

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
 Data File : BF143080.D
 Acq On : 11 Jul 2025 17:22
 Operator : RC/JU
 Sample : PB168737BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168737BL

Quant Time: Jul 11 18:13:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 17:57:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	137189	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	555252	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	289849	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	460342	20.000	ng	0.00
76) Chrysene-d12	14.127	240	237885	20.000	ng	0.00
86) Perylene-d12	15.633	264	239416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1108700	128.388	ng	0.01
7) Phenol-d6	6.581	99	1369543	125.343	ng	0.00
23) Nitrobenzene-d5	7.522	82	837630	107.801	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	331008	154.293	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1599336	86.728	ng	0.00
79) Terphenyl-d14	13.074	244	1436762	104.343	ng	0.00

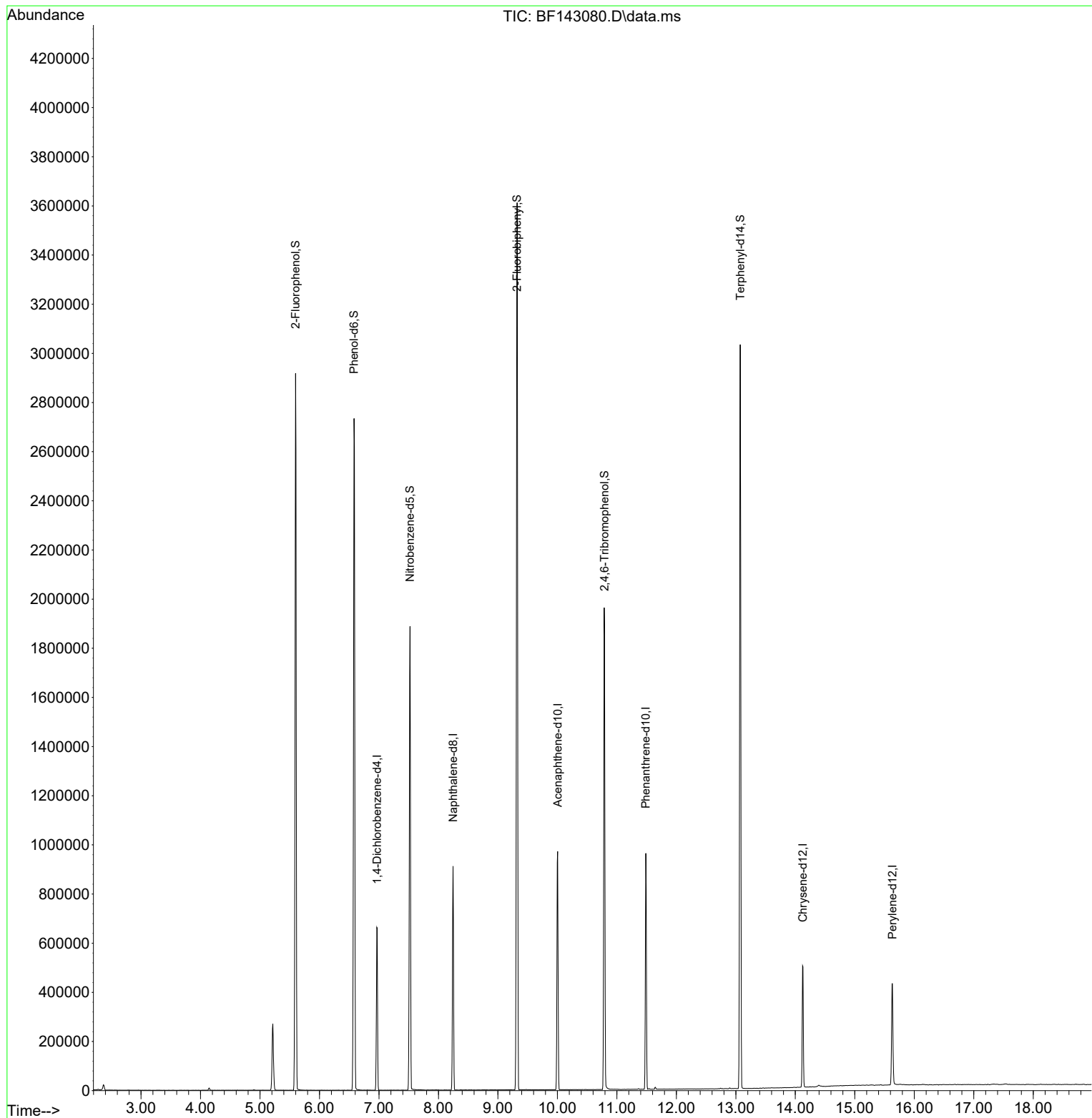
Target Compounds	Qvalue

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

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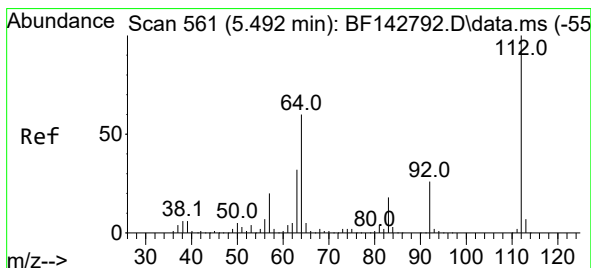
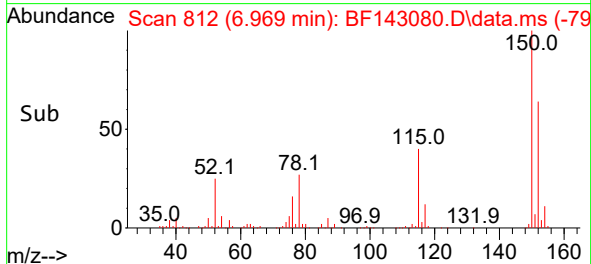
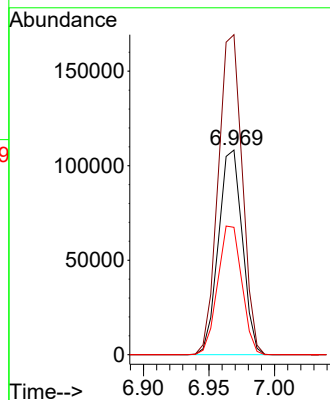
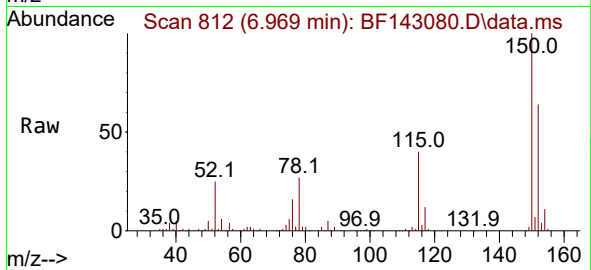




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143080.D
Acq: 11 Jul 2025 17:22

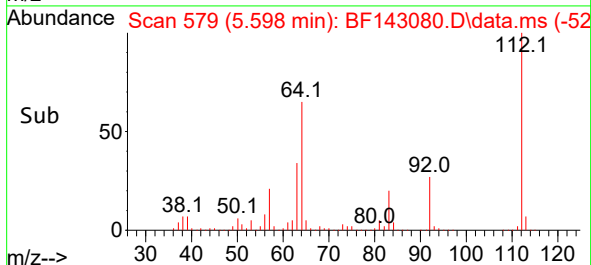
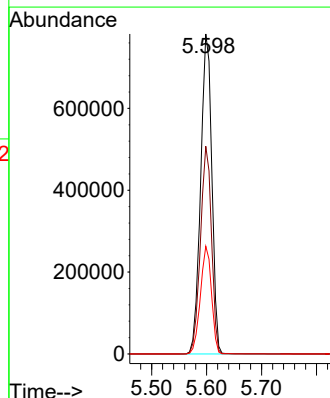
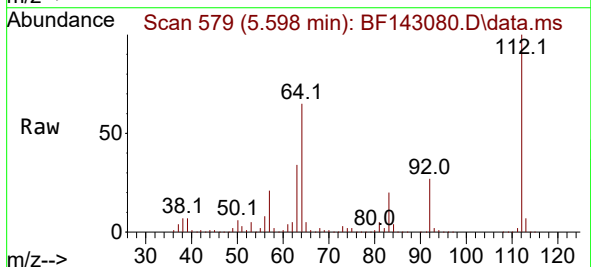
Instrument :
BNA_F
ClientSampleId :
PB168737BL

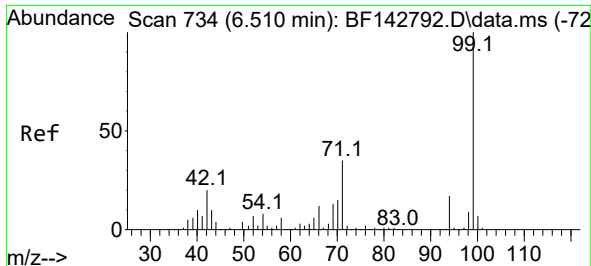
Tgt Ion:152 Resp: 137189
Ion Ratio Lower Upper
152 100
150 156.4 126.6 190.0
115 62.2 49.8 74.6



#5
2-Fluorophenol
Concen: 128.388 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143080.D
Acq: 11 Jul 2025 17:22

Tgt Ion:112 Resp: 1108700
Ion Ratio Lower Upper
112 100
64 64.9 52.2 78.4
63 33.6 26.8 40.2

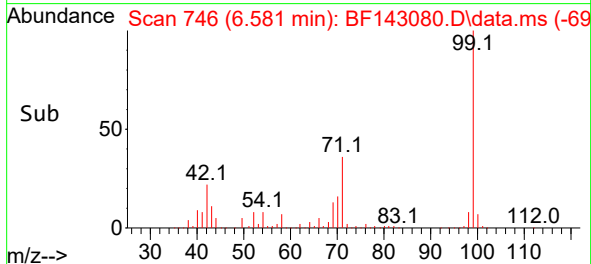
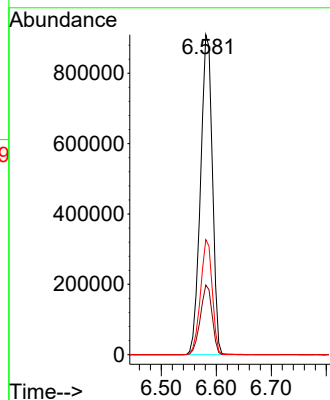
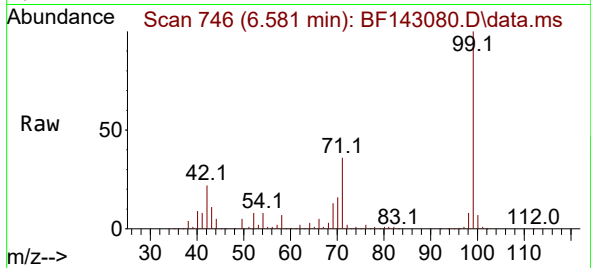




#7
Phenol-d6
Concen: 125.343 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143080.D
Acq: 11 Jul 2025 17:22

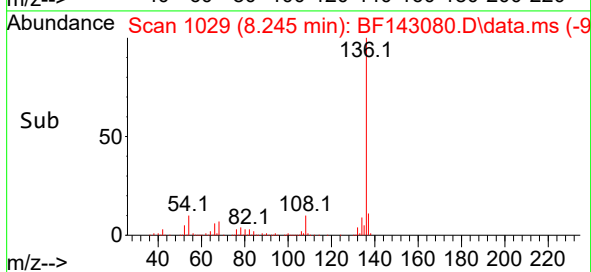
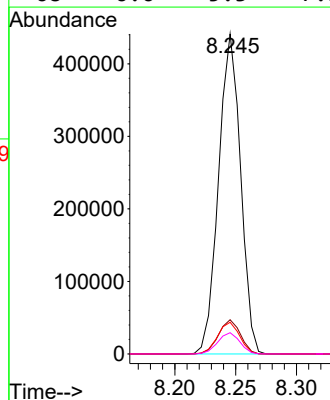
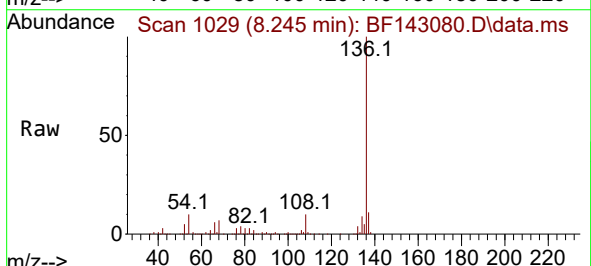
Instrument :
BNA_F
ClientSampleId :
PB168737BL

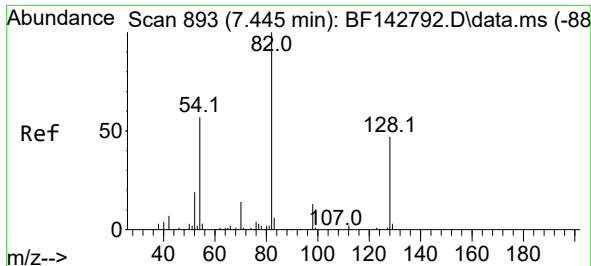
Tgt Ion: 99 Resp: 1369543
Ion Ratio Lower Upper
99 100
42 21.8 17.2 25.8
71 36.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143080.D
Acq: 11 Jul 2025 17:22

Tgt Ion:136 Resp: 555252
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.9 8.1 12.1
68 6.6 5.3 7.9





#23

Nitrobenzene-d5

Concen: 107.801 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143080.D

Acq: 11 Jul 2025 17:22

Instrument :

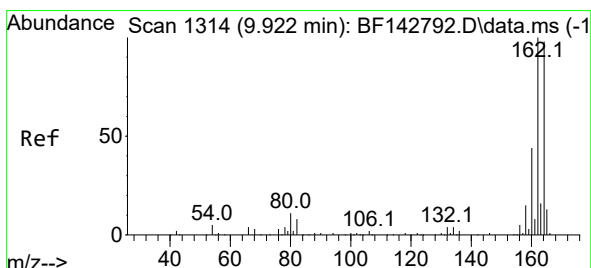
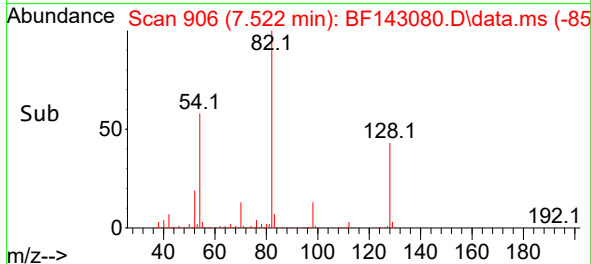
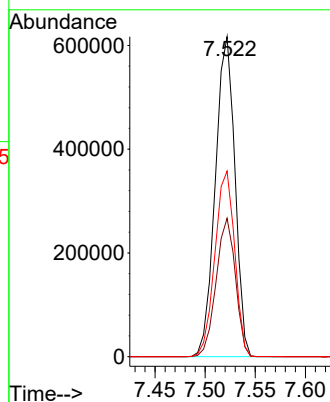
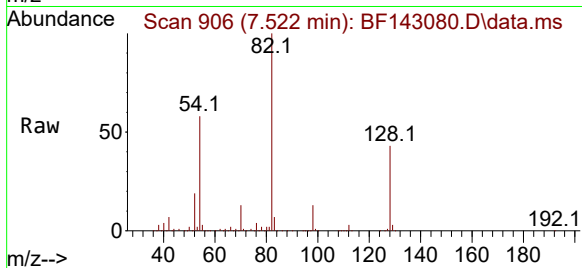
BNA_F

ClientSampleId :

PB168737BL

Tgt Ion: 82 Resp: 837630

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.3	49.9
54	58.0	47.0	70.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1328

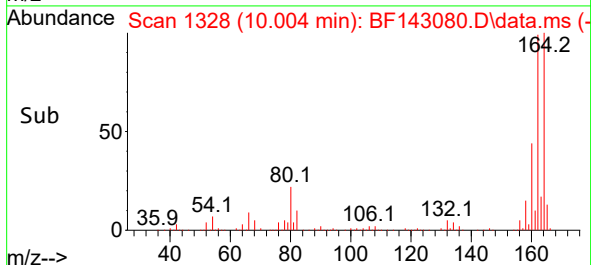
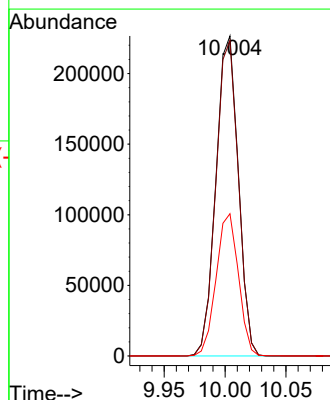
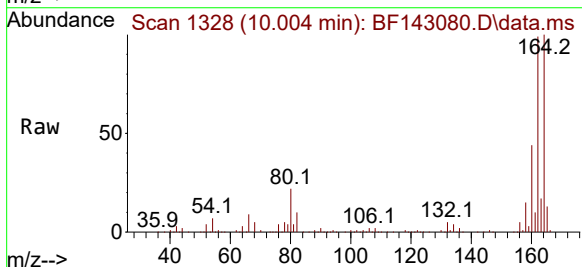
Delta R.T. 0.000 min

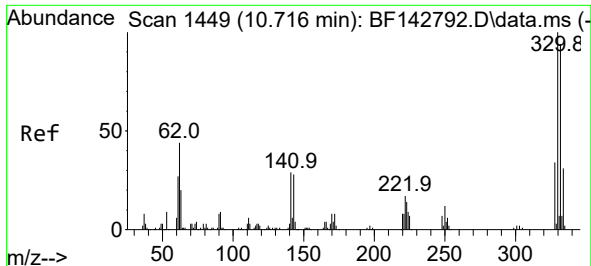
Lab File: BF143080.D

Acq: 11 Jul 2025 17:22

Tgt Ion: 164 Resp: 289849

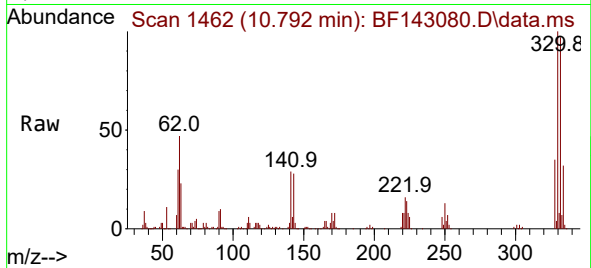
Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.3	118.9
160	44.4	35.1	52.7



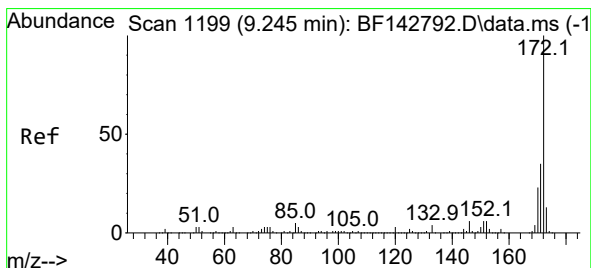
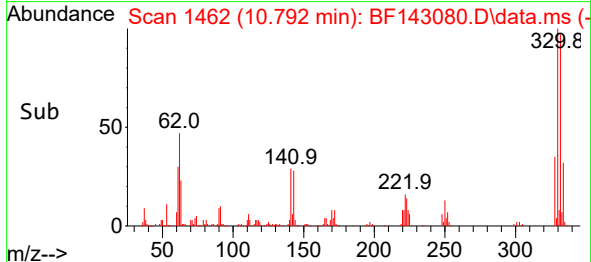
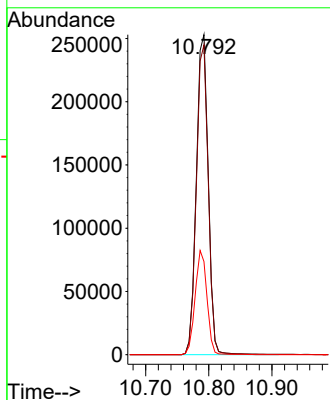


#42
2,4,6-Tribromophenol
Concen: 154.293 ng
RT: 10.792 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143080.D
Acq: 11 Jul 2025 17:22

Instrument :
BNA_F
ClientSampleId :
PB168737BL

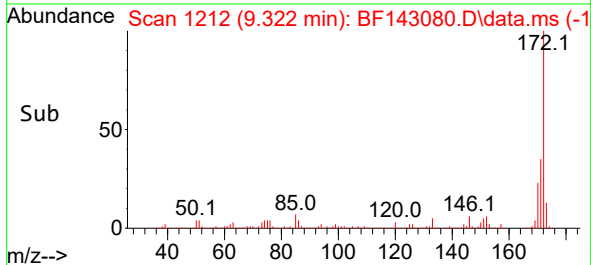
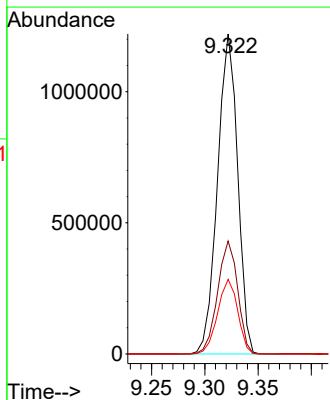
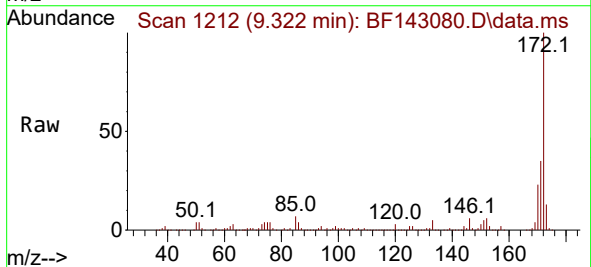


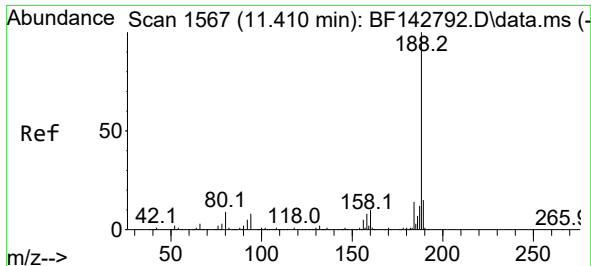
Tgt Ion:330 Resp: 331008
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 32.4 28.1 42.1



#45
2-Fluorobiphenyl
Concen: 86.728 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF143080.D
Acq: 11 Jul 2025 17:22

Tgt Ion:172 Resp: 1599336
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.6 28.0

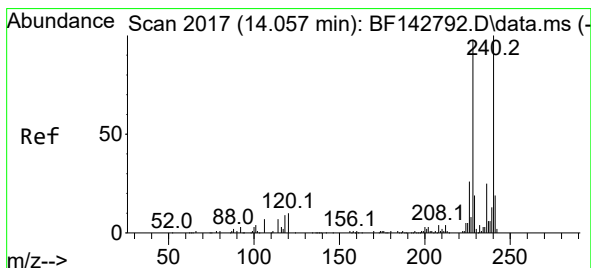
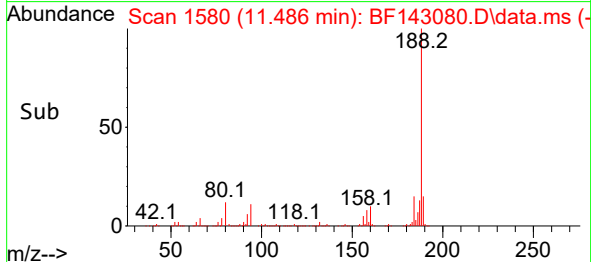
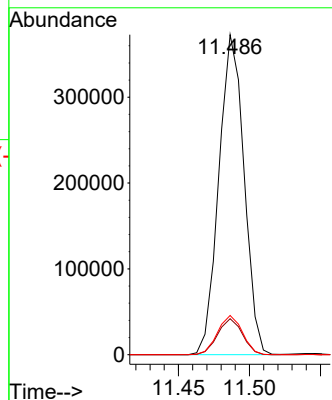
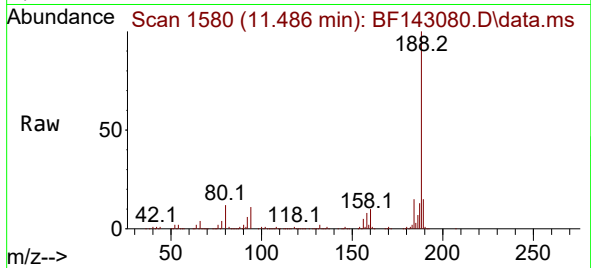




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143080.D
Acq: 11 Jul 2025 17:22

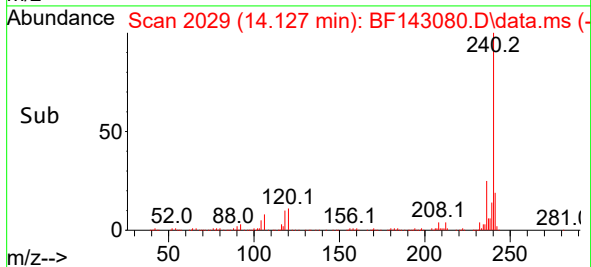
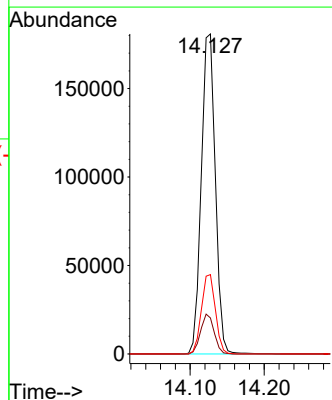
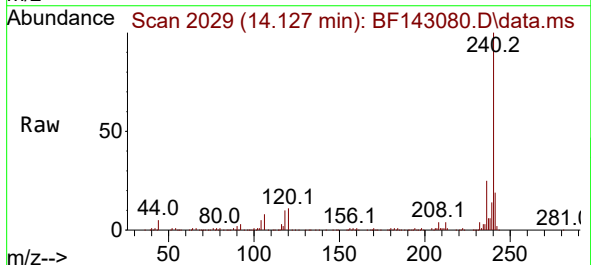
Instrument :
BNA_F
ClientSampleId :
PB168737BL

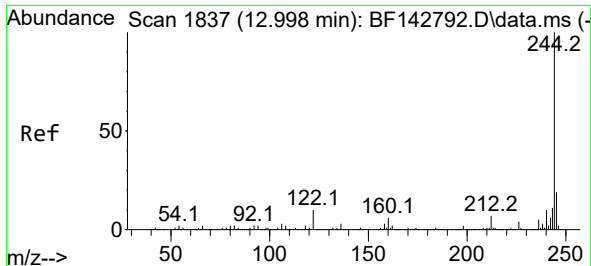
Tgt Ion:188 Resp: 460342
Ion Ratio Lower Upper
188 100
94 11.2 8.4 12.6
80 12.3 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143080.D
Acq: 11 Jul 2025 17:22

Tgt Ion:240 Resp: 237885
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 24.8 19.8 29.6

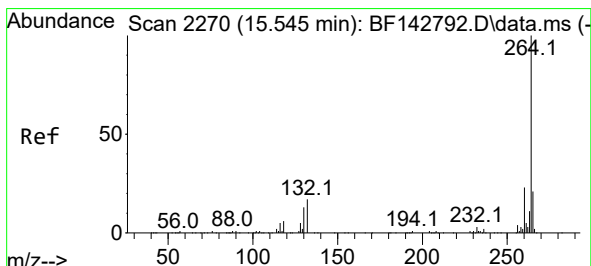
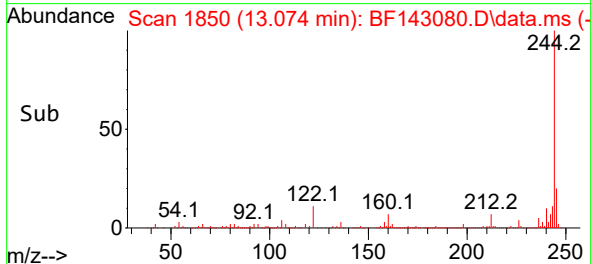
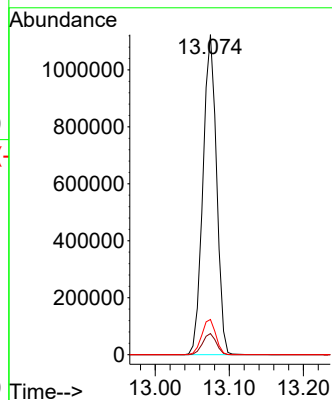
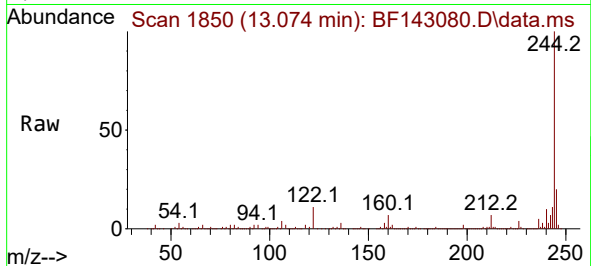




#79
 Terphenyl-d14
 Concen: 104.343 ng
 RT: 13.074 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143080.D
 Acq: 11 Jul 2025 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB168737BL

Tgt Ion:244 Resp: 1436762
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: BF143080.D
 Acq: 11 Jul 2025 17:22

Tgt Ion:264 Resp: 239416
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.1 17.0 25.6

