

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
 Data File : BF143160.D
 Acq On : 18 Jul 2025 11:54
 Operator : RC/JU
 Sample : PB168737BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168737BL

Quant Time: Jul 18 12:23:23 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	150448	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	574056	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	301249	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	515729	20.000	ng	0.00
76) Chrysene-d12	14.116	240	288475	20.000	ng	0.00
86) Perylene-d12	15.616	264	287985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	1086717	114.305	ng	0.01
7) Phenol-d6	6.581	99	1363671	113.957	ng	0.00
23) Nitrobenzene-d5	7.516	82	897121	77.900	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	381079	122.452	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1650714	74.940	ng	0.00
79) Terphenyl-d14	13.069	244	1568454	80.909	ng	0.00

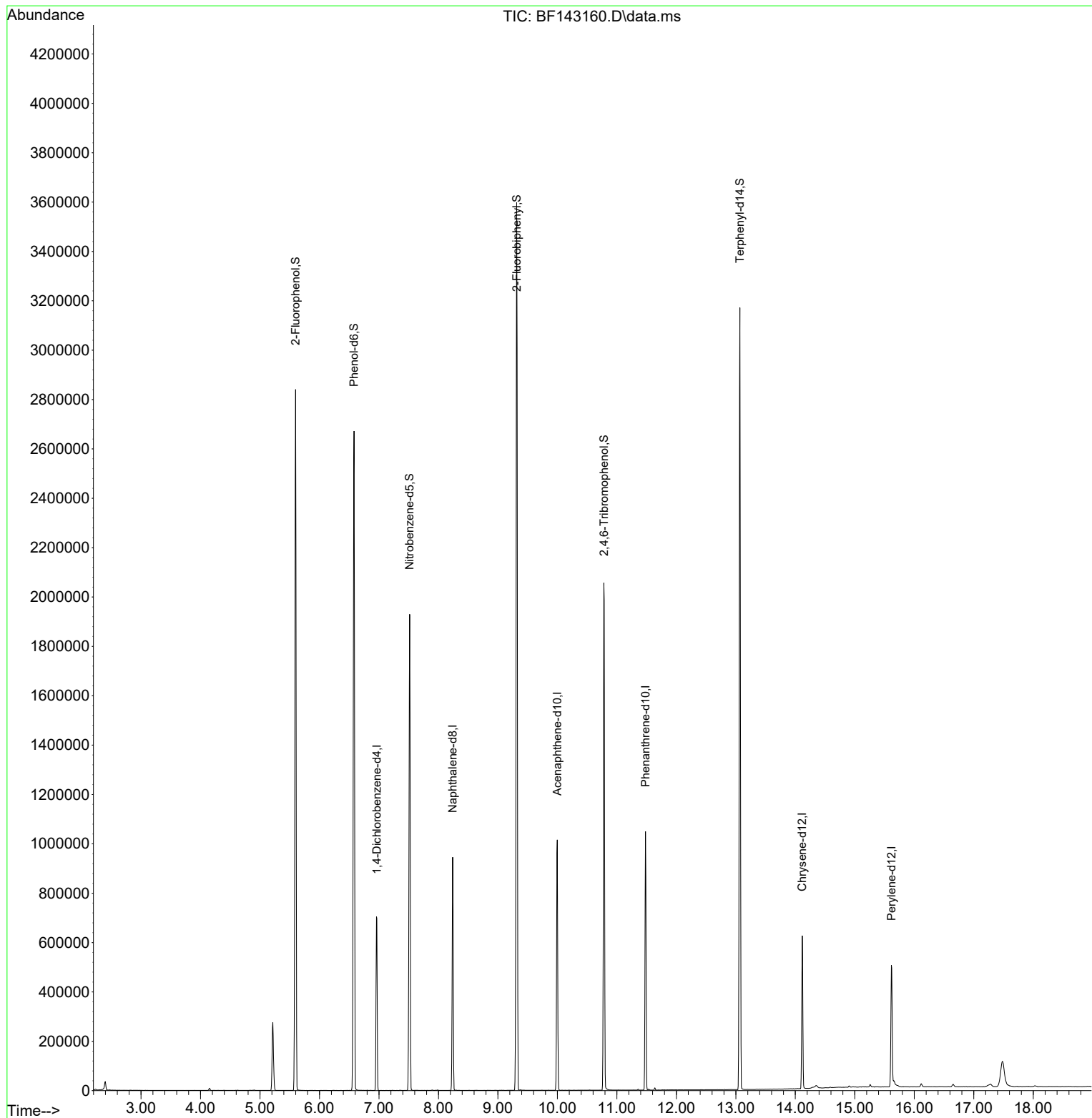
Target Compounds	Qvalue

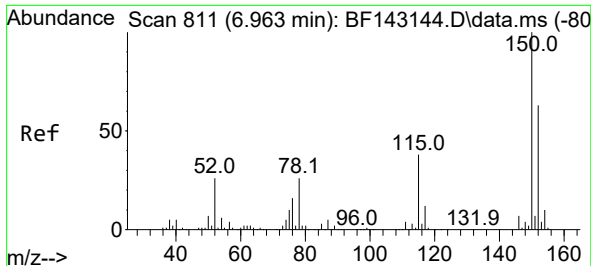
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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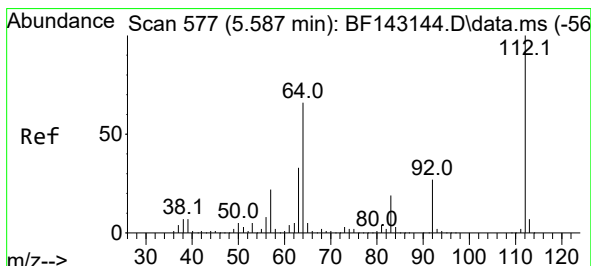
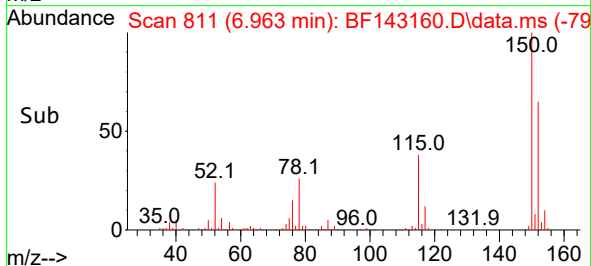
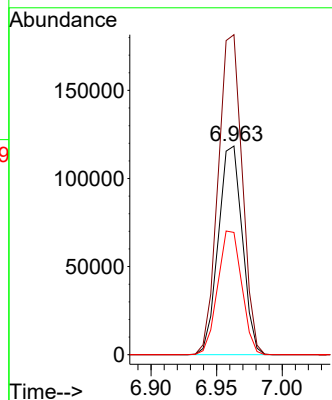
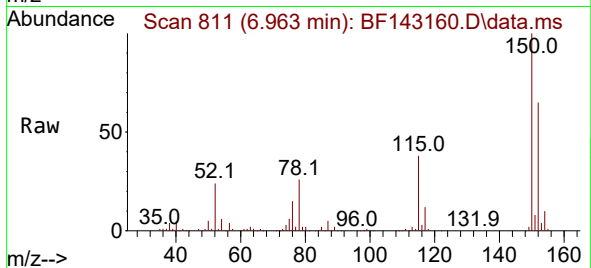




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143160.D
 Acq: 18 Jul 2025 11:54

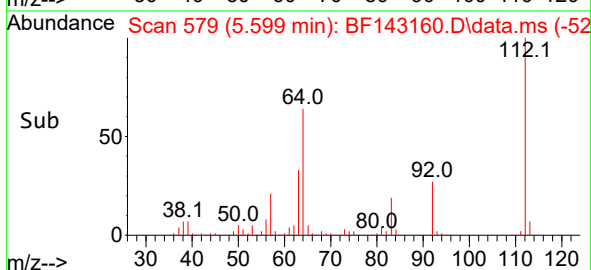
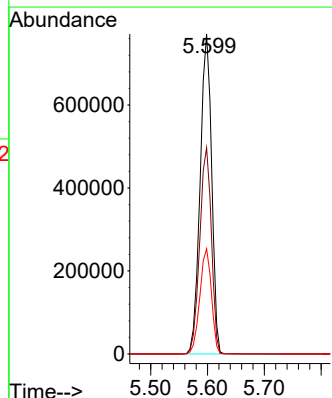
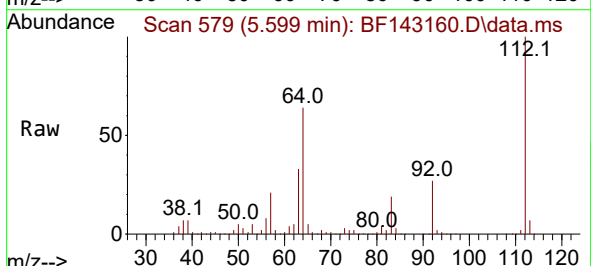
Instrument :
 BNA_F
 ClientSampleId :
 PB168737BL

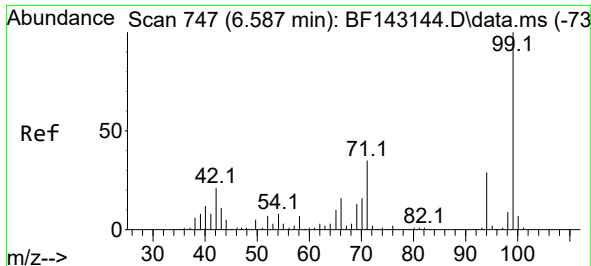
Tgt Ion:152 Resp: 150448
 Ion Ratio Lower Upper
 152 100
 150 153.3 128.2 192.4
 115 58.6 47.9 71.9



#5
 2-Fluorophenol
 Concen: 114.305 ng
 RT: 5.599 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF143160.D
 Acq: 18 Jul 2025 11:54

Tgt Ion:112 Resp: 1086717
 Ion Ratio Lower Upper
 112 100
 64 64.5 53.1 79.7
 63 32.9 26.6 40.0

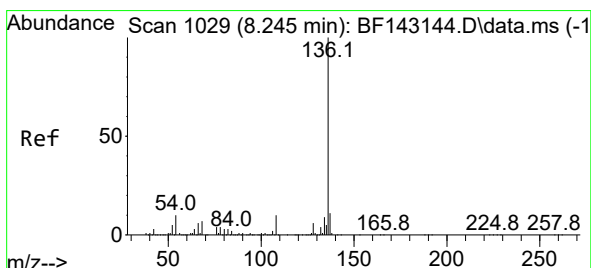
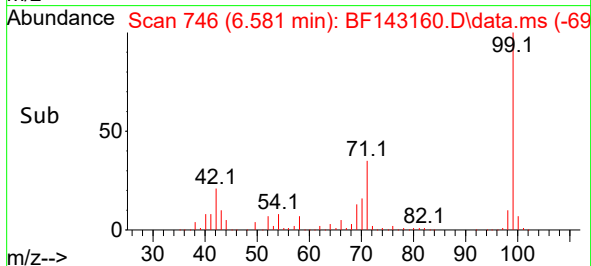
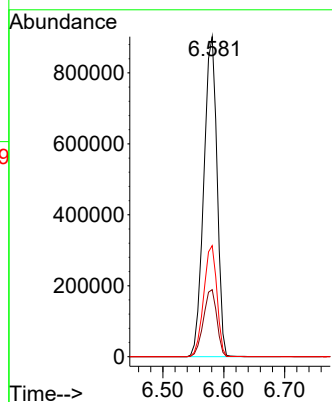
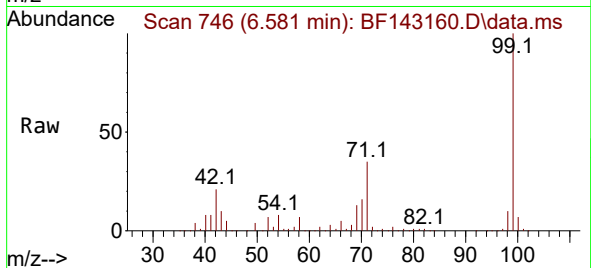




#7
Phenol-d6
Concen: 113.957 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143160.D
Acq: 18 Jul 2025 11:54

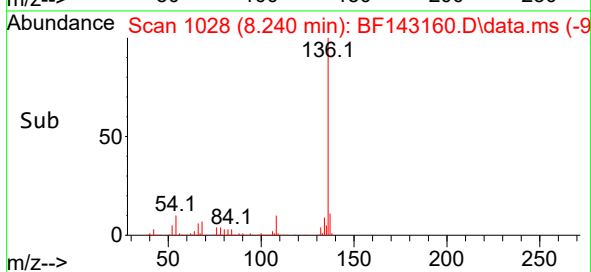
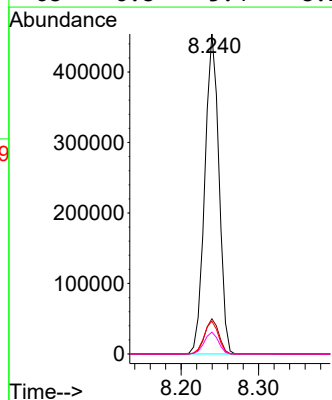
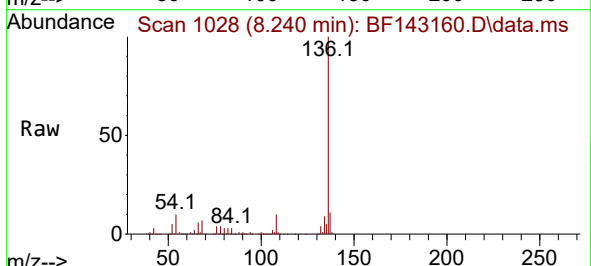
Instrument :
BNA_F
ClientSampleId :
PB168737BL

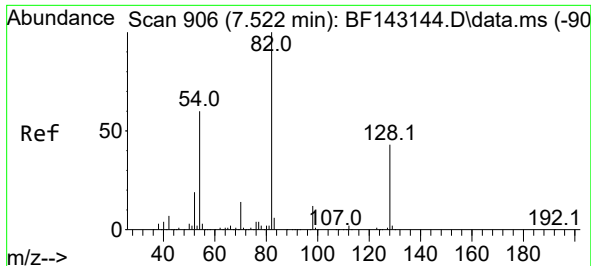
Tgt Ion: 99 Resp: 1363671
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143160.D
Acq: 18 Jul 2025 11:54

Tgt Ion: 136 Resp: 574056
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.2 12.2
68 6.8 5.4 8.2

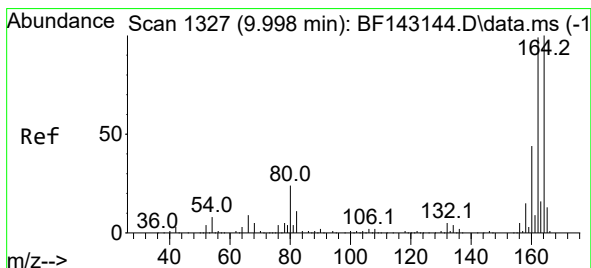
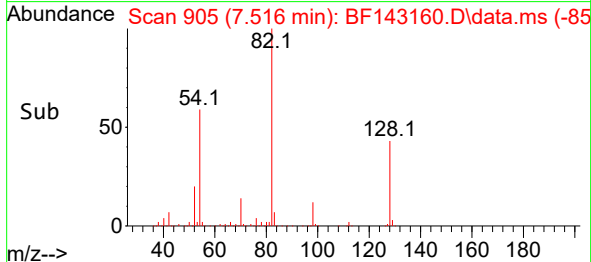
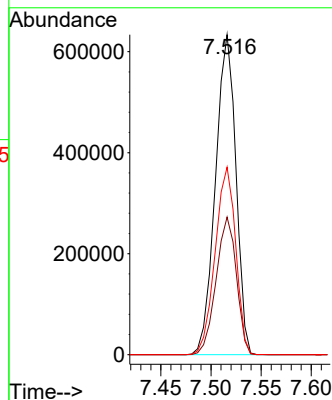
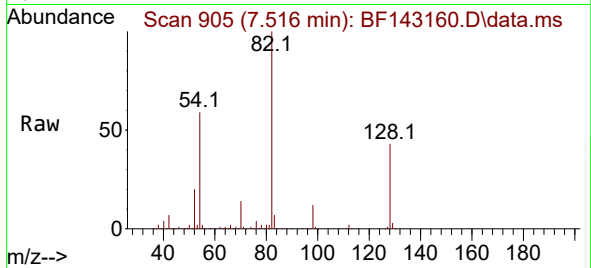




#23
Nitrobenzene-d5
Concen: 77.900 ng
RT: 7.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143160.D
Acq: 18 Jul 2025 11:54

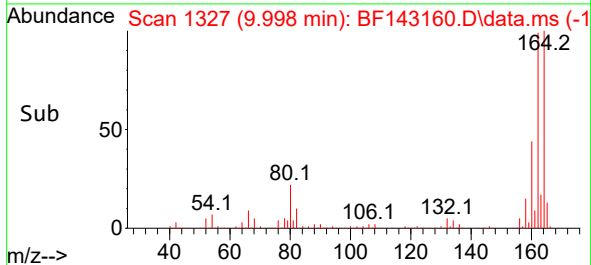
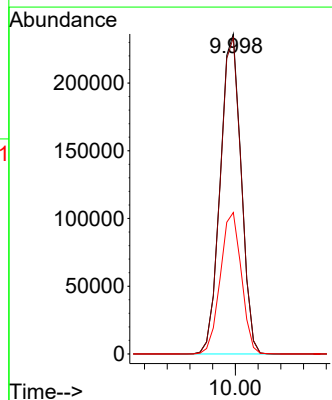
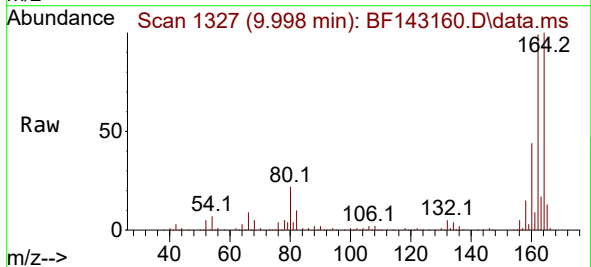
Instrument :
BNA_F
ClientSampleId :
PB168737BL

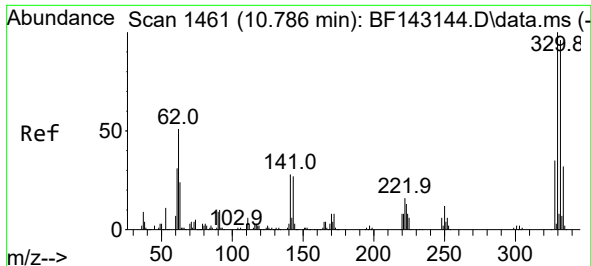
Tgt Ion: 82 Resp: 897121
Ion Ratio Lower Upper
82 100
128 43.0 33.6 50.4
54 58.6 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143160.D
Acq: 18 Jul 2025 11:54

Tgt Ion:164 Resp: 301249
Ion Ratio Lower Upper
164 100
162 98.8 79.0 118.6
160 44.2 35.1 52.7

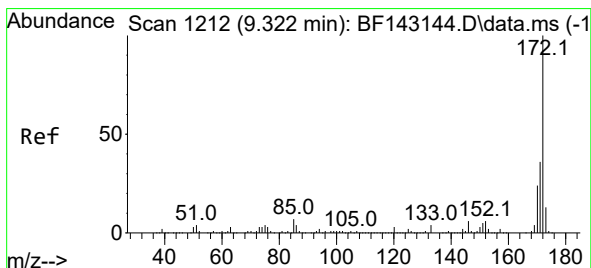
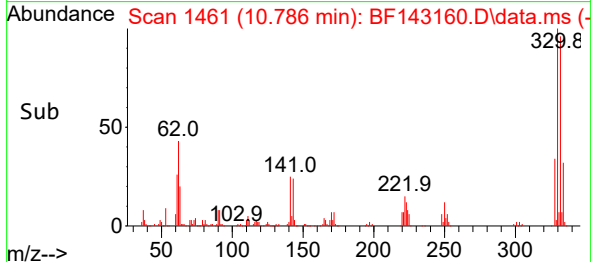
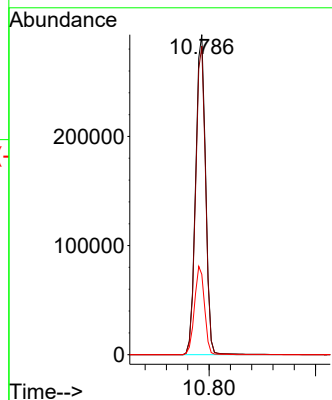
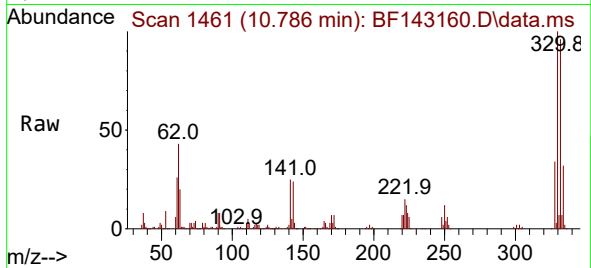




#42
2,4,6-Tribromophenol
Concen: 122.452 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143160.D
Acq: 18 Jul 2025 11:54

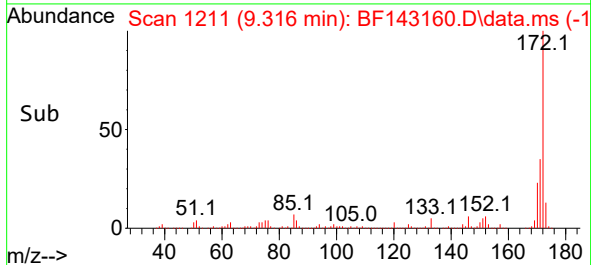
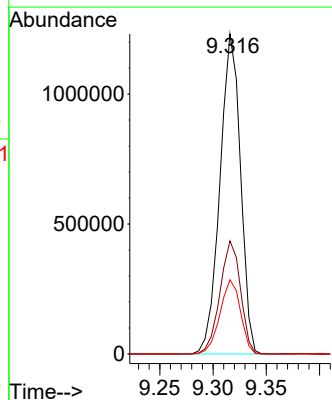
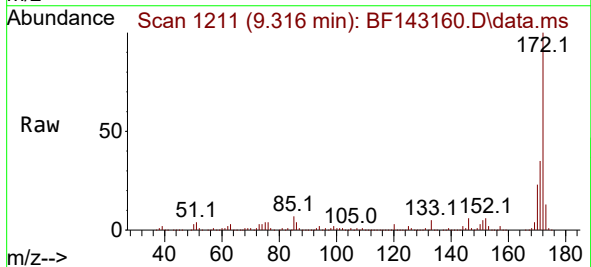
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ClientSampleId :
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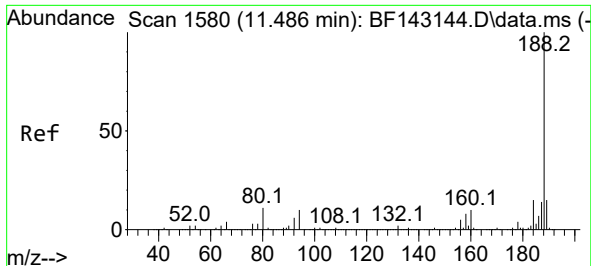
Tgt Ion:330 Resp: 381079
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 27.8 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 74.940 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143160.D
Acq: 18 Jul 2025 11:54

Tgt Ion:172 Resp: 1650714
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 18.8 28.2

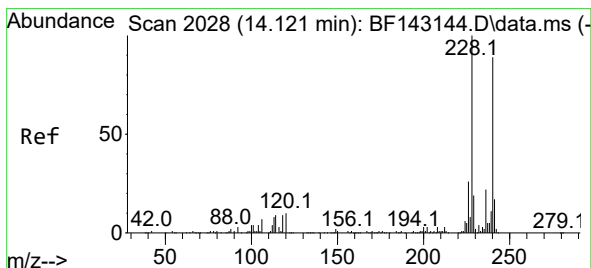
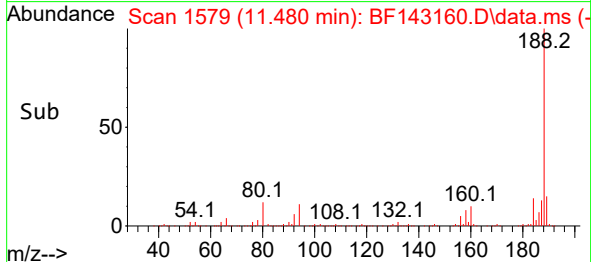
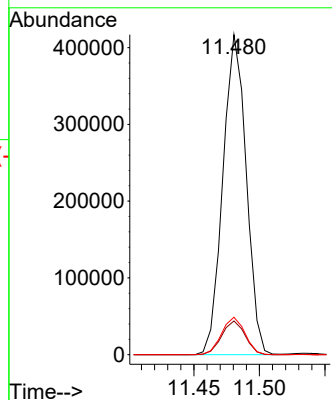
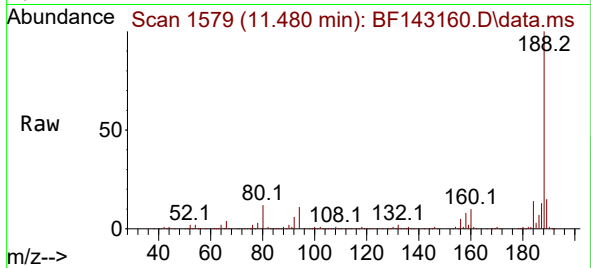




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143160.D
Acq: 18 Jul 2025 11:54

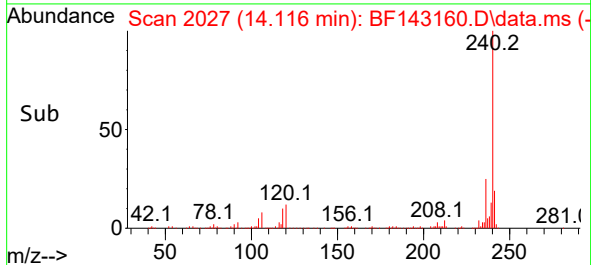
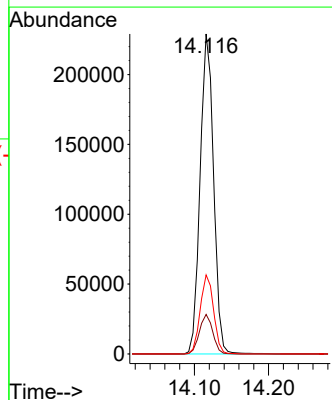
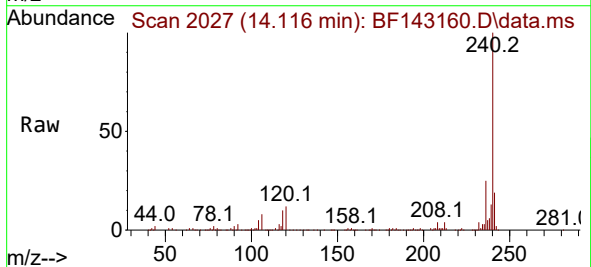
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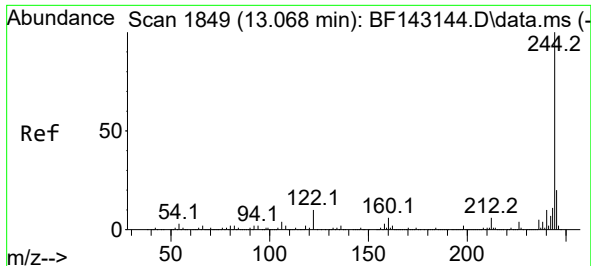
Tgt Ion:188 Resp: 515729
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143160.D
Acq: 18 Jul 2025 11:54

Tgt Ion:240 Resp: 288475
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 24.7 20.2 30.4

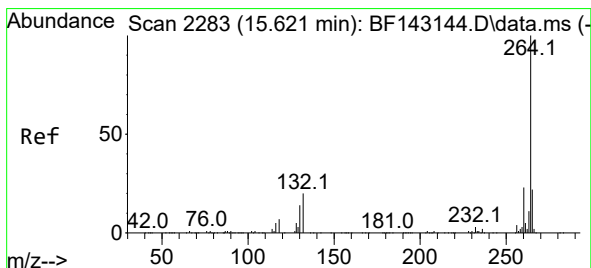
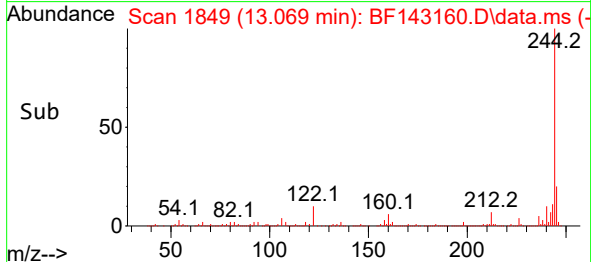
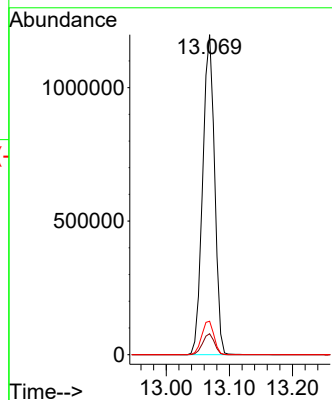
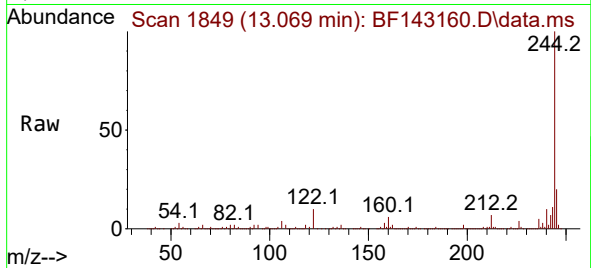




#79
 Terphenyl-d14
 Concen: 80.909 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143160.D
 Acq: 18 Jul 2025 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB168737BL

Tgt Ion:244 Resp: 1568454
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.616 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF143160.D
 Acq: 18 Jul 2025 11:54

Tgt Ion:264 Resp: 287985
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 22.1 17.4 26.2

