

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
 Data File : BF144427.D
 Acq On : 04 Dec 2025 13:30
 Operator : RC/JU
 Sample : PB170823BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170823BL

Quant Time: Dec 04 13:50:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	47403	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	183851	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	105371	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	188531	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	123172	20.000	ng	0.00
86) Perylene-d12	15.527	264	136675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	371109	122.511	ng	0.00
7) Phenol-d6	6.498	99	424947	123.808	ng	0.00
23) Nitrobenzene-d5	7.422	82	272932	85.739	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	158357	119.760	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	593429	83.178	ng	-0.01
79) Terphenyl-d14	12.980	244	680435	87.748	ng	-0.01

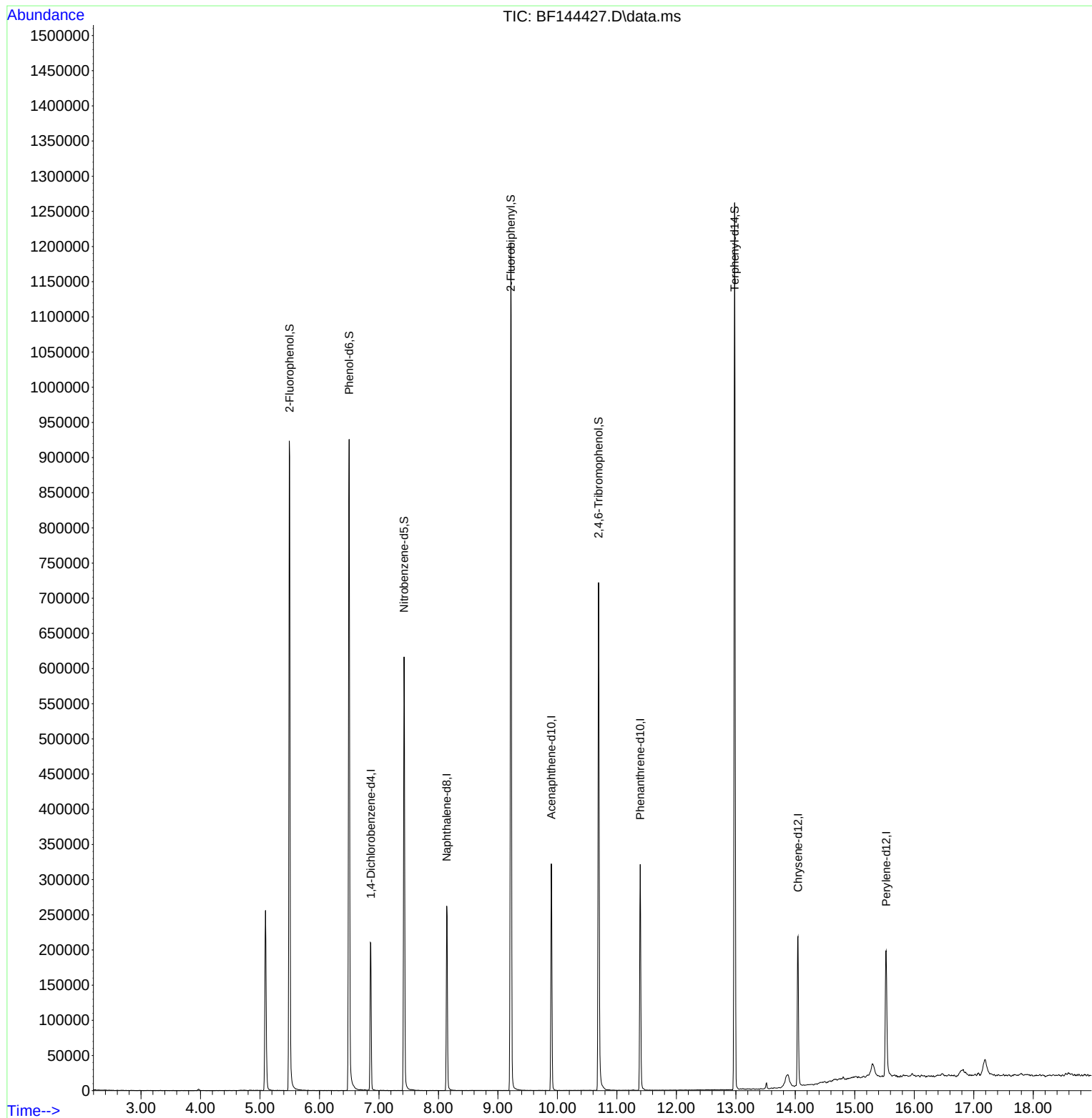
Target Compounds	Qvalue

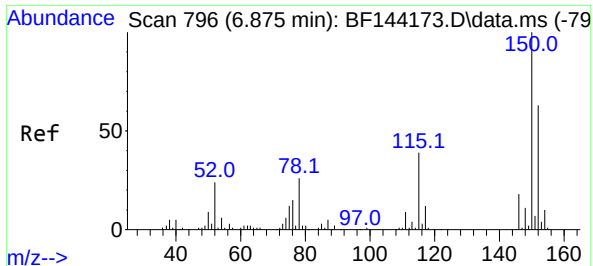
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
Data File : BF144427.D
Acq On : 04 Dec 2025 13:30
Operator : RC/JU
Sample : PB170823BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170823BL

Quant Time: Dec 04 13:50:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

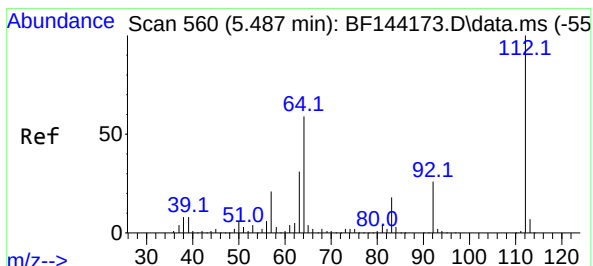
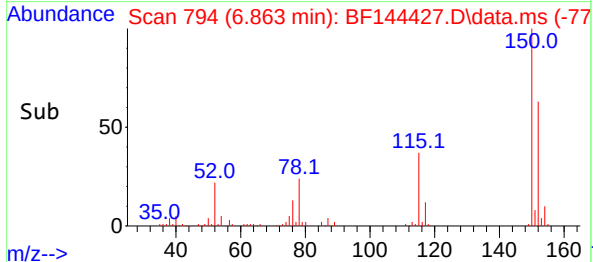
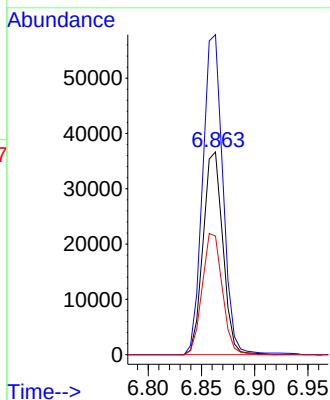
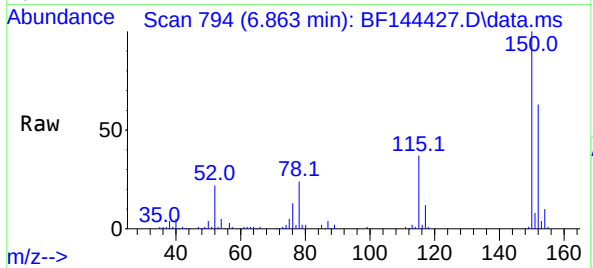




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

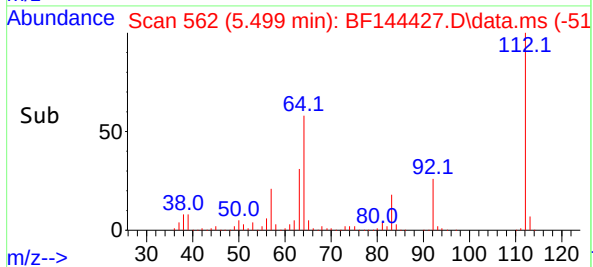
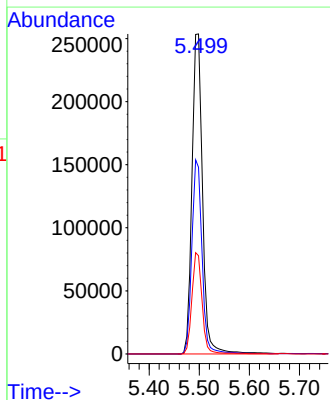
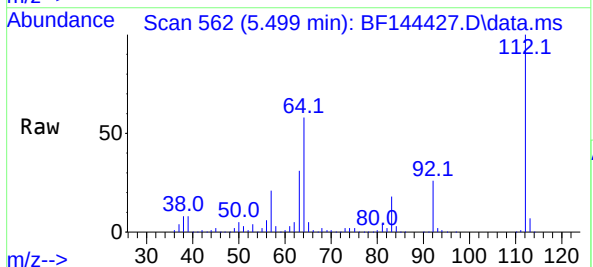
Instrument :
BNA_F
ClientSampleId :
PB170823BL

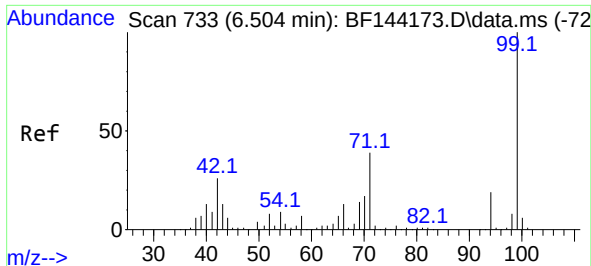
Tgt Ion:152 Resp: 47403
Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.0
115 58.5 49.5 74.3



#5
2-Fluorophenol
Concen: 122.511 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

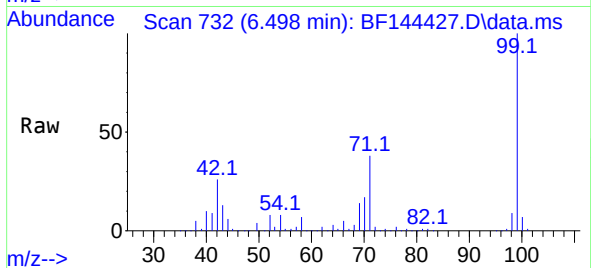
Tgt Ion:112 Resp: 371109
Ion Ratio Lower Upper
112 100
64 58.3 47.2 70.8
63 30.7 24.4 36.6





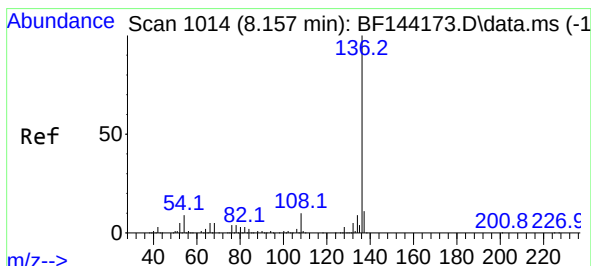
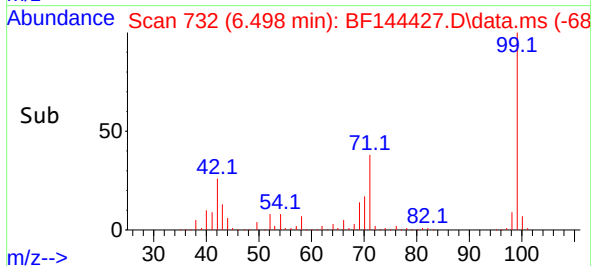
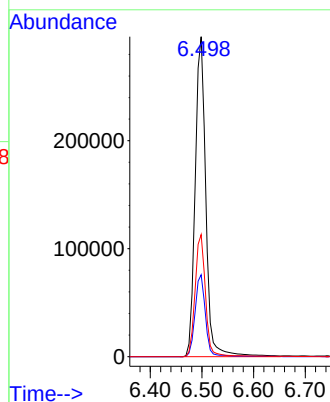
#7
Phenol-d6
Concen: 123.808 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

Instrument :
BNA_F
ClientSampleId :
PB170823BL



Tgt Ion: 99 Resp: 424947

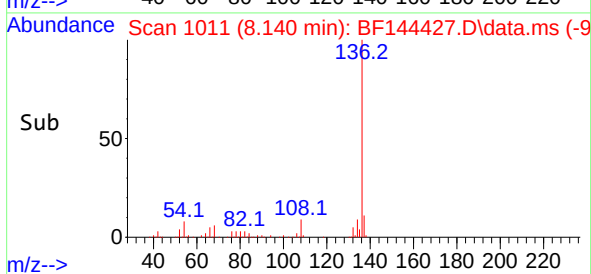
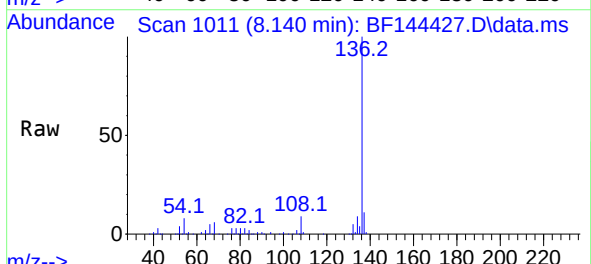
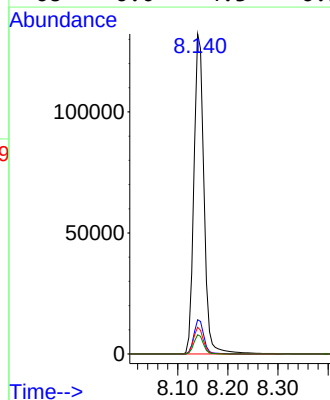
Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.9	31.3
71	38.2	31.4	47.2

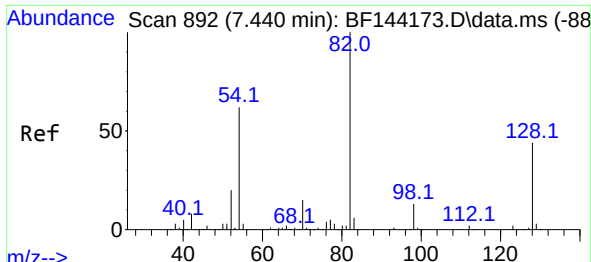


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

Tgt Ion:136 Resp: 183851

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	7.0	10.6
68	6.0	4.3	6.5

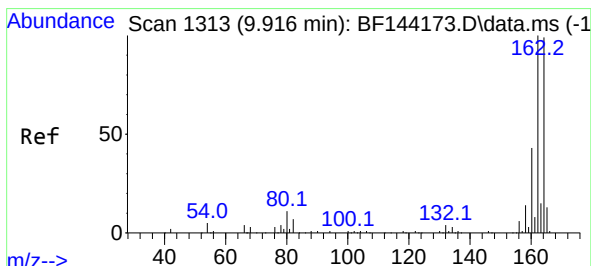
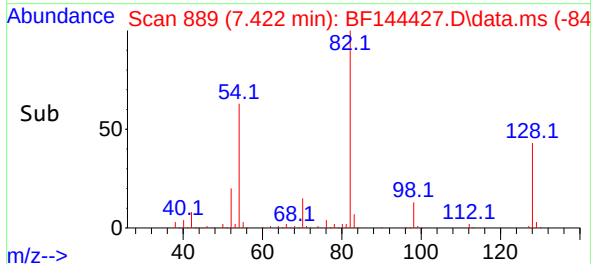
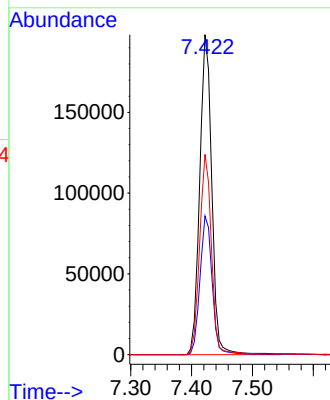
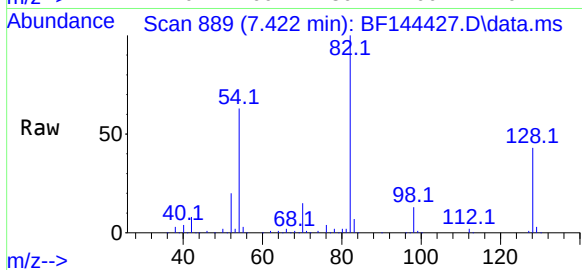




#23
Nitrobenzene-d5
Concen: 85.739 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

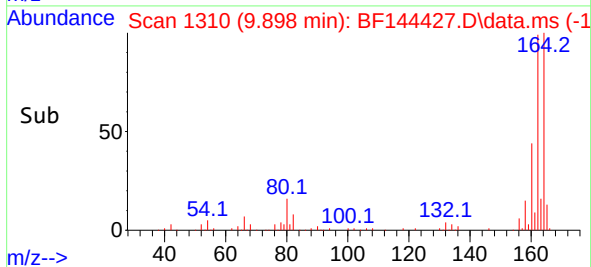
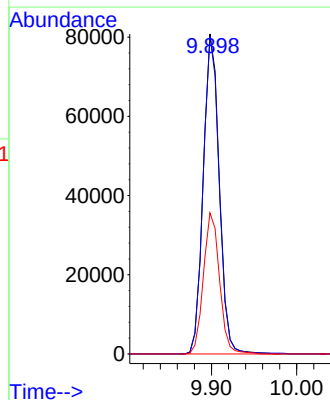
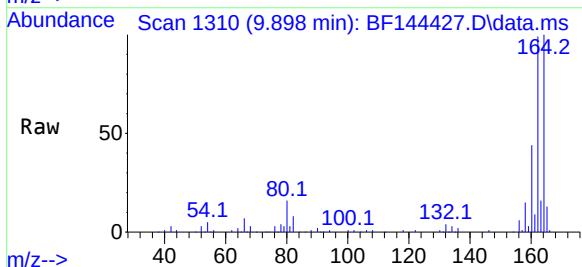
Instrument :
BNA_F
ClientSampleId :
PB170823BL

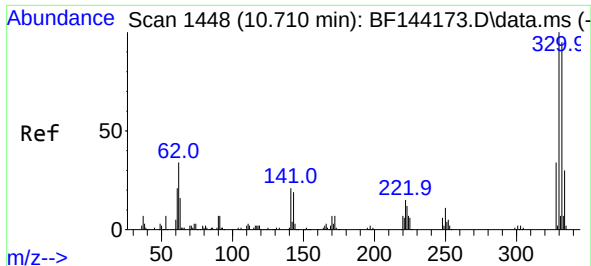
Tgt Ion: 82 Resp: 272932
Ion Ratio Lower Upper
82 100
128 43.3 34.7 52.1
54 62.6 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

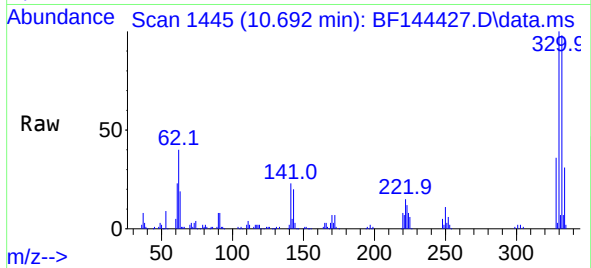
Tgt Ion:164 Resp: 105371
Ion Ratio Lower Upper
164 100
162 99.4 81.1 121.7
160 44.1 34.5 51.7



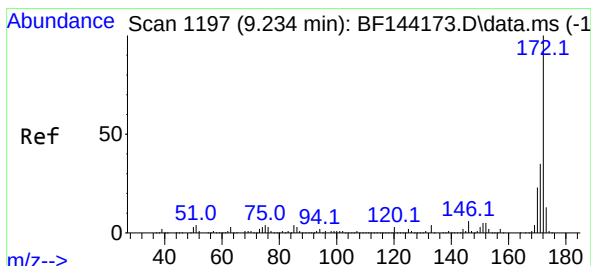
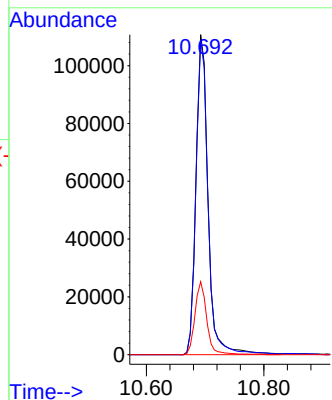
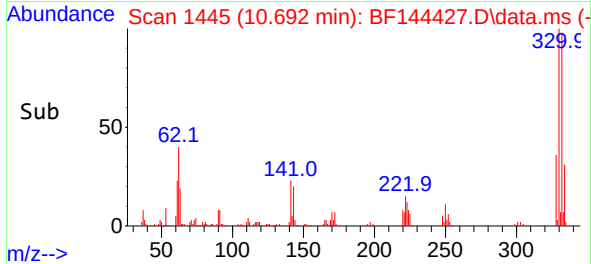


#42
2,4,6-Tribromophenol
Concen: 119.760 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

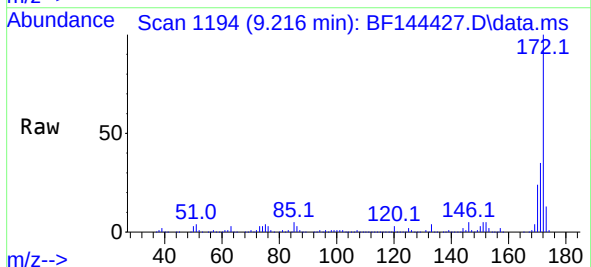
Instrument :
BNA_F
ClientSampleId :
PB170823BL



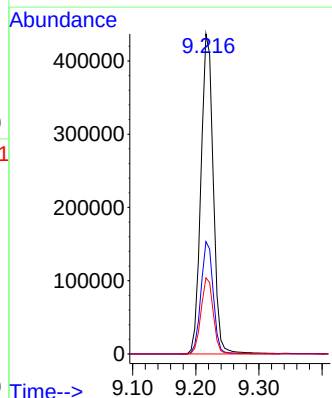
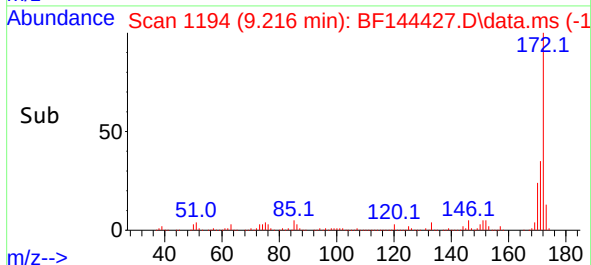
Tgt Ion:330 Resp: 158357
Ion Ratio Lower Upper
330 100
332 97.6 76.7 115.1
141 22.2 17.8 26.8

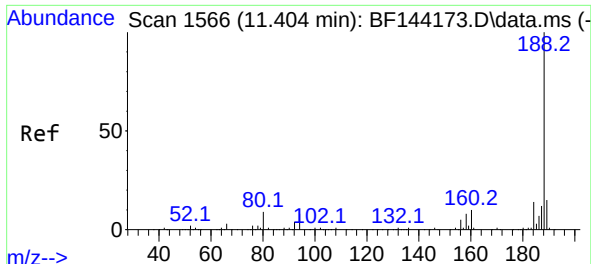


#45
2-Fluorobiphenyl
Concen: 83.178 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30



Tgt Ion:172 Resp: 593429
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.8 18.6 28.0

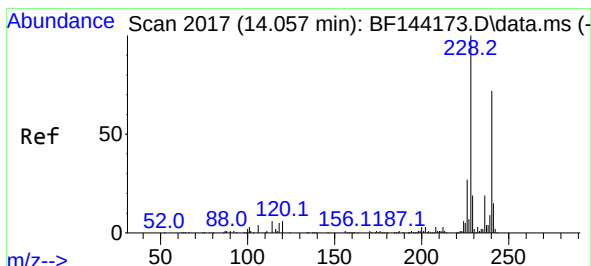
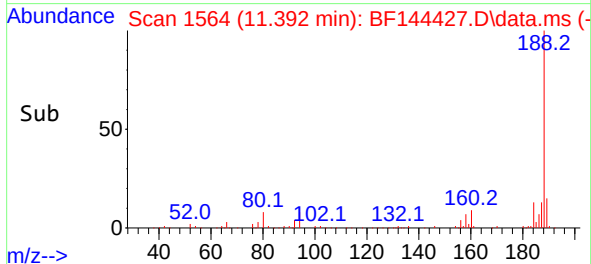
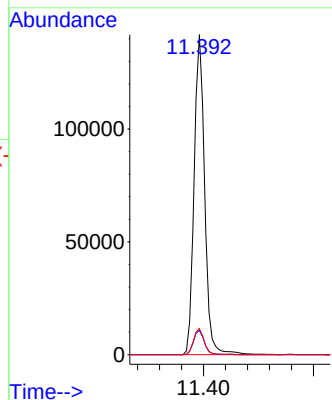
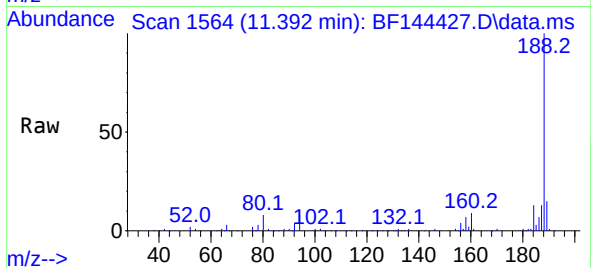




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

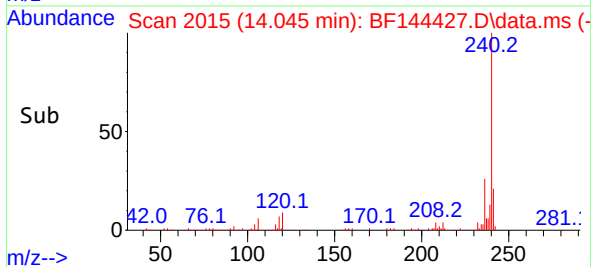
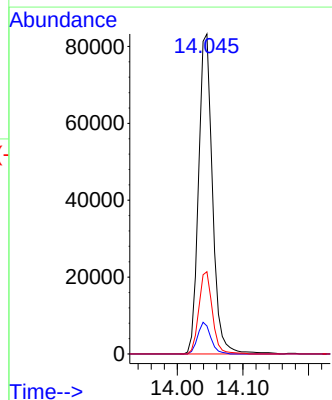
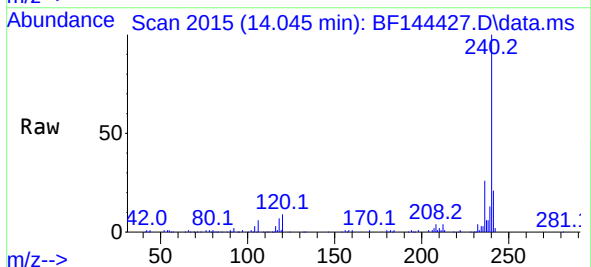
Instrument :
BNA_F
ClientSampleId :
PB170823BL

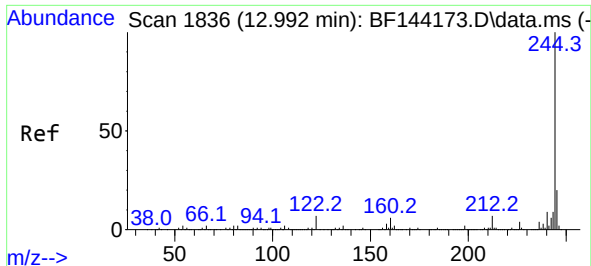
Tgt Ion:188 Resp: 188531
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

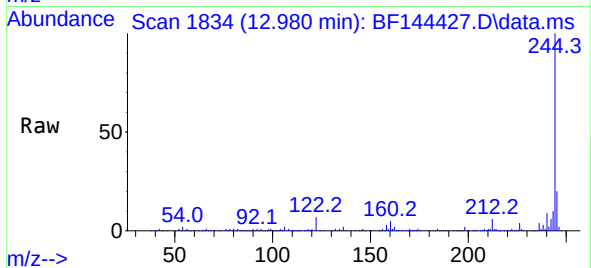
Tgt Ion:240 Resp: 123172
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 25.7 21.4 32.2



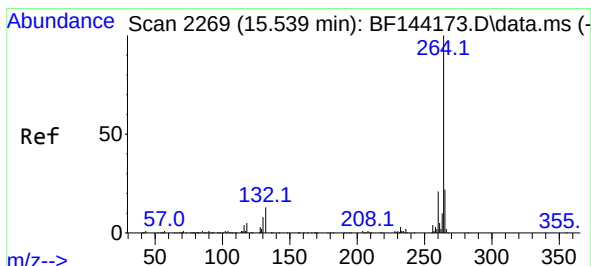
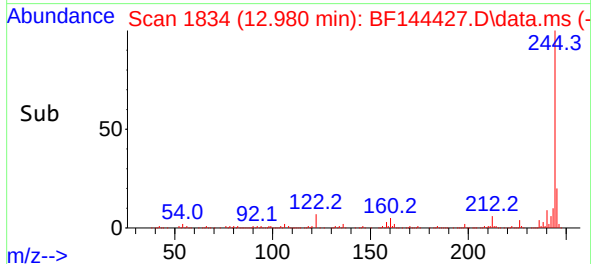
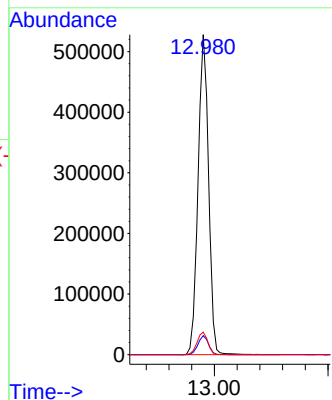


#79
Terphenyl-d14
Concen: 87.748 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

Instrument :
BNA_F
ClientSampleId :
PB170823BL



Tgt Ion:244 Resp: 680435
Ion Ratio Lower Upper
244 100
212 6.0 5.3 7.9
122 7.1 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

Tgt Ion:264 Resp: 136675
Ion Ratio Lower Upper
264 100
260 21.5 17.1 25.7
265 21.3 17.4 26.0

