

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143235.D
Acq On : 24 Jul 2025 15:58
Operator : RC/JU
Sample : Q2668-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Jul 24 16:42:12 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	6.963	152	113808	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	398702	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	175725	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	267515	20.000	ng	0.00
76) Chrysene-d12	14.116	240	273654	20.000	ng	0.00
86) Perylene-d12	15.621	264	228085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	687263	95.562	ng	0.00
7) Phenol-d6	6.587	99	864874	95.543	ng	0.00
23) Nitrobenzene-d5	7.516	82	565351	70.682	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	169082	93.141	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	889759	69.248	ng	0.00
79) Terphenyl-d14	13.063	244	835331	45.425	ng	0.00

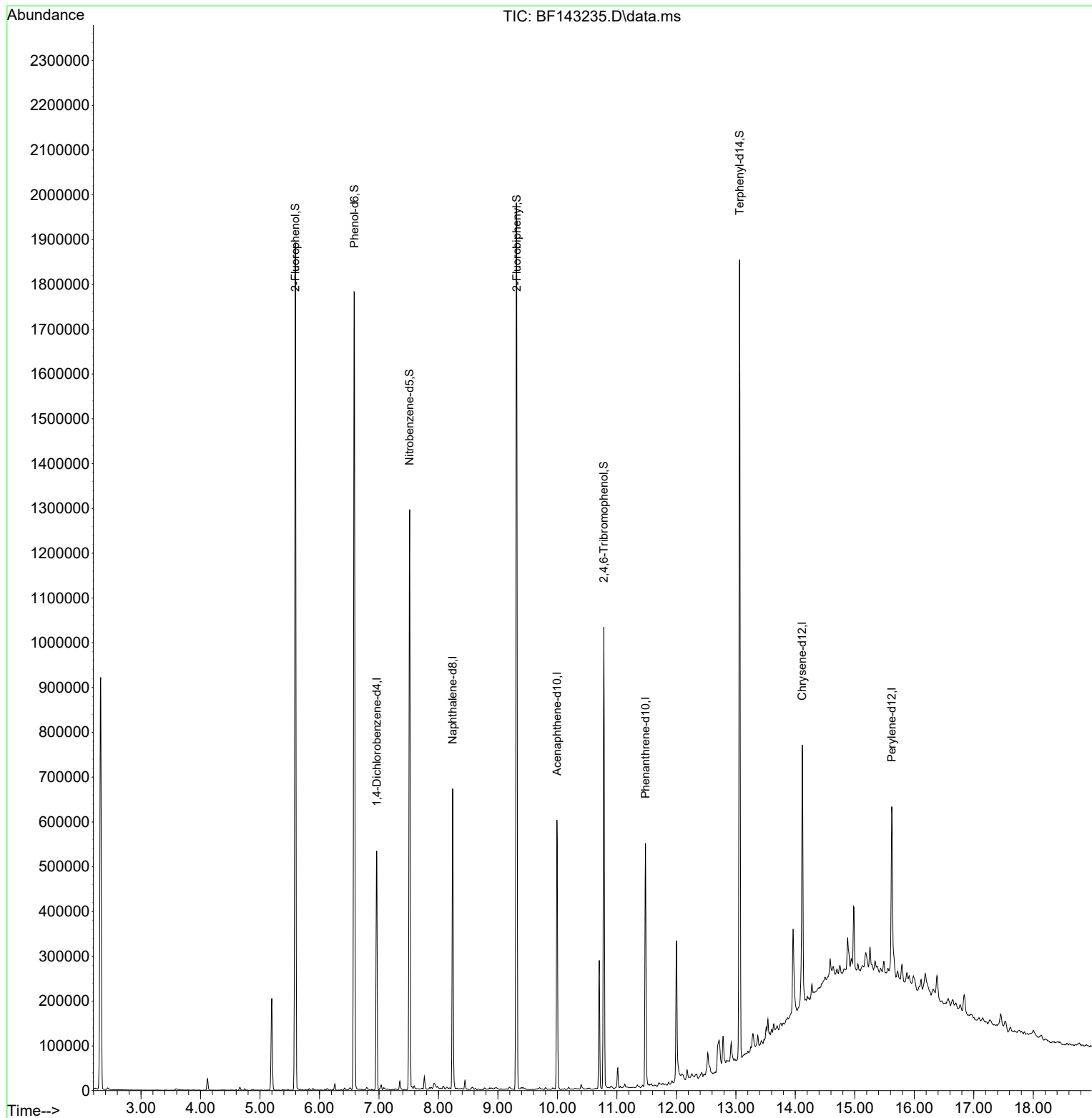
Target Compounds	Qvalue

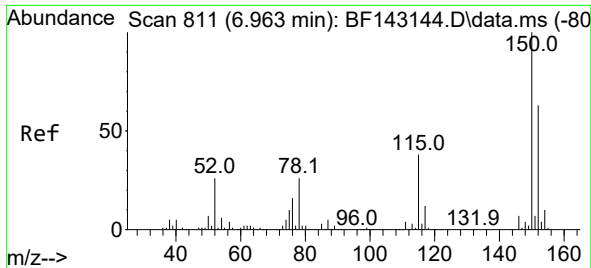
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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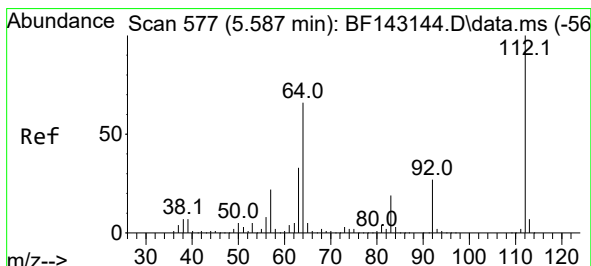
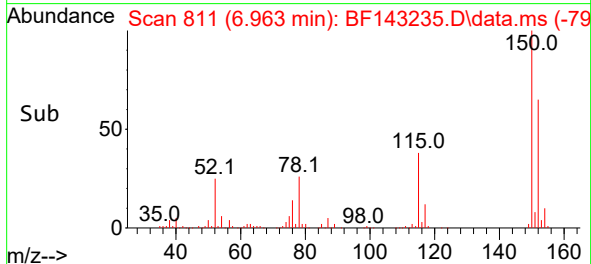
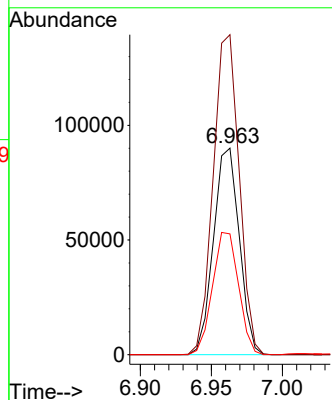
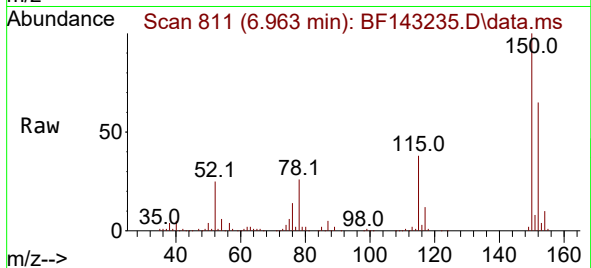




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143235.D
 Acq: 24 Jul 2025 15:58

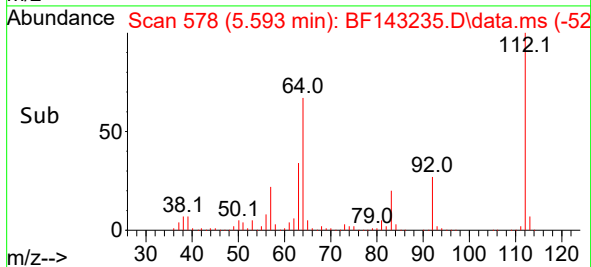
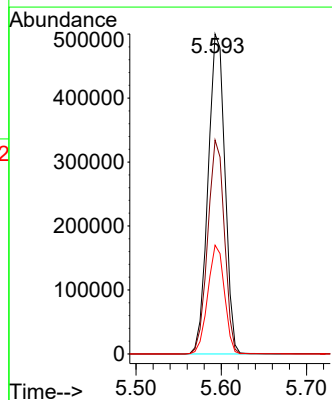
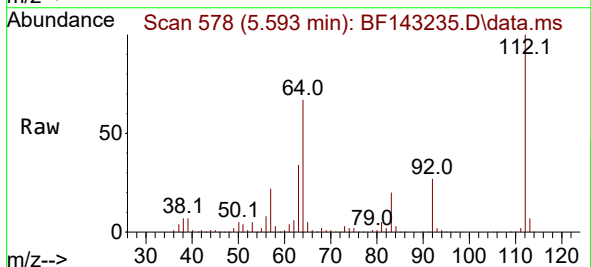
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

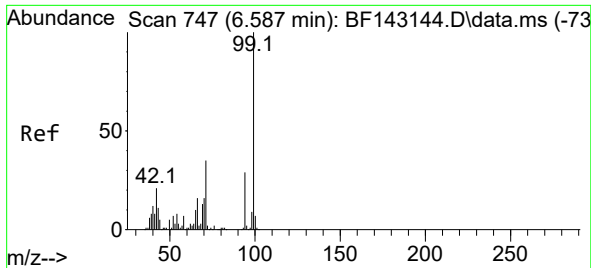
Tgt Ion:152 Resp: 113808
 Ion Ratio Lower Upper
 152 100
 150 154.9 128.2 192.4
 115 58.5 47.9 71.9



#5
 2-Fluorophenol
 Concen: 95.562 ng
 RT: 5.593 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: BF143235.D
 Acq: 24 Jul 2025 15:58

Tgt Ion:112 Resp: 687263
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.1 79.7
 63 34.0 26.6 40.0

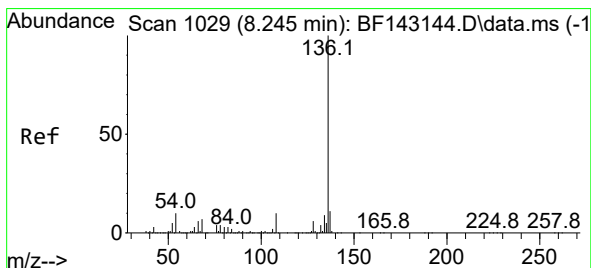
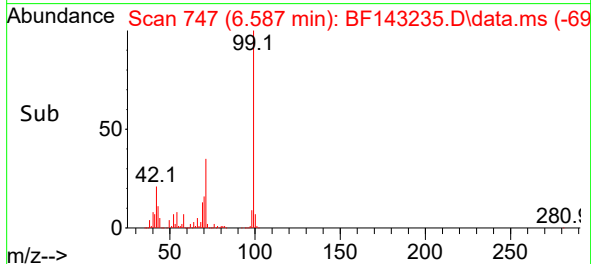
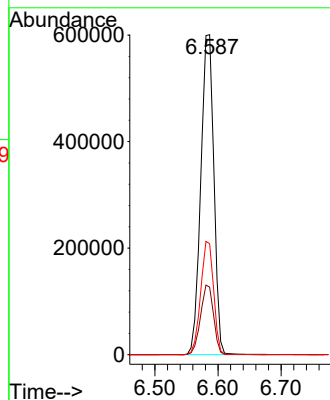
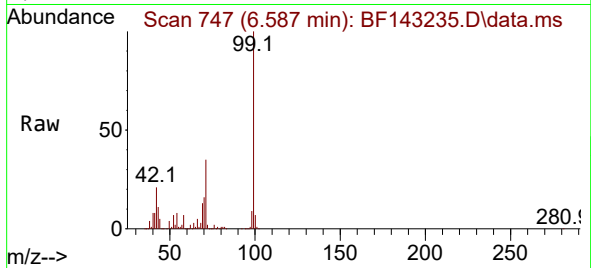




#7
Phenol-d6
Concen: 95.543 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143235.D
Acq: 24 Jul 2025 15:58

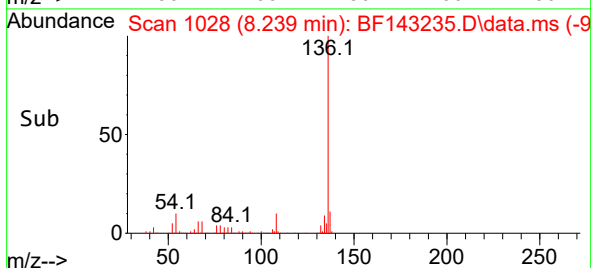
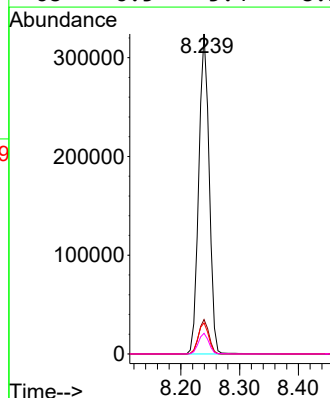
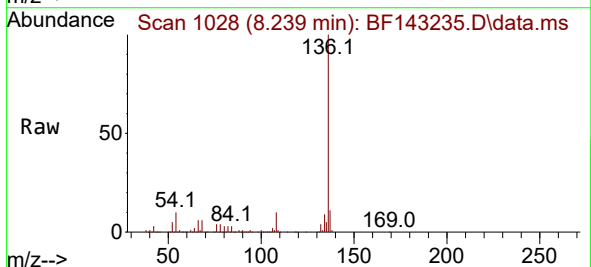
Instrument :
BNA_F
ClientSampleId :
TP-1

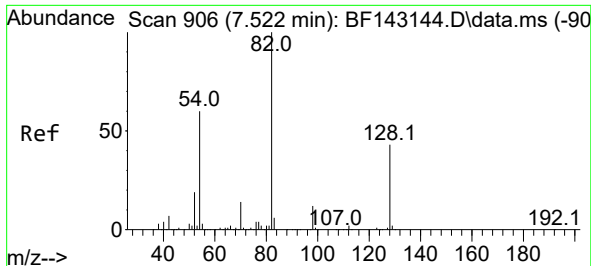
Tgt Ion: 99 Resp: 864874
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143235.D
Acq: 24 Jul 2025 15:58

Tgt Ion: 136 Resp: 398702
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 8.2 12.2
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 70.682 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143235.D

Acq: 24 Jul 2025 15:58

Instrument :

BNA_F

ClientSampleId :

TP-1

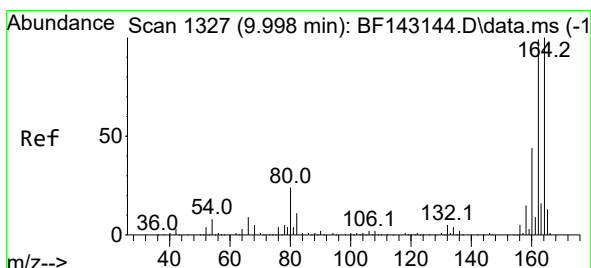
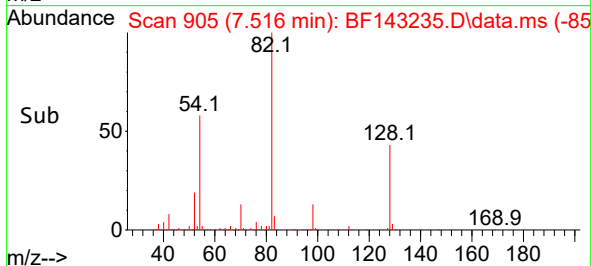
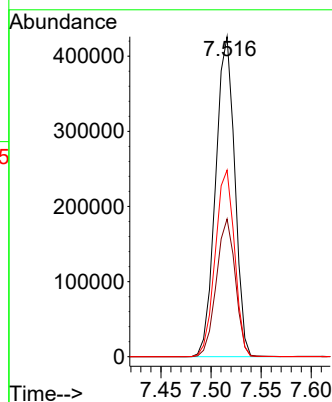
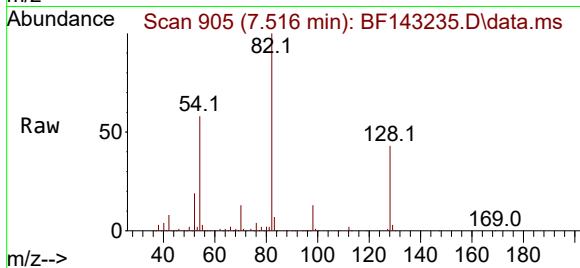
Tgt Ion: 82 Resp: 565351

Ion Ratio Lower Upper

82 100

128 43.0 33.6 50.4

54 58.3 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF143235.D

Acq: 24 Jul 2025 15:58

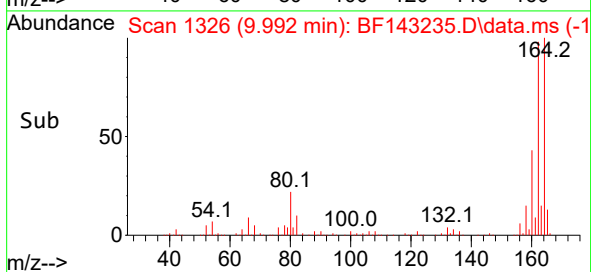
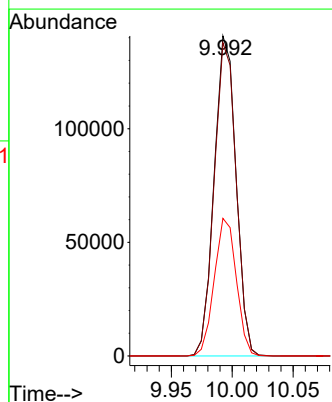
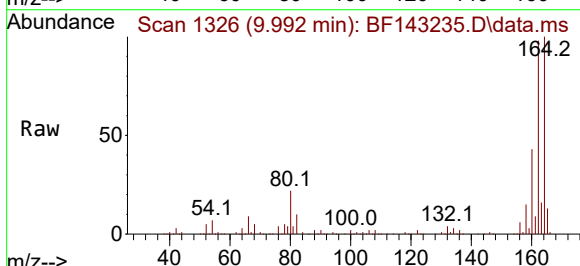
Tgt Ion: 164 Resp: 175725

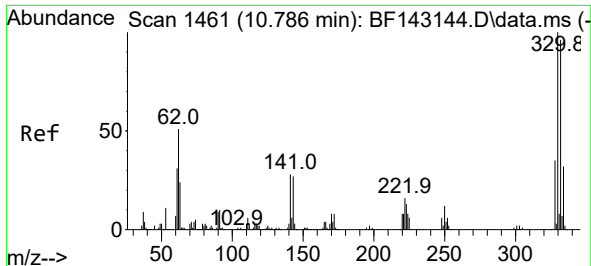
Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

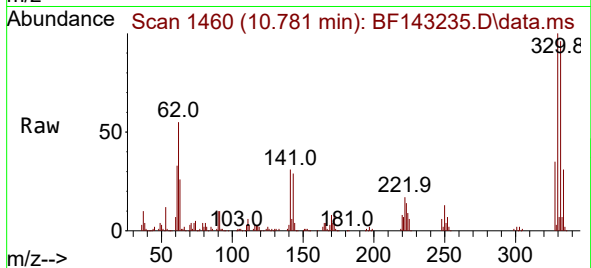
160 43.0 35.1 52.7



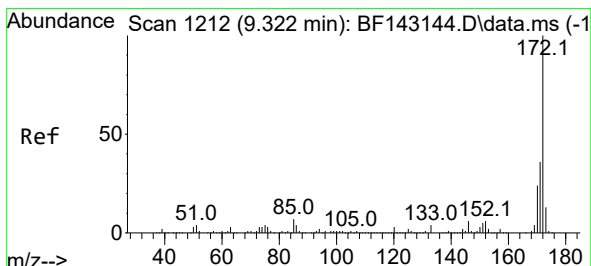
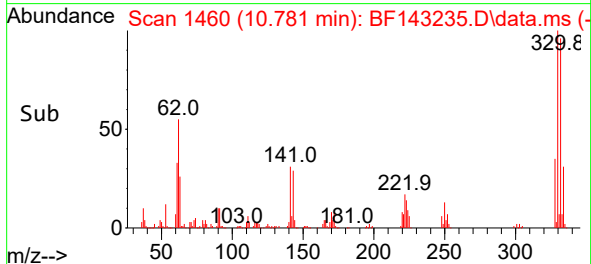
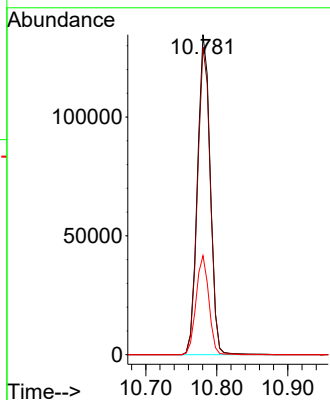


#42
2,4,6-Tribromophenol
Concen: 93.141 ng
RT: 10.781 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143235.D
Acq: 24 Jul 2025 15:58

Instrument :
BNA_F
ClientSampleId :
TP-1

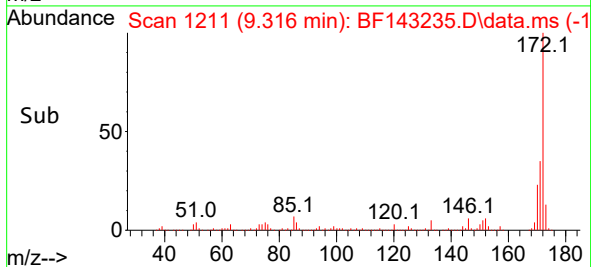
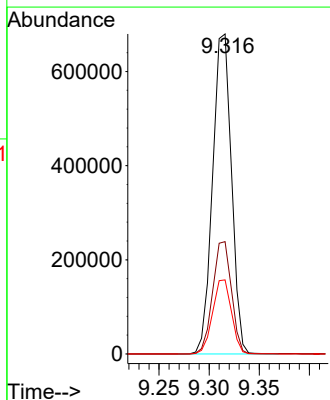
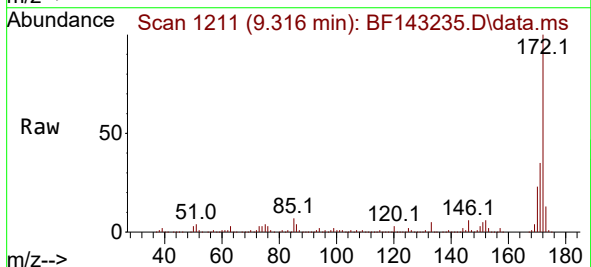


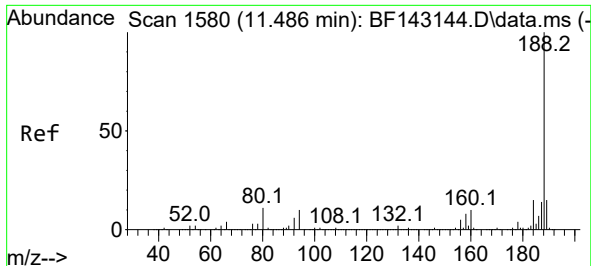
Tgt Ion:330 Resp: 169082
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 30.7 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 69.248 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143235.D
Acq: 24 Jul 2025 15:58

Tgt Ion:172 Resp: 889759
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.2 18.8 28.2

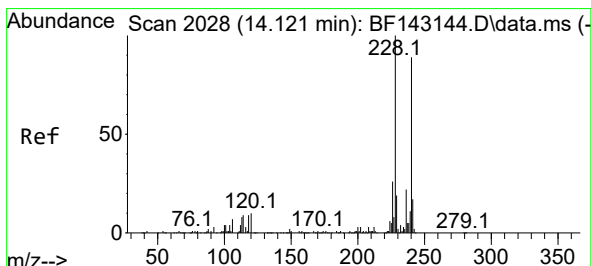
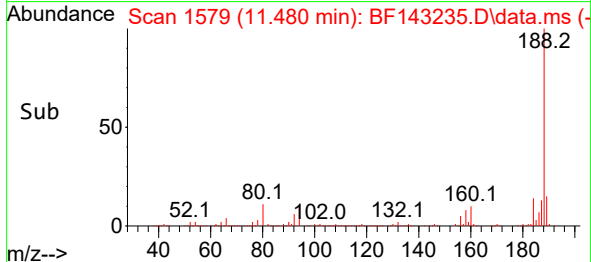
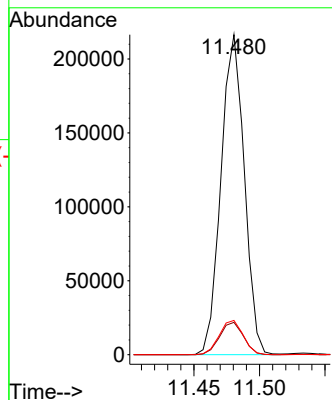
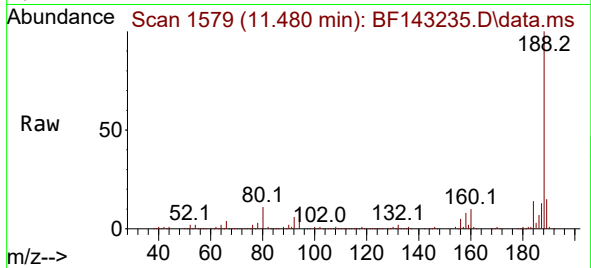




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143235.D
Acq: 24 Jul 2025 15:58

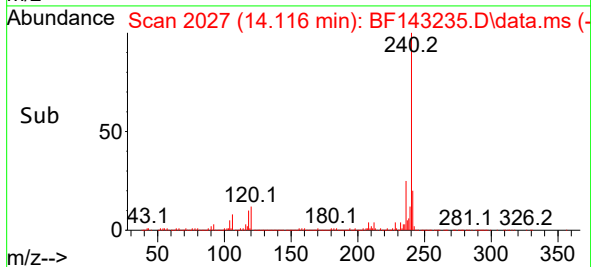
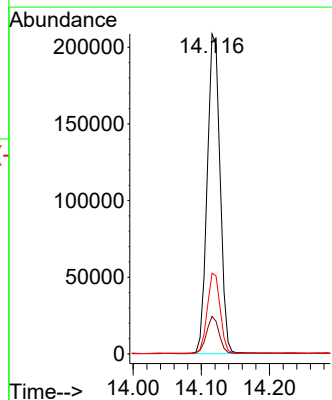
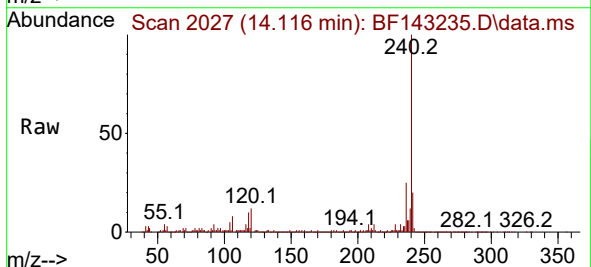
Instrument :
BNA_F
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TP-1

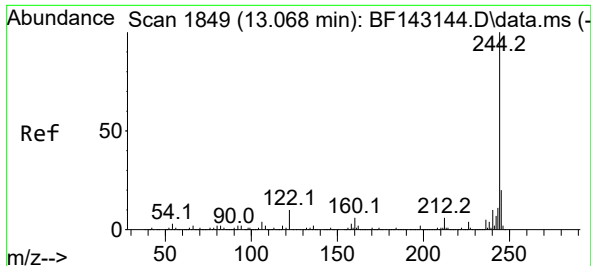
Tgt Ion:188 Resp: 267515
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143235.D
Acq: 24 Jul 2025 15:58

Tgt Ion:240 Resp: 273654
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.3 20.2 30.4

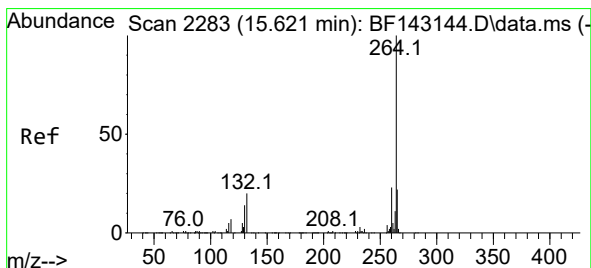
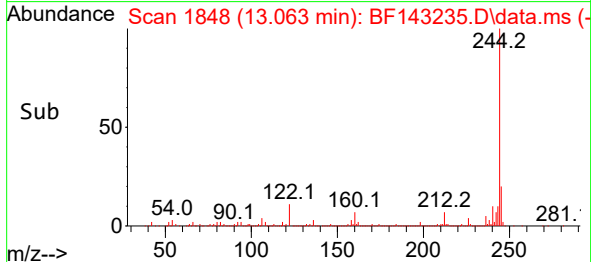
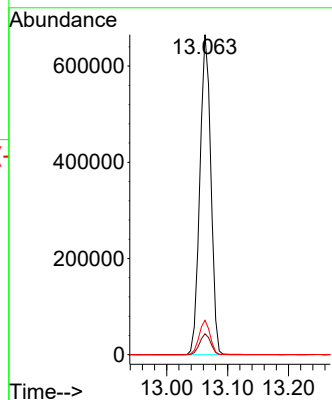
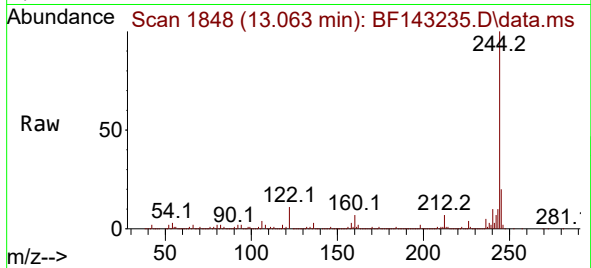




#79
Terphenyl-d14
Concen: 45.425 ng
RT: 13.063 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF143235.D
Acq: 24 Jul 2025 15:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 835331
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 10.7 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143235.D
Acq: 24 Jul 2025 15:58

Tgt Ion:264 Resp: 228085
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 22.3 17.4 26.2

