

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)

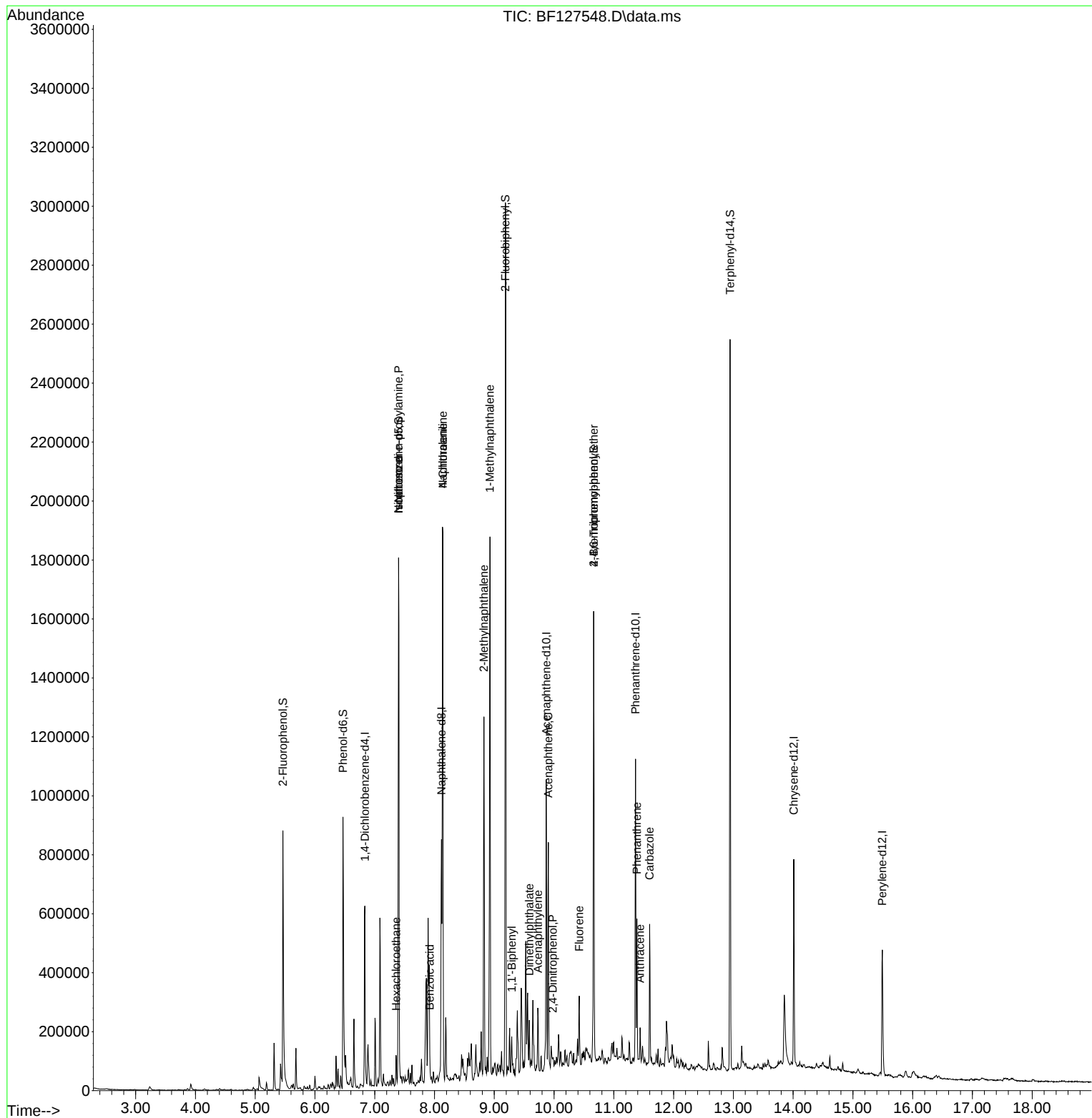
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	90814	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	335232	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	191894	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	335342	20.000	ng	0.00
76) Chrysene-d12	14.010	240	228541	20.000	ng	0.00
86) Perylene-d12	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
9) Benzaldehyde	6.387	77	2912	Below Cal	#	1
18) Hexachloroethane	7.357	117	6477	2.690	ng	# 1
19) n-Nitroso-di-n-propyla...	7.398	70	80829	17.339	ng	# 80
25) Isophorone	7.398	82	597205	47.812	ng	# 70
31) Naphthalene	8.140	128	862986	48.488	ng	99
32) Benzoic acid	7.922	122	6320	8.079	ng	# 32
33) 4-Chloroaniline	8.140	127	114025	16.533	ng	# 30
37) 2-Methylnaphthalene	8.828	142	303135	26.488	ng	100
38) 1-Methylnaphthalene	8.928	142	458164	40.487	ng	99
46) 1,1'-Biphenyl	9.292	154	29267	2.019	ng	94
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
54) 2,4-Dinitrophenol	9.981	184	63	8.740	ng	# 1
55) Dibenzofuran	10.081	168	30652	Below Cal		95
58) Fluorene	10.422	166	63386	3.176	ng	# 96
67) 4-Bromophenyl-phenylether	10.663	248	11143	2.846	ng	# 1
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

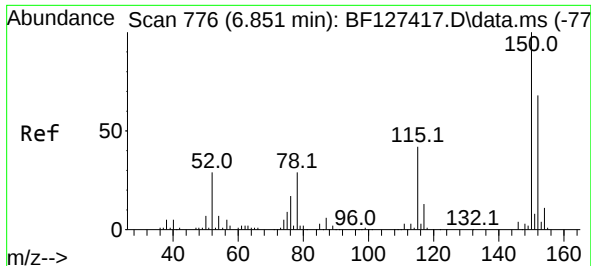
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 29 07:13:31 2022
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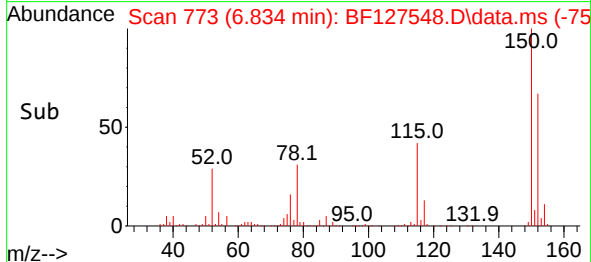
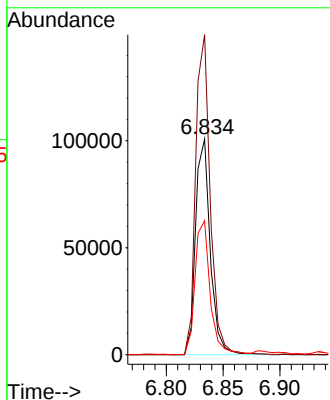
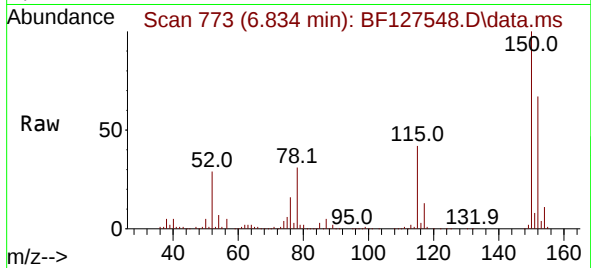




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

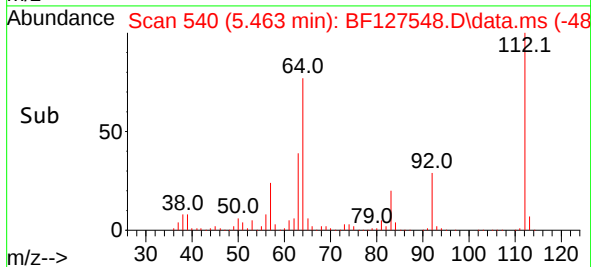
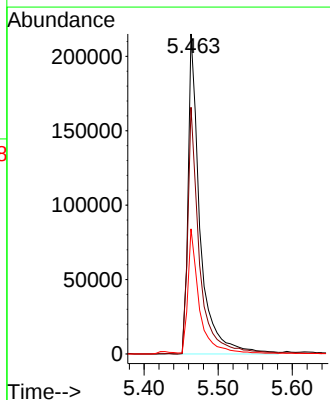
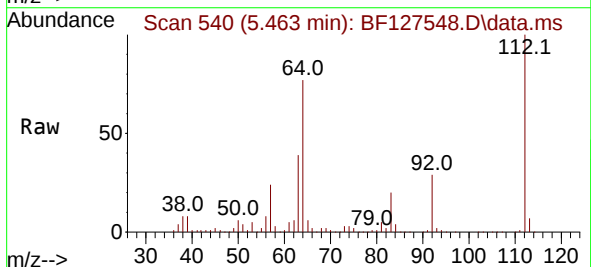
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

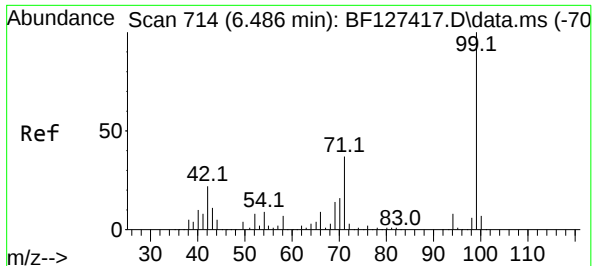
Tgt Ion:152 Resp: 90814
Ion Ratio Lower Upper
152 100
150 148.4 117.2 175.8
115 62.1 49.8 74.6



#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

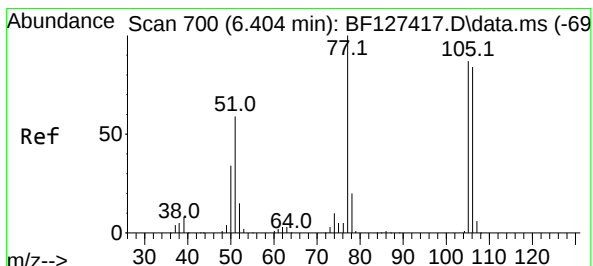
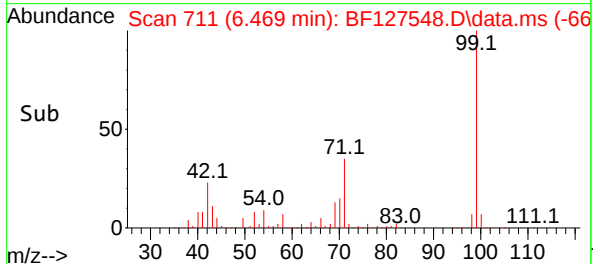
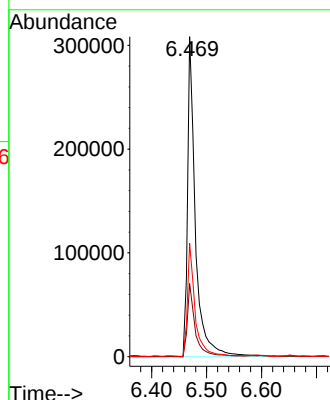
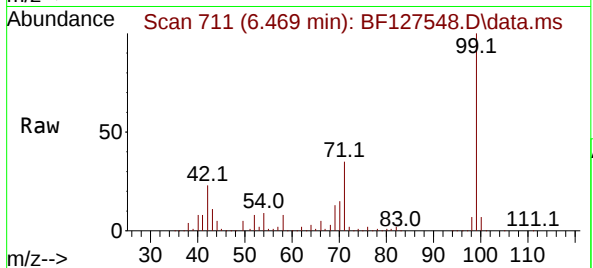




#7
Phenol-d6
Concen: 39.784 ng
RT: 6.469 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

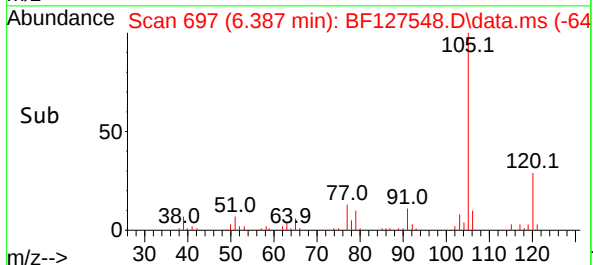
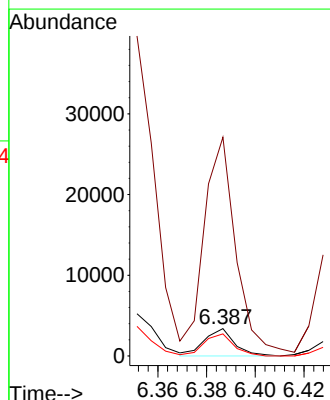
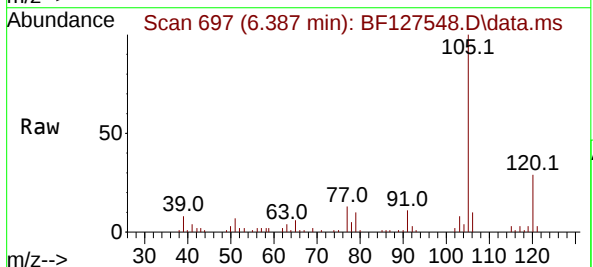
Instrument : BNA_F
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

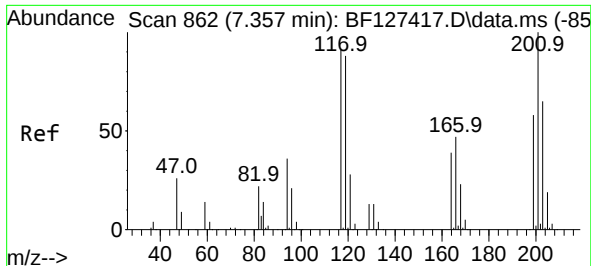
Tgt Ion: 99 Resp: 309394
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 35.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 697
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion: 77 Resp: 2912
Ion Ratio Lower Upper
77 100
105 798.6 66.8 106.8#
106 80.4 64.3 104.3

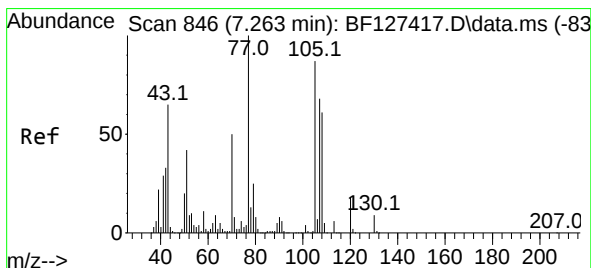
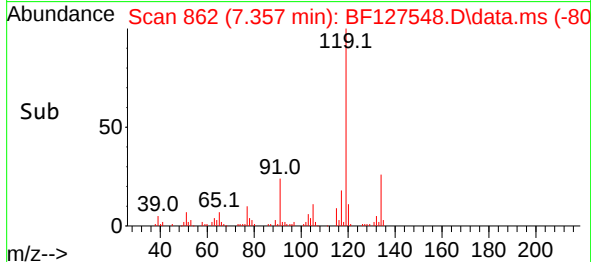
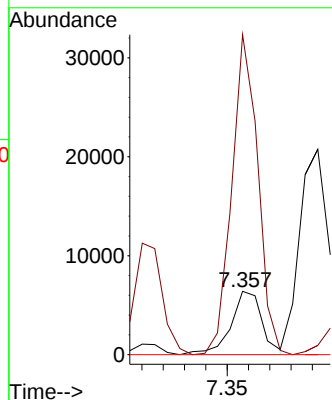
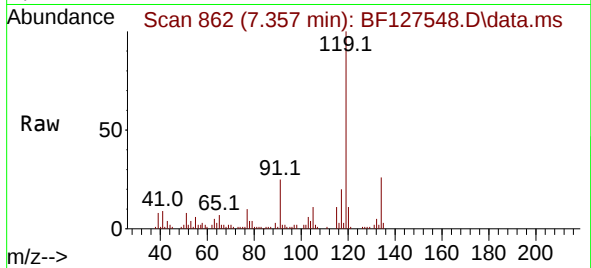




#18
Hexachloroethane
Concen: 2.690 ng
RT: 7.357 min Scan# 862
Delta R.T. 0.018 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

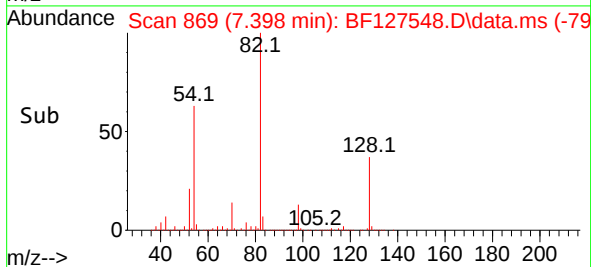
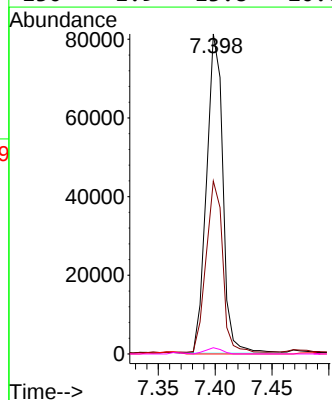
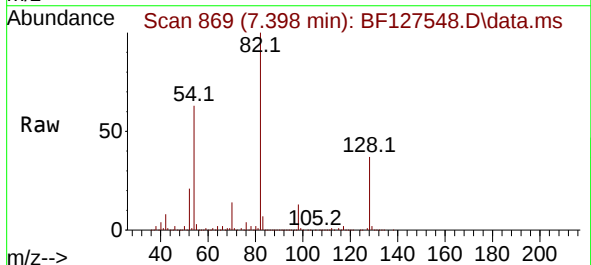
Instrument : BNA_F
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

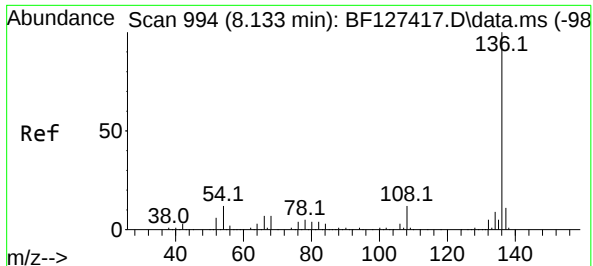
Tgt Ion:117 Resp: 6477
Ion Ratio Lower Upper
117 100
119 505.3 77.6 116.4#
201 0.0 88.2 132.2#



#19
n-Nitroso-di-n-propylamine
Concen: 17.339 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.147 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion: 70 Resp: 80829
Ion Ratio Lower Upper
70 100
42 54.0 53.0 79.6
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



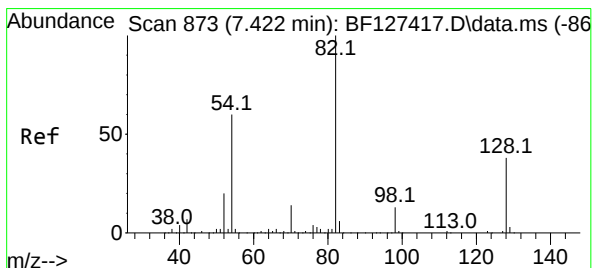
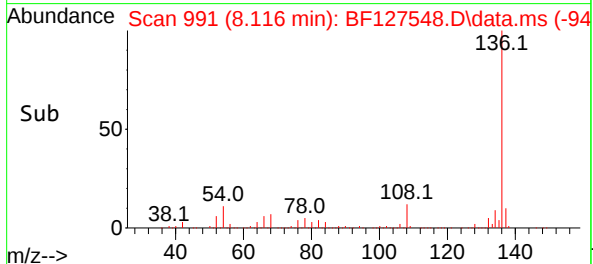
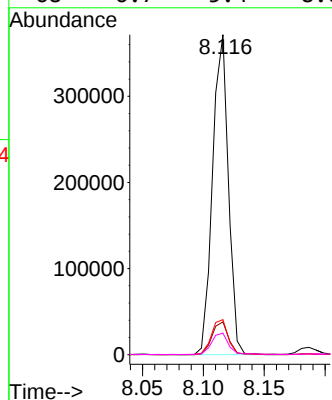
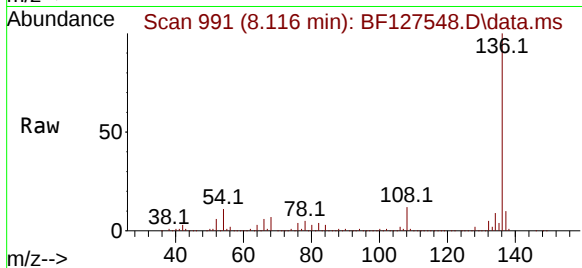


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

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

Tgt Ion:136 Resp: 335232

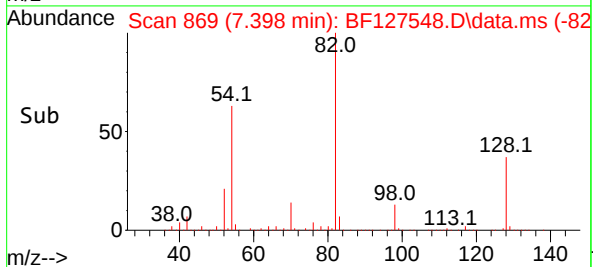
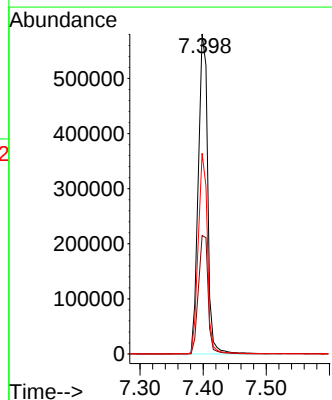
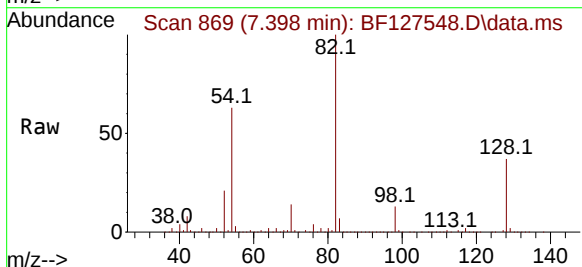
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	11.0	9.2	13.8
68	6.7	5.4	8.0

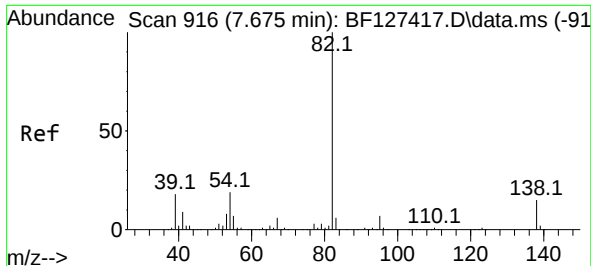


#23
Nitrobenzene-d5
Concen: 76.300 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

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

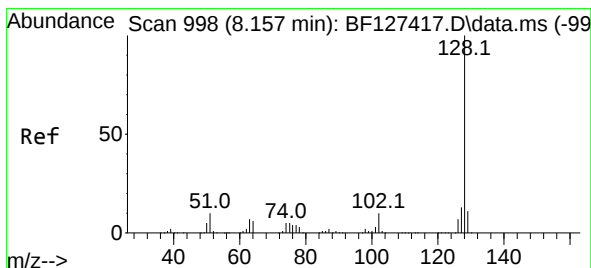
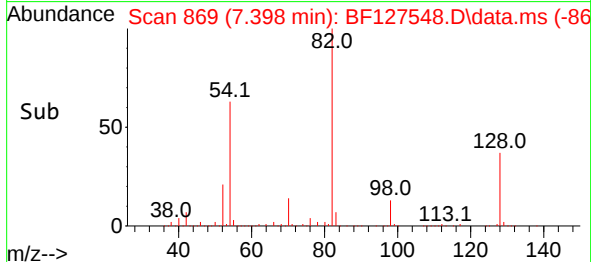
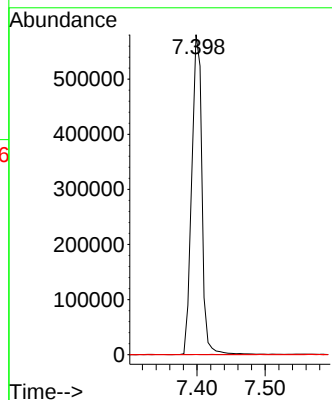
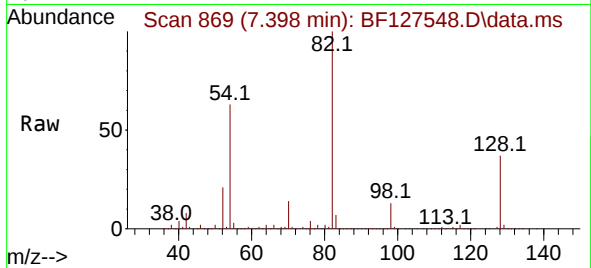




#25
Isophorone
Concen: 47.812 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.264 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

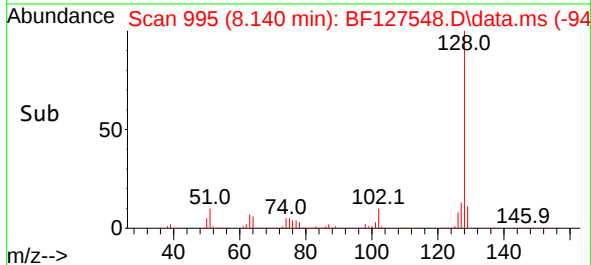
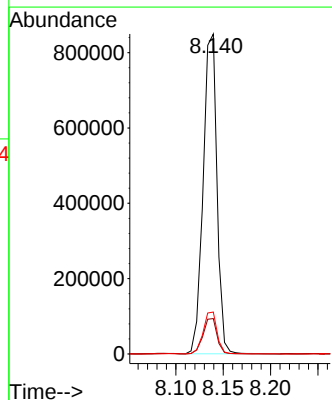
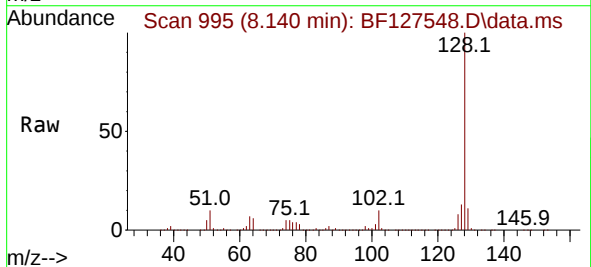
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

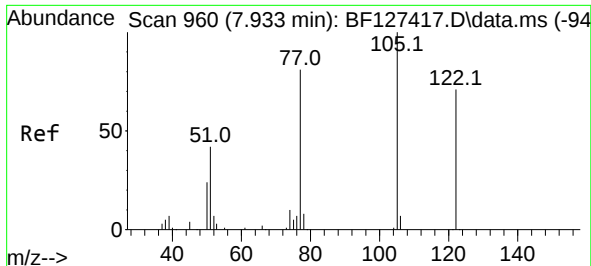
Tgt Ion: 82 Resp: 597205
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#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

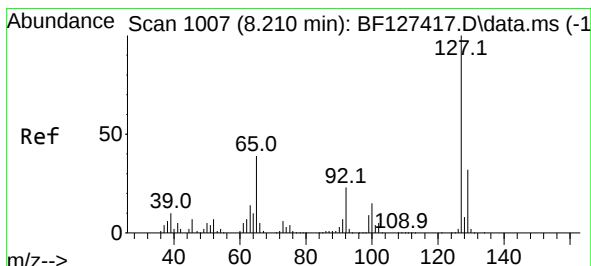
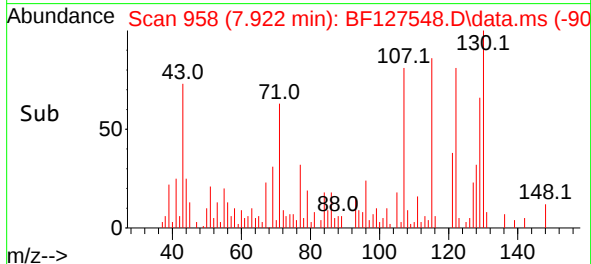
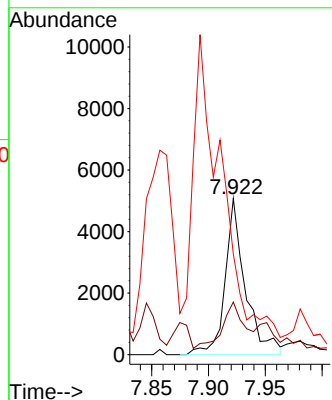
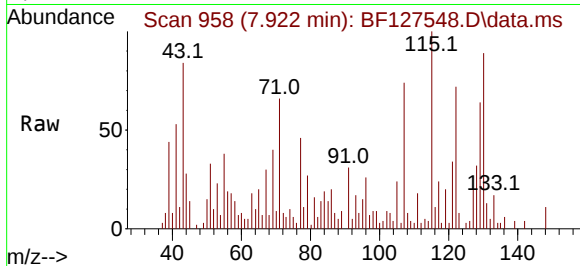




#32
Benzoic acid
Concen: 8.079 ng
RT: 7.922 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

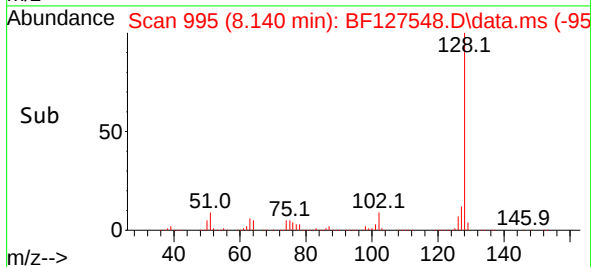
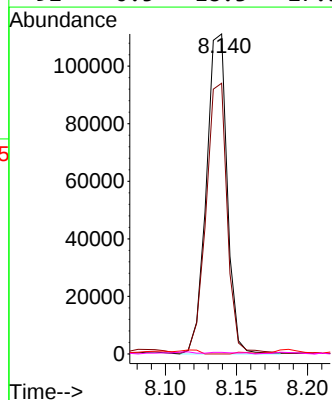
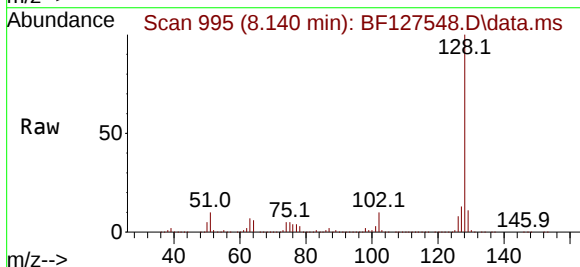
Instrument : BNA_F
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

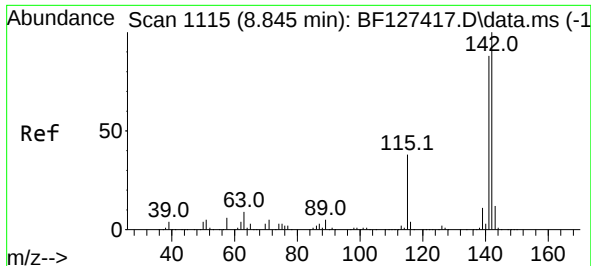
Tgt Ion:122 Resp: 6320
Ion Ratio Lower Upper
122 100
105 33.7 117.1 157.1#
77 64.4 93.0 133.0#



#33
4-Chloroaniline
Concen: 16.533 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.059 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

Tgt Ion:127 Resp: 114025
Ion Ratio Lower Upper
127 100
129 84.6 25.9 38.9#
65 0.0 31.4 47.0#
92 0.5 18.3 27.5#





#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 :

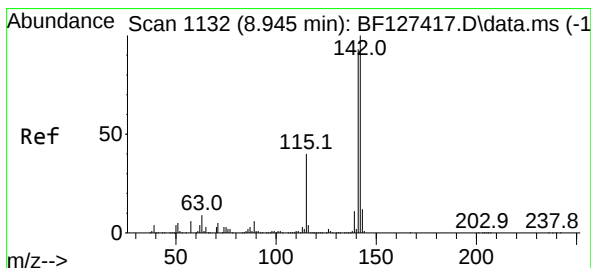
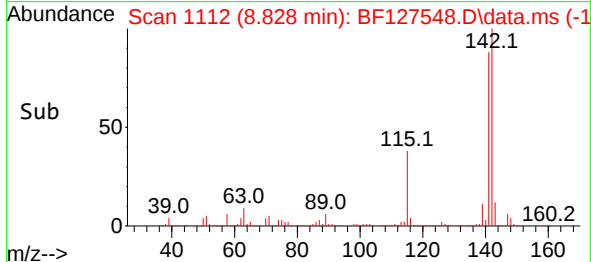
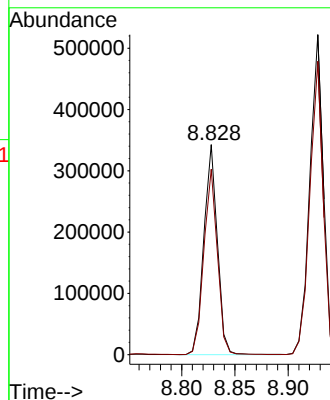
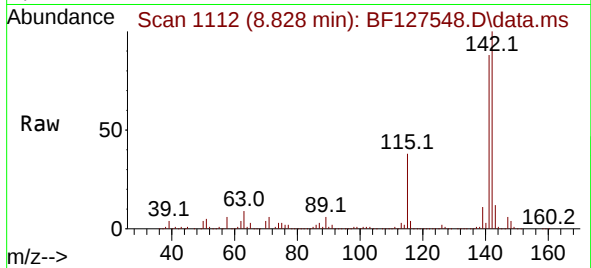
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

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

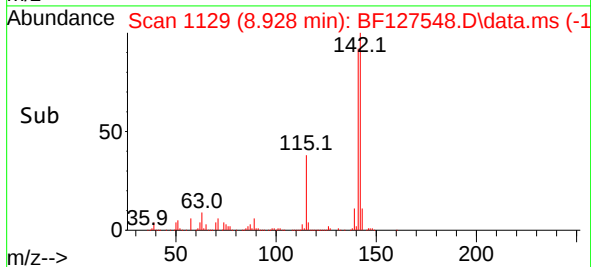
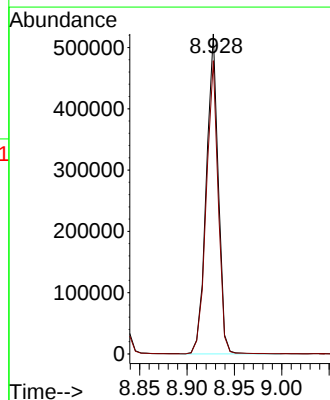
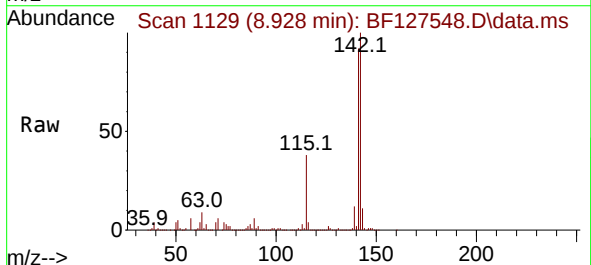
Acq: 28 Mar 2022 18:10

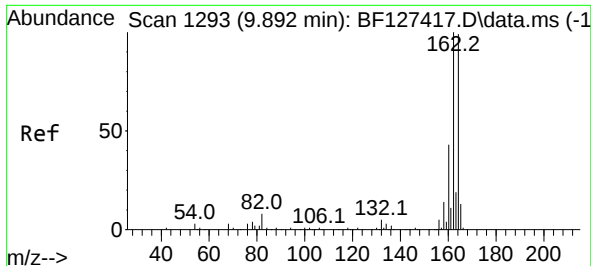
Tgt Ion:142 Resp: 458164

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.2

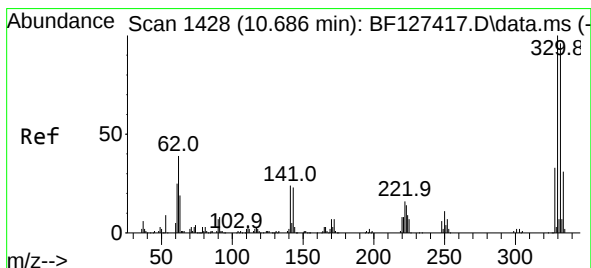
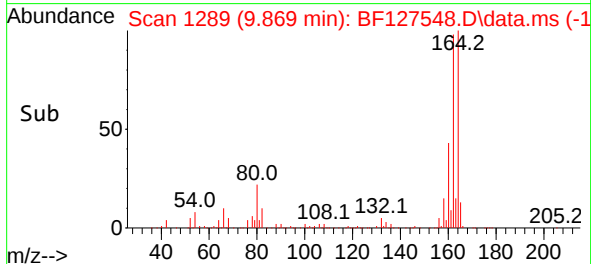
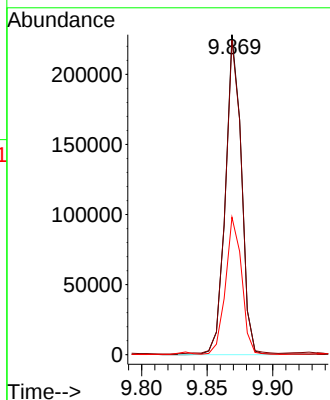
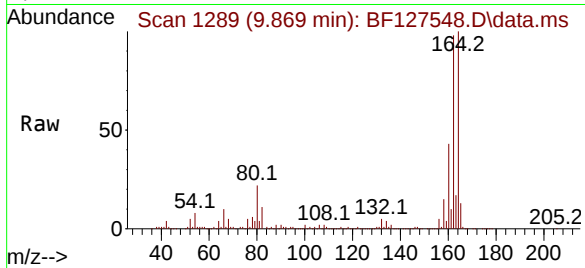




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

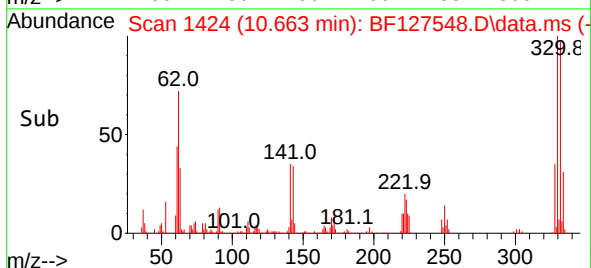
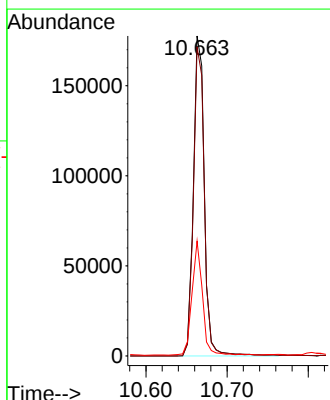
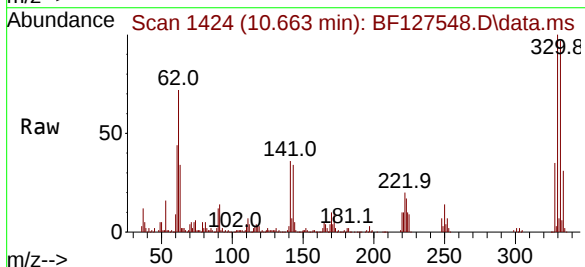
Instrument : BNA_F
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

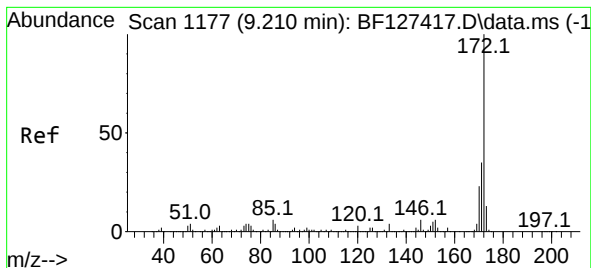
Tgt Ion:164 Resp: 191894
Ion Ratio Lower Upper
164 100
162 98.3 81.2 121.8
160 43.0 34.6 52.0



#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# 1173

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

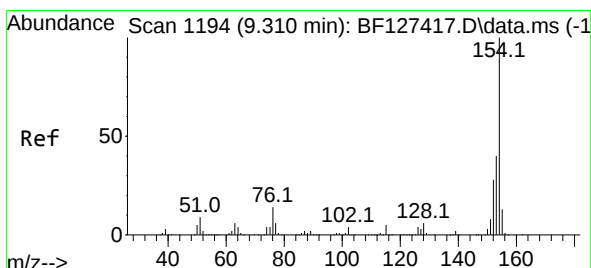
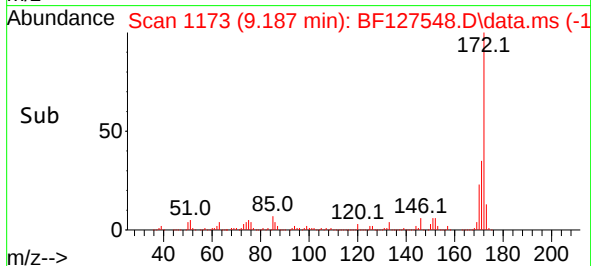
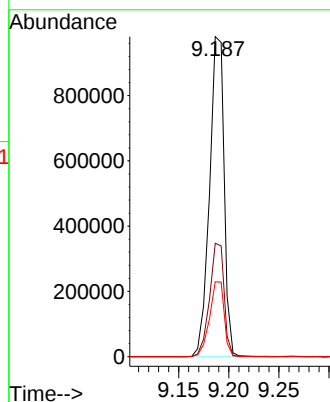
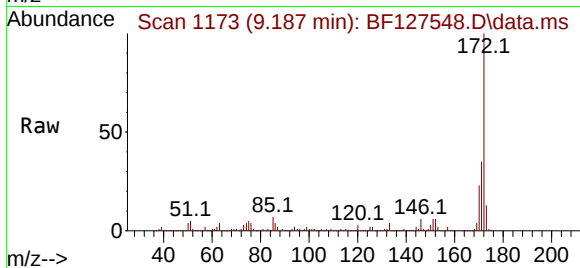
Tgt Ion:172 Resp: 998554

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 2.019 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF127548.D

Acq: 28 Mar 2022 18:10

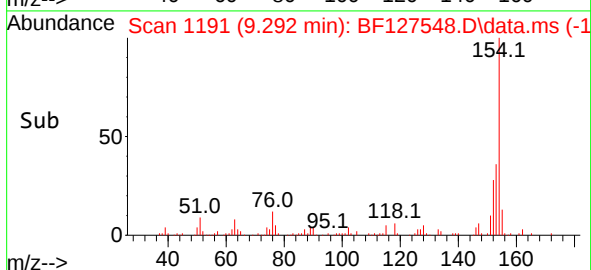
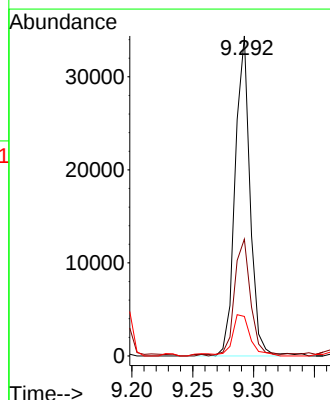
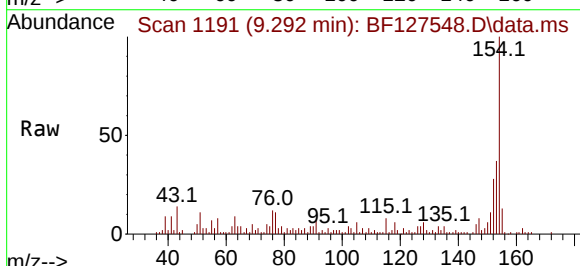
Tgt Ion:154 Resp: 29267

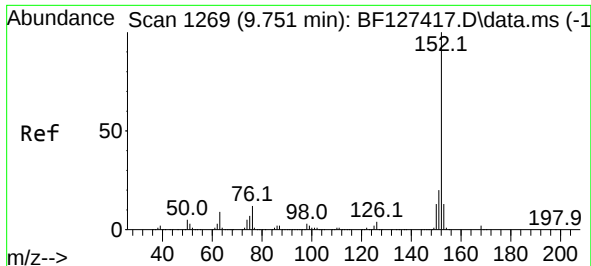
Ion Ratio Lower Upper

154 100

153 36.5 20.3 60.3

76 12.3 0.0 33.9





#49

Acenaphthylene

Concen: 2.066 ng

RT: 9.734 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

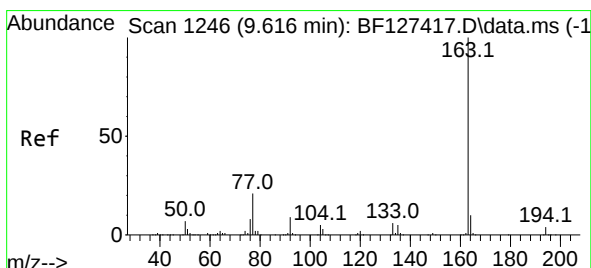
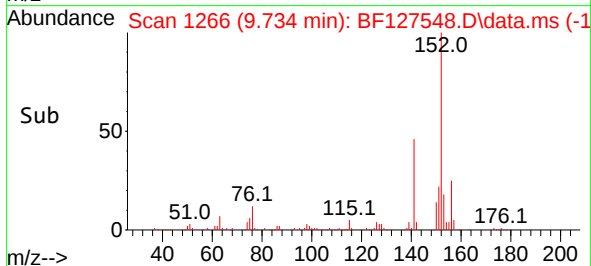
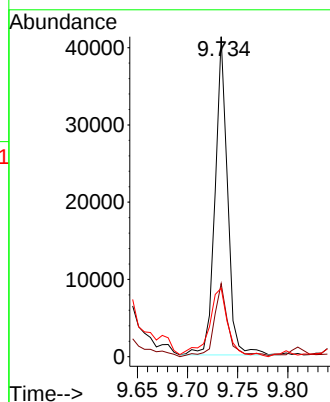
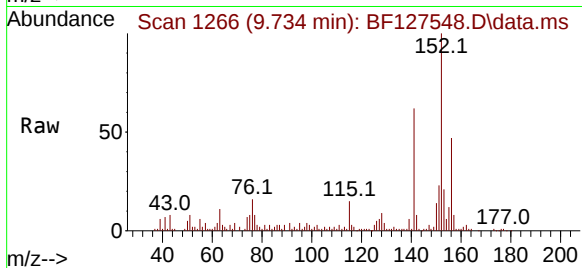
Tgt Ion:152 Resp: 35643

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# 1241

Delta R.T. -0.012 min

Lab File: BF127548.D

Acq: 28 Mar 2022 18:10

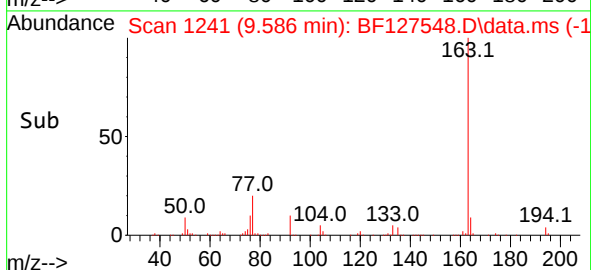
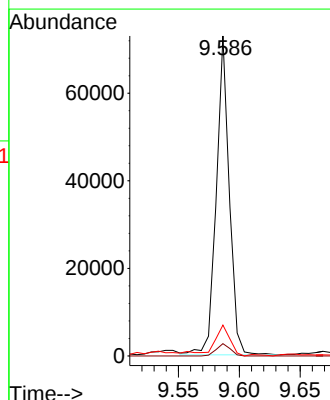
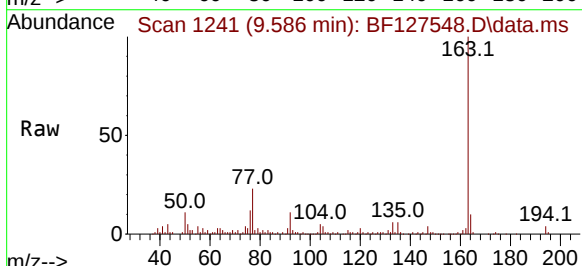
Tgt Ion:163 Resp: 54299

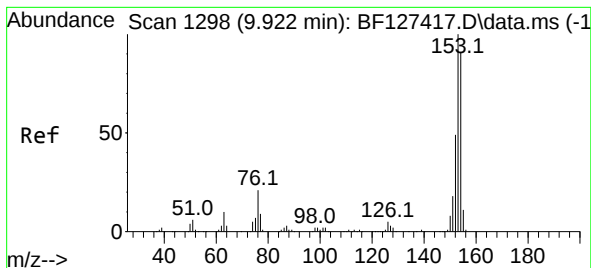
Ion Ratio Lower Upper

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# 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

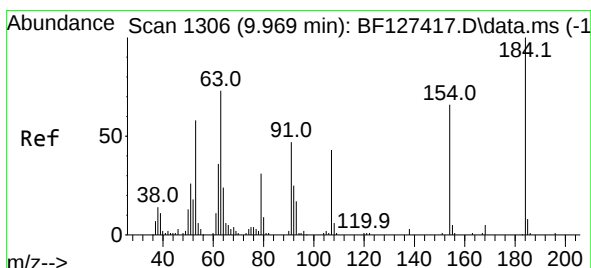
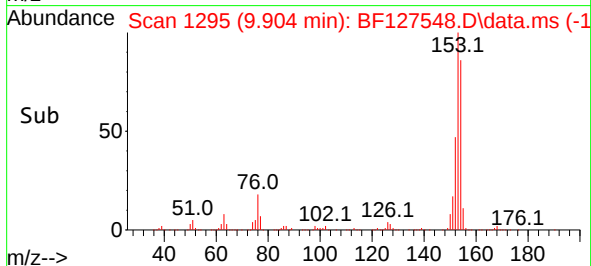
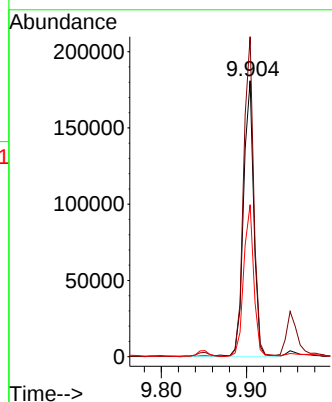
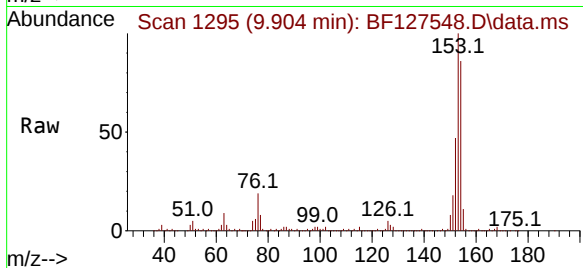
Tgt Ion:154 Resp: 153102

Ion Ratio Lower Upper

154 100

153 115.9 87.6 131.4

152 55.1 42.9 64.3



#54

2,4-Dinitrophenol

Concen: 8.740 ng

RT: 9.981 min Scan# 1308

Delta R.T. 0.024 min

Lab File: BF127548.D

Acq: 28 Mar 2022 18:10

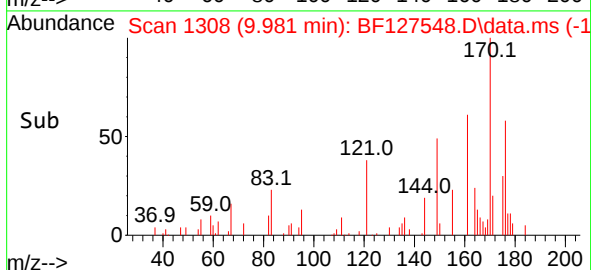
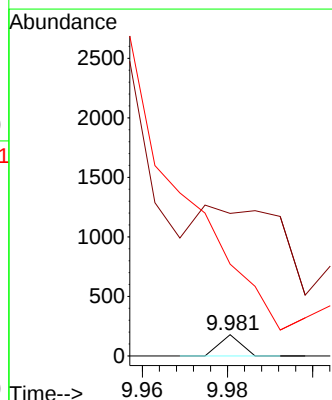
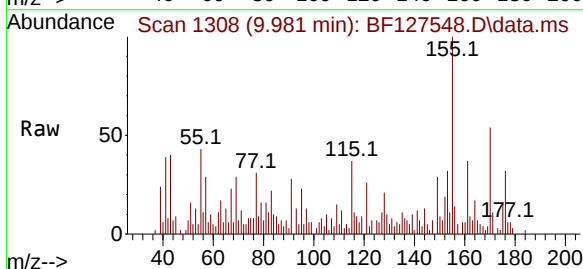
Tgt Ion:184 Resp: 63

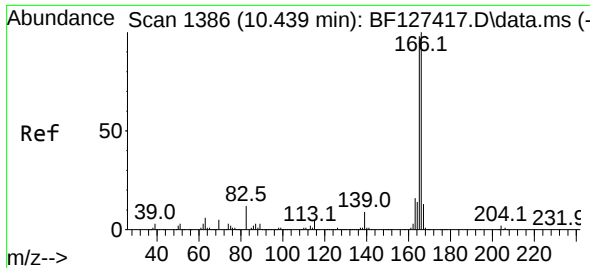
Ion Ratio Lower Upper

184 100

63 673.0 58.1 87.1#

154 433.1 53.2 79.8#

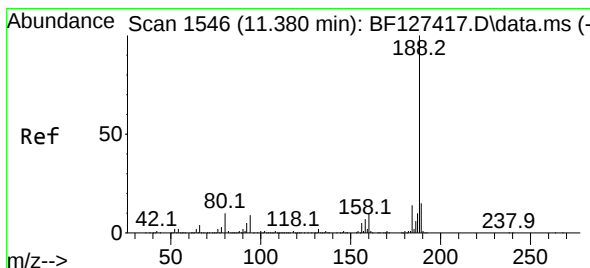
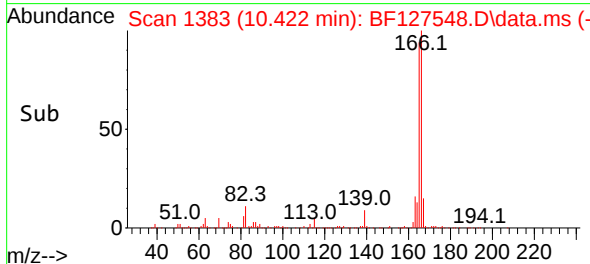
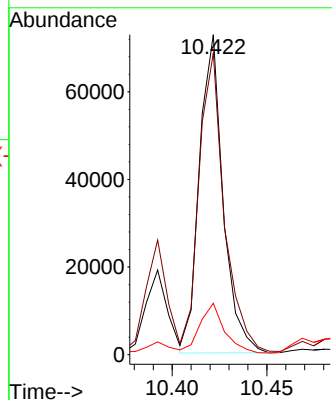
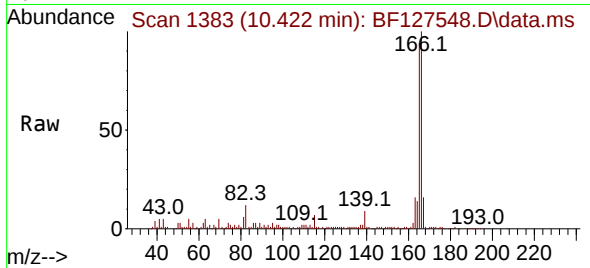




#58
Fluorene
Concen: 3.176 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

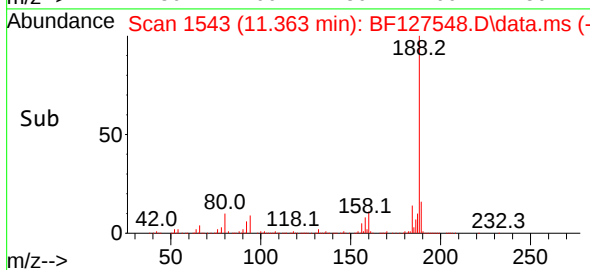
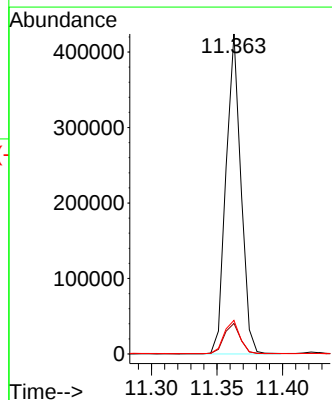
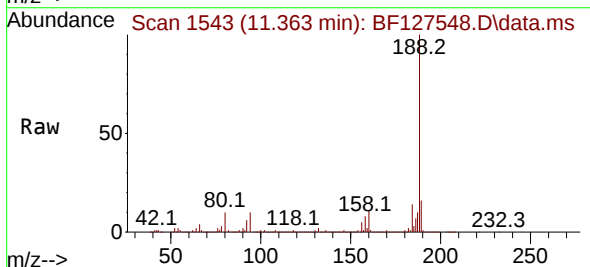
Instrument : BNA_F
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

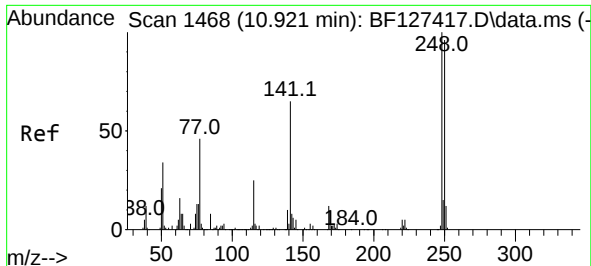
Tgt Ion:166 Resp: 63386
Ion Ratio Lower Upper
166 100
165 94.2 78.1 117.1
167 16.1 10.5 15.7#



#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

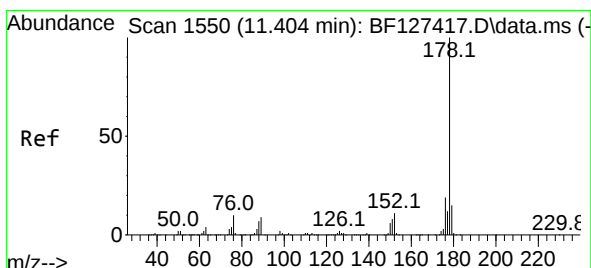
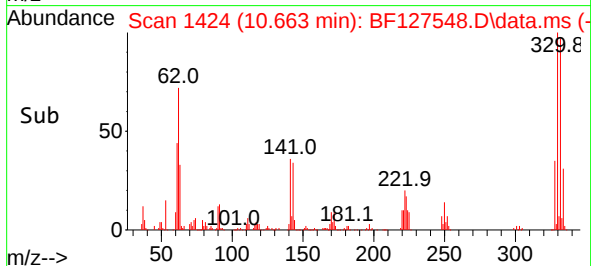
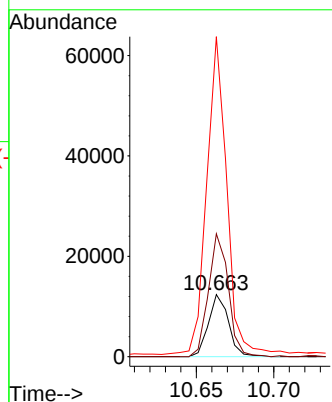
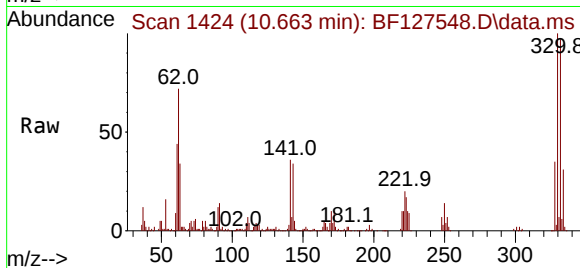




#67
4-Bromophenyl-phenylether
Concen: 2.846 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

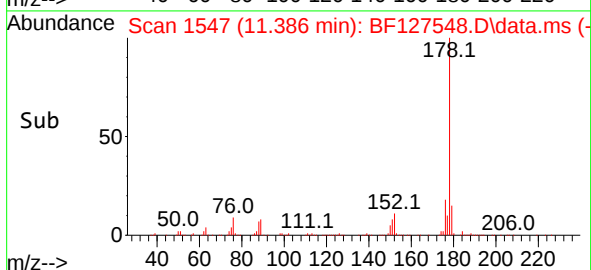
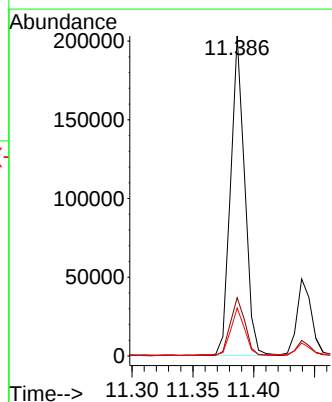
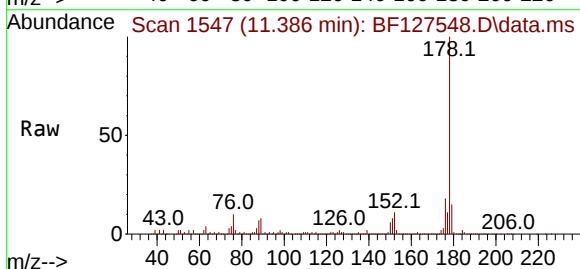
Instrument : BNA_F
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

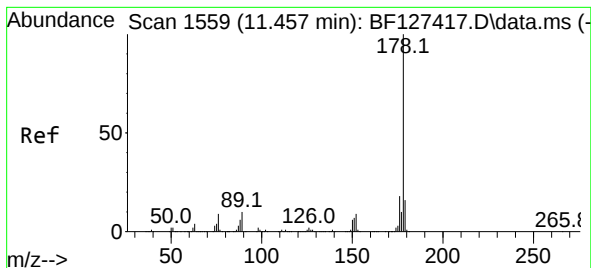
Tgt Ion:248 Resp: 11143
Ion Ratio Lower Upper
248 100
250 197.8 76.6 115.0#
141 515.1 52.2 78.2#



#71
Phenanthrene
Concen: 9.348 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127548.D
Acq: 28 Mar 2022 18:10

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

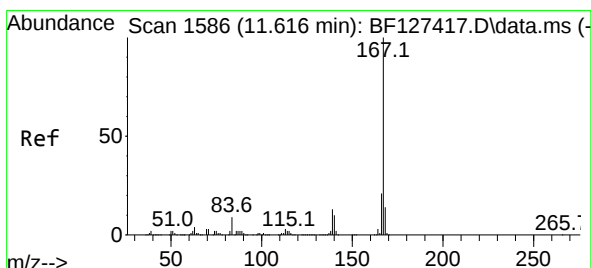
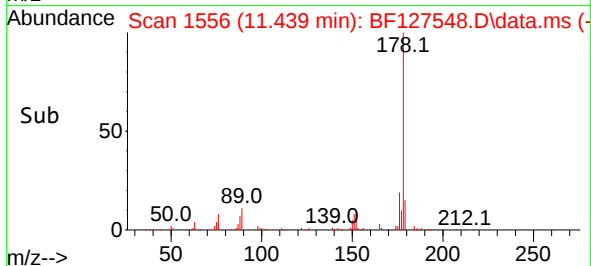
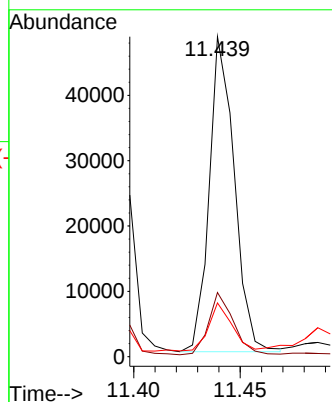
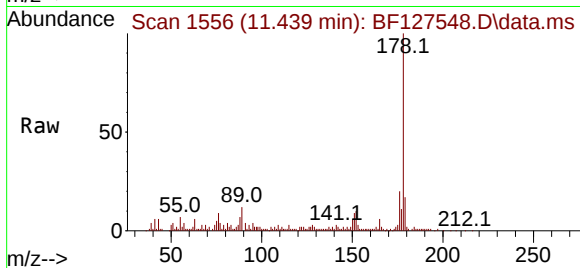
Instrument :

BNA_F

ClientSampleId :

DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

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

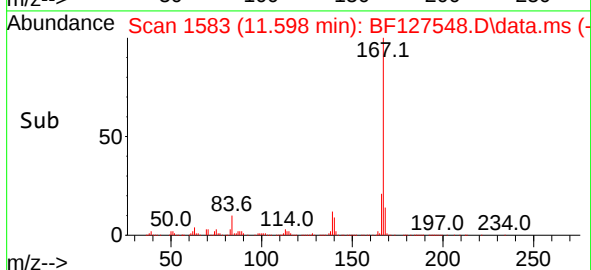
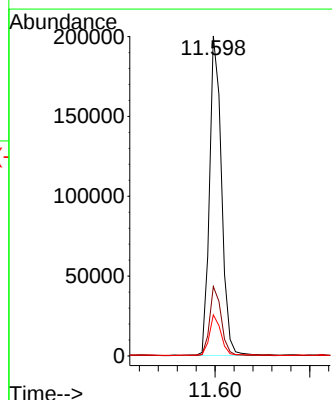
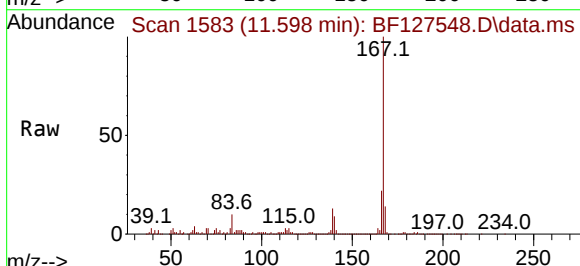
RT: 11.598 min Scan# 1583

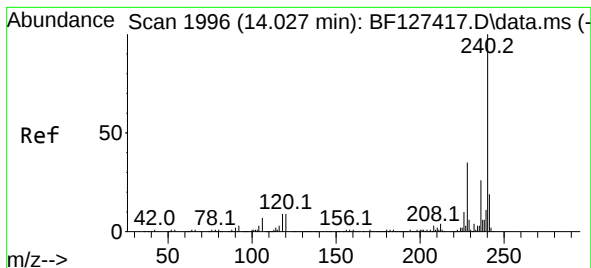
Delta R.T. -0.006 min

Lab File: BF127548.D

Acq: 28 Mar 2022 18:10

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

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

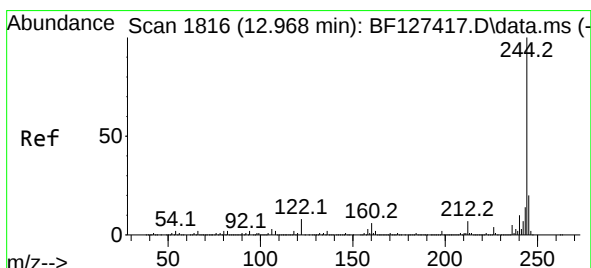
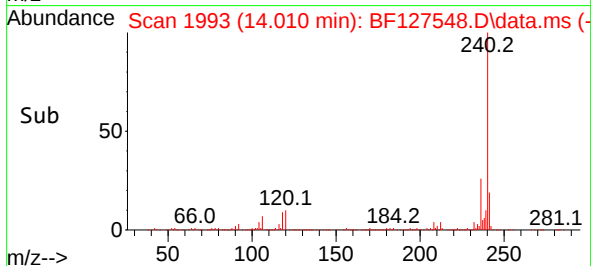
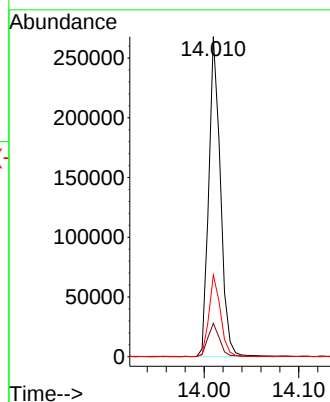
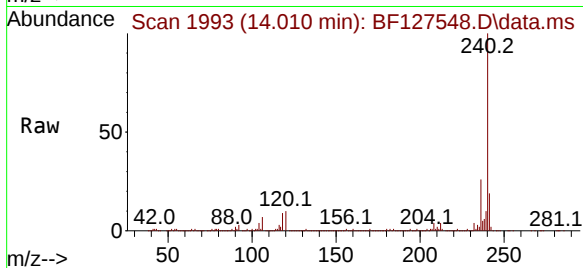
Tgt Ion:240 Resp: 228541

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# 1812

Delta R.T. -0.006 min

Lab File: BF127548.D

Acq: 28 Mar 2022 18:10

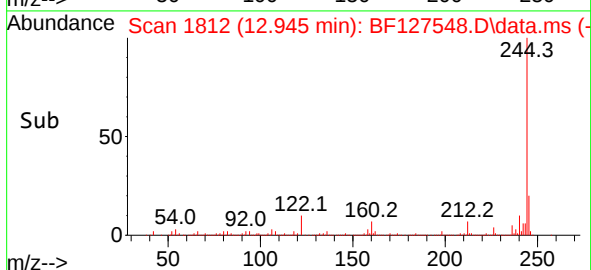
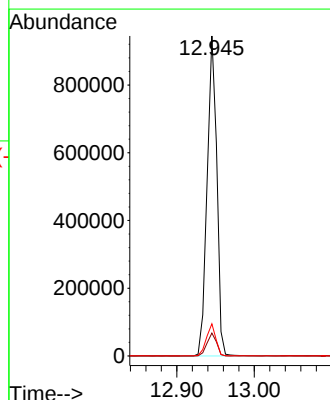
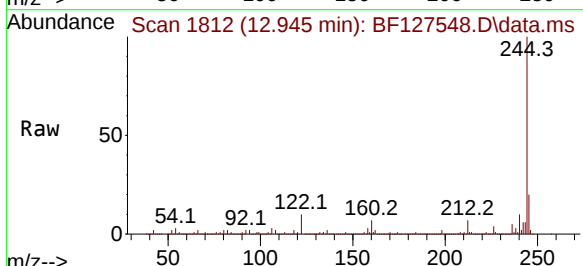
Tgt Ion:244 Resp: 817825

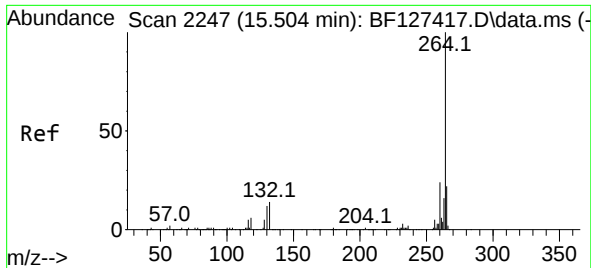
Ion Ratio Lower Upper

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# 21
 Delta R.T. 0.000 min
 Lab File: BF127548.D
 Acq: 28 Mar 2022 18:10

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

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

