

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127922.D
 Acq On : 26 Apr 2022 19:43
 Operator : CG\JU
 Sample : N2551-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220378-098-21-01-ELUTRIATE

Quant Time: Apr 27 01:48:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

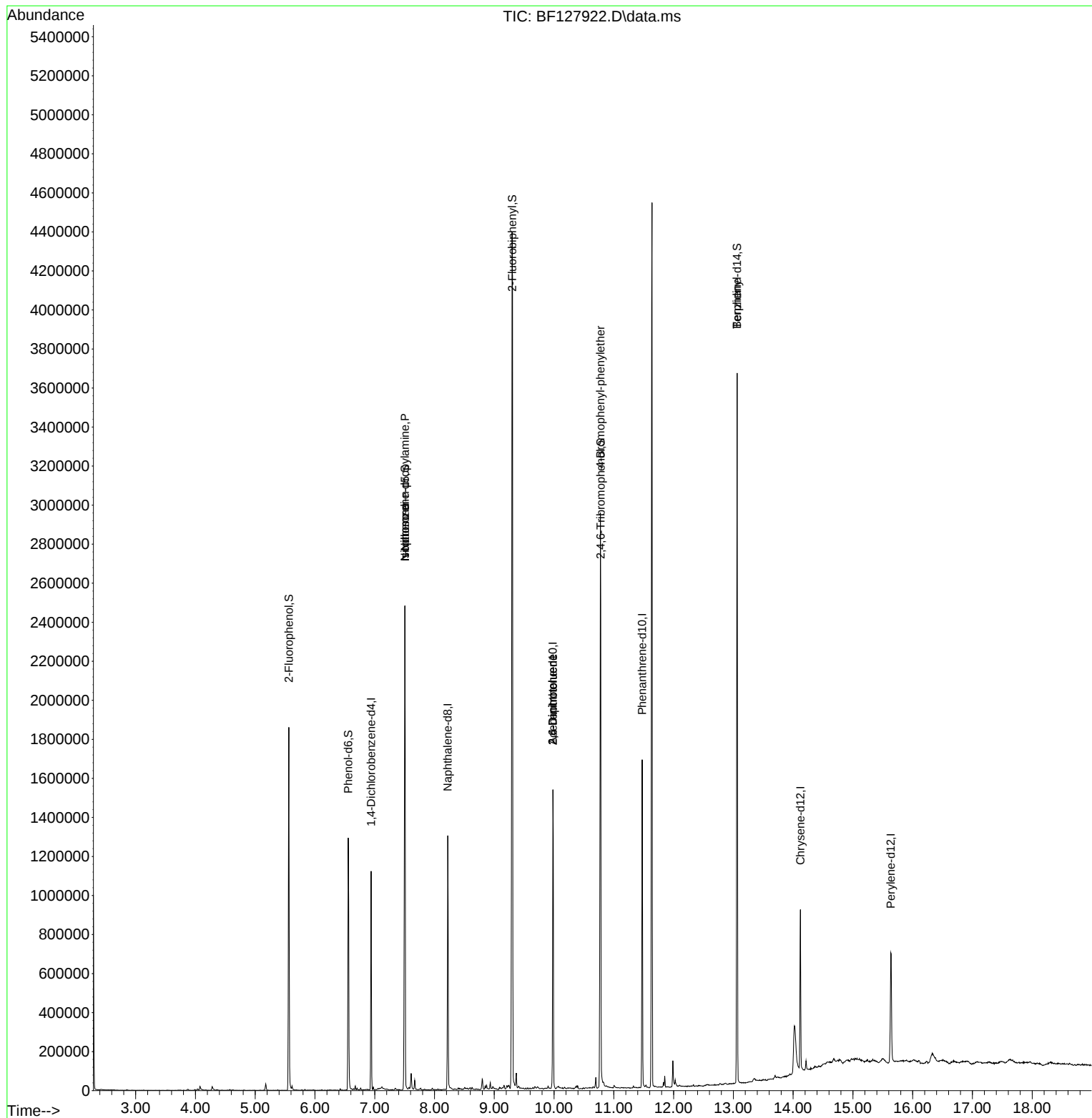
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	140188	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	564938	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	326865	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	572191	20.000	ng	0.00
76) Chrysene-d12	14.121	240	289460	20.000	ng	0.00
86) Perylene-d12	15.633	264	290814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	450756	51.214	ng	0.00
7) Phenol-d6	6.557	99	415692	36.399	ng	-0.01
23) Nitrobenzene-d5	7.504	82	928642	77.298	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	375608	114.151	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1553388	80.398	ng	0.00
79) Terphenyl-d14	13.063	244	1195911	75.547	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	124071	17.747	ng	# 81
25) Isophorone	7.504	82	928623	45.926	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	42263	8.905	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	42263	6.722	ng	# 25
67) 4-Bromophenyl-phenylether	10.775	248	23333	3.679	ng	# 1
77) Benzidine	13.063	184	16567	3.025	ng	# 93

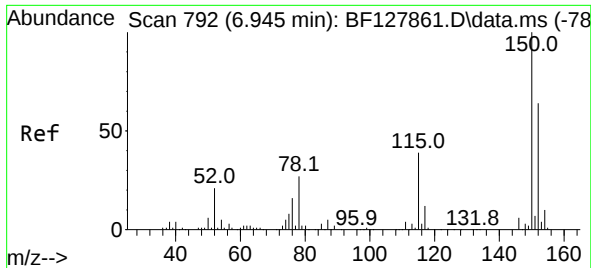
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
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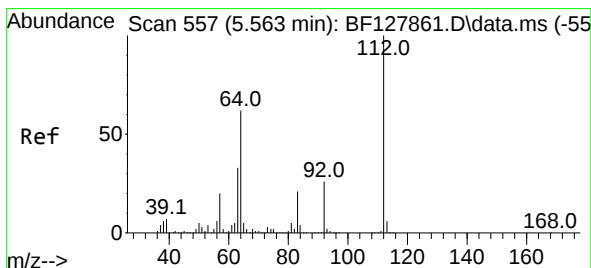
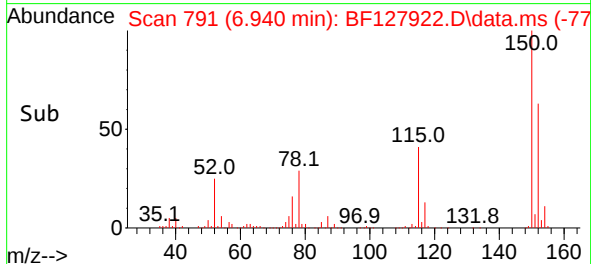
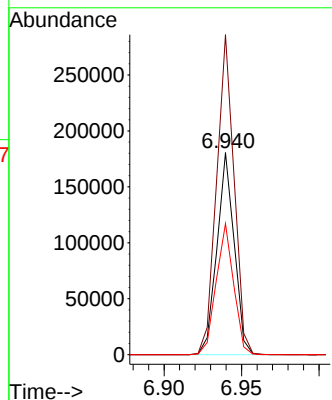
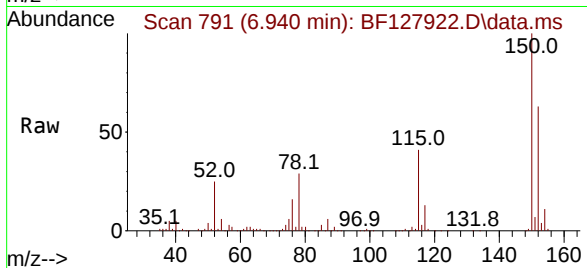




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 792
Delta R.T. -0.005 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

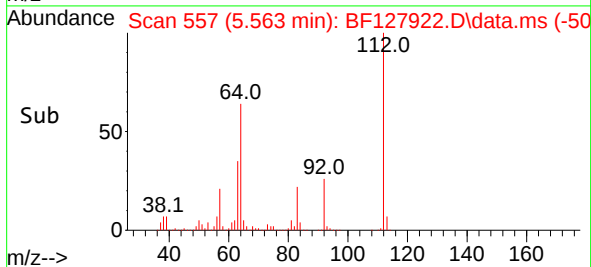
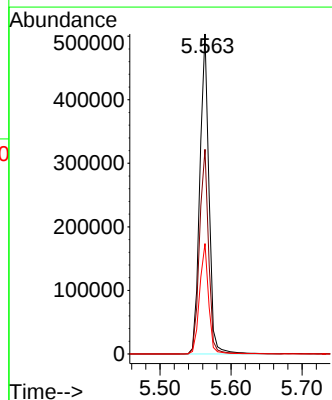
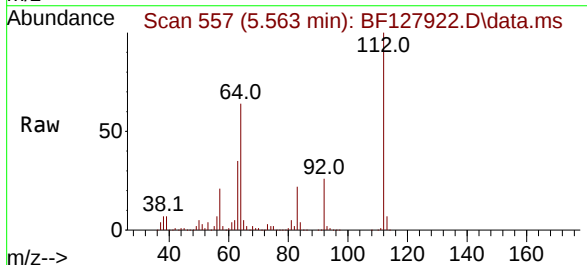
Instrument :
BNA_F
ClientSampleId :
20220378-098-21-01-ELUTRIATE

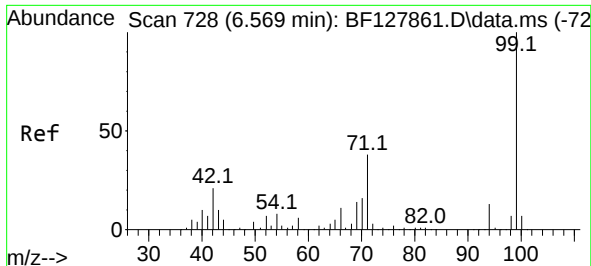
Tgt Ion:152 Resp: 140188
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 64.9 48.8 73.2



#5
2-Fluorophenol
Concen: 51.214 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

Tgt Ion:112 Resp: 450756
Ion Ratio Lower Upper
112 100
64 63.9 49.5 74.3
63 34.5 26.3 39.5

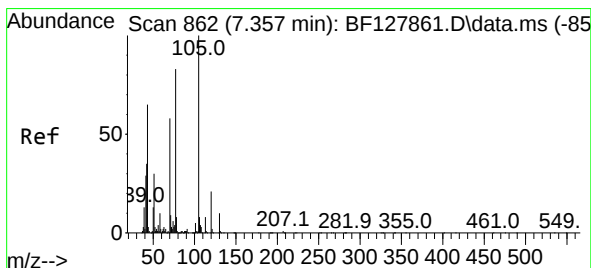
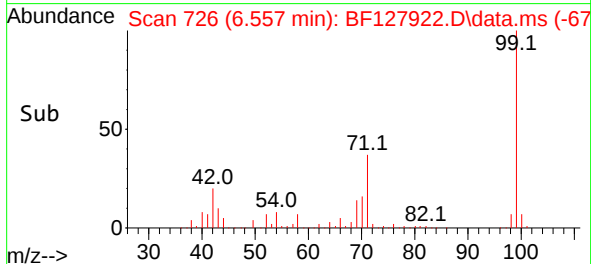
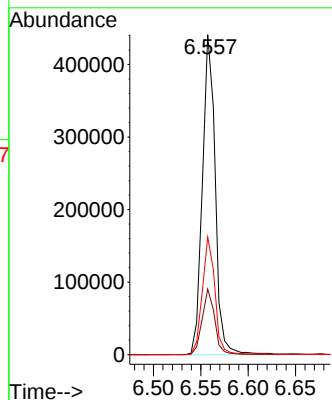
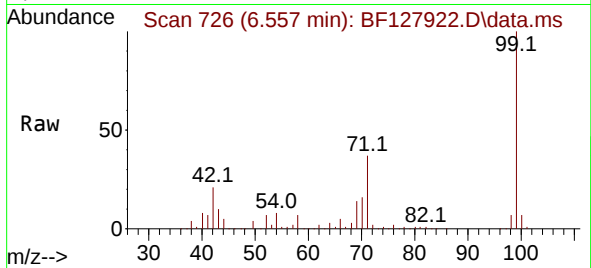




#7
Phenol-d6
Concen: 36.399 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

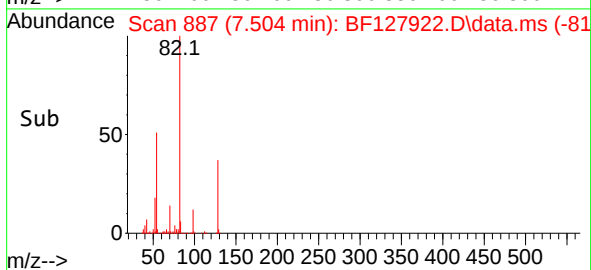
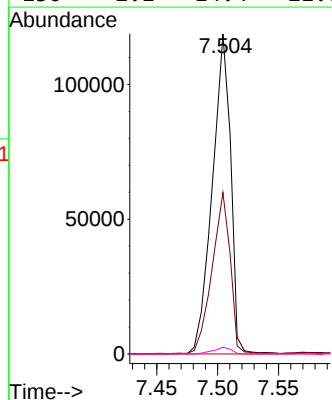
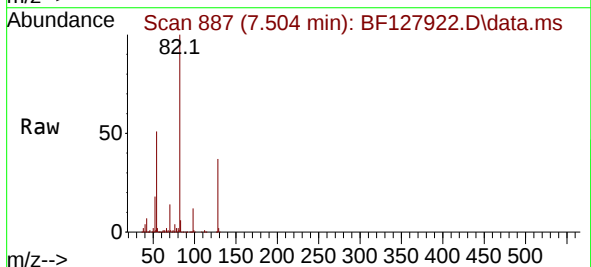
Instrument :
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ClientSampleId :
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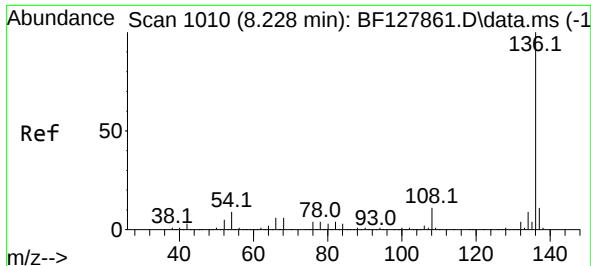
Tgt Ion: 99 Resp: 415692
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 36.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.747 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

Tgt Ion: 70 Resp: 124071
Ion Ratio Lower Upper
70 100
42 50.4 48.7 73.1
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#

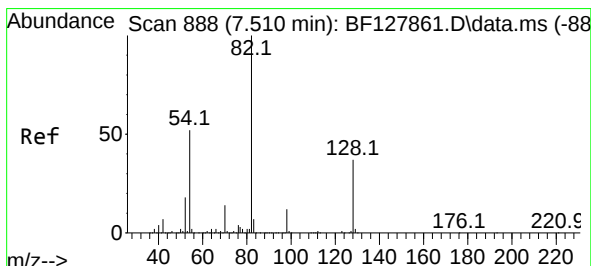
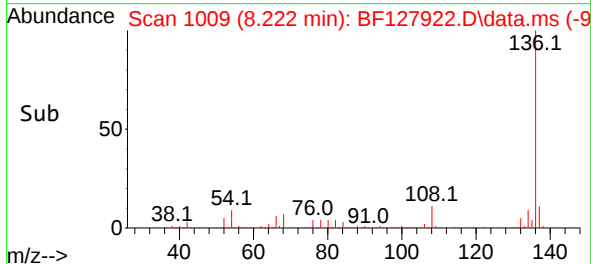
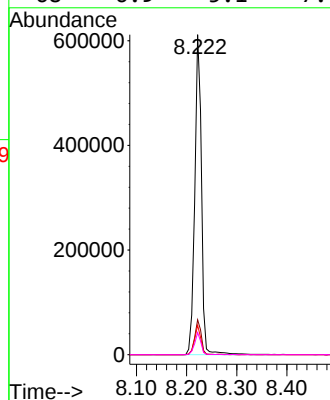
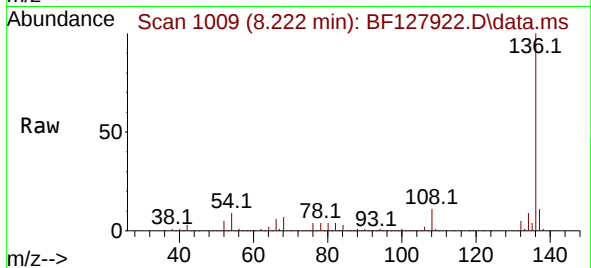




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

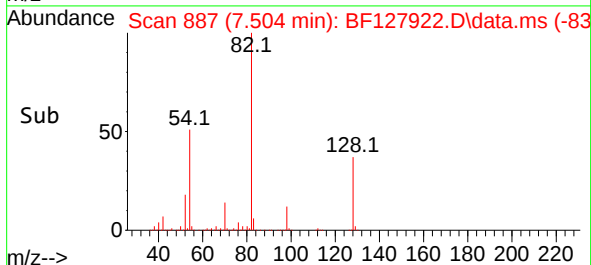
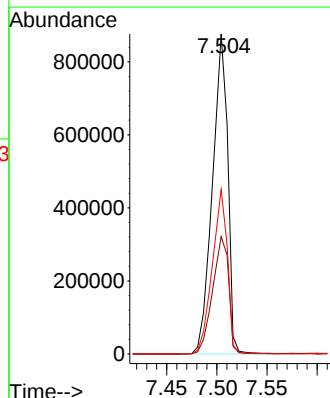
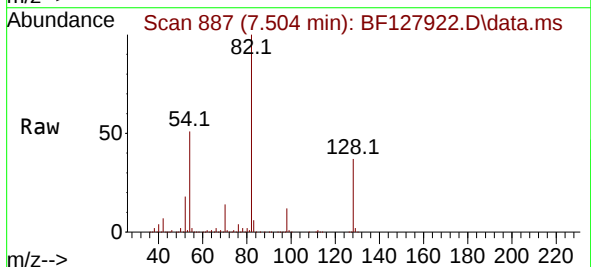
Instrument :
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ClientSampleId :
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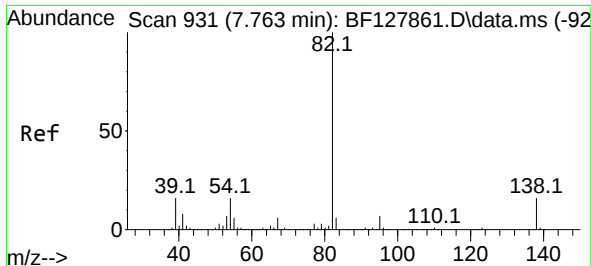
Tgt Ion:136	Resp: 564938
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 9.2	6.8 10.2
68 6.9	5.1 7.7



#23
Nitrobenzene-d5
Concen: 77.298 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

Tgt Ion: 82	Resp: 928642
Ion Ratio	Lower Upper
82 100	
128 36.7	30.0 45.0
54 51.4	41.3 61.9

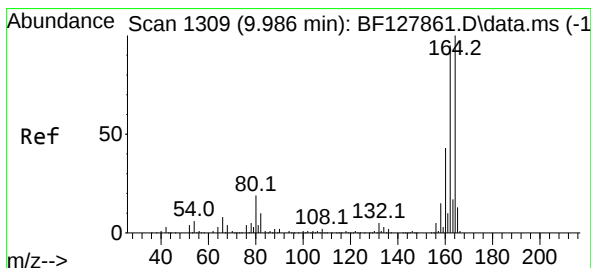
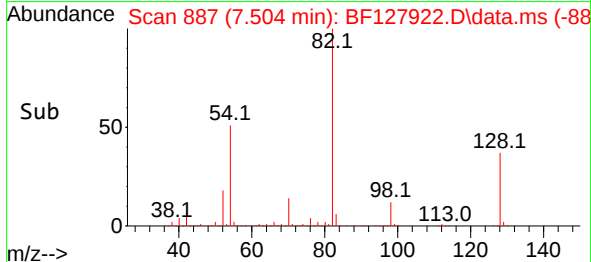
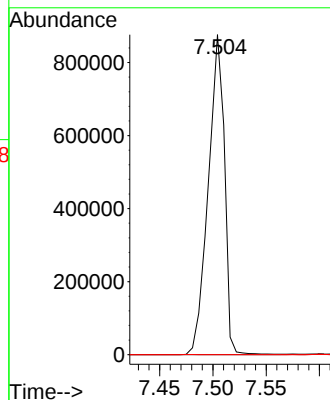
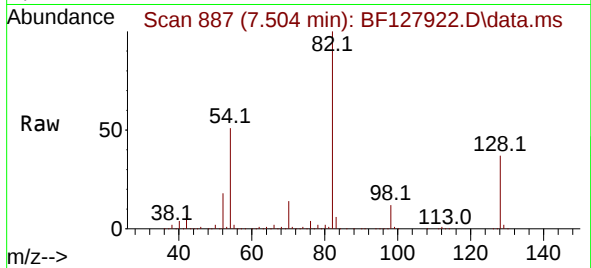




#25
Isophorone
Concen: 45.926 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

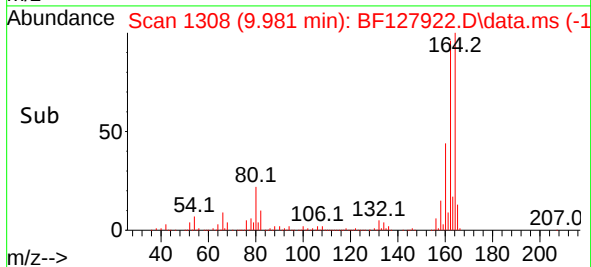
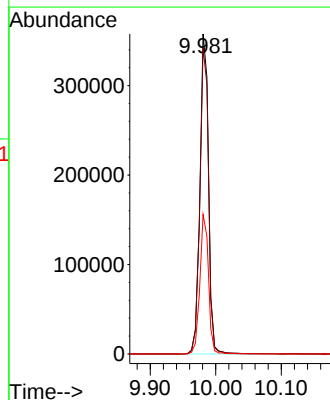
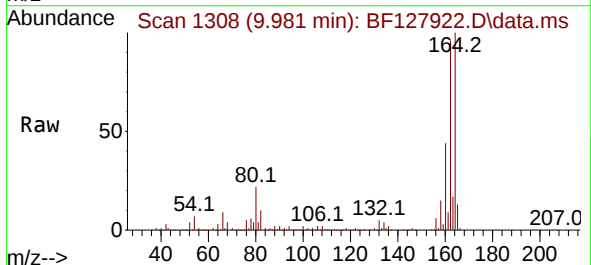
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ClientSampleId :
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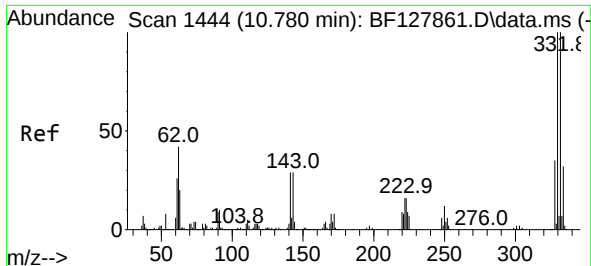
Tgt Ion: 82 Resp: 928623
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

Tgt Ion:164 Resp: 326865
Ion Ratio Lower Upper
164 100
162 95.6 76.0 114.0
160 43.6 34.8 52.2

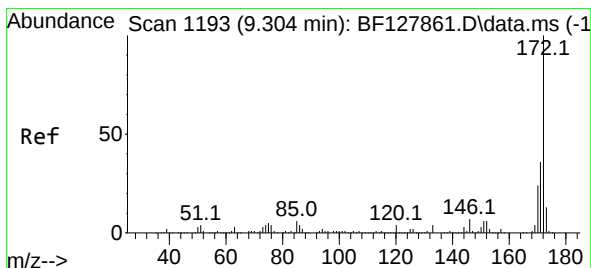
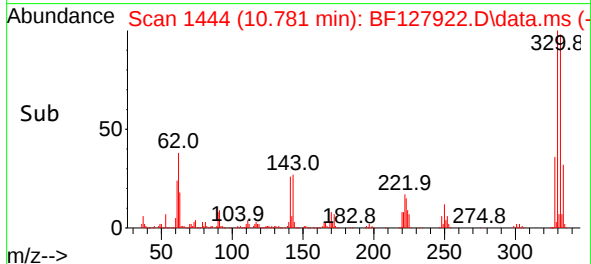
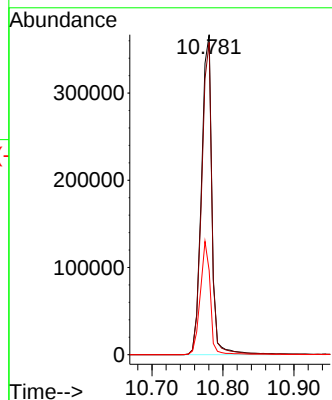
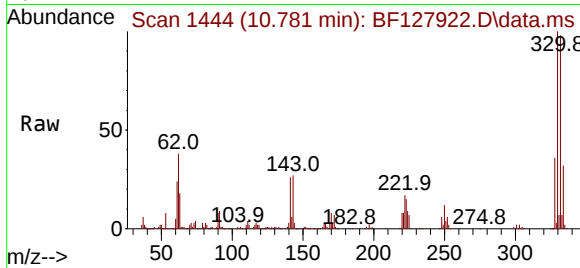




#42
2,4,6-Tribromophenol
Concen: 114.151 ng
RT: 10.781 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

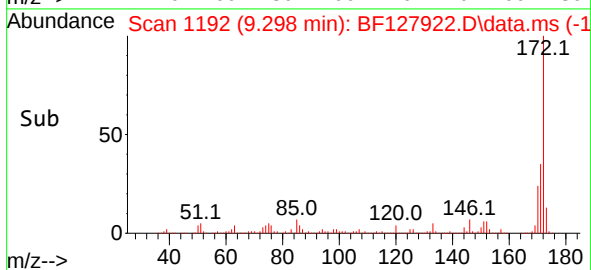
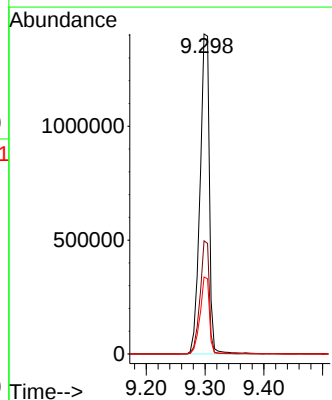
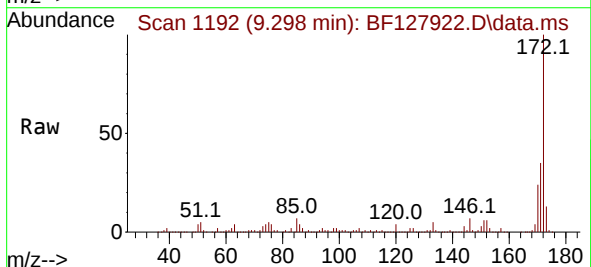
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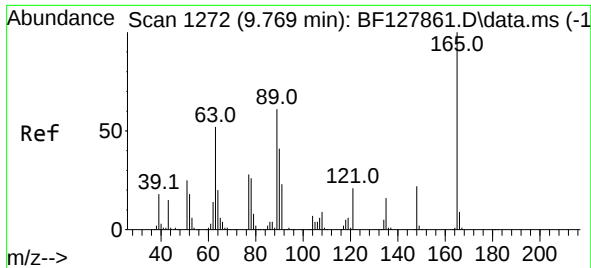
Tgt Ion:330 Resp: 375608
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 34.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 80.398 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

Tgt Ion:172 Resp: 1553388
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 24.0 19.1 28.7

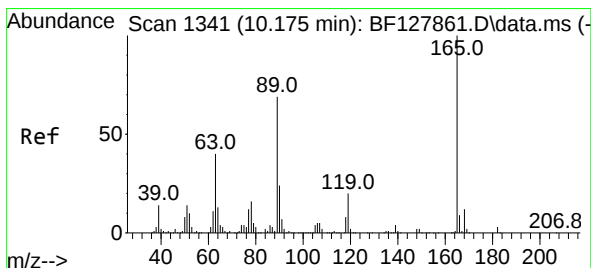
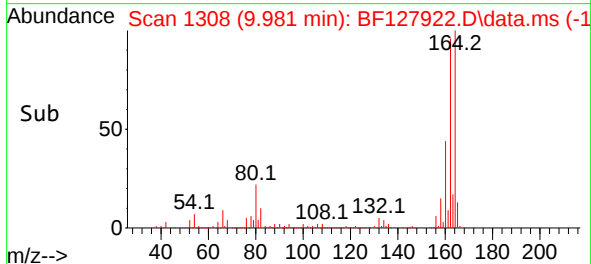
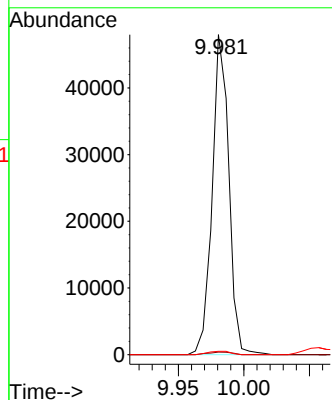
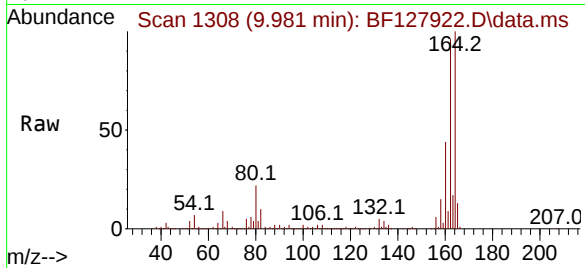




#51
2,6-Dinitrotoluene
Concen: 8.905 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.212 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

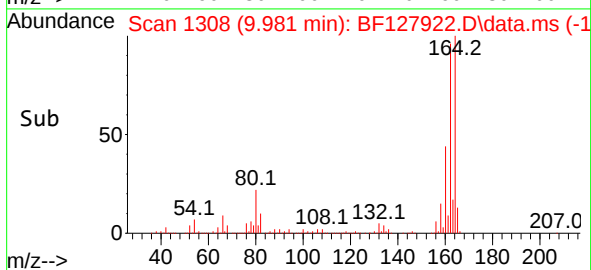
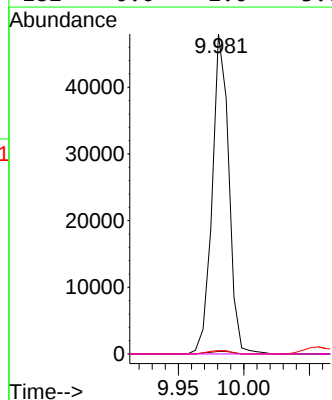
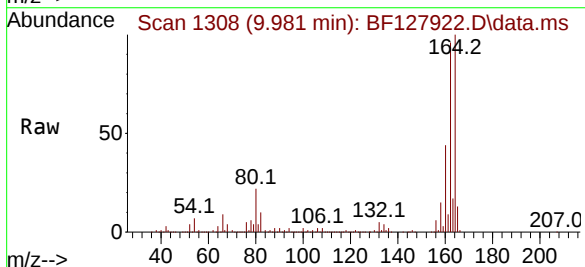
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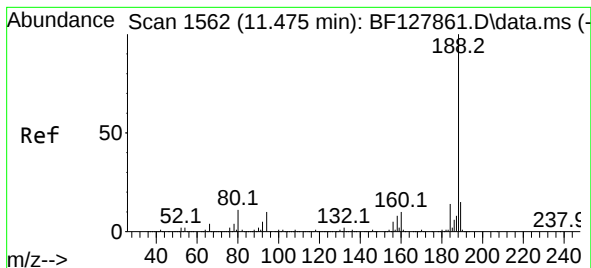
Tgt Ion:165 Resp: 42263
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.722 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127922.D
Acq: 26 Apr 2022 19:43

Tgt Ion:165 Resp: 42263
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127922.D

Acq: 26 Apr 2022 19:43

Instrument :

BNA_F

ClientSampleId :

20220378-098-21-01-ELUTRIATE

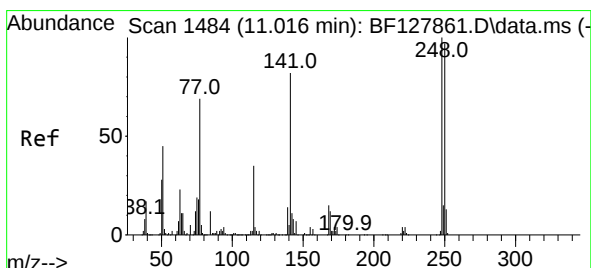
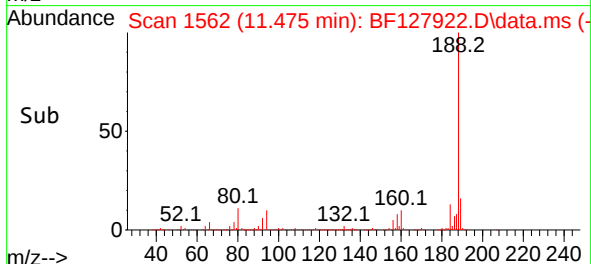
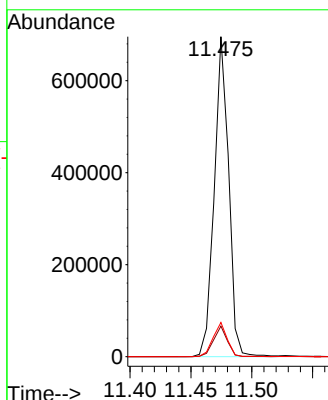
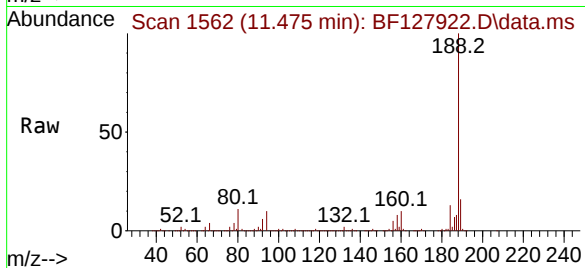
Tgt Ion:188 Resp: 572191

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

80 10.7 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.679 ng

RT: 10.775 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF127922.D

Acq: 26 Apr 2022 19:43

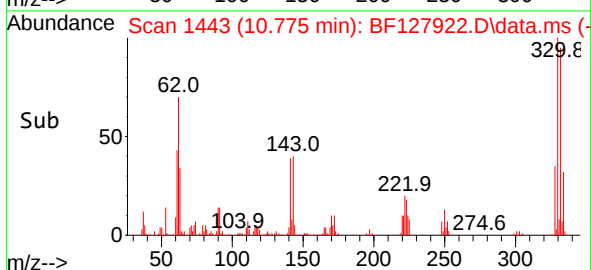
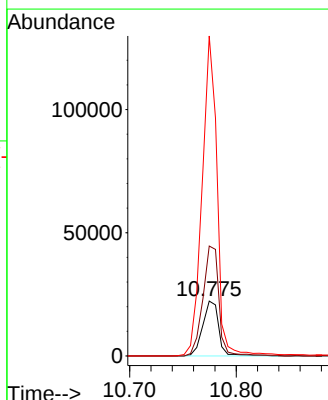
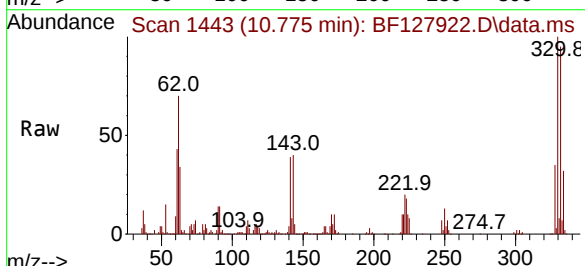
Tgt Ion:248 Resp: 23333

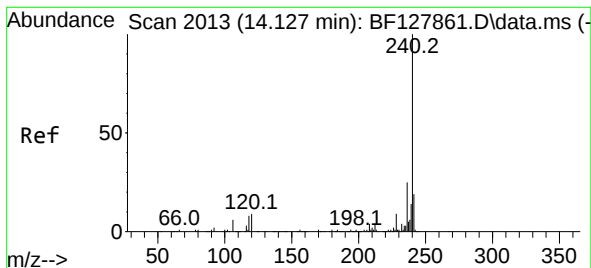
Ion Ratio Lower Upper

248 100

250 200.4 77.7 116.5#

141 583.0 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127922.D

Acq: 26 Apr 2022 19:43

Instrument :

BNA_F

ClientSampleId :

20220378-098-21-01-ELUTRIATE

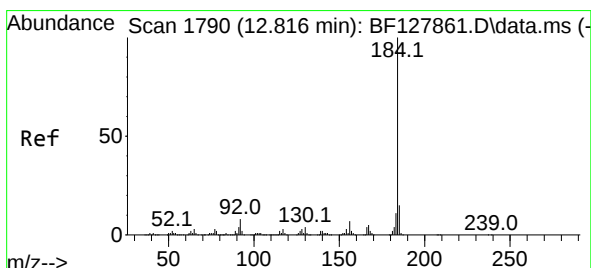
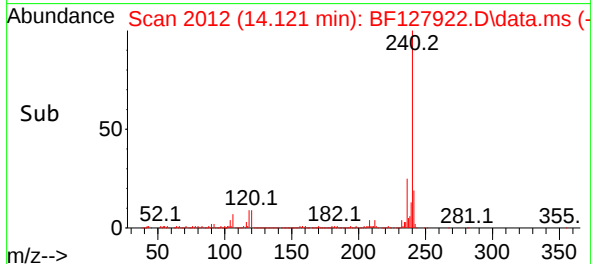
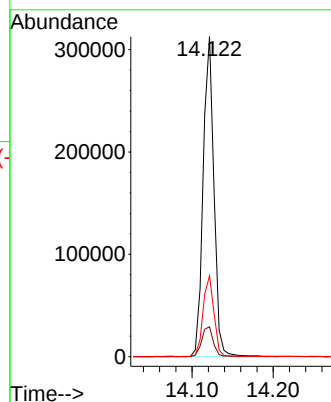
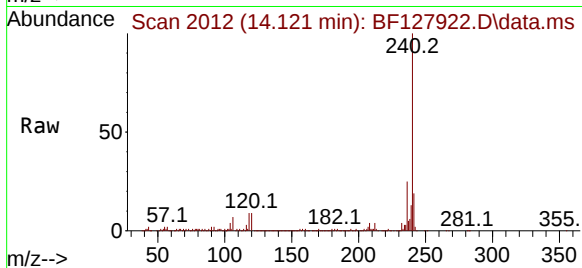
Tgt Ion:240 Resp: 289460

Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.6

236 25.2 20.3 30.5



#77

Benidine

Concen: 3.025 ng

RT: 13.063 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF127922.D

Acq: 26 Apr 2022 19:43

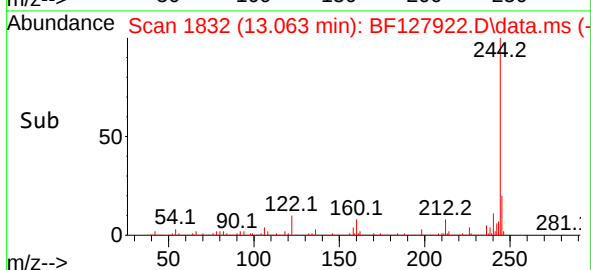
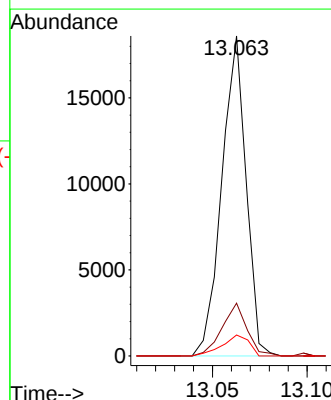
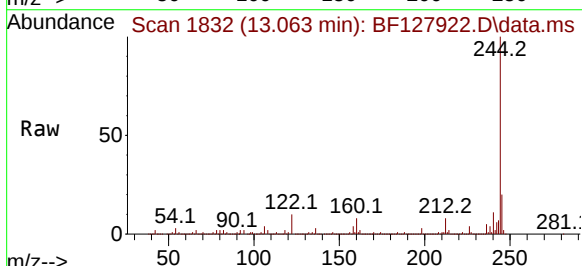
Tgt Ion:184 Resp: 16567

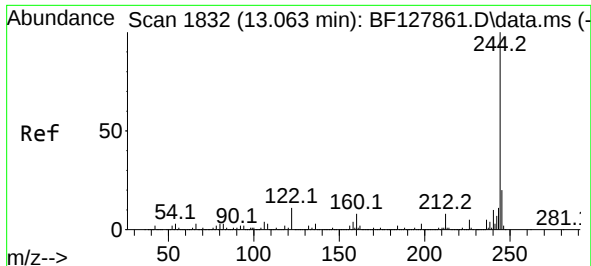
Ion Ratio Lower Upper

184 100

185 16.5 12.1 18.1

183 6.5 9.0 13.4#

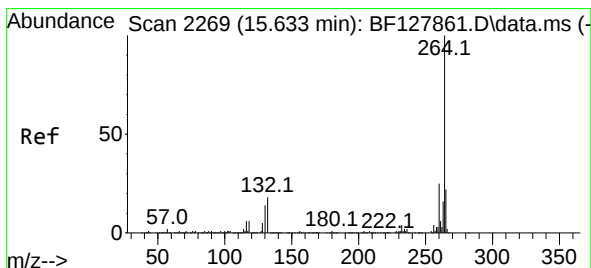
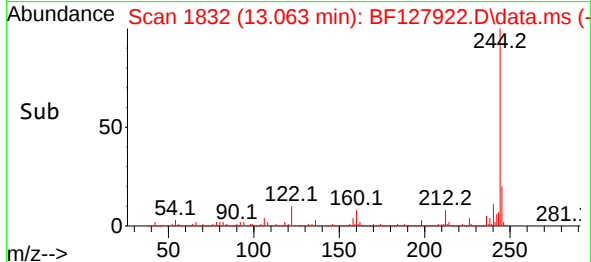
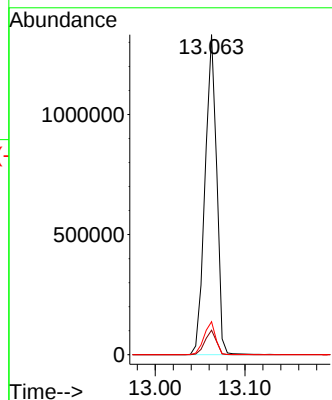
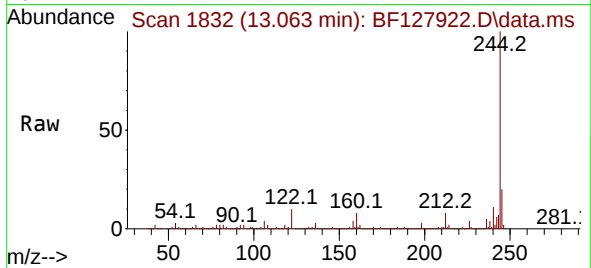




#79
 Terphenyl-d14
 Concen: 75.547 ng
 RT: 13.063 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF127922.D
 Acq: 26 Apr 2022 19:43

Instrument :
 BNA_F
 ClientSampleId :
 20220378-098-21-01-ELUTRIATE

Tgt Ion:244 Resp: 1195911
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF127922.D
 Acq: 26 Apr 2022 19:43

Tgt Ion:264 Resp: 290814
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 21.9 17.5 26.3

