

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143293.D
 Acq On : 04 Aug 2025 13:42
 Operator : RC/JU
 Sample : Q2736-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-073125

Quant Time: Aug 04 14:13:37 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	6.957	152	111159	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	416885	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	198077	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	301991	20.000	ng	0.00
76) Chrysene-d12	14.127	240	241316	20.000	ng	0.00
86) Perylene-d12	15.627	264	287630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	522576	74.394	ng	0.00
7) Phenol-d6	6.581	99	748542	84.662	ng	0.00
23) Nitrobenzene-d5	7.516	82	603336	72.141	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	136802	66.855	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1097975	75.810	ng	0.00
79) Terphenyl-d14	13.068	244	942902	58.145	ng	0.00

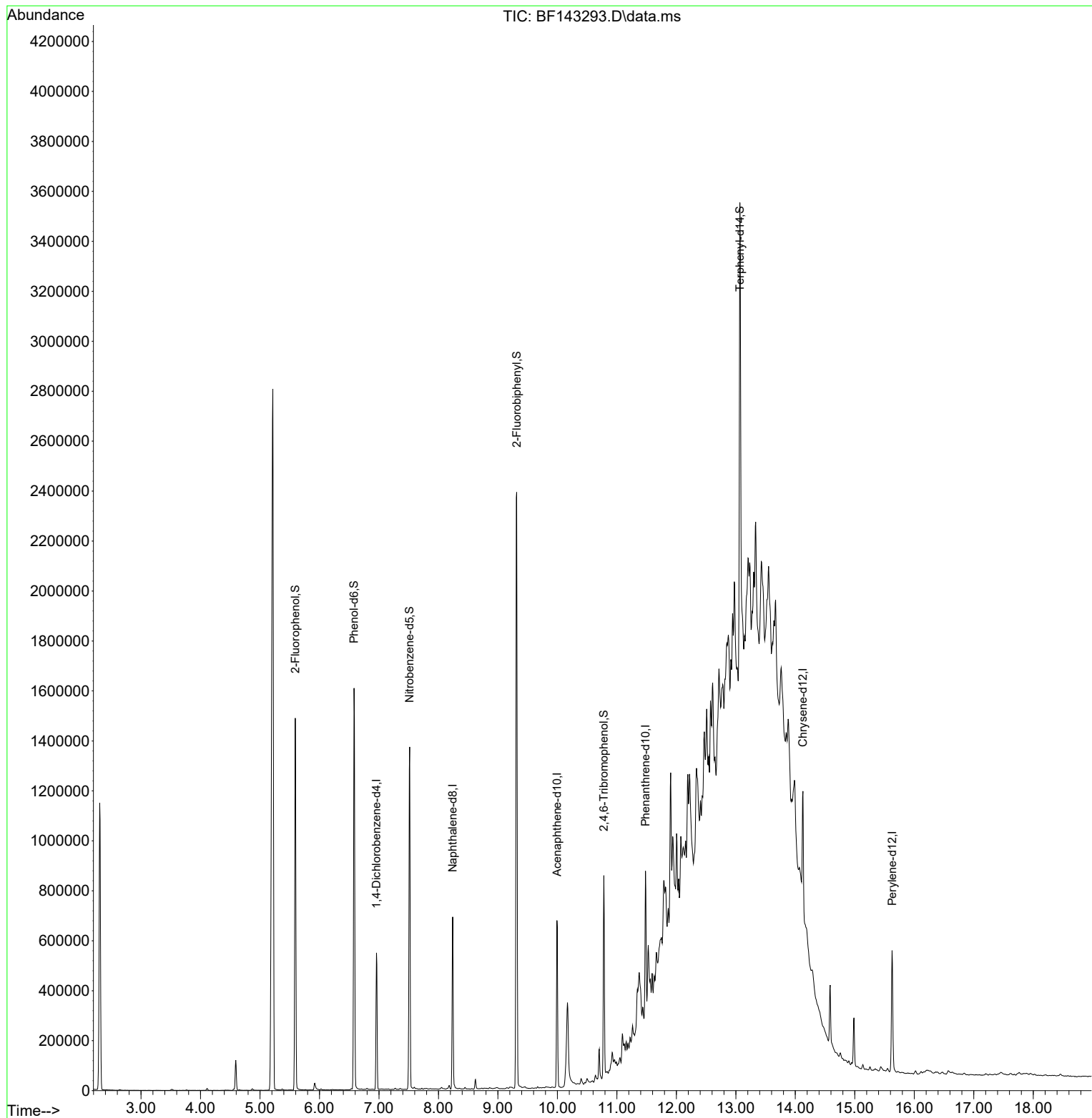
Target Compounds	Qvalue

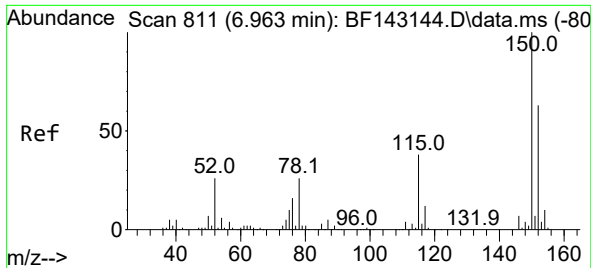
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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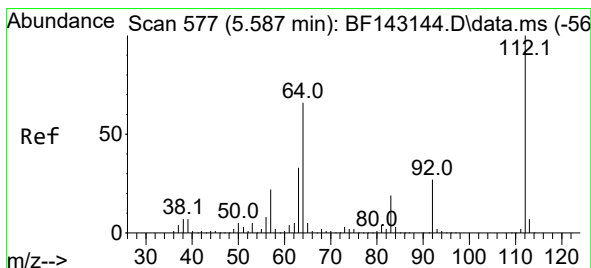
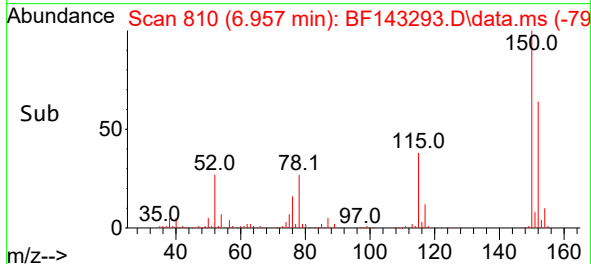
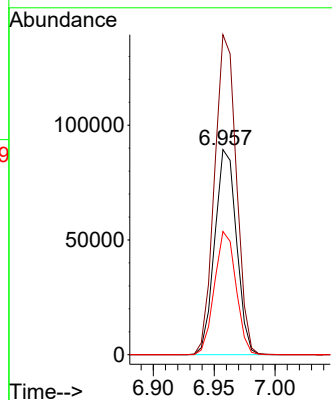
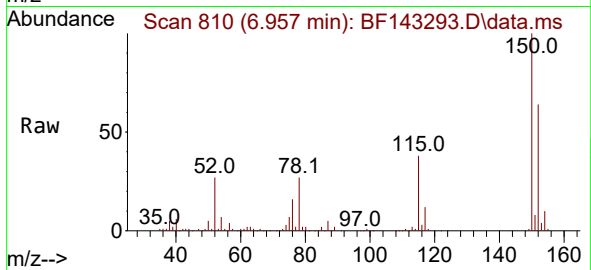




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BF143293.D
 Acq: 04 Aug 2025 13:42

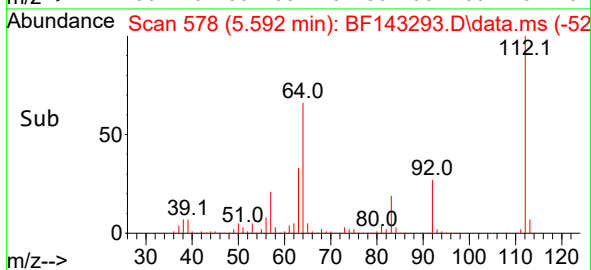
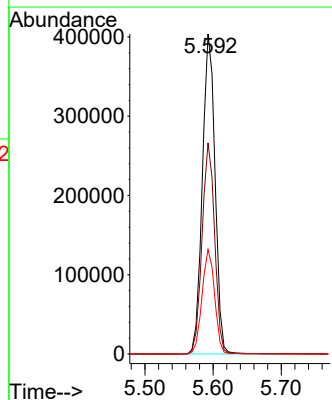
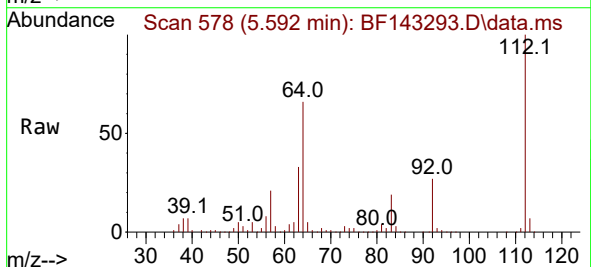
Instrument :
 BNA_F
 ClientSampleId :
 PAD-073125

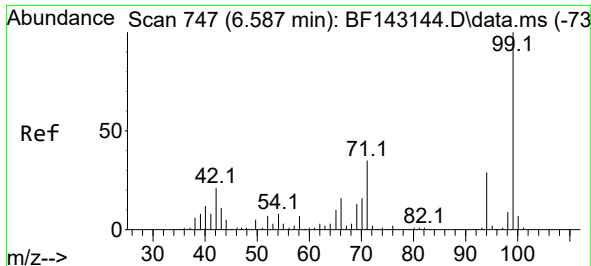
Tgt Ion:152 Resp: 111159
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.2 192.4
 115 60.1 47.9 71.9



#5
 2-Fluorophenol
 Concen: 74.394 ng
 RT: 5.592 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: BF143293.D
 Acq: 04 Aug 2025 13:42

Tgt Ion:112 Resp: 522576
 Ion Ratio Lower Upper
 112 100
 64 66.0 53.1 79.7
 63 32.7 26.6 40.0

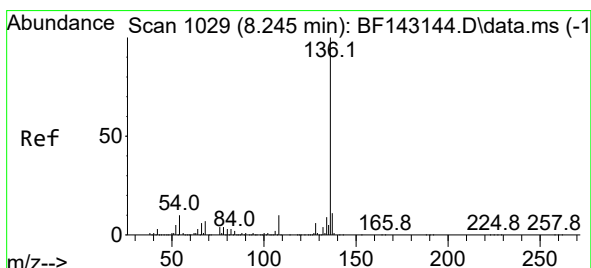
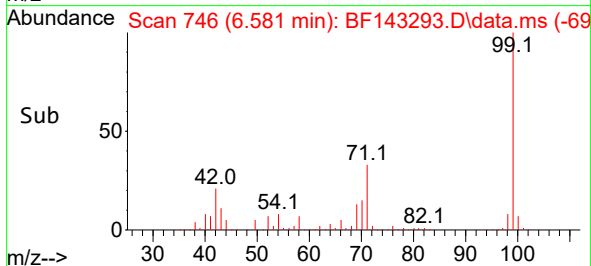
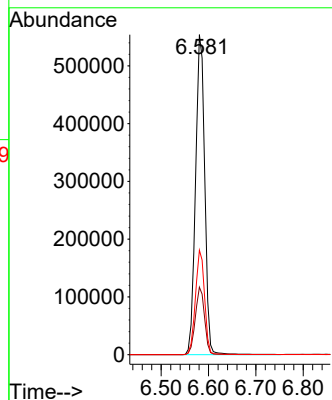
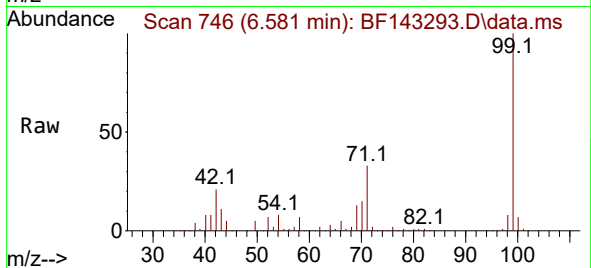




#7
Phenol-d6
Concen: 84.662 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143293.D
Acq: 04 Aug 2025 13:42

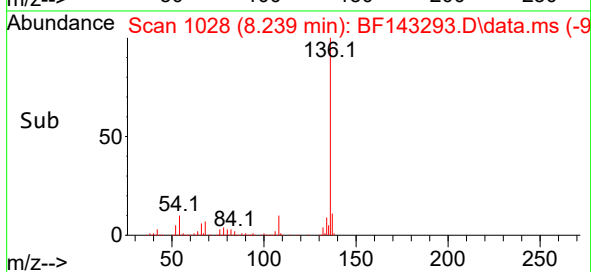
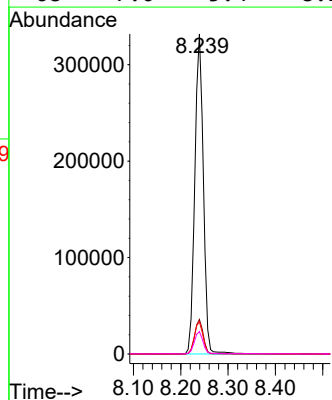
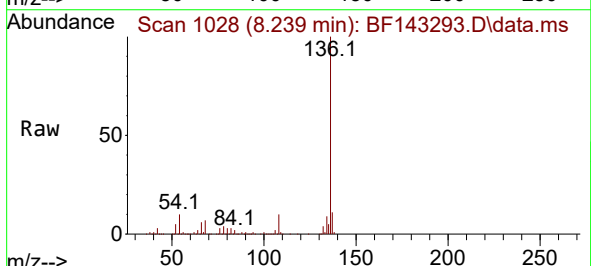
Instrument :
BNA_F
ClientSampleId :
PAD-073125

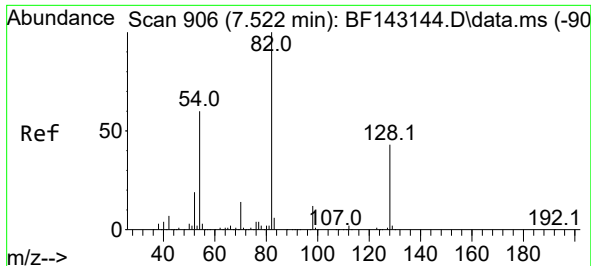
Tgt Ion: 99 Resp: 748542
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 32.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143293.D
Acq: 04 Aug 2025 13:42

Tgt Ion: 136 Resp: 416885
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.2 12.2
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 72.141 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143293.D

Acq: 04 Aug 2025 13:42

Instrument :

BNA_F

ClientSampleId :

PAD-073125

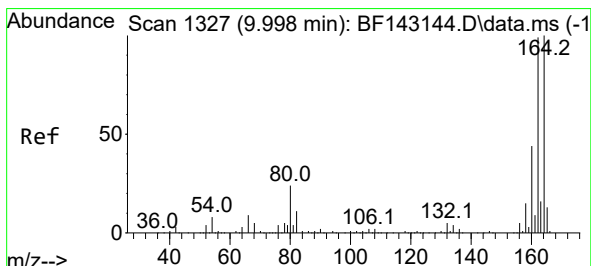
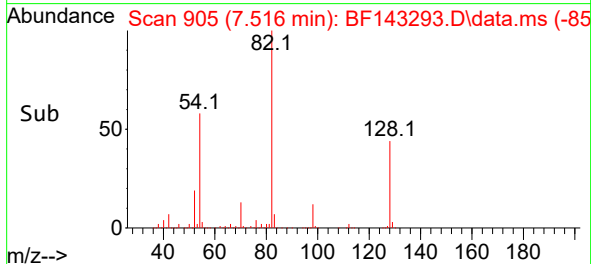
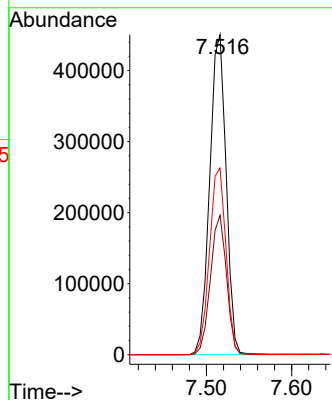
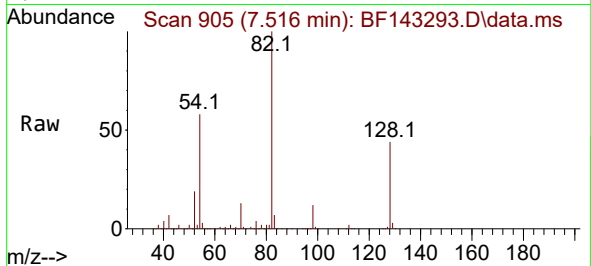
Tgt Ion: 82 Resp: 603336

Ion Ratio Lower Upper

82 100

128 43.6 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: BF143293.D

Acq: 04 Aug 2025 13:42

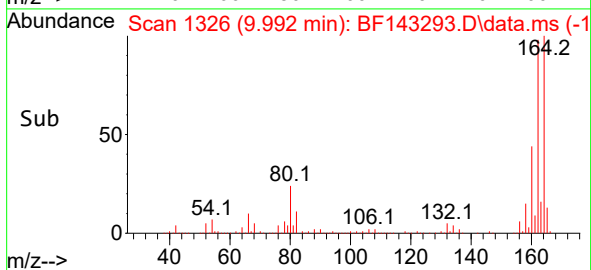
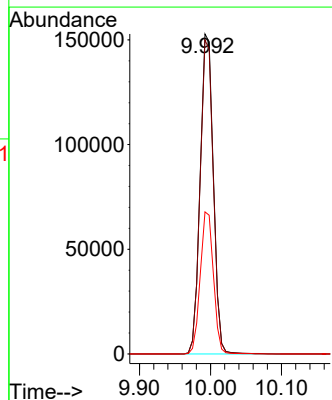
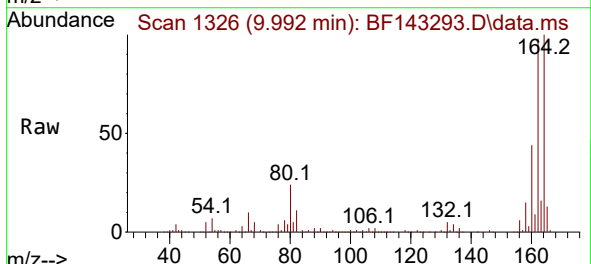
Tgt Ion:164 Resp: 198077

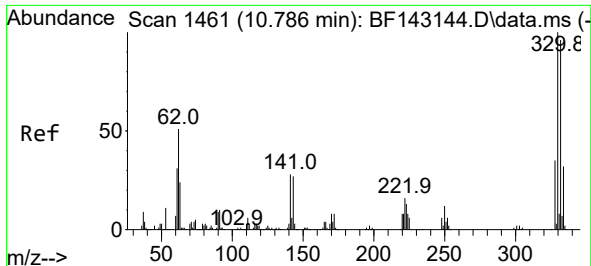
Ion Ratio Lower Upper

164 100

162 98.1 79.0 118.6

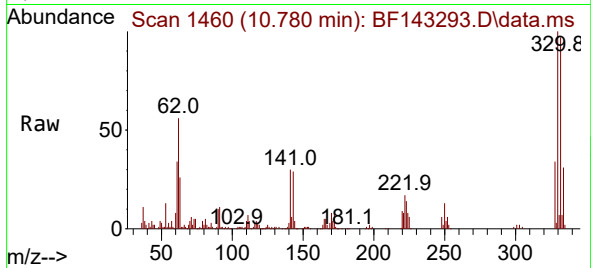
160 44.4 35.1 52.7



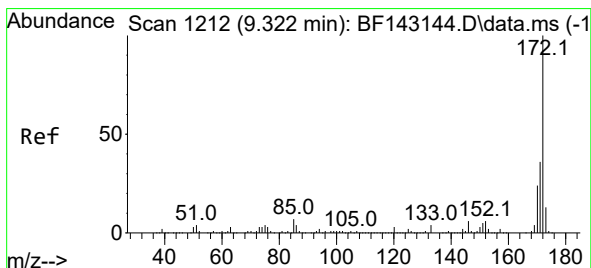
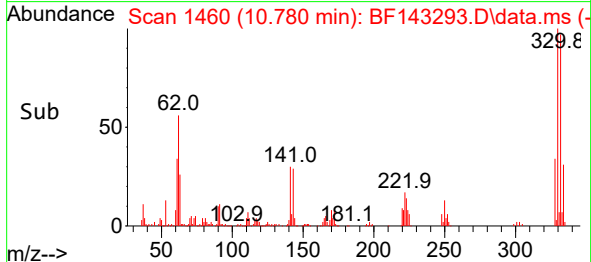
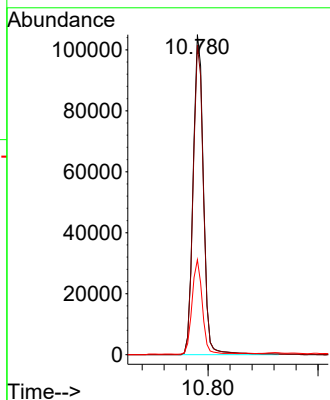


#42
2,4,6-Tribromophenol
Concen: 66.855 ng
RT: 10.780 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143293.D
Acq: 04 Aug 2025 13:42

Instrument :
BNA_F
ClientSampleId :
PAD-073125

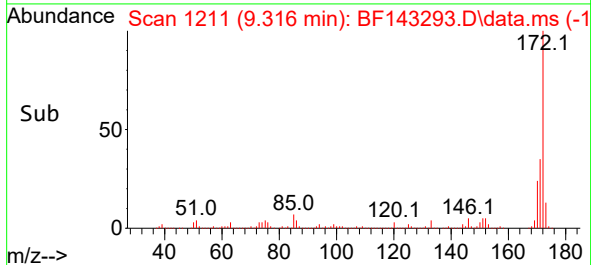
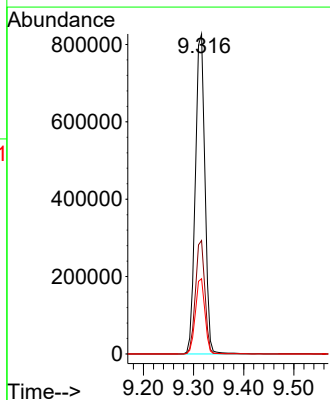
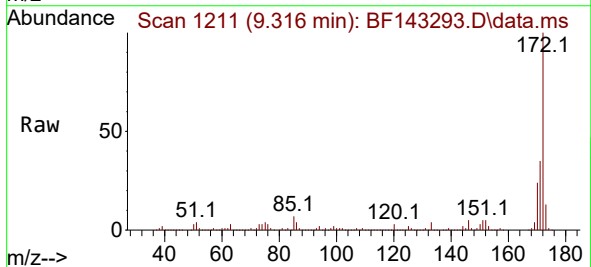


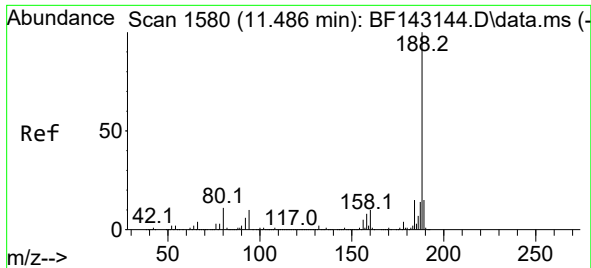
Tgt Ion:330 Resp: 136802
Ion Ratio Lower Upper
330 100
332 97.4 76.7 115.1
141 29.4 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 75.810 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143293.D
Acq: 04 Aug 2025 13:42

Tgt Ion:172 Resp: 1097975
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 18.8 28.2

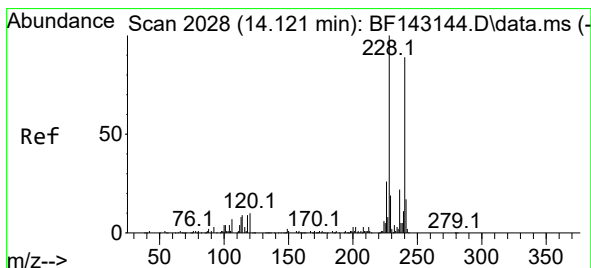
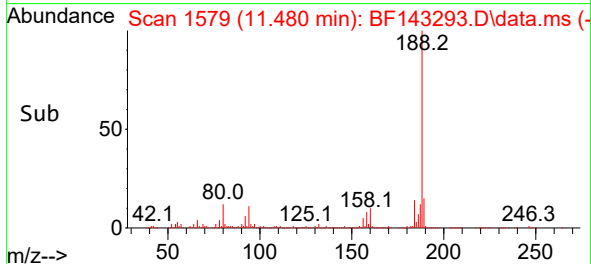
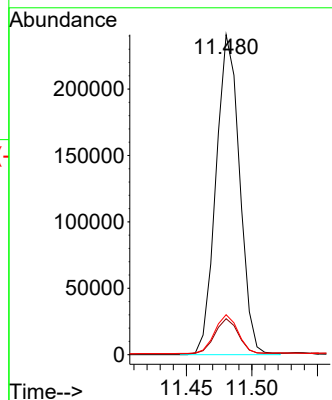
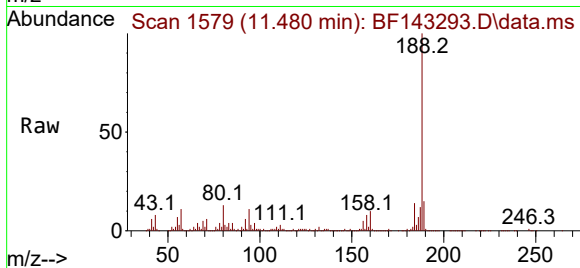




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143293.D
Acq: 04 Aug 2025 13:42

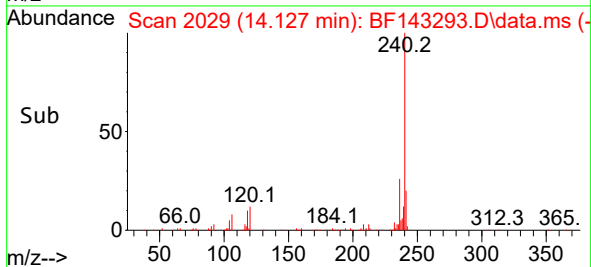
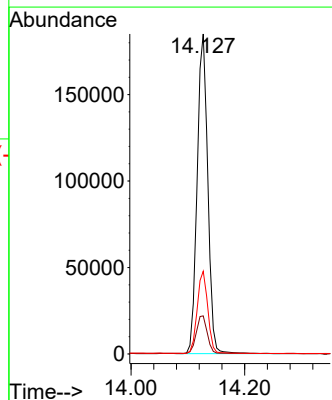
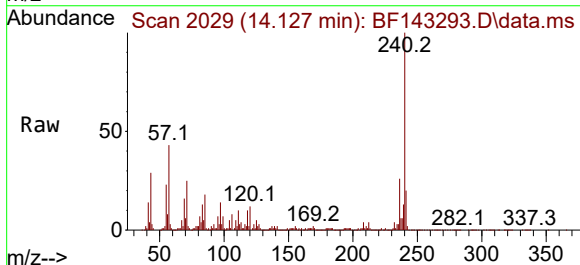
Instrument :
BNA_F
ClientSampleId :
PAD-073125

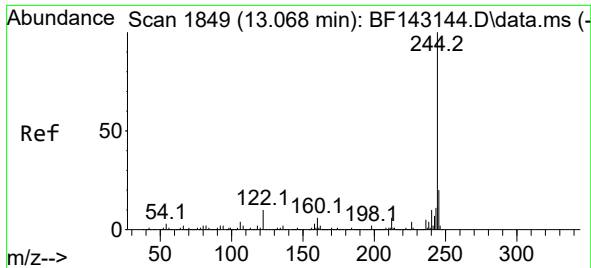
Tgt Ion:188 Resp: 301991
Ion Ratio Lower Upper
188 100
94 11.2 8.3 12.5
80 12.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143293.D
Acq: 04 Aug 2025 13:42

Tgt Ion:240 Resp: 241316
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.8 20.2 30.4

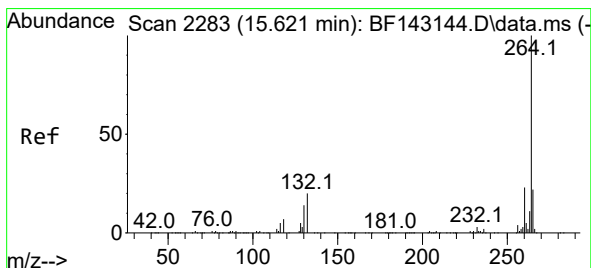
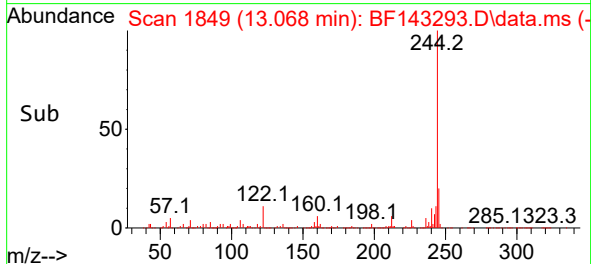
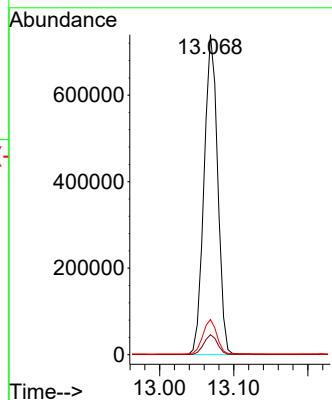
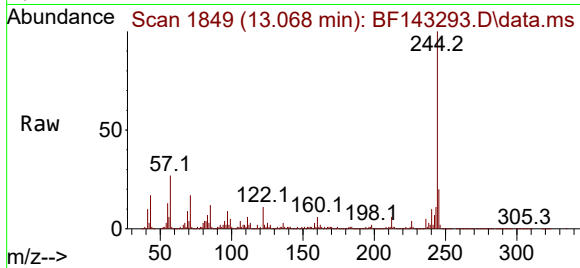




#79
 Terphenyl-d14
 Concen: 58.145 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143293.D
 Acq: 04 Aug 2025 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PAD-073125

Tgt Ion:244 Resp: 942902
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 11.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF143293.D
 Acq: 04 Aug 2025 13:42

Tgt Ion:264 Resp: 287630
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 20.8 17.4 26.2

