

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127697.D
 Acq On : 07 Apr 2022 21:56
 Operator : CG\JU
 Sample : N2337-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A13145

Quant Time: Apr 08 04:46:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

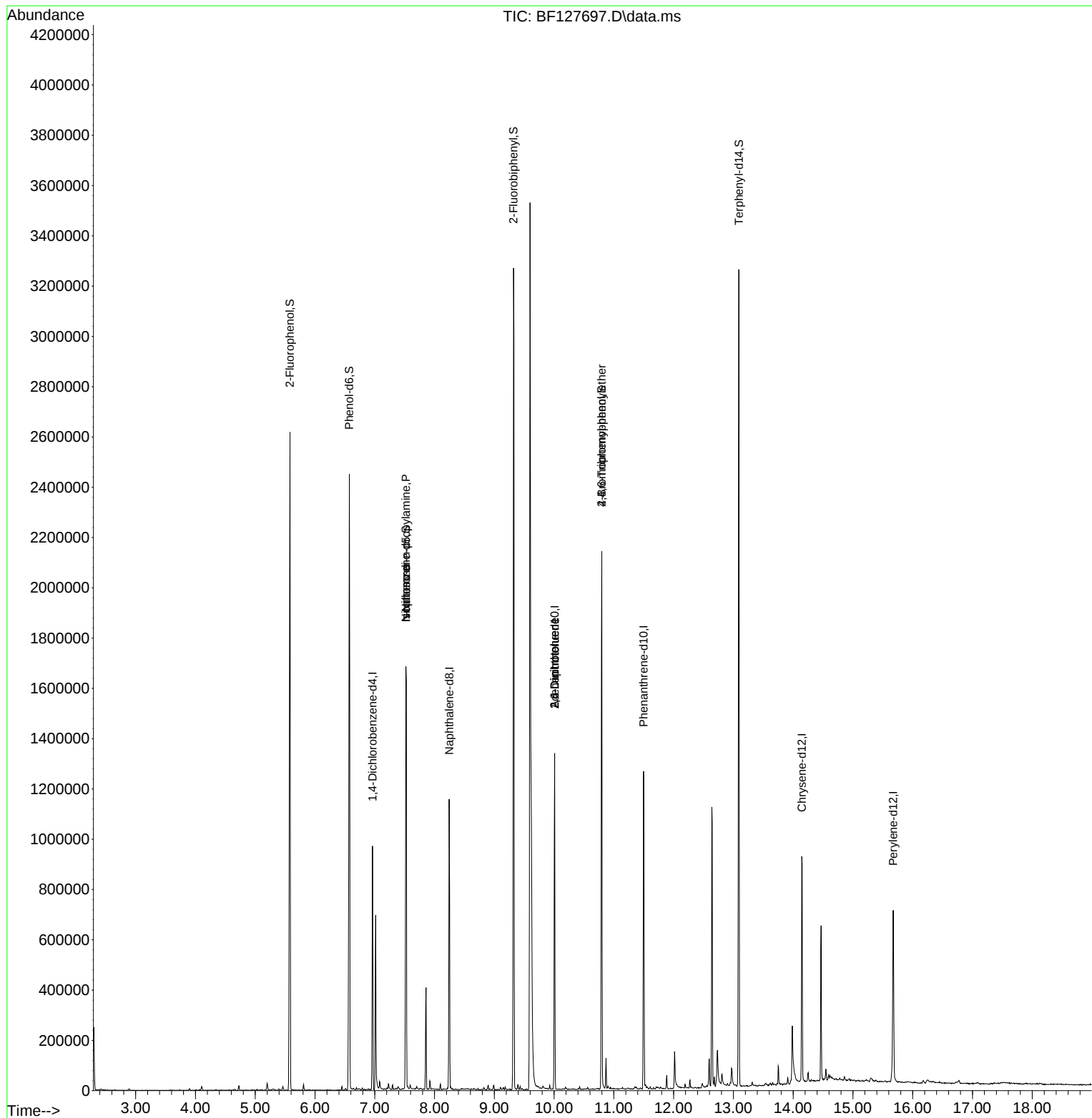
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122973	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	450902	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	258008	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	453613	20.000	ng	0.00
76) Chrysene-d12	14.145	240	330204	20.000	ng	-0.01
86) Perylene-d12	15.674	264	321902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	638581	84.379	ng	0.00
7) Phenol-d6	6.575	99	822477	83.074	ng	0.00
23) Nitrobenzene-d5	7.522	82	589305	58.265	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	242156	88.198	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1050459	57.597	ng	0.00
79) Terphenyl-d14	13.092	244	1073964	53.685	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	1249	Below Cal		95
19) n-Nitroso-di-n-propyla...	7.522	70	82552	12.892 ng	#	76
25) Isophorone	7.522	82	589297	33.391 ng	#	70
51) 2,6-Dinitrotoluene	10.010	165	33141	9.401 ng	#	17
57) 2,4-Dinitrotoluene	10.010	165	33141	7.583 ng	#	14
67) 4-Bromophenyl-phenylether	10.798	248	15688	2.850 ng	#	1

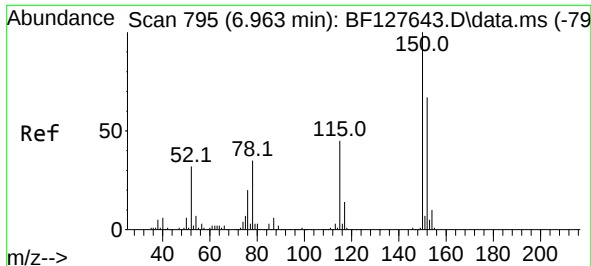
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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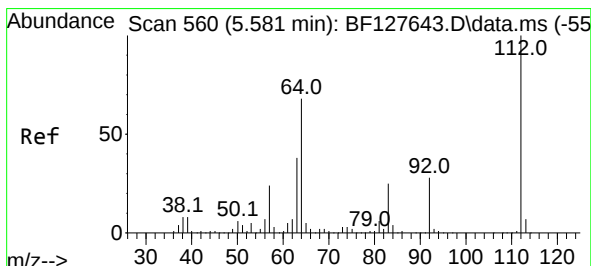
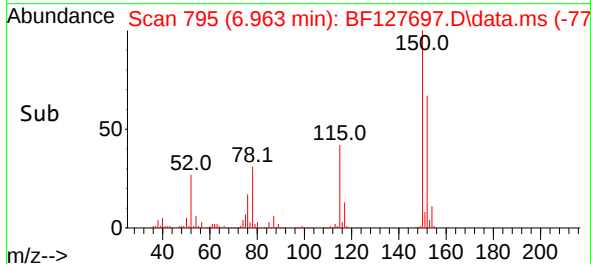
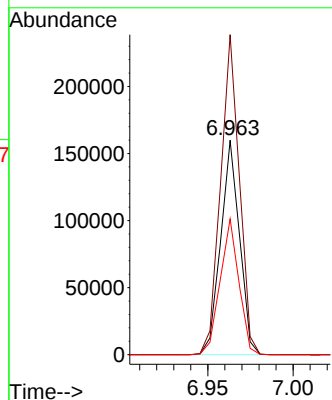
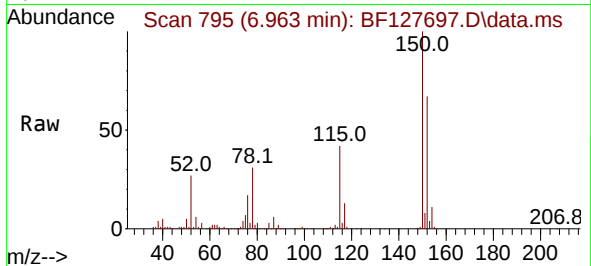




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

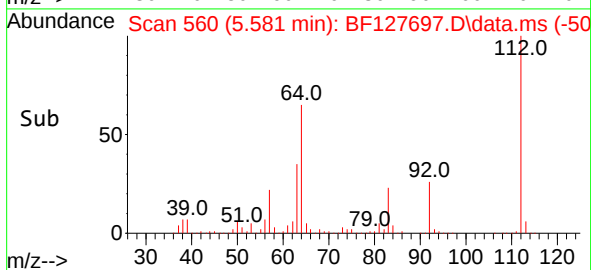
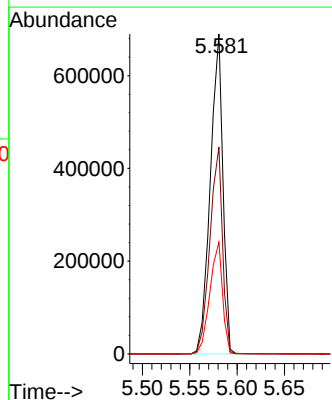
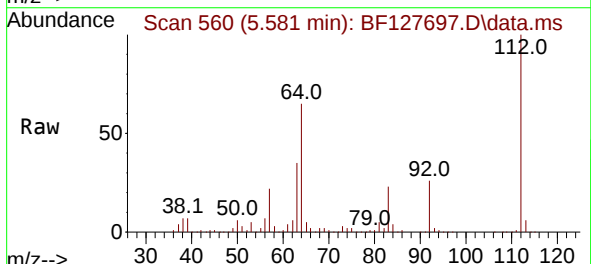
Instrument :
BNA_F
ClientSampleId :
A13145

Tgt Ion:152 Resp: 122973
Ion Ratio Lower Upper
152 100
150 149.3 117.2 175.8
115 63.4 49.8 74.6



#5
2-Fluorophenol
Concen: 84.379 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

Tgt Ion:112 Resp: 638581
Ion Ratio Lower Upper
112 100
64 64.7 58.4 87.6
63 34.9 30.1 45.1





#7

Phenol-d6

Concen: 83.074 ng

RT: 6.575 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF127697.D

Acq: 07 Apr 2022 21:56

Instrument :

BNA_F

ClientSampleId :

A13145

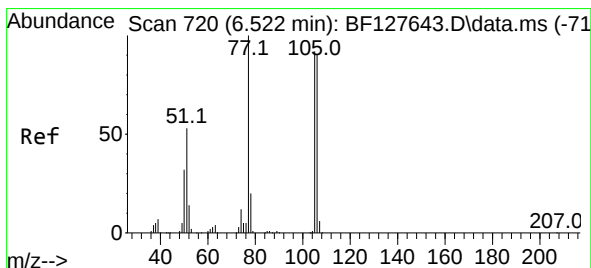
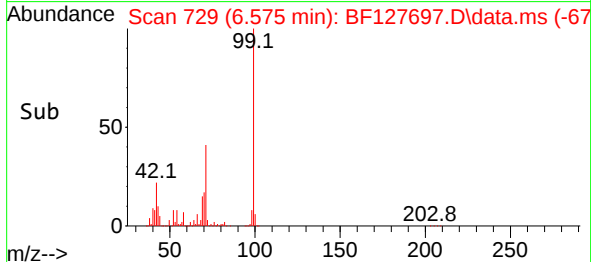
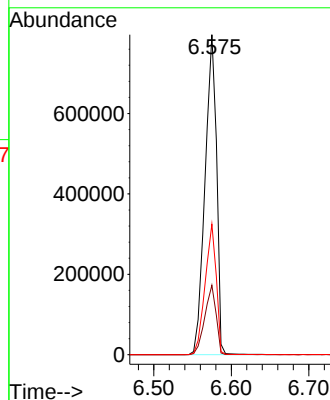
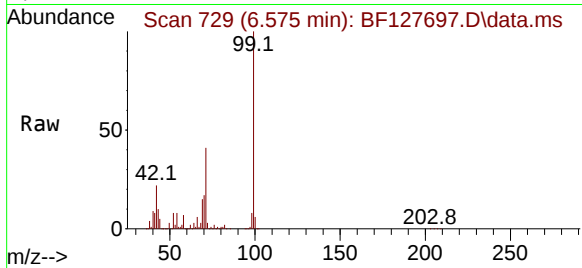
Tgt Ion: 99 Resp: 822477

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

71 40.8 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF127697.D

Acq: 07 Apr 2022 21:56

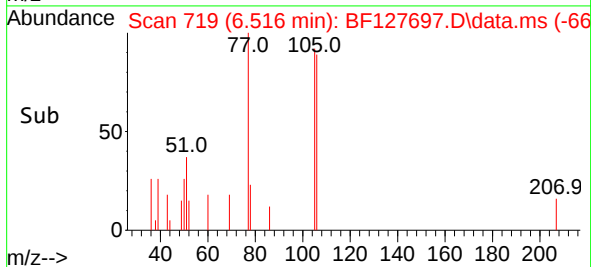
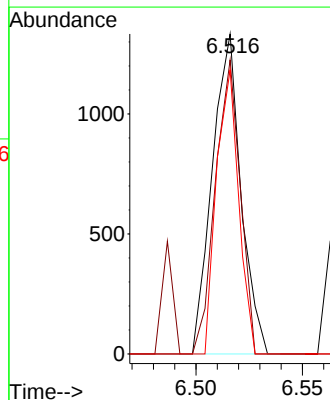
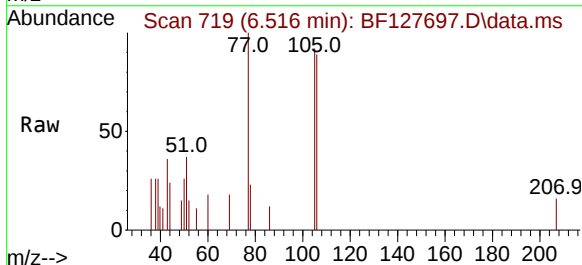
Tgt Ion: 77 Resp: 1249

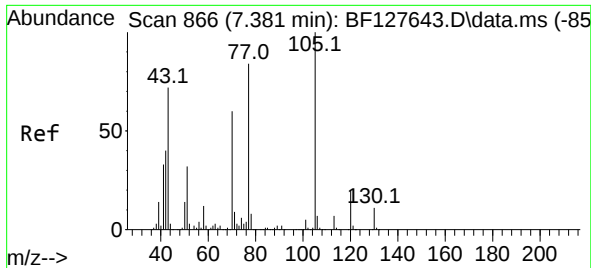
Ion Ratio Lower Upper

77 100

105 91.9 66.8 106.8

106 88.8 64.3 104.3

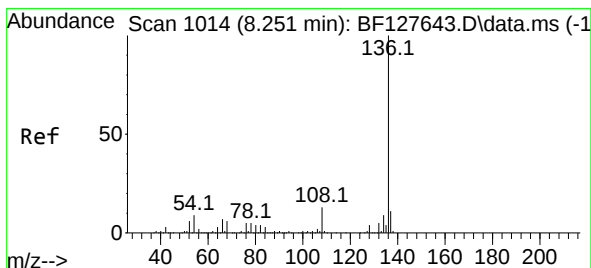
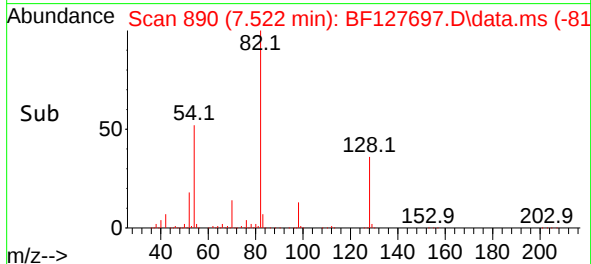
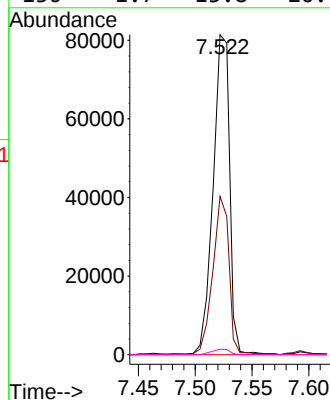
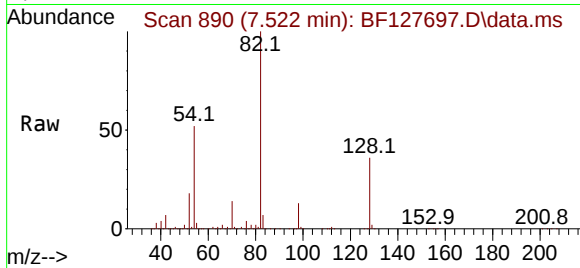




#19
n-Nitroso-di-n-propylamine
Concen: 12.892 ng
RT: 7.522 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

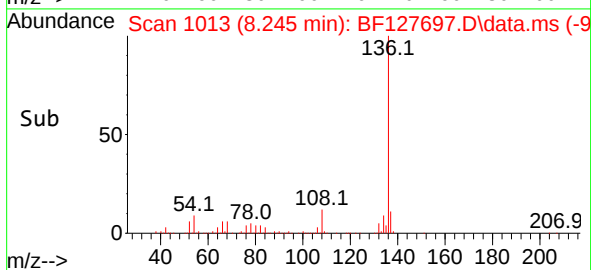
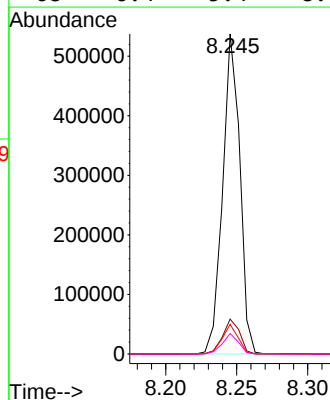
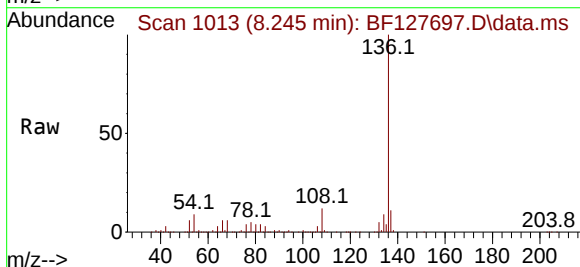
Instrument :
BNA_F
ClientSampleId :
A13145

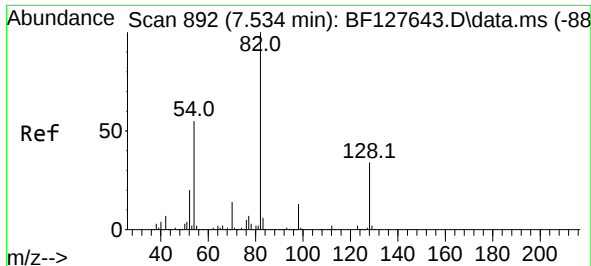
Tgt Ion: 70 Resp: 82552
Ion Ratio Lower Upper
70 100
42 49.5 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

Tgt Ion: 136 Resp: 450902
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 9.2 13.8
68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 58.265 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF127697.D

Acq: 07 Apr 2022 21:56

Instrument :

BNA_F

ClientSampleId :

A13145

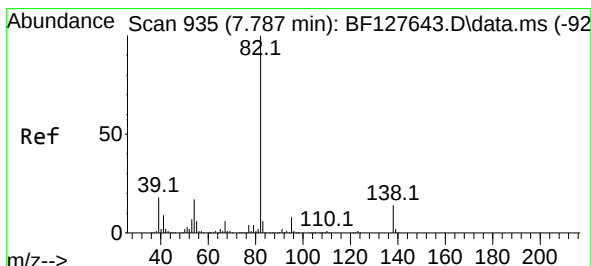
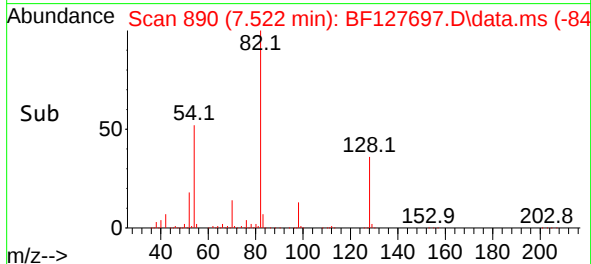
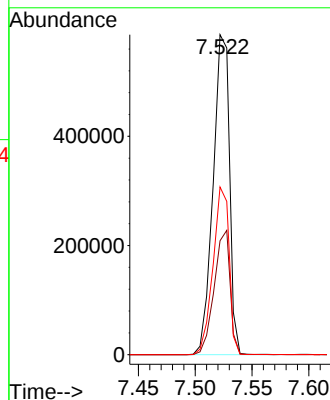
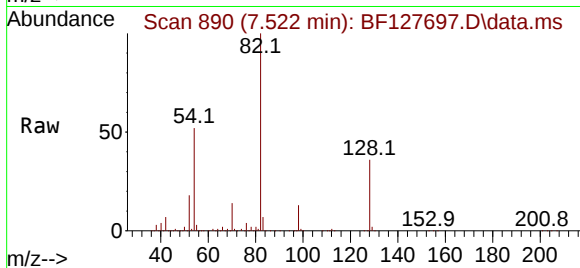
Tgt Ion: 82 Resp: 589305

Ion Ratio Lower Upper

82 100

128 35.6 30.6 45.8

54 52.4 48.2 72.2



#25

Isophorone

Concen: 33.391 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127697.D

Acq: 07 Apr 2022 21:56

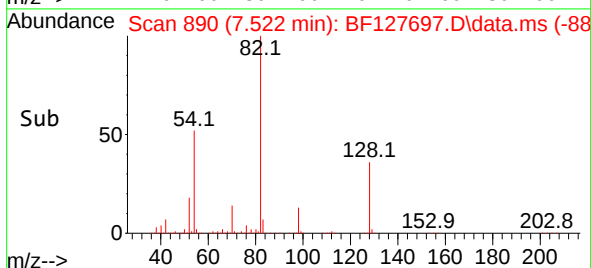
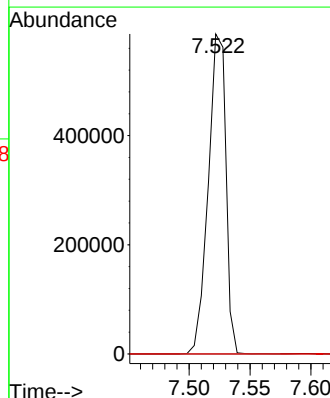
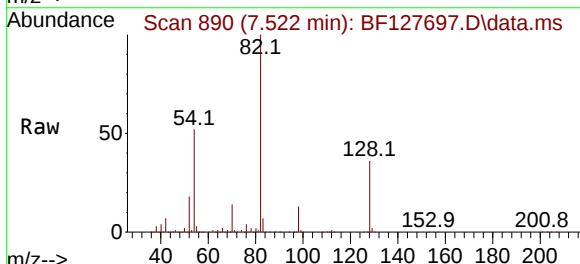
Tgt Ion: 82 Resp: 589297

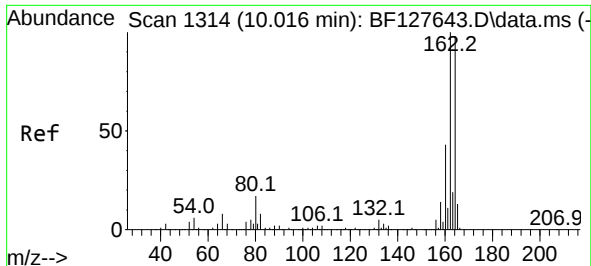
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

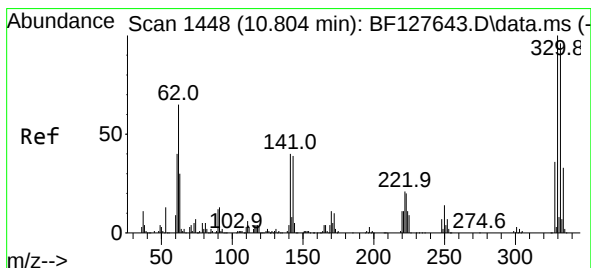
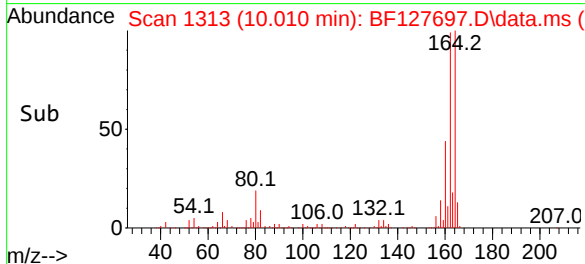
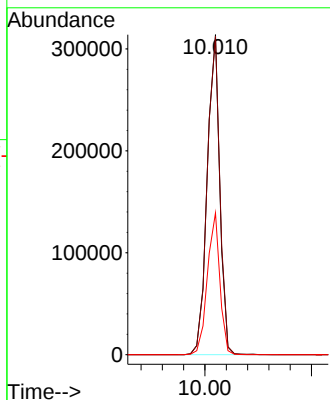
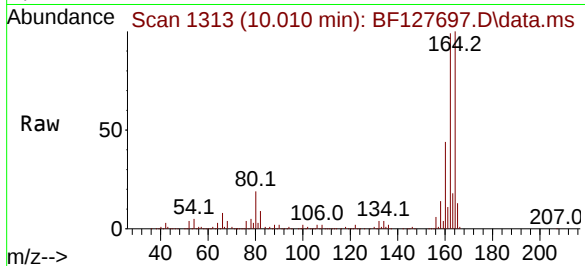




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

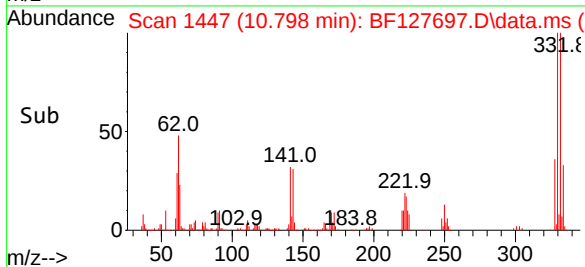
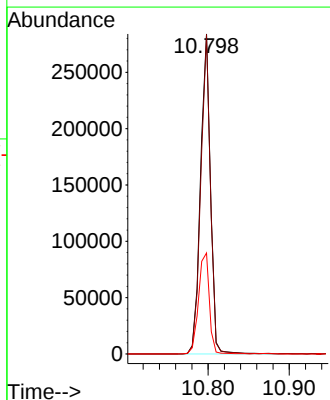
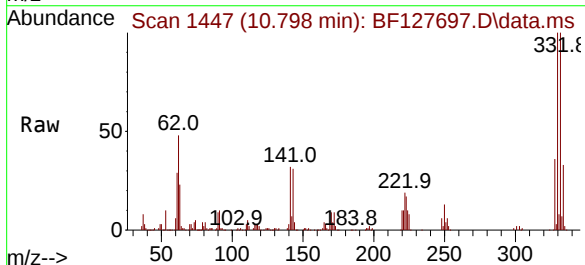
Instrument :
BNA_F
ClientSampleId :
A13145

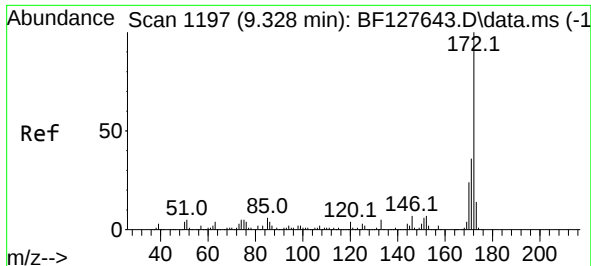
Tgt Ion:164 Resp: 258008
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 44.3 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 88.198 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

Tgt Ion:330 Resp: 242156
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 34.4 26.2 39.4

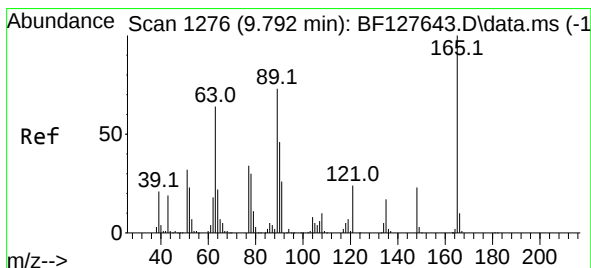
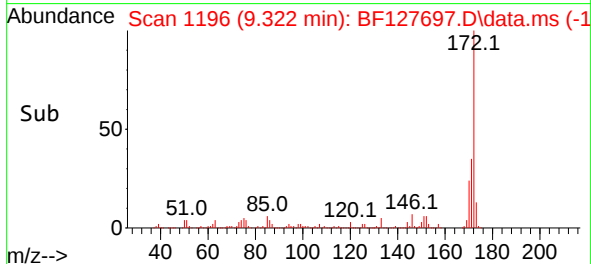
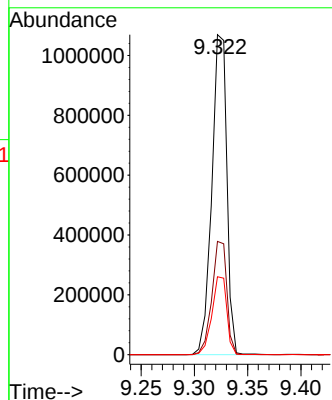
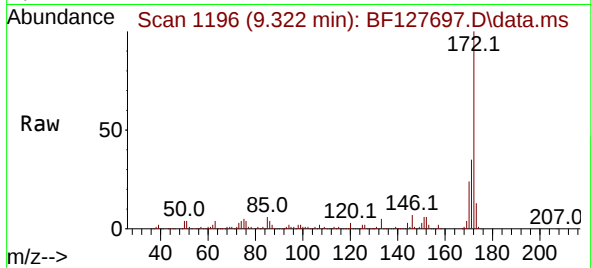




#45
2-Fluorobiphenyl
Concen: 57.597 ng
RT: 9.322 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

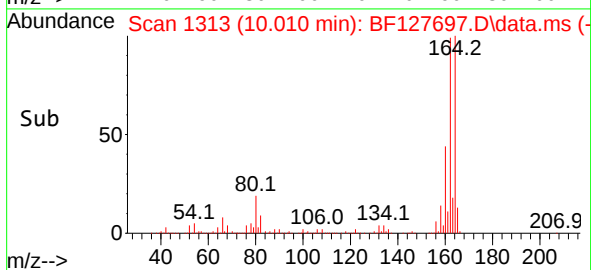
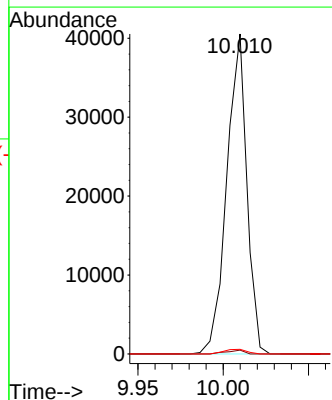
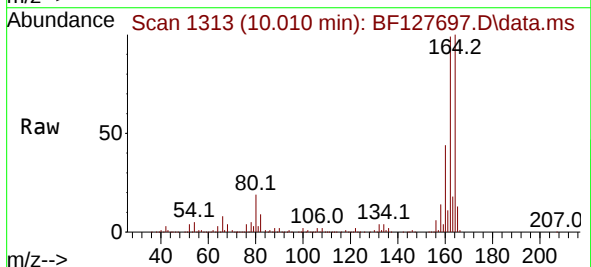
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BNA_F
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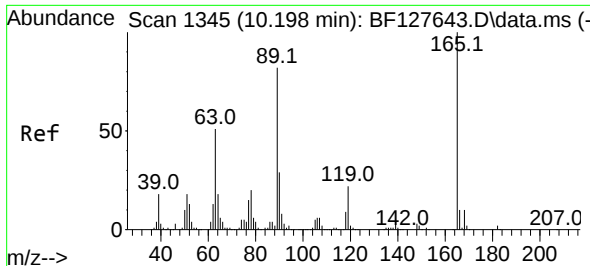
Tgt Ion:172 Resp: 1050459
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.401 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

Tgt Ion:165 Resp: 33141
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.4 51.5 77.3#

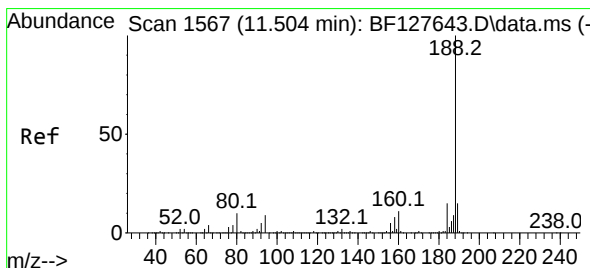
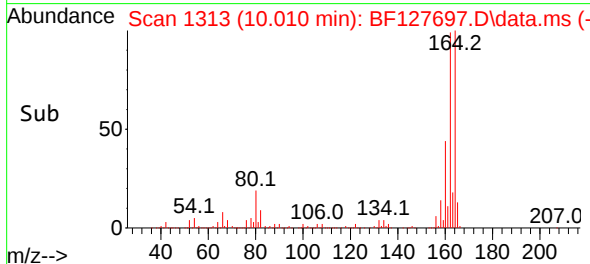
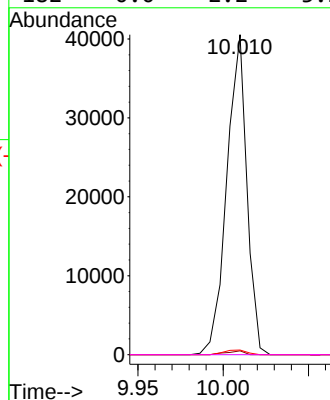
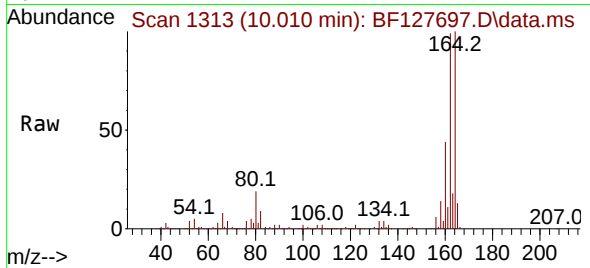




#57
2,4-Dinitrotoluene
Concen: 7.583 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

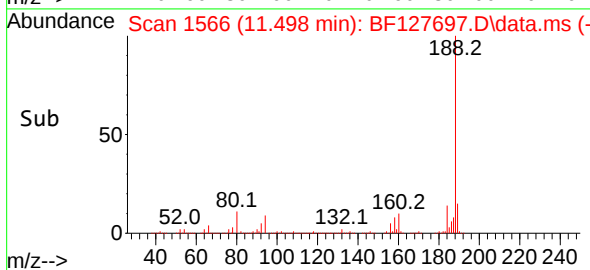
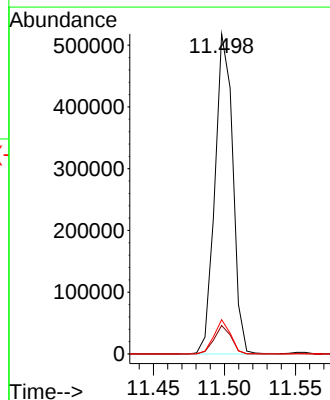
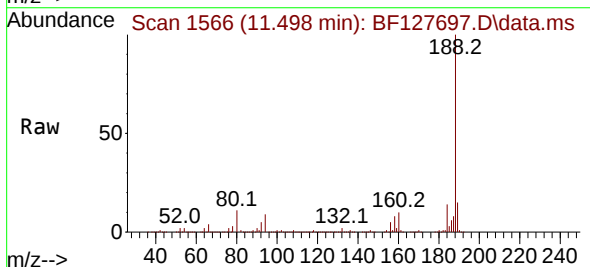
Instrument :
BNA_F
ClientSampleId :
A13145

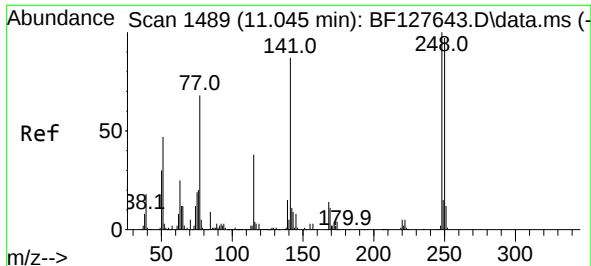
Tgt Ion:165 Resp: 33141
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

Tgt Ion:188 Resp: 453613
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 10.7 8.0 12.0

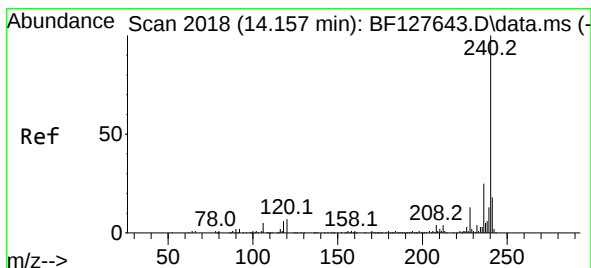
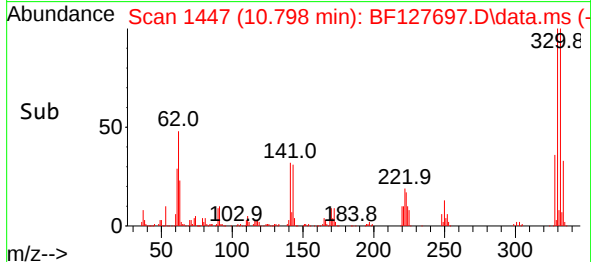
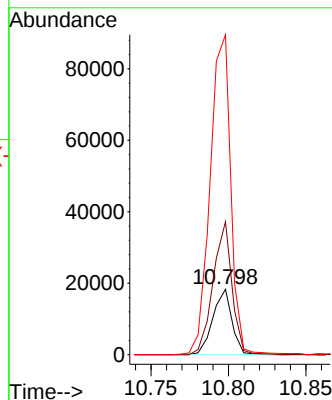
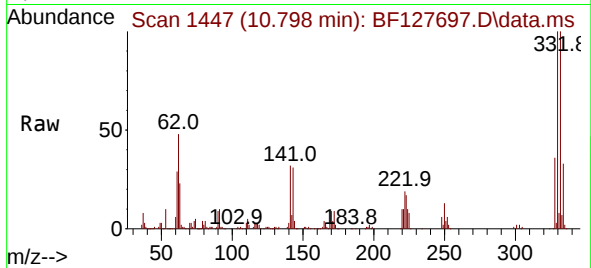




#67
4-Bromophenyl-phenylether
Concen: 2.850 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

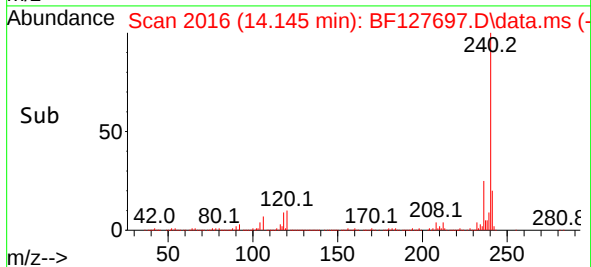
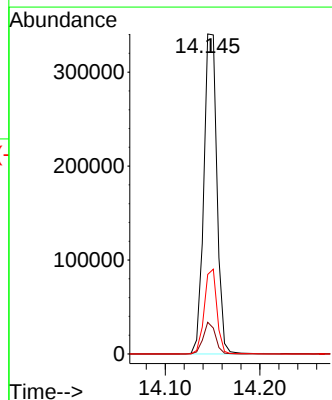
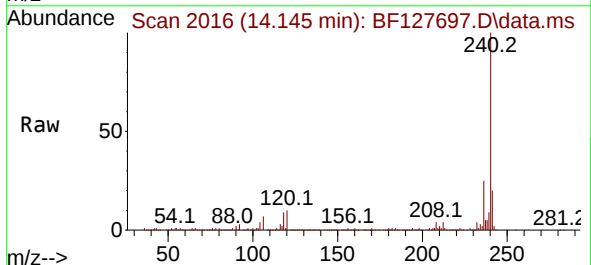
Instrument :
BNA_F
ClientSampleId :
A13145

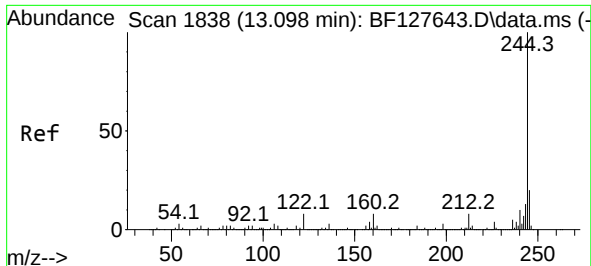
Tgt Ion:248 Resp: 15688
Ion Ratio Lower Upper
248 100
250 203.0 76.6 115.0#
141 488.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127697.D
Acq: 07 Apr 2022 21:56

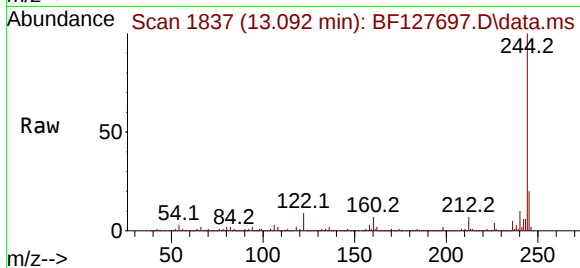
Tgt Ion:240 Resp: 330204
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 24.9 20.7 31.1



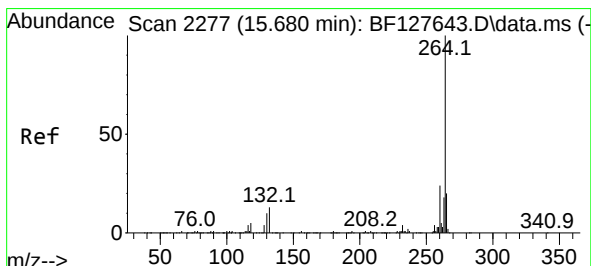
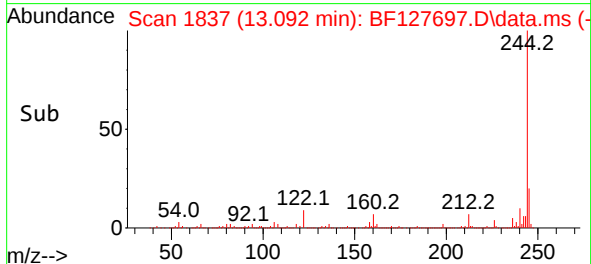
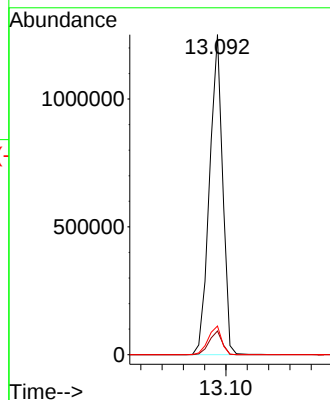


#79
 Terphenyl-d14
 Concen: 53.685 ng
 RT: 13.092 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF127697.D
 Acq: 07 Apr 2022 21:56

Instrument :
 BNA_F
 ClientSampleId :
 A13145



Tgt Ion:244 Resp: 1073964
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 8.9 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127697.D
 Acq: 07 Apr 2022 21:56

Tgt Ion:264 Resp: 321902
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.6 17.4 26.2

