

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127928.D
 Acq On : 26 Apr 2022 22:36
 Operator : CG\JU
 Sample : N2551-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220376-096-21-02-ELUTRIATE

Quant Time: Apr 27 01:49:34 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)

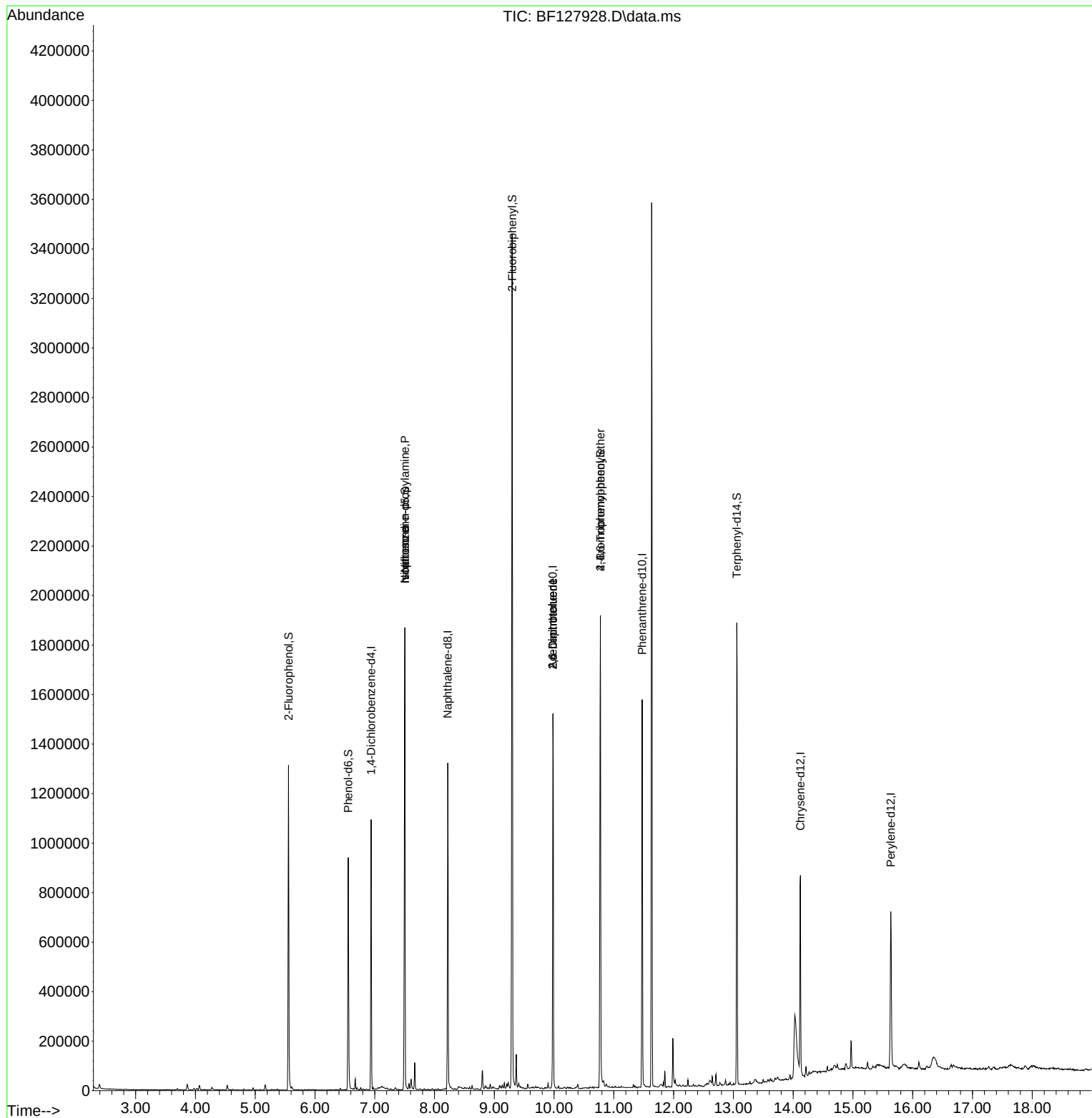
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	142460	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	558696	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	323591	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	544065	20.000	ng	0.00
76) Chrysene-d12	14.121	240	290155	20.000	ng	0.00
86) Perylene-d12	15.633	264	307455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	315685	35.295	ng	0.00
7) Phenol-d6	6.557	99	292189	25.177	ng	-0.01
23) Nitrobenzene-d5	7.504	82	612566	51.558	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	226430	69.511	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1034635	54.091	ng	0.00
79) Terphenyl-d14	13.057	244	635102	40.024	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	81975	11.539	ng	# 78
25) Isophorone	7.504	82	612559	30.633	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	41845	8.906	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	41846	6.723	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	14771	2.449	ng	# 1

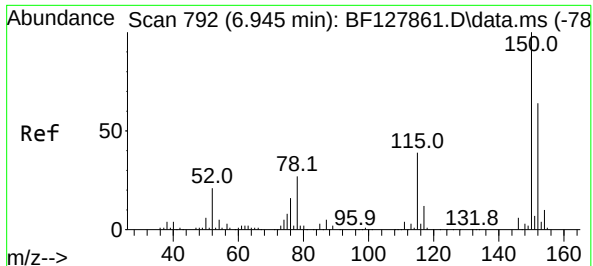
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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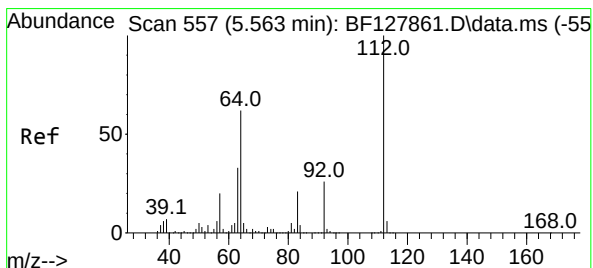
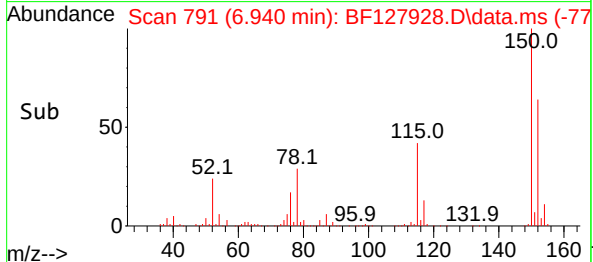
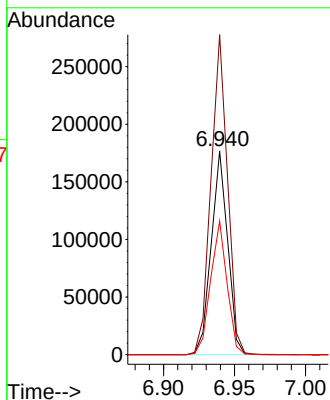
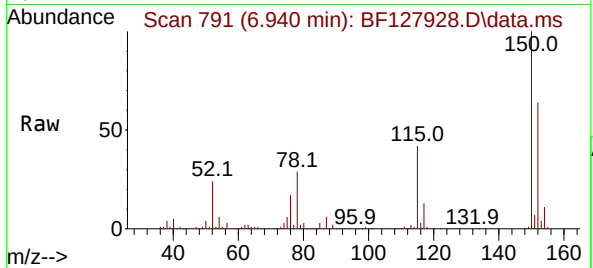




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

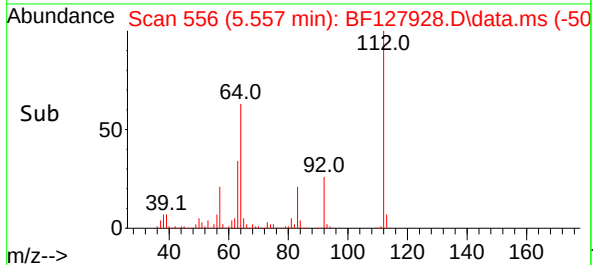
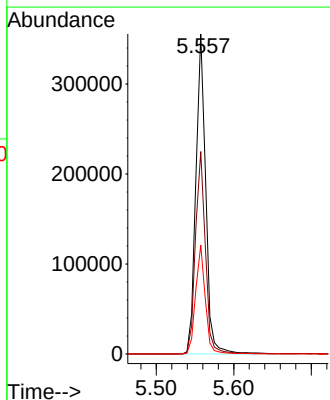
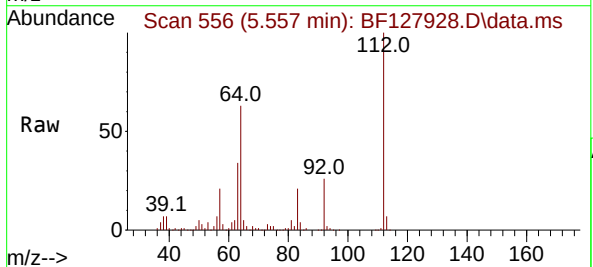
Instrument :
BNA_F
ClientSampleId :
20220376-096-21-02-ELUTRIATE

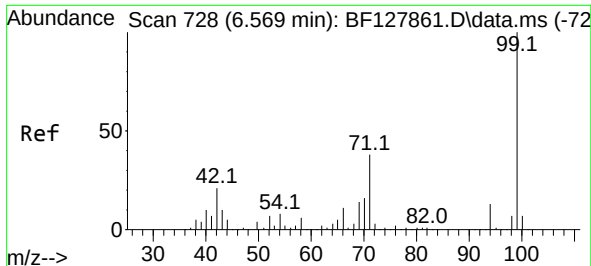
Tgt Ion:152 Resp: 142460
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 65.6 48.8 73.2



#5
2-Fluorophenol
Concen: 35.295 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

Tgt Ion:112 Resp: 315685
Ion Ratio Lower Upper
112 100
64 63.3 49.5 74.3
63 34.0 26.3 39.5

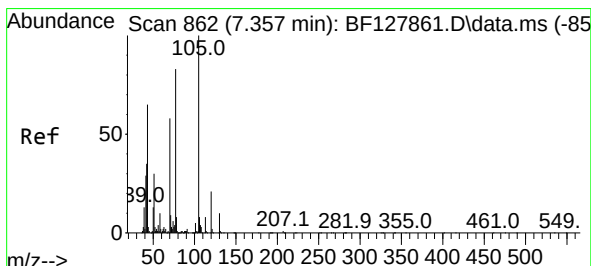
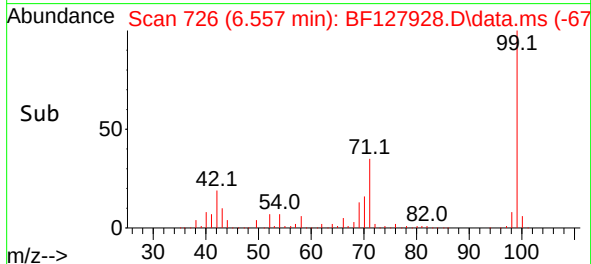
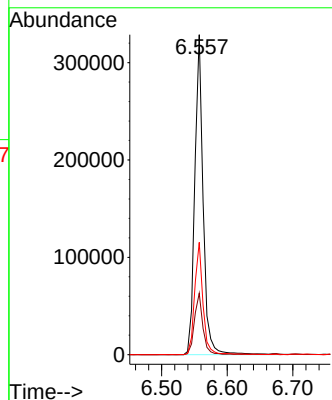
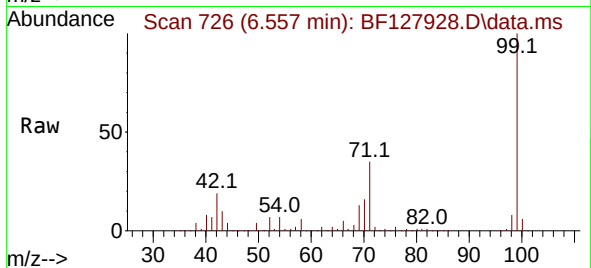




#7
Phenol-d6
Concen: 25.177 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

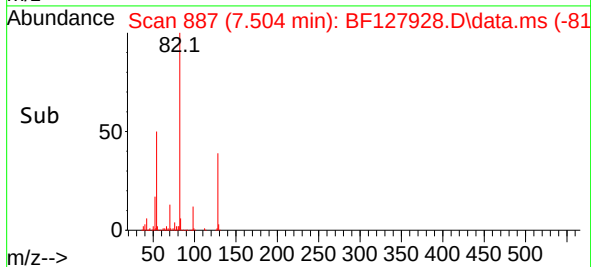
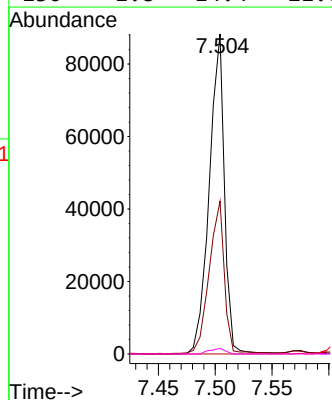
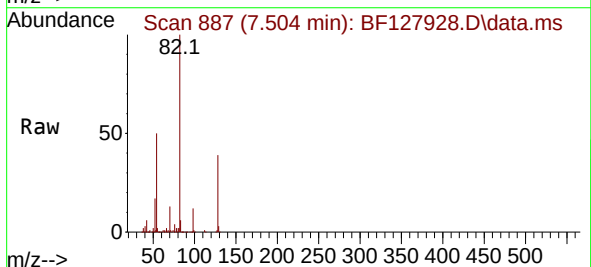
Instrument :
BNA_F
ClientSampleId :
20220376-096-21-02-ELUTRIATE

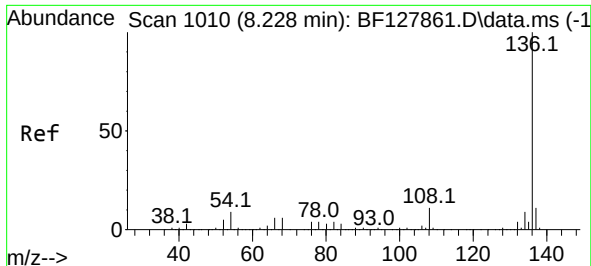
Tgt Ion: 99 Resp: 292189
Ion Ratio Lower Upper
99 100
42 19.2 16.6 24.8
71 35.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.539 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

Tgt Ion: 70 Resp: 81975
Ion Ratio Lower Upper
70 100
42 47.8 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

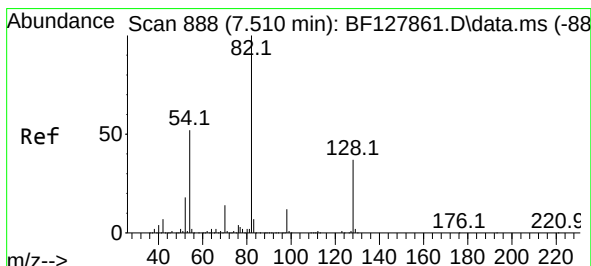
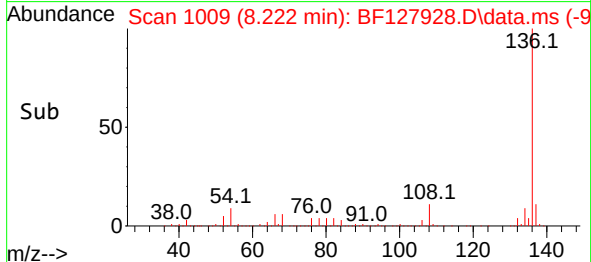
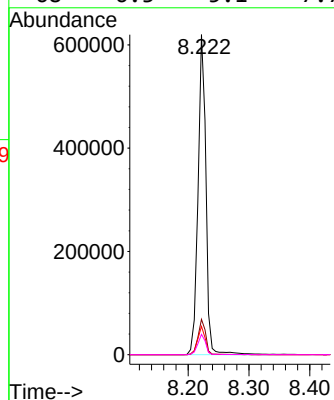
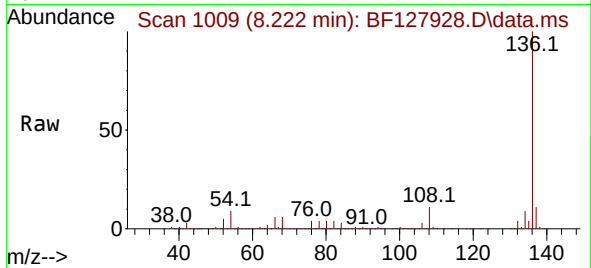




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

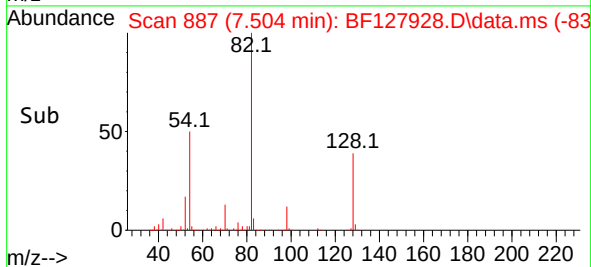
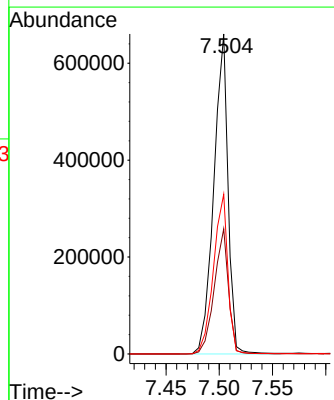
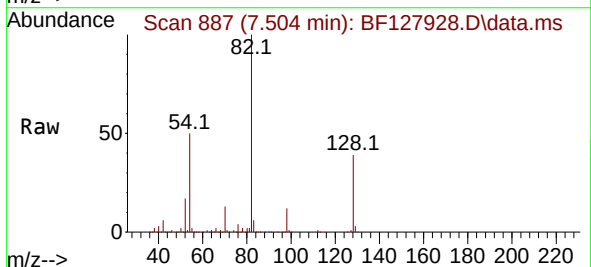
Instrument :
BNA_F
ClientSampleId :
20220376-096-21-02-ELUTRIATE

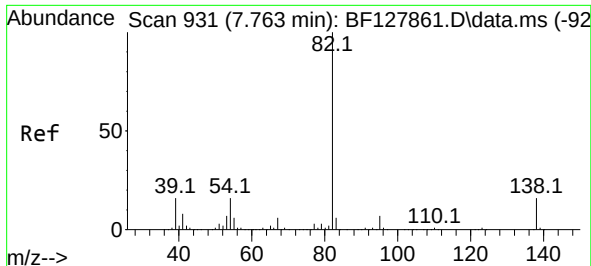
Tgt Ion:136	Resp: 558696
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.8	6.8 10.2
68 6.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 51.558 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

Tgt Ion: 82	Resp: 612566
Ion Ratio	Lower Upper
82 100	
128 39.1	30.0 45.0
54 49.9	41.3 61.9

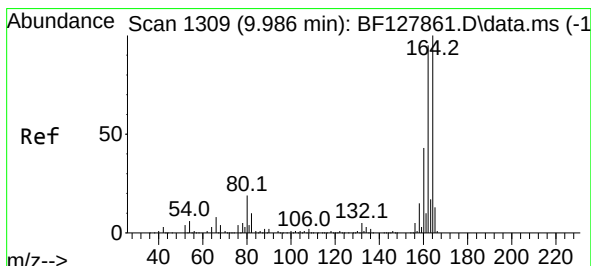
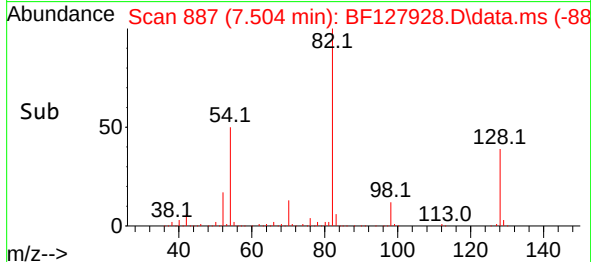
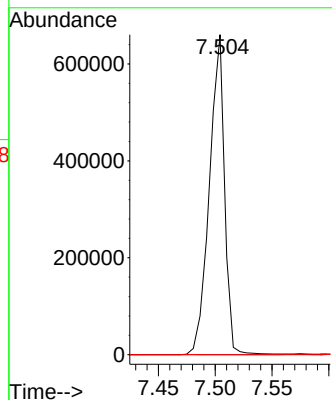
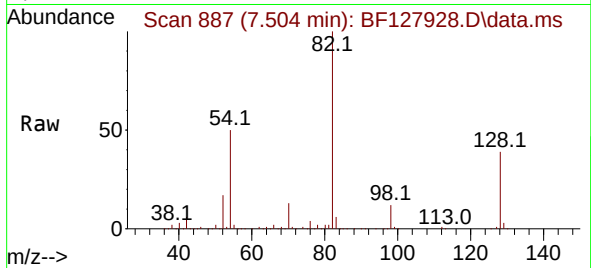




#25
Isophorone
Concen: 30.633 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

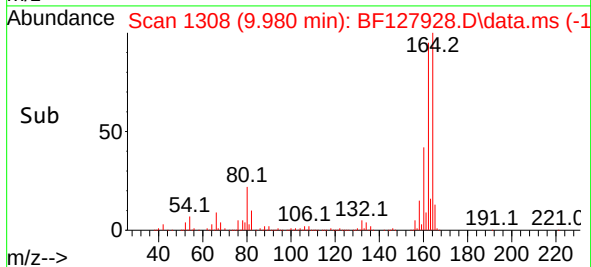
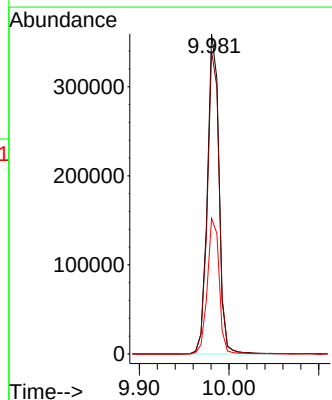
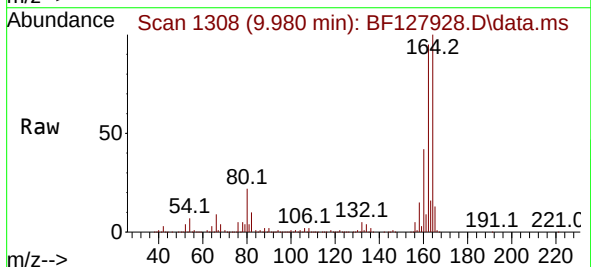
Instrument :
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ClientSampleId :
20220376-096-21-02-ELUTRIATE

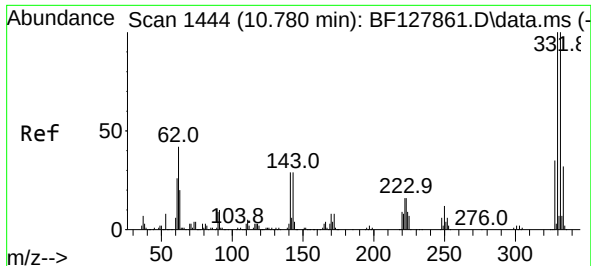
Tgt Ion: 82 Resp: 612559
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

Tgt Ion: 164 Resp: 323591
Ion Ratio Lower Upper
164 100
162 94.7 76.0 114.0
160 42.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 69.511 ng

RT: 10.775 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127928.D

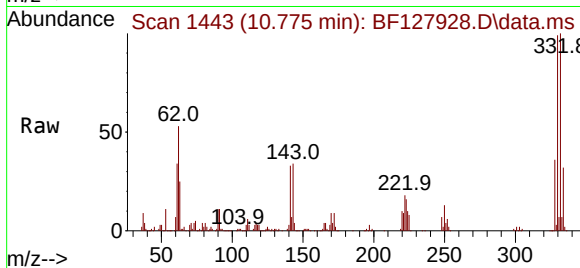
Acq: 26 Apr 2022 22:36

Instrument :

BNA_F

ClientSampleId :

20220376-096-21-02-ELUTRIATE



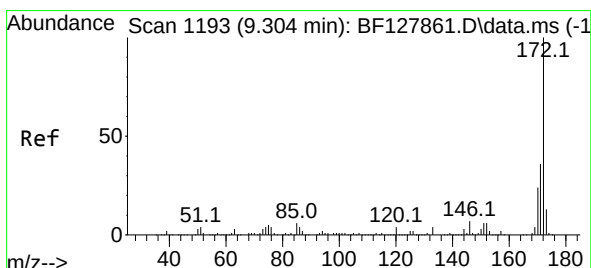
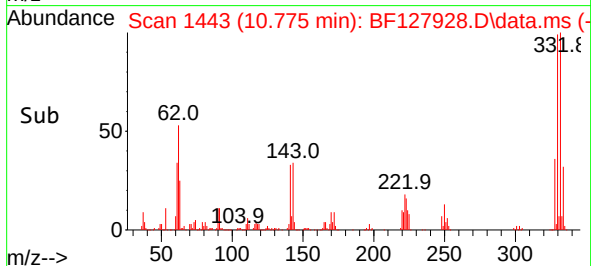
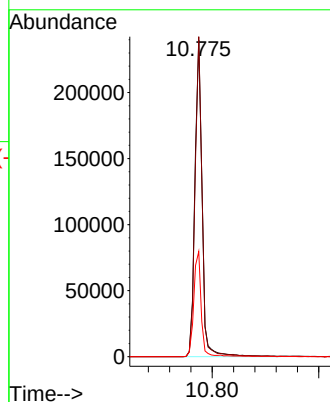
Tgt Ion:330 Resp: 226430

Ion Ratio Lower Upper

330 100

332 98.0 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 54.091 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127928.D

Acq: 26 Apr 2022 22:36

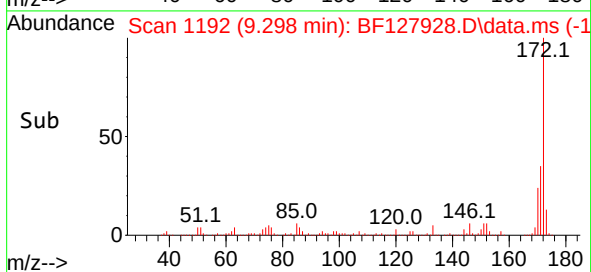
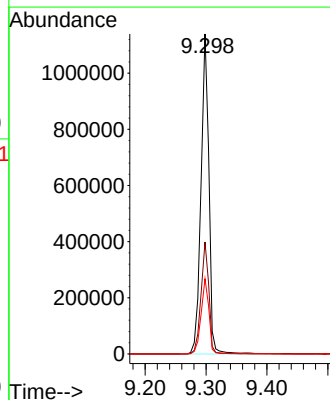
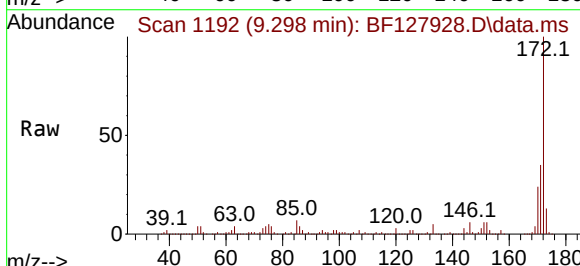
Tgt Ion:172 Resp: 1034635

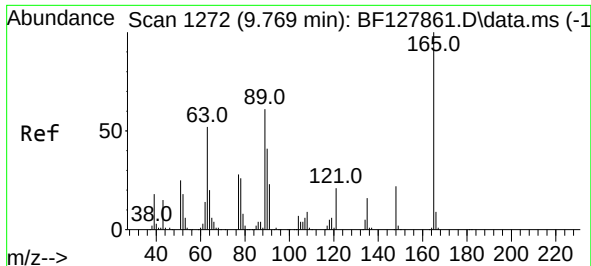
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7

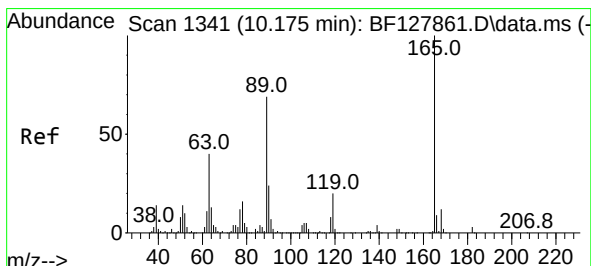
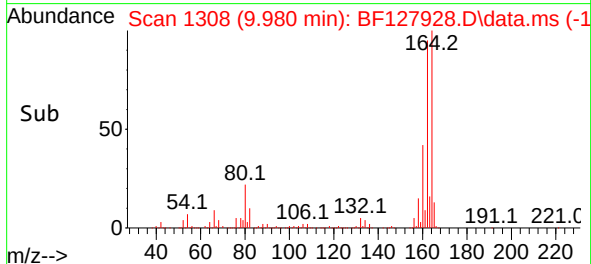
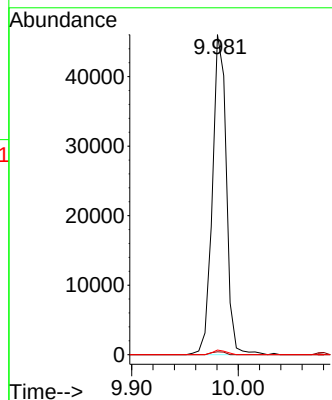
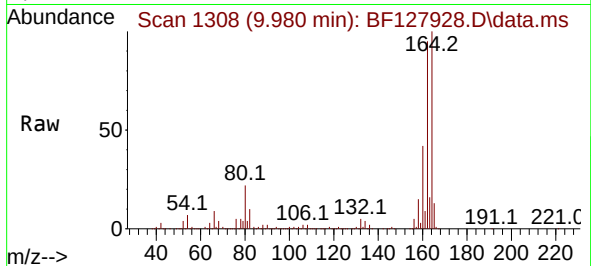




#51
2,6-Dinitrotoluene
Concen: 8.906 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

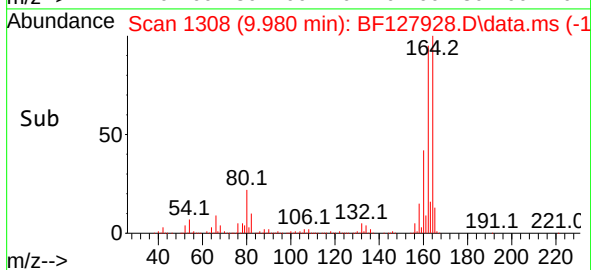
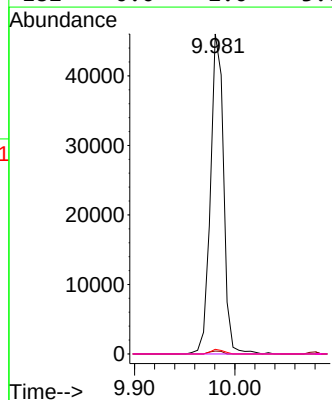
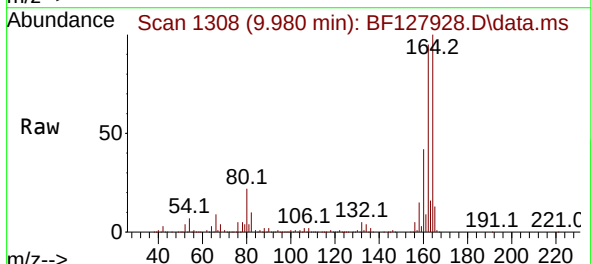
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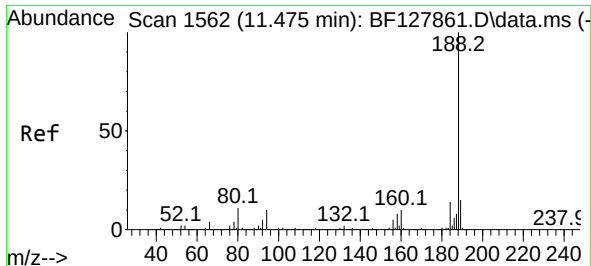
Tgt Ion:165 Resp: 41845
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.723 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

Tgt Ion:165 Resp: 41846
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

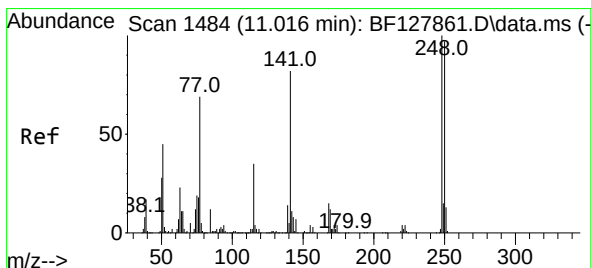
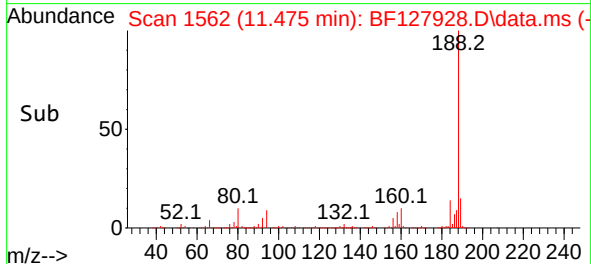
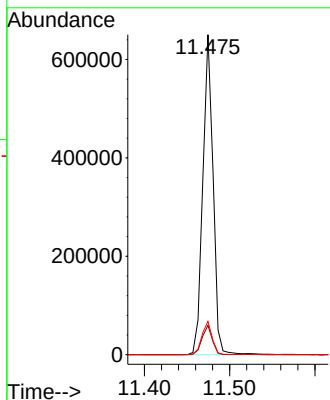
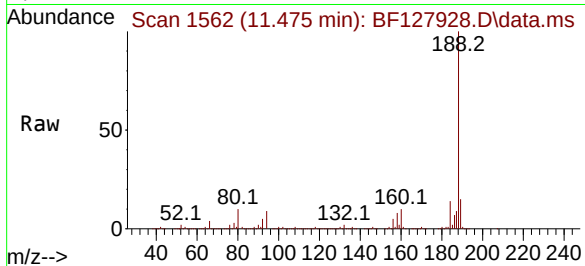




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

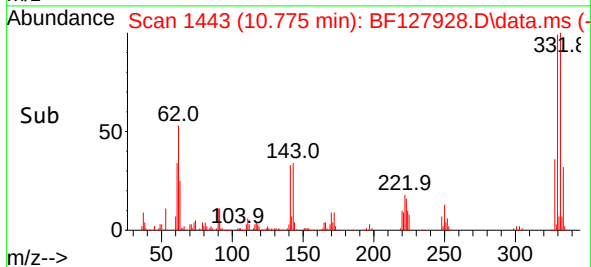
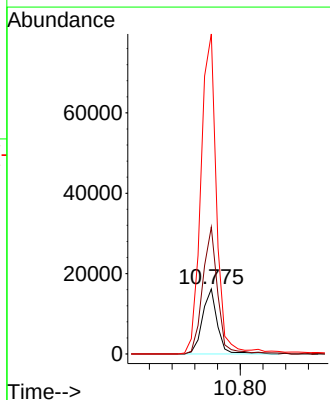
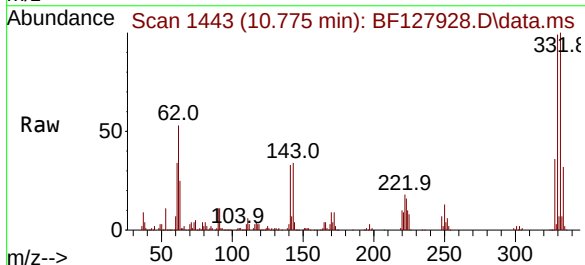
Instrument :
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20220376-096-21-02-ELUTRIATE

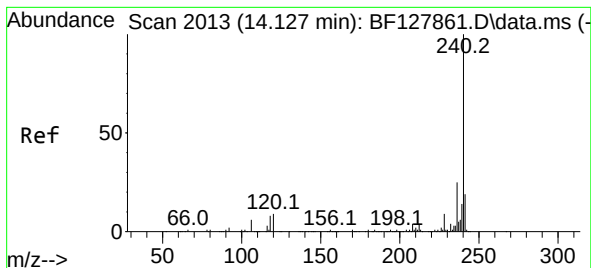
Tgt Ion:188 Resp: 544065
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.449 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127928.D
Acq: 26 Apr 2022 22:36

Tgt Ion:248 Resp: 14771
Ion Ratio Lower Upper
248 100
250 195.3 77.7 116.5#
141 492.8 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF127928.D

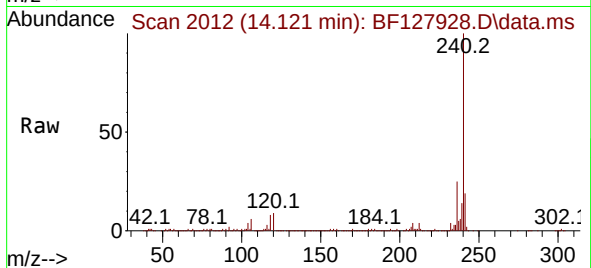
Acq: 26 Apr 2022 22:36

Instrument :

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ClientSampleId :

20220376-096-21-02-ELUTRIATE



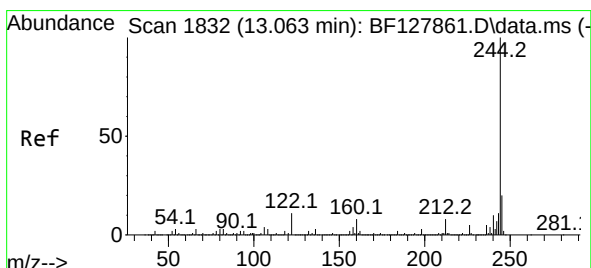
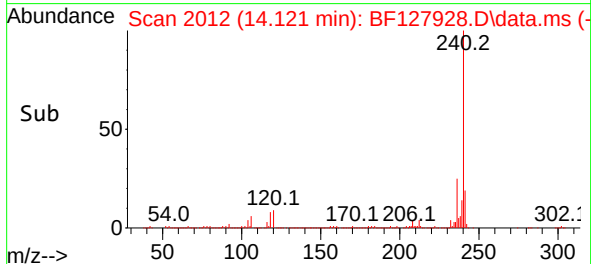
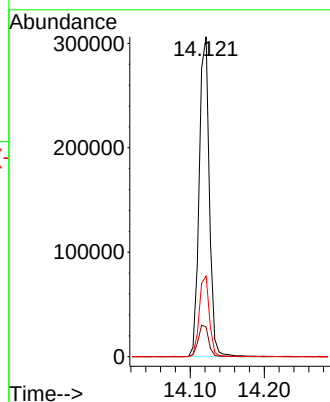
Tgt Ion:240 Resp: 290155

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

236 25.2 20.3 30.5



#79

Terphenyl-d14

Concen: 40.024 ng

RT: 13.057 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF127928.D

Acq: 26 Apr 2022 22:36

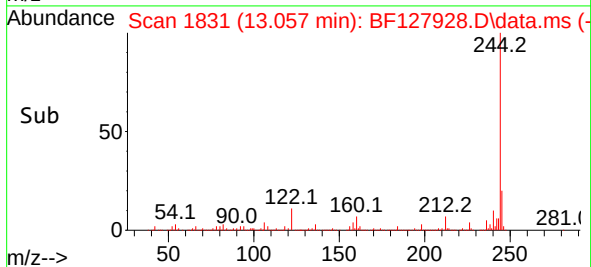
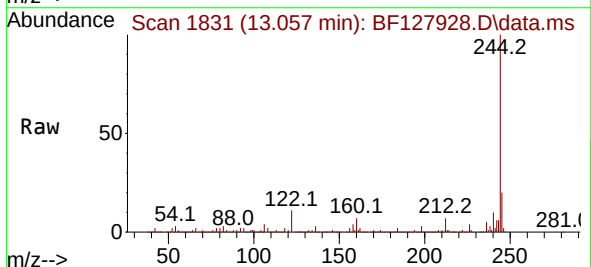
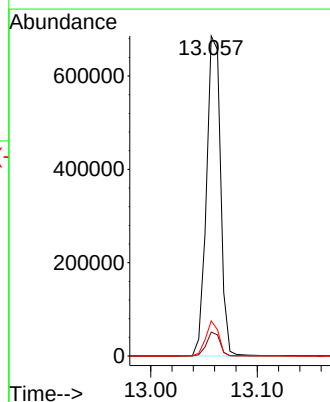
Tgt Ion:244 Resp: 635102

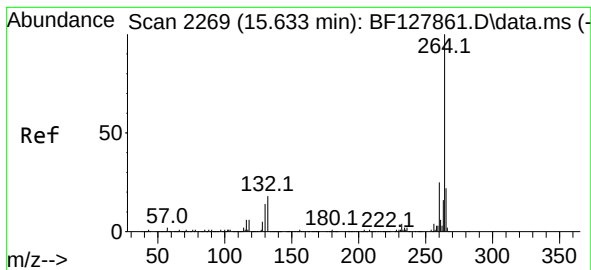
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 10.9 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF127928.D
 Acq: 26 Apr 2022 22:36

Instrument :
 BNA_F
 ClientSampleId :
 20220376-096-21-02-ELUTRIATE

Tgt Ion:264 Resp: 307455
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 21.7 17.5 26.3

