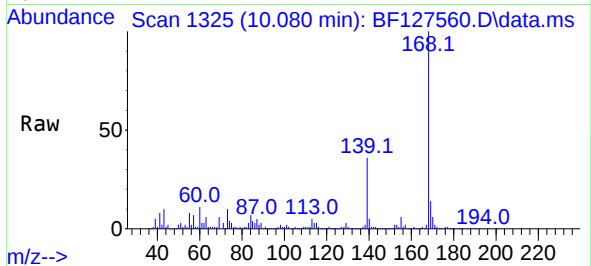




#55
Dibenzenofuran
Concen: 8.888 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

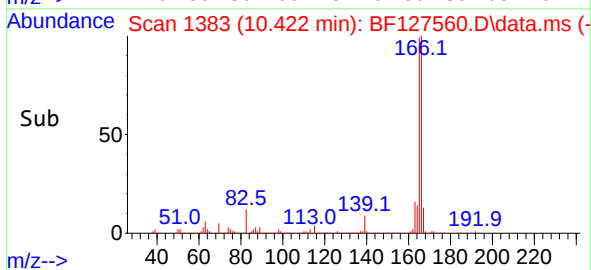
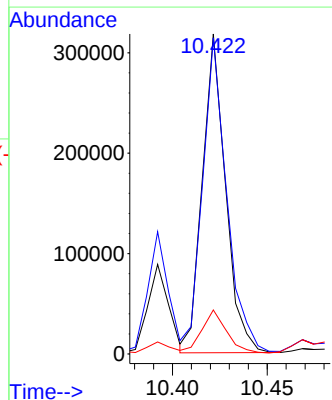
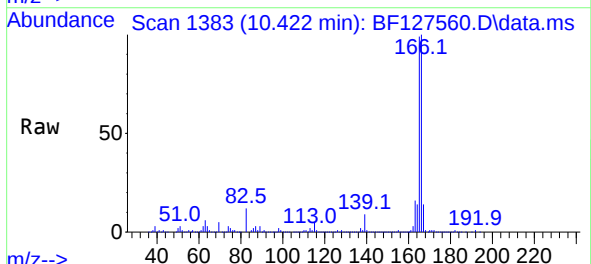
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

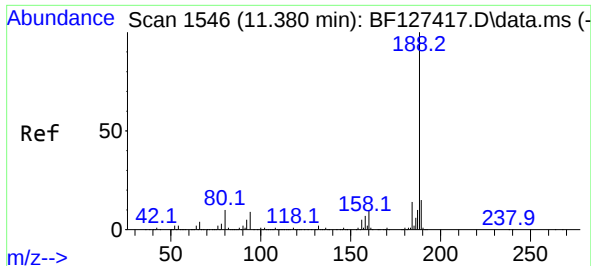
Tgt Ion:168 Resp: 142096
Ion Ratio Lower Upper
168 100
139 36.1 30.3 45.5
169 13.9 10.8 16.2



#58
Fluorene
Concen: 26.356 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

Tgt Ion:166 Resp: 270367
Ion Ratio Lower Upper
166 100
165 98.8 78.1 117.1
167 13.8 10.5 15.7

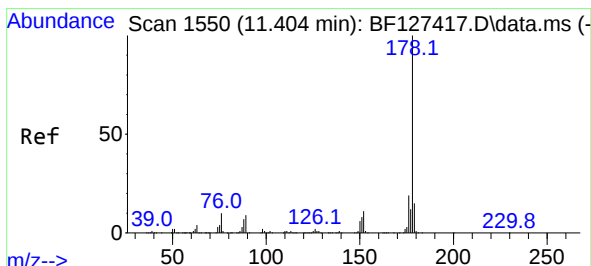
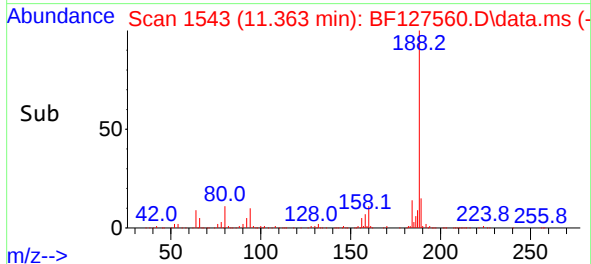
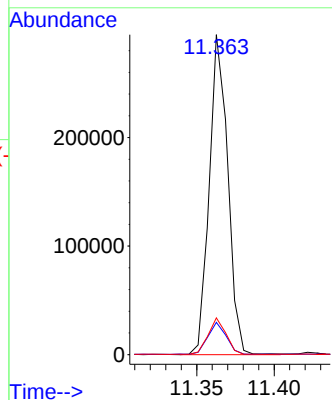
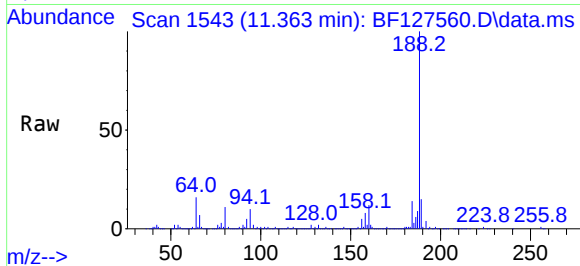




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

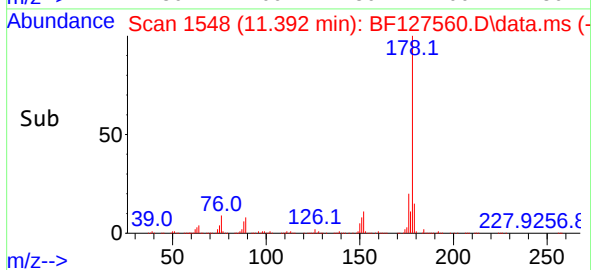
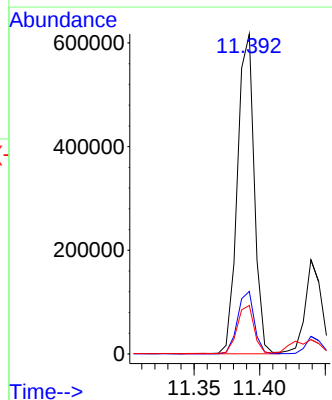
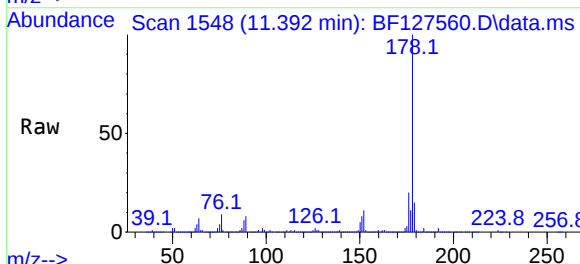
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

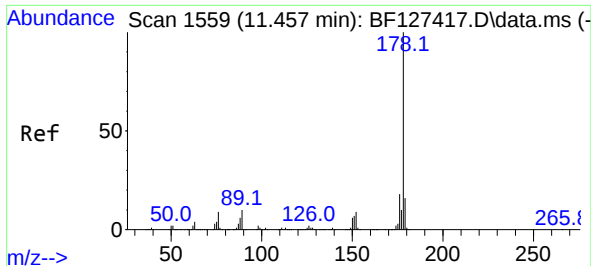
Tgt Ion:188 Resp: 244960
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.5 8.0 12.0



#71
Phenanthrene
Concen: 43.227 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

Tgt Ion:178 Resp: 552048
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.1 12.4 18.6



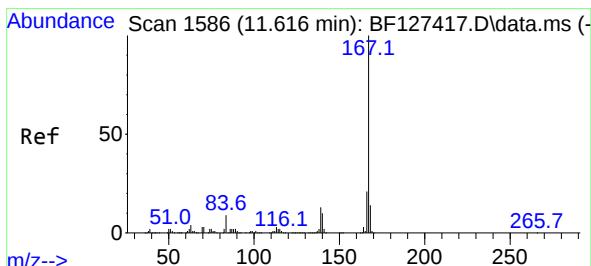
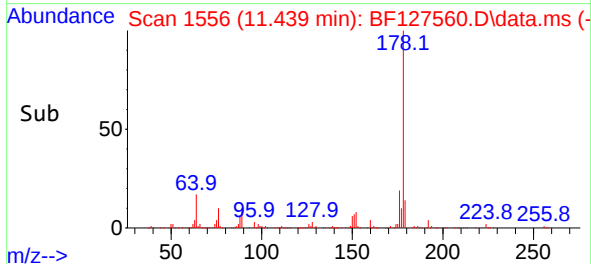
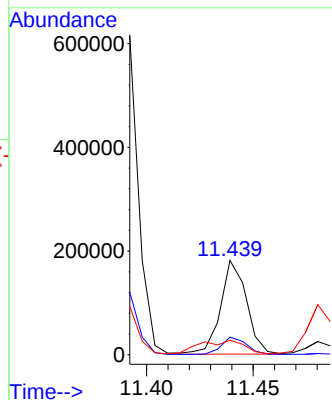
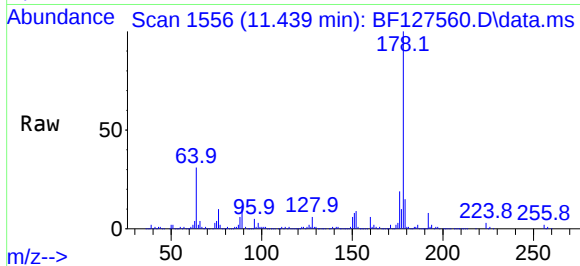


#72
 Anthracene
 Concen: 12.092 ng
 RT: 11.439 min Scan# 1559
 Delta R.T. -0.006 min
 Lab File: BF127560.D
 Acq: 29 Mar 2022 12:41

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

Tgt Ion:178 Resp: 153250

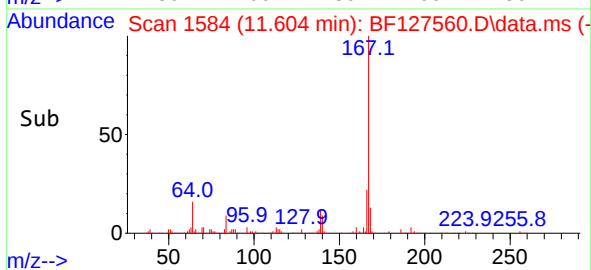
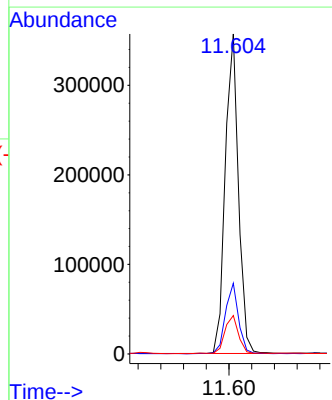
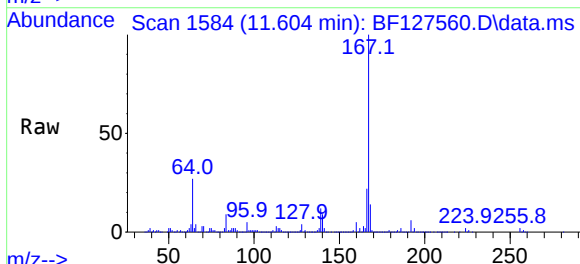
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.3	12.4	18.6

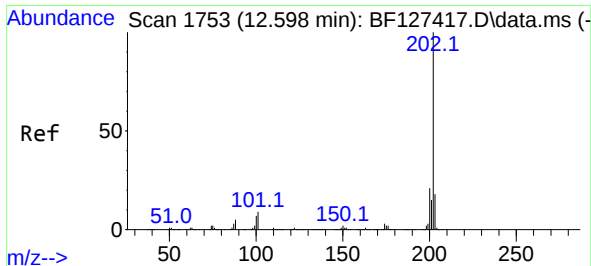


#73
 Carbazole
 Concen: 23.781 ng
 RT: 11.604 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: BF127560.D
 Acq: 29 Mar 2022 12:41

Tgt Ion:167 Resp: 288219

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.4
139	12.0	10.5	15.7

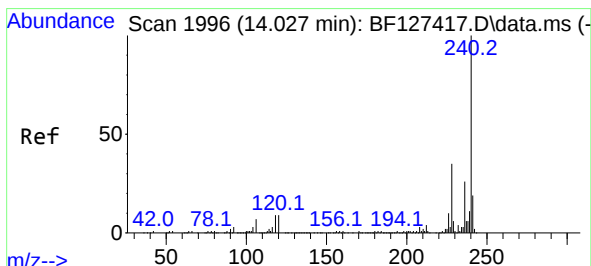
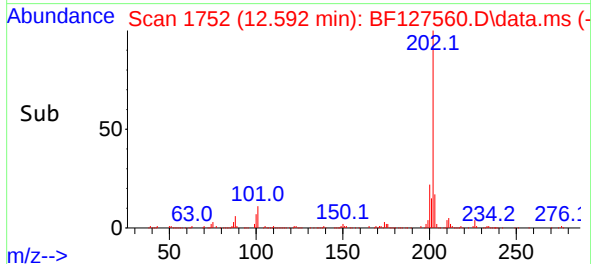
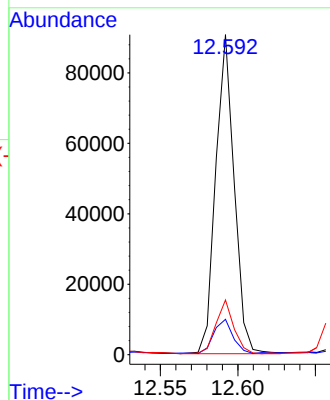
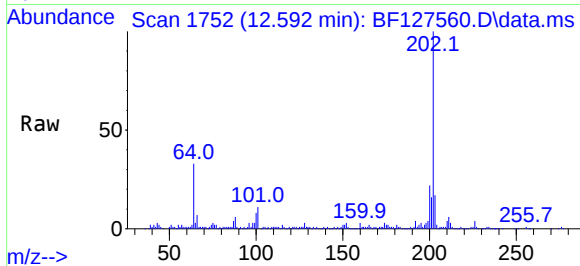




#75
Fluoranthene
Concen: 5.357 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

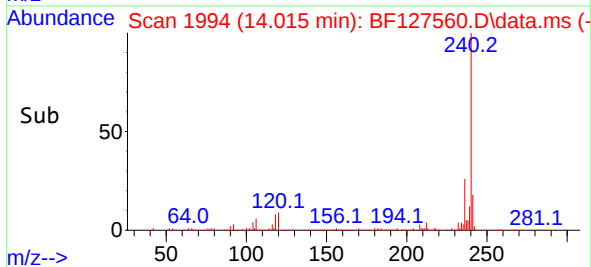
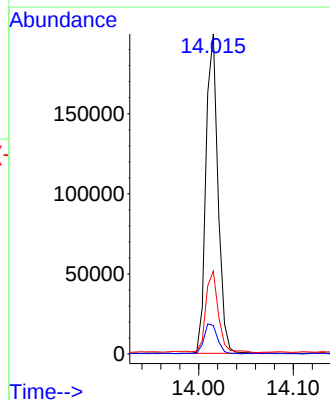
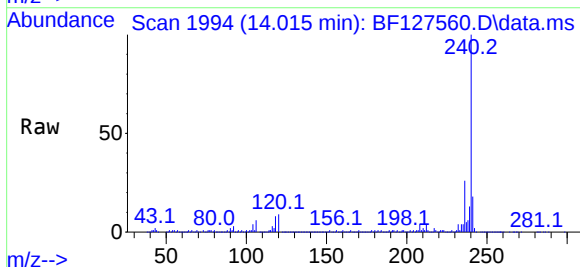
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

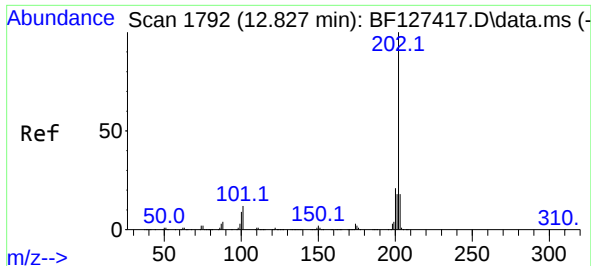
Tgt Ion:	202	Resp:	75250
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	29.0
203	17.1	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

Tgt Ion:	240	Resp:	176159
Ion Ratio	Lower	Upper	
240	100		
120	8.9	7.1	10.7
236	25.9	20.7	31.1

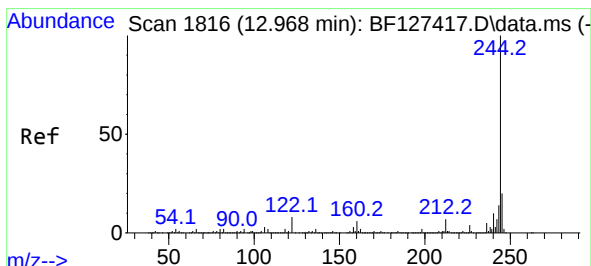
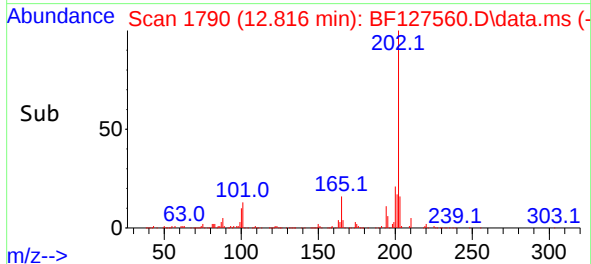
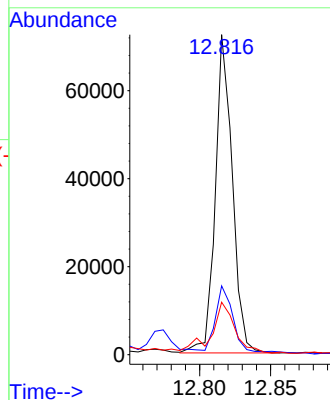
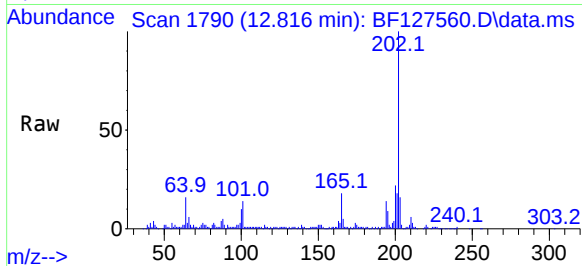




#78
 Pyrene
 Concen: 3.995 ng
 RT: 12.816 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127560.D
 Acq: 29 Mar 2022 12:41

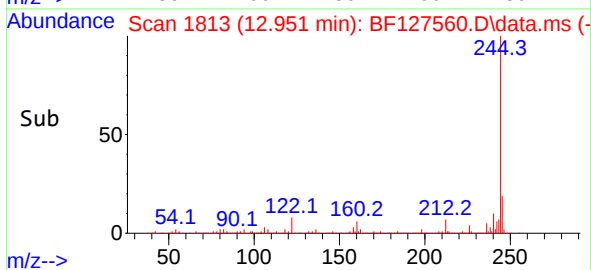
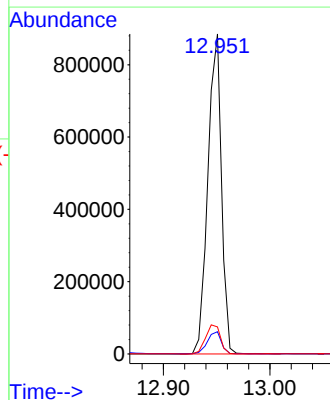
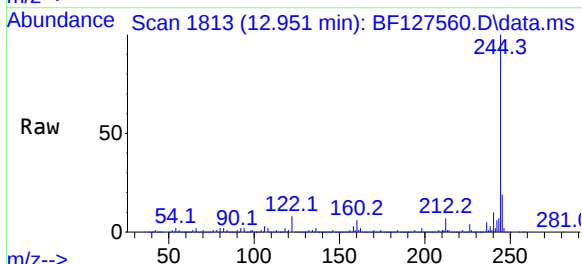
Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1

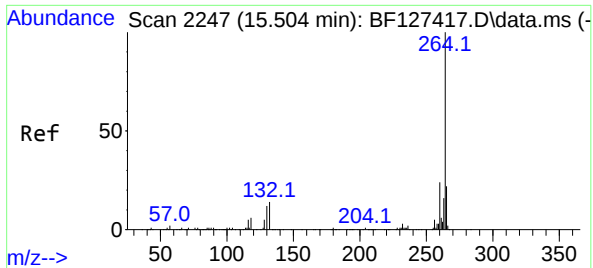
Tgt Ion:	202	Resp:	60405
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.1	25.7
203	16.4	14.3	21.5



#79
 Terphenyl-d14
 Concen: 73.216 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127560.D
 Acq: 29 Mar 2022 12:41

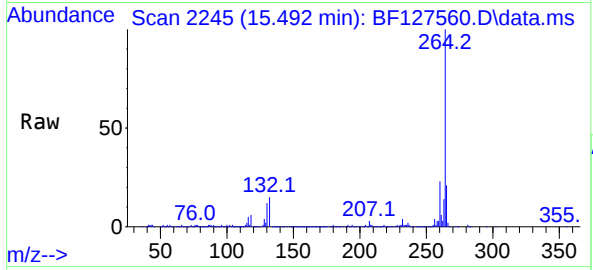
Tgt Ion:	244	Resp:	787870
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	8.4	6.2	9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127560.D
Acq: 29 Mar 2022 12:41

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



Tgt Ion:264 Resp: 197166

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.5	17.4	26.2

