

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143208.D
 Acq On : 23 Jul 2025 00:41
 Operator : RC/JU
 Sample : Q2660-03 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0218

Quant Time: Jul 23 04:56:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

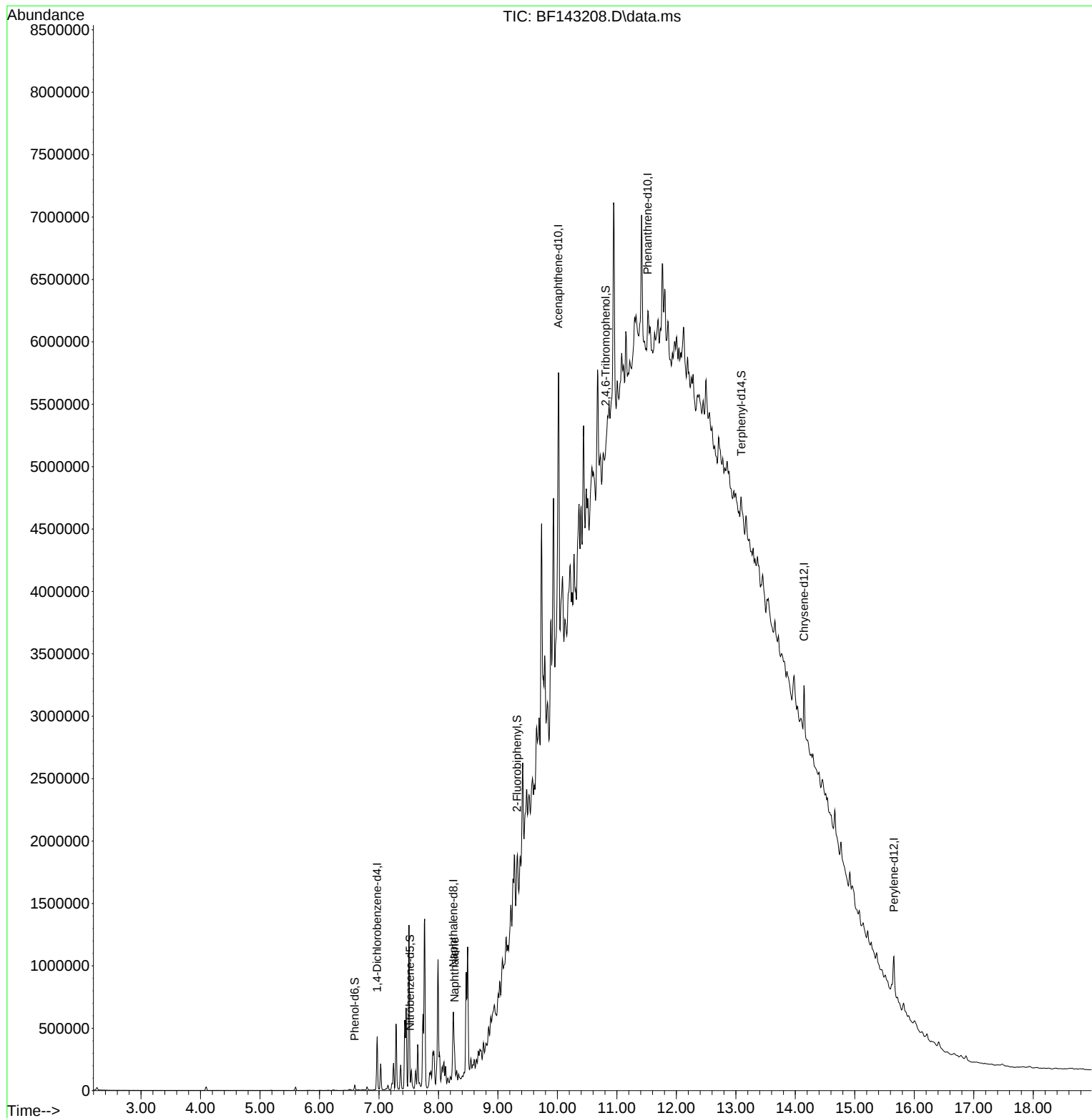
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	84926	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	289745	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	106353	20.000	ng	0.02
64) Phenanthrene-d10	11.516	188	154749	20.000	ng	# 0.03
76) Chrysene-d12	14.145	240	205130	20.000	ng	# 0.02
86) Perylene-d12	15.656	264	184400	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	9317	1.736	ng	0.01
7) Phenol-d6	6.592	99	17044	2.523	ng	0.00
23) Nitrobenzene-d5	7.522	82	13416	2.308	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	4248	3.866	ng	0.02
45) 2-Fluorobiphenyl	9.322	172	31135	4.004	ng	0.00
79) Terphenyl-d14	13.092	244	29958	2.173	ng	0.02
Target Compounds						
31) Naphthalene	8.269	128	66390	4.653	ng	Qvalue 98

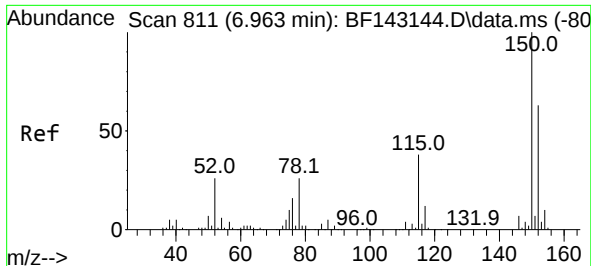
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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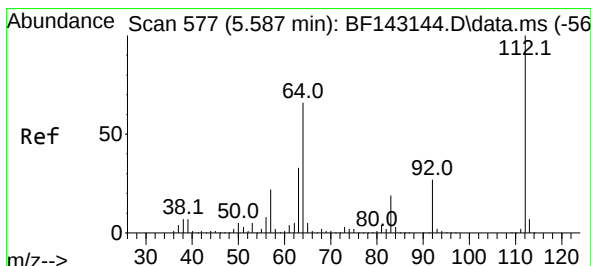
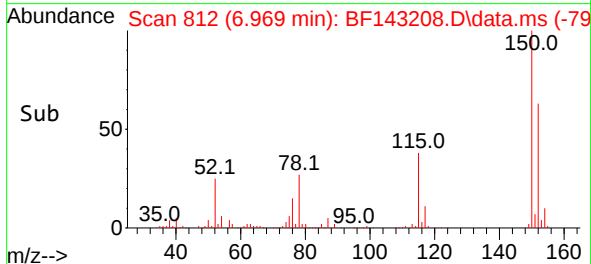
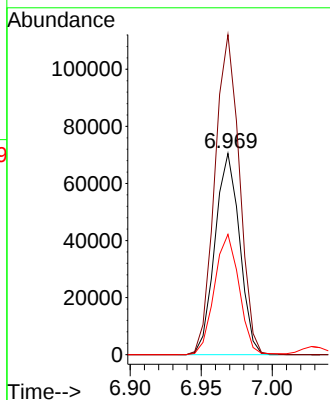
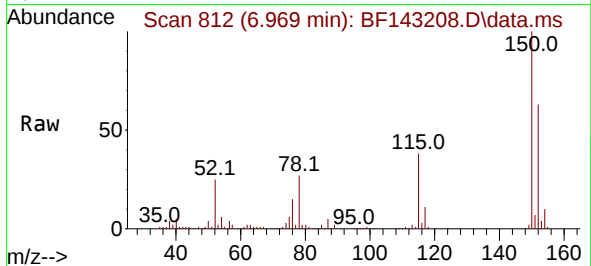




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143208.D
Acq: 23 Jul 2025 00:41

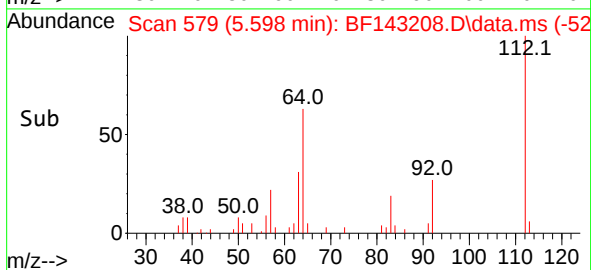
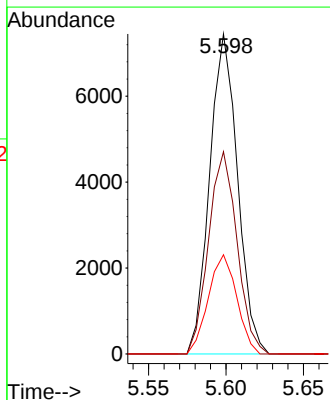
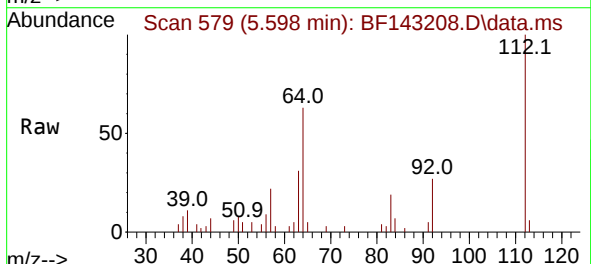
Instrument :
BNA_F
ClientSampleId :
MOO-25-0218

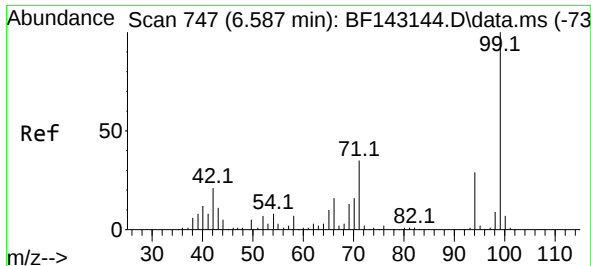
Tgt Ion:152 Resp: 84926
Ion Ratio Lower Upper
152 100
150 159.0 128.2 192.4
115 59.8 47.9 71.9



#5
2-Fluorophenol
Concen: 1.736 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143208.D
Acq: 23 Jul 2025 00:41

Tgt Ion:112 Resp: 9317
Ion Ratio Lower Upper
112 100
64 63.2 53.1 79.7
63 31.0 26.6 40.0

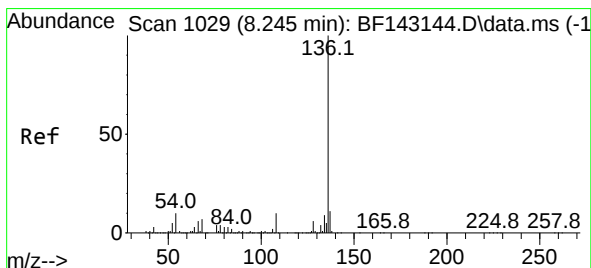
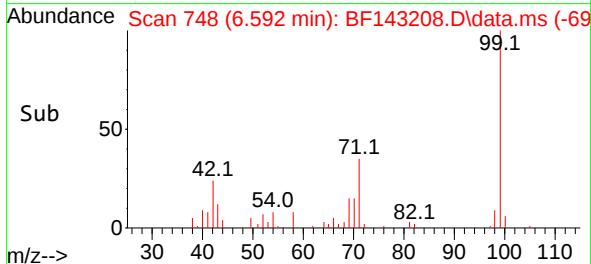
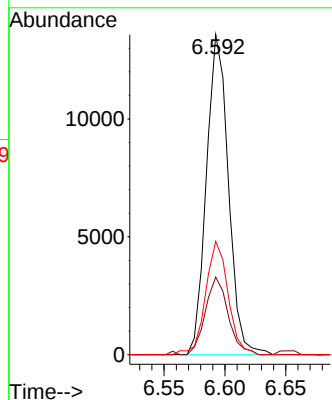
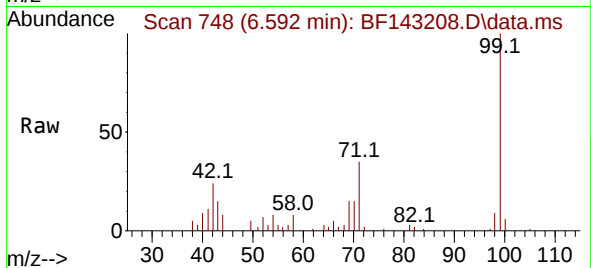




#7
Phenol-d6
Concen: 2.523 ng
RT: 6.592 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143208.D
Acq: 23 Jul 2025 00:41

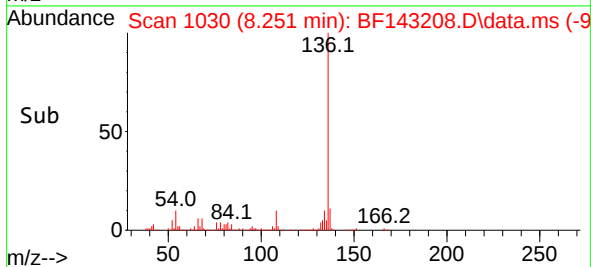
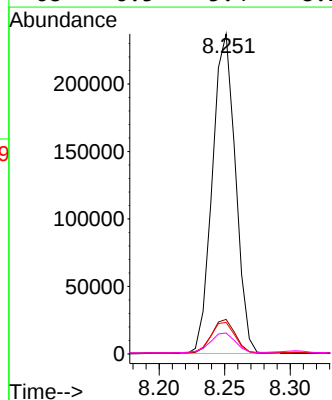
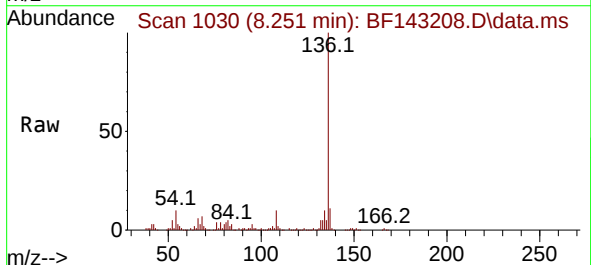
Instrument :
BNA_F
ClientSampleId :
MOO-25-0218

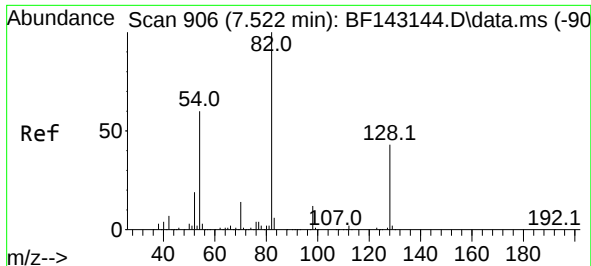
Tgt Ion: 99 Resp: 17044
Ion Ratio Lower Upper
99 100
42 24.3 17.0 25.6
71 35.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF143208.D
Acq: 23 Jul 2025 00:41

Tgt Ion: 136 Resp: 289745
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.8 8.2 12.2
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 2.308 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143208.D

Acq: 23 Jul 2025 00:41

Instrument :

BNA_F

ClientSampleId :

MOO-25-0218

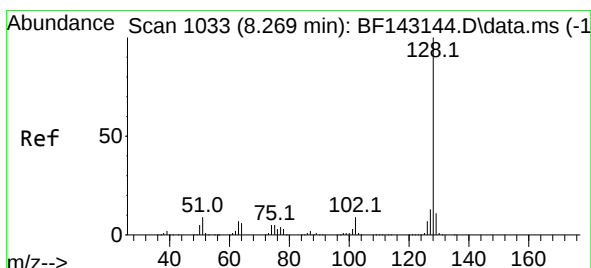
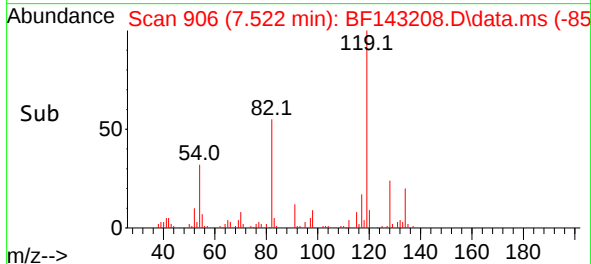
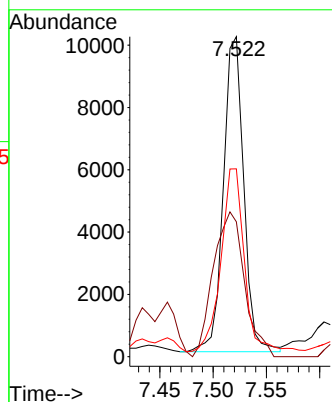
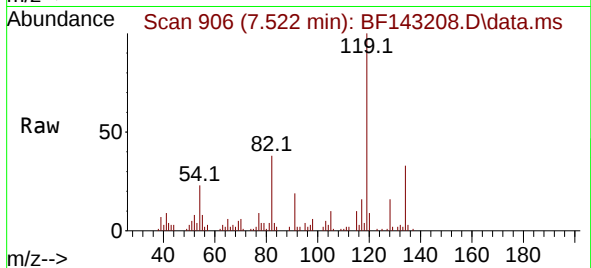
Tgt Ion: 82 Resp: 13416

Ion Ratio Lower Upper

82 100

128 42.2 33.6 50.4

54 58.7 47.1 70.7



#31

Naphthalene

Concen: 4.653 ng

RT: 8.269 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BF143208.D

Acq: 23 Jul 2025 00:41

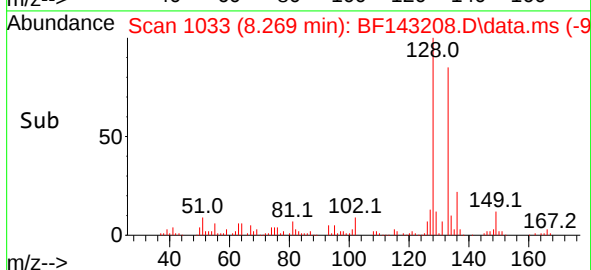
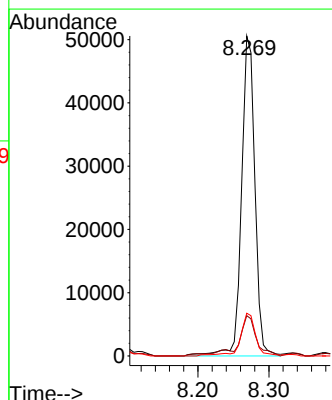
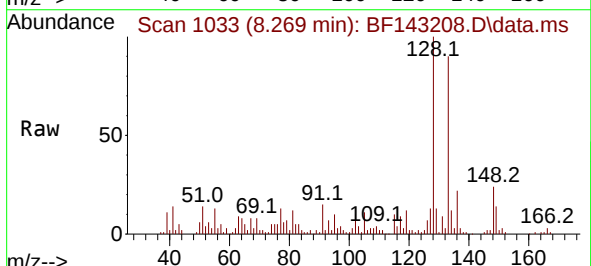
Tgt Ion: 128 Resp: 66390

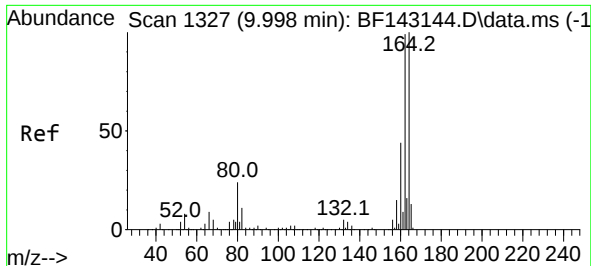
Ion Ratio Lower Upper

128 100

129 12.6 9.0 13.4

127 13.4 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF143208.D

Acq: 23 Jul 2025 00:41

Instrument :

BNA_F

ClientSampleId :

MOO-25-0218

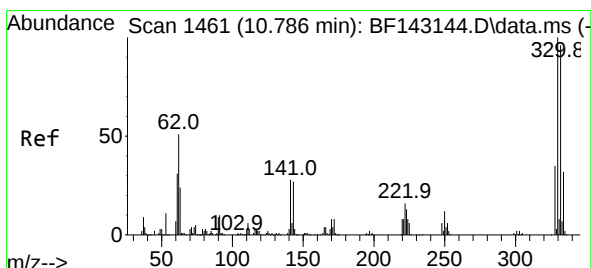
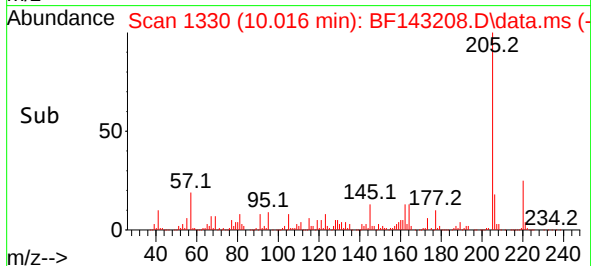
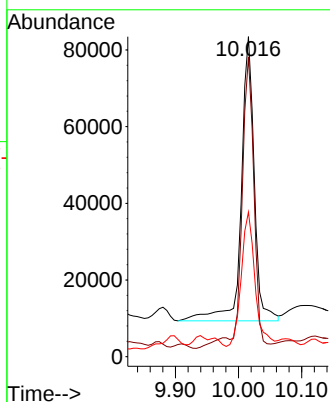
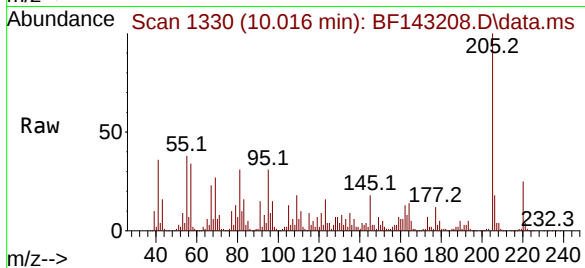
Tgt Ion:164 Resp: 106353

Ion Ratio Lower Upper

164 100

162 93.7 79.0 118.6

160 45.2 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 3.866 ng

RT: 10.810 min Scan# 1465

Delta R.T. 0.023 min

Lab File: BF143208.D

Acq: 23 Jul 2025 00:41

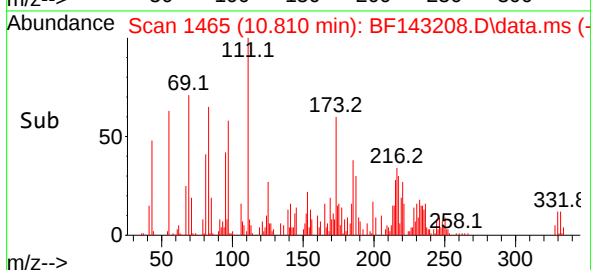
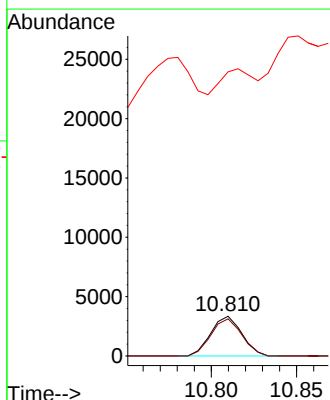
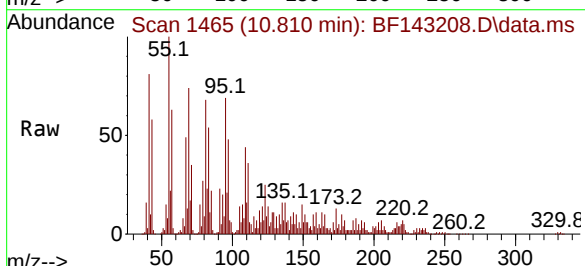
Tgt Ion:330 Resp: 4248

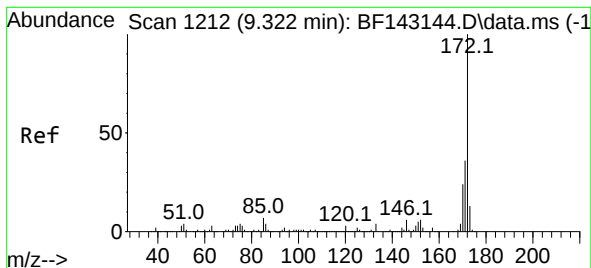
Ion Ratio Lower Upper

330 100

332 93.0 76.7 115.1

141 65.5 23.3 34.9#





#45

2-Fluorobiphenyl

Concen: 4.004 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143208.D

Acq: 23 Jul 2025 00:41

Instrument :

BNA_F

ClientSampleId :

MOO-25-0218

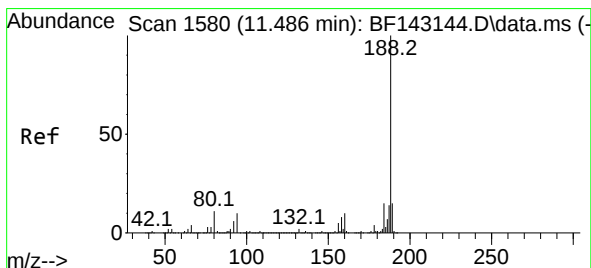
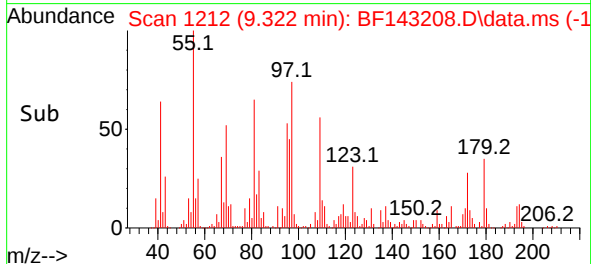
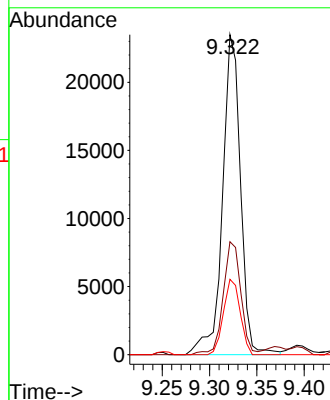
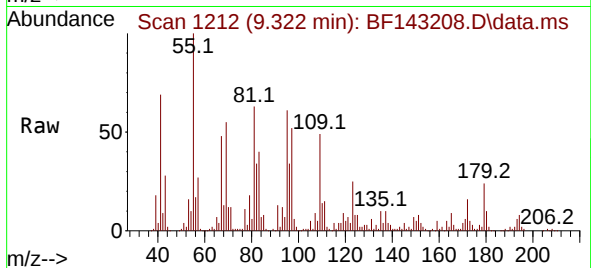
Tgt Ion:172 Resp: 31135

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.6 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.029 min

Lab File: BF143208.D

Acq: 23 Jul 2025 00:41

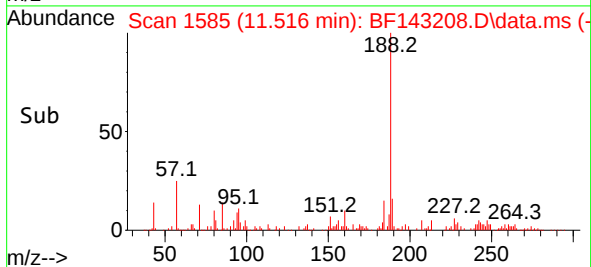
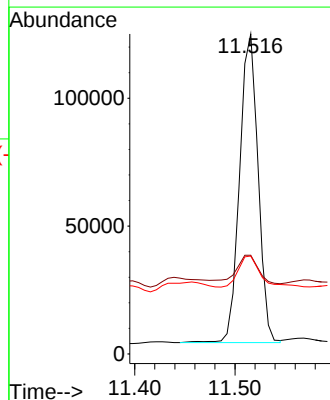
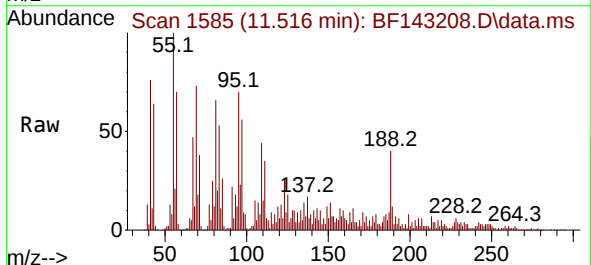
Tgt Ion:188 Resp: 154749

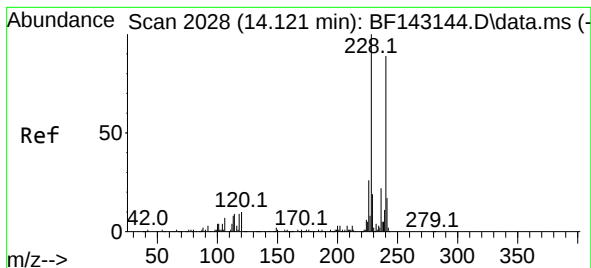
Ion Ratio Lower Upper

188 100

94 30.8 8.3 12.5#

80 30.6 9.0 13.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 20

Delta R.T. 0.023 min

Lab File: BF143208.D

Acq: 23 Jul 2025 00:41

Instrument :

BNA_F

ClientSampleId :

MOO-25-0218

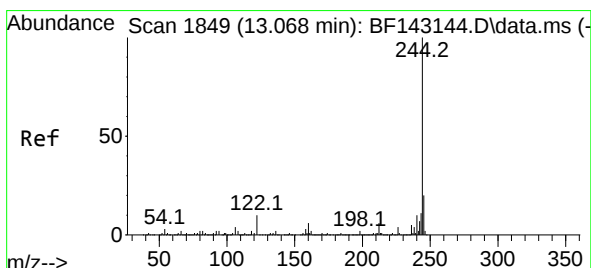
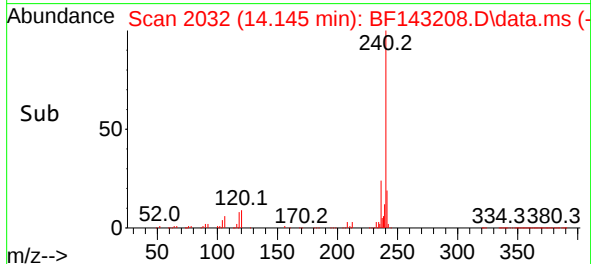
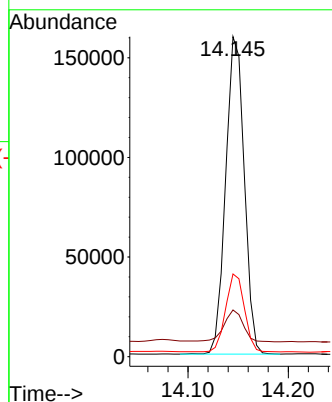
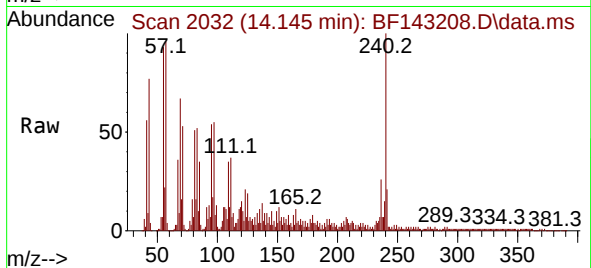
Tgt Ion:240 Resp: 205130

Ion Ratio Lower Upper

240 100

120 14.6 9.4 14.2#

236 25.8 20.2 30.4



#79

Terphenyl-d14

Concen: 2.173 ng

RT: 13.092 min Scan# 1853

Delta R.T. 0.023 min

Lab File: BF143208.D

Acq: 23 Jul 2025 00:41

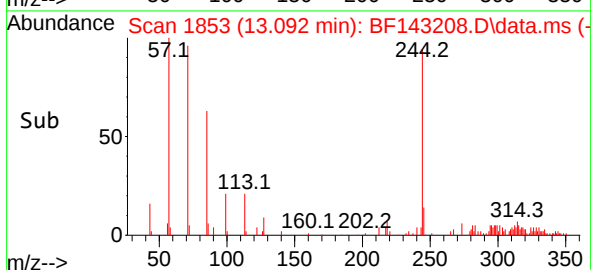
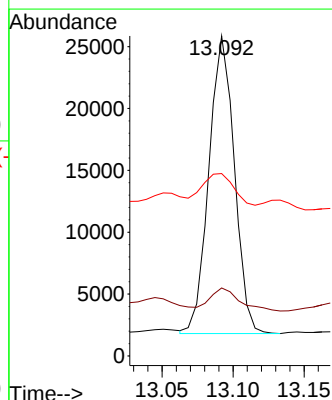
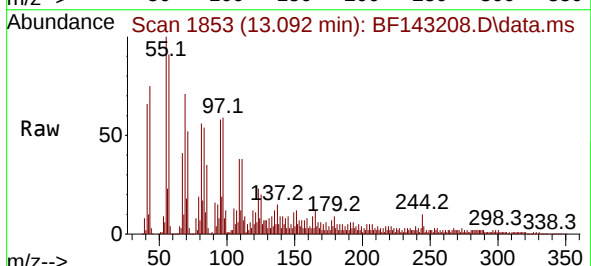
Tgt Ion:244 Resp: 29958

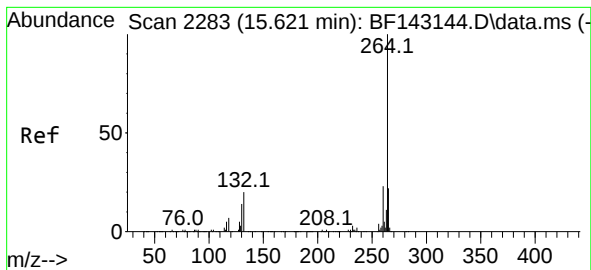
Ion Ratio Lower Upper

244 100

212 21.2 5.2 7.8#

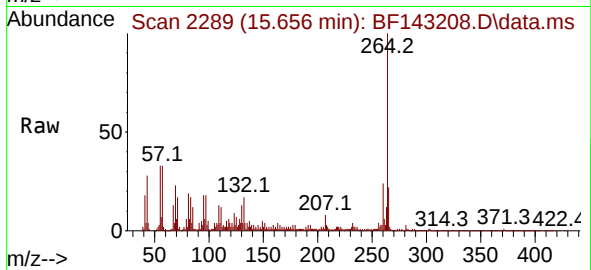
122 57.0 8.2 12.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.656 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF143208.D
Acq: 23 Jul 2025 00:41

Instrument :
BNA_F
ClientSampleId :
MOO-25-0218



Tgt Ion:264 Resp: 184400

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.9	17.4	26.2

