

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144454.D
 Acq On : 12 Dec 2025 16:50
 Operator : RC/JU
 Sample : PB170916BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170916BL

Quant Time: Dec 12 17:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	203801	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	809340	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	440198	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	771186	20.000	ng	0.00
76) Chrysene-d12	13.939	240	613896	20.000	ng	0.00
86) Perylene-d12	15.374	264	464092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1863664	137.882	ng	0.01
7) Phenol-d6	6.416	99	2311430	137.102	ng	0.00
23) Nitrobenzene-d5	7.351	82	1398323	108.118	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	647784	162.767	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2605675	90.807	ng	0.00
79) Terphenyl-d14	12.898	244	3031495	77.962	ng	0.00

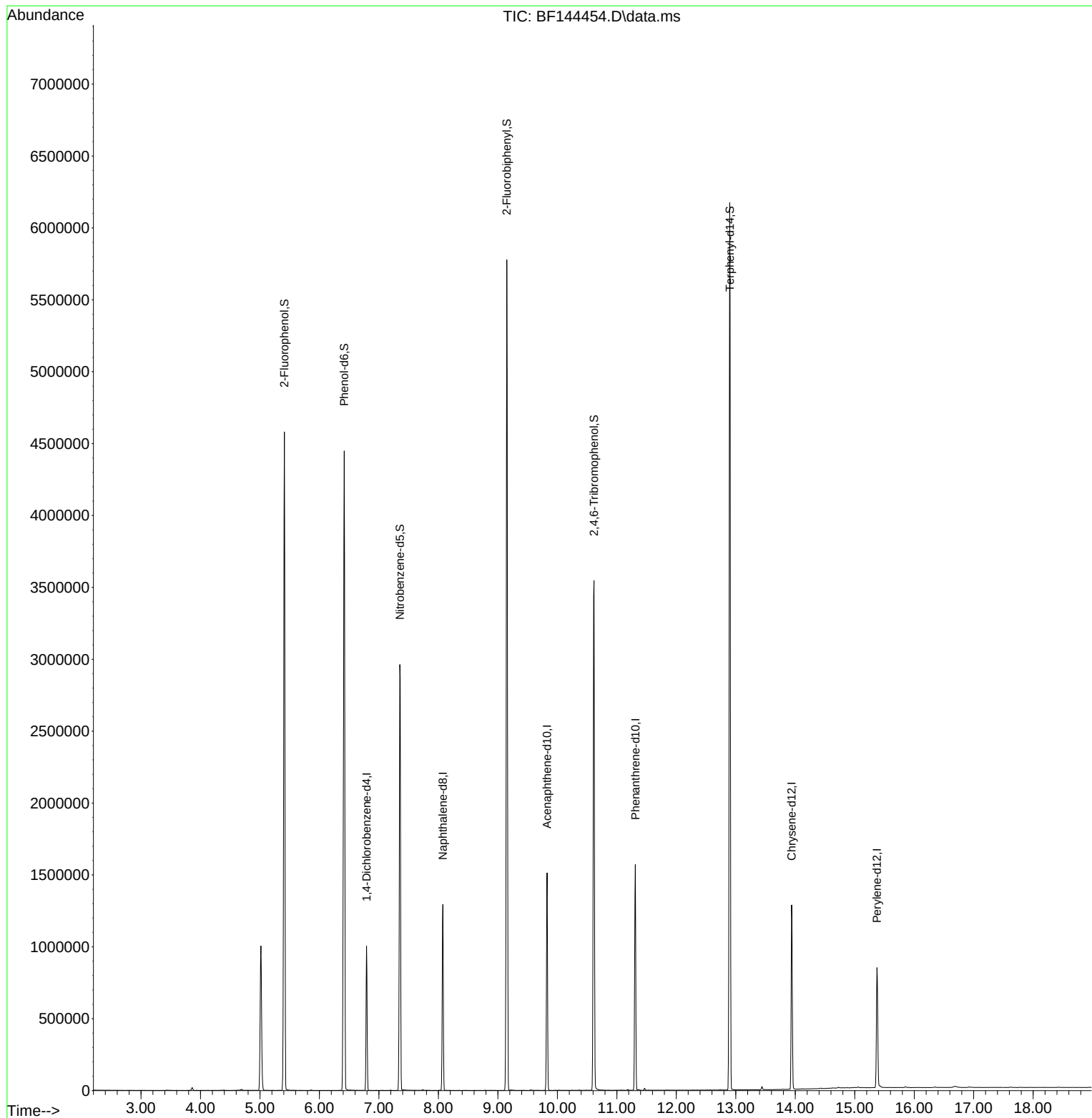
Target Compounds	Qvalue

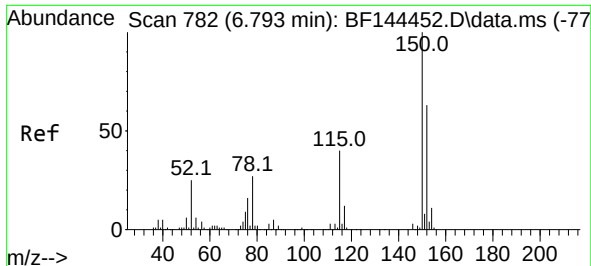
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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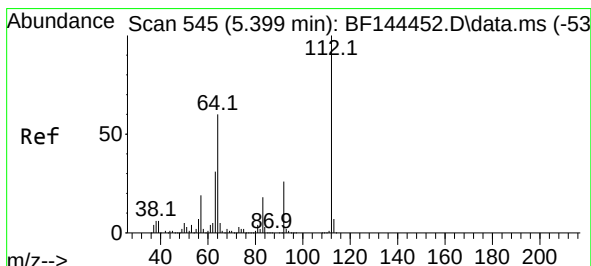
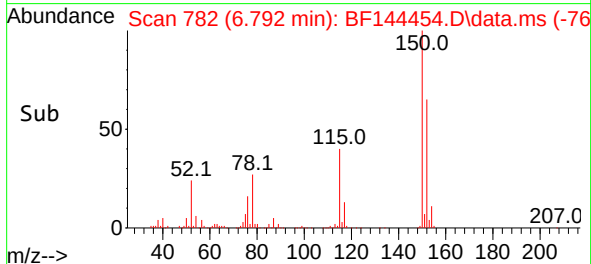
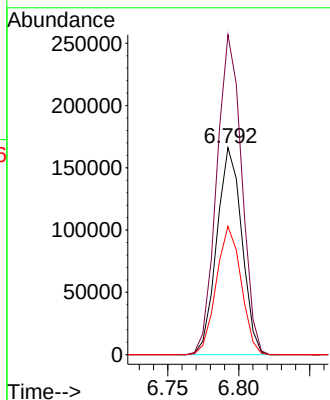
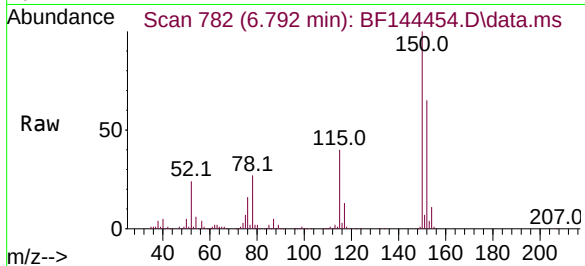




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 782
 Delta R.T. -0.001 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

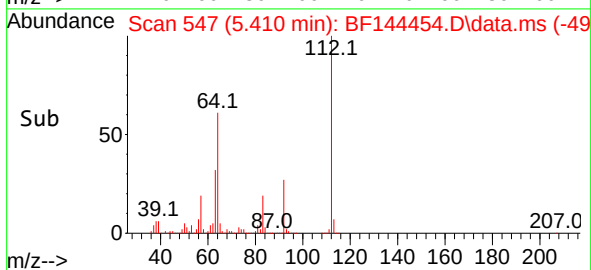
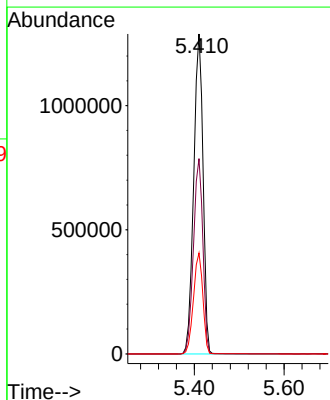
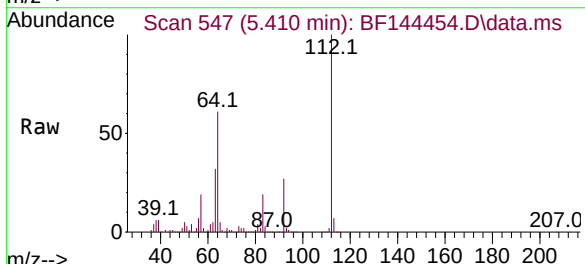
Instrument :
 BNA_F
 ClientSampleId :
 PB170916BL

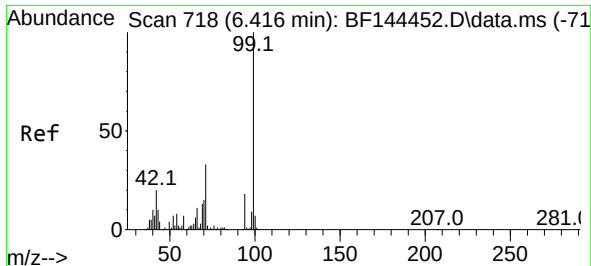
Tgt Ion:152 Resp: 203801
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.4 191.2
 115 62.0 51.4 77.0



#5
 2-Fluorophenol
 Concen: 137.882 ng
 RT: 5.410 min Scan# 547
 Delta R.T. 0.012 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

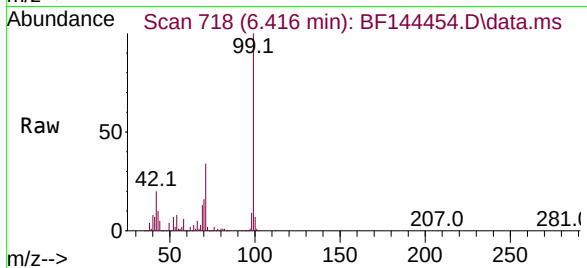
Tgt Ion:112 Resp: 1863664
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.8 71.6
 63 31.5 24.6 37.0





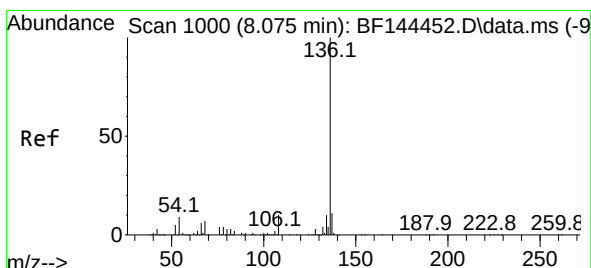
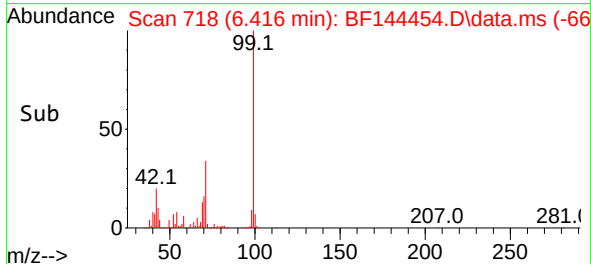
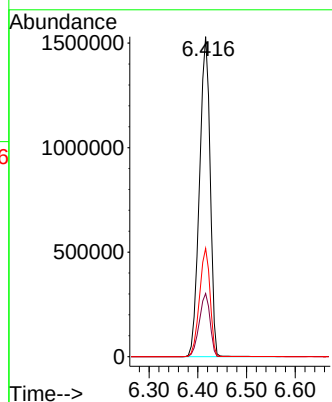
#7
Phenol-d6
Concen: 137.102 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

Instrument :
BNA_F
ClientSampleId :
PB170916BL



Tgt Ion: 99 Resp: 2311430

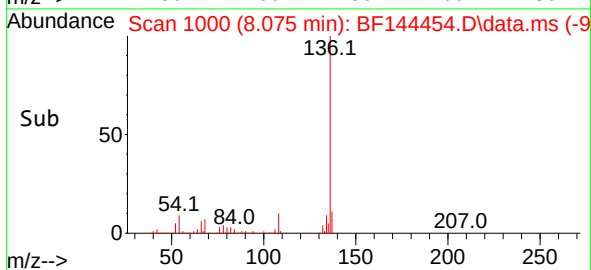
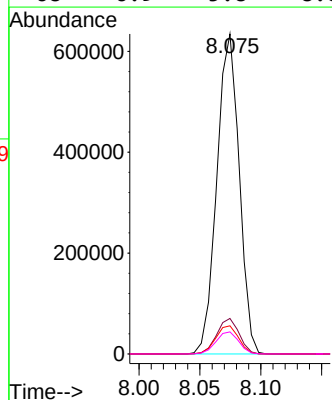
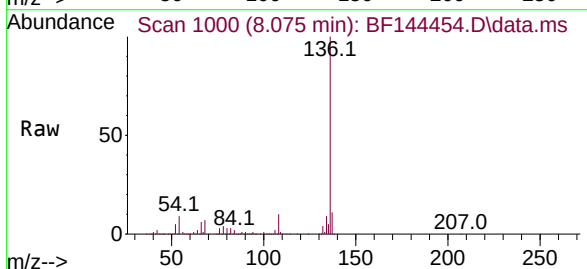
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.7	23.5
71	33.8	26.4	39.6

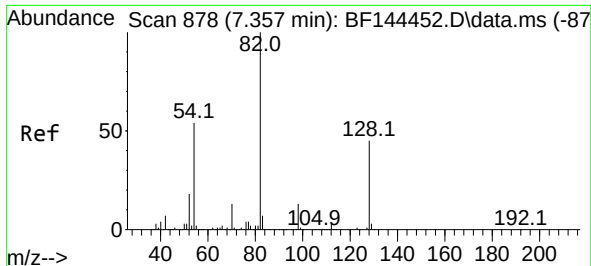


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

Tgt Ion: 136 Resp: 809340

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	7.5	11.3
68	6.9	5.8	8.8

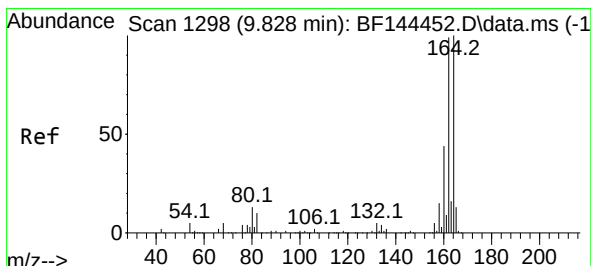
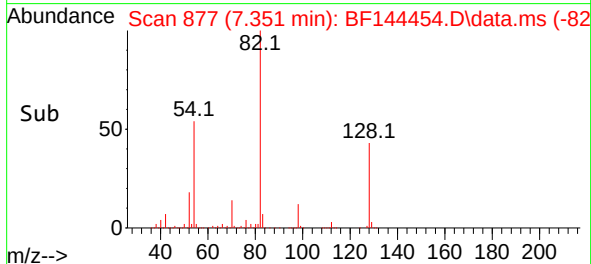
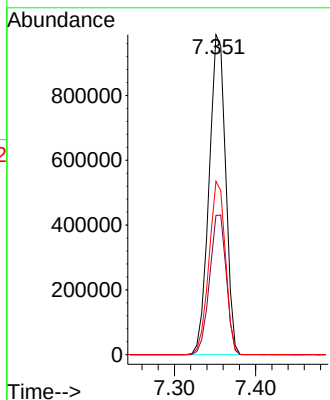
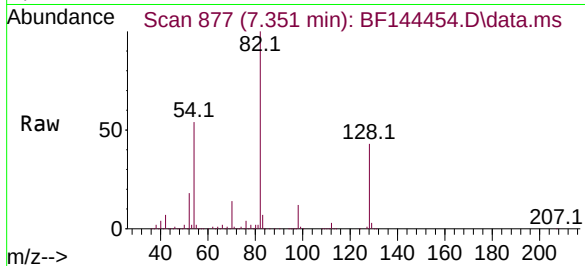




#23
Nitrobenzene-d5
Concen: 108.118 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

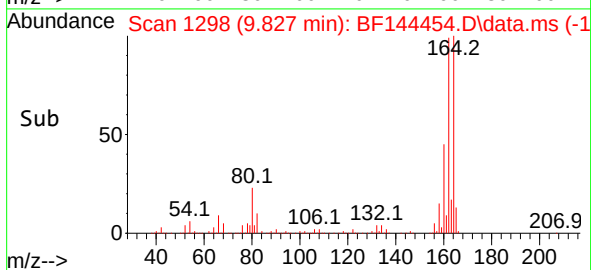
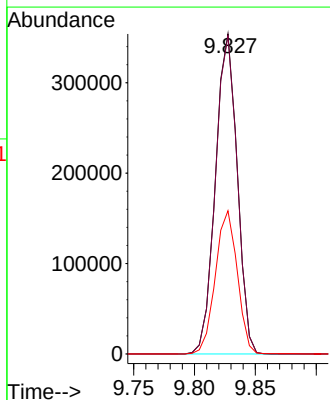
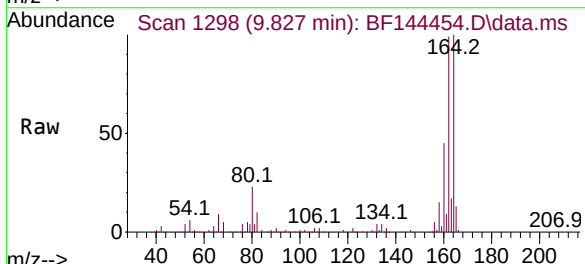
Instrument :
BNA_F
ClientSampleId :
PB170916BL

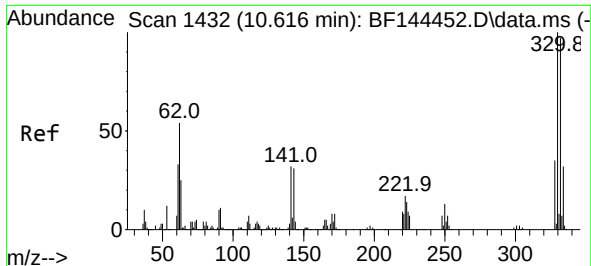
Tgt Ion: 82 Resp: 1398323
Ion Ratio Lower Upper
82 100
128 43.5 35.5 53.3
54 54.1 43.3 64.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

Tgt Ion:164 Resp: 440198
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 44.7 35.3 52.9



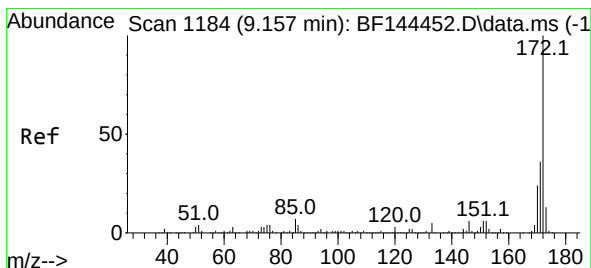
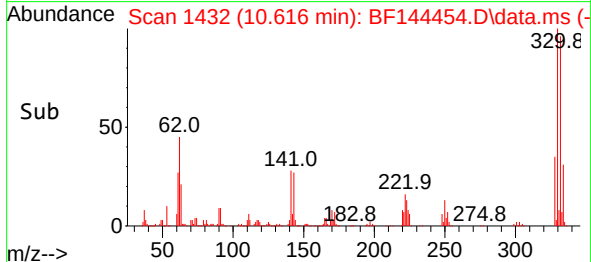
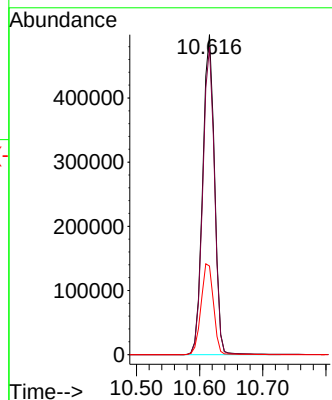
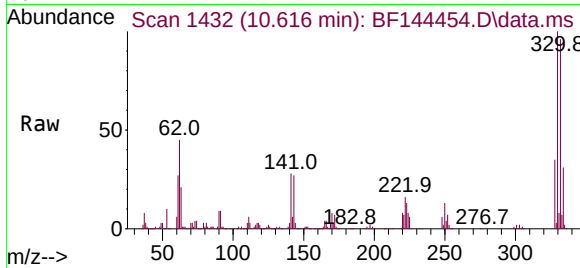


#42
 2,4,6-Tribromophenol
 Concen: 162.767 ng
 RT: 10.616 min Scan# 1432
 Delta R.T. -0.000 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB170916BL

Tgt Ion:330 Resp: 647784

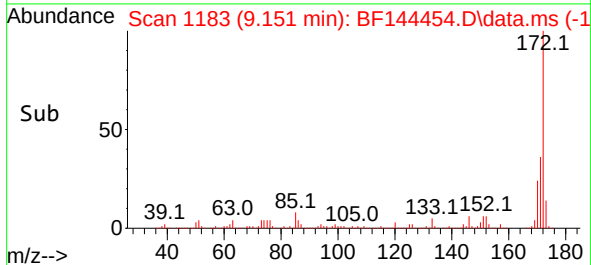
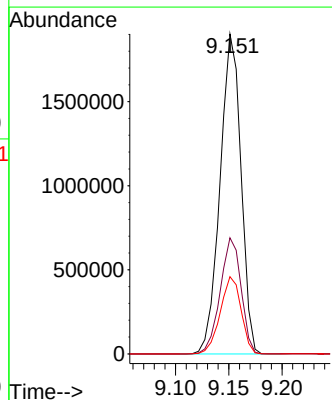
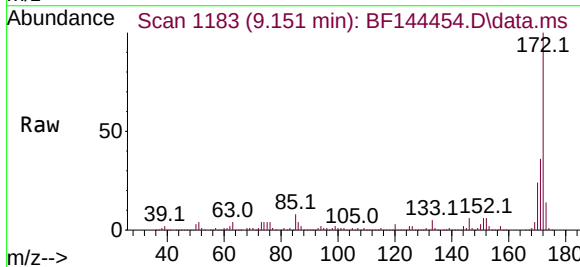
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.5	116.3
141	29.9	26.2	39.2

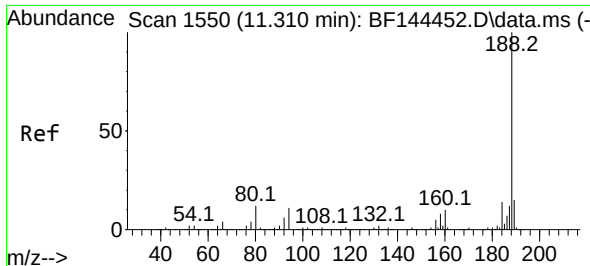


#45
 2-Fluorobiphenyl
 Concen: 90.807 ng
 RT: 9.151 min Scan# 1183
 Delta R.T. -0.006 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

Tgt Ion:172 Resp: 2605675

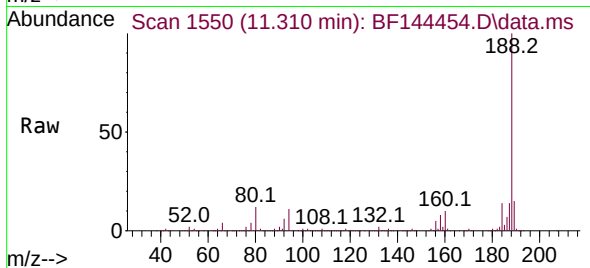
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	24.1	19.3	28.9



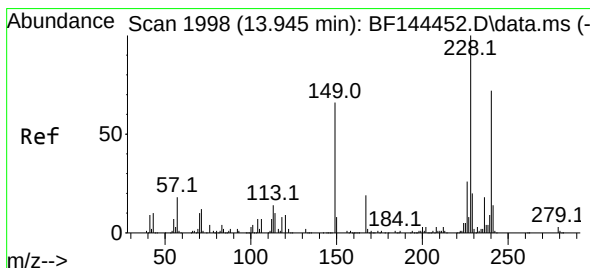
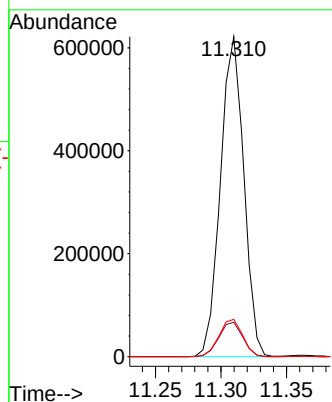
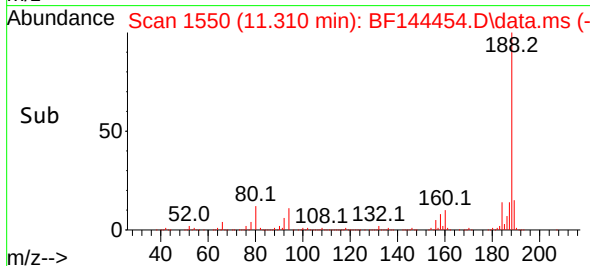


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50

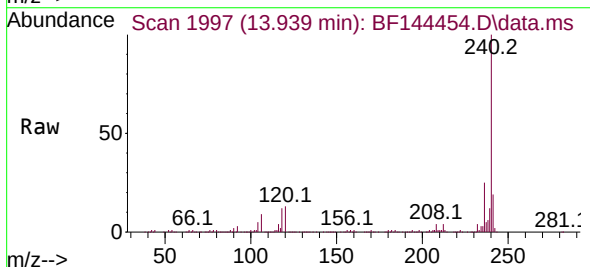
Instrument :
BNA_F
ClientSampleId :
PB170916BL



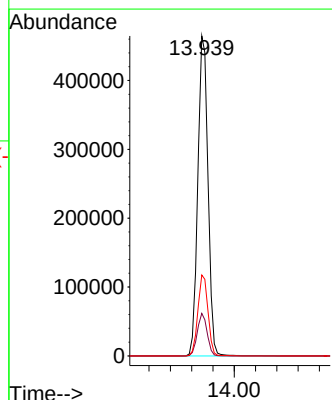
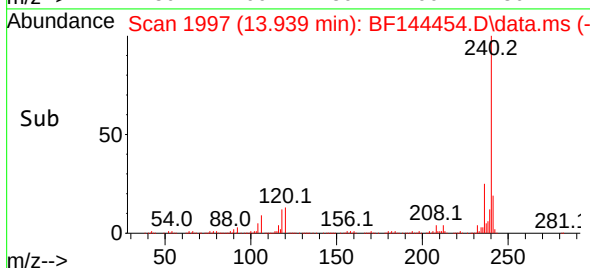
Tgt Ion:188 Resp: 771186
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.6 9.8 14.8

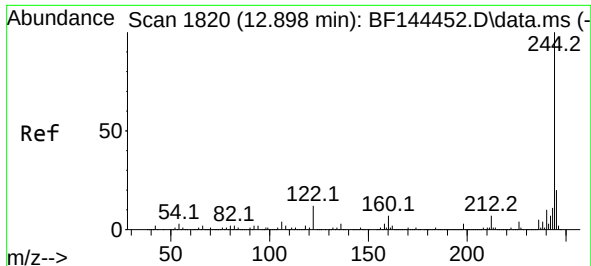


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144454.D
Acq: 12 Dec 2025 16:50



Tgt Ion:240 Resp: 613896
Ion Ratio Lower Upper
240 100
120 13.3 10.3 15.5
236 25.3 20.2 30.4

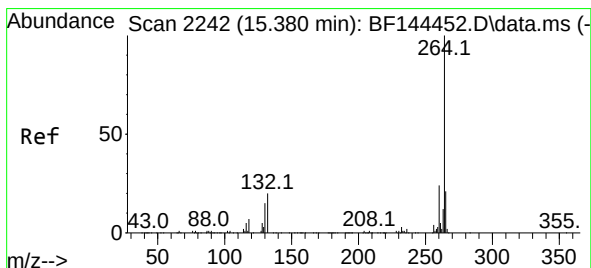
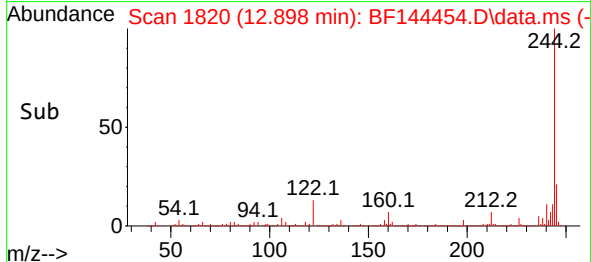
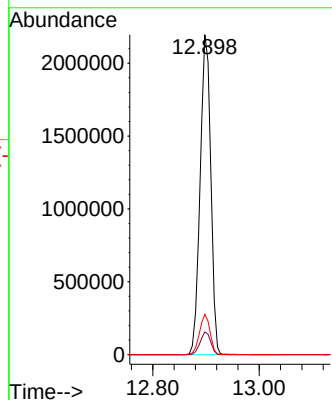
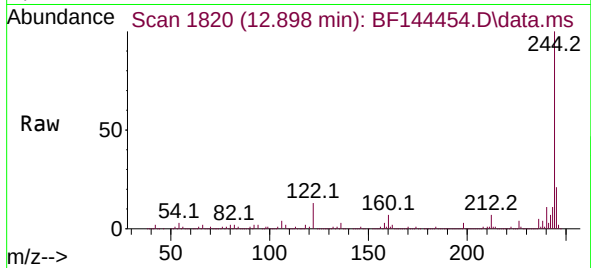




#79
 Terphenyl-d14
 Concen: 77.962 ng
 RT: 12.898 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB170916BL

Tgt Ion:244 Resp: 3031495
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 12.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 2241
 Delta R.T. -0.006 min
 Lab File: BF144454.D
 Acq: 12 Dec 2025 16:50

Tgt Ion:264 Resp: 464092
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.5 17.1 25.7

