

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143226.D
 Acq On : 24 Jul 2025 11:28
 Operator : RC/JU
 Sample : PB168983BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168983BL

Quant Time: Jul 24 12:00:31 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	113347	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	430028	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	228834	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	391747	20.000	ng	0.00
76) Chrysene-d12	14.116	240	247241	20.000	ng	0.00
86) Perylene-d12	15.621	264	259580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	805725	112.489	ng	0.01
7) Phenol-d6	6.587	99	1017041	112.809	ng	0.00
23) Nitrobenzene-d5	7.516	82	668771	77.521	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	274521	116.126	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1255562	75.038	ng	0.00
79) Terphenyl-d14	13.063	244	1230339	74.052	ng	0.00

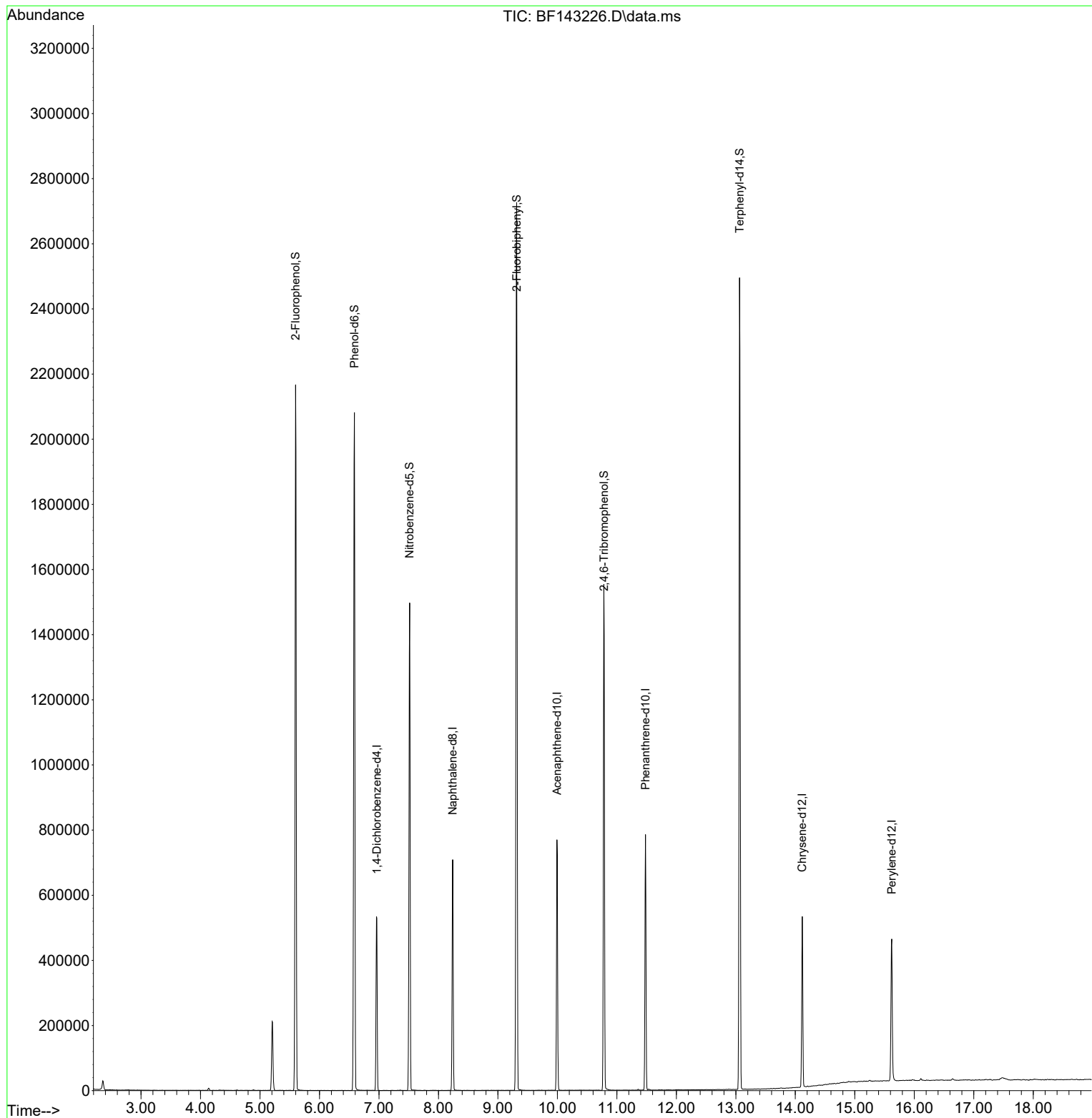
Target Compounds	Qvalue
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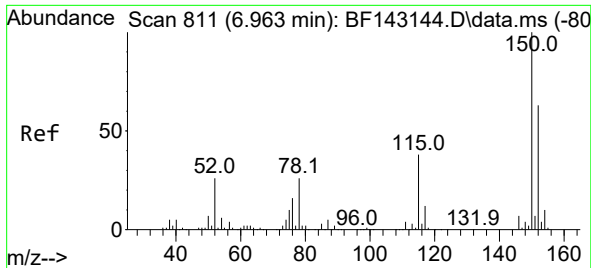
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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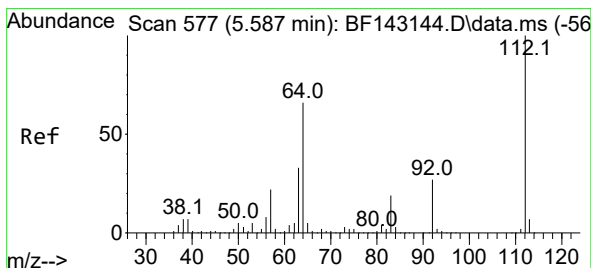
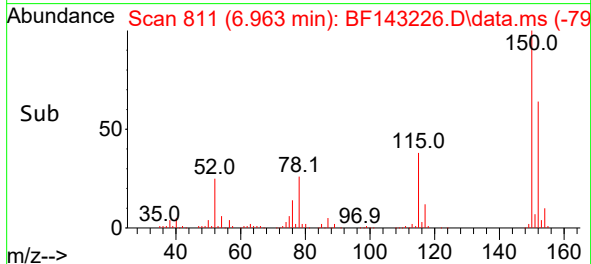
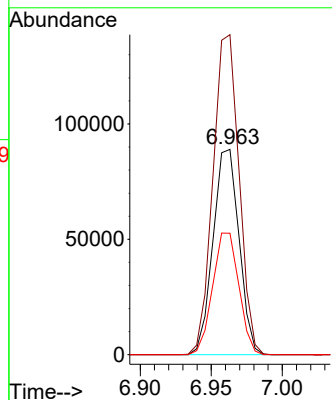
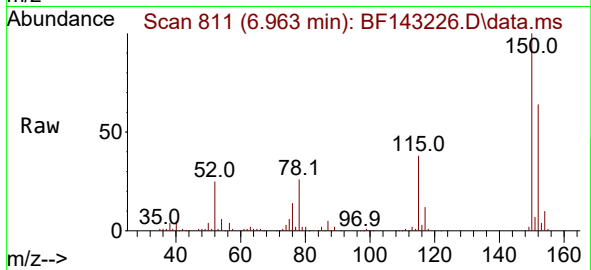




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

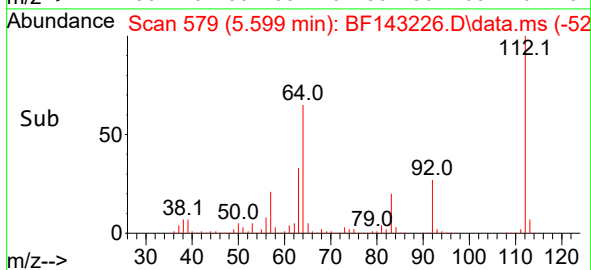
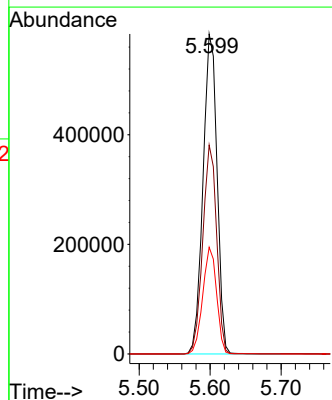
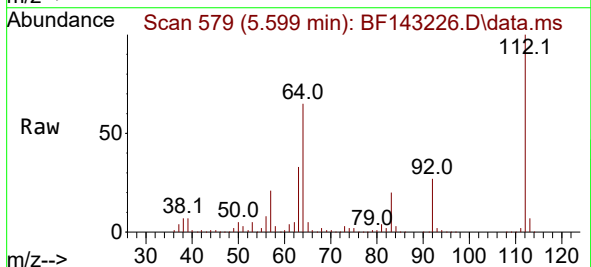
Instrument :
BNA_F
ClientSampleId :
PB168983BL

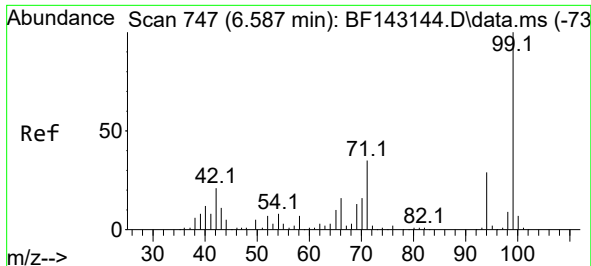
Tgt Ion:152 Resp: 113347
Ion Ratio Lower Upper
152 100
150 155.9 128.2 192.4
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 112.489 ng
RT: 5.599 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion:112 Resp: 805725
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 33.3 26.6 40.0

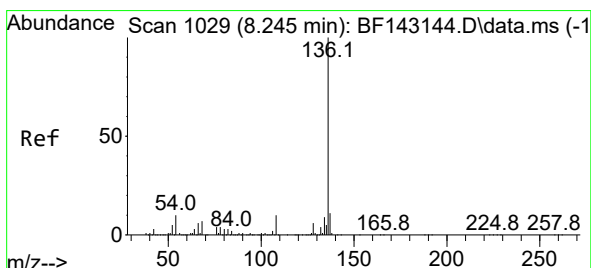
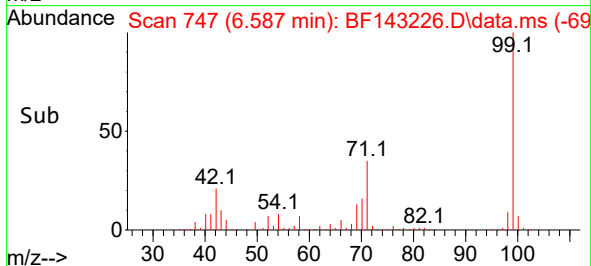
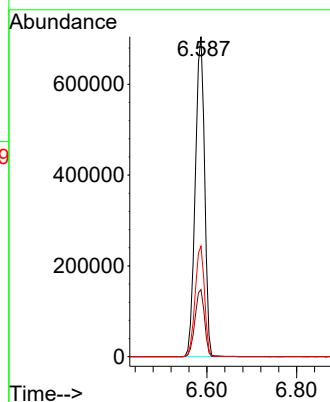
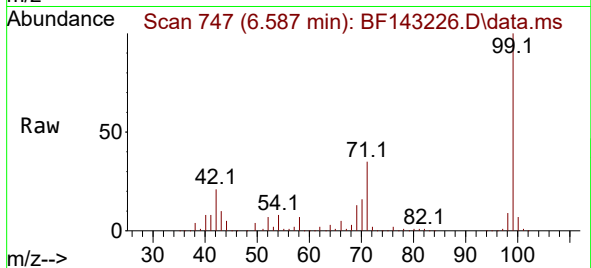




#7
Phenol-d6
Concen: 112.809 ng
RT: 6.587 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

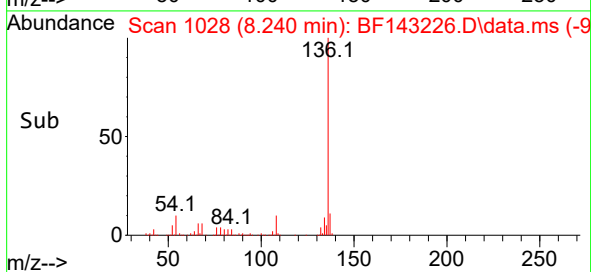
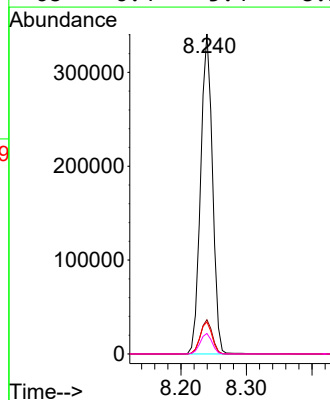
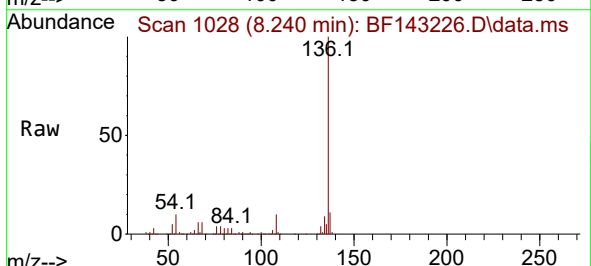
Instrument :
BNA_F
ClientSampleId :
PB168983BL

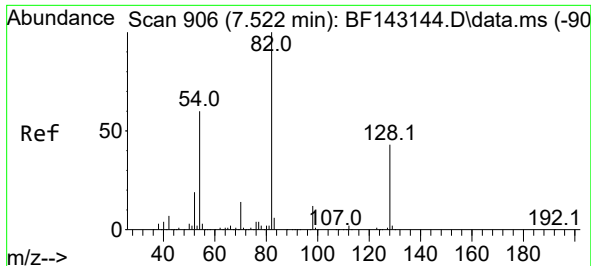
Tgt Ion: 99 Resp: 1017041
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 34.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion: 136 Resp: 430028
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.0 8.2 12.2
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.521 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143226.D

Acq: 24 Jul 2025 11:28

Instrument :

BNA_F

ClientSampleId :

PB168983BL

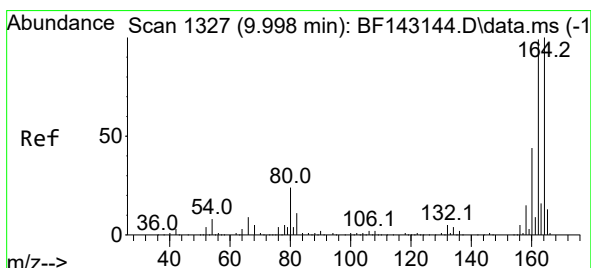
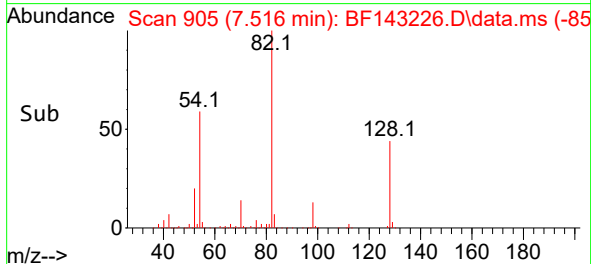
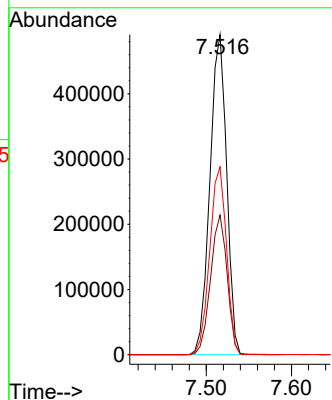
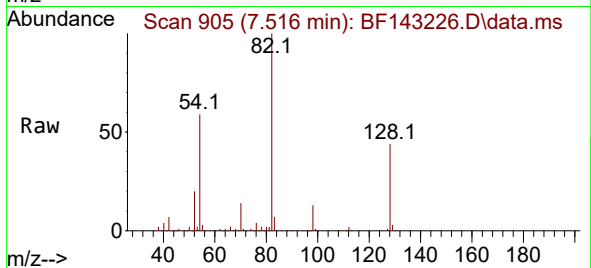
Tgt Ion: 82 Resp: 668771

Ion Ratio Lower Upper

82 100

128 43.6 33.6 50.4

54 58.7 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: BF143226.D

Acq: 24 Jul 2025 11:28

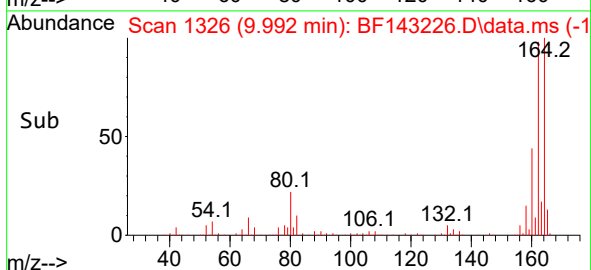
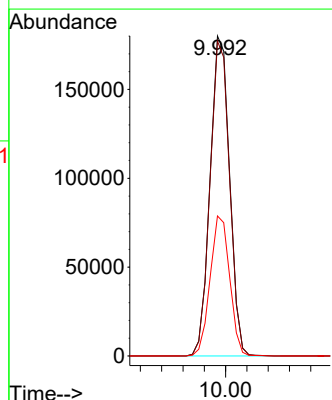
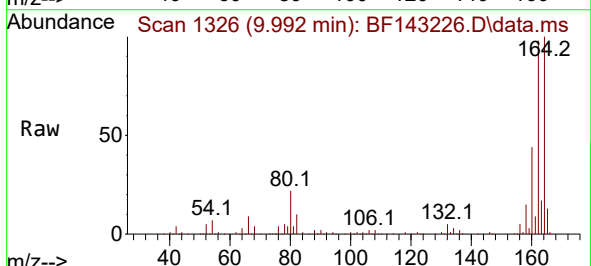
Tgt Ion: 164 Resp: 228834

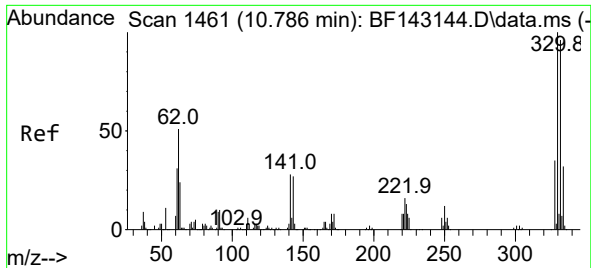
Ion Ratio Lower Upper

164 100

162 98.4 79.0 118.6

160 43.7 35.1 52.7

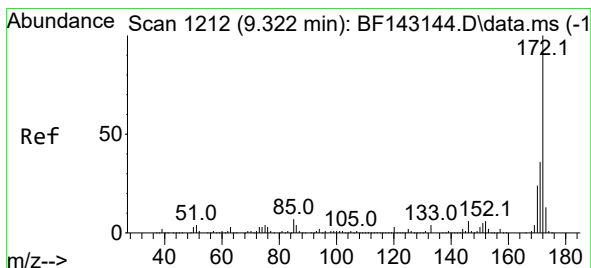
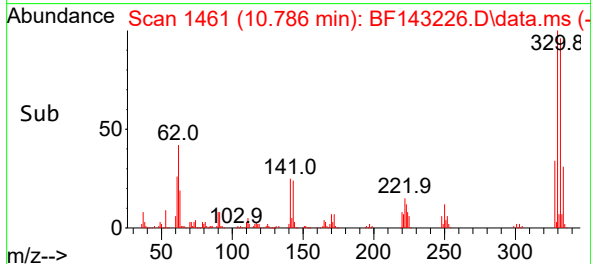
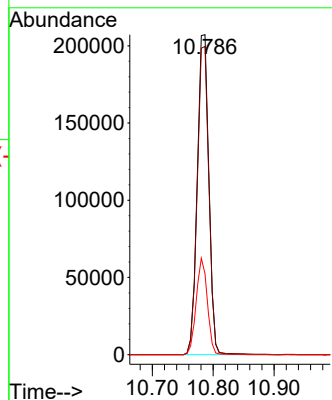
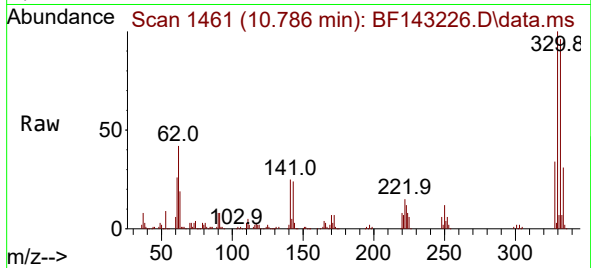




#42
2,4,6-Tribromophenol
Concen: 116.126 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

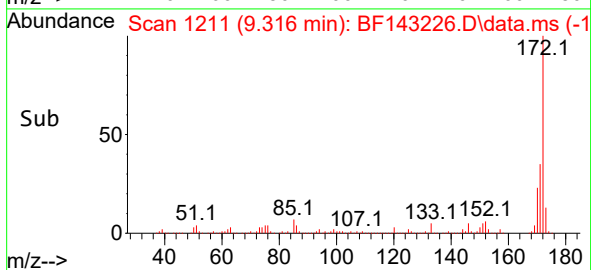
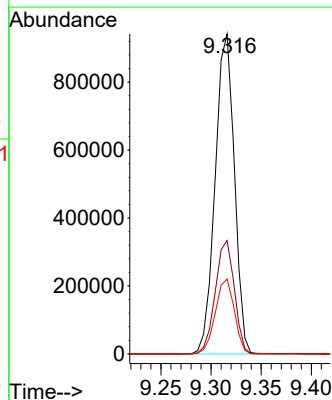
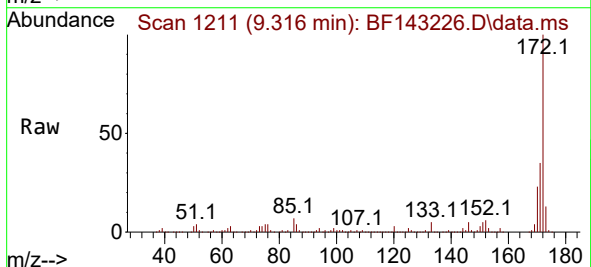
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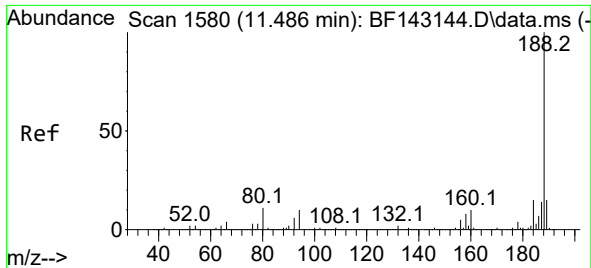
Tgt Ion:330 Resp: 274521
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 29.0 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 75.038 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion:172 Resp: 1255562
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 18.8 28.2

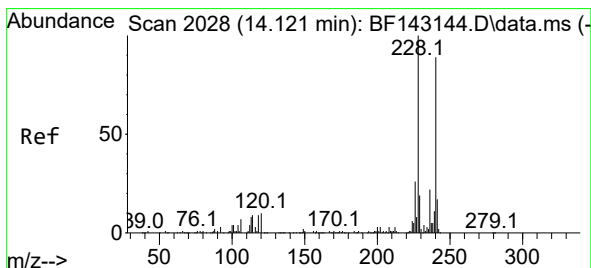
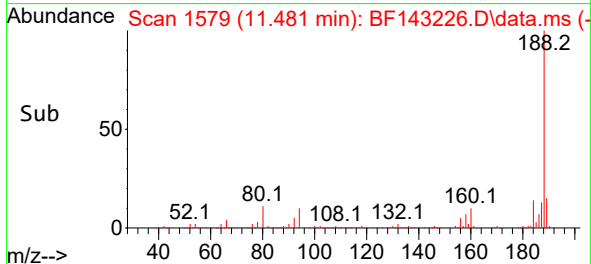
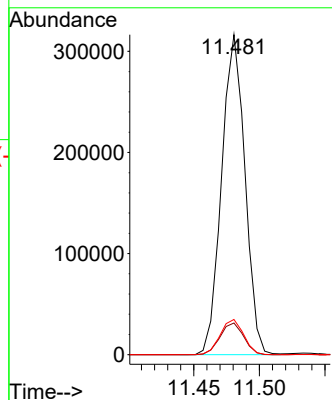
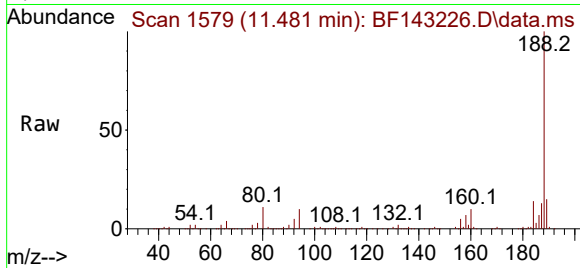




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

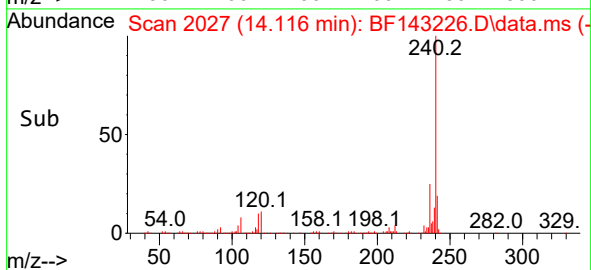
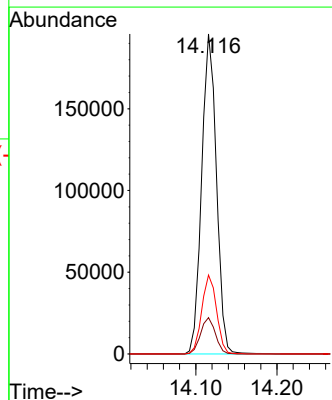
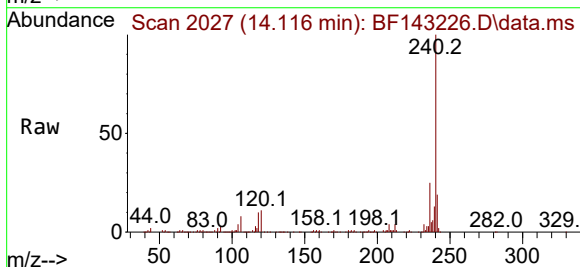
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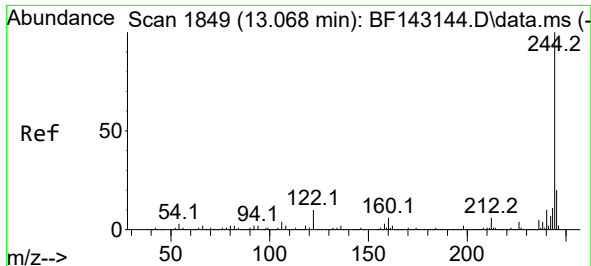
Tgt Ion:188 Resp: 391747
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 11.0 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion:240 Resp: 247241
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 24.6 20.2 30.4

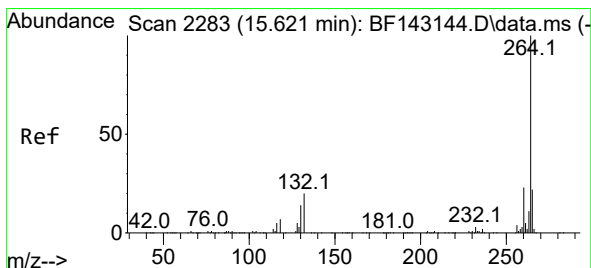
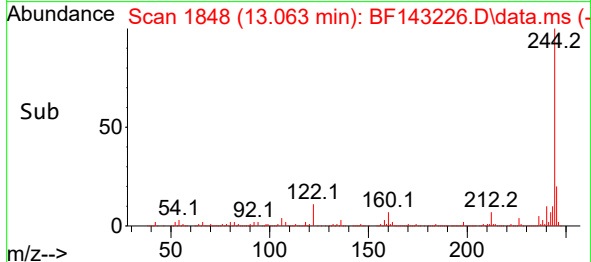
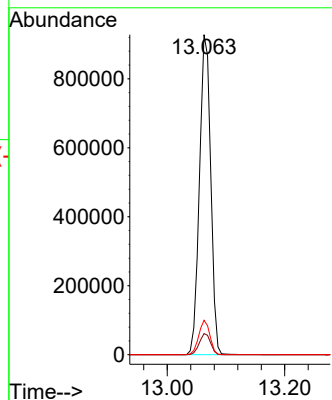
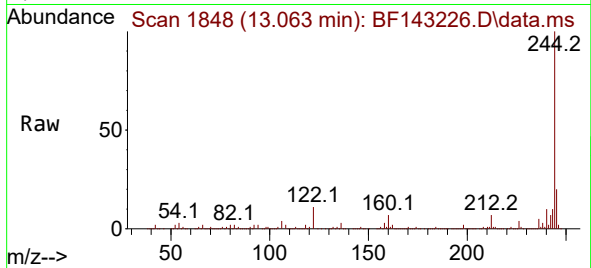




#79
 Terphenyl-d14
 Concen: 74.052 ng
 RT: 13.063 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143226.D
 Acq: 24 Jul 2025 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB168983BL

Tgt Ion:244 Resp: 1230339
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.8 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: BF143226.D
 Acq: 24 Jul 2025 11:28

Tgt Ion:264 Resp: 259580
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 21.3 17.4 26.2

