

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127231.D
 Acq On : 07 Mar 2022 20:20
 Operator : CG\JU
 Sample : N1701-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220214-096-21-02-ELUTRIATE

Quant Time: Mar 08 00:03:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

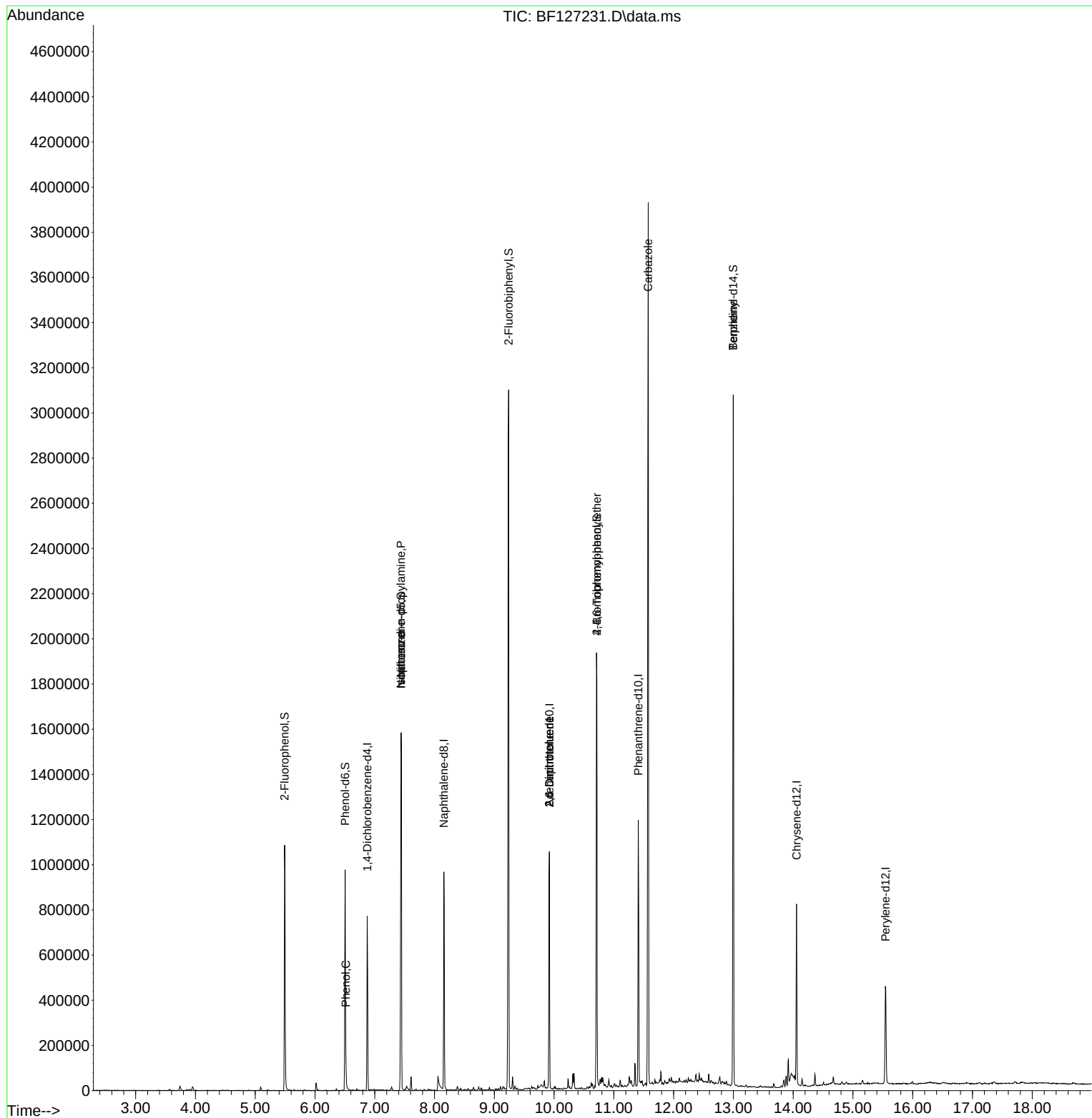
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	96868	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	394231	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	207470	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	365738	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	241531	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	187283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	275911	44.023	ng	0.00
7) Phenol-d6	6.504	99	272611	32.235	ng	-0.01
23) Nitrobenzene-d5	7.440	82	555224	63.570	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	237247	99.319	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	929114	65.928	ng	0.00
79) Terphenyl-d14	12.998	244	986385	60.035	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	26769	3.133	ng	80
19) n-Nitroso-di-n-propyla...	7.440	70	76611	14.059	ng	# 77
25) Isophorone	7.440	82	555213	38.416	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	26871	8.906	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	26871	6.587	ng	# 16
67) 4-Bromophenyl-phenylether	10.716	248	13852	3.390	ng	# 1
73) Carbazole	11.575	167	43275	2.316	ng	# 60
77) Benzidine	12.998	184	14306	2.180	ng	# 92

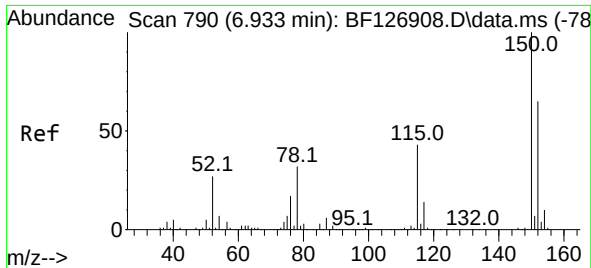
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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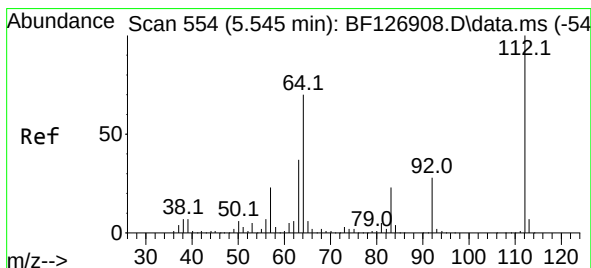
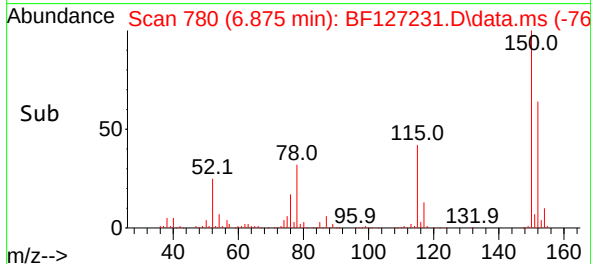
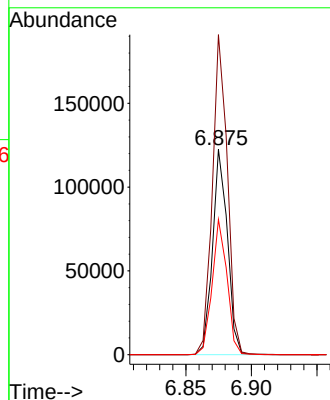
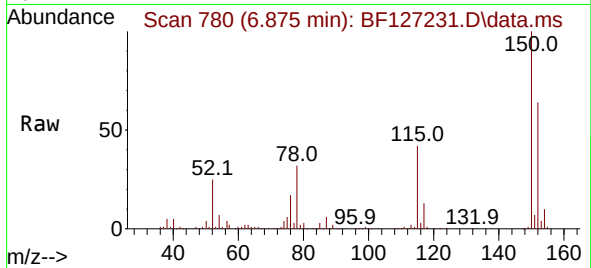




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

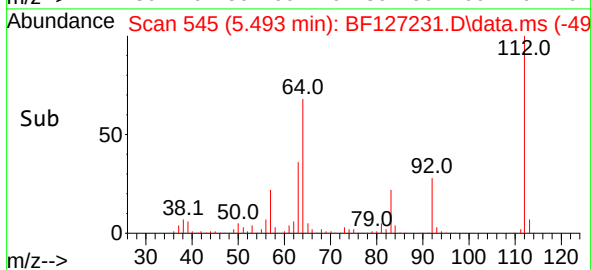
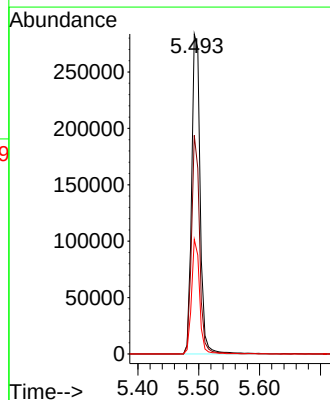
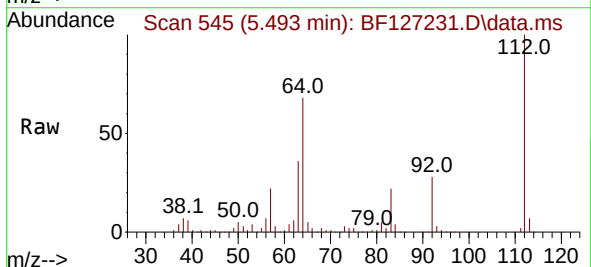
Instrument :
BNA_F
ClientSampleId :
20220214-096-21-02-ELUTRIATE

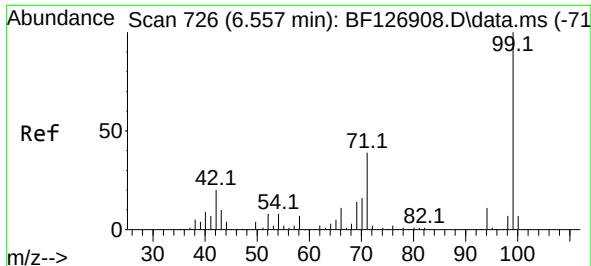
Tgt Ion:152 Resp: 96868
Ion Ratio Lower Upper
152 100
150 155.9 128.1 192.1
115 65.9 56.7 85.1



#5
2-Fluorophenol
Concen: 44.023 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

Tgt Ion:112 Resp: 275911
Ion Ratio Lower Upper
112 100
64 68.3 49.5 74.3
63 35.8 23.9 35.9

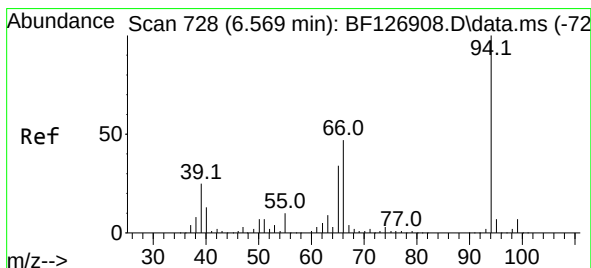
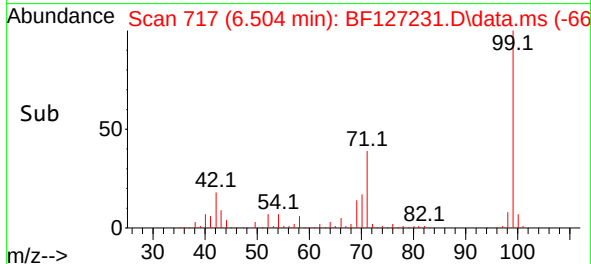
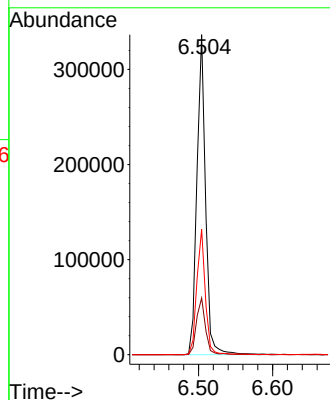
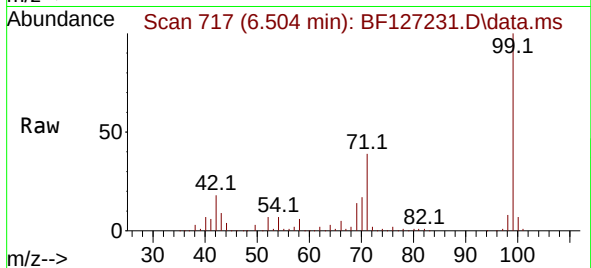




#7
Phenol-d6
Concen: 32.235 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

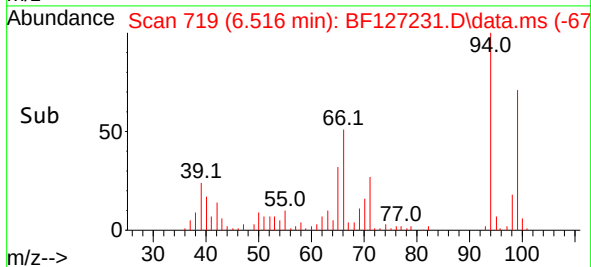
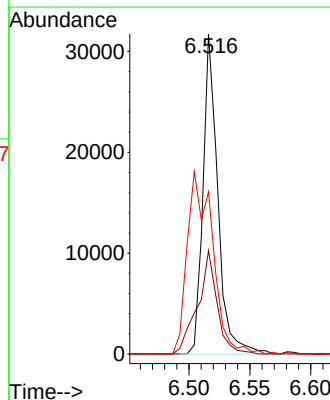
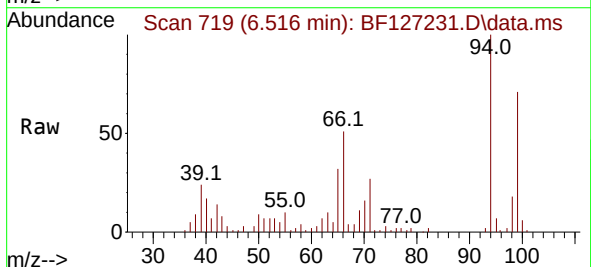
Instrument :
BNA_F
ClientSampleId :
20220214-096-21-02-ELUTRIATE

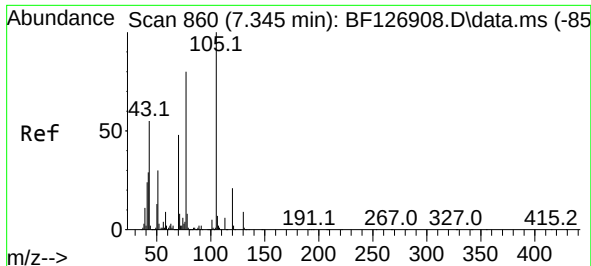
Tgt Ion: 99 Resp: 272611
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 39.2 24.3 36.5#



#10
Phenol
Concen: 3.133 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

Tgt Ion: 94 Resp: 26769
Ion Ratio Lower Upper
94 100
65 32.3 7.2 47.2
66 50.7 14.5 54.5

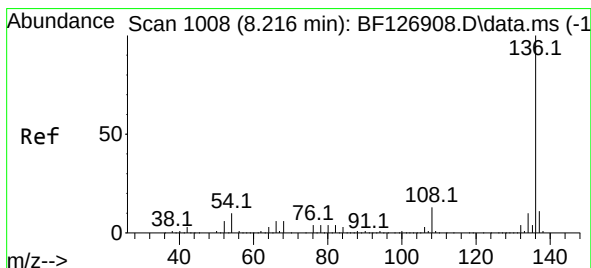
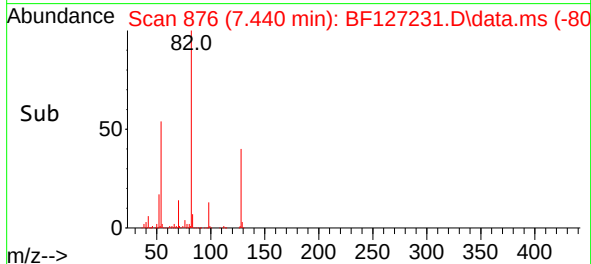
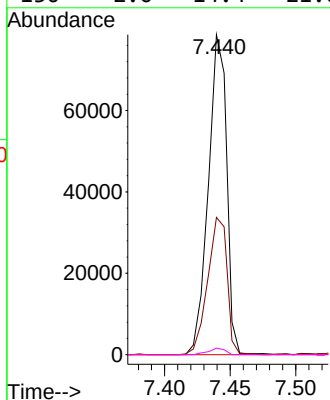
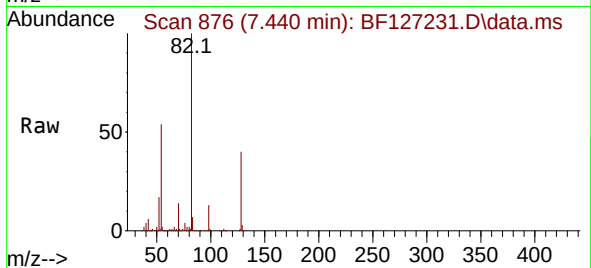




#19
n-Nitroso-di-n-propylamine
Concen: 14.059 ng
RT: 7.440 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

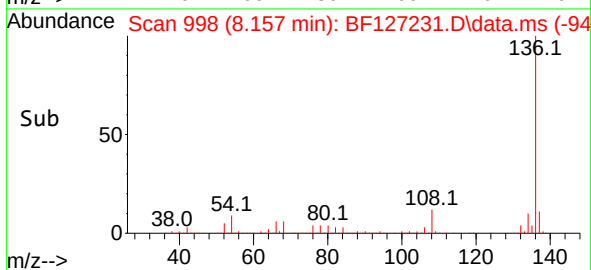
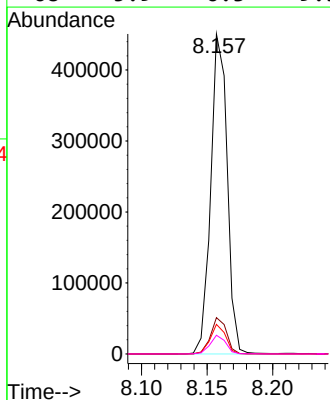
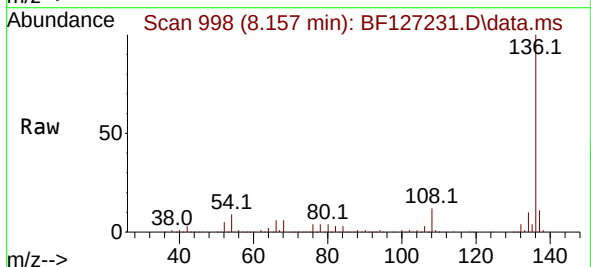
Instrument :
BNA_F
ClientSampleId :
20220214-096-21-02-ELUTRIATE

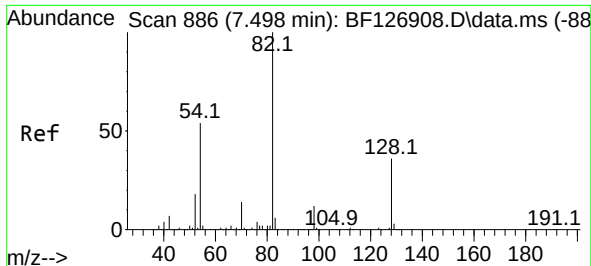
Tgt Ion:	70	Resp:	76611
Ion	Ratio	Lower	Upper
70	100		
42	42.9	45.8	68.8#
101	0.0	6.9	10.3#
130	2.0	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

Tgt Ion:	136	Resp:	394231
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.3	7.8	11.6
68	5.9	6.3	9.5#

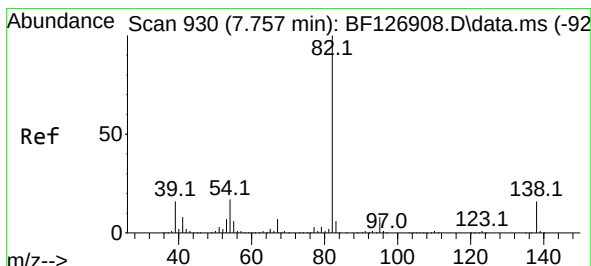
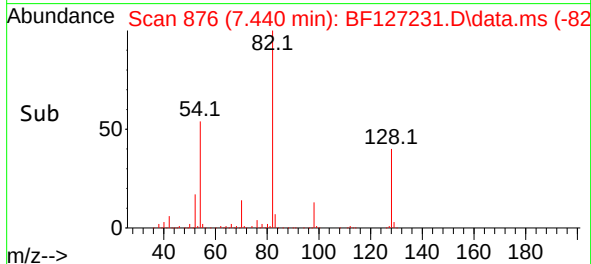
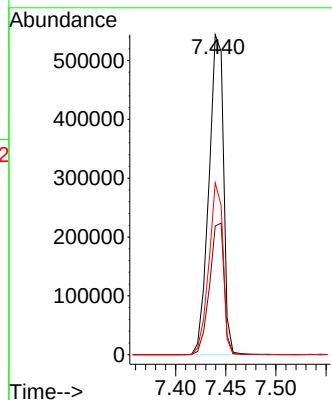
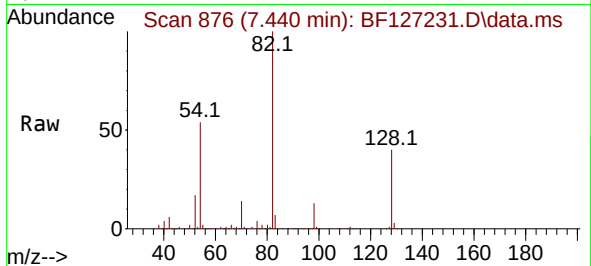




#23
Nitrobenzene-d5
Concen: 63.570 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

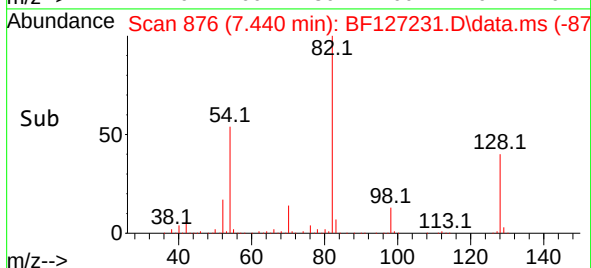
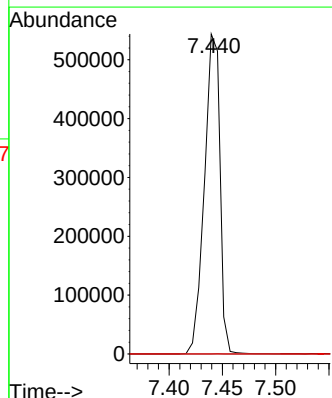
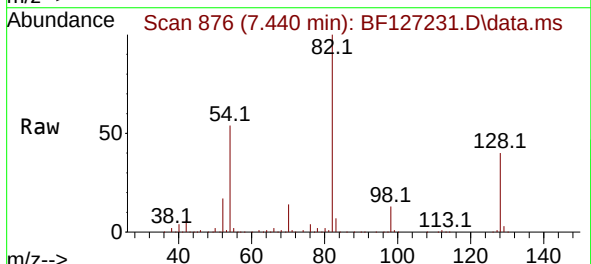
Instrument :
BNA_F
ClientSampleId :
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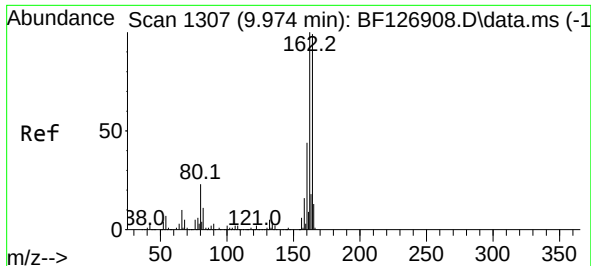
Tgt Ion: 82 Resp: 555224
Ion Ratio Lower Upper
82 100
128 40.2 32.7 49.1
54 53.7 41.7 62.5



#25
Isophorone
Concen: 38.416 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.265 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

Tgt Ion: 82 Resp: 555213
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

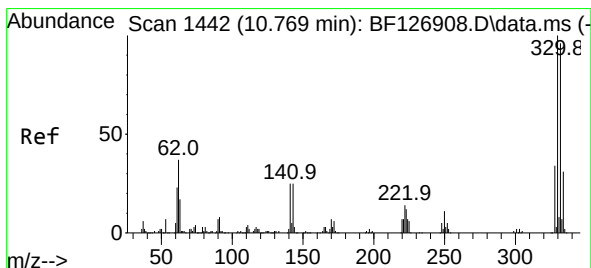
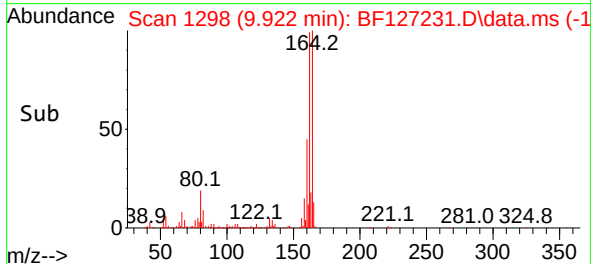
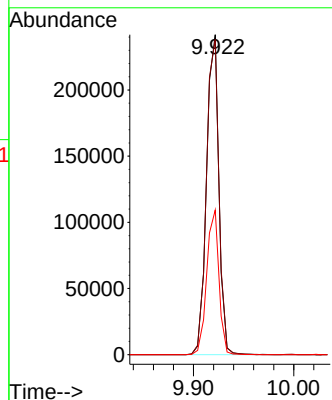
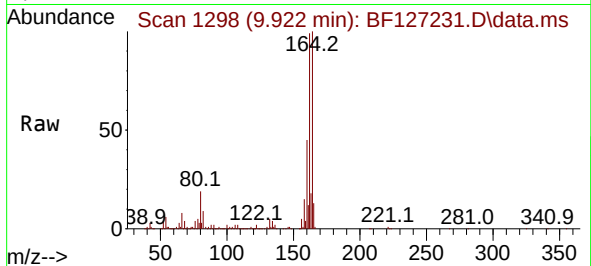




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

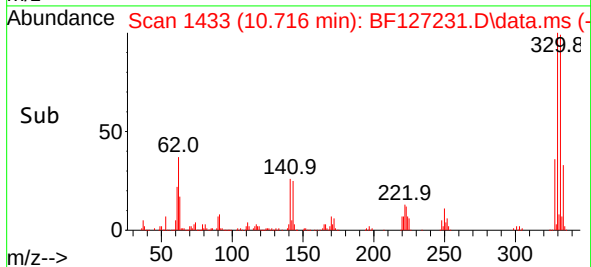
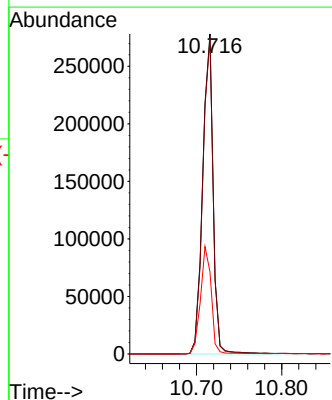
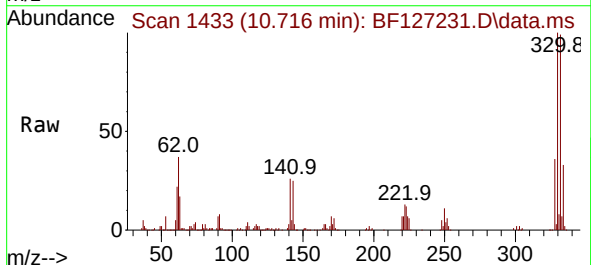
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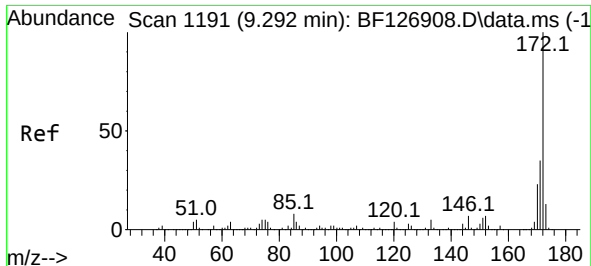
Tgt Ion:164 Resp: 207470
Ion Ratio Lower Upper
164 100
162 98.5 81.4 122.0
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 99.319 ng
RT: 10.716 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

Tgt Ion:330 Resp: 237247
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 34.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 65.928 ng

RT: 9.239 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127231.D

Acq: 07 Mar 2022 20:20

Instrument :

BNA_F

ClientSampleId :

20220214-096-21-02-ELUTRIATE

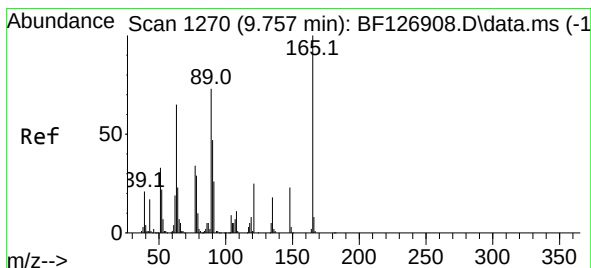
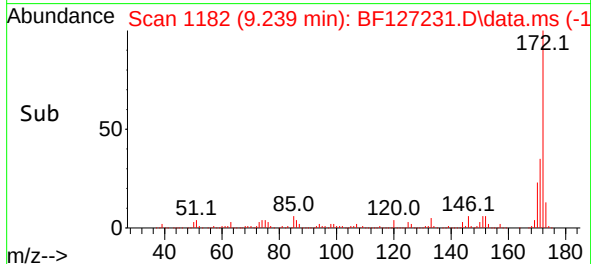
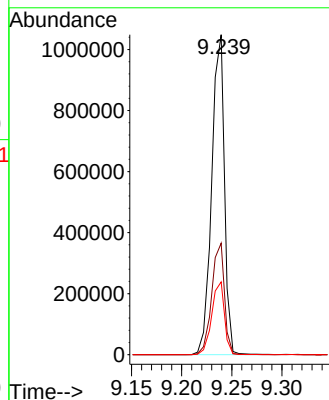
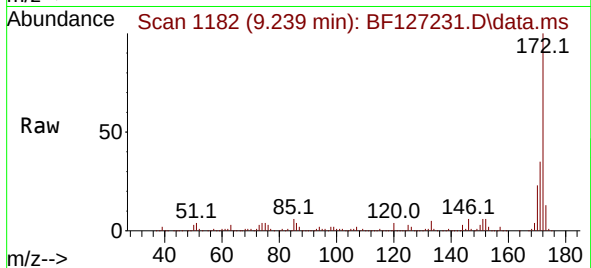
Tgt Ion:172 Resp: 929114

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 22.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.906 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.212 min

Lab File: BF127231.D

Acq: 07 Mar 2022 20:20

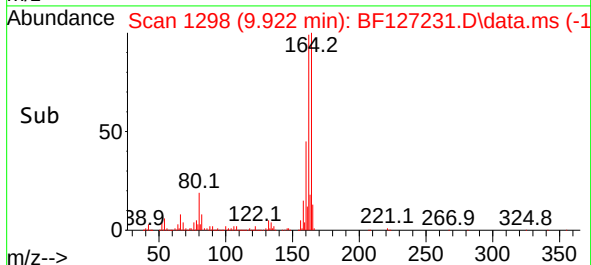
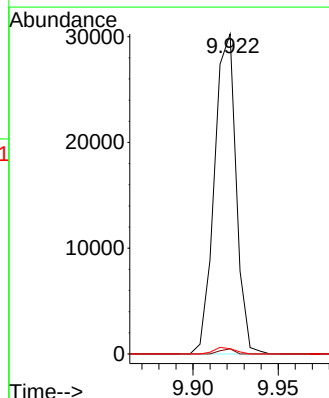
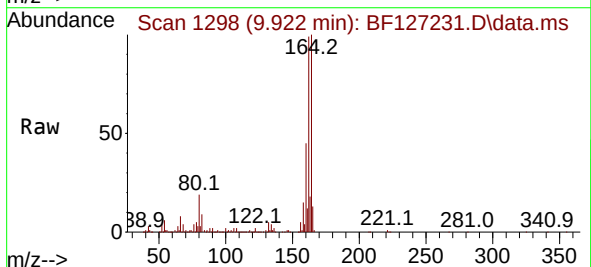
Tgt Ion:165 Resp: 26871

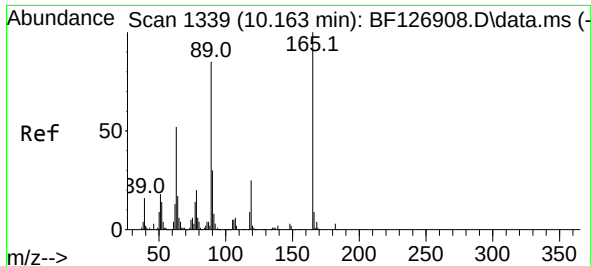
Ion Ratio Lower Upper

165 100

63 1.6 48.4 72.6#

89 1.7 50.5 75.7#

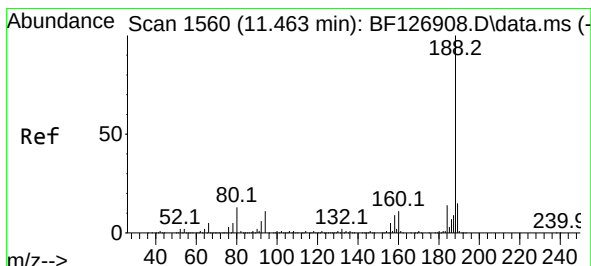
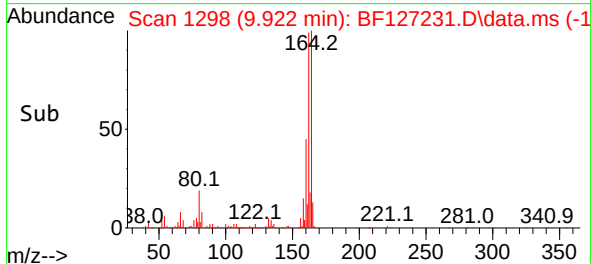
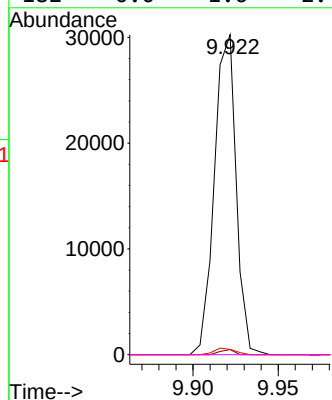
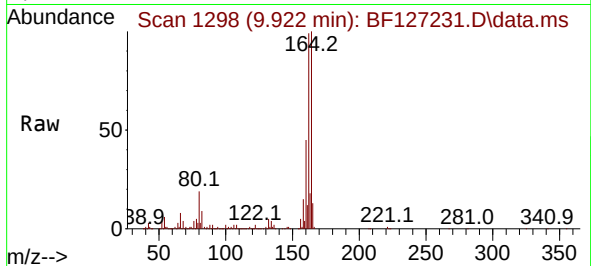




#57
2,4-Dinitrotoluene
Concen: 6.587 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

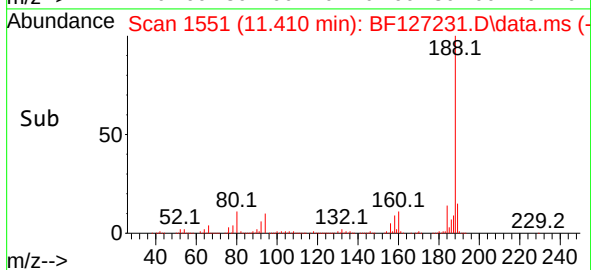
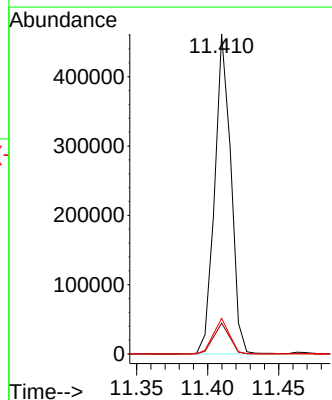
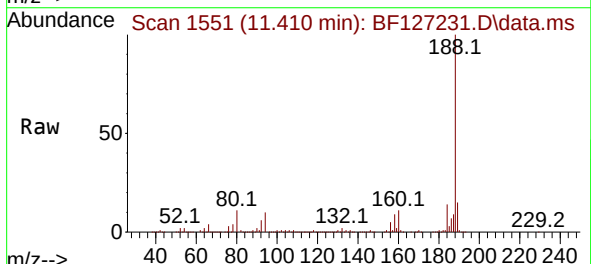
Instrument :
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20220214-096-21-02-ELUTRIATE

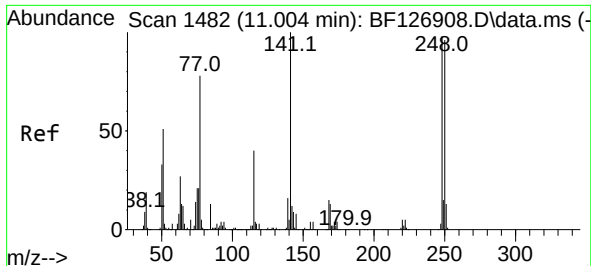
Tgt Ion:165 Resp: 26871
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

Tgt Ion:188 Resp: 365738
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 11.1 11.8 17.6#

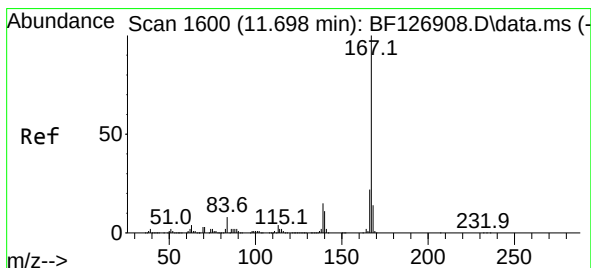
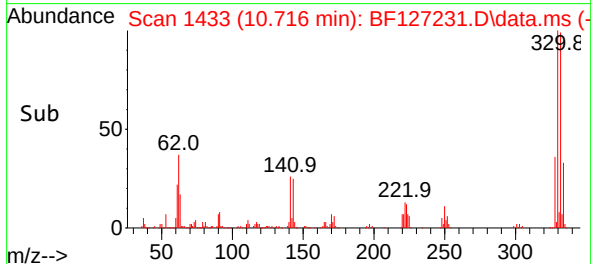
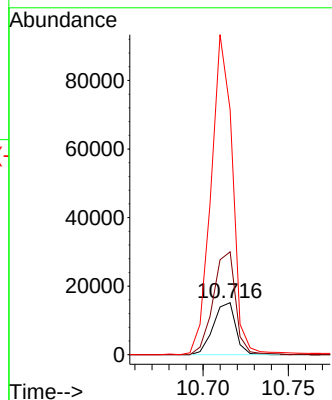
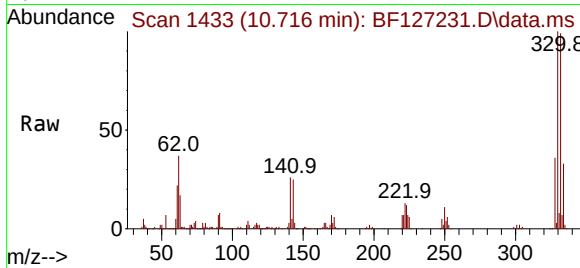




#67
4-Bromophenyl-phenylether
Concen: 3.390 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

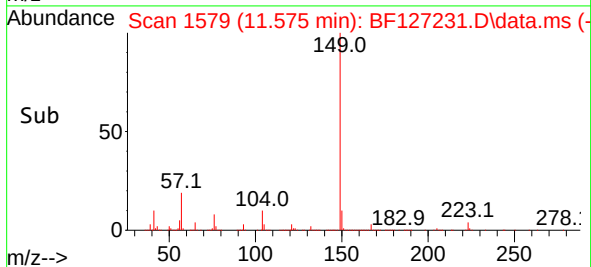
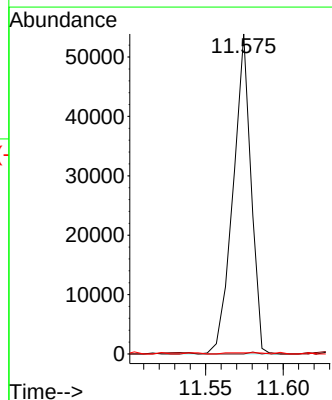
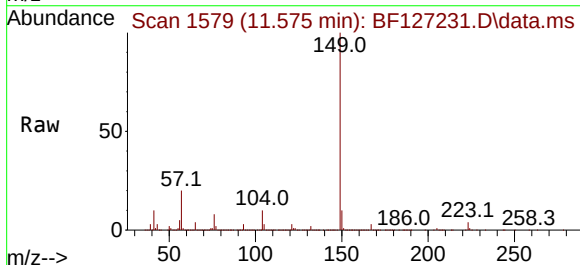
Instrument :
BNA_F
ClientSampleId :
20220214-096-21-02-ELUTRIATE

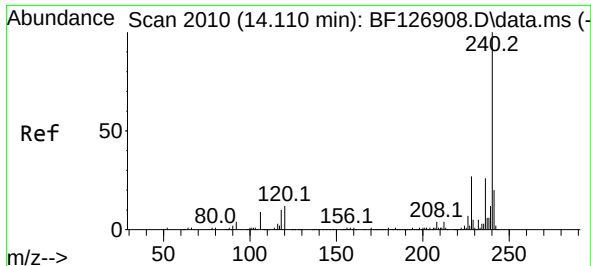
Tgt Ion:248 Resp: 13852
Ion Ratio Lower Upper
248 100
250 197.7 76.2 114.4#
141 470.7 66.2 99.4#



#73
Carbazole
Concen: 2.316 ng
RT: 11.575 min Scan# 1579
Delta R.T. -0.076 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

Tgt Ion:167 Resp: 43275
Ion Ratio Lower Upper
167 100
166 0.0 16.9 25.3#
139 0.4 11.3 16.9#

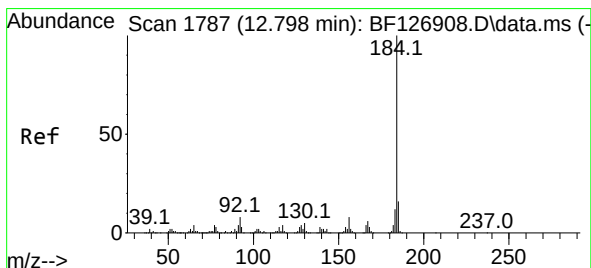
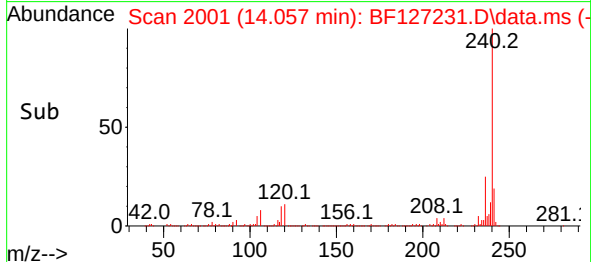
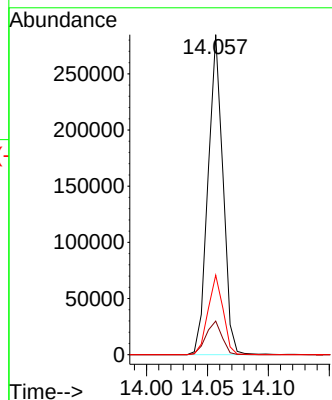
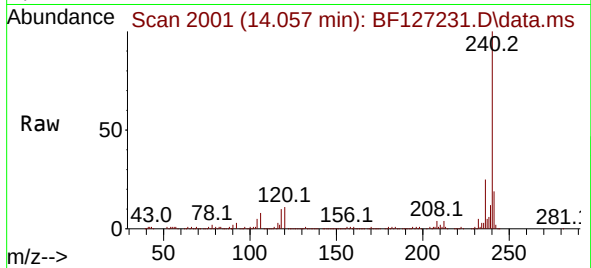




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

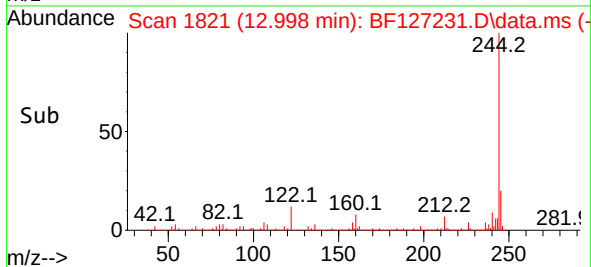
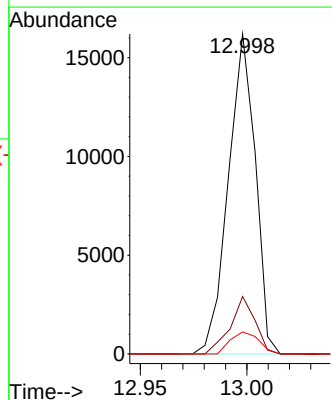
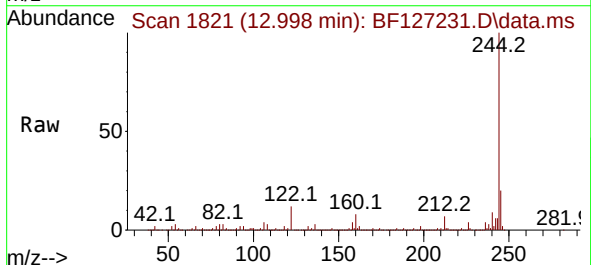
Instrument :
BNA_F
ClientSampleId :
20220214-096-21-02-ELUTRIATE

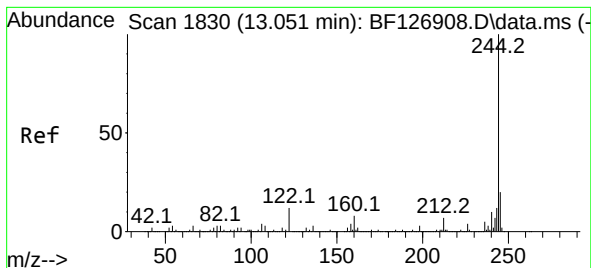
Tgt Ion:240 Resp: 241531
Ion Ratio Lower Upper
240 100
120 10.5 14.4 21.6#
236 24.9 20.5 30.7



#77
Benidine
Concen: 2.180 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.247 min
Lab File: BF127231.D
Acq: 07 Mar 2022 20:20

Tgt Ion:184 Resp: 14306
Ion Ratio Lower Upper
184 100
185 17.9 11.8 17.8#
183 6.9 8.2 12.2#





#79

Terphenyl-d14

Concen: 60.035 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127231.D

Acq: 07 Mar 2022 20:20

Instrument :

BNA_F

ClientSampleId :

20220214-096-21-02-ELUTRIATE

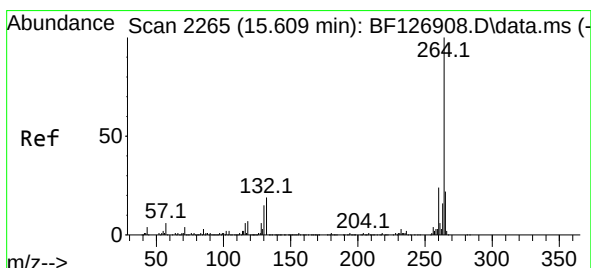
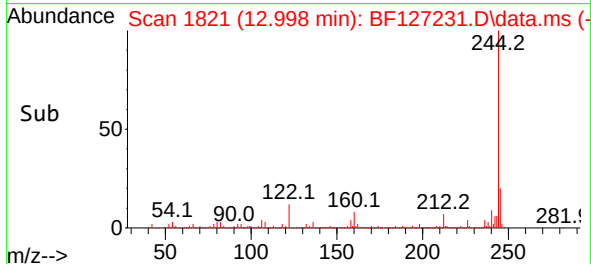
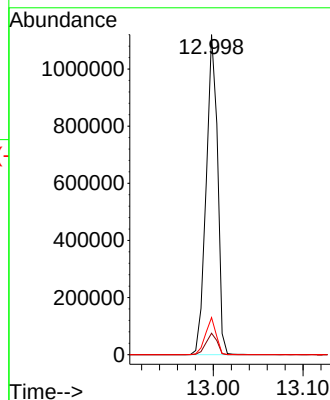
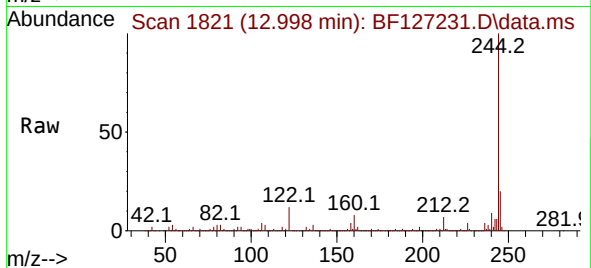
Tgt Ion:244 Resp: 986385

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 11.6 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF127231.D

Acq: 07 Mar 2022 20:20

Tgt Ion:264 Resp: 187283

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.6 17.4 26.2

