

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143610.D
 Acq On : 28 Aug 2025 15:17
 Operator : RC/JU
 Sample : Q2954-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTH

Quant Time: Aug 28 16:13:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	106476	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	419021	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	243147	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	404707	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213304	20.000	ng	0.00
86) Perylene-d12	15.527	264	196628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	750612	119.983	ng	0.00
7) Phenol-d6	6.510	99	966726	124.763	ng	0.00
23) Nitrobenzene-d5	7.451	82	553097	94.247	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	284903	149.834	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1094819	76.985	ng	0.00
79) Terphenyl-d14	12.998	244	1136041	95.573	ng	0.00

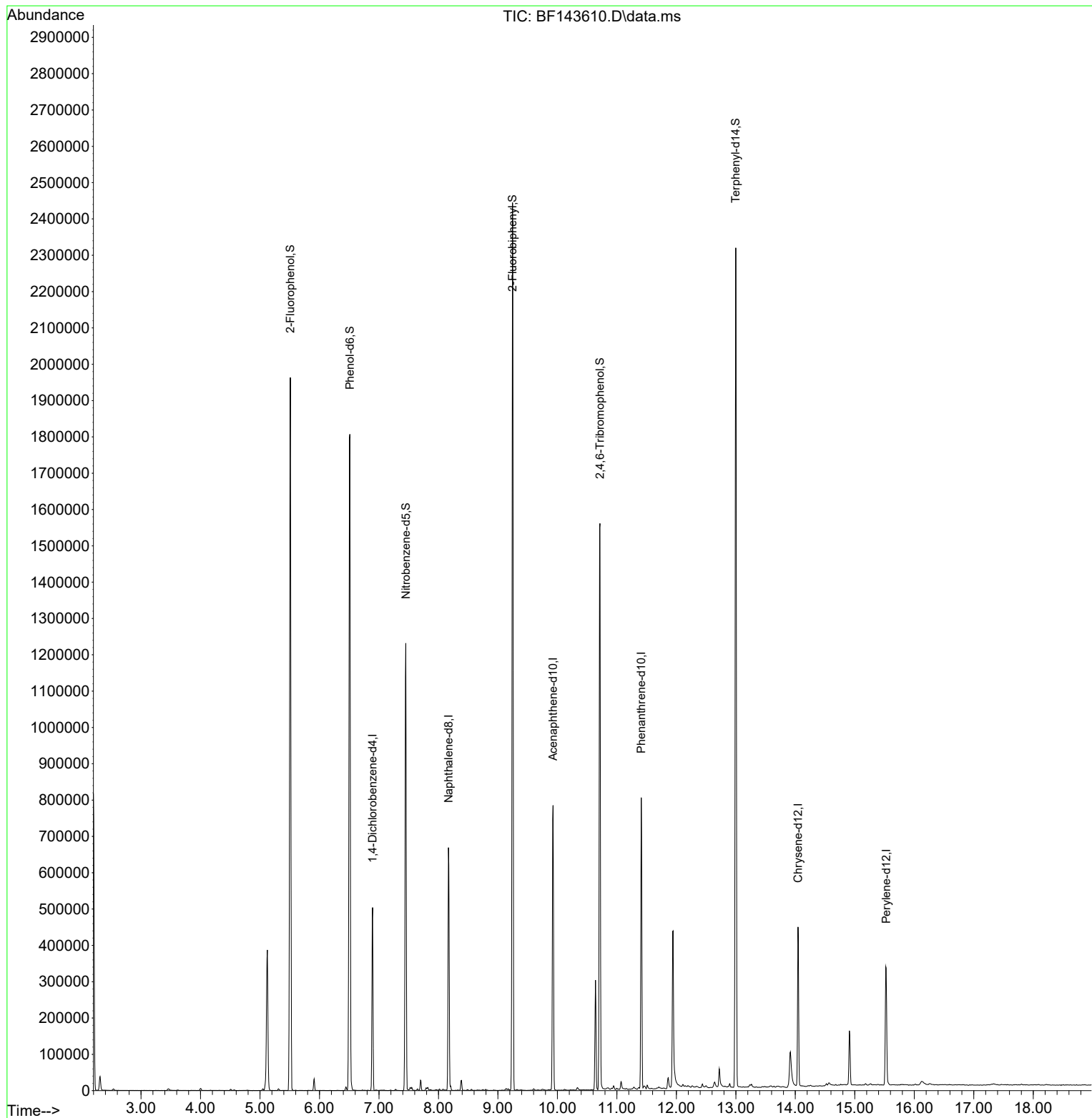
Target Compounds	Qvalue

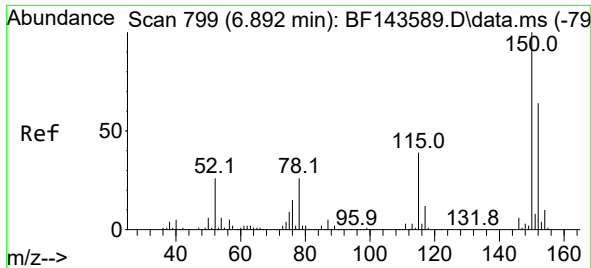
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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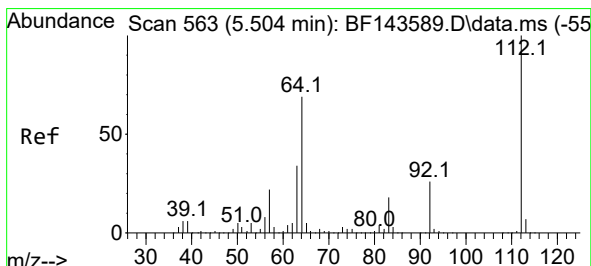
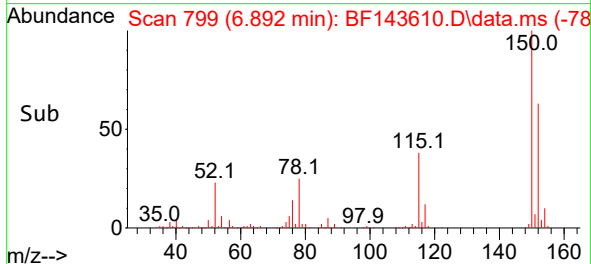
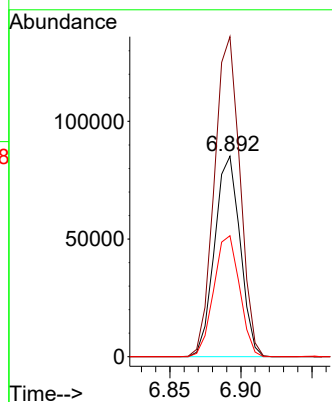
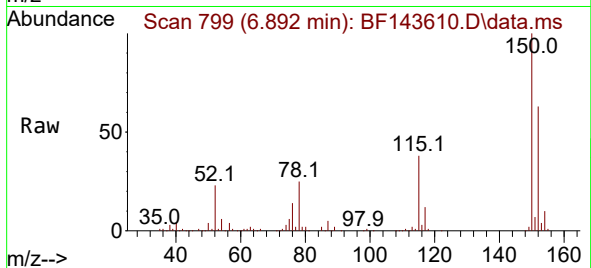




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143610.D
 Acq: 28 Aug 2025 15:17

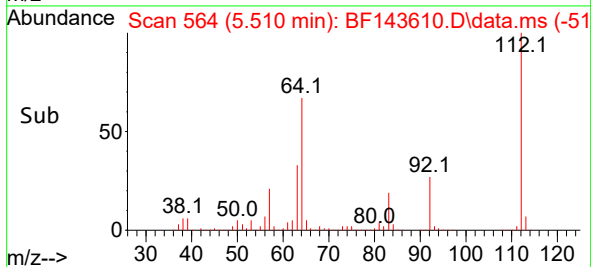
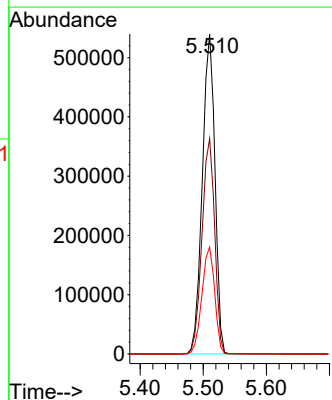
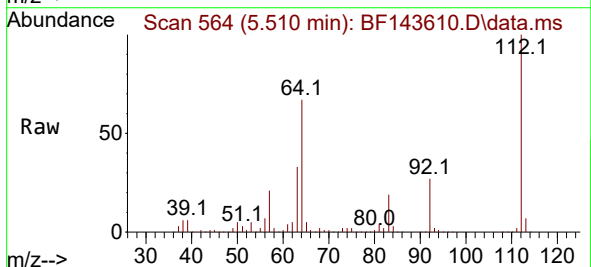
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTH

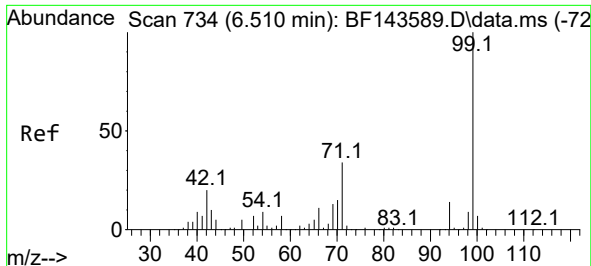
Tgt Ion:152 Resp: 106476
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.9 187.3
 115 60.3 48.0 72.0



#5
 2-Fluorophenol
 Concen: 119.983 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF143610.D
 Acq: 28 Aug 2025 15:17

Tgt Ion:112 Resp: 750612
 Ion Ratio Lower Upper
 112 100
 64 67.3 54.8 82.2
 63 33.4 27.6 41.4

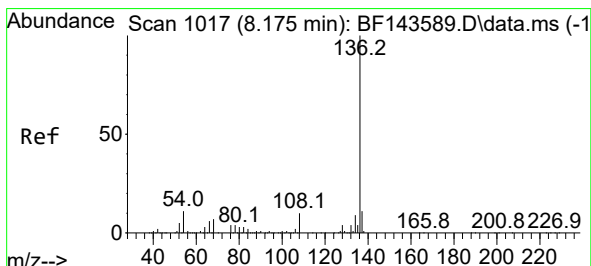
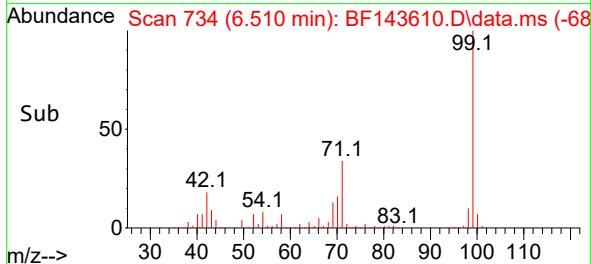
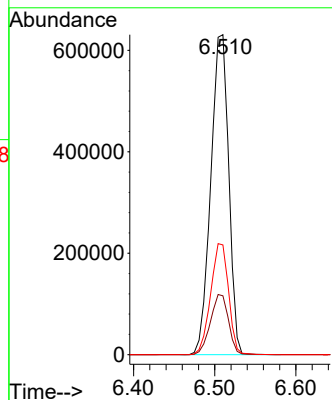
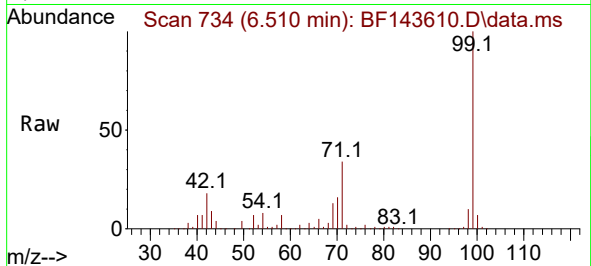




#7
Phenol-d6
Concen: 124.763 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

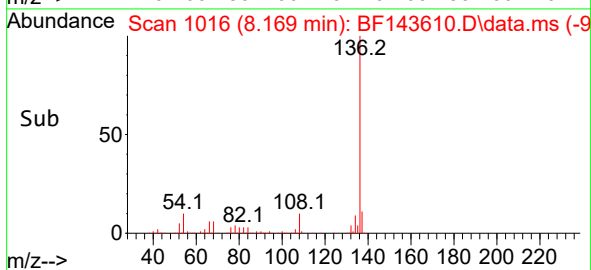
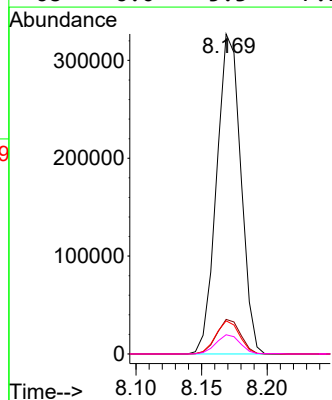
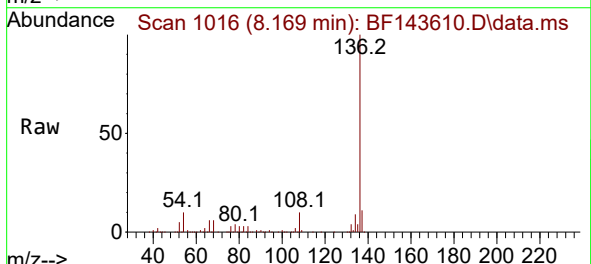
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ClientSampleId :
BRIDGE-SOUTH

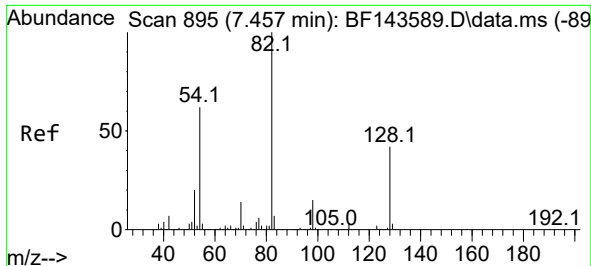
Tgt Ion: 99 Resp: 966726
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 34.3 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion: 136 Resp: 419021
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.4 9.0 13.6
68 6.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 94.247 ng

RT: 7.451 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143610.D

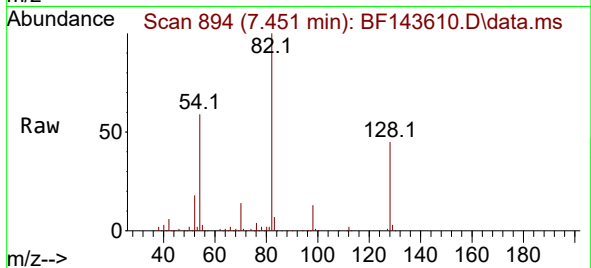
Acq: 28 Aug 2025 15:17

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTH



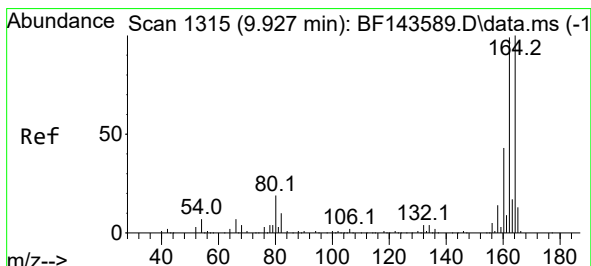
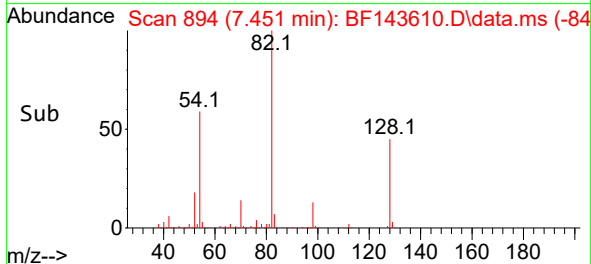
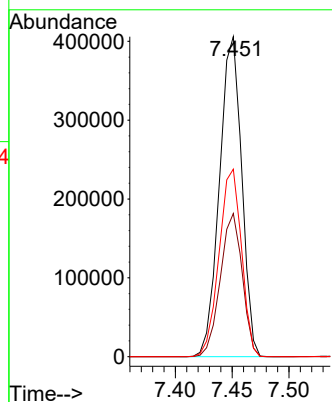
Tgt Ion: 82 Resp: 553097

Ion Ratio Lower Upper

82 100

128 44.8 33.4 50.2

54 58.6 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BF143610.D

Acq: 28 Aug 2025 15:17

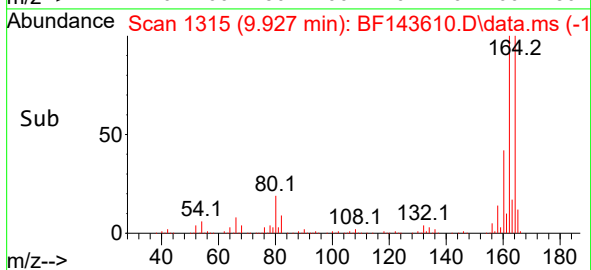
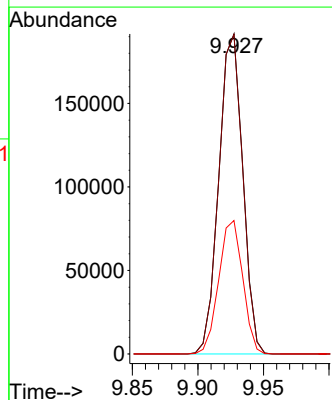
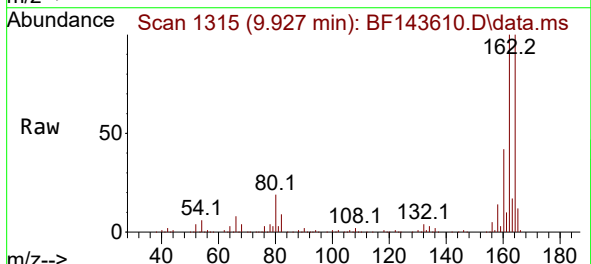
Tgt Ion:164 Resp: 243147

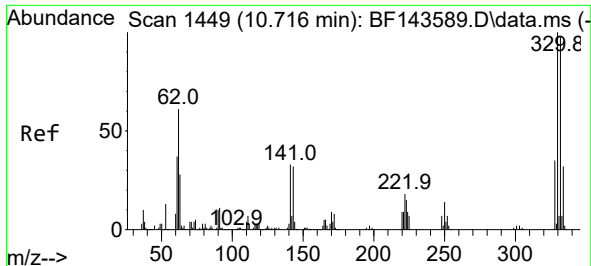
Ion Ratio Lower Upper

164 100

162 99.8 79.5 119.3

160 41.7 34.2 51.4

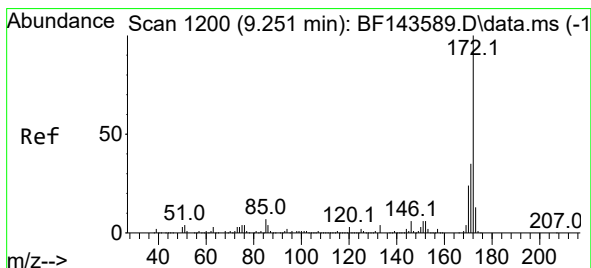
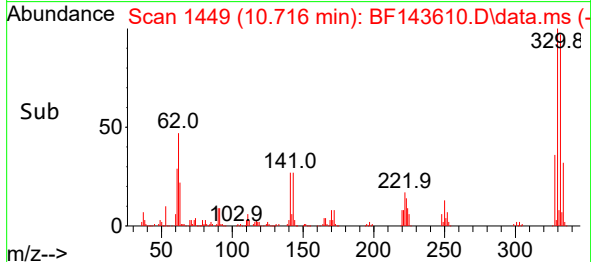
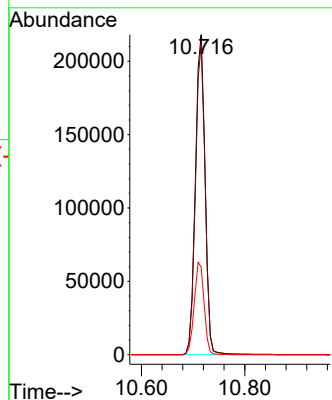
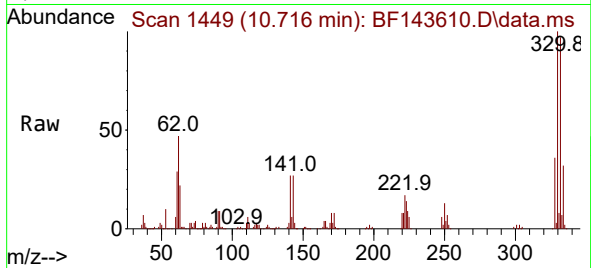




#42
2,4,6-Tribromophenol
Concen: 149.834 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

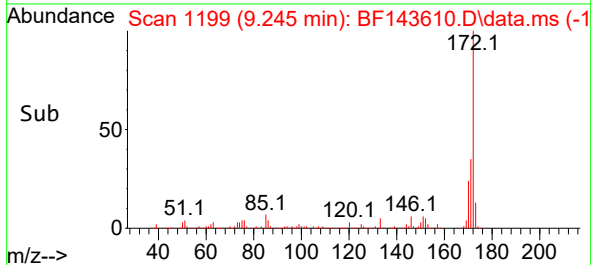
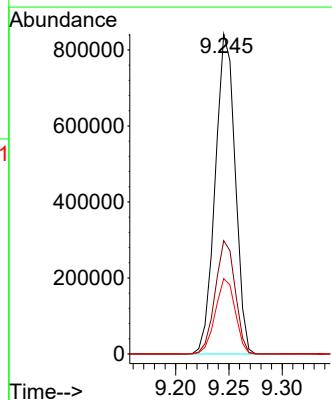
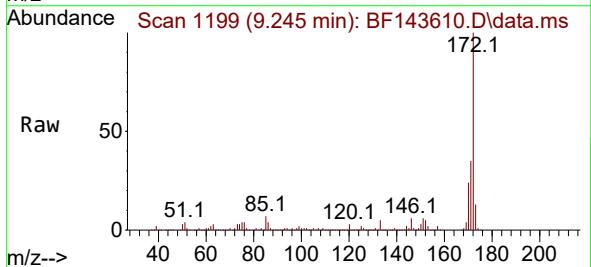
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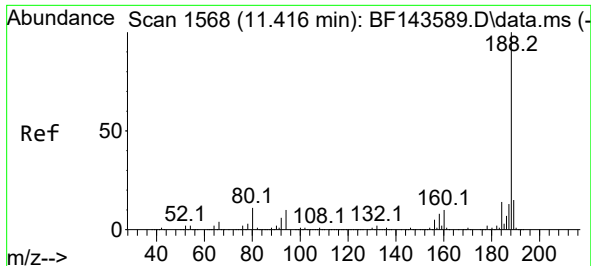
Tgt Ion:330 Resp: 284903
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.4
141 29.3 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 76.985 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion:172 Resp: 1094819
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 19.0 28.4

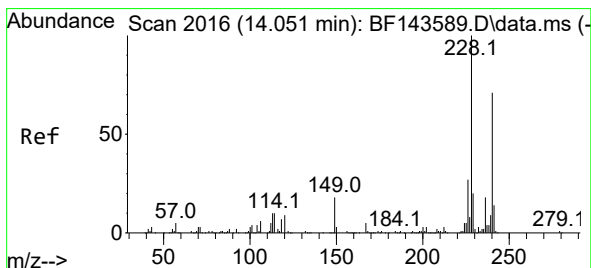
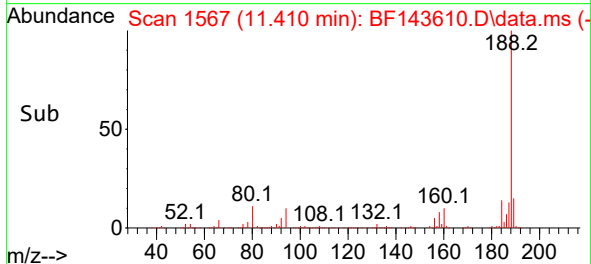
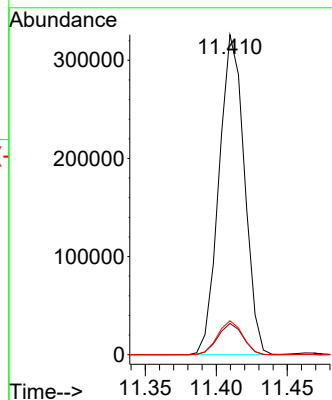
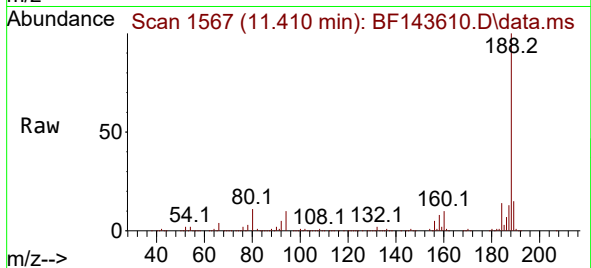




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

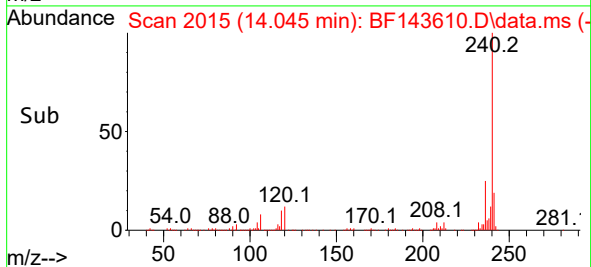
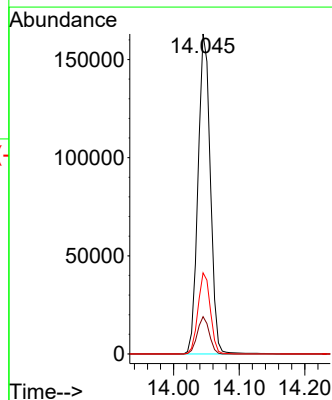
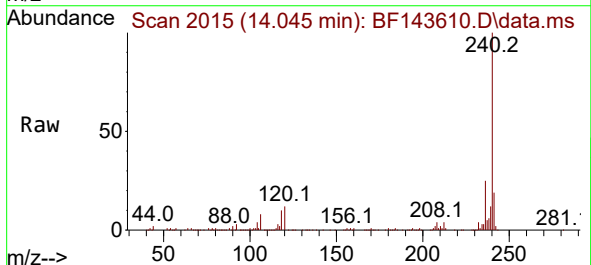
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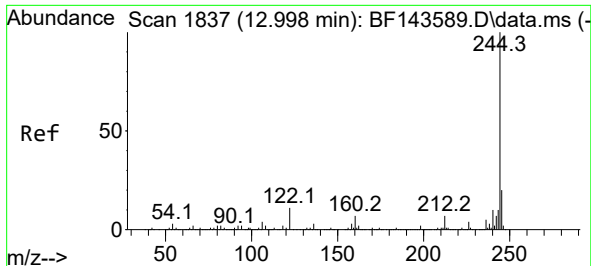
Tgt Ion:188 Resp: 404707
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.4
80 10.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion:240 Resp: 213304
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 25.3 20.2 30.2

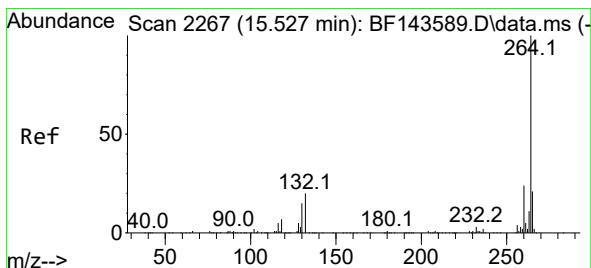
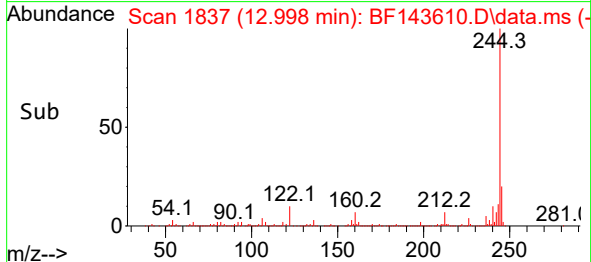
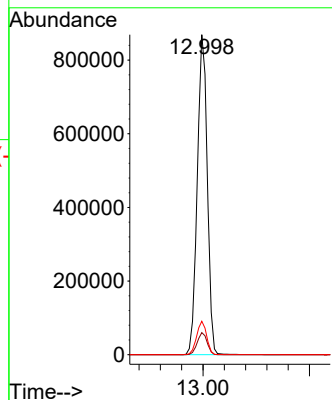
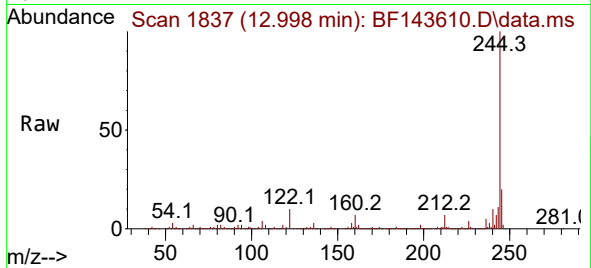




#79
Terphenyl-d14
Concen: 95.573 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1136041
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.4 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF143610.D
Acq: 28 Aug 2025 15:17

Tgt Ion:264 Resp: 196628
Ion Ratio Lower Upper
264 100
260 23.1 18.9 28.3
265 21.3 17.0 25.4

