

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127548.D
 Acq On : 28 Mar 2022 18:10
 Operator : CG\JU
 Sample : N2123-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Time: Mar 29 07:16:43 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)

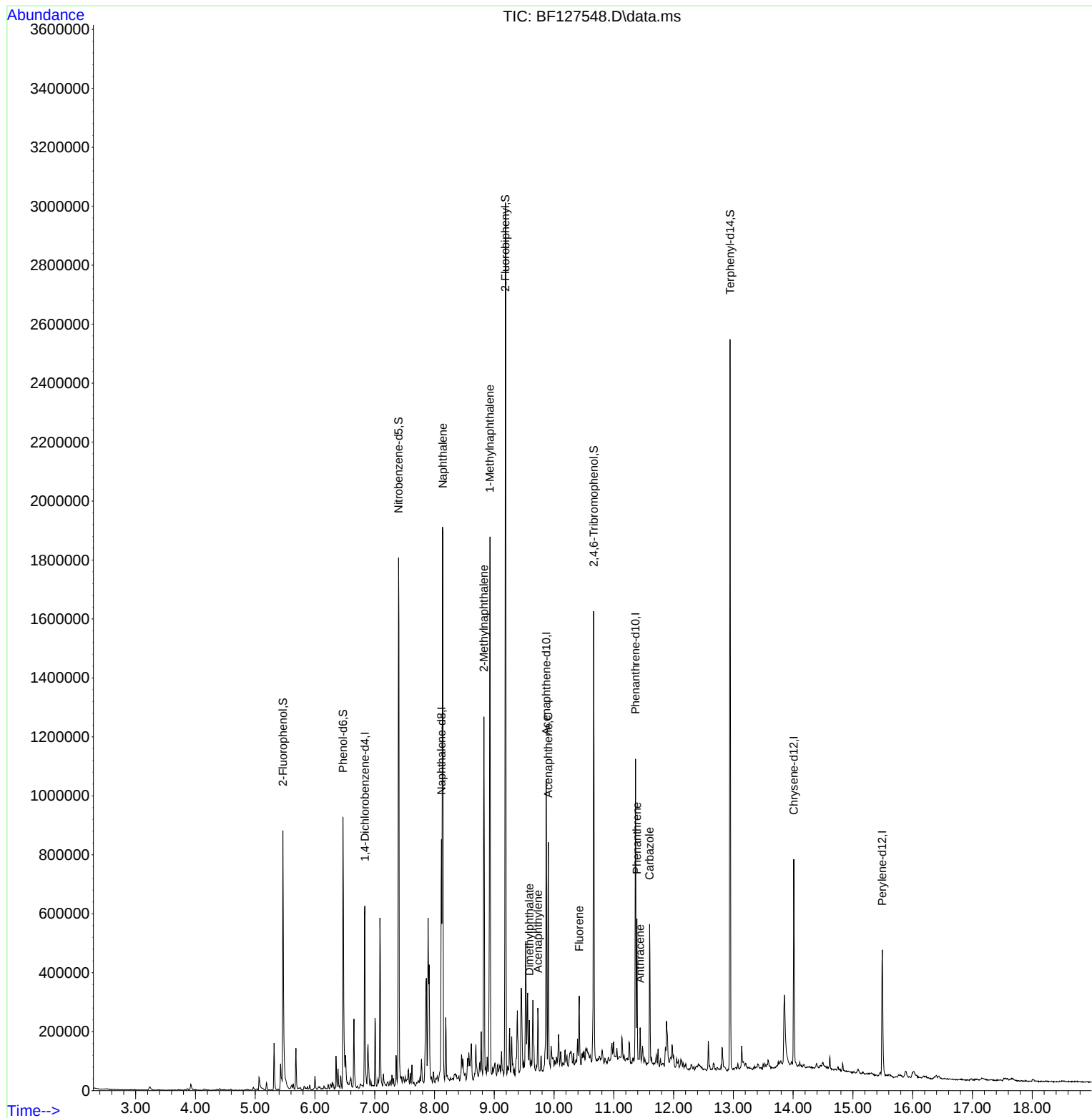
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	90814	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	335232	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	191894	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	335342	20.000	ng	0.00
76) Chrysene-d12	14.010	240	228541	20.000	ng	0.00
86) Perylene-d12	15.492	264	199347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	241993	42.535	ng	0.00
7) Phenol-d6	6.469	99	309394	39.784	ng	-0.01
23) Nitrobenzene-d5	7.398	82	598381	76.300	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	167522	81.951	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	998554	75.986	ng	0.00
79) Terphenyl-d14	12.945	244	817825	58.580	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.140	128	862986	48.488	ng	99
37) 2-Methylnaphthalene	8.828	142	303135	26.488	ng	100
38) 1-Methylnaphthalene	8.928	142	458164	40.487	ng	99
49) Acenaphthylene	9.734	152	35643	2.066	ng	# 88
50) Dimethylphthalate	9.586	163	54299	4.067	ng	99
52) Acenaphthene	9.904	154	153102	15.209	ng	95
58) Fluorene	10.422	166	63386	3.176	ng	# 96
71) Phenanthrene	11.386	178	163425	9.348	ng	98
72) Anthracene	11.439	178	39562	2.280	ng	96
73) Carbazole	11.598	167	175361	10.569	ng	99

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

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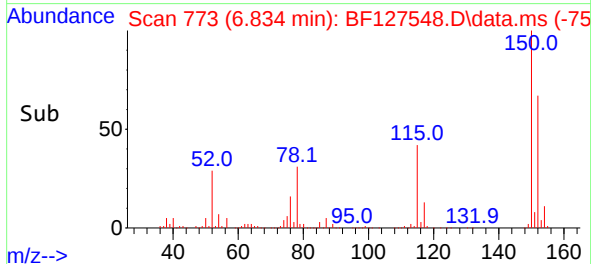
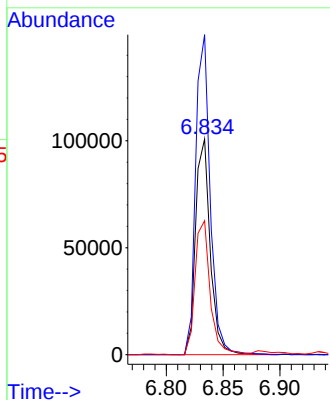
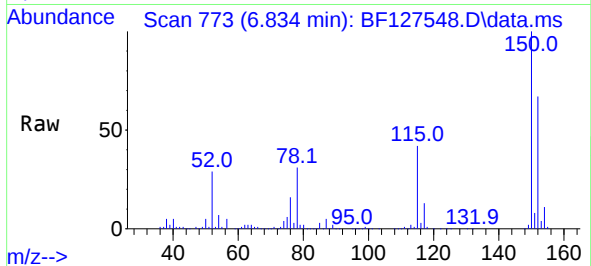




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

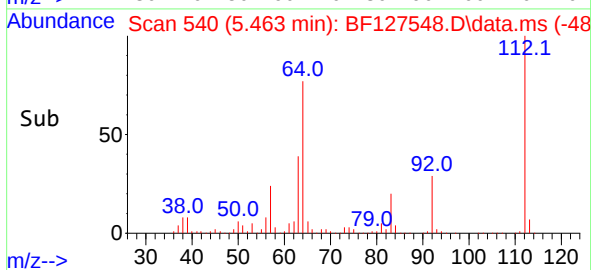
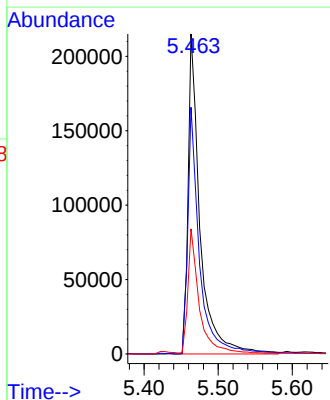
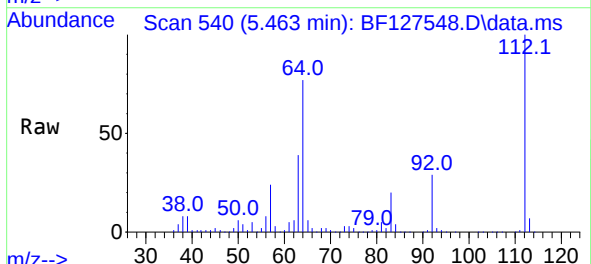
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

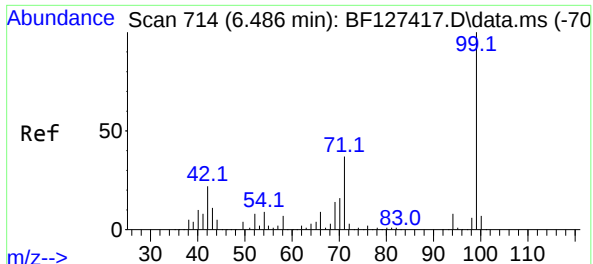
Tgt Ion:152 Resp: 90814
Ion Ratio Lower Upper
152 100
150 148.4 117.2 175.8
115 62.1 49.8 74.6



#5
2-Fluorophenol
Concen: 42.535 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion:112 Resp: 241993
Ion Ratio Lower Upper
112 100
64 77.1 58.4 87.6
63 39.1 30.1 45.1

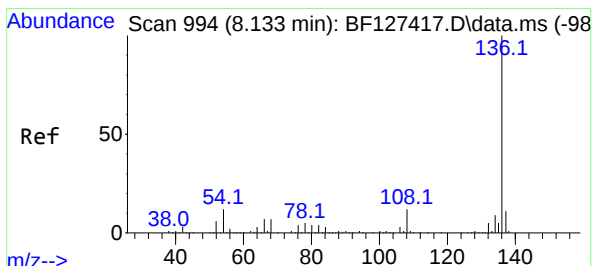
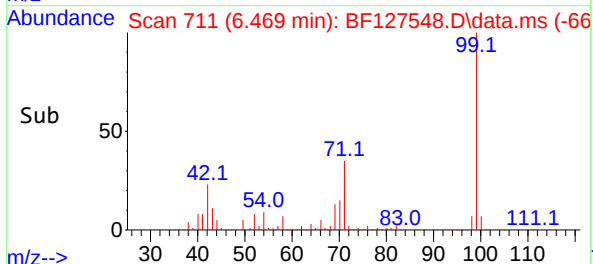
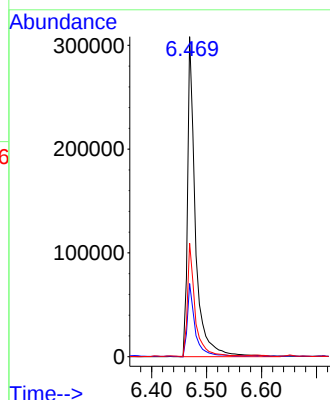
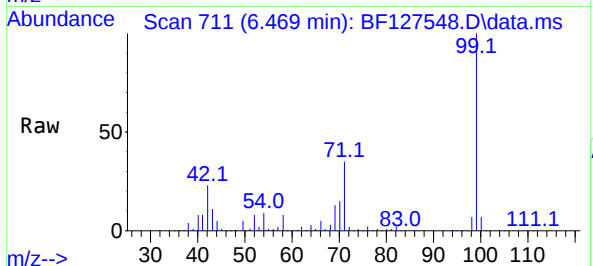




#7
Phenol-d6
Concen: 39.784 ng
RT: 6.469 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

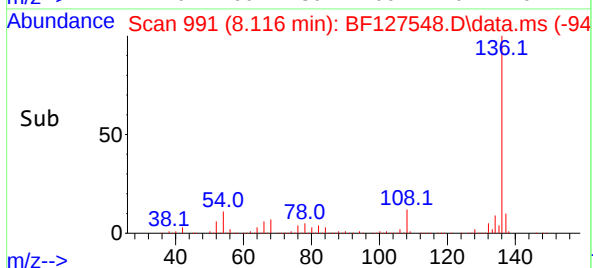
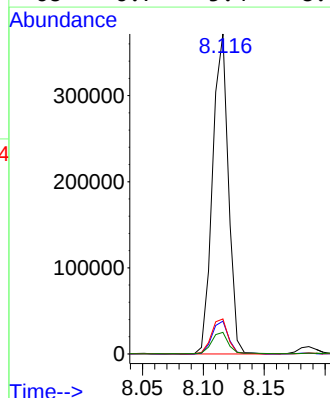
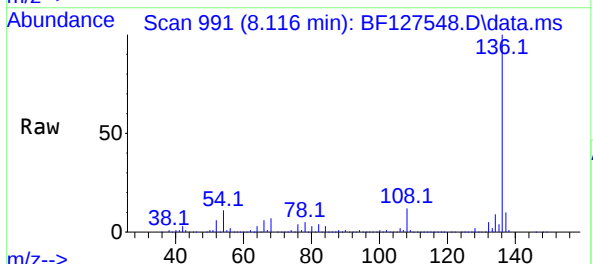
Instrument : BNA_F
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

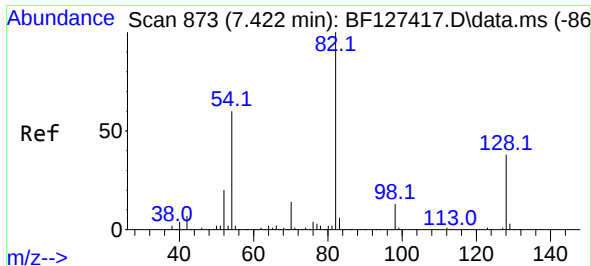
Tgt Ion: 99 Resp: 309394
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 35.4 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion:136 Resp: 335232
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 11.0 9.2 13.8
68 6.7 5.4 8.0

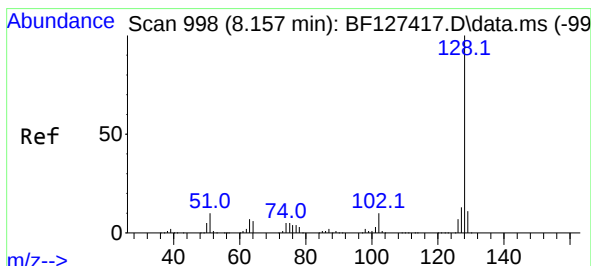
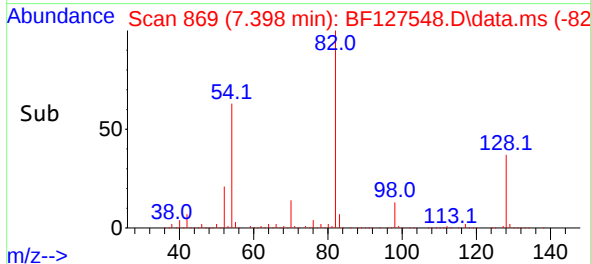
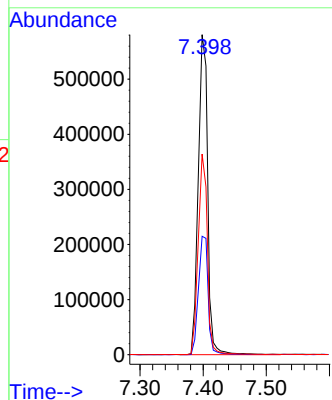
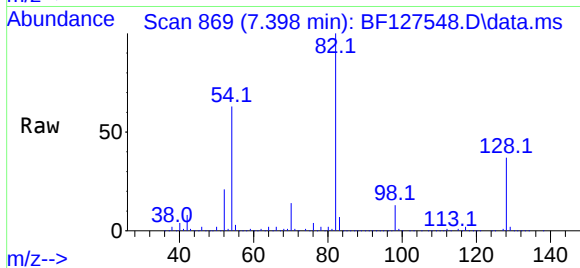




#23
Nitrobenzene-d5
Concen: 76.300 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

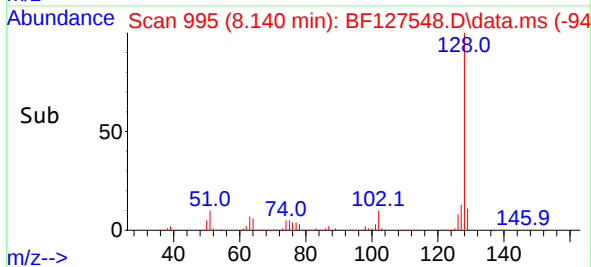
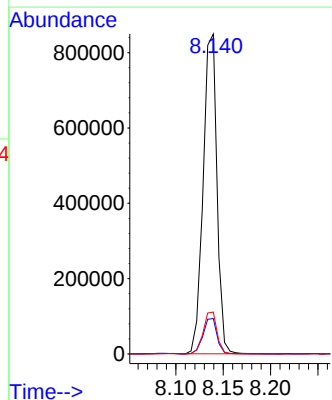
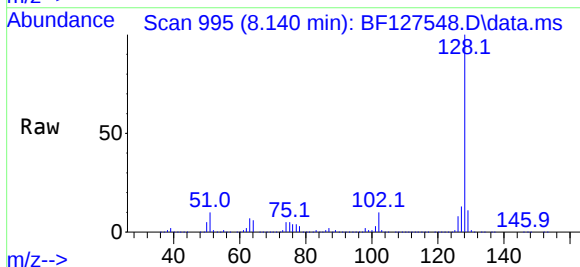
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

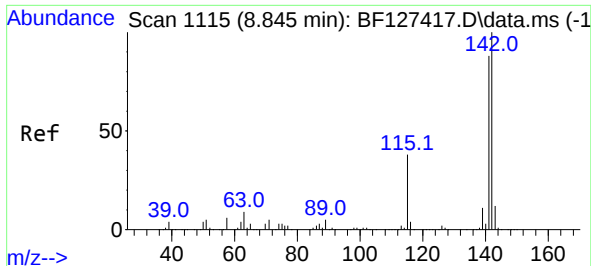
Tgt Ion: 82 Resp: 598381
Ion Ratio Lower Upper
82 100
128 37.0 30.6 45.8
54 62.7 48.2 72.2



#31
Naphthalene
Concen: 48.488 ng
RT: 8.140 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion: 128 Resp: 862986
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.1 10.2 15.2





#37

2-Methylnaphthalene

Concen: 26.488 ng

RT: 8.828 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF127548.D

Acq: 28 Mar 2022 18:10

Instrument :

BNA_F

ClientSampleId :

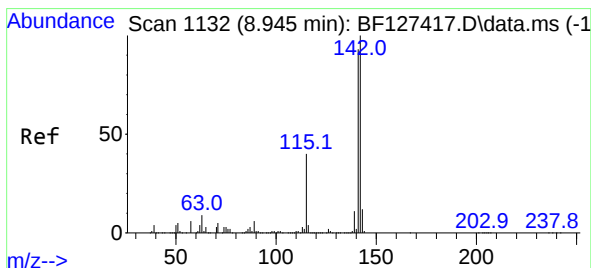
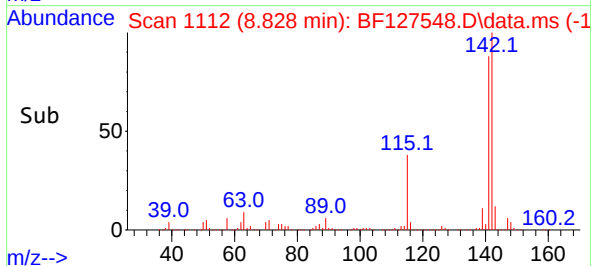
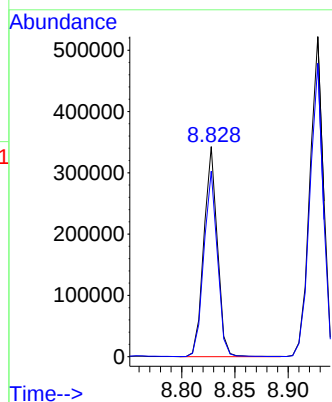
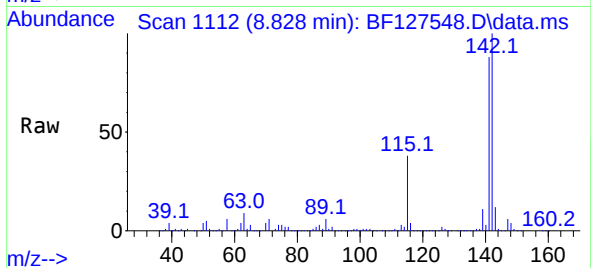
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Tgt Ion:142 Resp: 303135

Ion Ratio Lower Upper

142 100

141 88.2 70.6 106.0



#38

1-Methylnaphthalene

Concen: 40.487 ng

RT: 8.928 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF127548.D

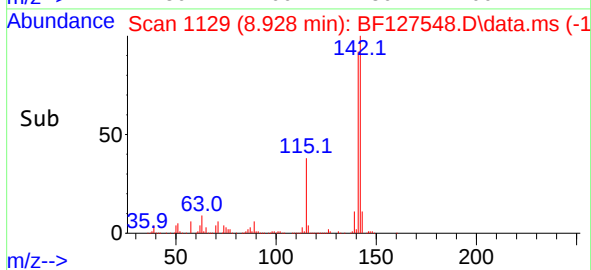
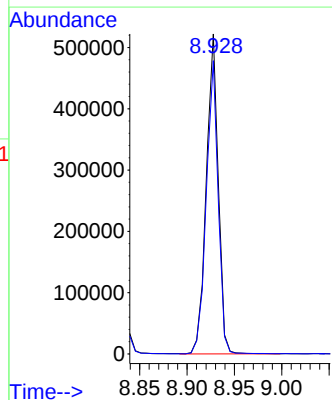
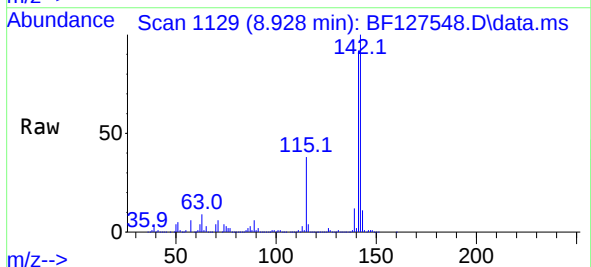
Acq: 28 Mar 2022 18:10

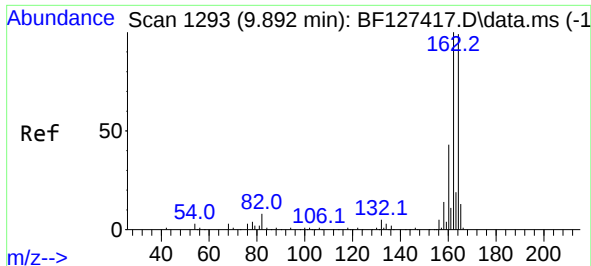
Tgt Ion:142 Resp: 458164

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127548.D

Acq: 28 Mar 2022 18:10

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

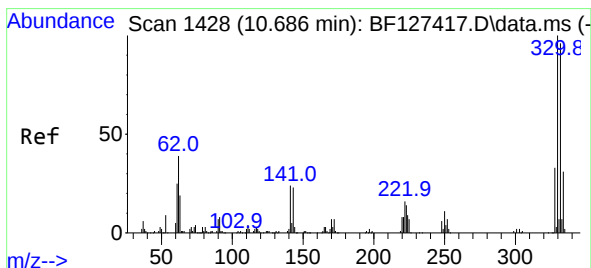
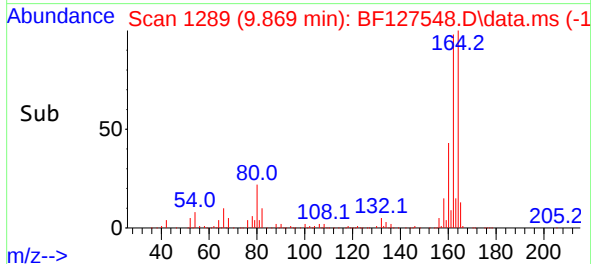
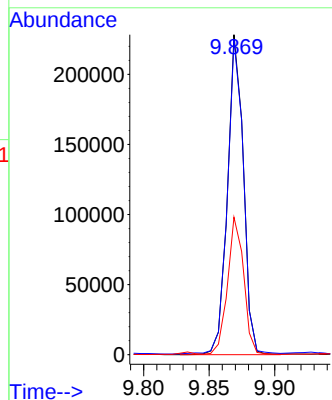
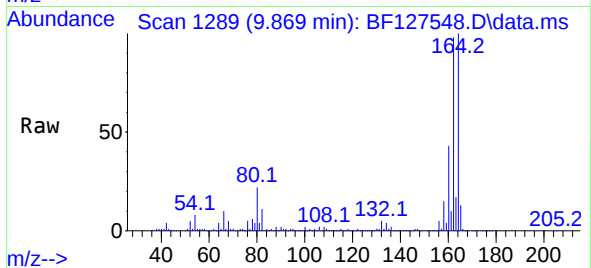
Tgt Ion:164 Resp: 191894

Ion Ratio Lower Upper

164 100

162 98.3 81.2 121.8

160 43.0 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 81.951 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF127548.D

Acq: 28 Mar 2022 18:10

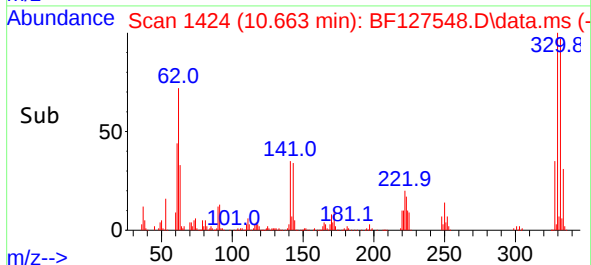
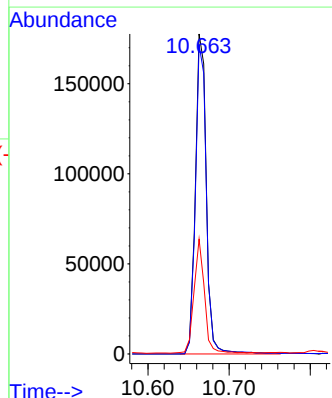
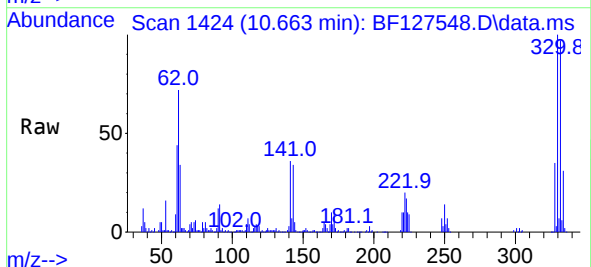
Tgt Ion:330 Resp: 167522

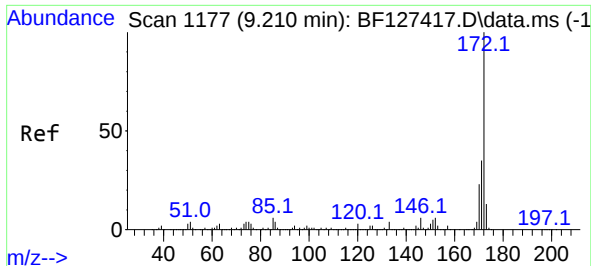
Ion Ratio Lower Upper

330 100

332 97.4 79.1 118.7

141 34.1 26.2 39.4

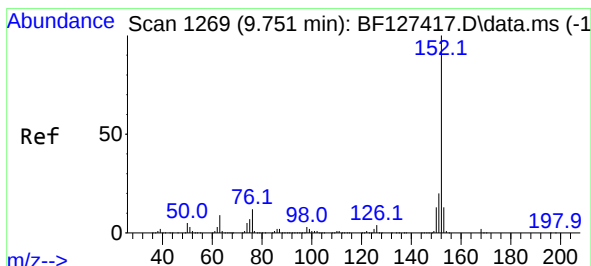
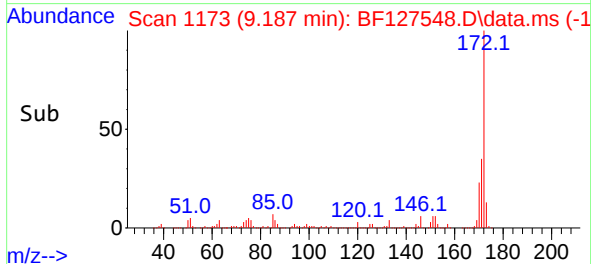
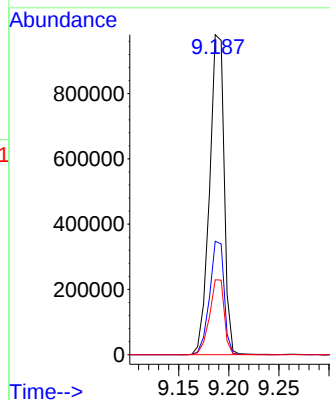
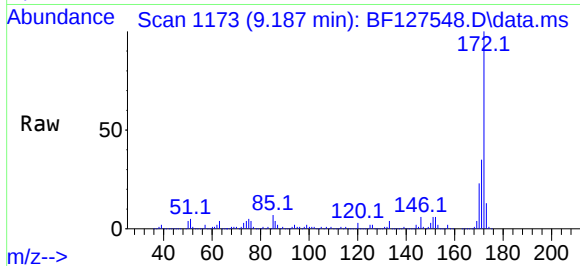




#45
2-Fluorobiphenyl
Concen: 75.986 ng
RT: 9.187 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

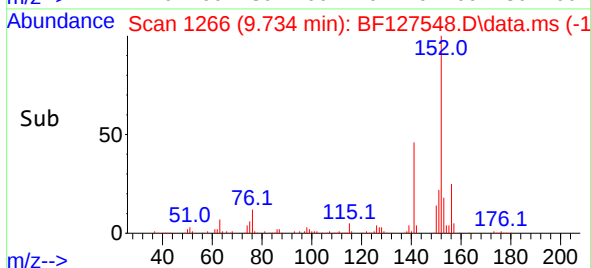
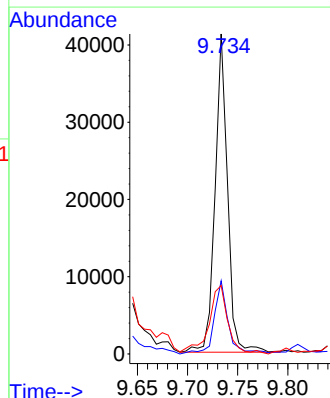
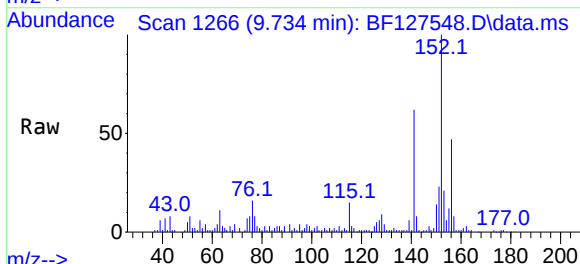
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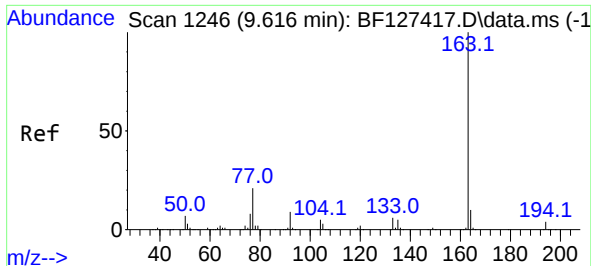
Tgt Ion:172 Resp: 998554
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 18.6 27.8



#49
Acenaphthylene
Concen: 2.066 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion:152 Resp: 35643
Ion Ratio Lower Upper
152 100
151 22.9 15.8 23.8
153 21.4 10.5 15.7#

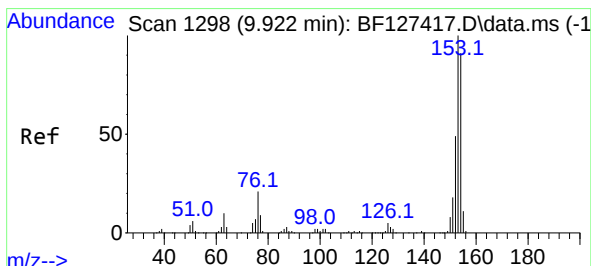
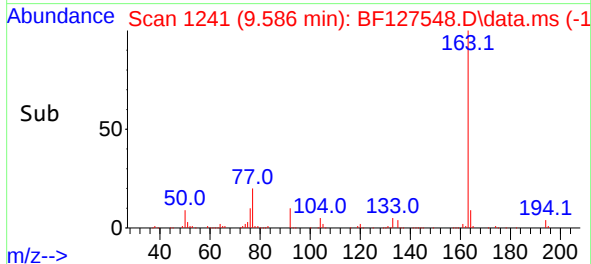
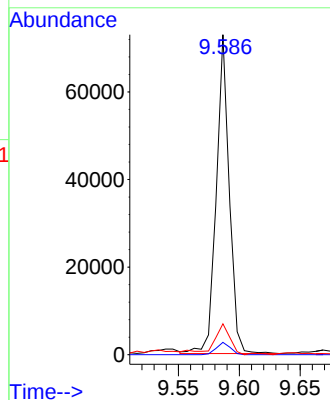
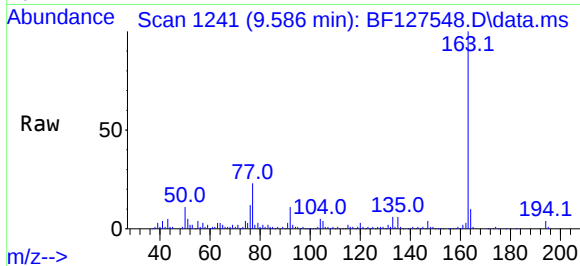




#50
Dimethylphthalate
Concen: 4.067 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

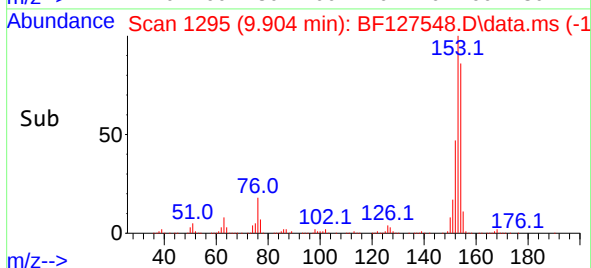
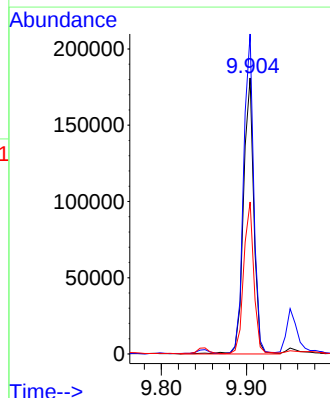
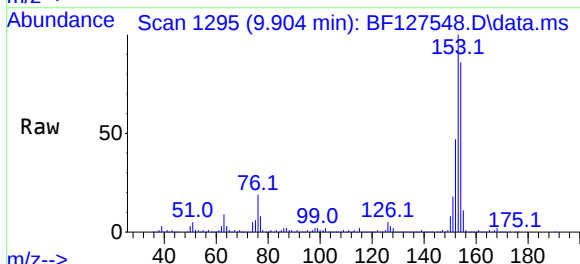
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

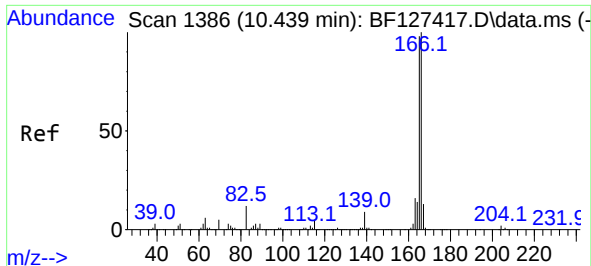
Tgt Ion:163 Resp: 54299
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 7.8 11.8



#52
Acenaphthene
Concen: 15.209 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion:154 Resp: 153102
Ion Ratio Lower Upper
154 100
153 115.9 87.6 131.4
152 55.1 42.9 64.3

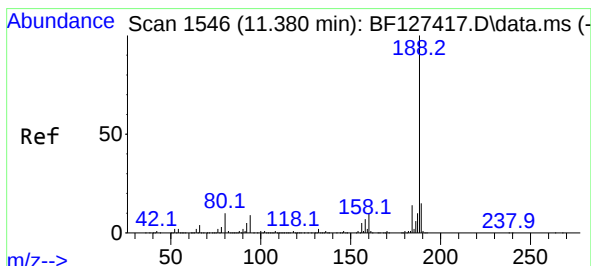
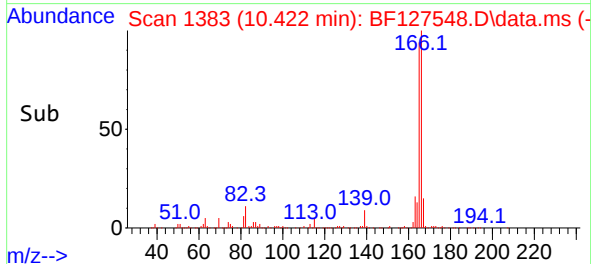
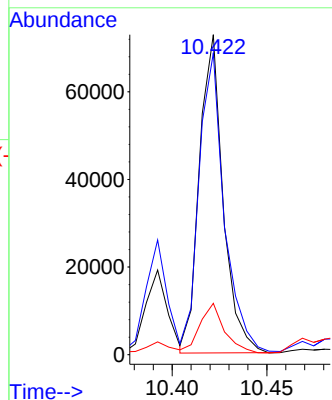
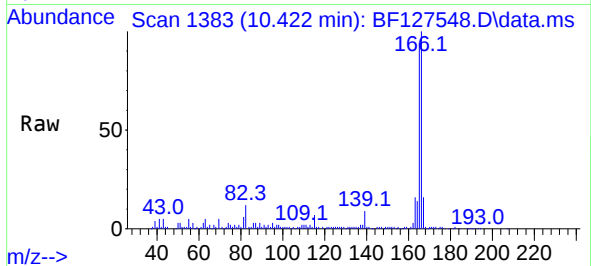




#58
Fluorene
Concen: 3.176 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

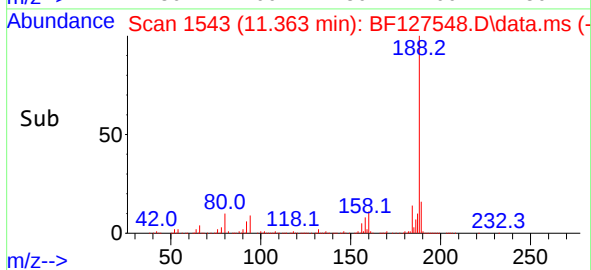
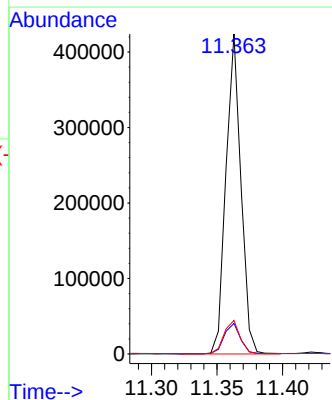
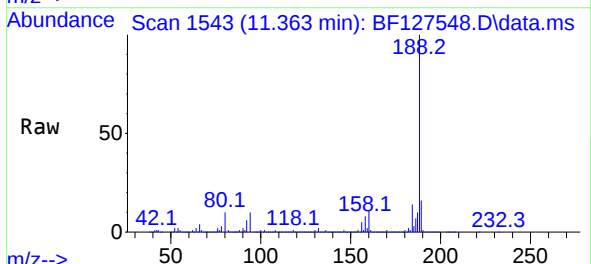
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

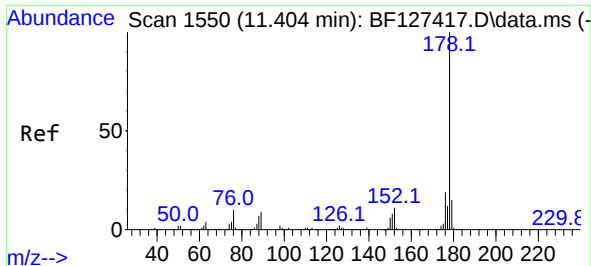
Tgt Ion:166 Resp: 63386
Ion Ratio Lower Upper
166 100
165 94.2 78.1 117.1
167 16.1 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion:188 Resp: 335342
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.5 8.0 12.0

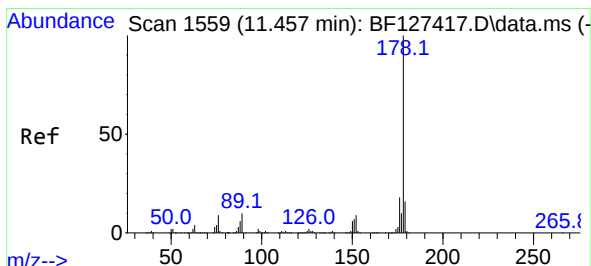
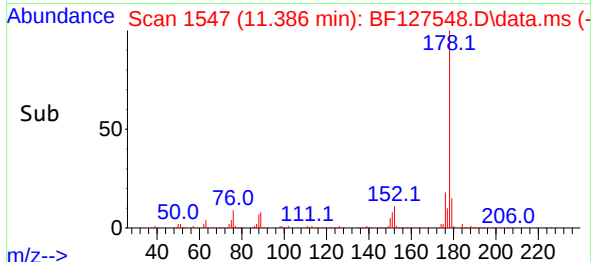
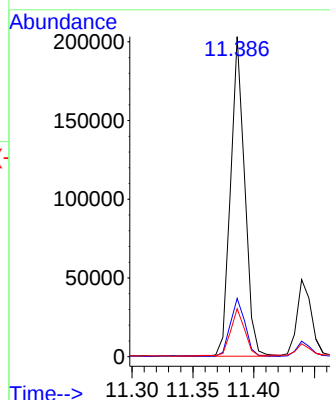
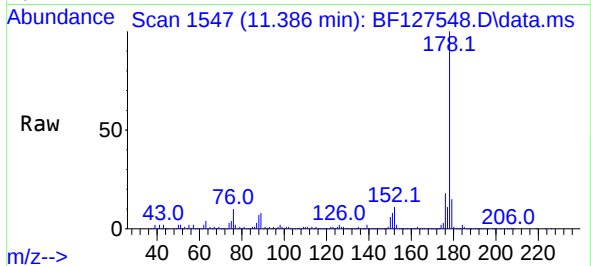




#71
Phenanthrene
Concen: 9.348 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

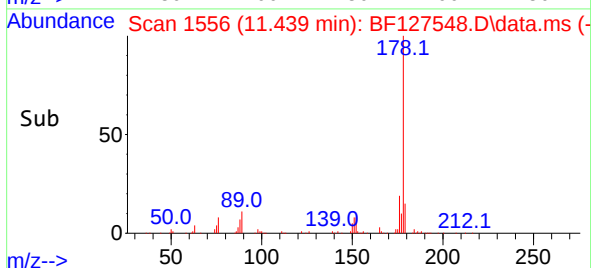
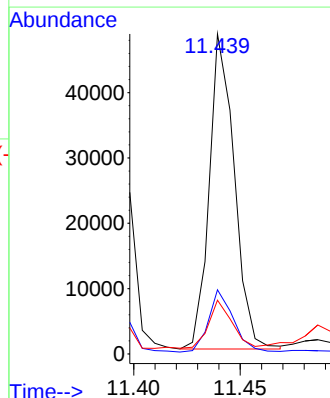
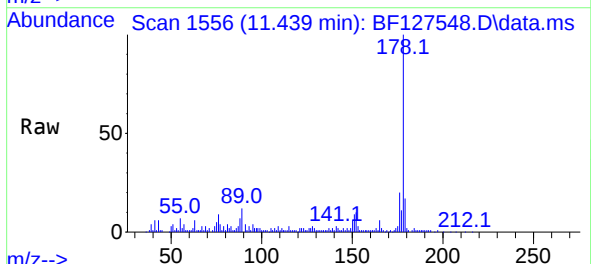
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

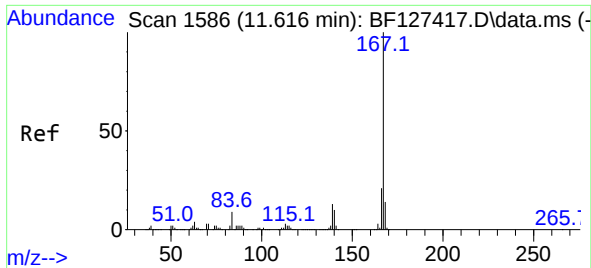
Tgt Ion:178 Resp: 163425
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.0 12.4 18.6



#72
Anthracene
Concen: 2.280 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion:178 Resp: 39562
Ion Ratio Lower Upper
178 100
176 20.1 14.6 22.0
179 16.8 12.4 18.6



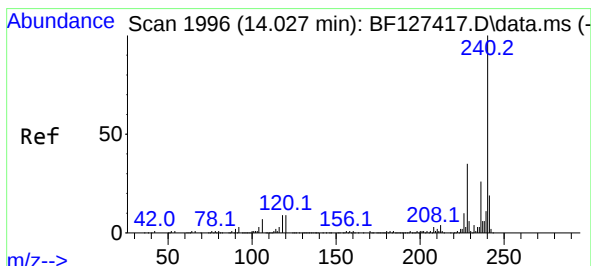
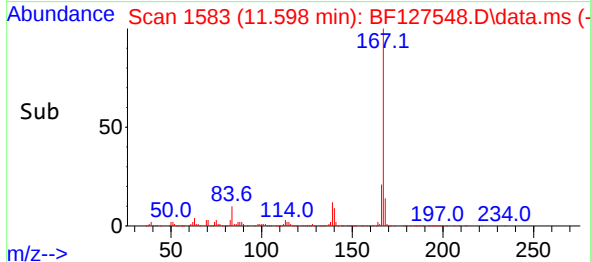
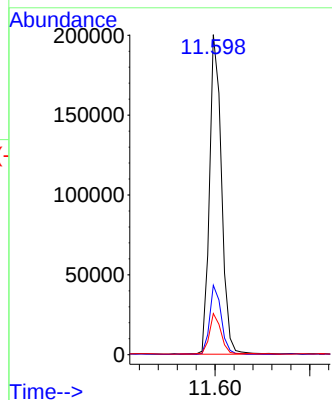
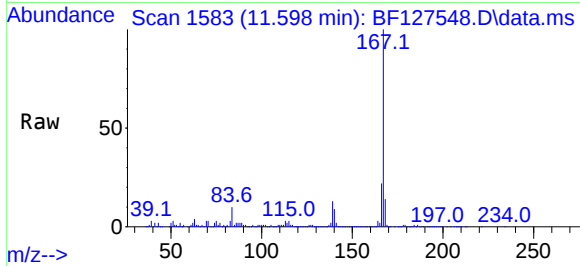


#73
 Carbazole
 Concen: 10.569 ng
 RT: 11.598 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127548.D
 Acq: 28 Mar 2022 18:10

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Tgt Ion:167 Resp: 175361

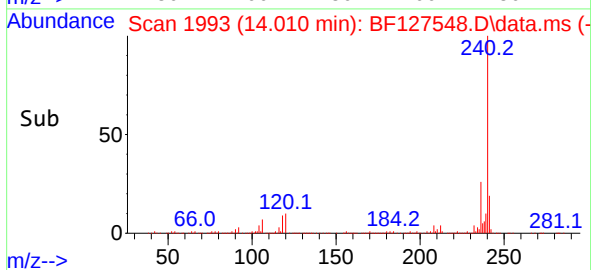
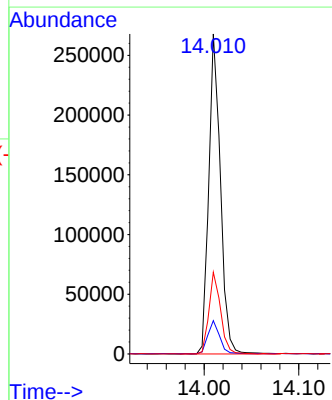
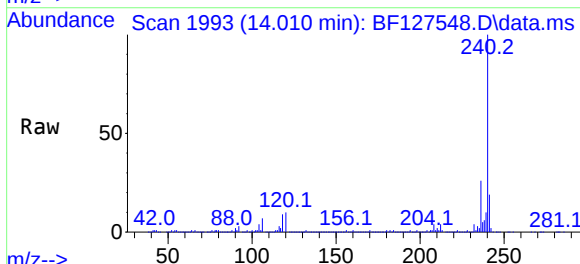
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	12.8	10.5	15.7

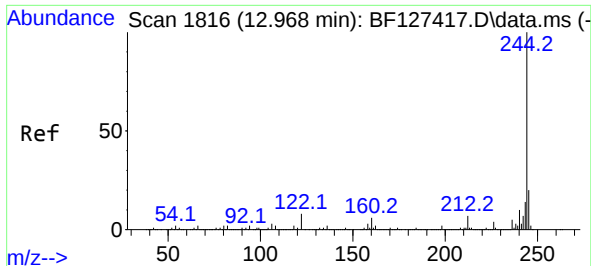


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.010 min Scan# 1993
 Delta R.T. -0.006 min
 Lab File: BF127548.D
 Acq: 28 Mar 2022 18:10

Tgt Ion:240 Resp: 228541

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.1	10.7
236	25.6	20.7	31.1

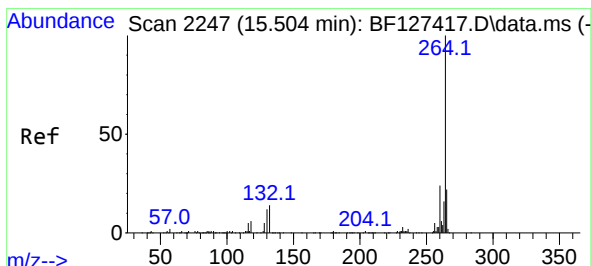
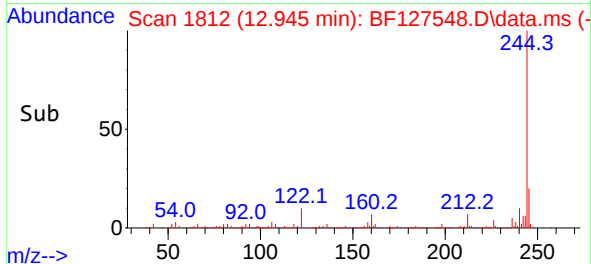
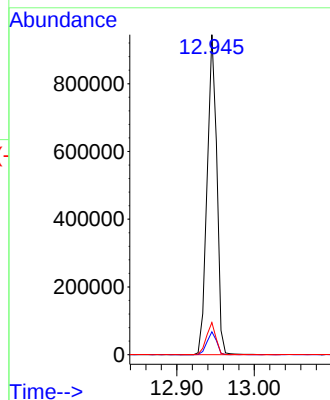
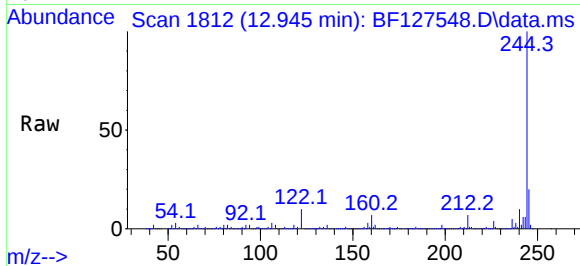




#79
 Terphenyl-d14
 Concen: 58.580 ng
 RT: 12.945 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127548.D
 Acq: 28 Mar 2022 18:10

Instrument : BNA_F
 ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Tgt Ion:244 Resp: 817825
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.1 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: BF127548.D
 Acq: 28 Mar 2022 18:10

Tgt Ion:264 Resp: 199347
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 22.1 17.4 26.2

