

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127844.D
 Acq On : 19 Apr 2022 16:19
 Operator : CG\JU
 Sample : PB144216BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144216BL

Quant Time: Apr 19 17:37:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 17:31:18 2022
 Response via : Initial Calibration

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

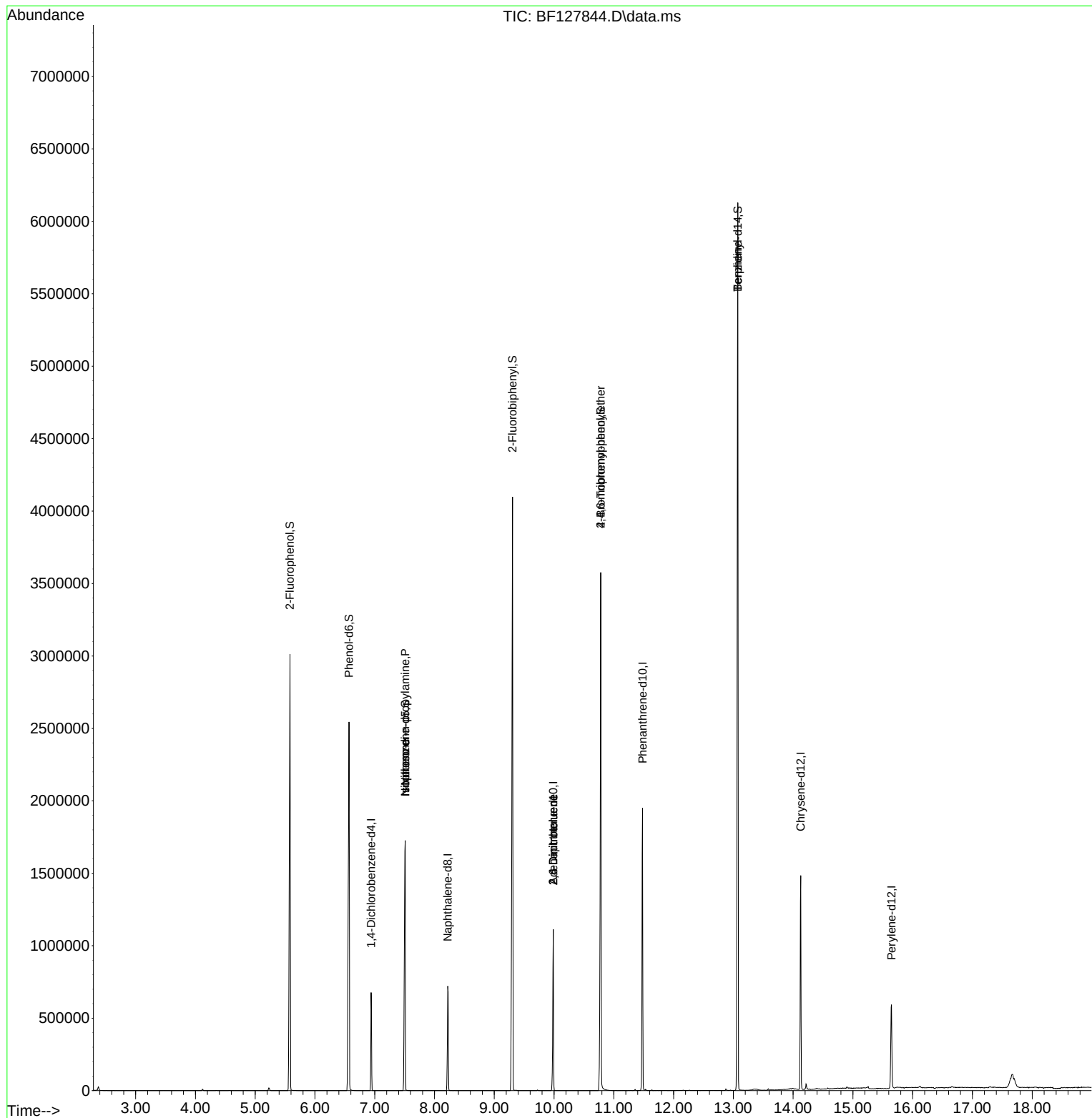
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	93246	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	355059	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	226743	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	719922	20.000	ng	0.00
76) Chrysene-d12	14.127	240	525956	20.000	ng	0.00
86) Perylene-d12	15.645	264	288698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	790226	132.765	ng	0.01
7) Phenol-d6	6.569	99	937437	126.122	ng	0.00
23) Nitrobenzene-d5	7.510	82	734473	95.936	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	464603	168.204	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1404907	80.930	ng	0.00
79) Terphenyl-d14	13.074	244	2476613	73.911	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	103705	20.327	ng	# 75
25) Isophorone	7.510	82	732748	56.884	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	28808	8.507	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	28808	6.794	ng	# 14
67) 4-Bromophenyl-phenylether	10.781	248	30540	3.130	ng	# 1
77) Benzidine	13.074	184	35092	2.586	ng	# 92

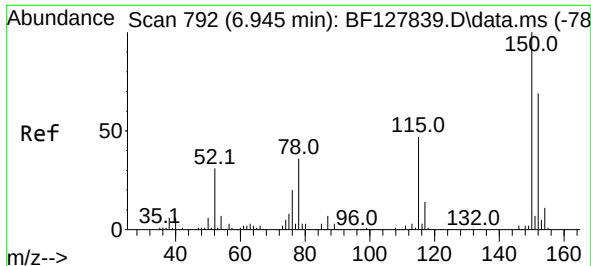
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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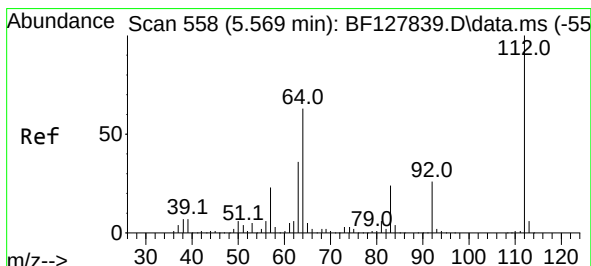
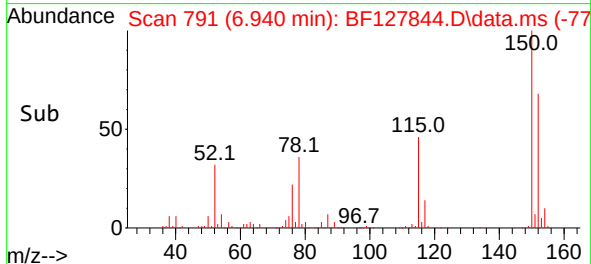
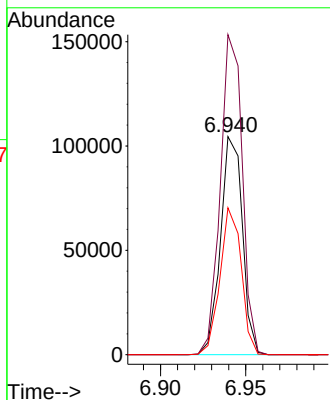
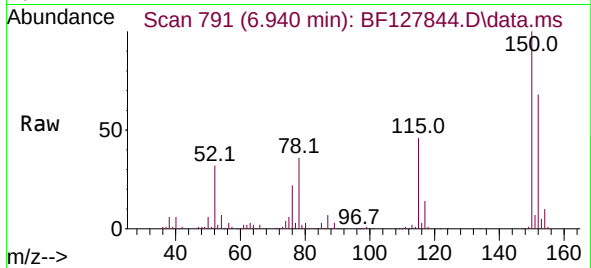




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 792
Delta R.T. -0.005 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

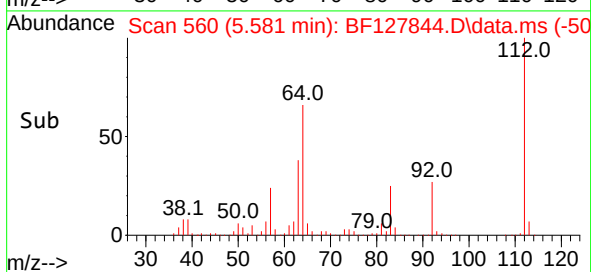
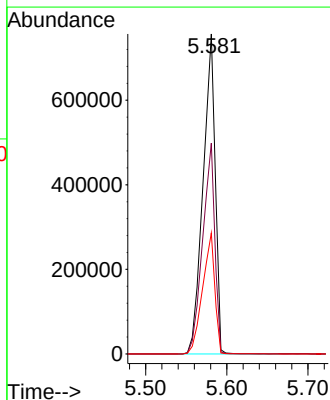
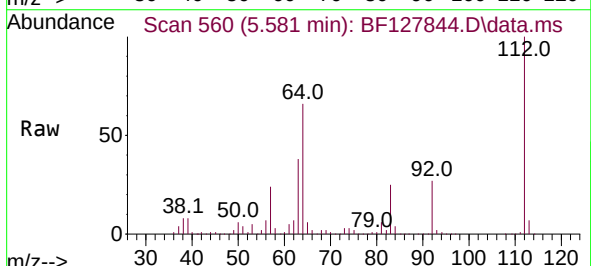
Instrument :
BNA_F
ClientSampleId :
PB144216BL

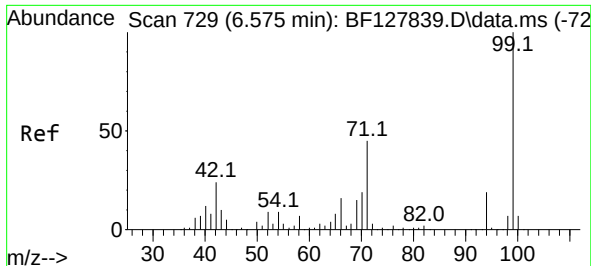
Tgt Ion:152 Resp: 93246
Ion Ratio Lower Upper
152 100
150 146.8 117.2 175.8
115 67.4 49.8 74.6



#5
2-Fluorophenol
Concen: 132.765 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

Tgt Ion:112 Resp: 790226
Ion Ratio Lower Upper
112 100
64 65.9 58.4 87.6
63 37.8 30.1 45.1

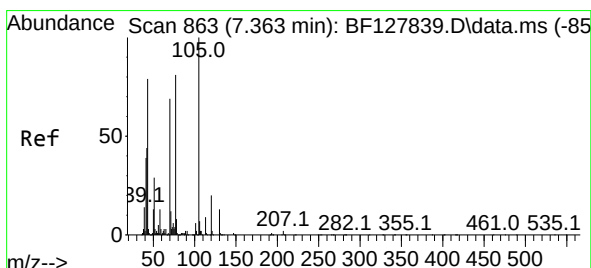
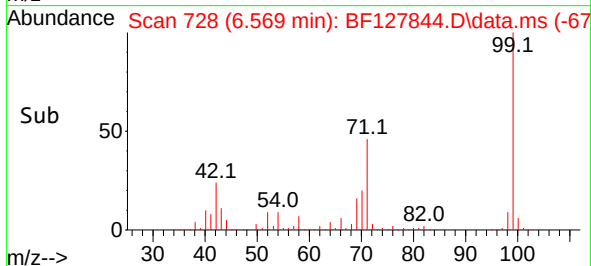
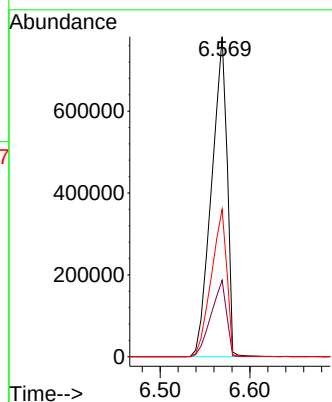
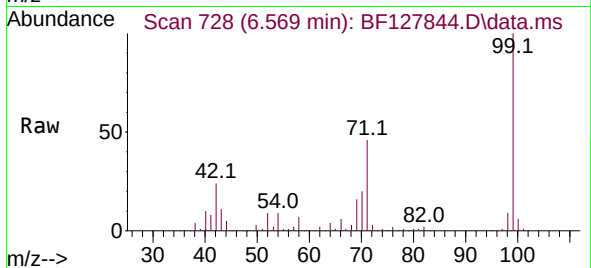




#7
Phenol-d6
Concen: 126.122 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

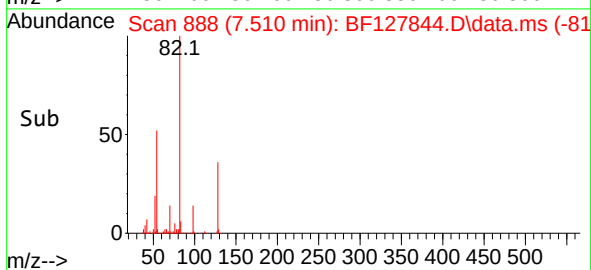
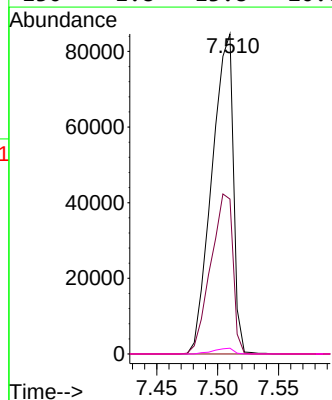
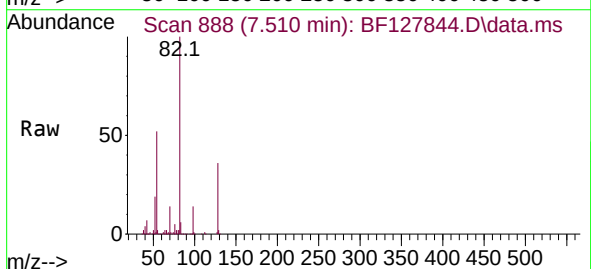
Instrument :
BNA_F
ClientSampleId :
PB144216BL

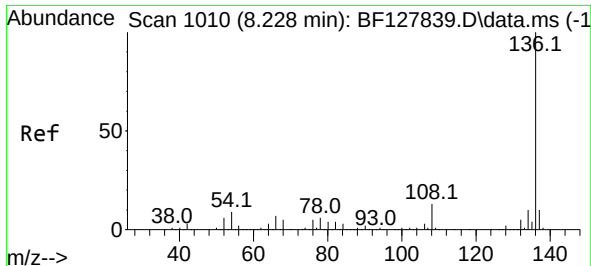
Tgt Ion: 99 Resp: 937437
Ion Ratio Lower Upper
99 100
42 23.9 17.8 26.6
71 46.1 29.6 44.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.327 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

Tgt Ion: 70 Resp: 103705
Ion Ratio Lower Upper
70 100
42 48.4 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#

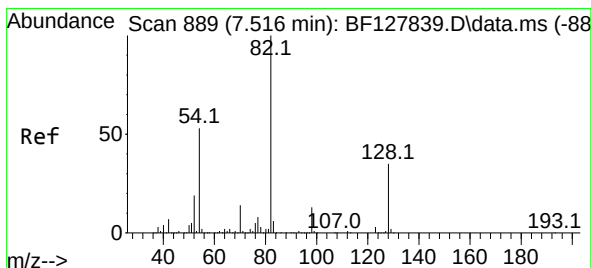
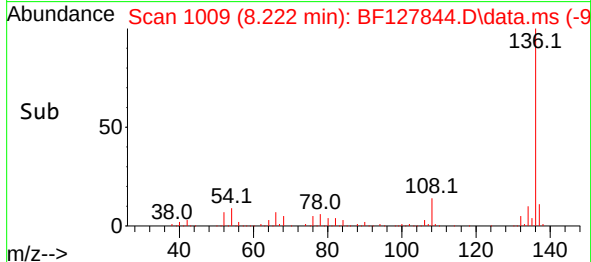
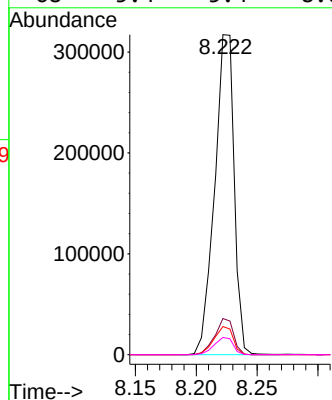
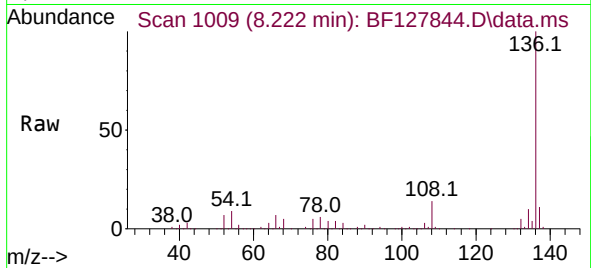




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

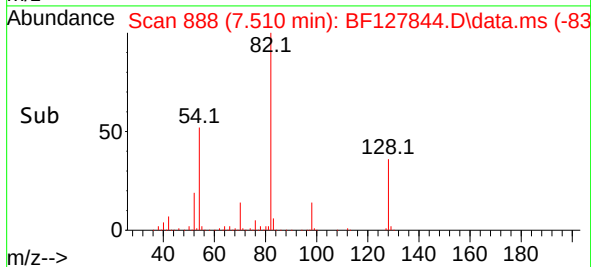
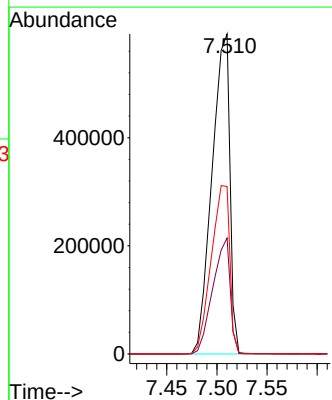
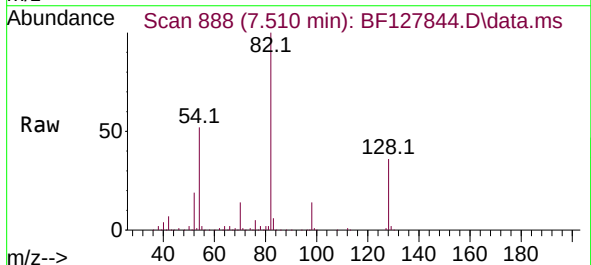
Instrument :
BNA_F
ClientSampleId :
PB144216BL

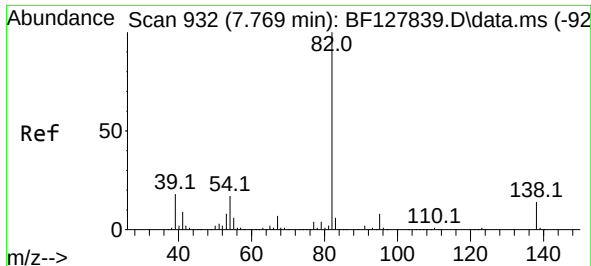
Tgt Ion:136	Resp: 355059
Ion Ratio	Lower Upper
136	100
137	11.3 8.6 13.0
54	8.8 9.2 13.8#
68	5.4 5.4 8.0



#23
Nitrobenzene-d5
Concen: 95.936 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

Tgt Ion: 82	Resp: 734473
Ion Ratio	Lower Upper
82	100
128	36.2 30.6 45.8
54	52.3 48.2 72.2

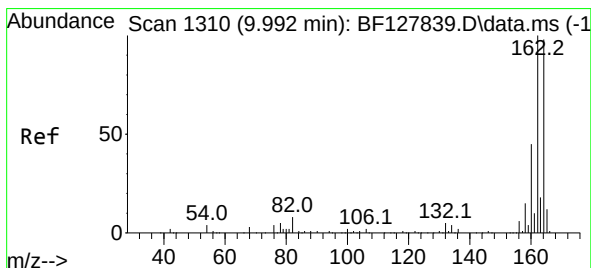
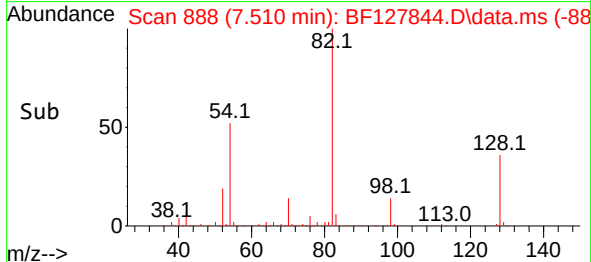
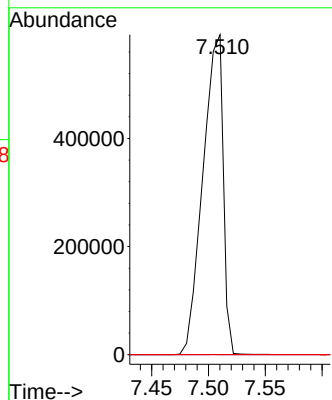
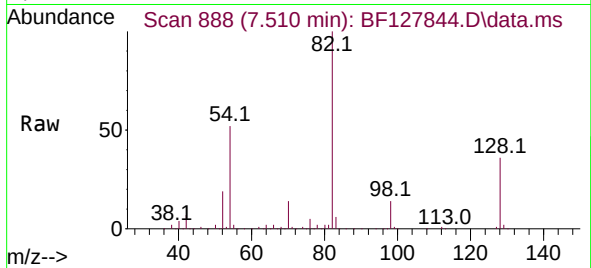




#25
Isophorone
Concen: 56.884 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

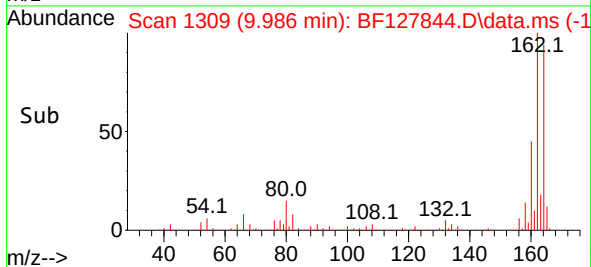
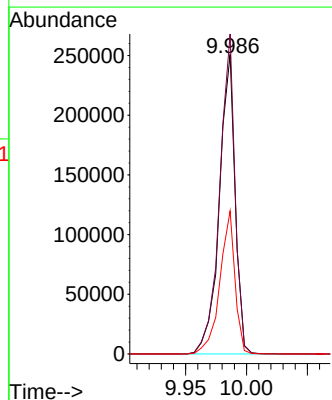
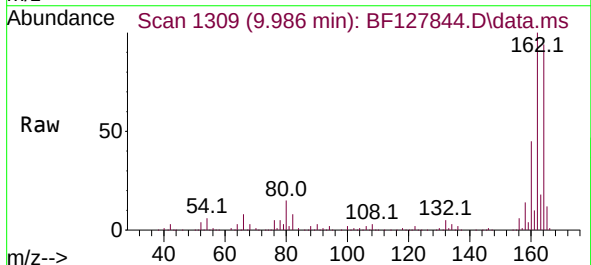
Instrument :
BNA_F
ClientSampleId :
PB144216BL

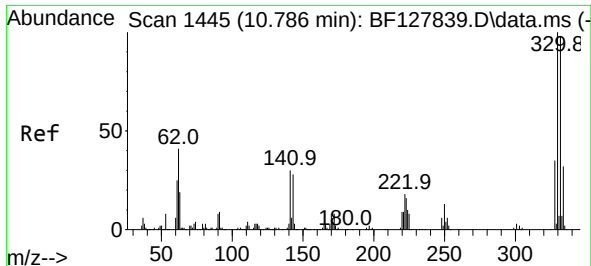
Tgt Ion: 82 Resp: 732748
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

Tgt Ion: 164 Resp: 226743
Ion Ratio Lower Upper
164 100
162 106.8 81.2 121.8
160 47.7 34.6 52.0

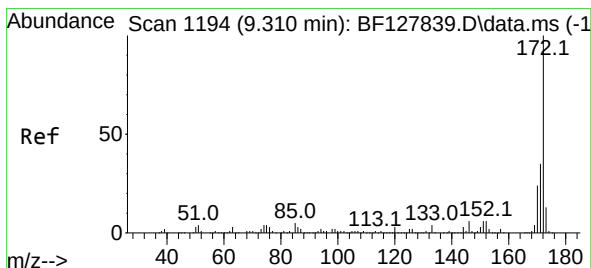
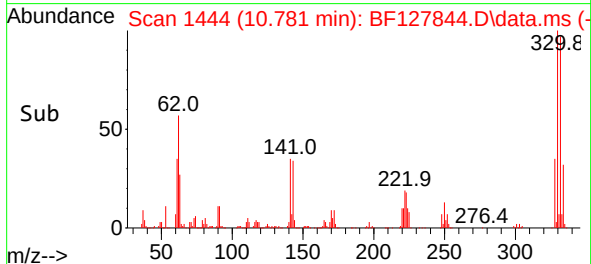
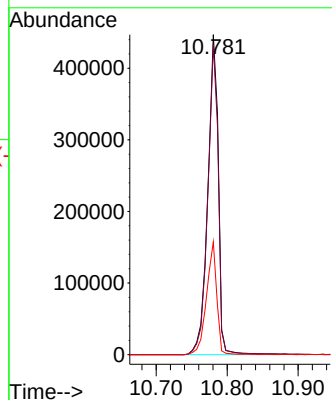
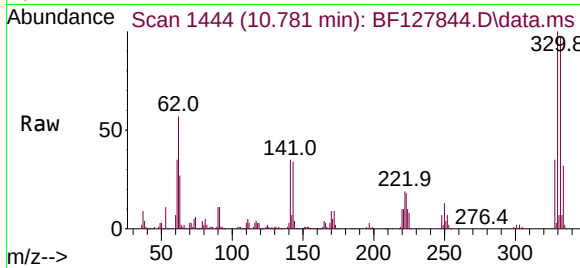




#42
2,4,6-Tribromophenol
Concen: 168.204 ng
RT: 10.781 min Scan# 1444
Delta R.T. -0.005 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

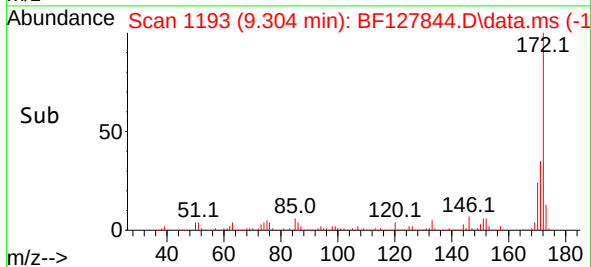
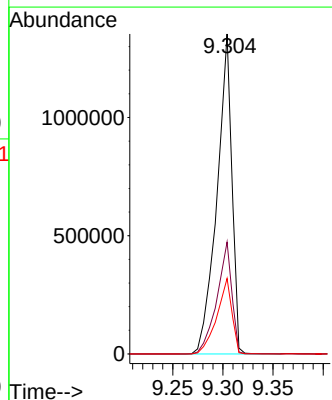
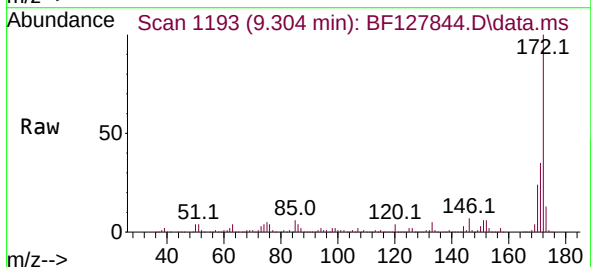
Instrument :
BNA_F
ClientSampleId :
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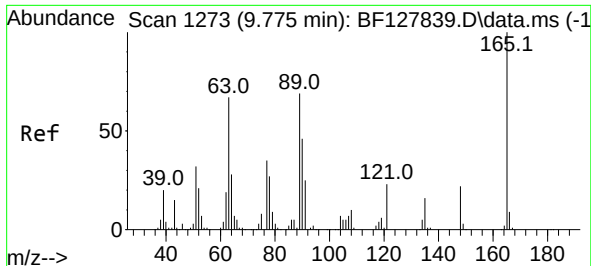
Tgt Ion:330 Resp: 464603
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 34.1 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 80.930 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

Tgt Ion:172 Resp: 1404907
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.6 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.507 ng

RT: 9.986 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF127844.D

Acq: 19 Apr 2022 16:19

Instrument :

BNA_F

ClientSampleId :

PB144216BL

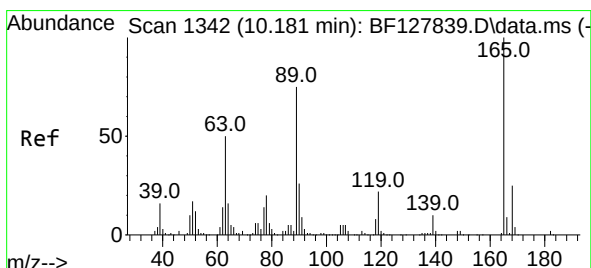
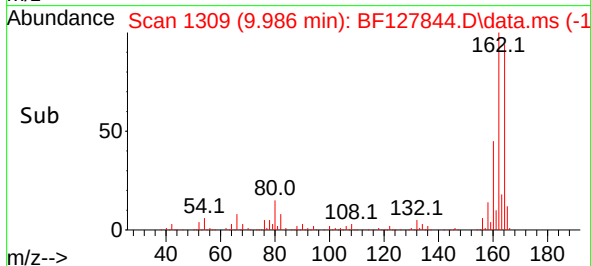
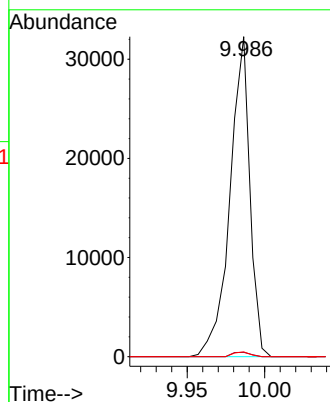
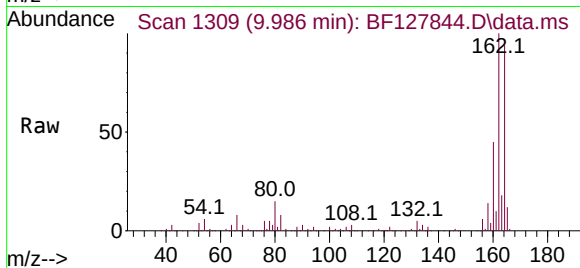
Tgt Ion:165 Resp: 28808

Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

89 1.5 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.794 ng

RT: 9.986 min Scan# 1309

Delta R.T. -0.194 min

Lab File: BF127844.D

Acq: 19 Apr 2022 16:19

Tgt Ion:165 Resp: 28808

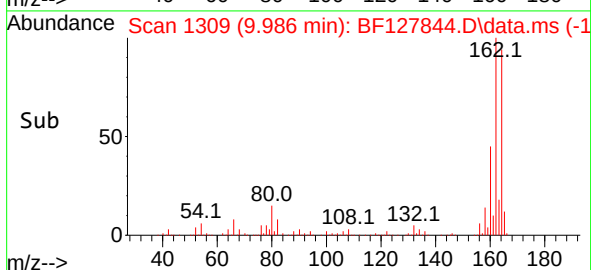
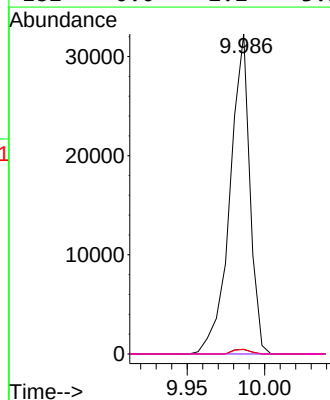
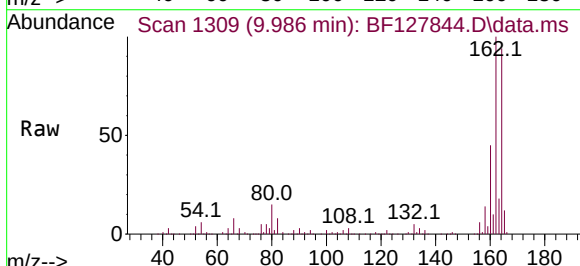
Ion Ratio Lower Upper

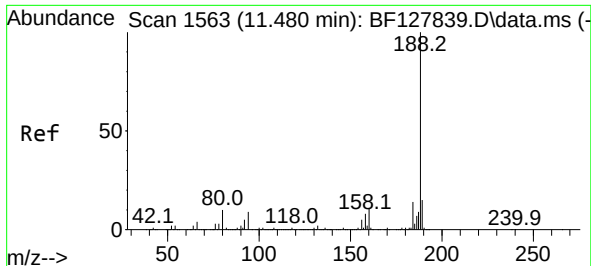
165 100

63 1.4 53.1 79.7#

89 1.5 69.2 103.8#

182 0.0 2.2 3.2#

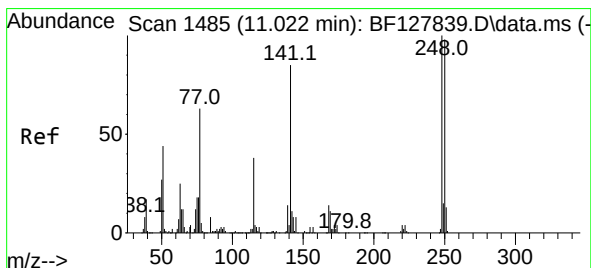
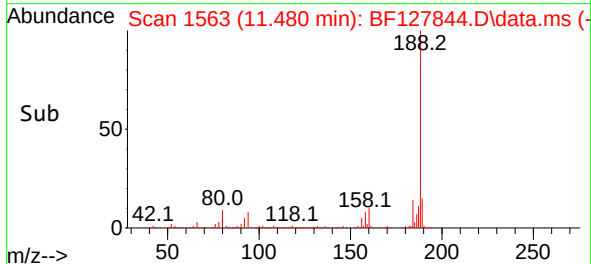
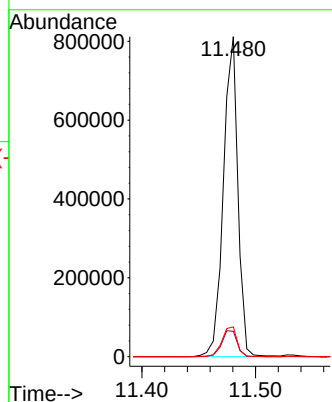
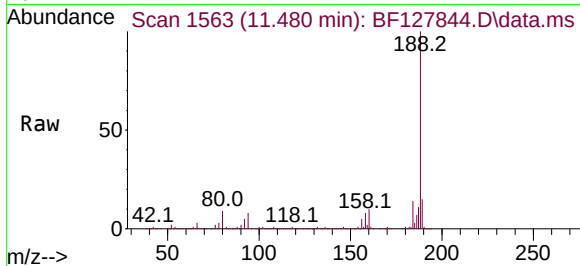




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

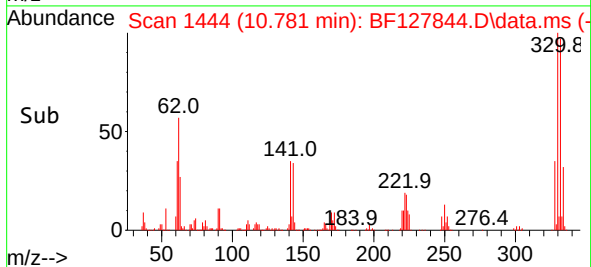
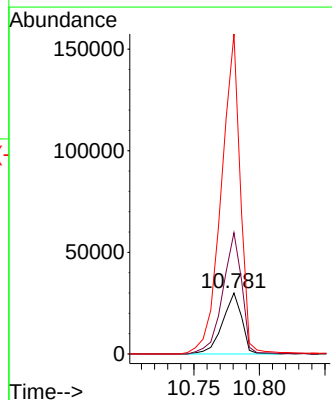
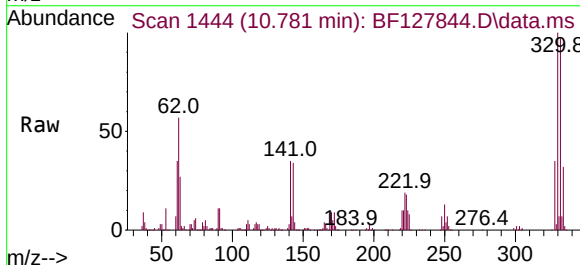
Instrument :
BNA_F
ClientSampleId :
PB144216BL

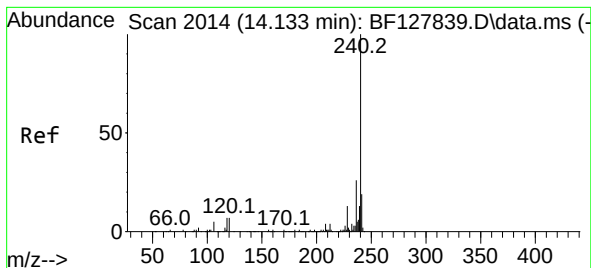
Tgt Ion:188 Resp: 719922
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 9.3 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.130 ng
RT: 10.781 min Scan# 1444
Delta R.T. -0.241 min
Lab File: BF127844.D
Acq: 19 Apr 2022 16:19

Tgt Ion:248 Resp: 30540
Ion Ratio Lower Upper
248 100
250 199.0 76.6 115.0#
141 524.9 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127844.D

Acq: 19 Apr 2022 16:19

Instrument :

BNA_F

ClientSampleId :

PB144216BL

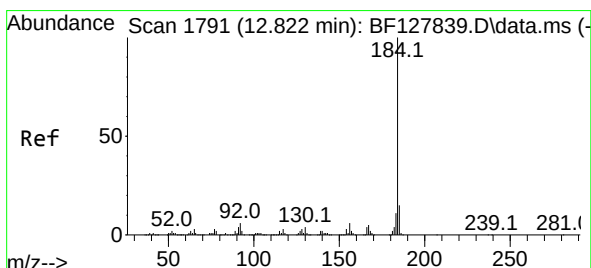
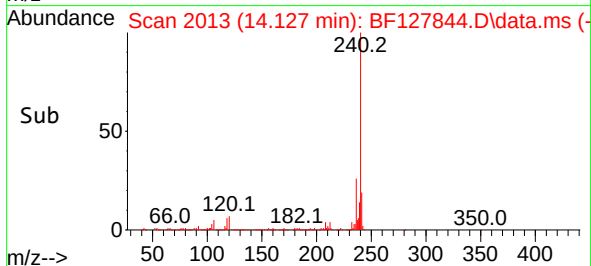
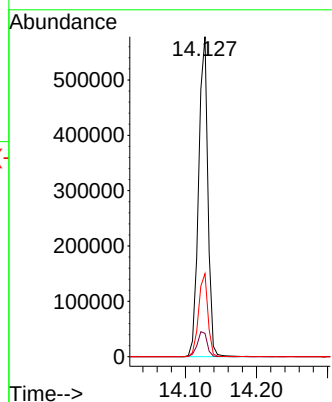
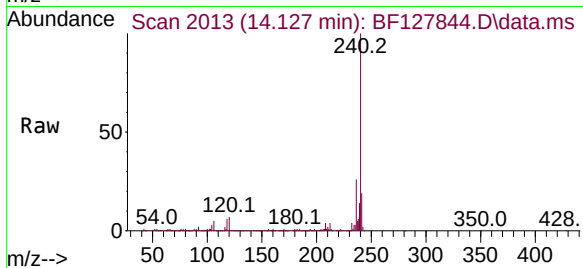
Tgt Ion:240 Resp: 525956

Ion Ratio Lower Upper

240 100

120 7.3 7.1 10.7

236 26.0 20.7 31.1



#77

Benzidine

Concen: 2.586 ng

RT: 13.074 min Scan# 1834

Delta R.T. 0.253 min

Lab File: BF127844.D

Acq: 19 Apr 2022 16:19

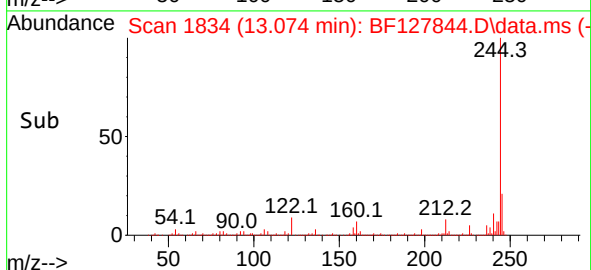
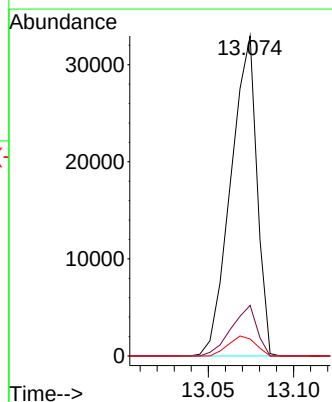
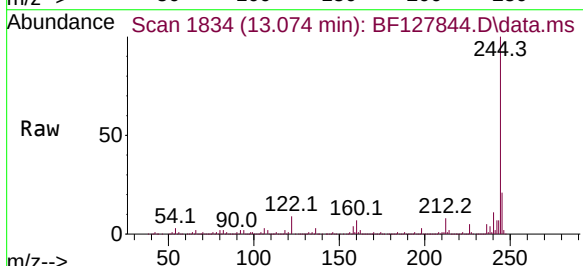
Tgt Ion:184 Resp: 35092

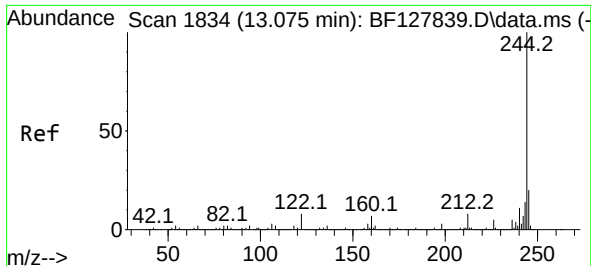
Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

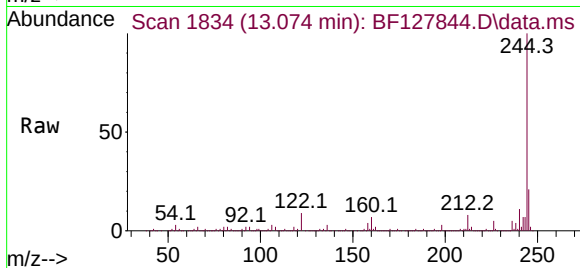
183 5.3 9.4 14.0#



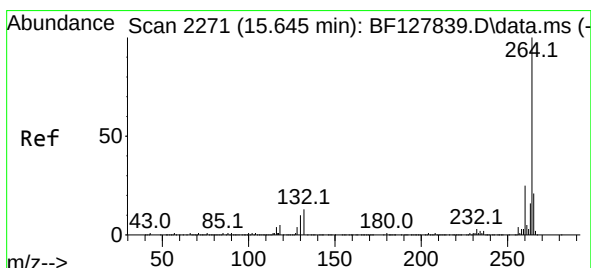
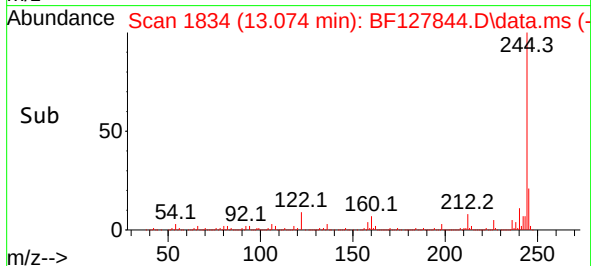
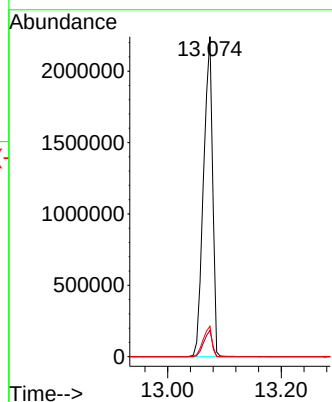


#79
 Terphenyl-d14
 Concen: 73.911 ng
 RT: 13.074 min Scan# 1834
 Delta R.T. -0.001 min
 Lab File: BF127844.D
 Acq: 19 Apr 2022 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB144216BL



Tgt Ion:244 Resp: 2476613
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 9.5 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF127844.D
 Acq: 19 Apr 2022 16:19

Tgt Ion:264 Resp: 288698
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.1 28.7
 265 20.8 17.4 26.2

