

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129625.D
 Acq On : 06 Aug 2022 05:05
 Operator : CG\JU
 Sample : N4062-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-080422

Quant Time: Aug 08 02:20:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

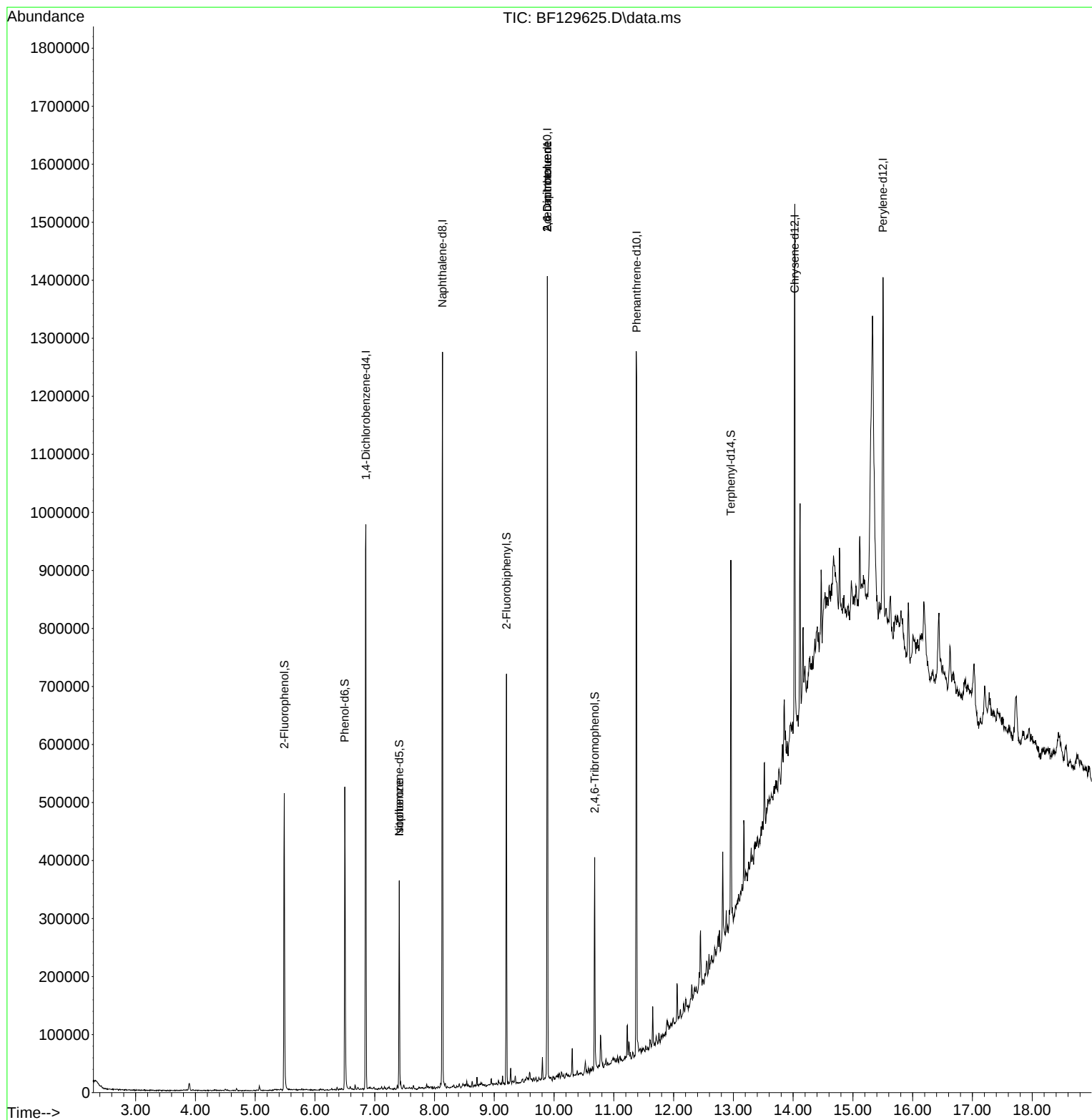
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	146799	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	533866	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	257815	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	442866	20.000	ng	0.00
76) Chrysene-d12	14.027	240	310968	20.000	ng	0.00
86) Perylene-d12	15.504	264	247299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	141216	15.670	ng	0.00
7) Phenol-d6	6.498	99	165525	14.613	ng	0.00
23) Nitrobenzene-d5	7.410	82	96288	9.846	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	36776	14.837	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	181981	10.919	ng	0.00
79) Terphenyl-d14	12.957	244	202776	12.302	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.410	82	94992	5.419	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	33726	8.466	ng	# 26
57) 2,4-Dinitrotoluene	9.886	165	33726	6.481	ng	# 22

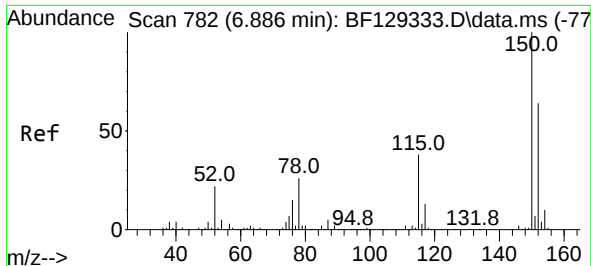
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
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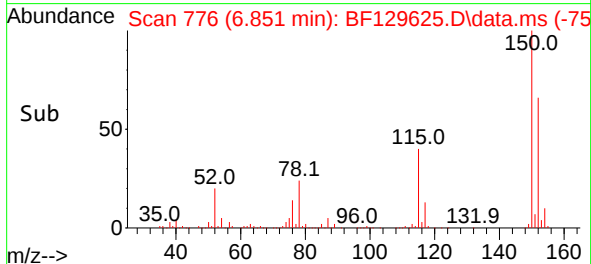
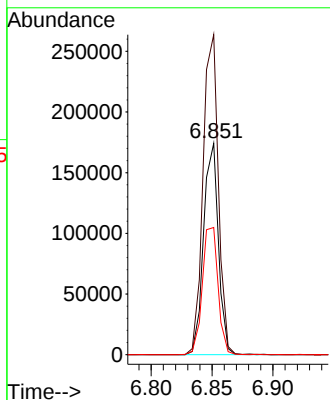
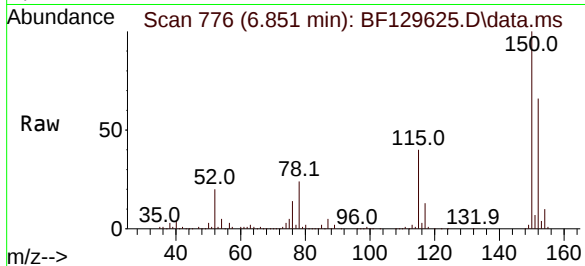




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129625.D
 Acq: 06 Aug 2022 05:05

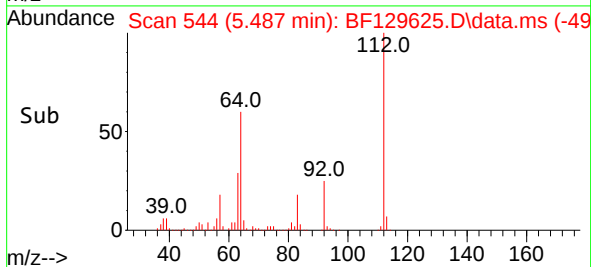
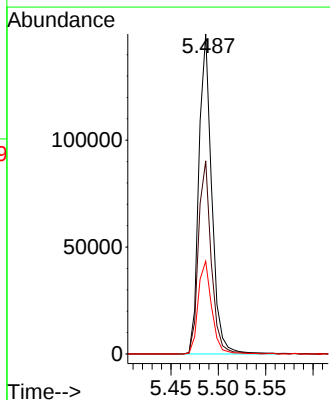
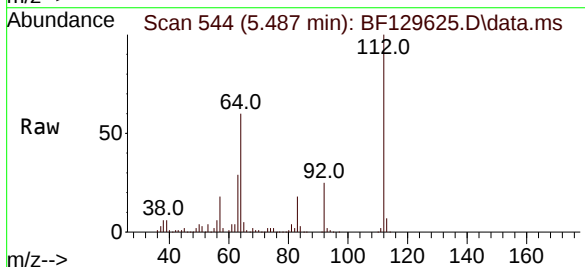
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-080422

Tgt Ion:152 Resp: 146799
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.7 185.5
 115 60.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 15.670 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129625.D
 Acq: 06 Aug 2022 05:05

Tgt Ion:112 Resp: 141216
 Ion Ratio Lower Upper
 112 100
 64 60.4 53.3 79.9
 63 29.0 28.0 42.0

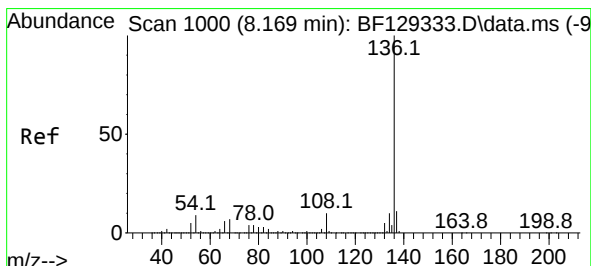
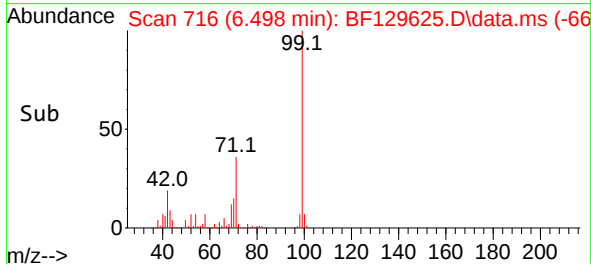
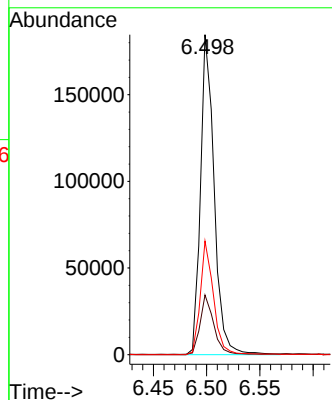
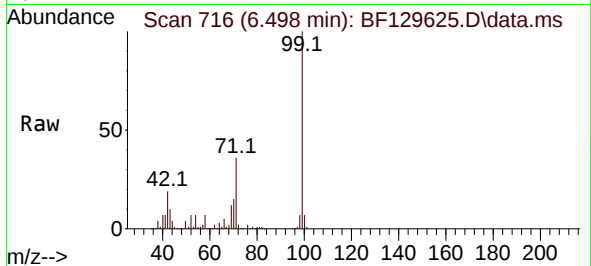




#7
Phenol-d6
Concen: 14.613 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129625.D
Acq: 06 Aug 2022 05:05

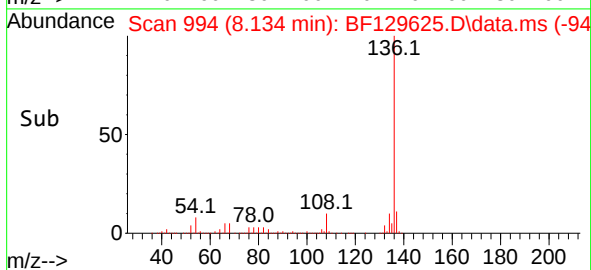
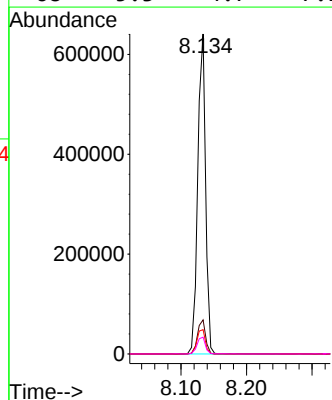
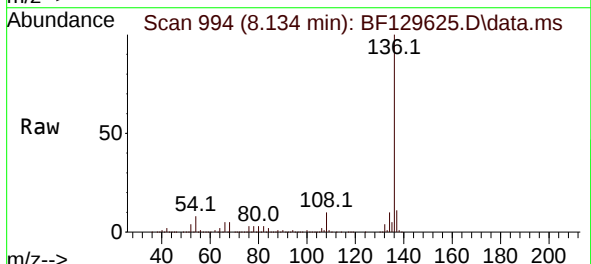
Instrument :
BNA_F
ClientSampleId :
OK-01-080422

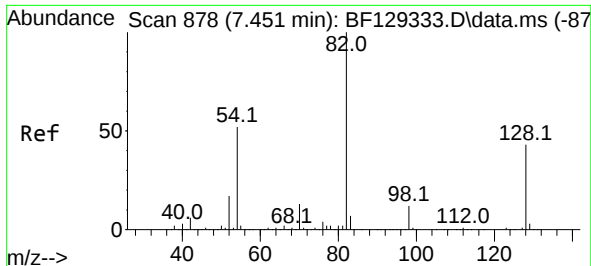
Tgt Ion: 99 Resp: 165525
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 35.5 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF129625.D
Acq: 06 Aug 2022 05:05

Tgt Ion: 136 Resp: 533866
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 7.5 11.3
68 5.3 4.7 7.1

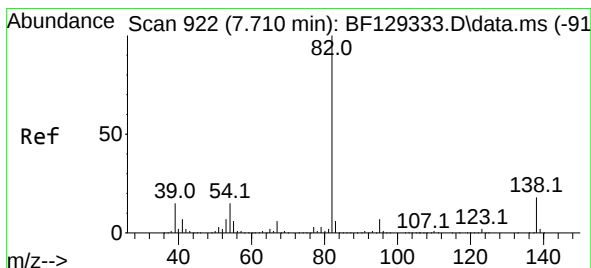
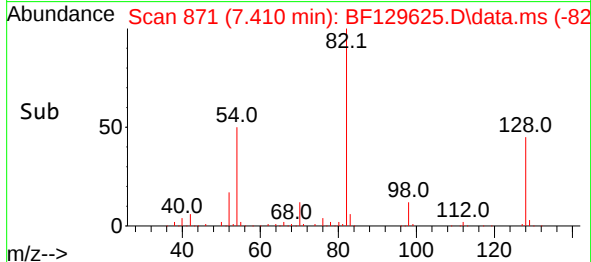
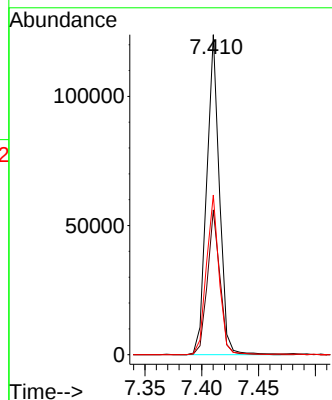
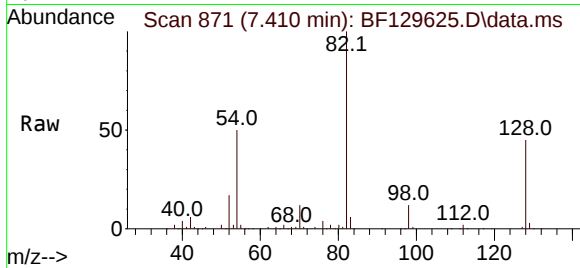




#23
Nitrobenzene-d5
Concen: 9.846 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129625.D
Acq: 06 Aug 2022 05:05

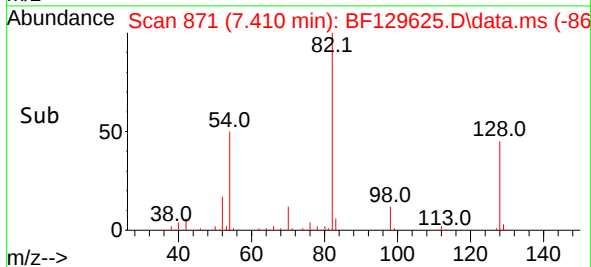
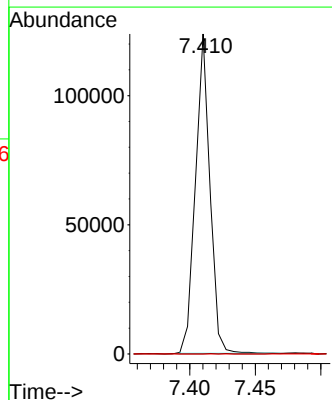
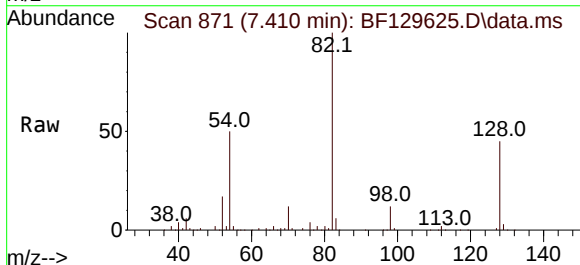
Instrument :
BNA_F
ClientSampleId :
OK-01-080422

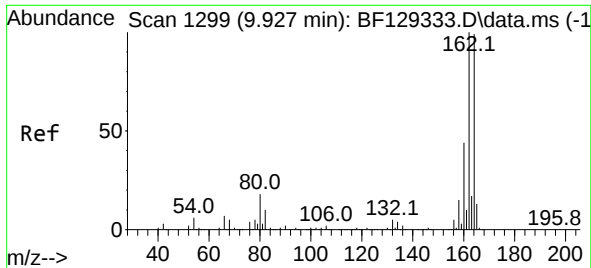
Tgt Ion: 82 Resp: 96288
Ion Ratio Lower Upper
82 100
128 45.3 34.0 51.0
54 49.9 46.9 70.3



#25
Isophorone
Concen: 5.419 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.271 min
Lab File: BF129625.D
Acq: 06 Aug 2022 05:05

Tgt Ion: 82 Resp: 94992
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

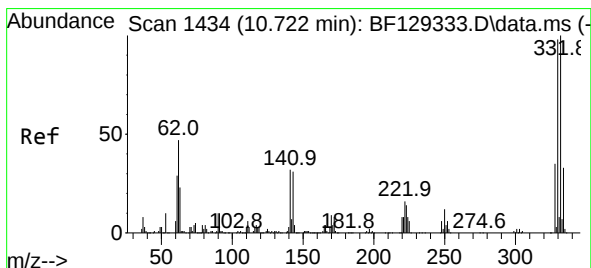
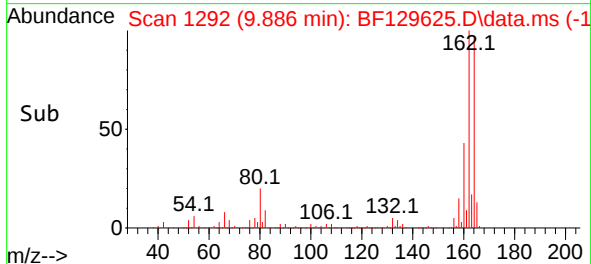
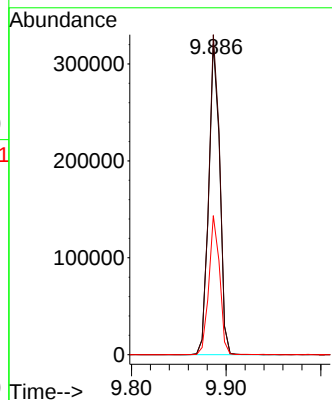
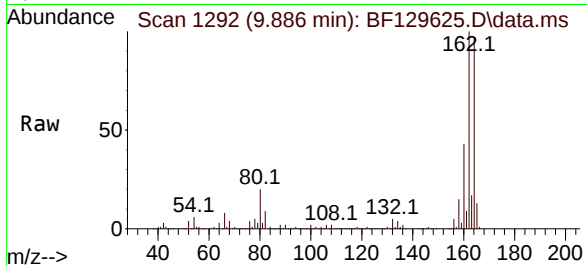




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129625.D
Acq: 06 Aug 2022 05:05

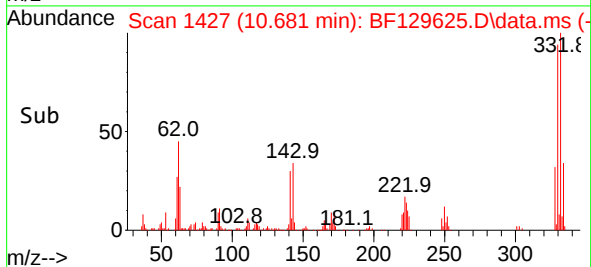
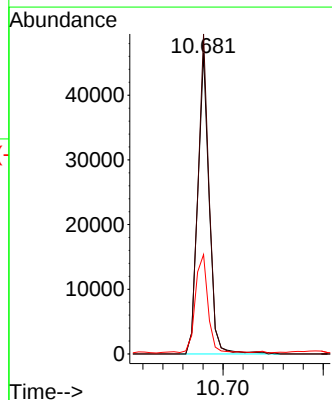
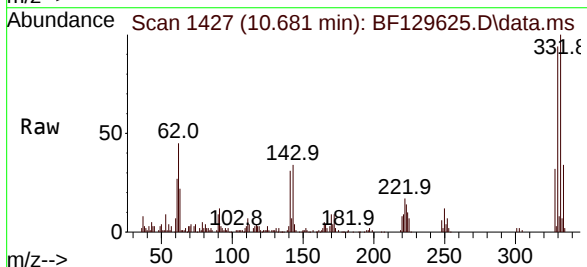
Instrument :
BNA_F
ClientSampleId :
OK-01-080422

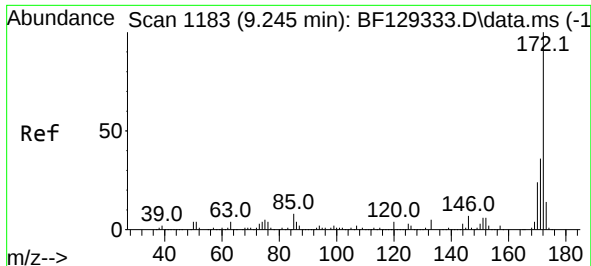
Tgt Ion:164 Resp: 257815
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 14.837 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF129625.D
Acq: 06 Aug 2022 05:05

Tgt Ion:330 Resp: 36776
Ion Ratio Lower Upper
330 100
332 102.3 76.8 115.2
141 37.6 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 10.919 ng

RT: 9.204 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF129625.D

Acq: 06 Aug 2022 05:05

Instrument :

BNA_F

ClientSampleId :

OK-01-080422

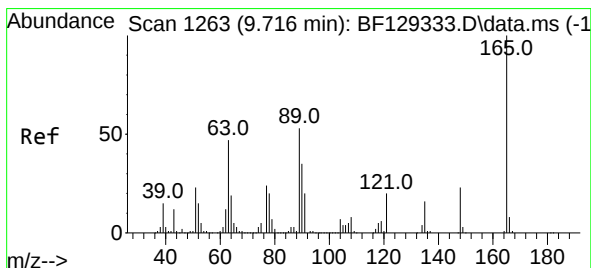
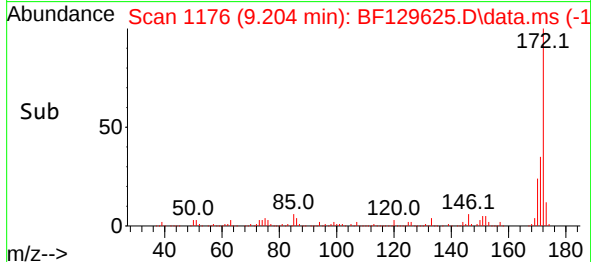
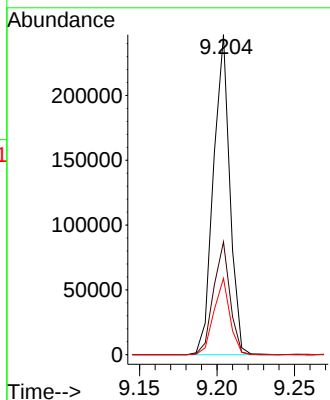
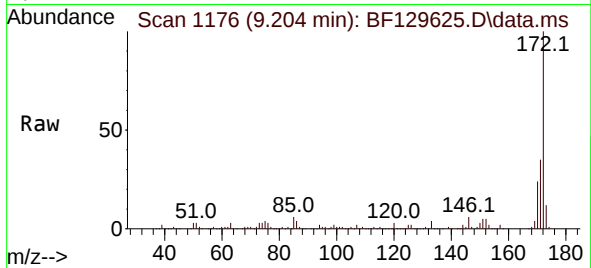
Tgt Ion:172 Resp: 181981

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.8 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.466 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF129625.D

Acq: 06 Aug 2022 05:05

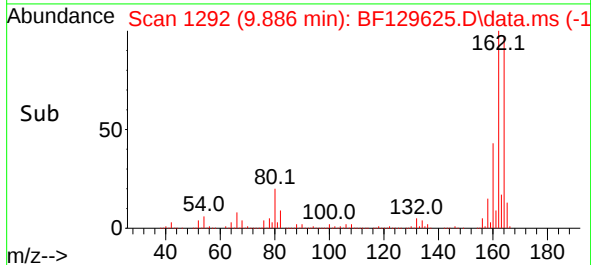
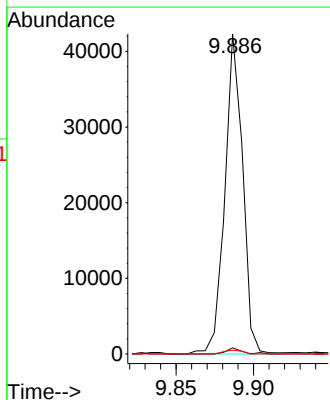
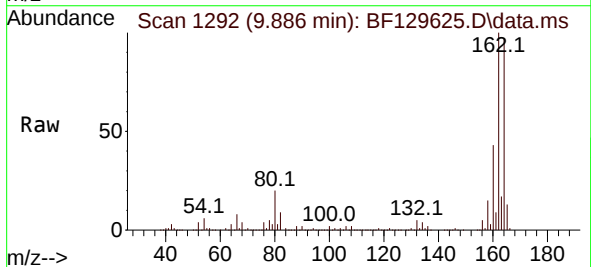
Tgt Ion:165 Resp: 33726

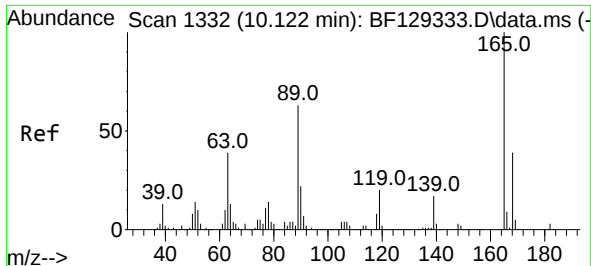
Ion Ratio Lower Upper

165 100

63 1.9 44.9 67.3#

89 1.2 43.6 65.4#

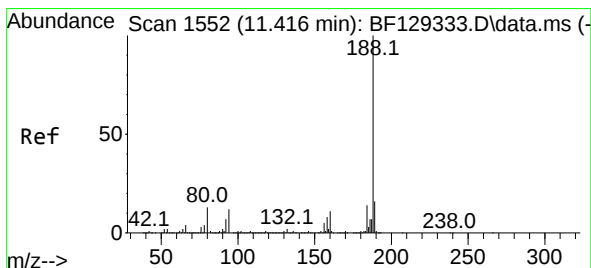
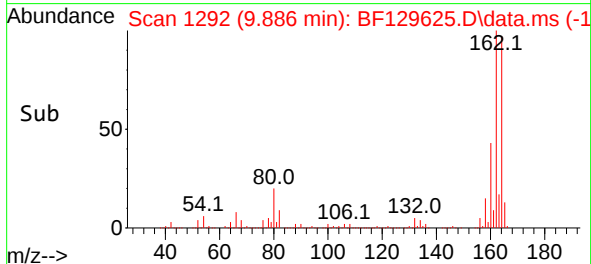
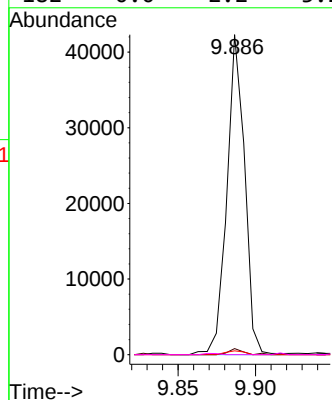
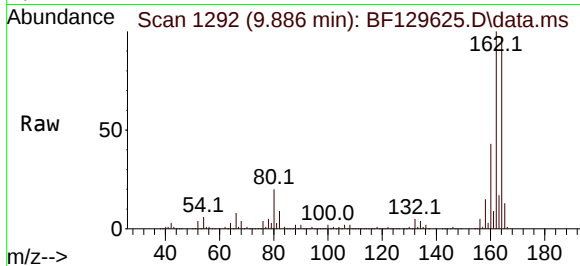




#57
2,4-Dinitrotoluene
Concen: 6.481 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF129625.D
Acq: 06 Aug 2022 05:05

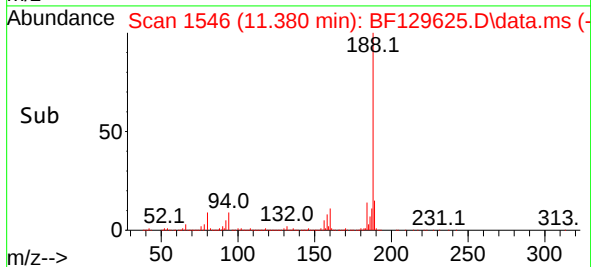
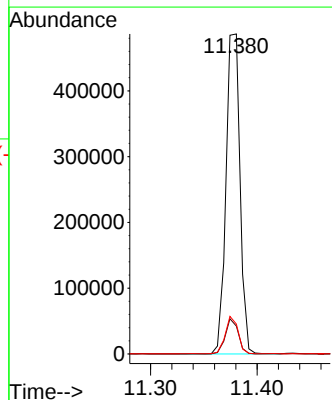
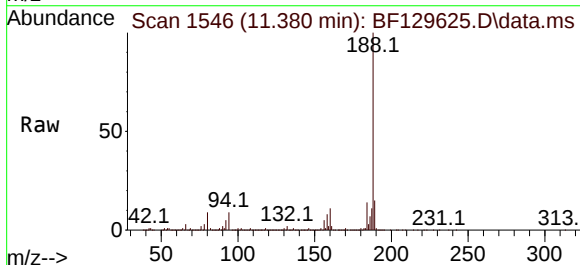
Instrument :
BNA_F
ClientSampleId :
OK-01-080422

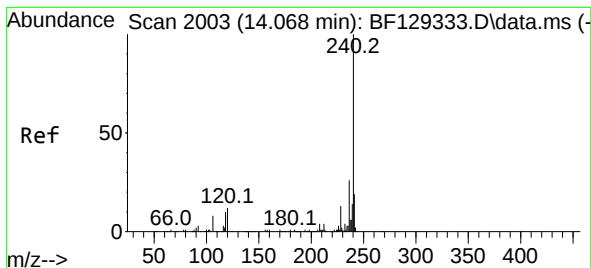
Tgt Ion:165 Resp: 33726
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF129625.D
Acq: 06 Aug 2022 05:05

Tgt Ion:188 Resp: 442866
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.3 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF129625.D

Acq: 06 Aug 2022 05:05

Instrument :

BNA_F

ClientSampleId :

OK-01-080422

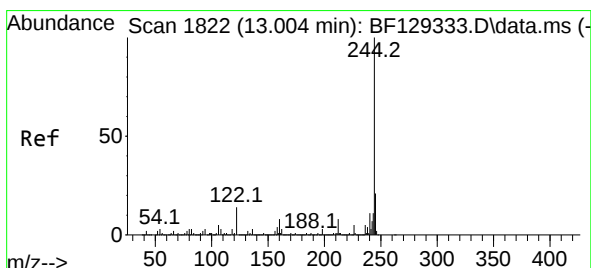
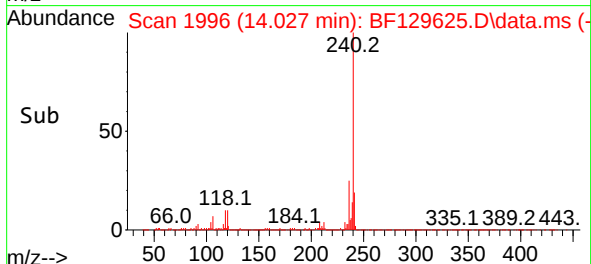
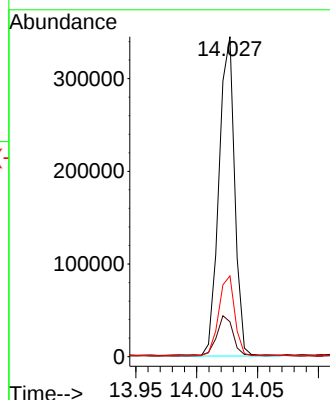
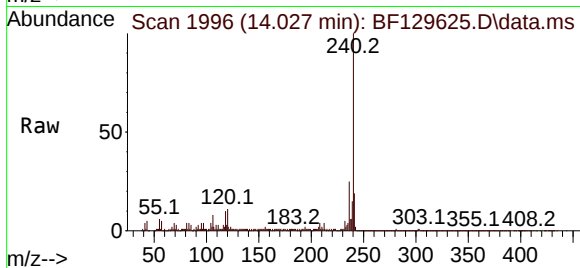
Tgt Ion:240 Resp: 310968

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.2 20.8 31.2



#79

Terphenyl-d14

Concen: 12.302 ng

RT: 12.957 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF129625.D

Acq: 06 Aug 2022 05:05

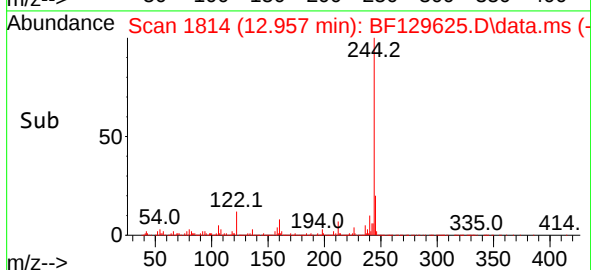
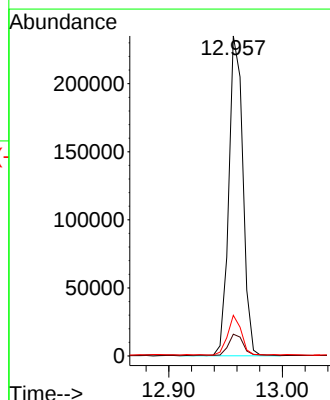
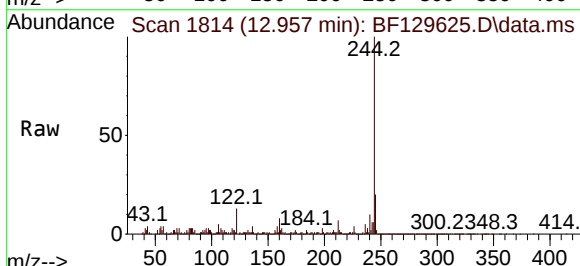
Tgt Ion:244 Resp: 202776

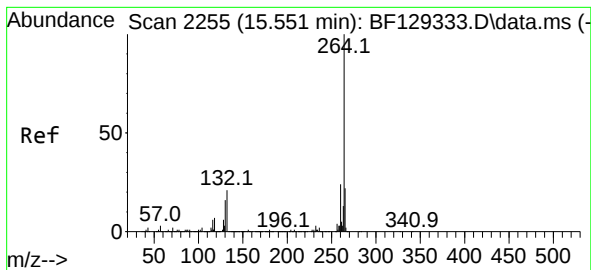
Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

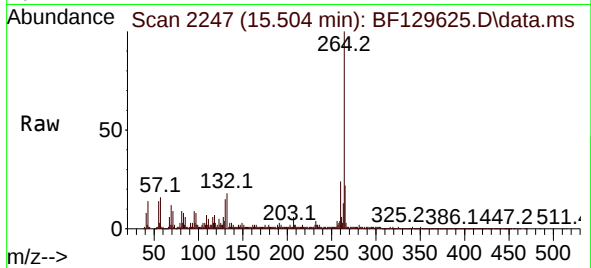
122 12.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129625.D
 Acq: 06 Aug 2022 05:05

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-080422



Tgt Ion:264 Resp: 247299
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 22.0 17.2 25.8

