

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127710.D
 Acq On : 08 Apr 2022 13:32
 Operator : CG\JU
 Sample : N2317-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-B

Quant Time: Apr 11 02:21:22 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)

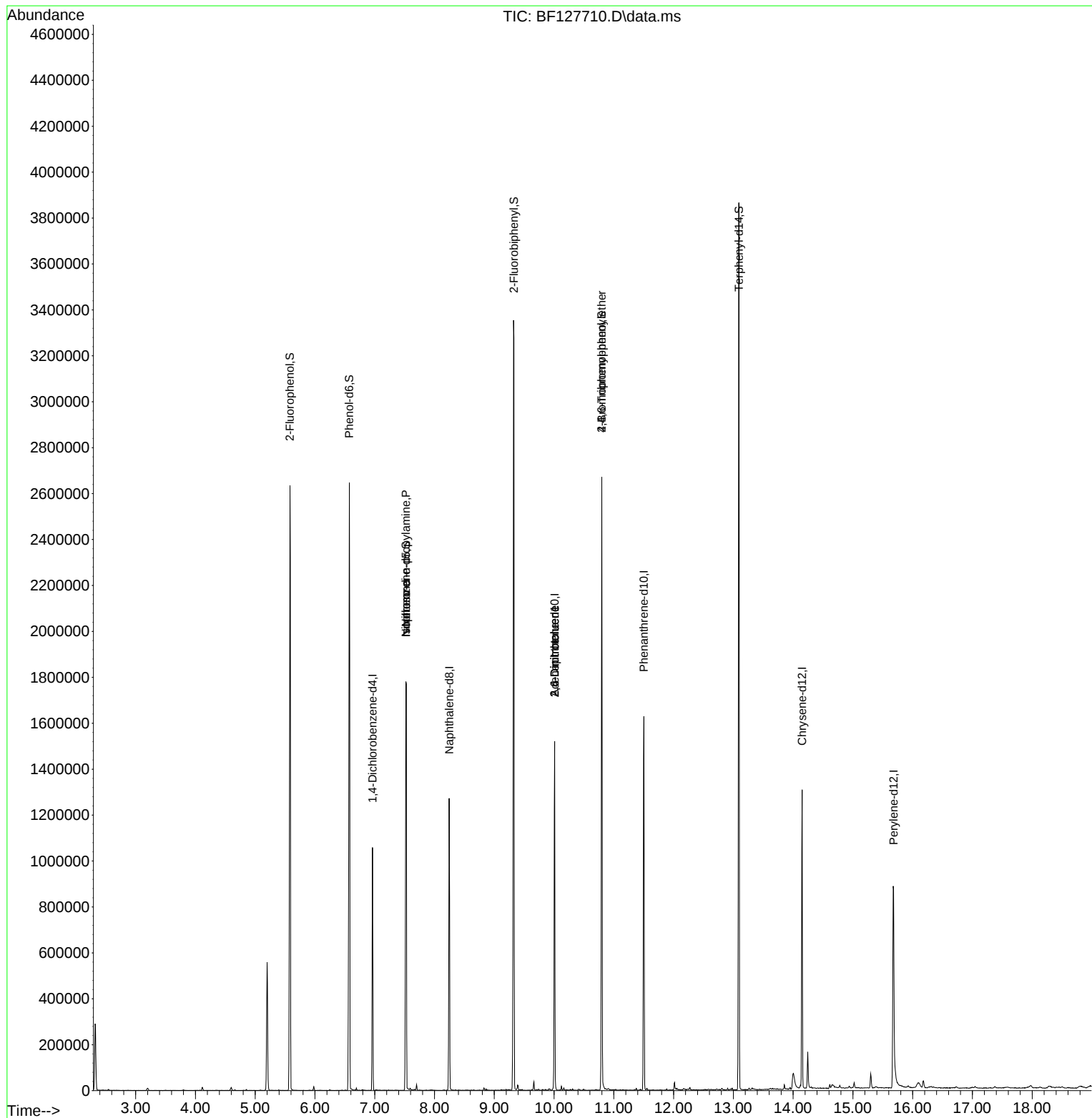
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	138637	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	526219	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	309824	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	592765	20.000	ng	0.00
76) Chrysene-d12	14.151	240	439590	20.000	ng	0.00
86) Perylene-d12	15.680	264	304666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	719492	84.329	ng	0.00
7) Phenol-d6	6.575	99	945558	84.715	ng	0.00
23) Nitrobenzene-d5	7.522	82	666341	56.452	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	307813	93.362	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1166498	53.263	ng	0.00
79) Terphenyl-d14	13.092	244	1336787	50.195	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	192	Below Cal	#	43
19) n-Nitroso-di-n-propyla...	7.522	70	89696	12.425	ng	# 76
25) Isophorone	7.522	82	666334	32.352	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	40751	9.627	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	40751	7.765	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	20598	2.863	ng	# 1

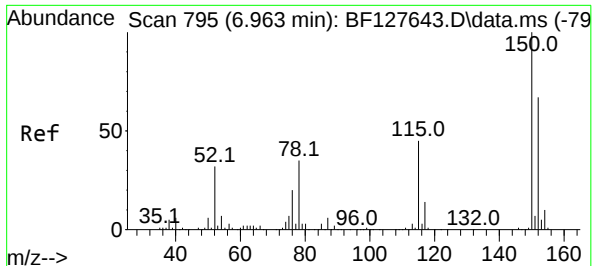
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127710.D
Acq On : 08 Apr 2022 13:32
Operator : CG\JU
Sample : N2317-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-B

Quant Time: Apr 11 02:21:22 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

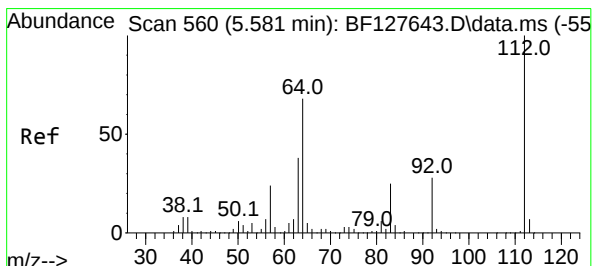
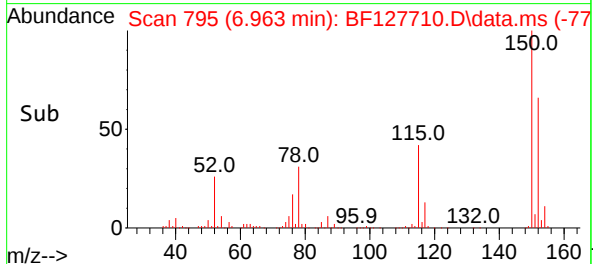
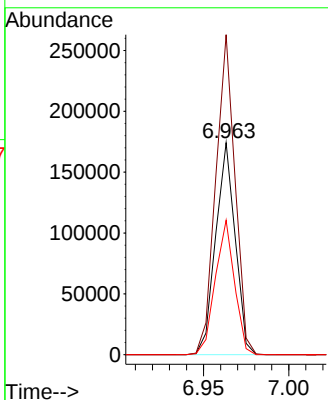
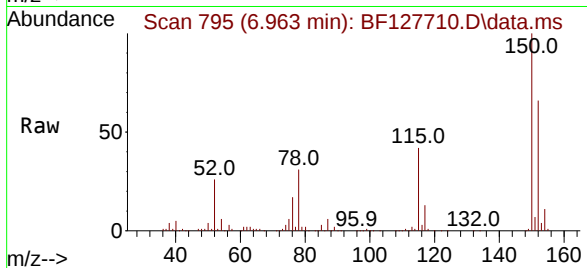




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127710.D
 Acq: 08 Apr 2022 13:32

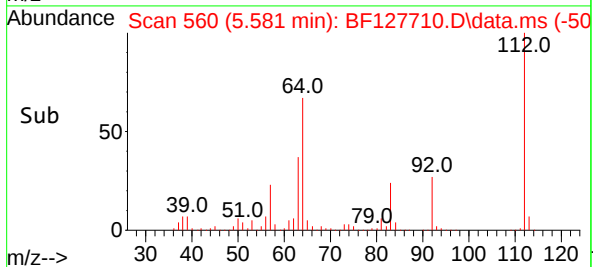
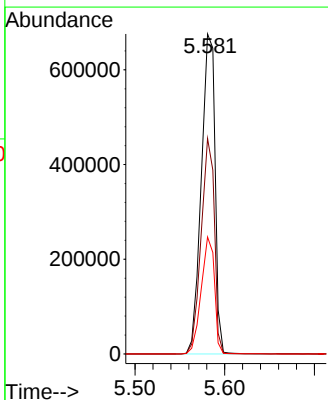
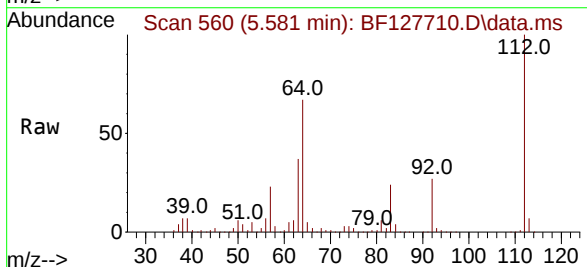
Instrument :
 BNA_F
 ClientSampleId :
 TP1-B

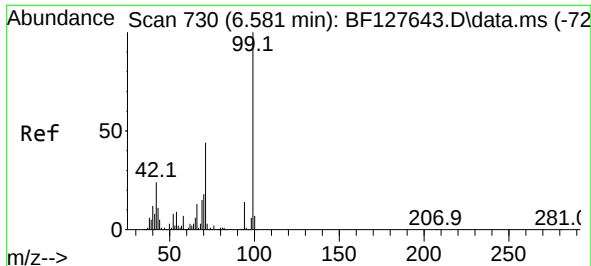
Tgt Ion:152 Resp: 138637
 Ion Ratio Lower Upper
 152 100
 150 150.9 117.2 175.8
 115 63.4 49.8 74.6



#5
 2-Fluorophenol
 Concen: 84.329 ng
 RT: 5.581 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: BF127710.D
 Acq: 08 Apr 2022 13:32

Tgt Ion:112 Resp: 719492
 Ion Ratio Lower Upper
 112 100
 64 67.3 58.4 87.6
 63 36.6 30.1 45.1

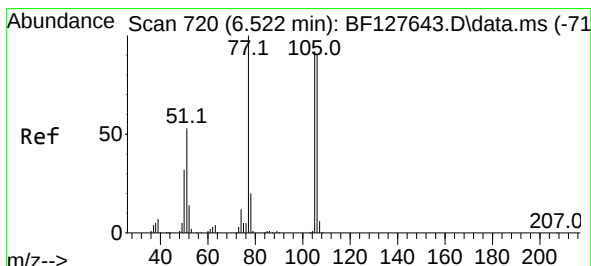
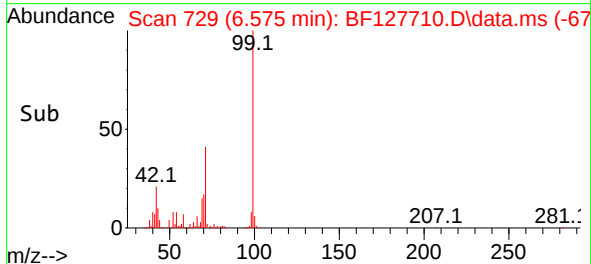
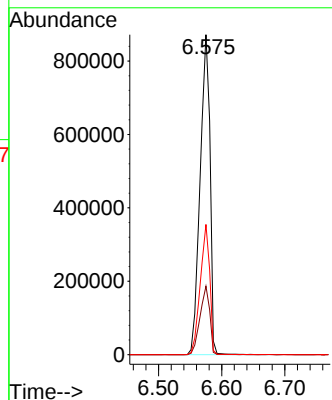
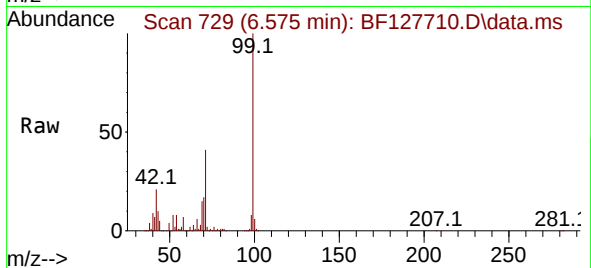




#7
Phenol-d6
Concen: 84.715 ng
RT: 6.575 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

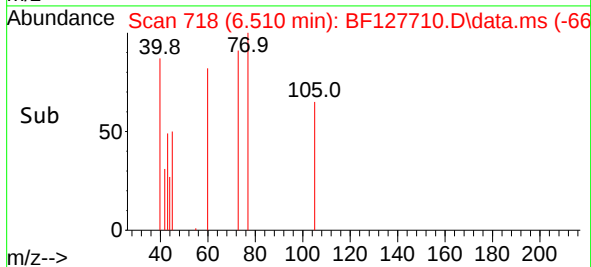
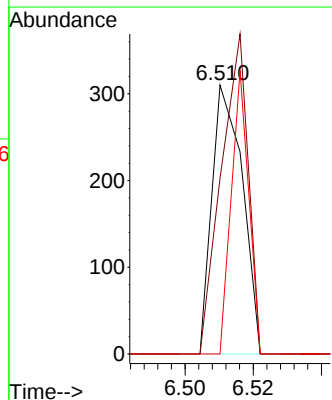
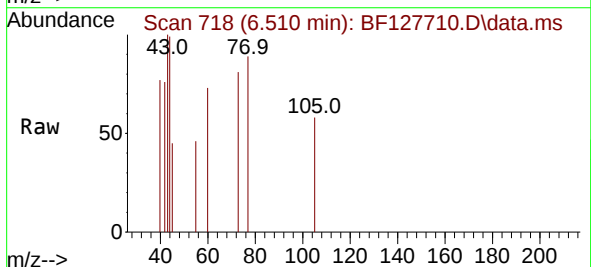
Instrument :
BNA_F
ClientSampleId :
TP1-B

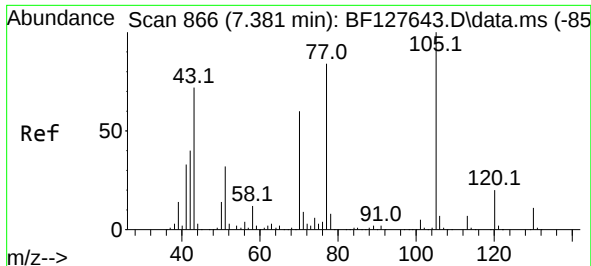
Tgt Ion: 99 Resp: 945558
Ion Ratio Lower Upper
99 100
42 21.4 17.8 26.6
71 40.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

Tgt Ion: 77 Resp: 192
Ion Ratio Lower Upper
77 100
105 65.5 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 12.425 ng

RT: 7.522 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF127710.D

Acq: 08 Apr 2022 13:32

Instrument :

BNA_F

ClientSampleId :

TP1-B

Tgt Ion: 70 Resp: 89696

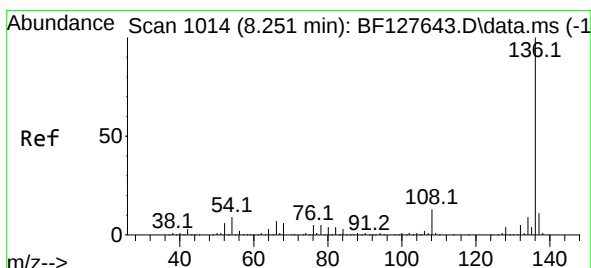
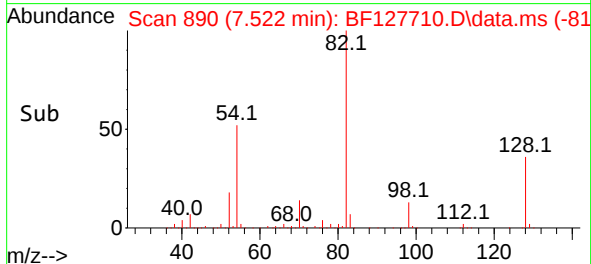
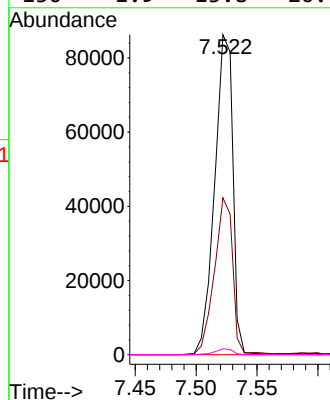
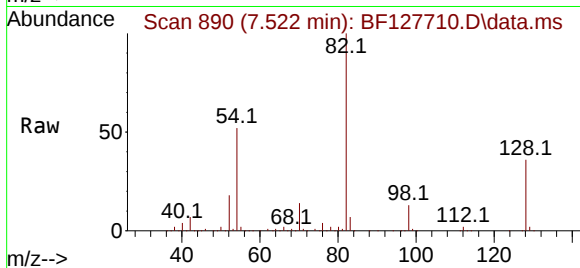
Ion Ratio Lower Upper

70 100

42 49.0 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: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127710.D

Acq: 08 Apr 2022 13:32

Tgt Ion:136 Resp: 526219

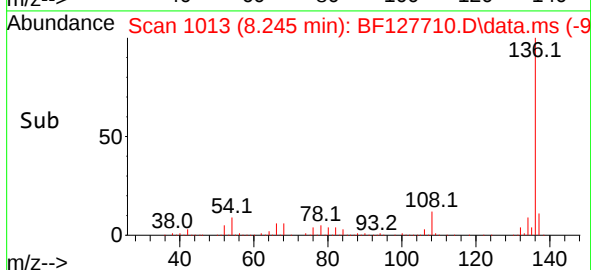
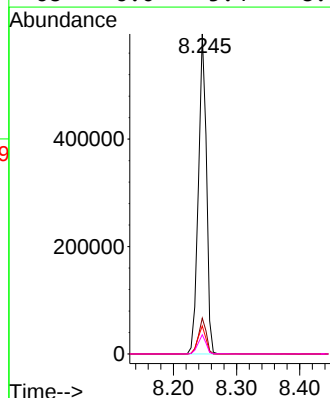
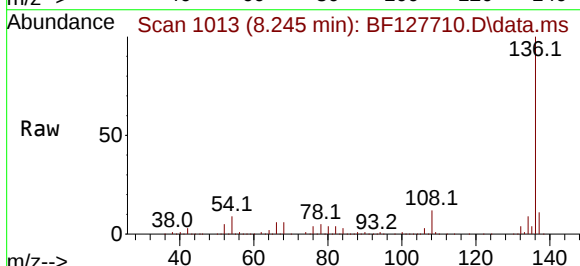
Ion Ratio Lower Upper

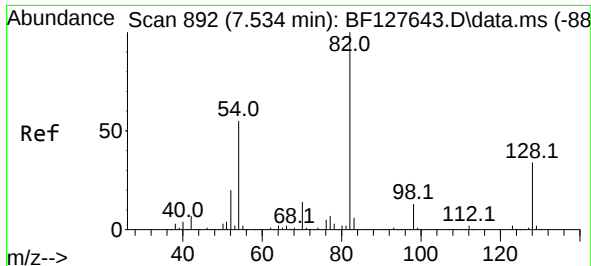
136 100

137 11.2 8.6 13.0

54 8.8 9.2 13.8#

68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 56.452 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF127710.D

Acq: 08 Apr 2022 13:32

Instrument :

BNA_F

ClientSampleId :

TP1-B

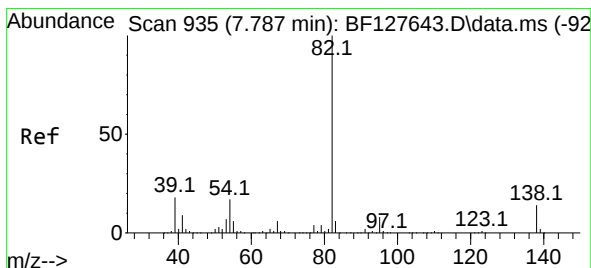
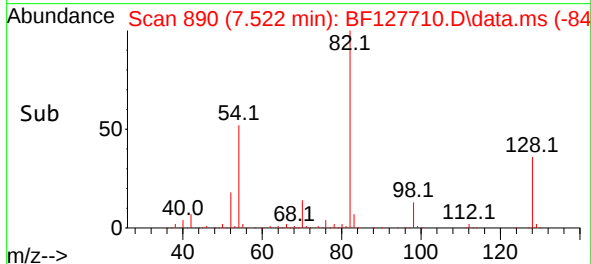
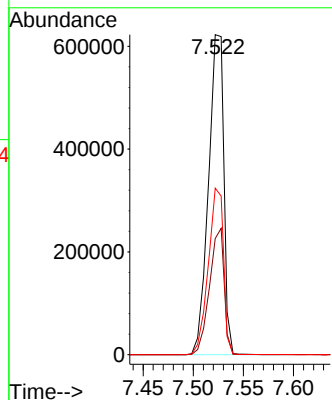
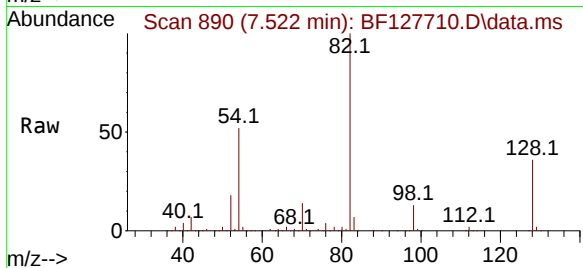
Tgt Ion: 82 Resp: 666341

Ion Ratio Lower Upper

82 100

128 36.3 30.6 45.8

54 52.0 48.2 72.2



#25

Isophorone

Concen: 32.352 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127710.D

Acq: 08 Apr 2022 13:32

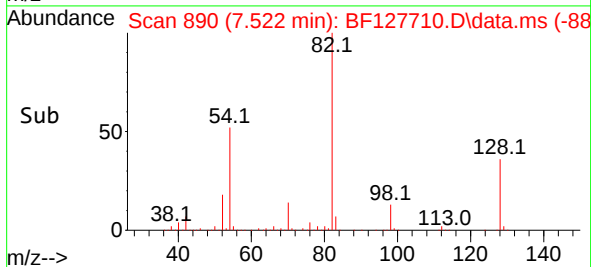
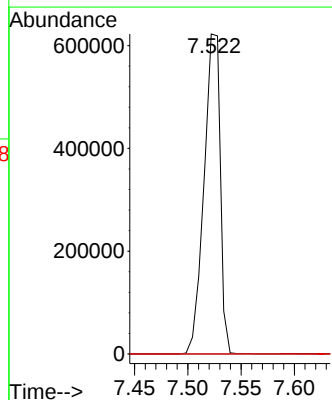
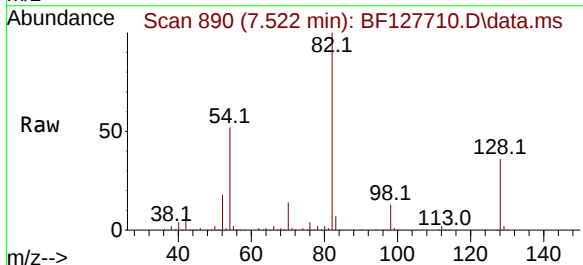
Tgt Ion: 82 Resp: 666334

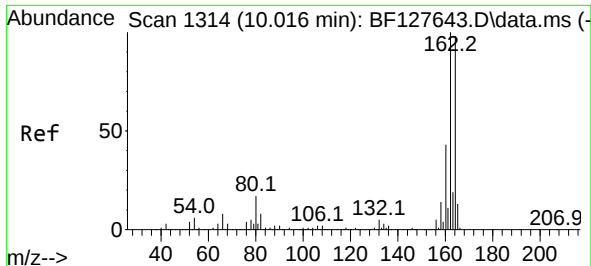
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

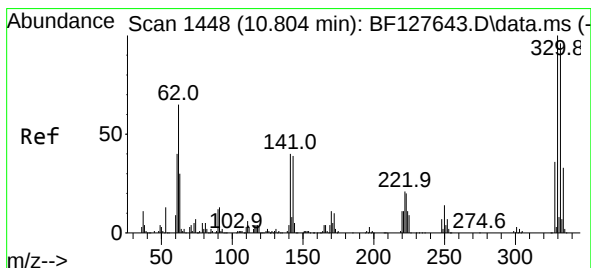
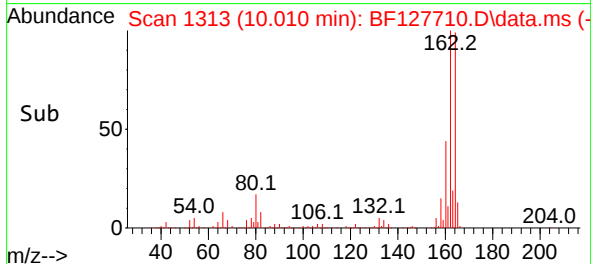
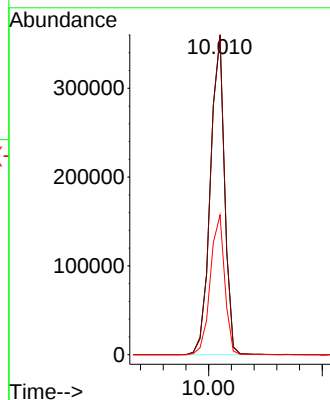
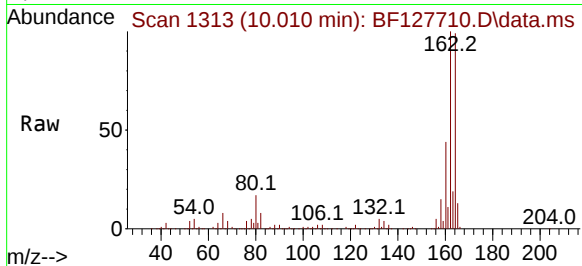




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

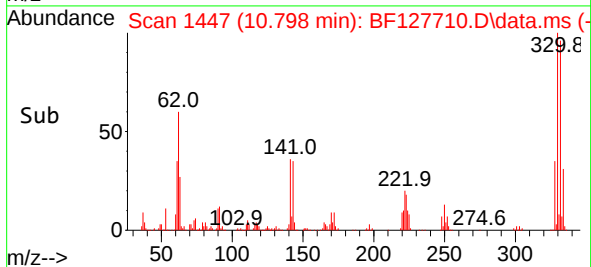
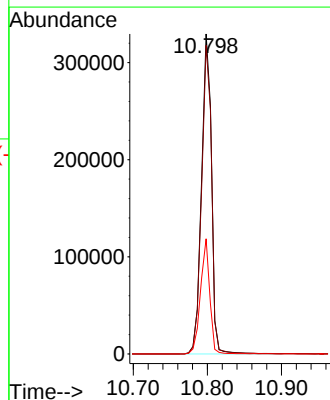
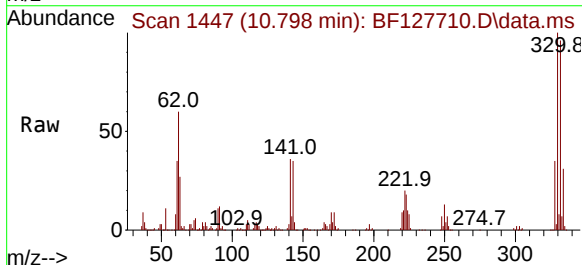
Instrument :
BNA_F
ClientSampleId :
TP1-B

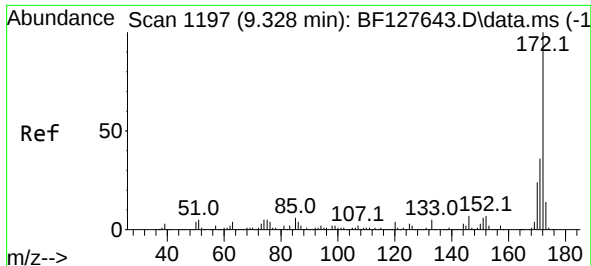
Tgt Ion:164 Resp: 309824
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 44.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 93.362 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

Tgt Ion:330 Resp: 307813
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 33.4 26.2 39.4

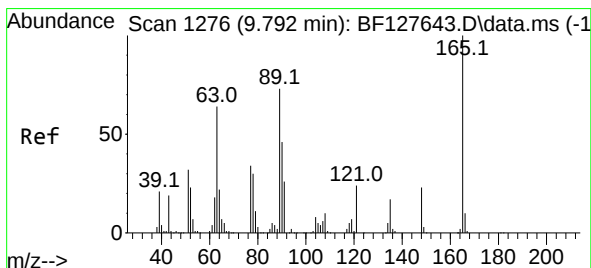
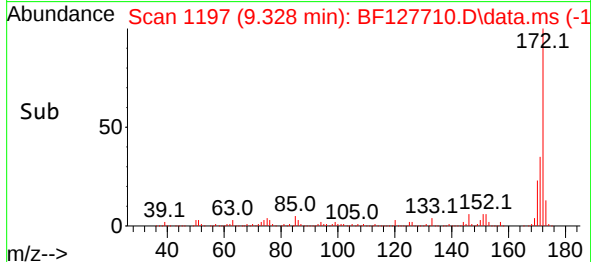
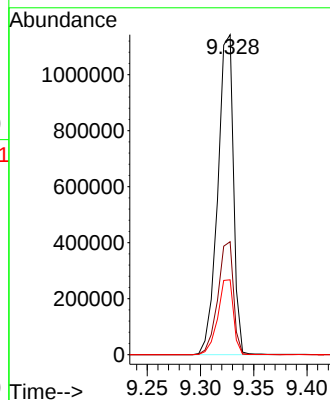
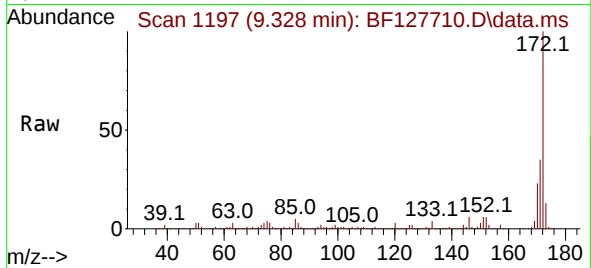




#45
2-Fluorobiphenyl
Concen: 53.263 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

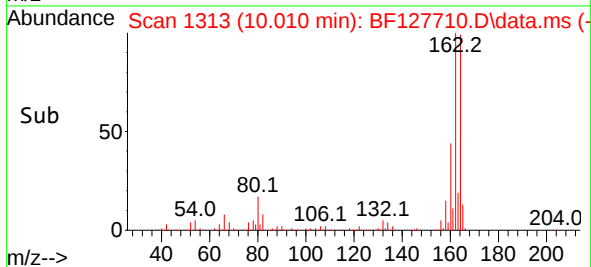
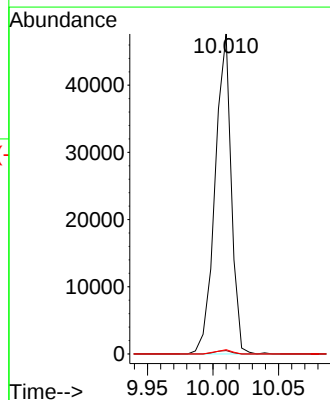
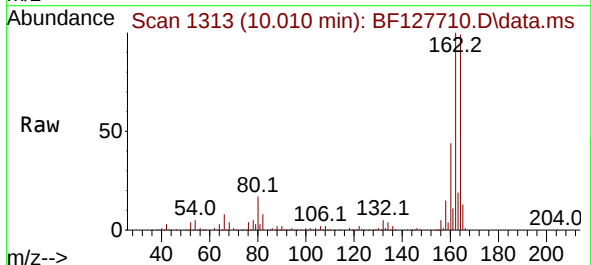
Instrument :
BNA_F
ClientSampleId :
TP1-B

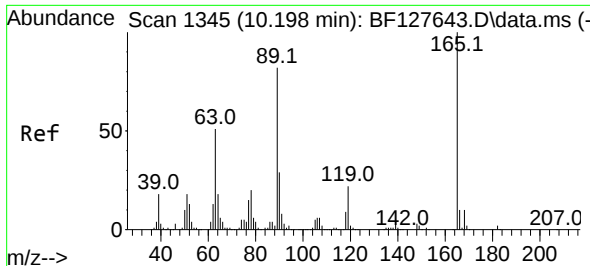
Tgt Ion:172 Resp: 1166498
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.627 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

Tgt Ion:165 Resp: 40751
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.4 51.5 77.3#

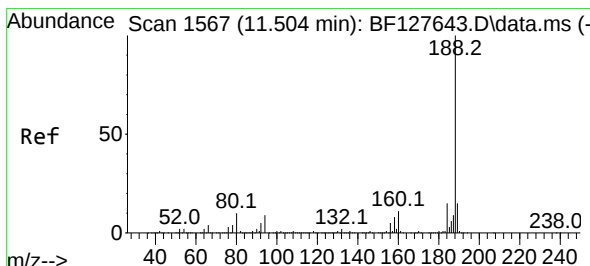
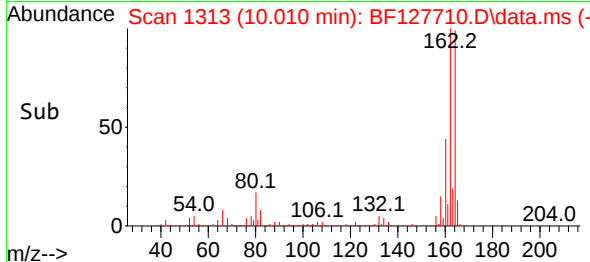
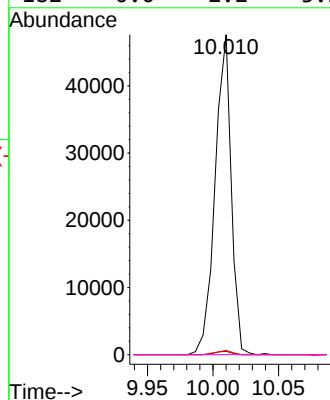
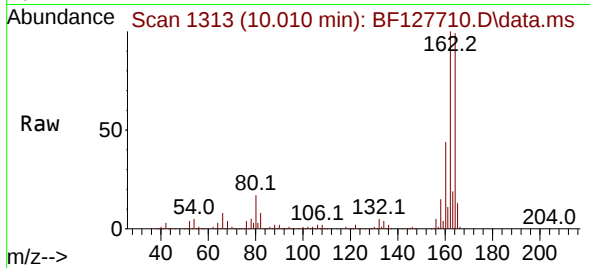




#57
2,4-Dinitrotoluene
Concen: 7.765 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

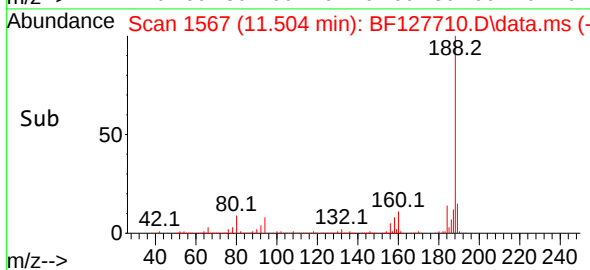
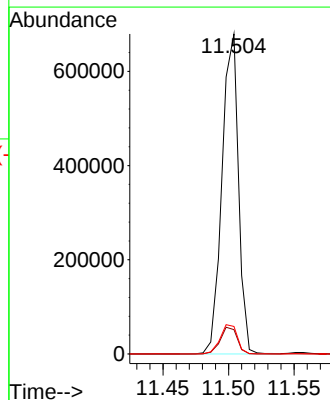
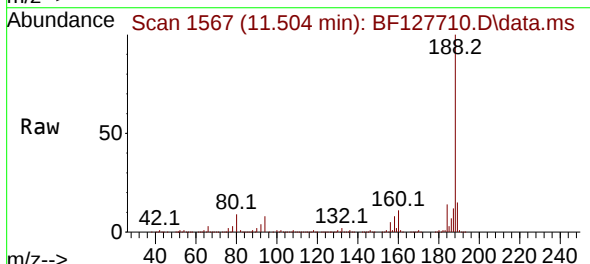
Instrument :
BNA_F
ClientSampleId :
TP1-B

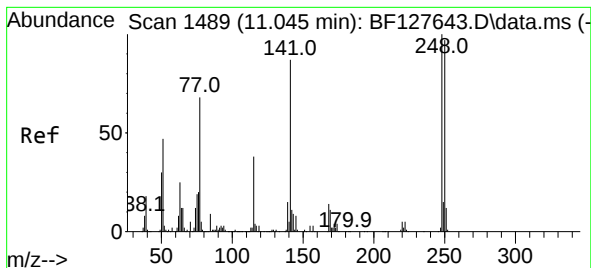
Tgt Ion:165 Resp: 40751
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

Tgt Ion:188 Resp: 592765
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.0
80 8.6 8.0 12.0

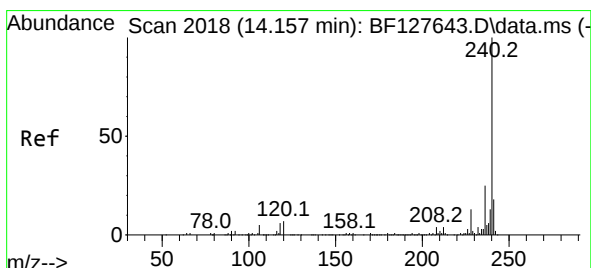
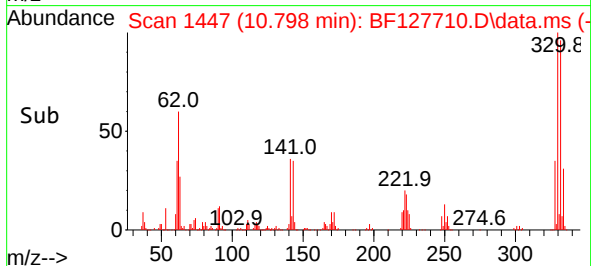
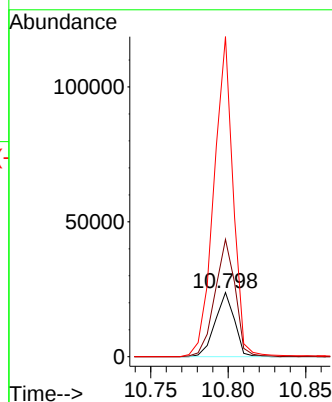
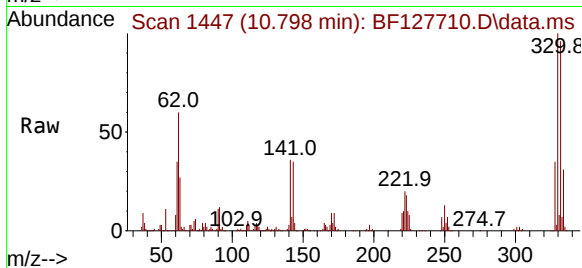




#67
4-Bromophenyl-phenylether
Concen: 2.863 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

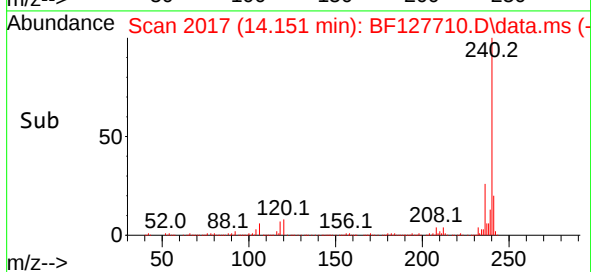
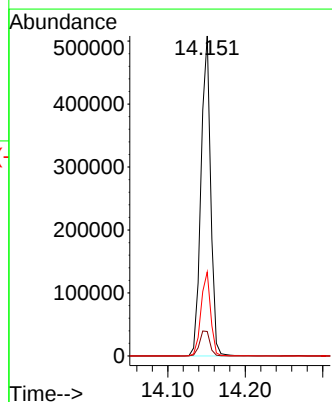
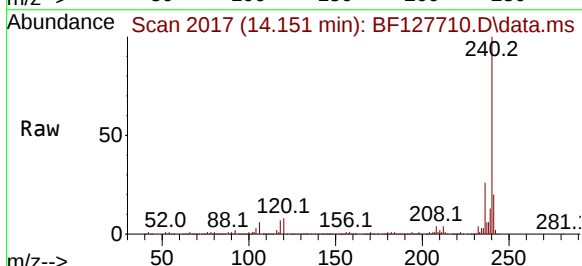
Instrument :
BNA_F
ClientSampleId :
TP1-B

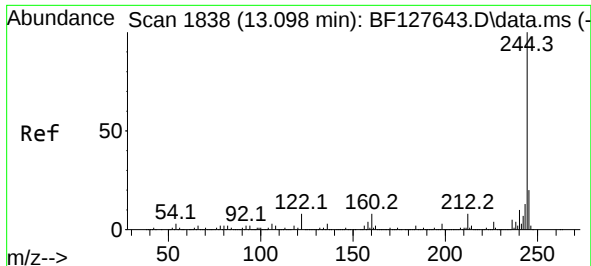
Tgt Ion:248 Resp: 20598
Ion Ratio Lower Upper
248 100
250 183.0 76.6 115.0#
141 499.2 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127710.D
Acq: 08 Apr 2022 13:32

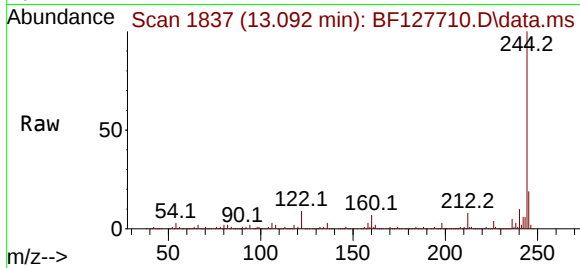
Tgt Ion:240 Resp: 439590
Ion Ratio Lower Upper
240 100
120 7.7 7.1 10.7
236 26.2 20.7 31.1





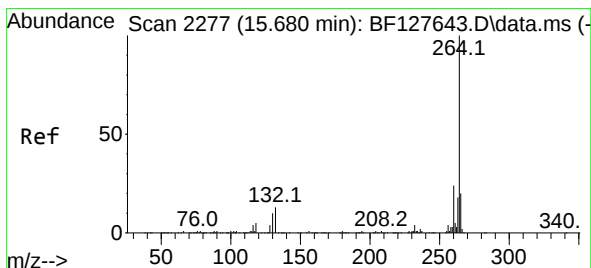
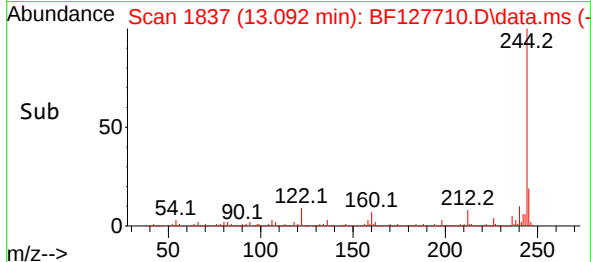
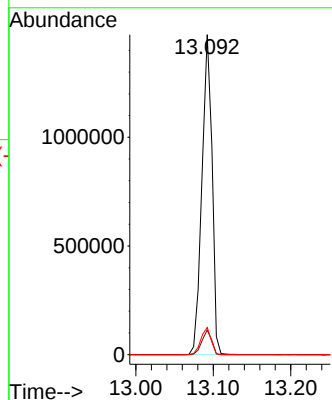
#79
 Terphenyl-d14
 Concen: 50.195 ng
 RT: 13.092 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF127710.D
 Acq: 08 Apr 2022 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP1-B



Tgt Ion:244 Resp: 1336787

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	8.5	6.2	9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF127710.D
 Acq: 08 Apr 2022 13:32

Tgt Ion:264 Resp: 304666

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	20.9	17.4	26.2

