

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144159.D
 Acq On : 31 Oct 2025 00:39
 Operator : RC/JU
 Sample : Q3488-02 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0299

Quant Time: Oct 31 01:33:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

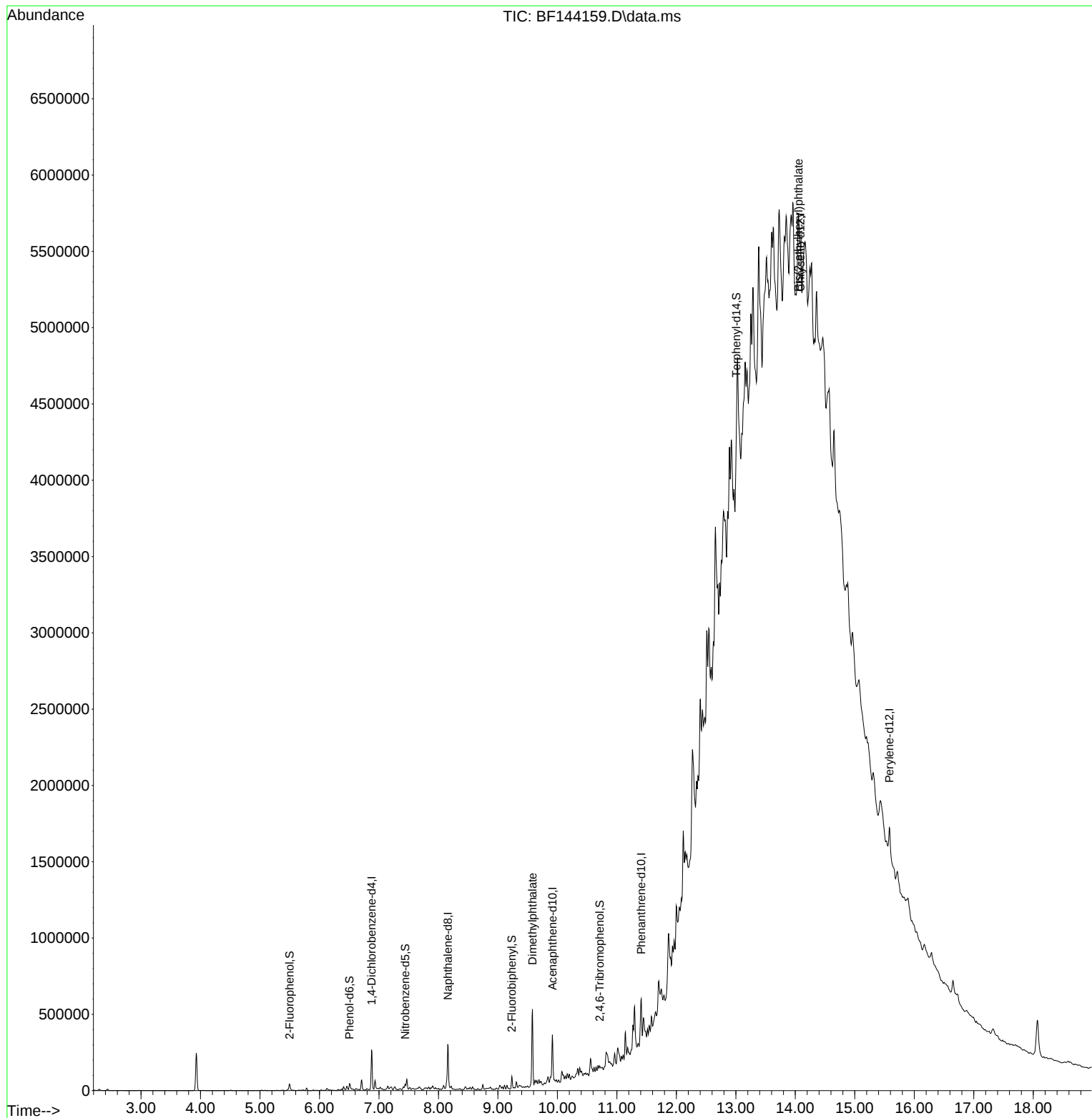
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	54539	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	192405	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	86517	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	164024	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	113094	20.000	ng	# 0.03
86) Perylene-d12	15.580	264	88998	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	24478	7.101	ng	0.00
7) Phenol-d6	6.504	99	29089	7.641	ng	0.00
23) Nitrobenzene-d5	7.440	82	16979	4.835	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	7456	6.766	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	41104	6.686	ng	0.00
79) Terphenyl-d14	13.010	244	33936	5.246	ng	0.01
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.581	163	28493	5.024	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.057	149	75272	17.925	ng	# 80

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

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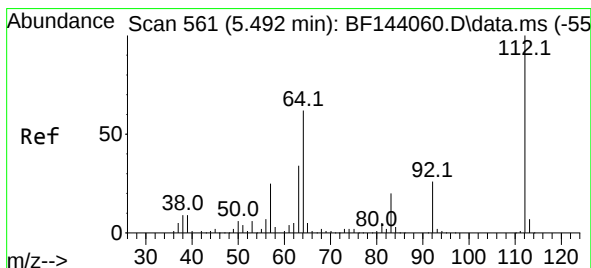
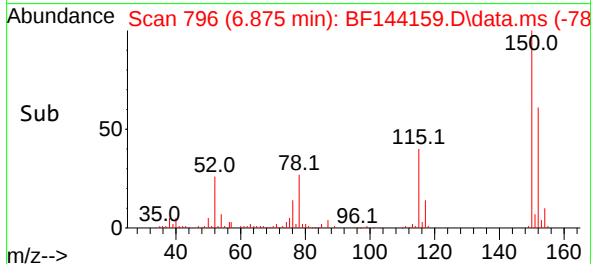
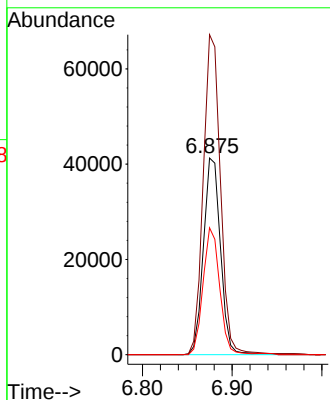
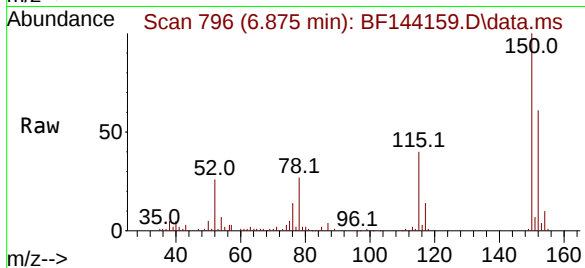




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144159.D
 Acq: 31 Oct 2025 00:39

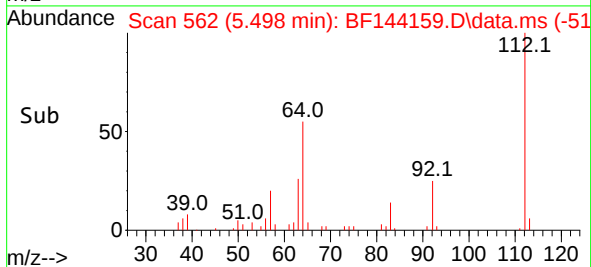
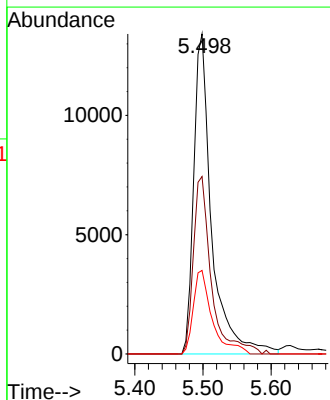
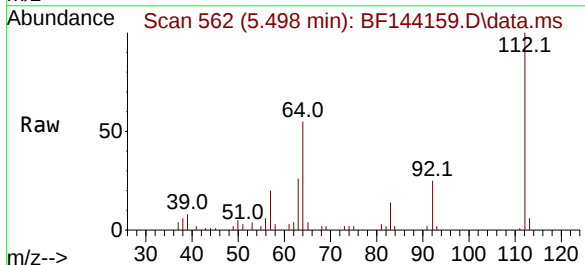
Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0299

Tgt Ion:152 Resp: 54539
 Ion Ratio Lower Upper
 152 100
 150 162.7 124.4 186.6
 115 64.5 49.4 74.0



#5
 2-Fluorophenol
 Concen: 7.101 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144159.D
 Acq: 31 Oct 2025 00:39

Tgt Ion:112 Resp: 24478
 Ion Ratio Lower Upper
 112 100
 64 55.4 49.8 74.8
 63 26.1 27.4 41.2#

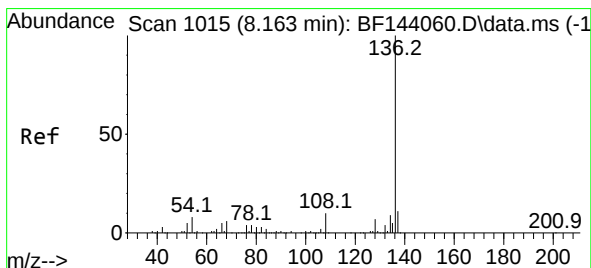
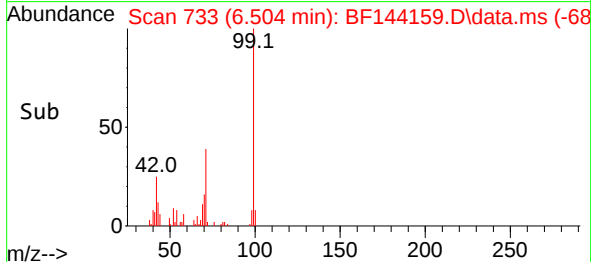
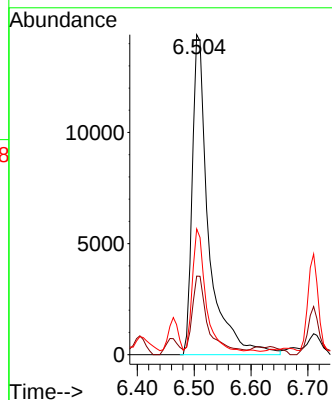
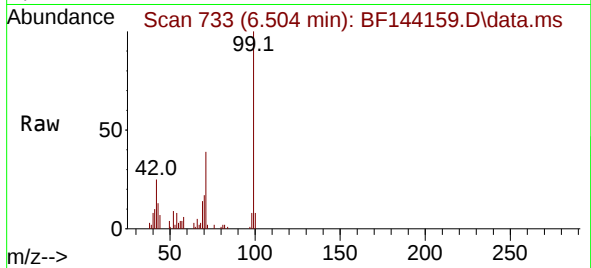




#7
Phenol-d6
Concen: 7.641 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144159.D
Acq: 31 Oct 2025 00:39

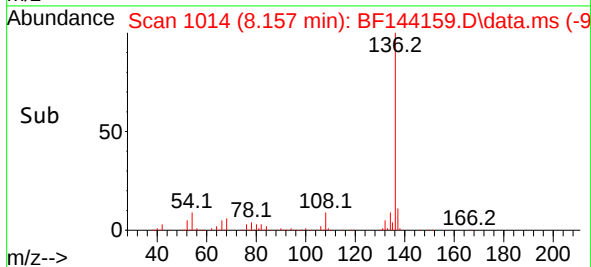
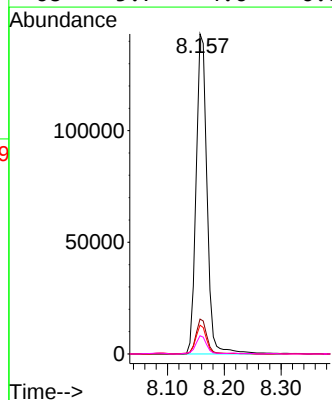
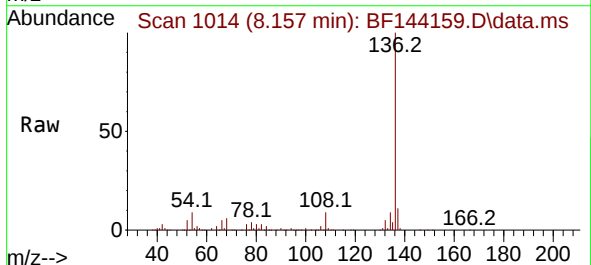
Instrument :
BNA_F
ClientSampleId :
MOO-25-0299

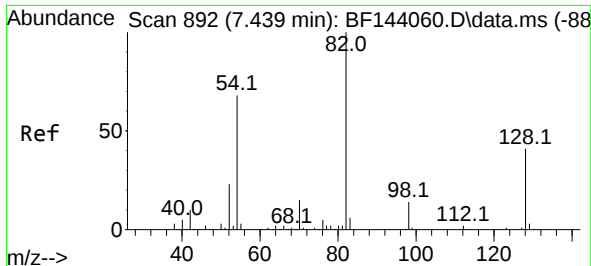
Tgt Ion: 99	Resp: 29089
Ion Ratio	Lower Upper
99 100	
42 24.6	23.9 35.9
71 39.3	34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144159.D
Acq: 31 Oct 2025 00:39

Tgt Ion: 136	Resp: 192405
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 9.0	6.6 9.8
68 5.7	4.6 6.8





#23

Nitrobenzene-d5

Concen: 4.835 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144159.D

Acq: 31 Oct 2025 00:39

Instrument :

BNA_F

ClientSampleId :

MOO-25-0299

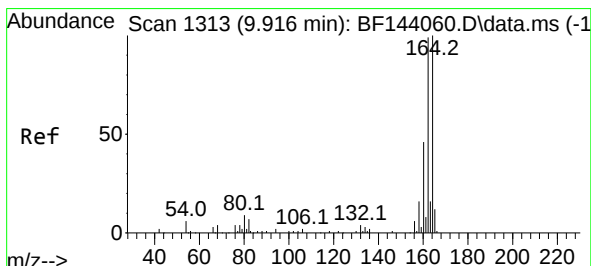
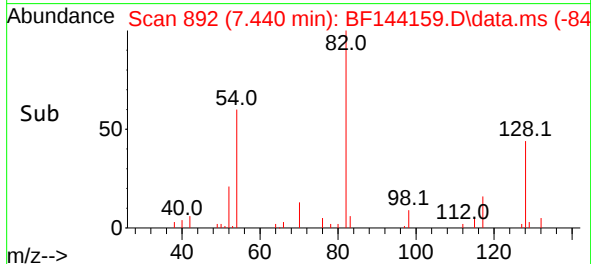
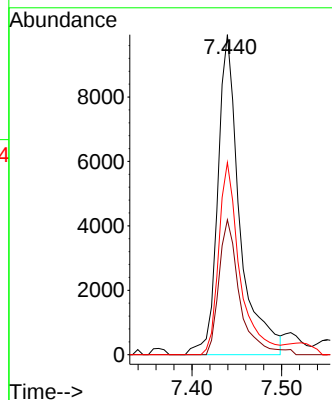
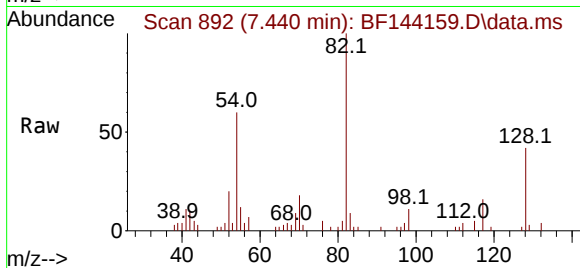
Tgt Ion: 82 Resp: 16979

Ion Ratio Lower Upper

82 100

128 42.2 32.4 48.6

54 60.0 54.0 81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144159.D

Acq: 31 Oct 2025 00:39

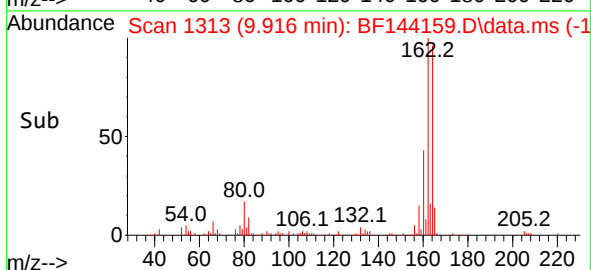
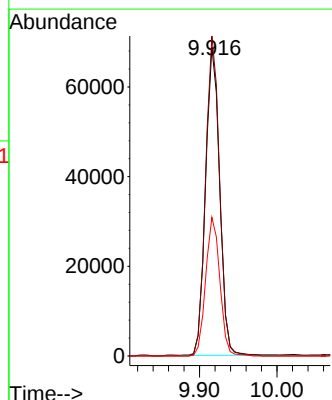
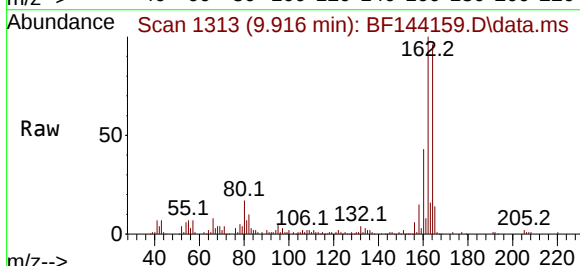
Tgt Ion:164 Resp: 86517

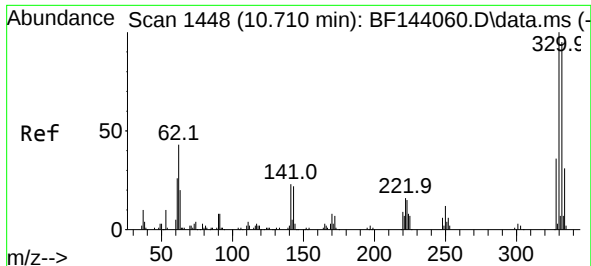
Ion Ratio Lower Upper

164 100

162 103.6 79.4 119.2

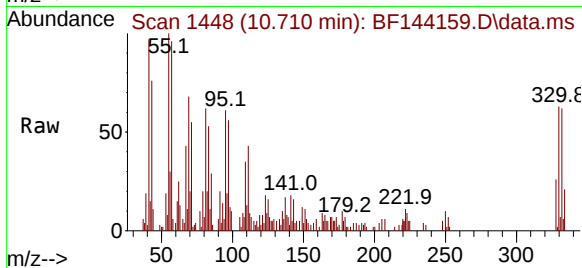
160 44.9 36.7 55.1



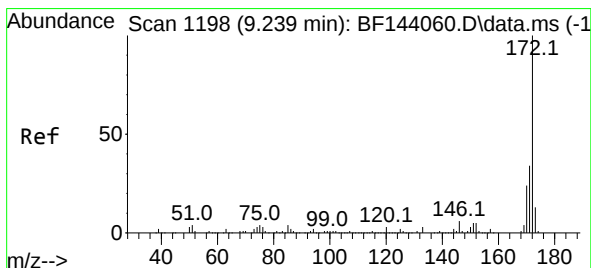
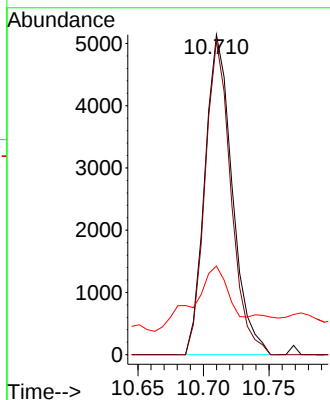
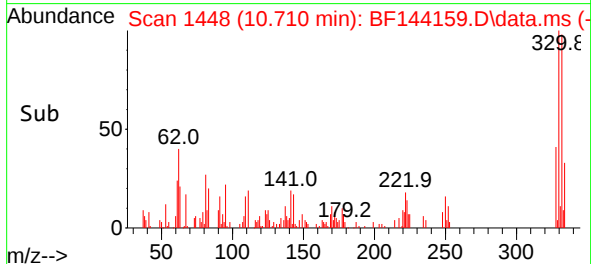


#42
2,4,6-Tribromophenol
Concen: 6.766 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144159.D
Acq: 31 Oct 2025 00:39

Instrument :
BNA_F
ClientSampleId :
MOO-25-0299

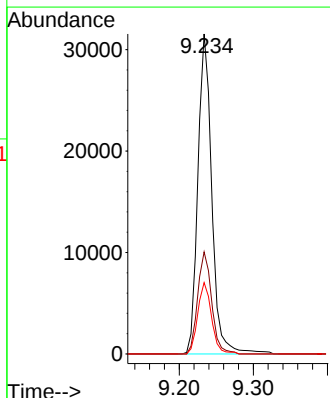
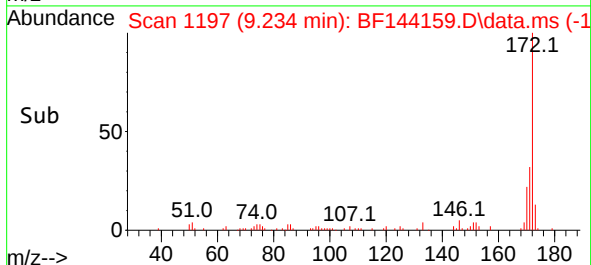
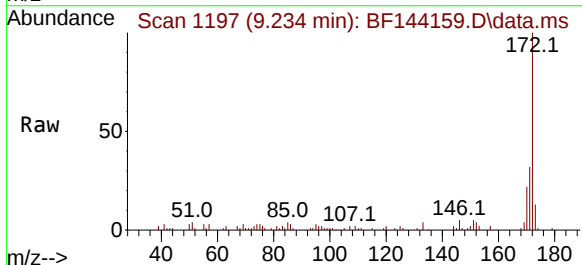


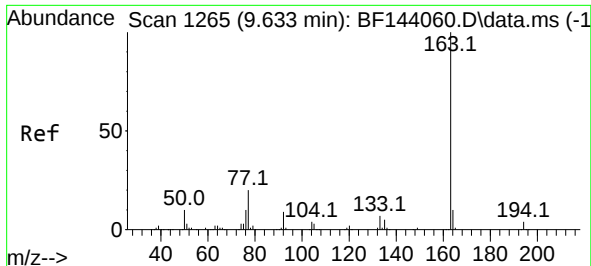
Tgt Ion: 330 Resp: 7456
Ion Ratio Lower Upper
330 100
332 93.2 77.0 115.6
141 27.5 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 6.686 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144159.D
Acq: 31 Oct 2025 00:39

Tgt Ion: 172 Resp: 41104
Ion Ratio Lower Upper
172 100
171 31.9 27.5 41.3
170 22.3 19.0 28.6

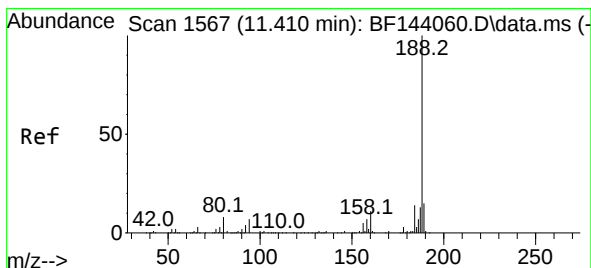
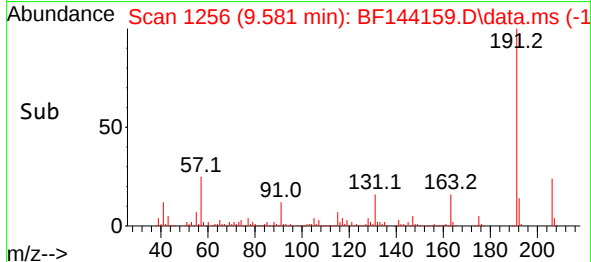
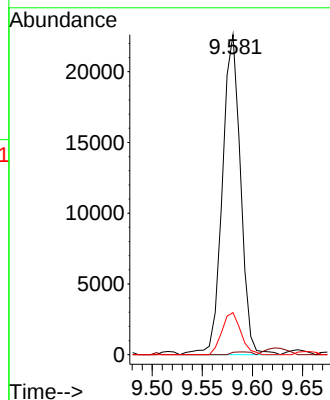
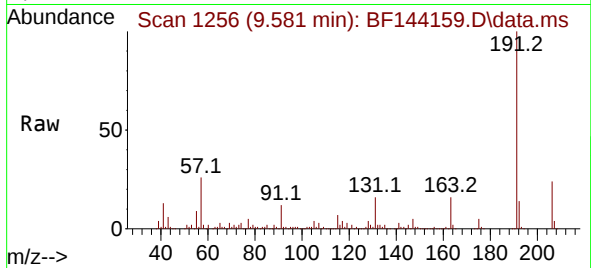




#50
Dimethylphthalate
Concen: 5.024 ng
RT: 9.581 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF144159.D
Acq: 31 Oct 2025 00:39

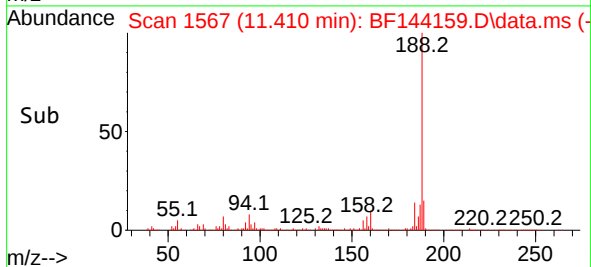
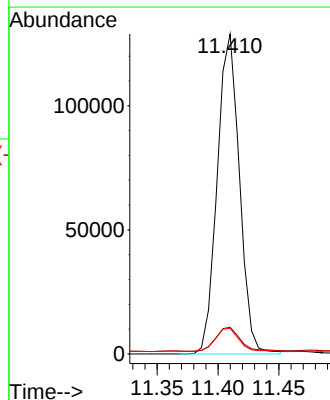
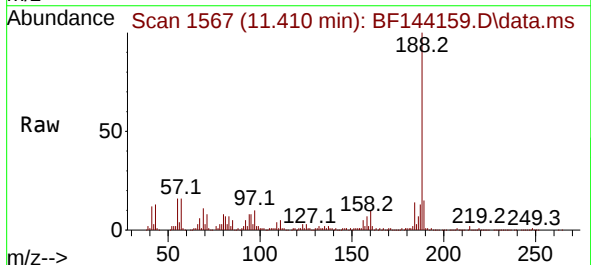
Instrument :
BNA_F
ClientSampleId :
MOO-25-0299

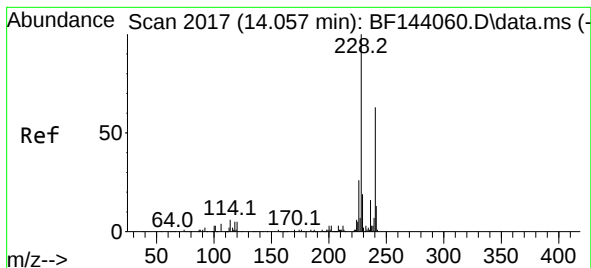
Tgt Ion:163 Resp: 28493
Ion Ratio Lower Upper
163 100
194 0.8 3.4 5.0#
164 13.2 7.8 11.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144159.D
Acq: 31 Oct 2025 00:39

Tgt Ion:188 Resp: 164024
Ion Ratio Lower Upper
188 100
94 8.4 5.4 8.0#
80 8.0 6.0 9.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.030 min

Lab File: BF144159.D

Acq: 31 Oct 2025 00:39

Instrument :

BNA_F

ClientSampleId :

MOO-25-0299

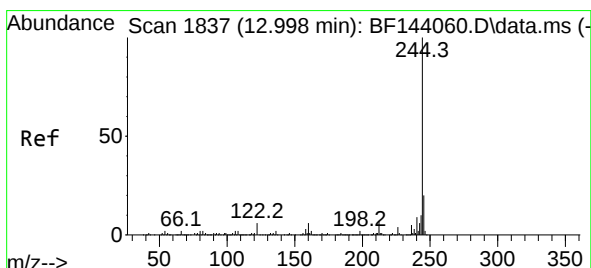
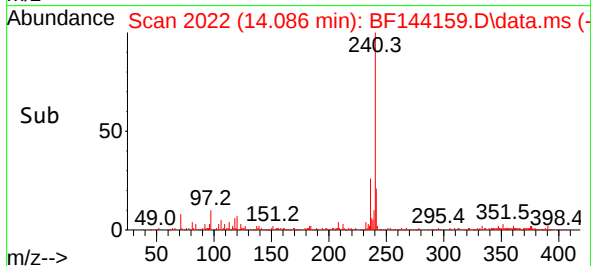
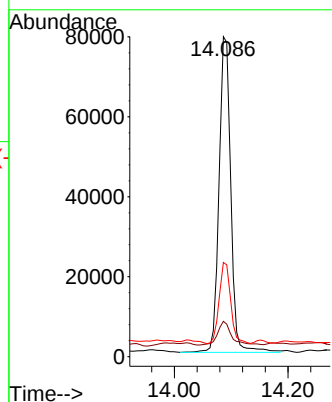
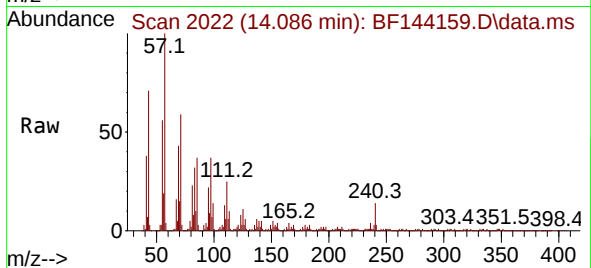
Tgt Ion:240 Resp: 113094

Ion Ratio Lower Upper

240 100

120 11.1 6.5 9.7#

236 29.4 20.1 30.1



#79

Terphenyl-d14

Concen: 5.246 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.012 min

Lab File: BF144159.D

Acq: 31 Oct 2025 00:39

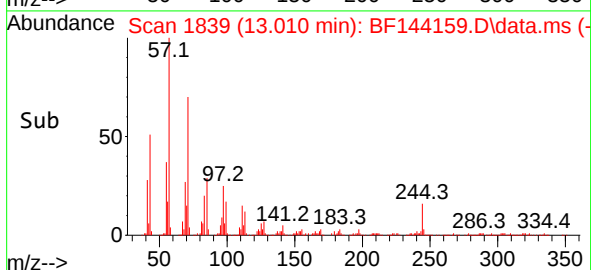
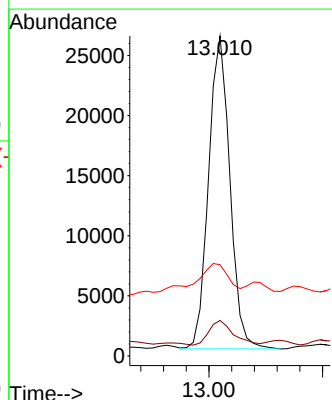
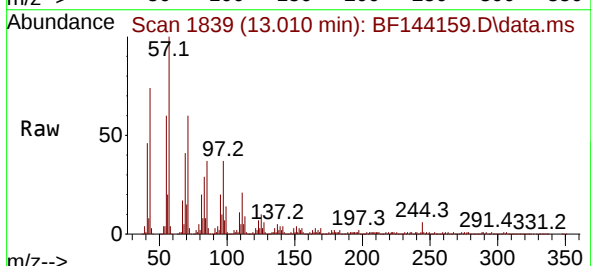
Tgt Ion:244 Resp: 33936

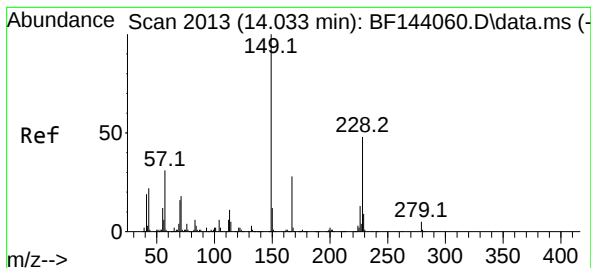
Ion Ratio Lower Upper

244 100

212 11.1 5.8 8.6#

122 28.5 4.9 7.3#

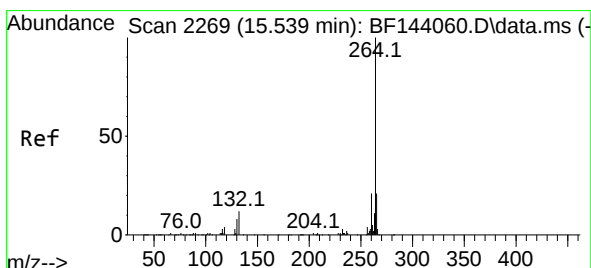
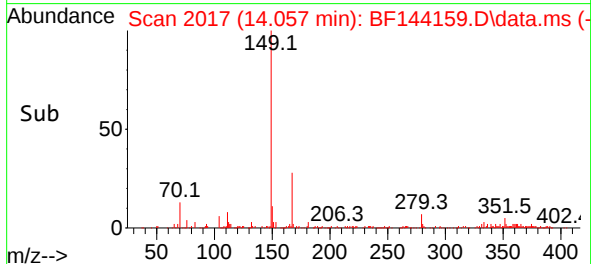
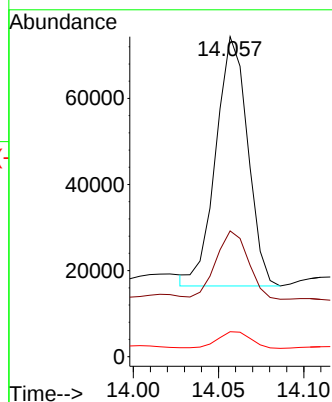
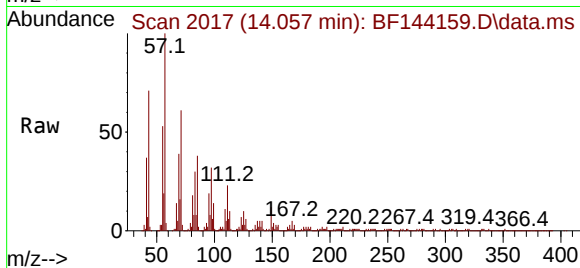




#84
Bis(2-ethylhexyl)phthalate
Concen: 17.925 ng
RT: 14.057 min Scan# 2013
Delta R.T. 0.024 min
Lab File: BF144159.D
Acq: 31 Oct 2025 00:39

Instrument :
BNA_F
ClientSampleId :
MOO-25-0299

Tgt Ion:149 Resp: 75272
Ion Ratio Lower Upper
149 100
167 39.3 22.5 33.7#
279 7.8 3.6 5.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.041 min
Lab File: BF144159.D
Acq: 31 Oct 2025 00:39

Tgt Ion:264 Resp: 88998
Ion Ratio Lower Upper
264 100
260 22.9 17.0 25.4
265 23.1 16.6 24.8

