

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127921.D
 Acq On : 26 Apr 2022 19:15
 Operator : CG\JU
 Sample : N2551-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220375-096-21-01-ELUTRIATE

Quant Time: Apr 27 01:48:32 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)

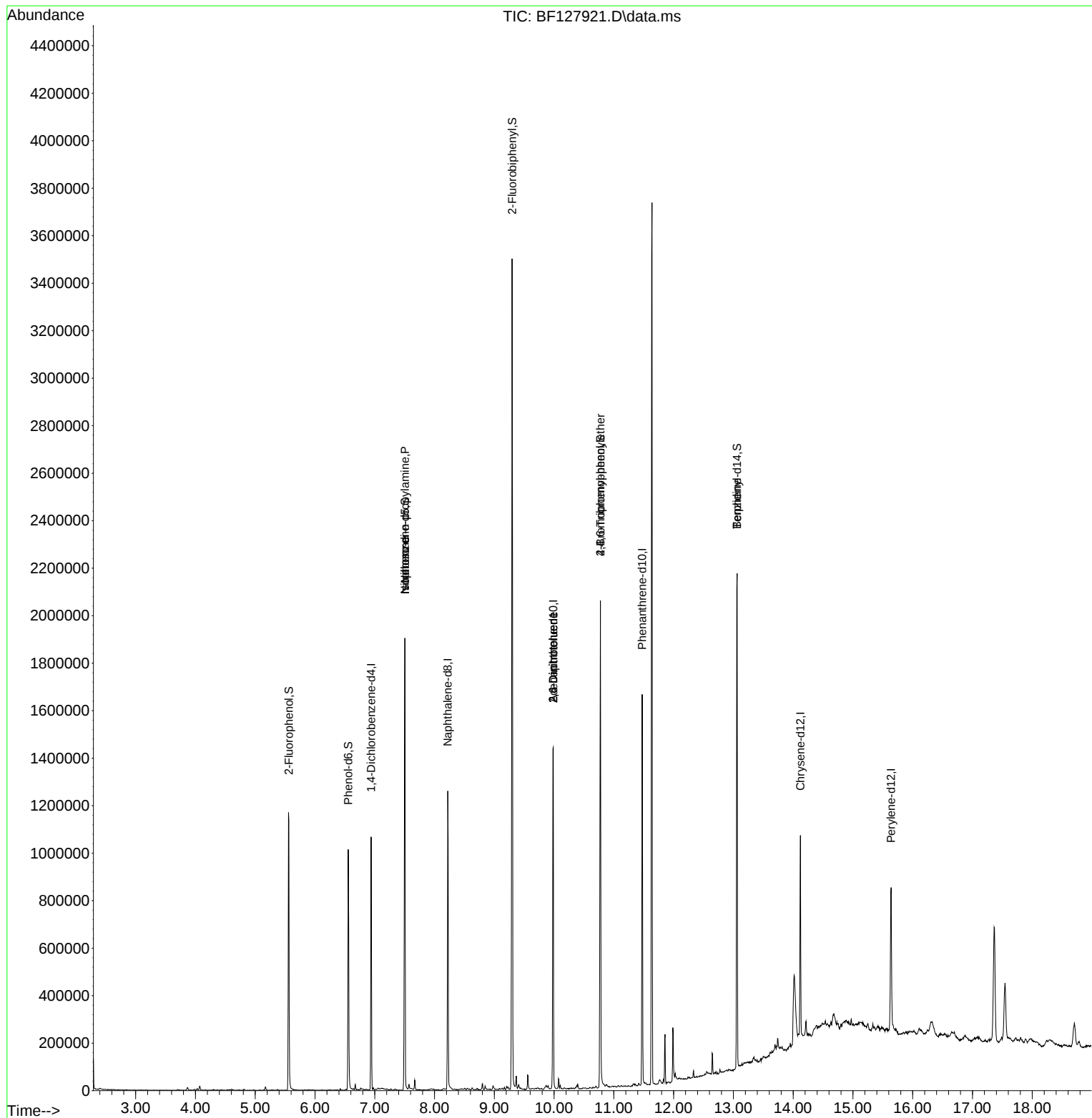
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	142054	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	564467	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	327711	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	564148	20.000	ng	0.00
76) Chrysene-d12	14.121	240	287692	20.000	ng	0.00
86) Perylene-d12	15.639	264	299375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	321987	36.103	ng	0.00
7) Phenol-d6	6.557	99	317128	27.404	ng	-0.01
23) Nitrobenzene-d5	7.504	82	633559	52.780	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	235364	71.345	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1068231	55.145	ng	0.00
79) Terphenyl-d14	13.063	244	745420	47.379	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	85747	12.104	ng	# 79
25) Isophorone	7.504	82	633552	31.359	ng	# 68
51) 2,6-Dinitrotoluene	9.986	165	42579	8.948	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	42579	6.755	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	14736	2.356	ng	# 1
77) Benzidine	13.063	184	11114	2.042	ng	# 94

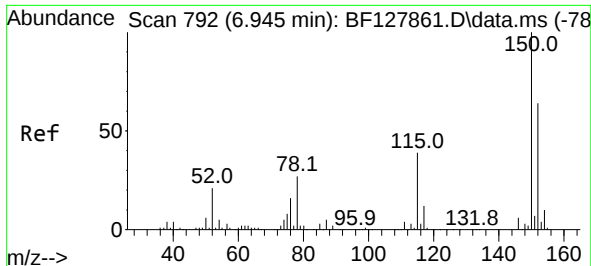
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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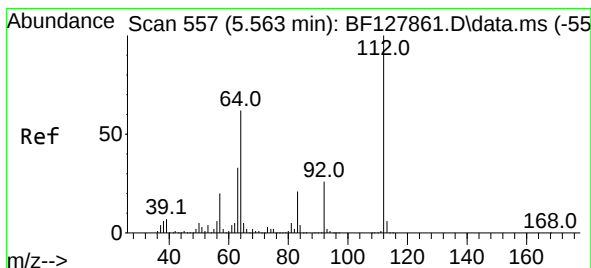
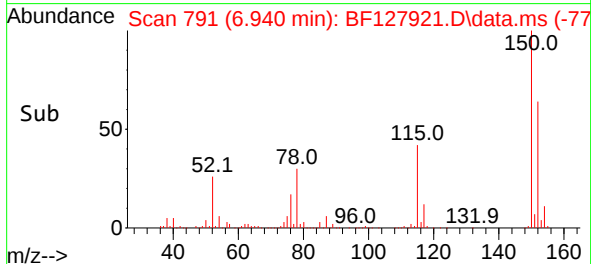
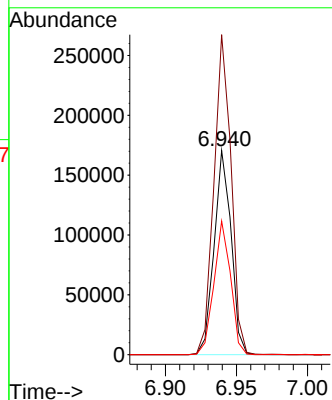
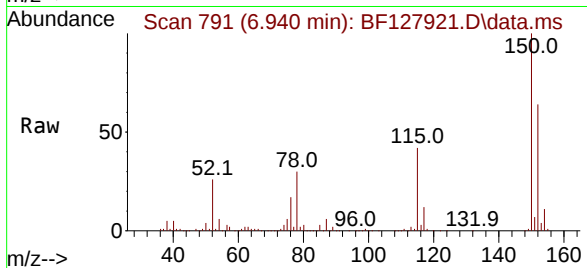




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 792
Delta R.T. -0.005 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

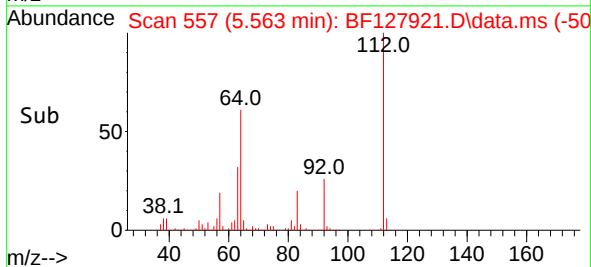
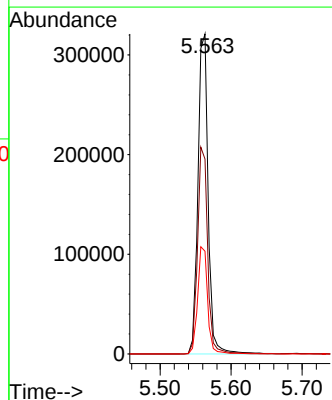
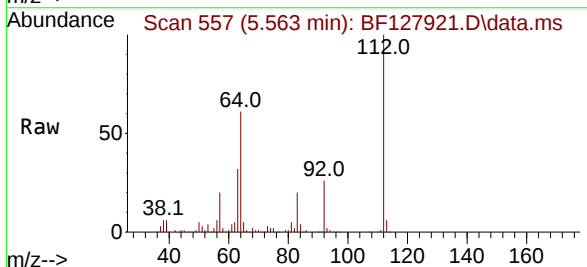
Instrument :
BNA_F
ClientSampleId :
20220375-096-21-01-ELUTRIATE

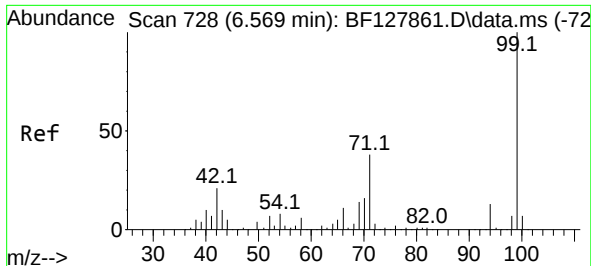
Tgt Ion:152 Resp: 142054
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 65.4 48.8 73.2



#5
2-Fluorophenol
Concen: 36.103 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

Tgt Ion:112 Resp: 321987
Ion Ratio Lower Upper
112 100
64 60.9 49.5 74.3
63 32.1 26.3 39.5

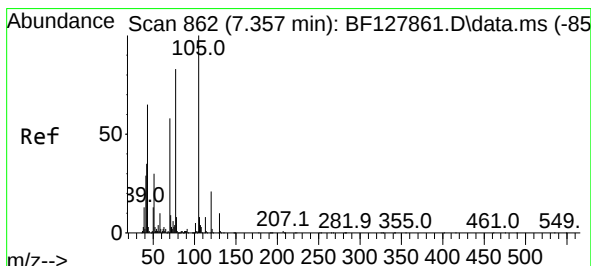
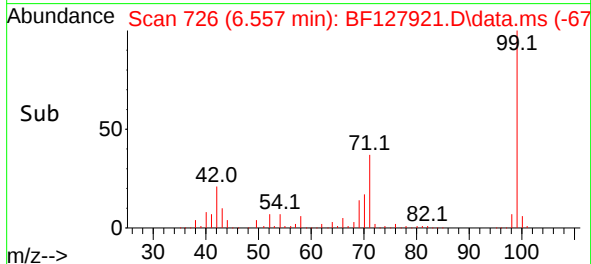
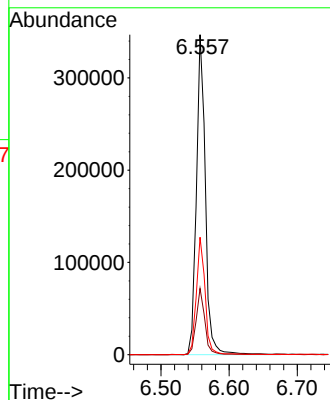
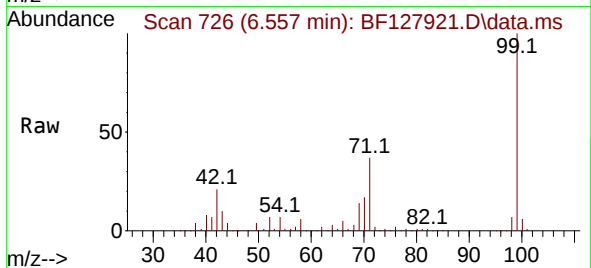




#7
Phenol-d6
Concen: 27.404 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

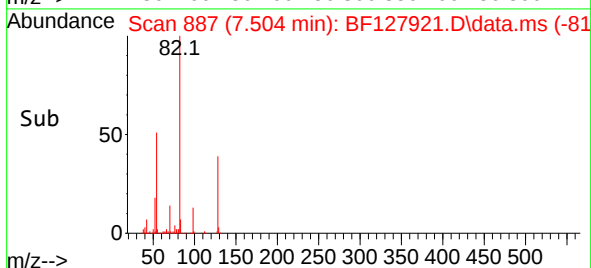
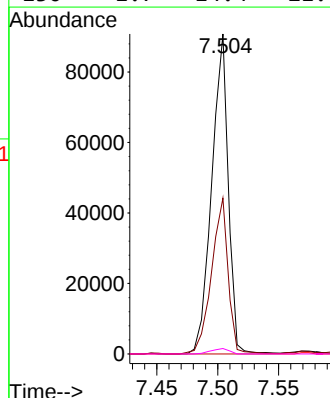
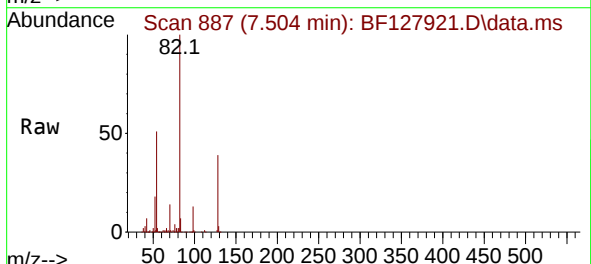
Instrument :
BNA_F
ClientSampleId :
20220375-096-21-01-ELUTRIATE

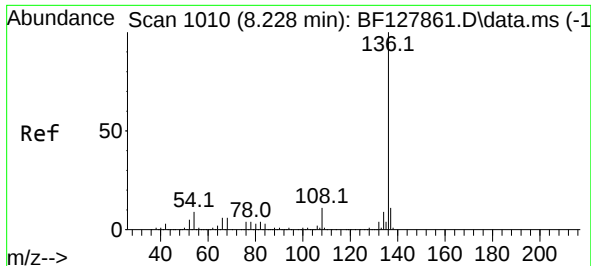
Tgt Ion: 99 Resp: 317128
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 36.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.104 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

Tgt Ion: 70 Resp: 85747
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

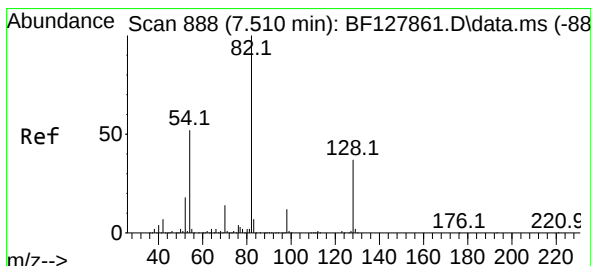
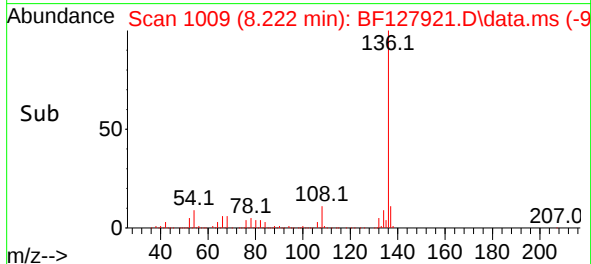
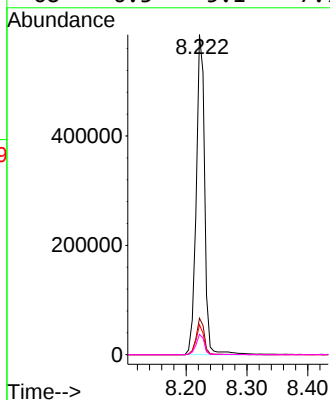
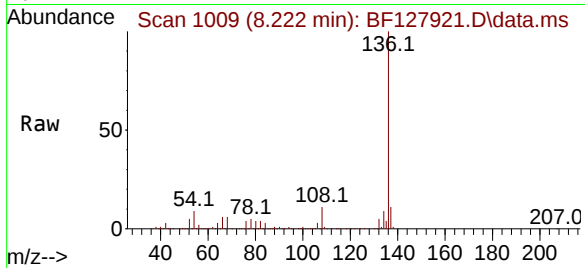




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

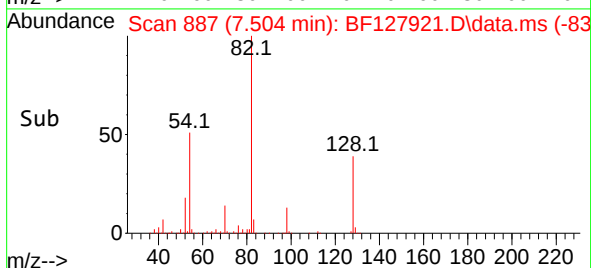
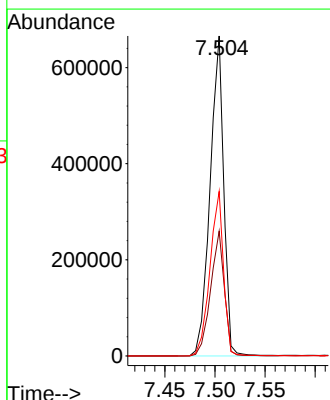
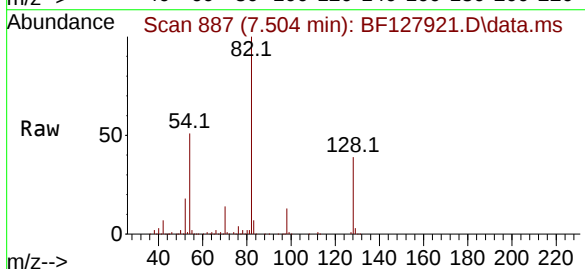
Instrument :
BNA_F
ClientSampleId :
20220375-096-21-01-ELUTRIATE

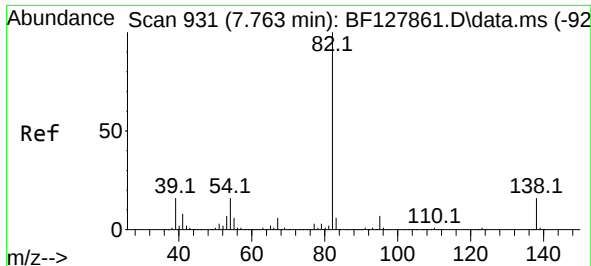
Tgt Ion:136 Resp: 564467
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.4 6.8 10.2
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 52.780 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

Tgt Ion: 82 Resp: 633559
Ion Ratio Lower Upper
82 100
128 39.0 30.0 45.0
54 51.4 41.3 61.9

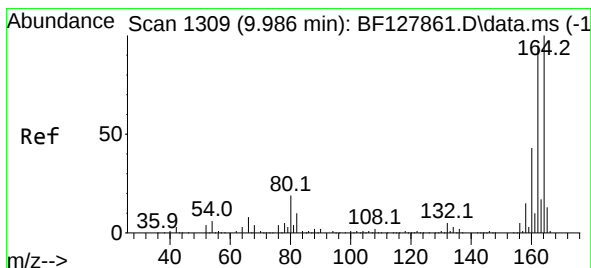
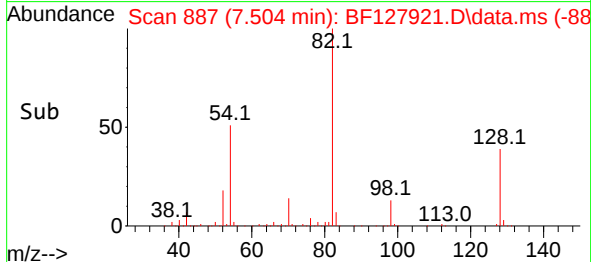
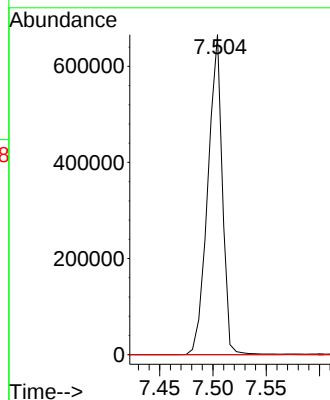
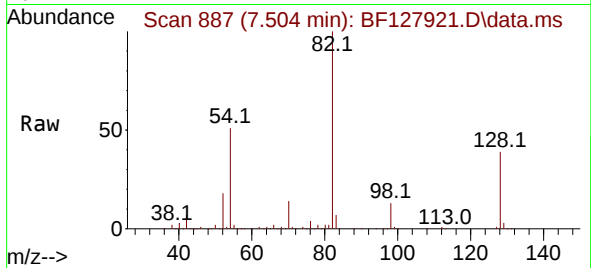




#25
Isophorone
Concen: 31.359 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

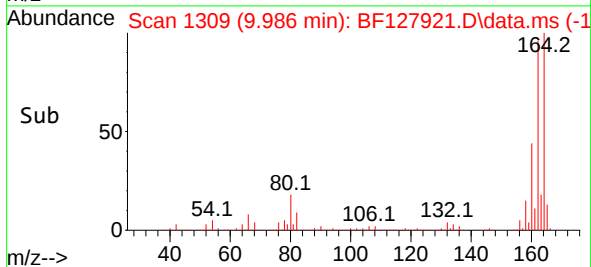
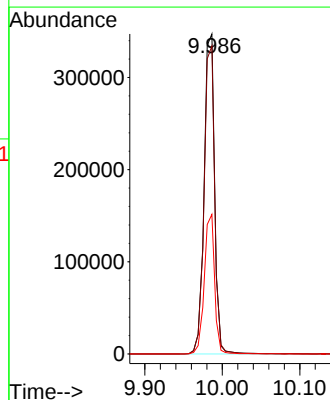
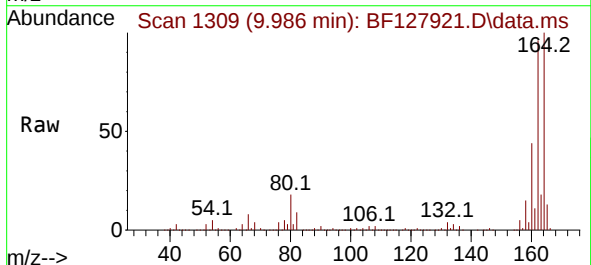
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20220375-096-21-01-ELUTRIATE

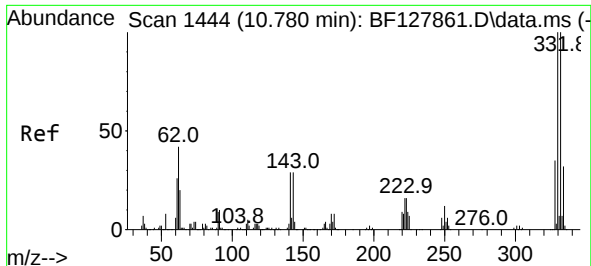
Tgt Ion: 82 Resp: 633552
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

Tgt Ion:164 Resp: 327711
Ion Ratio Lower Upper
164 100
162 96.3 76.0 114.0
160 43.6 34.8 52.2

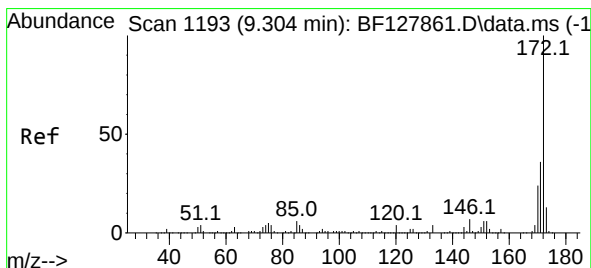
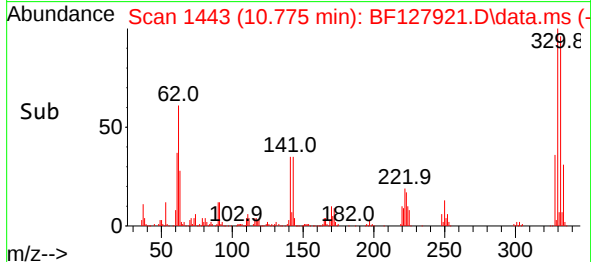
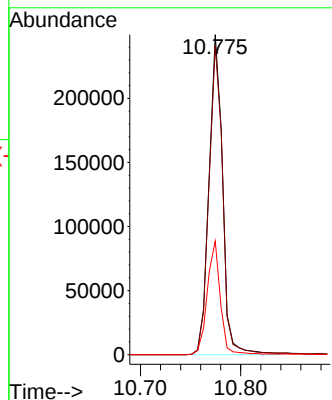
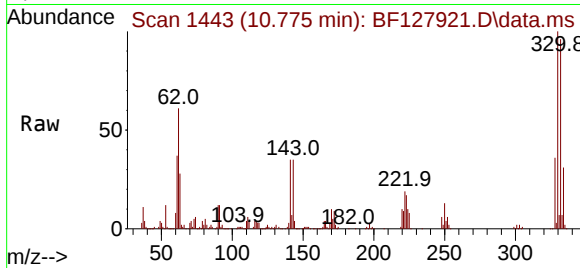




#42
2,4,6-Tribromophenol
Concen: 71.345 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

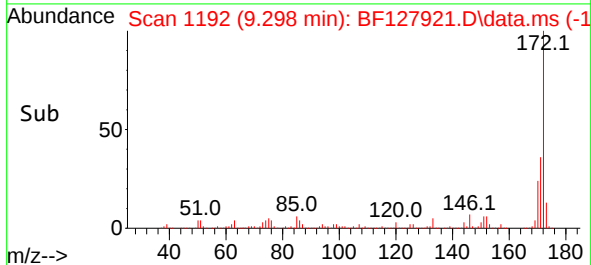
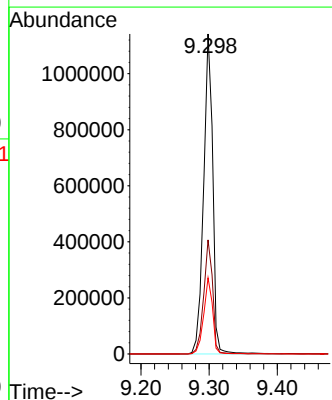
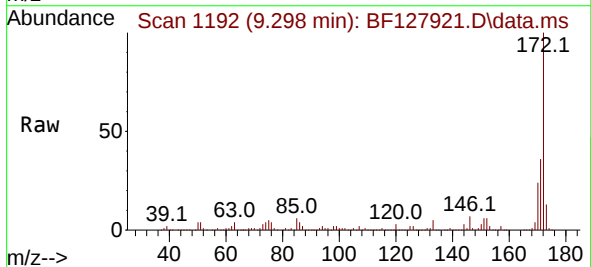
Instrument : BNA_F
ClientSampleId : 20220375-096-21-01-ELUTRIATE

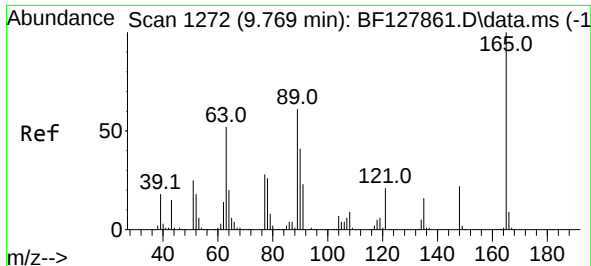
Tgt Ion: 330 Resp: 235364
Ion Ratio Lower Upper
330 100
332 98.2 79.0 118.4
141 34.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 55.145 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

Tgt Ion: 172 Resp: 1068231
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.8 19.1 28.7

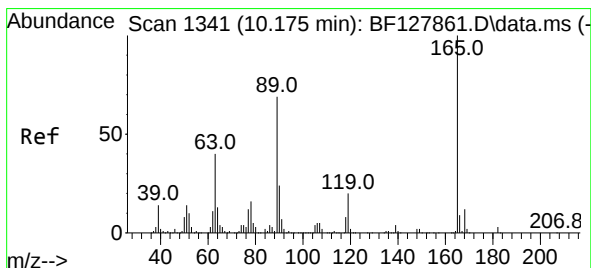
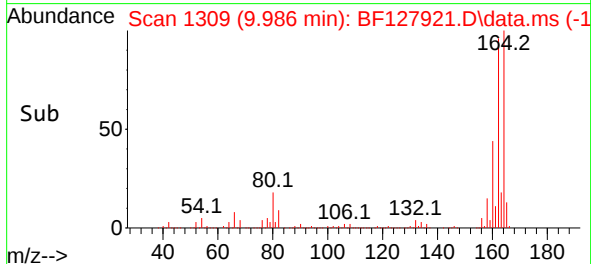
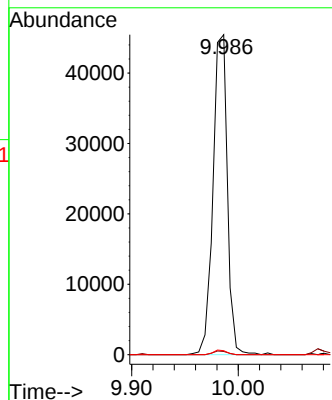
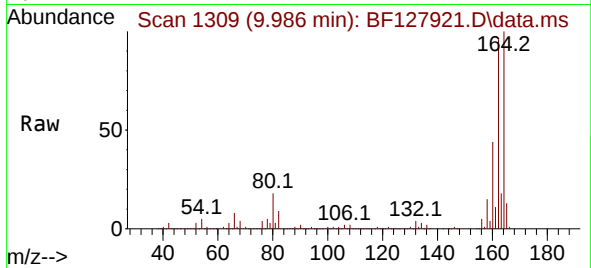




#51
2,6-Dinitrotoluene
Concen: 8.948 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

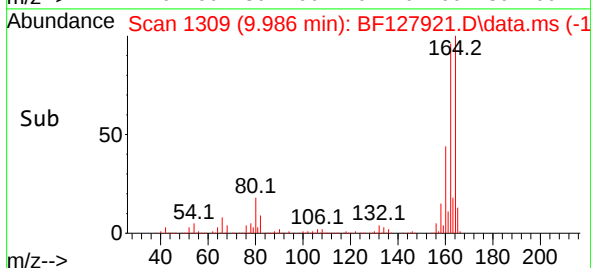
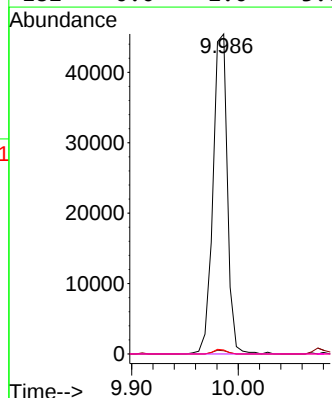
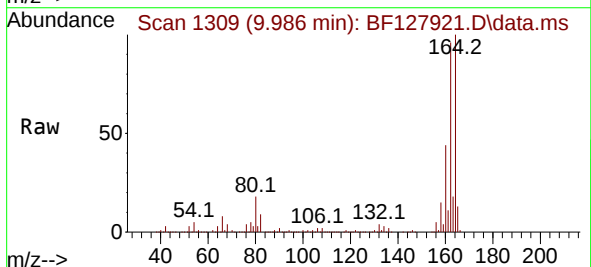
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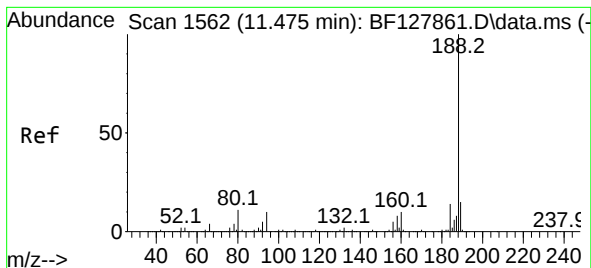
Tgt Ion:165 Resp: 42579
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.755 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.188 min
Lab File: BF127921.D
Acq: 26 Apr 2022 19:15

Tgt Ion:165 Resp: 42579
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.2 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: BF127921.D

Acq: 26 Apr 2022 19:15

Instrument :

BNA_F

ClientSampleId :

20220375-096-21-01-ELUTRIATE

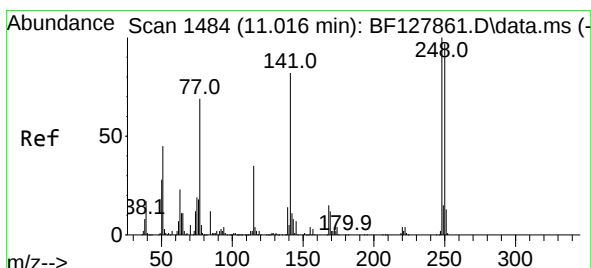
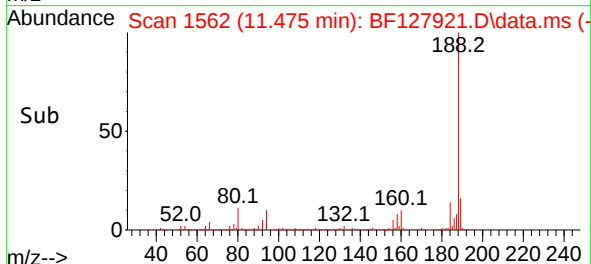
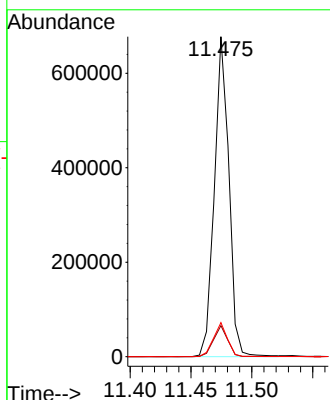
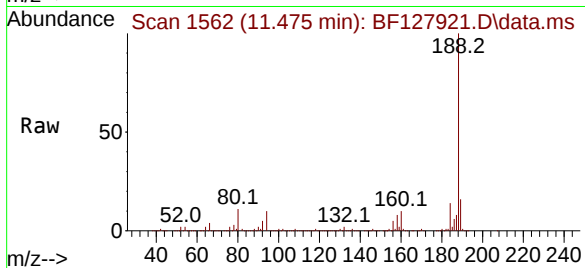
Tgt Ion:188 Resp: 564148

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

80 10.7 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.356 ng

RT: 10.775 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF127921.D

Acq: 26 Apr 2022 19:15

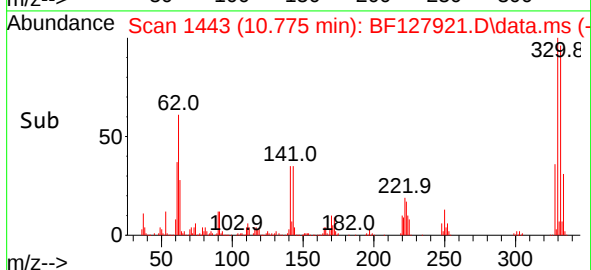
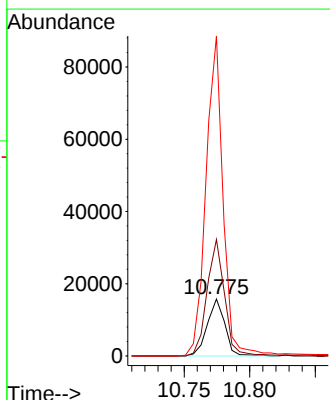
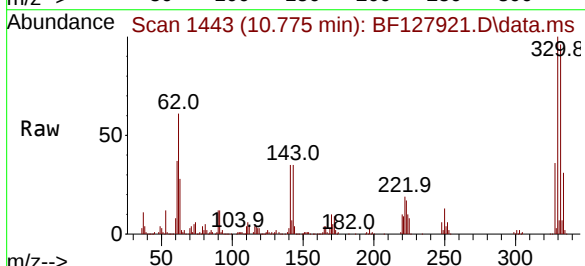
Tgt Ion:248 Resp: 14736

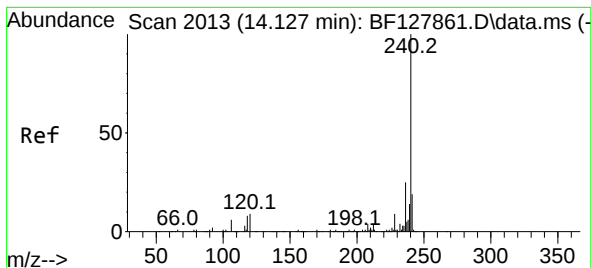
Ion Ratio Lower Upper

248 100

250 204.5 77.7 116.5#

141 561.5 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: BF127921.D

Acq: 26 Apr 2022 19:15

Instrument :

BNA_F

ClientSampleId :

20220375-096-21-01-ELUTRIATE

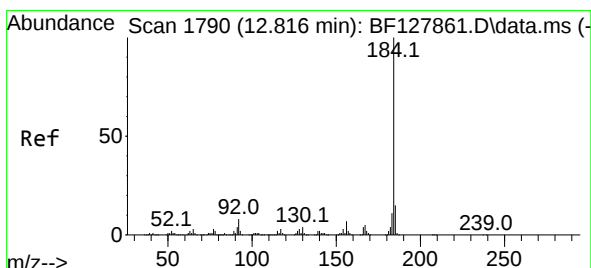
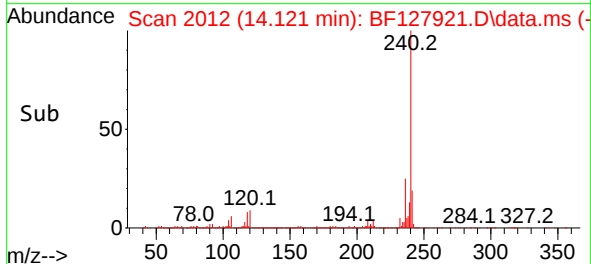
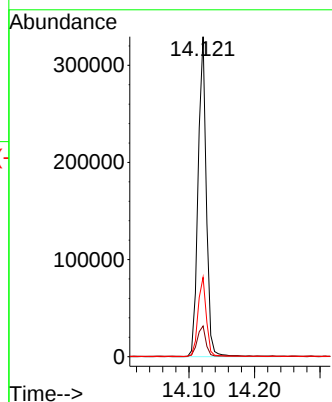
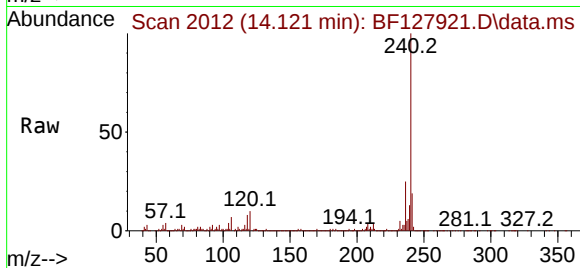
Tgt Ion:240 Resp: 287692

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

236 24.8 20.3 30.5



#77

Benidine

Concen: 2.042 ng

RT: 13.063 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF127921.D

Acq: 26 Apr 2022 19:15

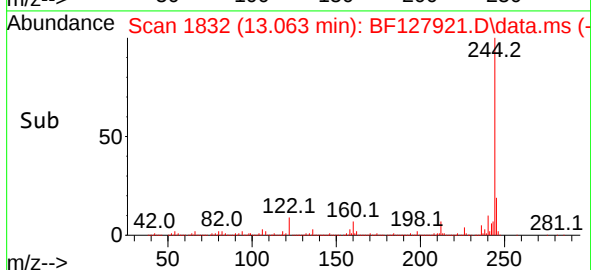
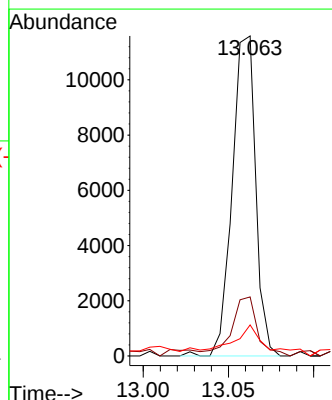
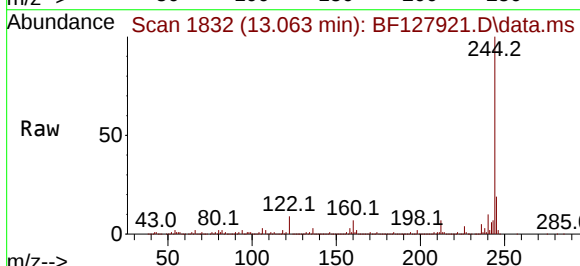
Tgt Ion:184 Resp: 11114

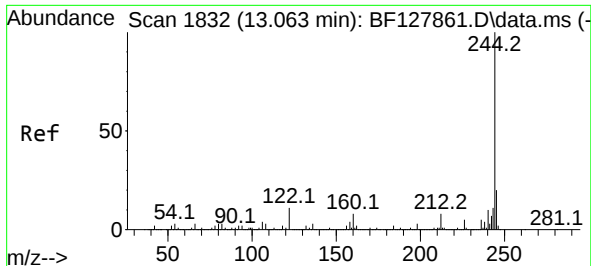
Ion Ratio Lower Upper

184 100

185 18.4 12.1 18.1#

183 9.7 9.0 13.4

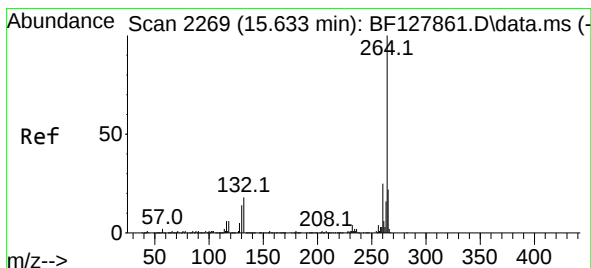
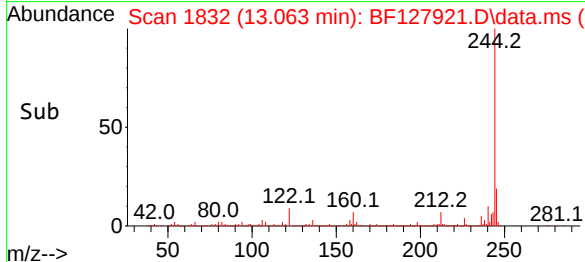
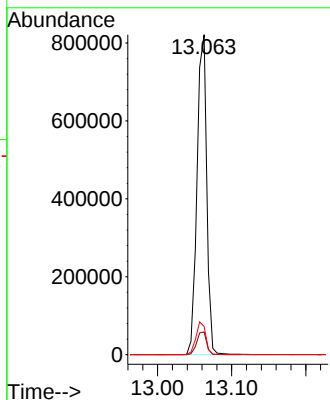
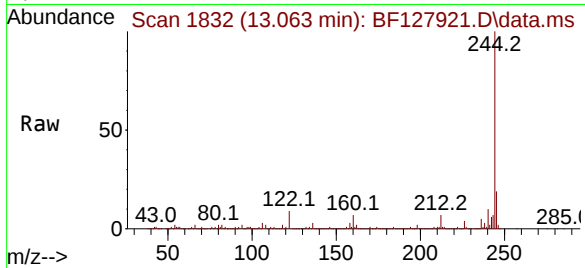




#79
 Terphenyl-d14
 Concen: 47.379 ng
 RT: 13.063 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127921.D
 Acq: 26 Apr 2022 19:15

Instrument :
 BNA_F
 ClientSampleId :
 20220375-096-21-01-ELUTRIATE

Tgt Ion:244 Resp: 745420
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 8.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF127921.D
 Acq: 26 Apr 2022 19:15

Tgt Ion:264 Resp: 299375
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 20.7 17.5 26.3

