

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127725.D
 Acq On : 08 Apr 2022 20:52
 Operator : CG\JU
 Sample : N2330-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-253

Quant Time: Apr 11 02:23:22 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)

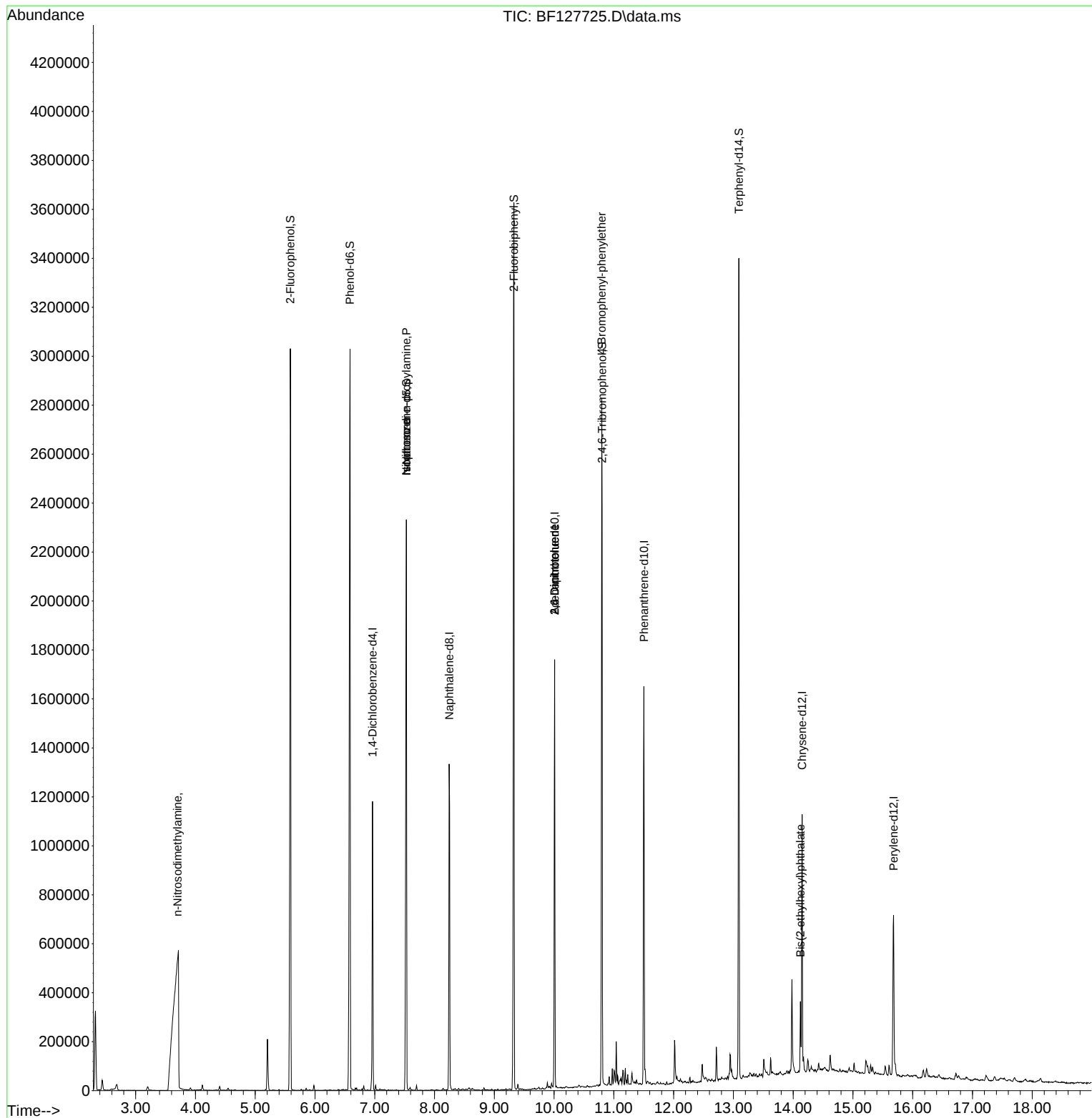
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	157519	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	572826	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	333683	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	575180	20.000	ng	0.00
76) Chrysene-d12	14.151	240	340594	20.000	ng	0.00
86) Perylene-d12	15.680	264	324476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	859427	88.655	ng	0.00
7) Phenol-d6	6.587	99	1145266	90.307	ng	0.00
23) Nitrobenzene-d5	7.528	82	776558	60.437	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	342616	96.487	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1160448	49.198	ng	0.00
79) Terphenyl-d14	13.092	244	1116250	54.096	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.698	42	76408	11.732	ng	# 1
9) Benzaldehyde	6.516	77	359	Below Cal		# 70
19) n-Nitroso-di-n-propyla...	7.528	70	105070	12.810	ng	# 77
25) Isophorone	7.528	82	776548	34.635	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	42819	9.392	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	42819	7.575	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	21589	3.093	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.121	149	67995	4.505	ng	100

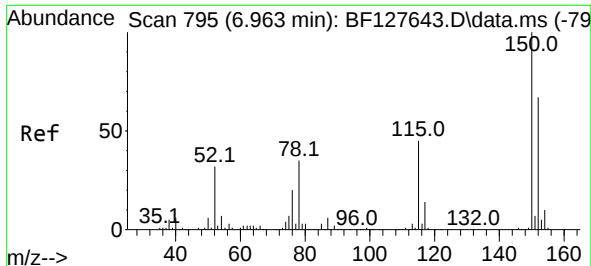
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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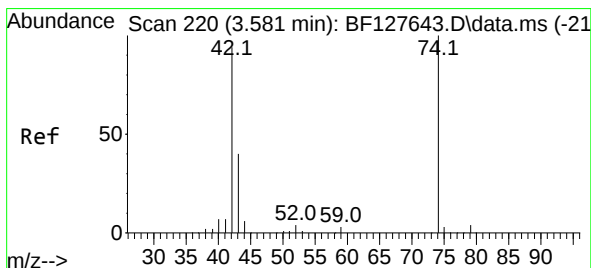
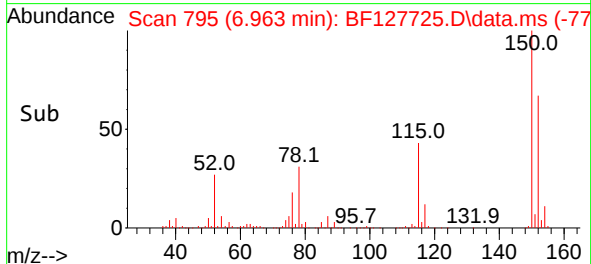
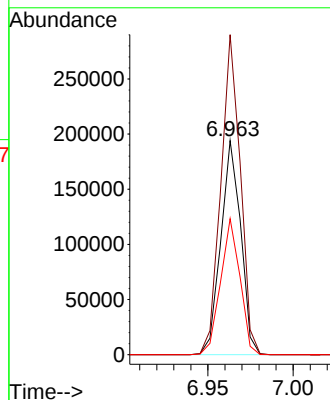
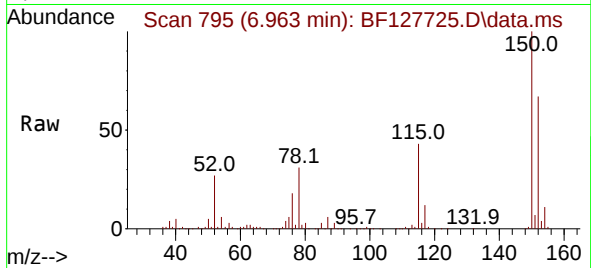




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF127725.D
 Acq: 08 Apr 2022 20:52

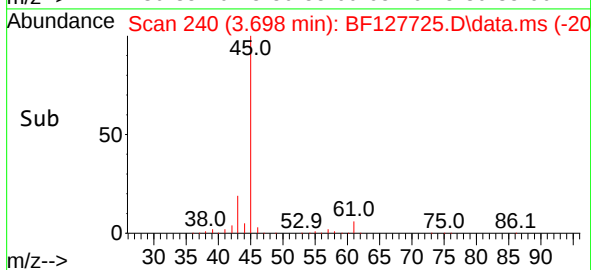
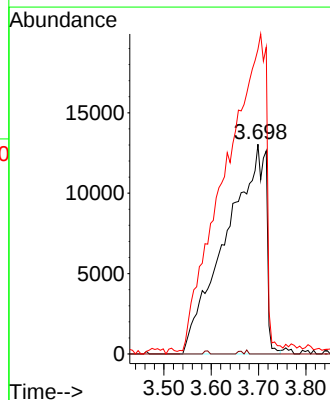
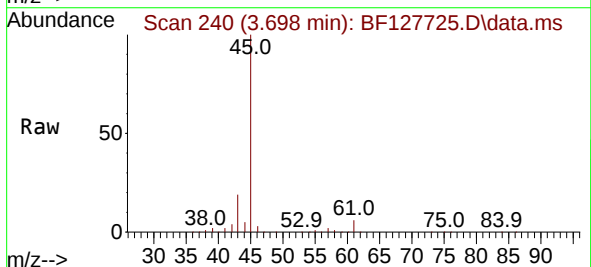
Instrument :
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 ClientSampleId :
 RBR-253

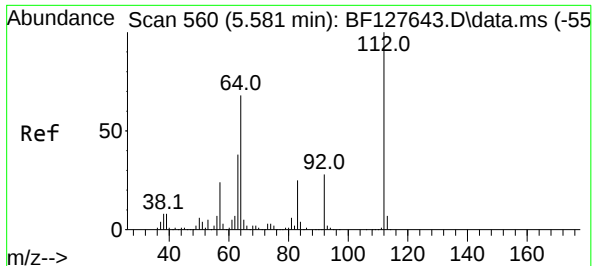
Tgt Ion:152 Resp: 157519
 Ion Ratio Lower Upper
 152 100
 150 149.5 117.2 175.8
 115 63.5 49.8 74.6



#4
 n-Nitrosodimethylamine
 Concen: 11.732 ng
 RT: 3.698 min Scan# 240
 Delta R.T. 0.118 min
 Lab File: BF127725.D
 Acq: 08 Apr 2022 20:52

Tgt Ion: 42 Resp: 76408
 Ion Ratio Lower Upper
 42 100
 74 0.0 92.4 138.6#
 44 145.2 6.0 9.0#

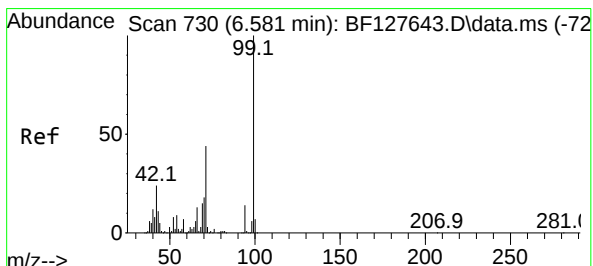
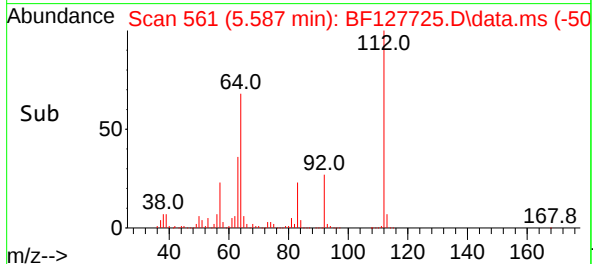
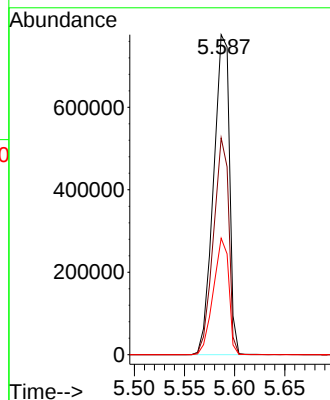
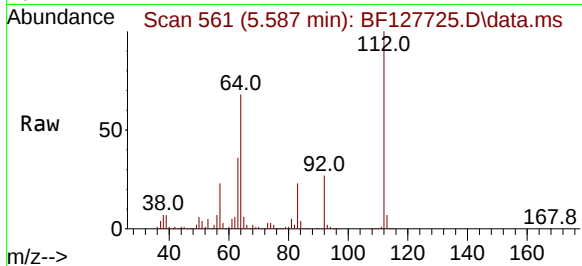




#5
2-Fluorophenol
Concen: 88.655 ng
RT: 5.587 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

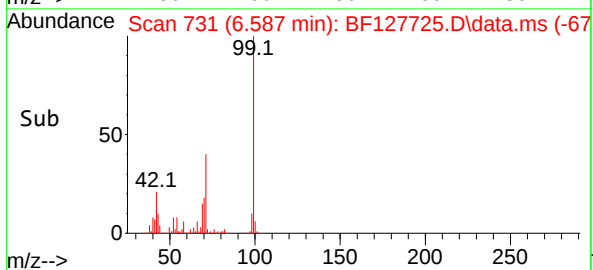
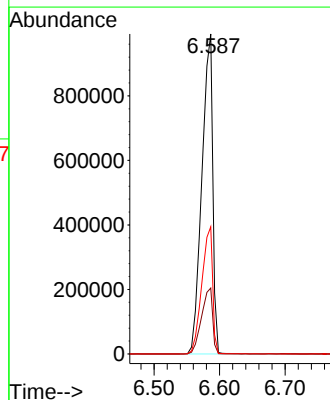
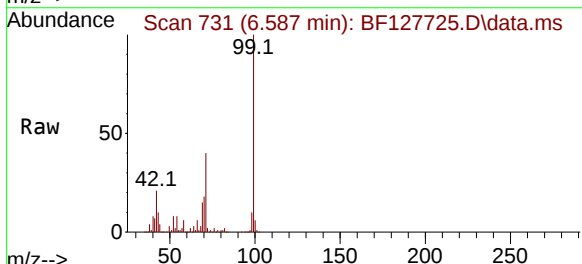
Instrument :
BNA_F
ClientSampleId :
RBR-253

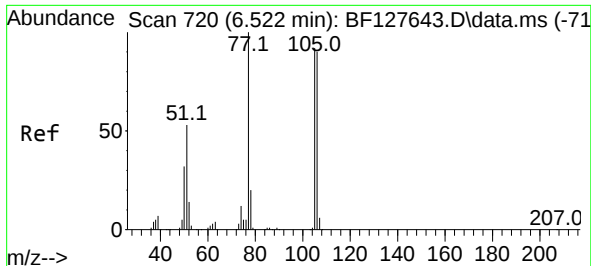
Tgt Ion:112 Resp: 859427
Ion Ratio Lower Upper
112 100
64 67.7 58.4 87.6
63 36.4 30.1 45.1



#7
Phenol-d6
Concen: 90.307 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

Tgt Ion: 99 Resp: 1145266
Ion Ratio Lower Upper
99 100
42 20.6 17.8 26.6
71 39.7 29.6 44.4

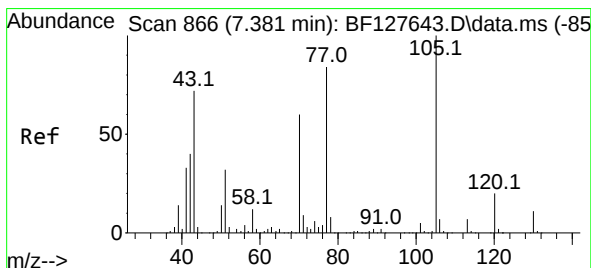
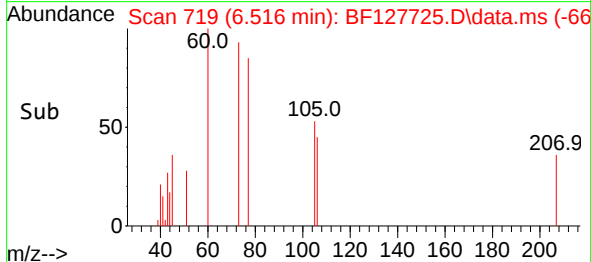
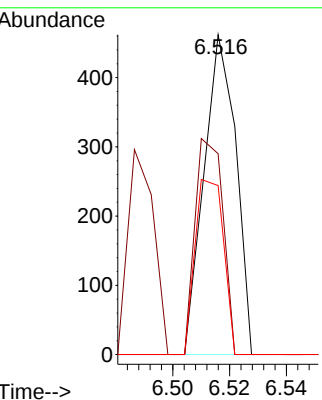
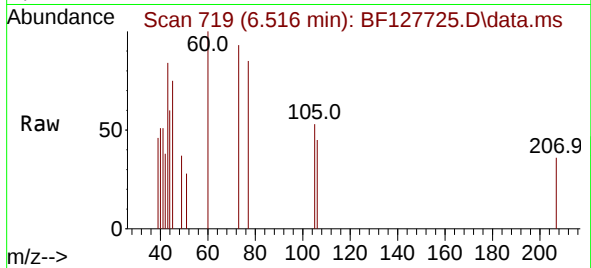




#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

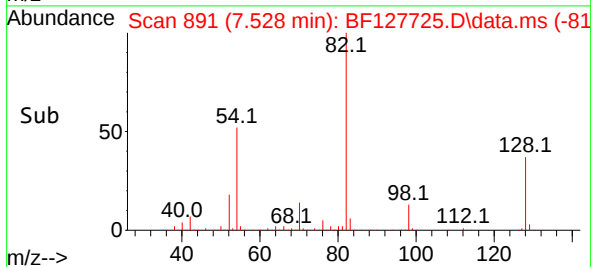
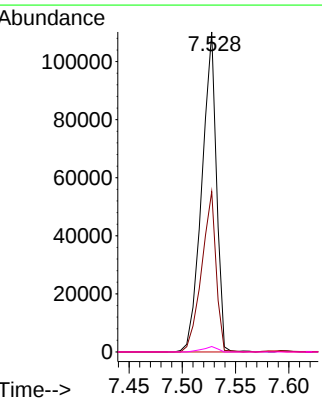
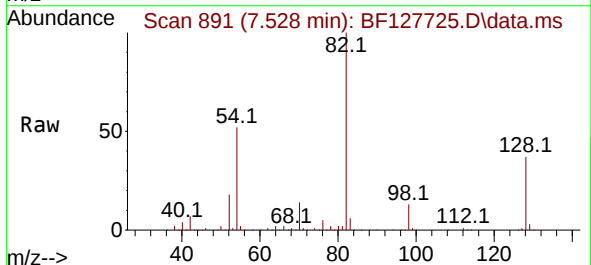
Instrument :
BNA_F
ClientSampleId :
RBR-253

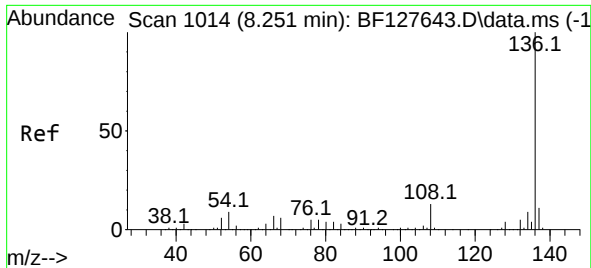
Tgt Ion: 77 Resp: 359
Ion Ratio Lower Upper
77 100
105 62.8 66.8 106.8#
106 52.8 64.3 104.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.810 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

Tgt Ion: 70 Resp: 105070
Ion Ratio Lower Upper
70 100
42 50.1 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#

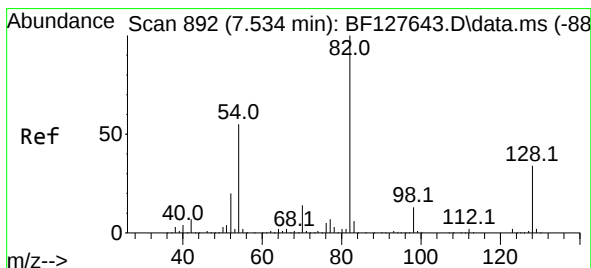
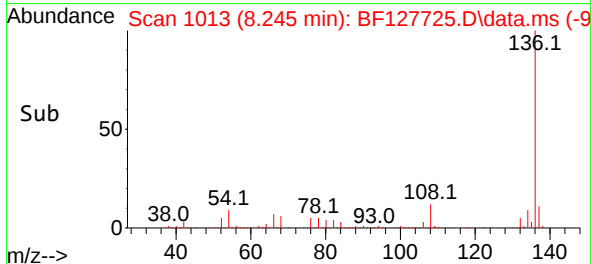
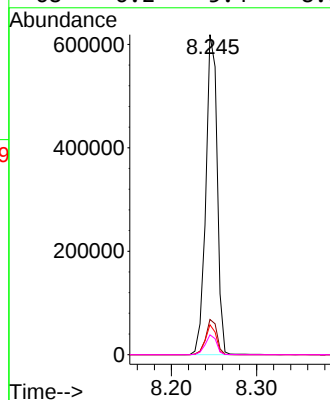
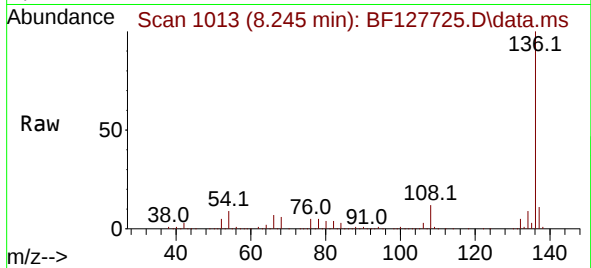




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

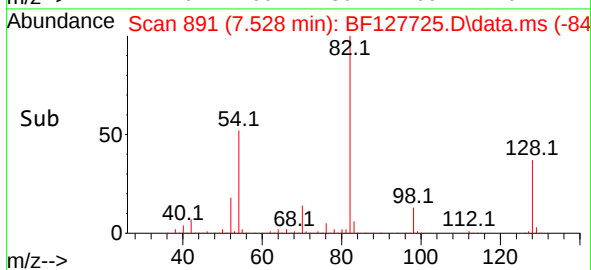
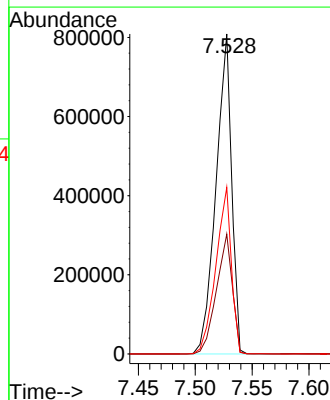
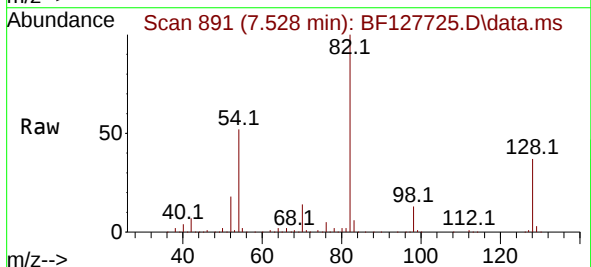
Instrument :
BNA_F
ClientSampleId :
RBR-253

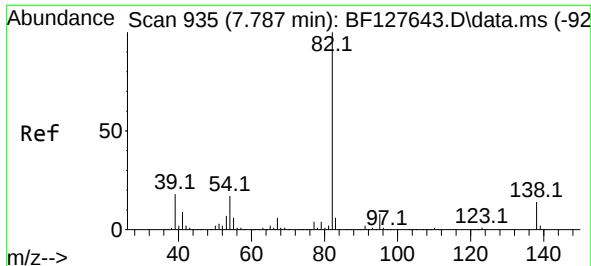
Tgt	Ion:136	Resp:	572826
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.4	9.2	13.8
68	6.2	5.4	8.0



#23
Nitrobenzene-d5
Concen: 60.437 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

Tgt Ion: 82	Resp: 776558
Ion Ratio	Lower Upper
82 100	
128 37.4	30.6 45.8
54 52.1	48.2 72.2

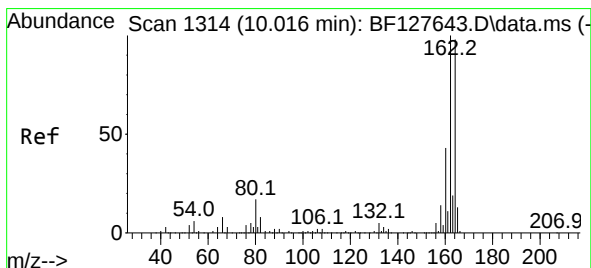
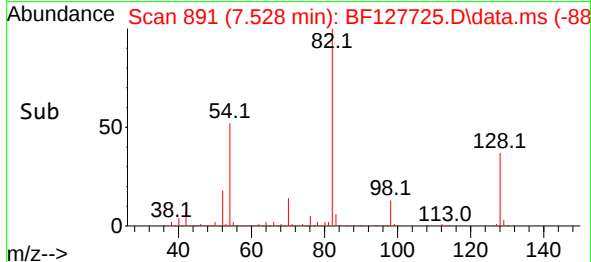
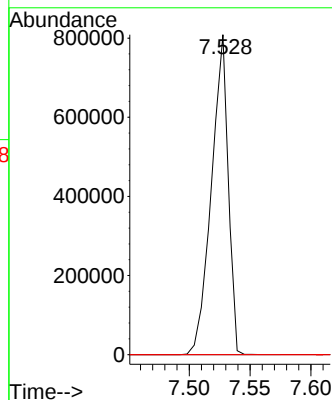
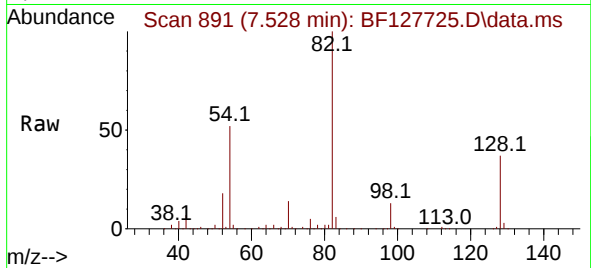




#25
Isophorone
Concen: 34.635 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

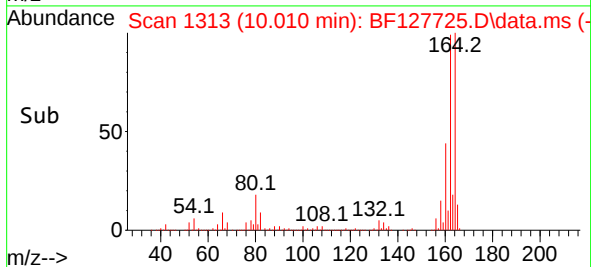
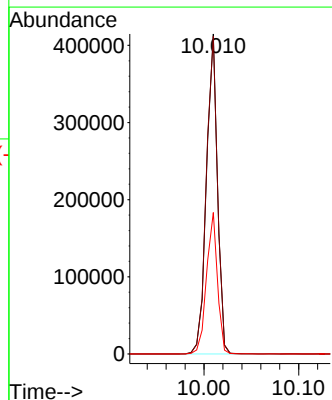
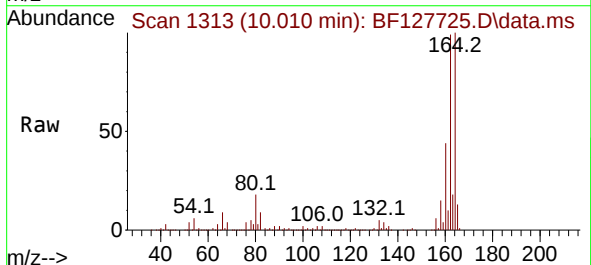
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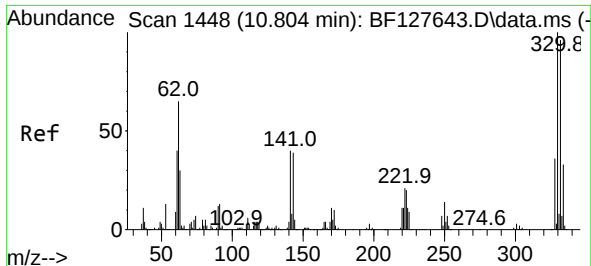
Tgt Ion: 82 Resp: 776548
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

Tgt Ion: 164 Resp: 333683
Ion Ratio Lower Upper
164 100
162 99.2 81.2 121.8
160 44.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 96.487 ng

RT: 10.804 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF127725.D

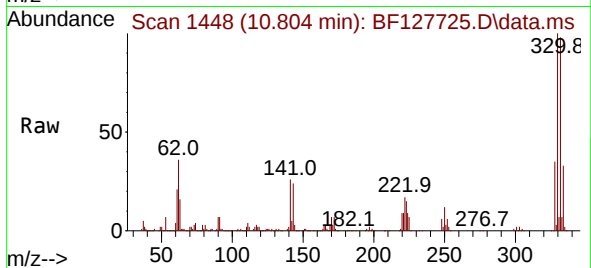
Acq: 08 Apr 2022 20:52

Instrument :

BNA_F

ClientSampleId :

RBR-253



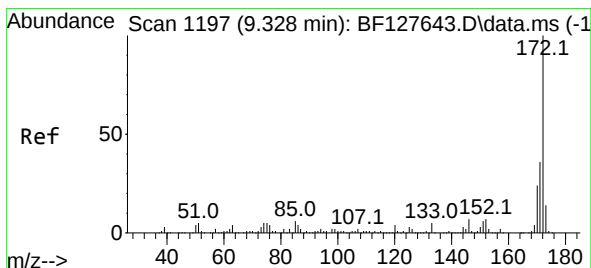
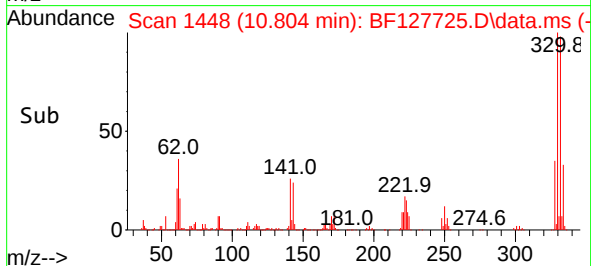
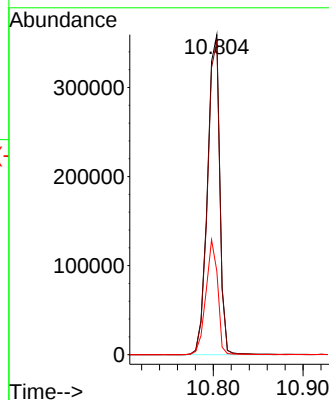
Tgt Ion:330 Resp: 342616

Ion Ratio Lower Upper

330 100

332 97.4 79.1 118.7

141 34.4 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 49.198 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127725.D

Acq: 08 Apr 2022 20:52

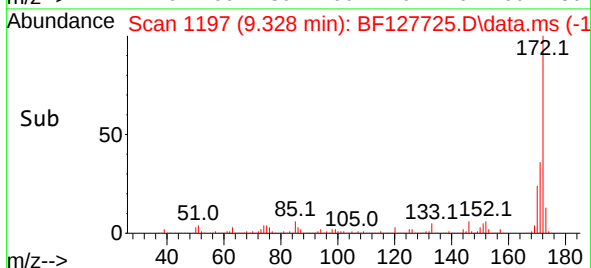
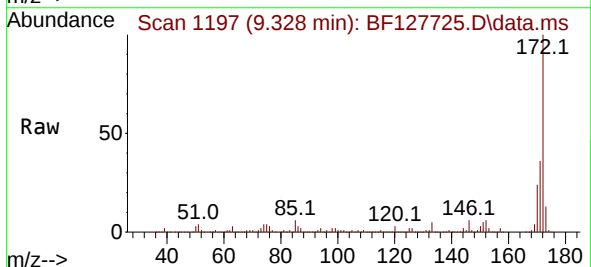
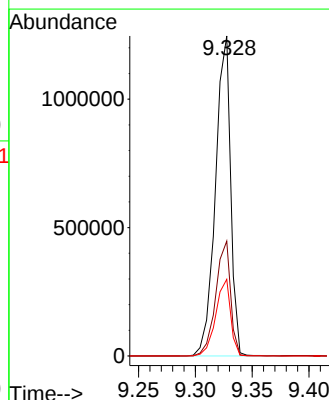
Tgt Ion:172 Resp: 1160448

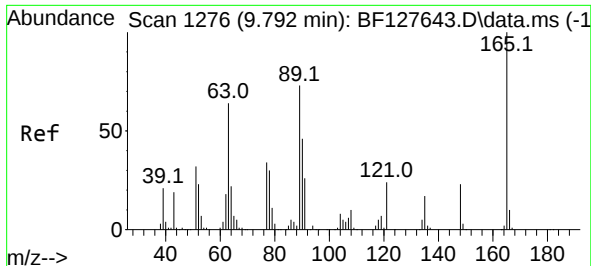
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.0 18.6 27.8

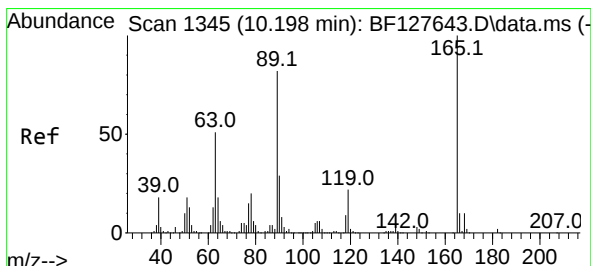
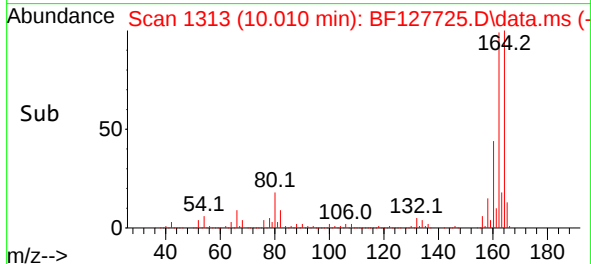
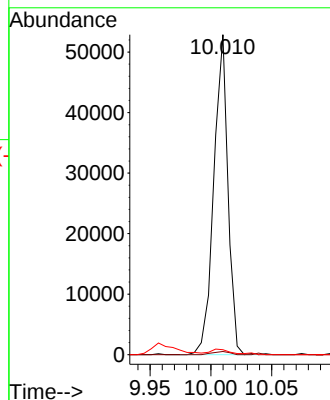
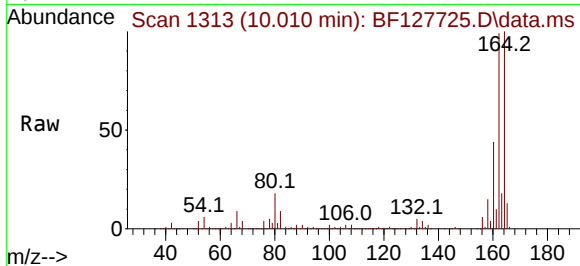




#51
2,6-Dinitrotoluene
Concen: 9.392 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

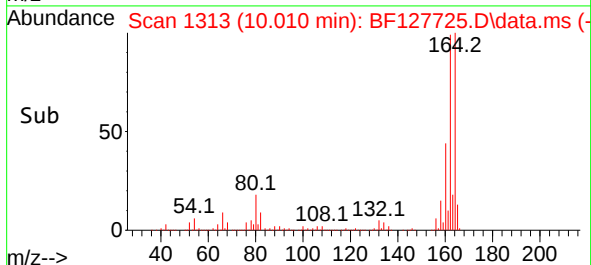
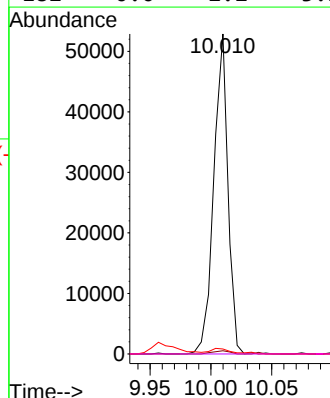
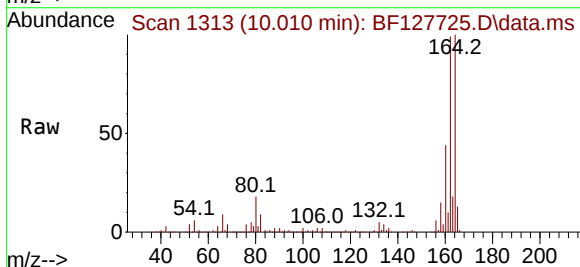
Instrument :
BNA_F
ClientSampleId :
RBR-253

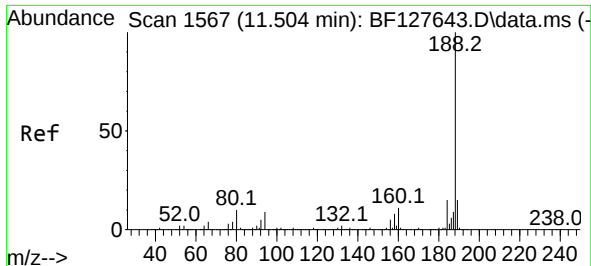
Tgt Ion:165 Resp: 42819
Ion Ratio Lower Upper
165 100
63 1.0 58.3 87.5#
89 1.6 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.575 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

Tgt Ion:165 Resp: 42819
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#

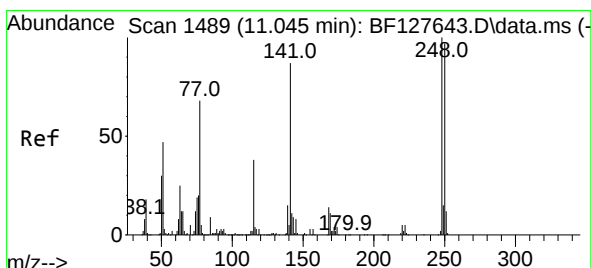
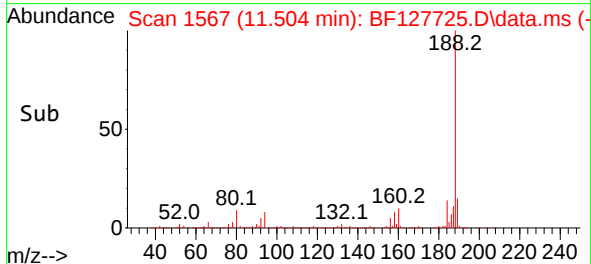
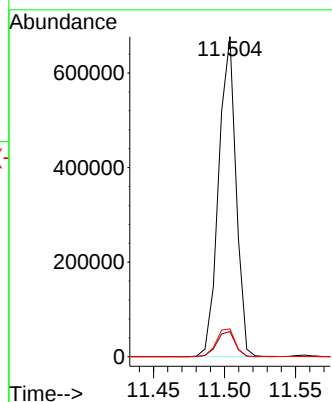
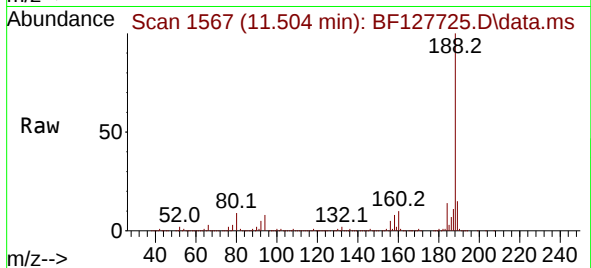




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

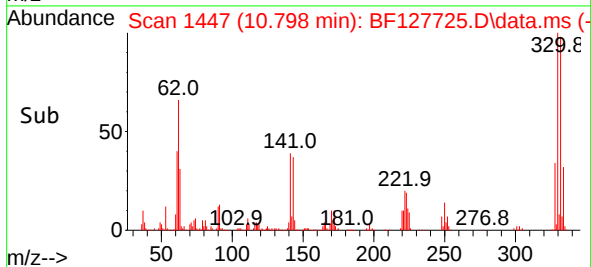
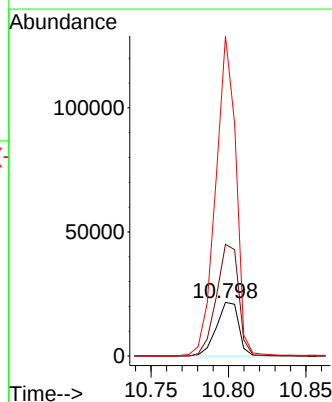
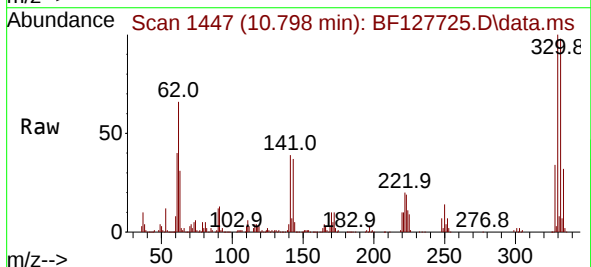
Instrument :
BNA_F
ClientSampleId :
RBR-253

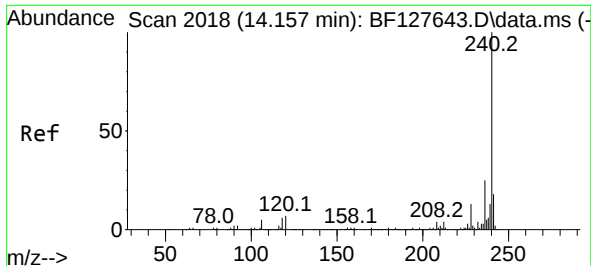
Tgt Ion:188 Resp: 575180
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 8.7 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

Tgt Ion:248 Resp: 21589
Ion Ratio Lower Upper
248 100
250 208.4 76.6 115.0#
141 597.3 52.2 78.2#

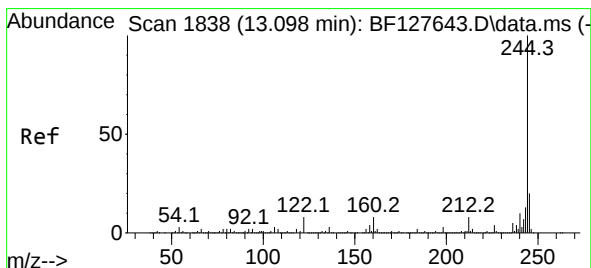
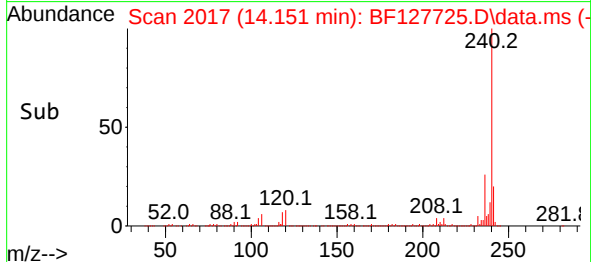
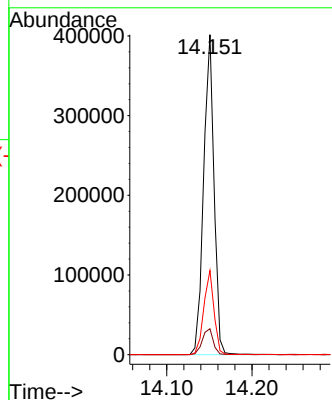
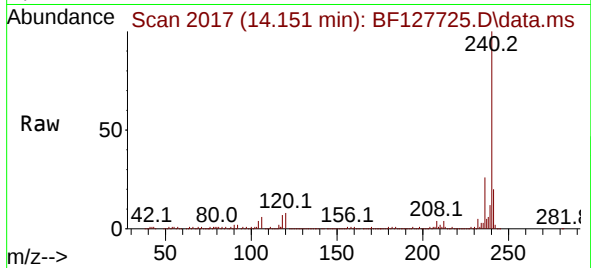




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

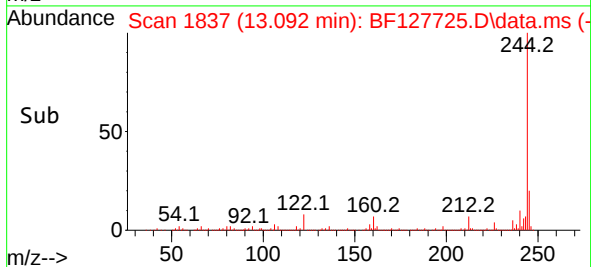
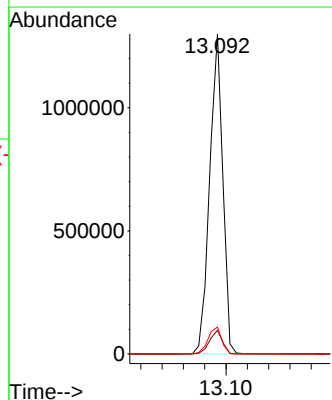
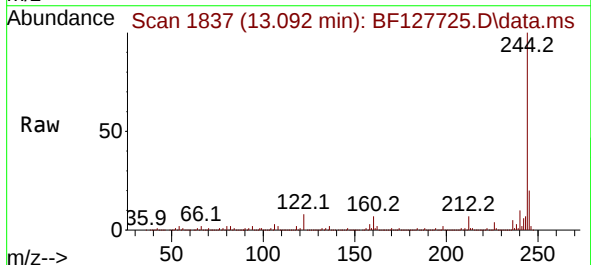
Instrument :
BNA_F
ClientSampleId :
RBR-253

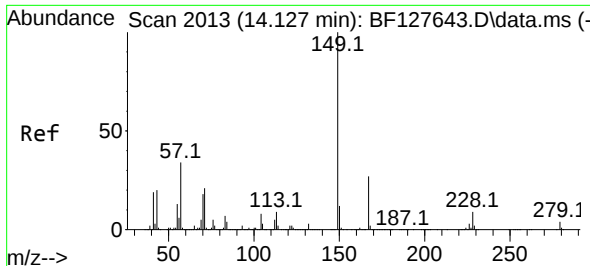
Tgt Ion:240 Resp: 340594
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 26.3 20.7 31.1



#79
Terphenyl-d14
Concen: 54.096 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

Tgt Ion:244 Resp: 1116250
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 8.4 6.2 9.2

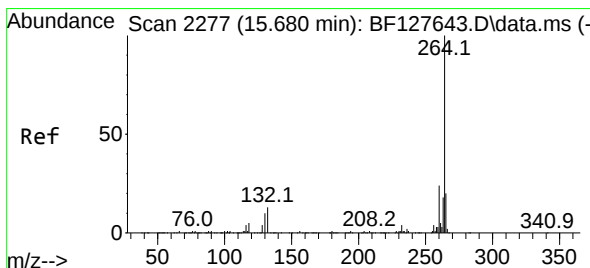
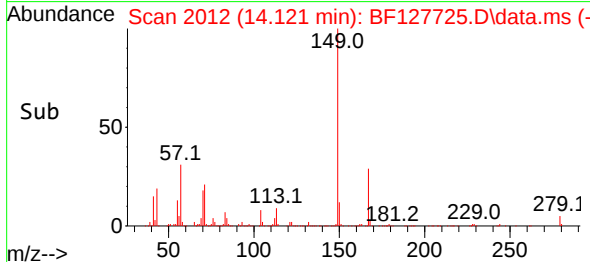
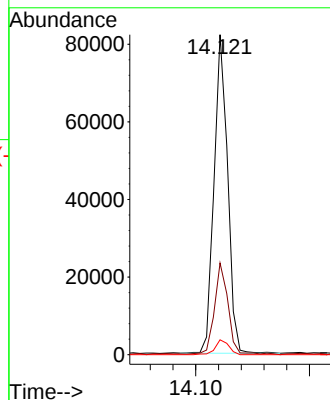
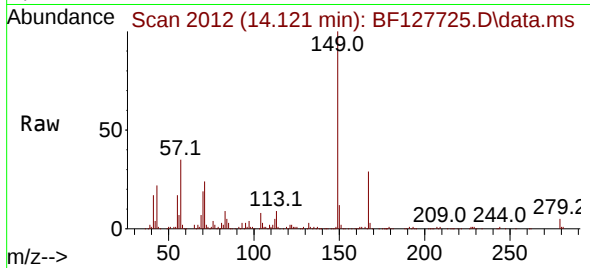




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.505 ng
RT: 14.121 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

Instrument :
BNA_F
ClientSampleId :
RBR-253

Tgt Ion:149 Resp: 67995
Ion Ratio Lower Upper
149 100
167 28.7 22.9 34.3
279 4.6 3.2 4.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF127725.D
Acq: 08 Apr 2022 20:52

Tgt Ion:264 Resp: 324476
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 21.8 17.4 26.2

