

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127845.D
 Acq On : 19 Apr 2022 17:17
 Operator : CG\JU
 Sample : PB144218BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144218BL

Quant Time: Apr 20 03:53:50 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)

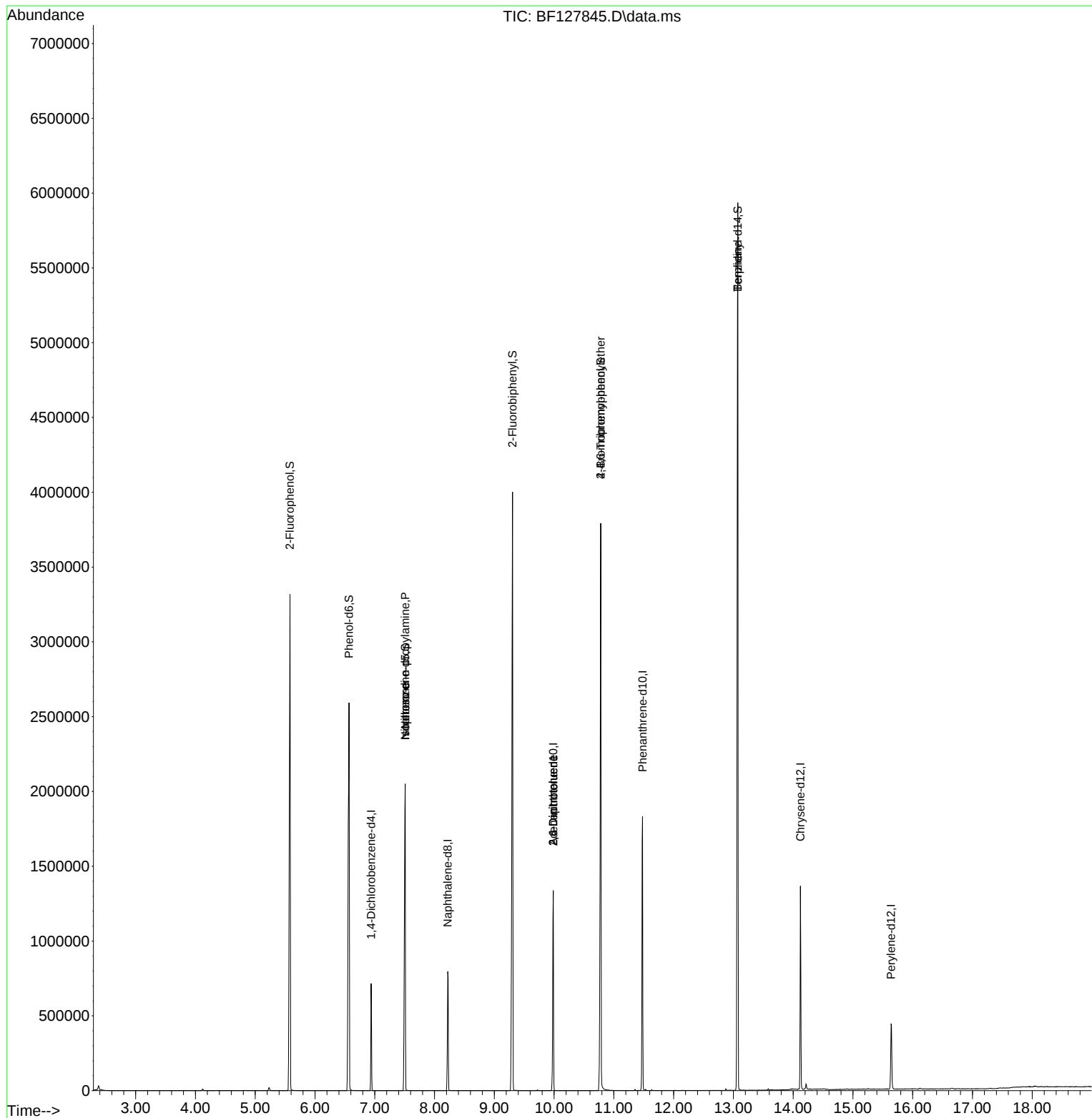
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	94608	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	383037	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	286099	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	691359	20.000	ng	0.00
76) Chrysene-d12	14.121	240	441527	20.000	ng	-0.01
86) Perylene-d12	15.639	264	213175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	910988	150.851	ng	0.01
7) Phenol-d6	6.569	99	1040954	138.033	ng	0.00
23) Nitrobenzene-d5	7.510	82	840455	101.760	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	495915	142.292	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1366582	62.390	ng	0.00
79) Terphenyl-d14	13.074	244	2359758	83.890	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	118483	22.889	ng	# 75
25) Isophorone	7.510	82	838281	60.323	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	37163	8.697	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	37163	6.946	ng	# 14
67) 4-Bromophenyl-phenylether	10.780	248	32535	3.472	ng	# 1
77) Benzydine	13.074	184	33476	2.938	ng	# 93

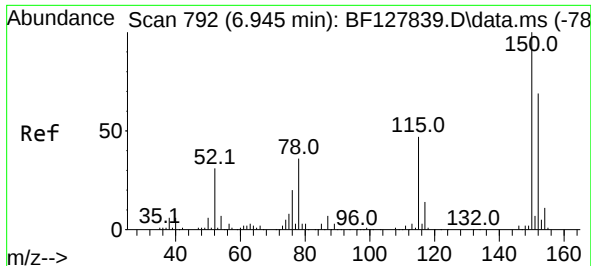
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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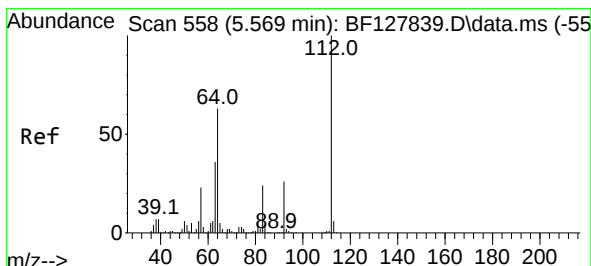
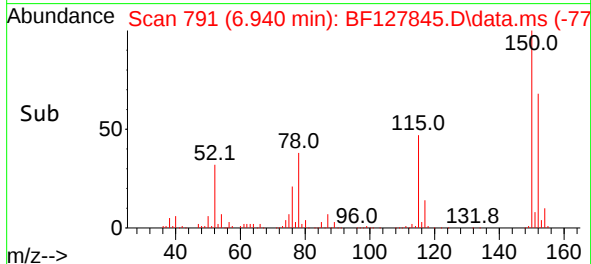
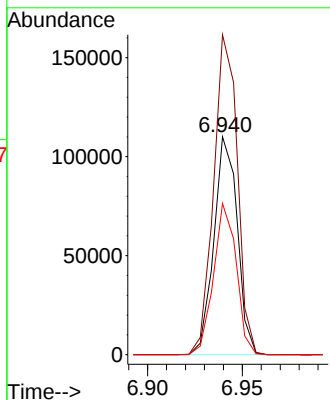
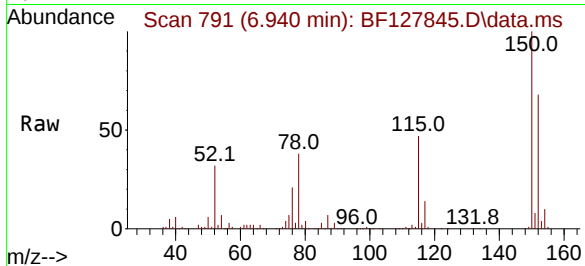




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.940 min Scan# 792
 Delta R.T. -0.005 min
 Lab File: BF127845.D
 Acq: 19 Apr 2022 17:17

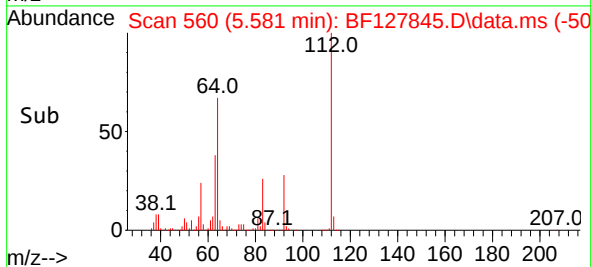
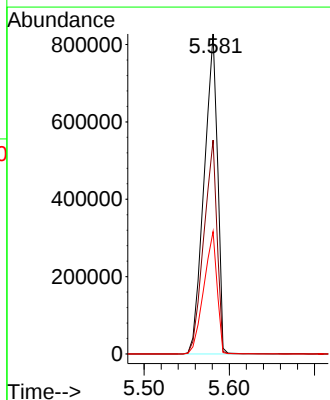
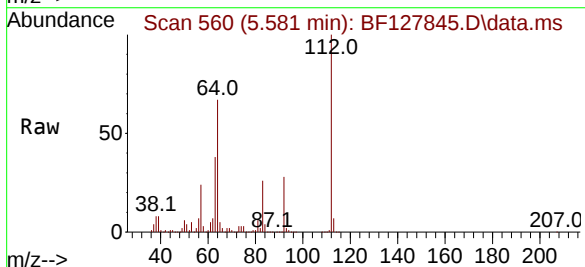
Instrument :
 BNA_F
 ClientSampleId :
 PB144218BL

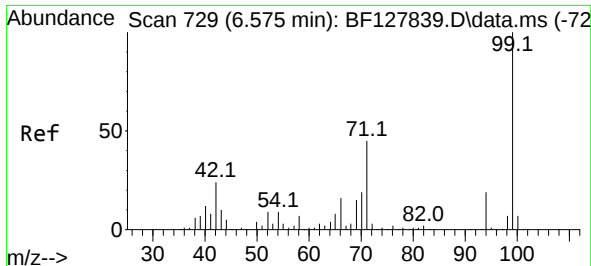
Tgt Ion:152 Resp: 94608
 Ion Ratio Lower Upper
 152 100
 150 146.8 117.2 175.8
 115 69.4 49.8 74.6



#5
 2-Fluorophenol
 Concen: 150.851 ng
 RT: 5.581 min Scan# 560
 Delta R.T. 0.012 min
 Lab File: BF127845.D
 Acq: 19 Apr 2022 17:17

Tgt Ion:112 Resp: 910988
 Ion Ratio Lower Upper
 112 100
 64 66.8 58.4 87.6
 63 38.2 30.1 45.1

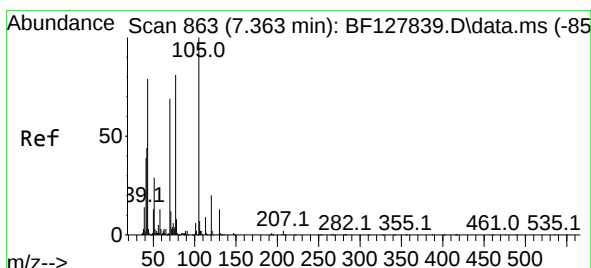
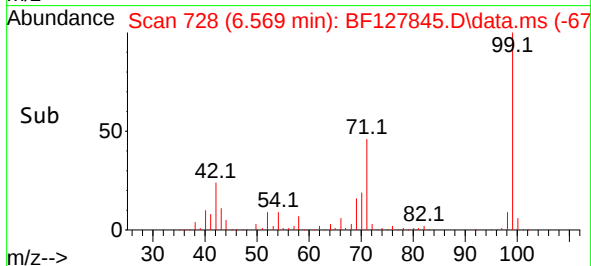
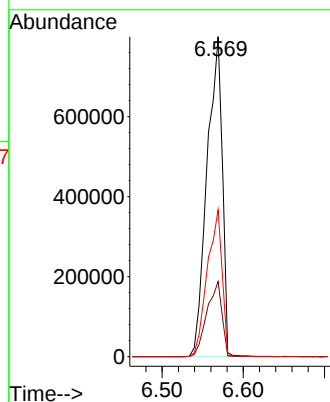
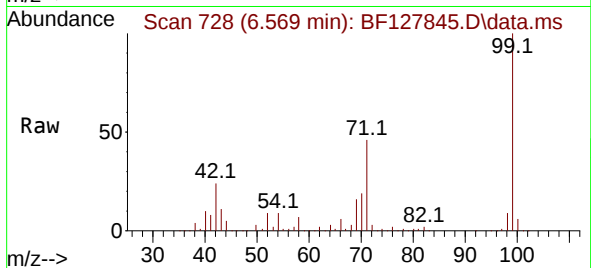




#7
Phenol-d6
Concen: 138.033 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

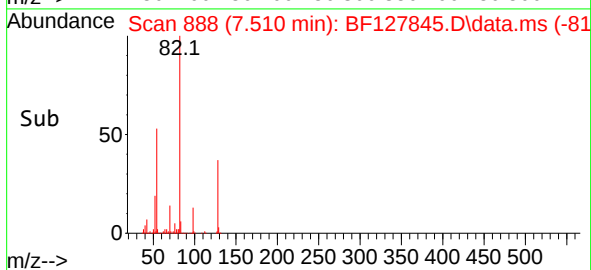
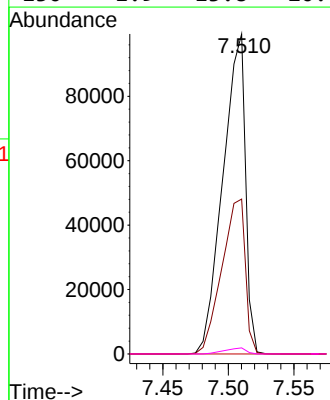
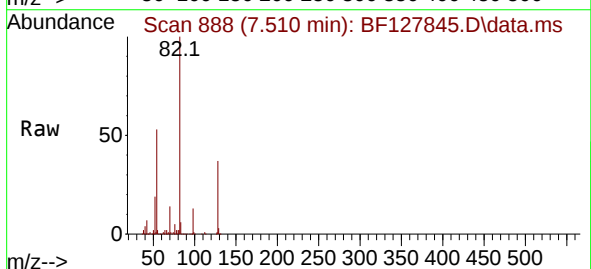
Instrument :
BNA_F
ClientSampleId :
PB144218BL

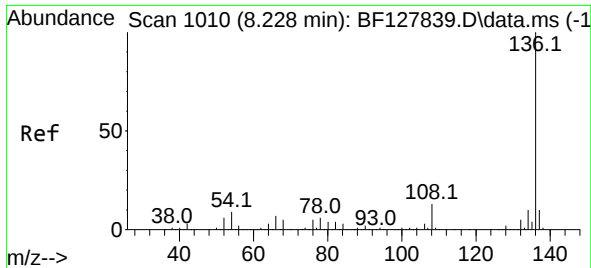
Tgt Ion: 99 Resp: 1040954
Ion Ratio Lower Upper
99 100
42 23.5 17.8 26.6
71 45.8 29.6 44.4#



#19
n-Nitroso-di-n-propylamine
Concen: 22.889 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 70 Resp: 118483
Ion Ratio Lower Upper
70 100
42 48.4 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#

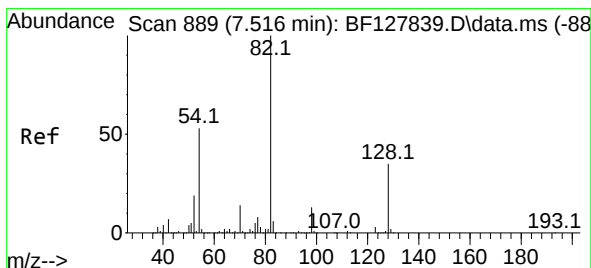
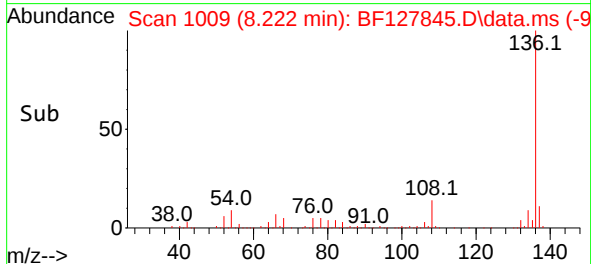
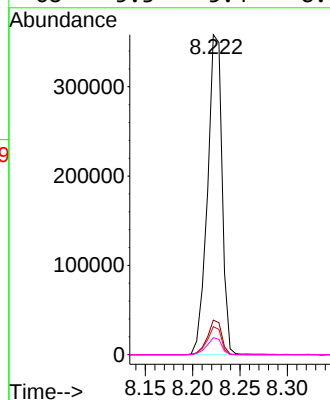
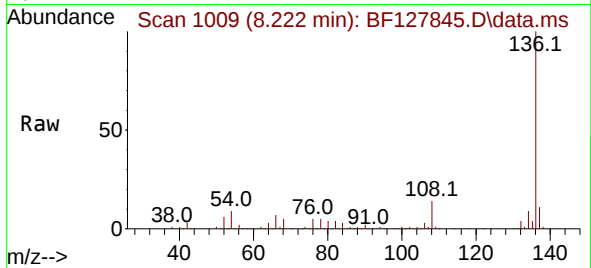




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

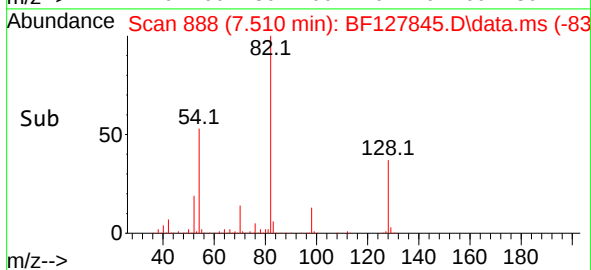
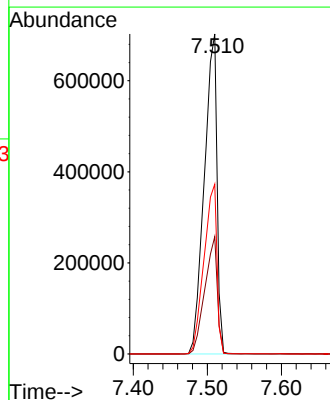
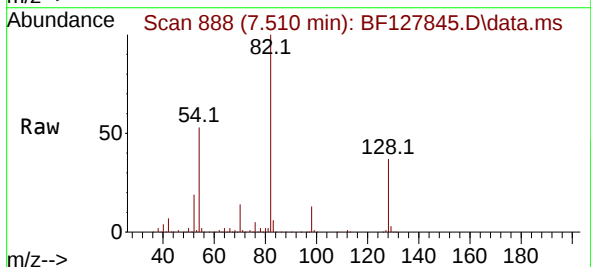
Instrument :
BNA_F
ClientSampleId :
PB144218BL

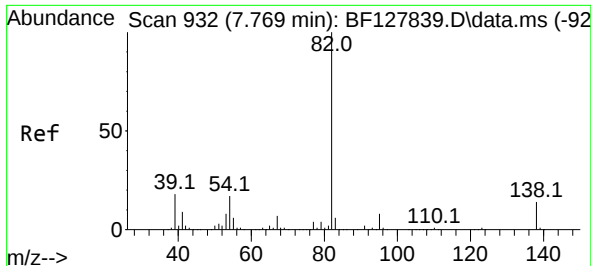
Tgt Ion:136	Resp:	383037
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	8.7	9.2 13.8#
68	5.3	5.4 8.0#



#23
Nitrobenzene-d5
Concen: 101.760 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 82	Resp:	840455
Ion	Ratio	Lower Upper
82	100	
128	36.6	30.6 45.8
54	53.1	48.2 72.2

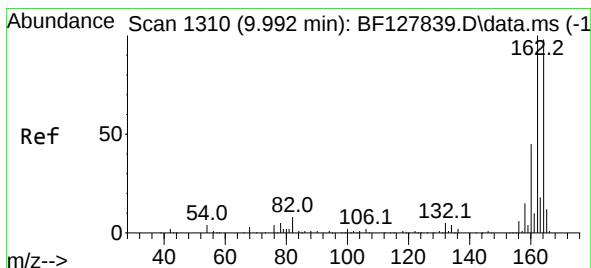
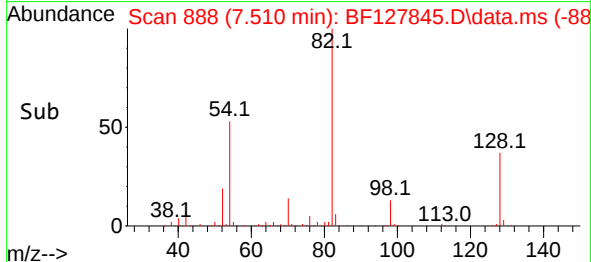
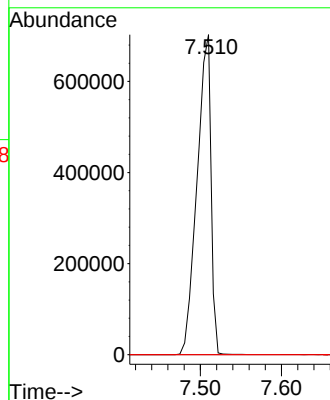
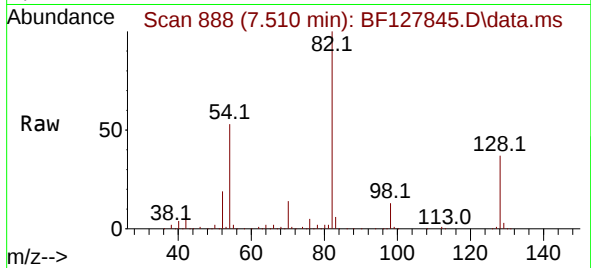




#25
Isophorone
Concen: 60.323 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

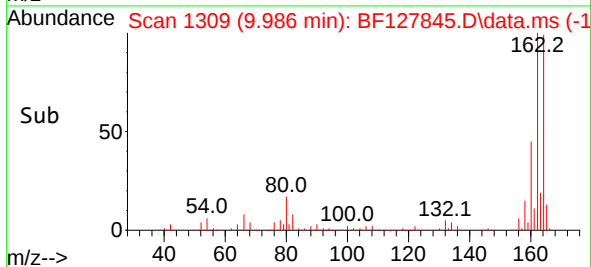
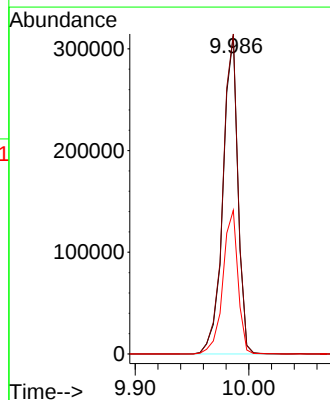
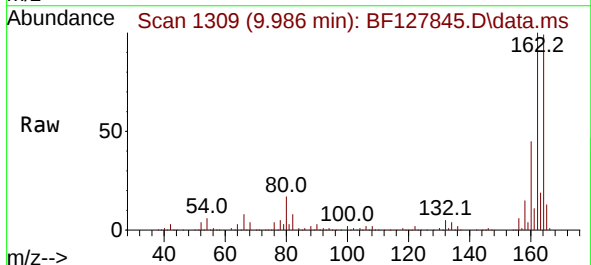
Instrument :
BNA_F
ClientSampleId :
PB144218BL

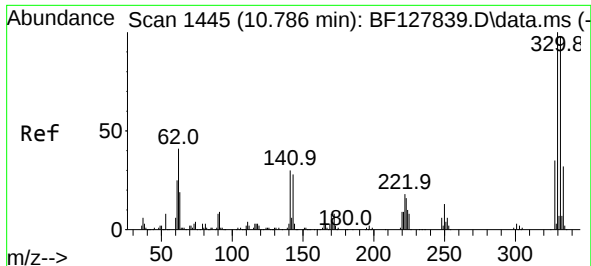
Tgt Ion: 82 Resp: 838281
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 164 Resp: 286099
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 45.1 34.6 52.0

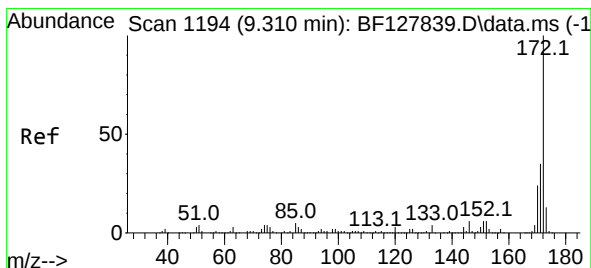
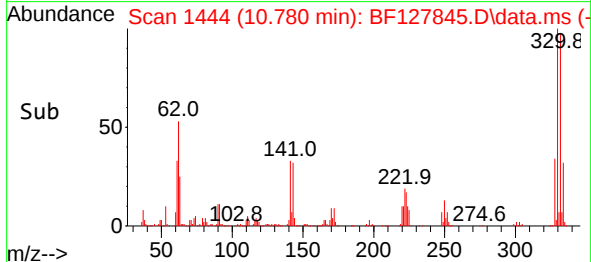
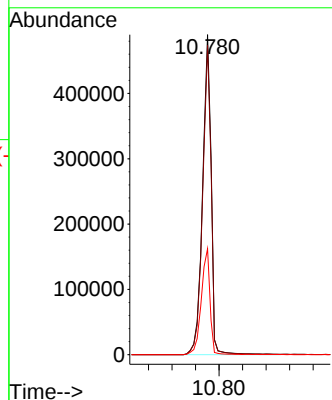
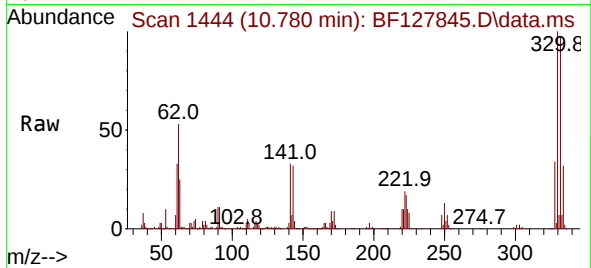




#42
2,4,6-Tribromophenol
Concen: 142.292 ng
RT: 10.780 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

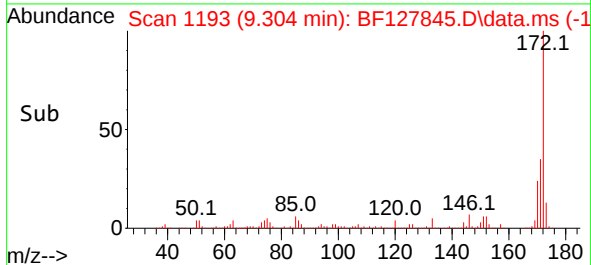
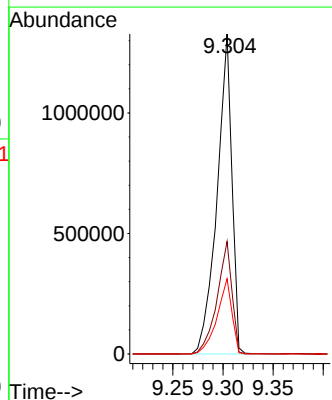
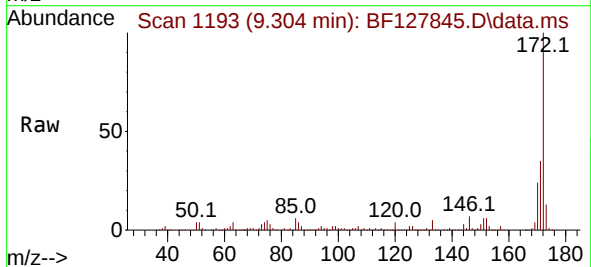
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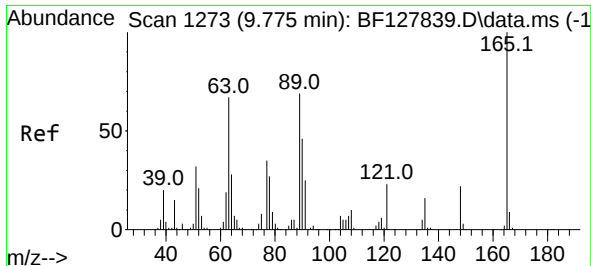
Tgt Ion: 330 Resp: 495915
Ion Ratio Lower Upper
330 100
332 96.1 79.1 118.7
141 33.6 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 62.390 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

Tgt Ion: 172 Resp: 1366582
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 18.6 27.8

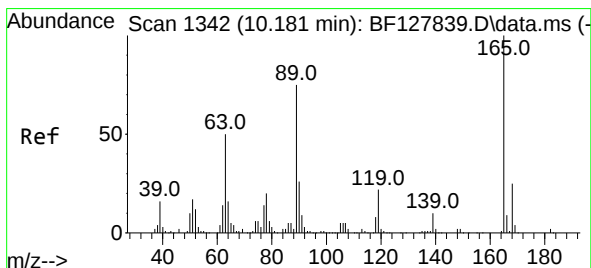
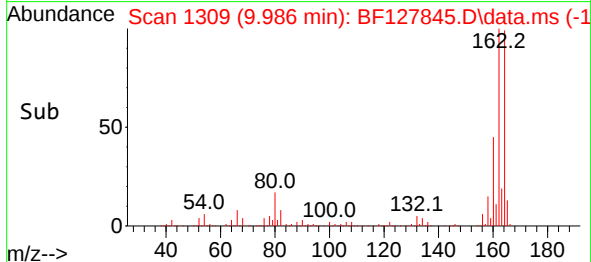
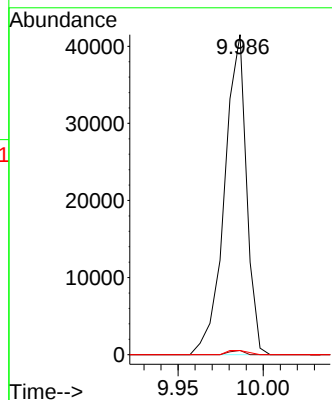
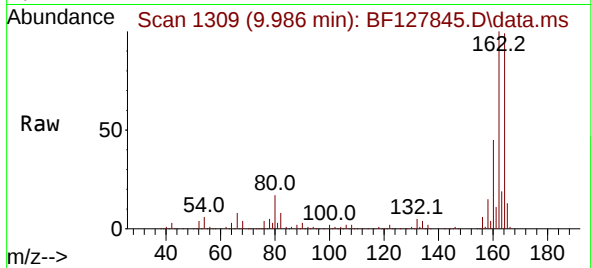




#51
2,6-Dinitrotoluene
Concen: 8.697 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

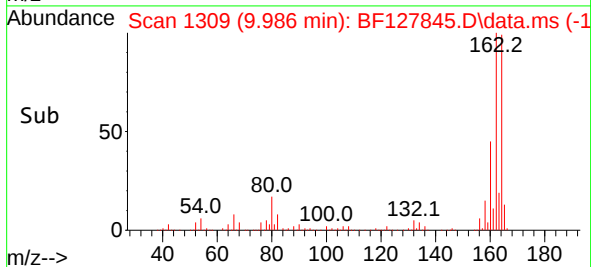
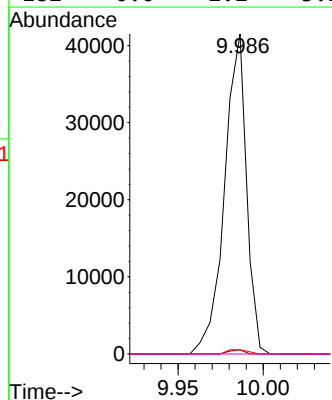
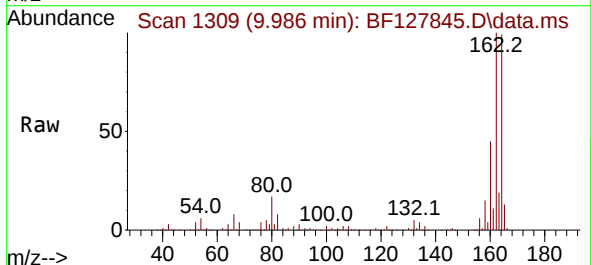
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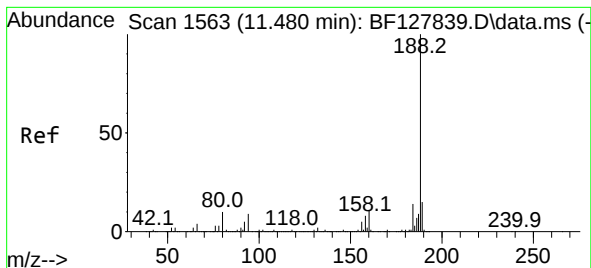
Tgt Ion:165 Resp: 37163
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.3 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 6.946 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.194 min
Lab File: BF127845.D
Acq: 19 Apr 2022 17:17

Tgt Ion:165 Resp: 37163
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127845.D

Acq: 19 Apr 2022 17:17

Instrument :

BNA_F

ClientSampleId :

PB144218BL

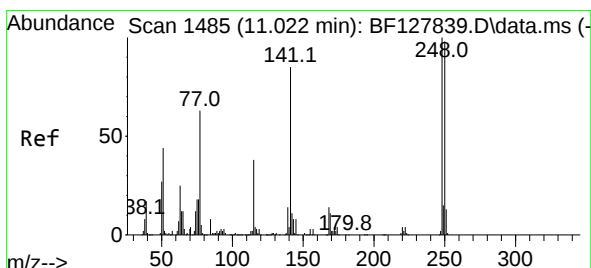
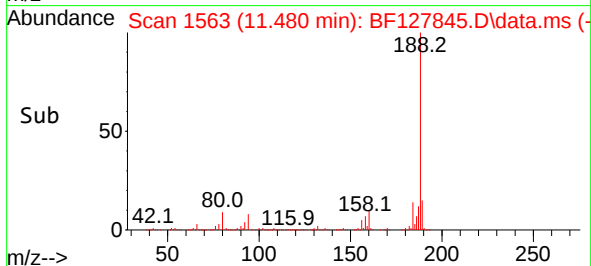
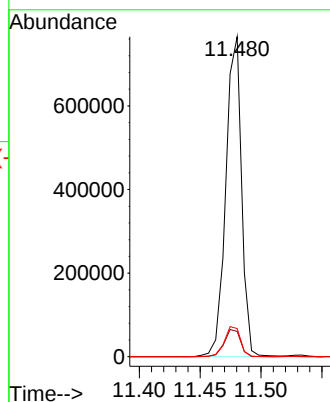
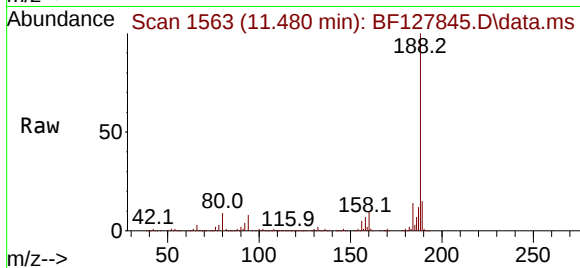
Tgt Ion:188 Resp: 691359

Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.0

80 8.8 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 3.472 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.241 min

Lab File: BF127845.D

Acq: 19 Apr 2022 17:17

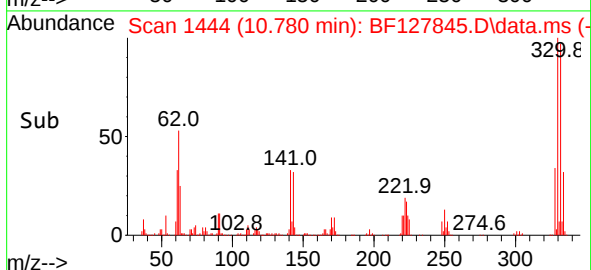
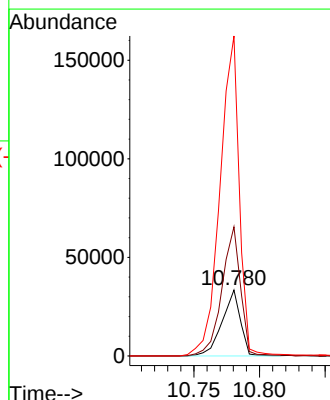
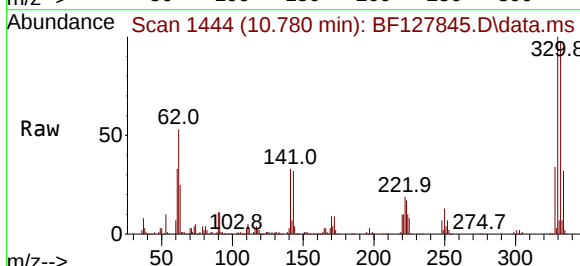
Tgt Ion:248 Resp: 32535

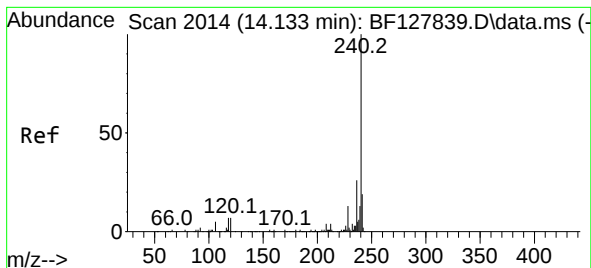
Ion Ratio Lower Upper

248 100

250 195.9 76.6 115.0#

141 485.4 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127845.D

Acq: 19 Apr 2022 17:17

Instrument :

BNA_F

ClientSampleId :

PB144218BL

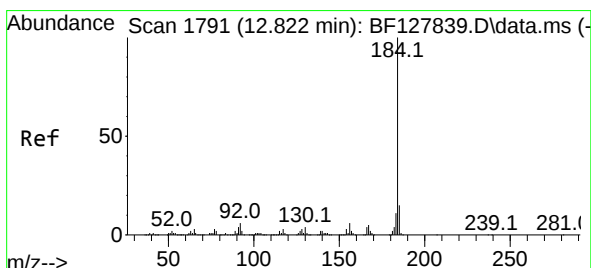
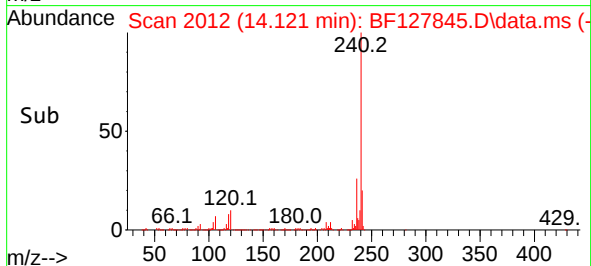
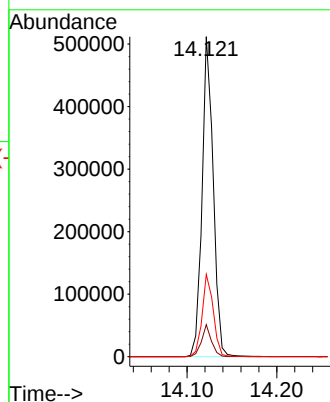
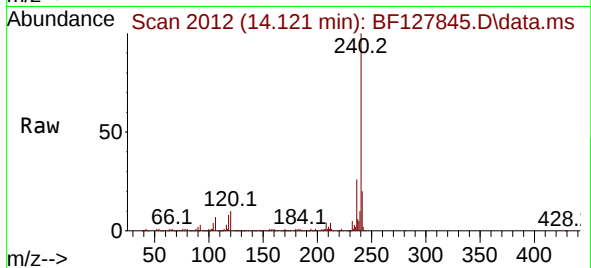
Tgt Ion:240 Resp: 441527

Ion Ratio Lower Upper

240 100

120 10.0 7.1 10.7

236 25.7 20.7 31.1



#77

Benzidine

Concen: 2.938 ng

RT: 13.074 min Scan# 1834

Delta R.T. 0.253 min

Lab File: BF127845.D

Acq: 19 Apr 2022 17:17

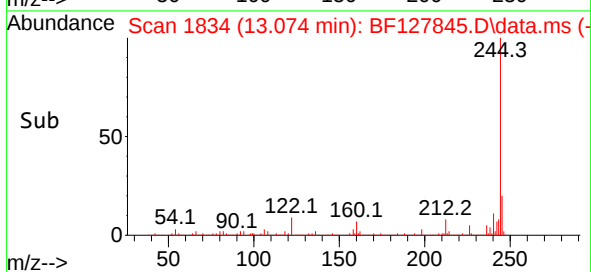
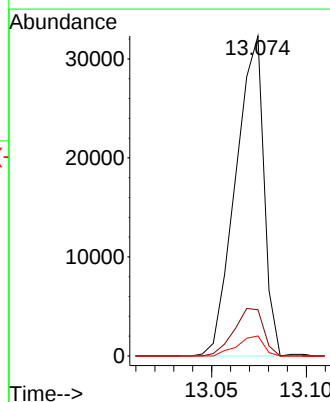
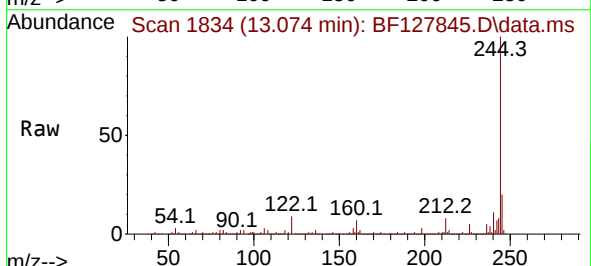
Tgt Ion:184 Resp: 33476

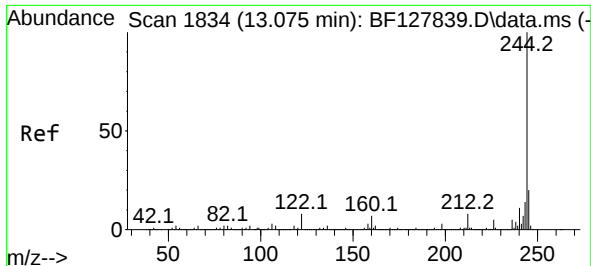
Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

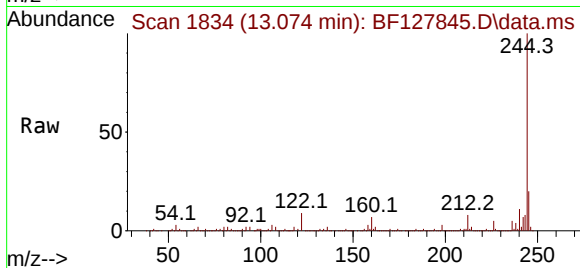
183 6.3 9.4 14.0#



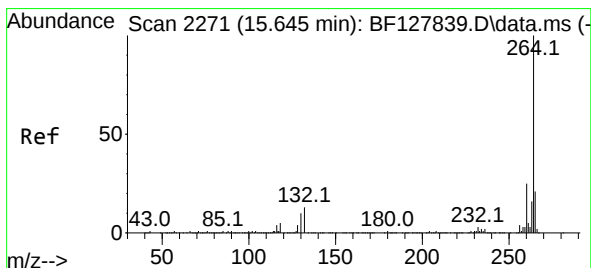
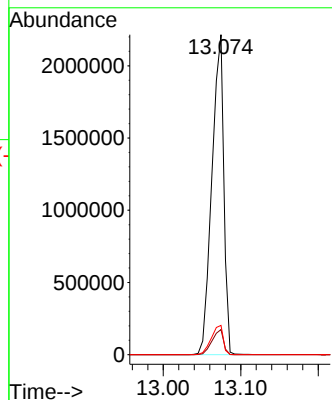
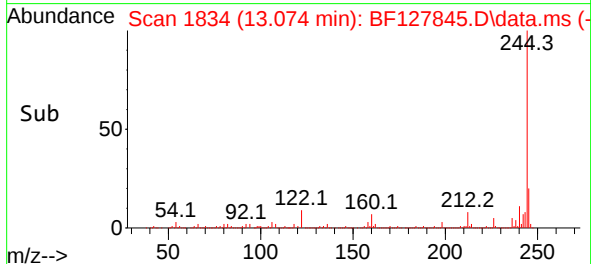


#79
 Terphenyl-d14
 Concen: 83.890 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BF127845.D
 Acq: 19 Apr 2022 17:17

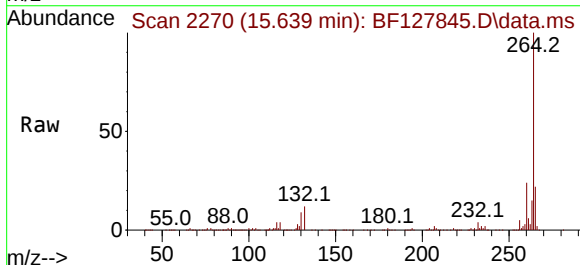
Instrument :
 BNA_F
 ClientSampleId :
 PB144218BL



Tgt Ion:244 Resp: 2359758
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 9.1 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF127845.D
 Acq: 19 Apr 2022 17:17



Tgt Ion:264 Resp: 213175
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.6 17.4 26.2

