

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144241.D
 Acq On : 12 Nov 2025 21:19
 Operator : RC/JU
 Sample : Q3604-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Quant Time: Nov 13 10:44:02 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	6.869	152	38006	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	150573	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	83623	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	146516	20.000	ng	0.00
76) Chrysene-d12	14.045	240	78541	20.000	ng	0.00
86) Perylene-d12	15.527	264	60402	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	289159	119.059	ng	0.01
7) Phenol-d6	6.498	99	314233	114.187	ng	0.00
23) Nitrobenzene-d5	7.428	82	237011	90.910	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	140738	134.116	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	479421	84.674	ng	0.00
79) Terphenyl-d14	12.986	244	408379	82.590	ng	0.00

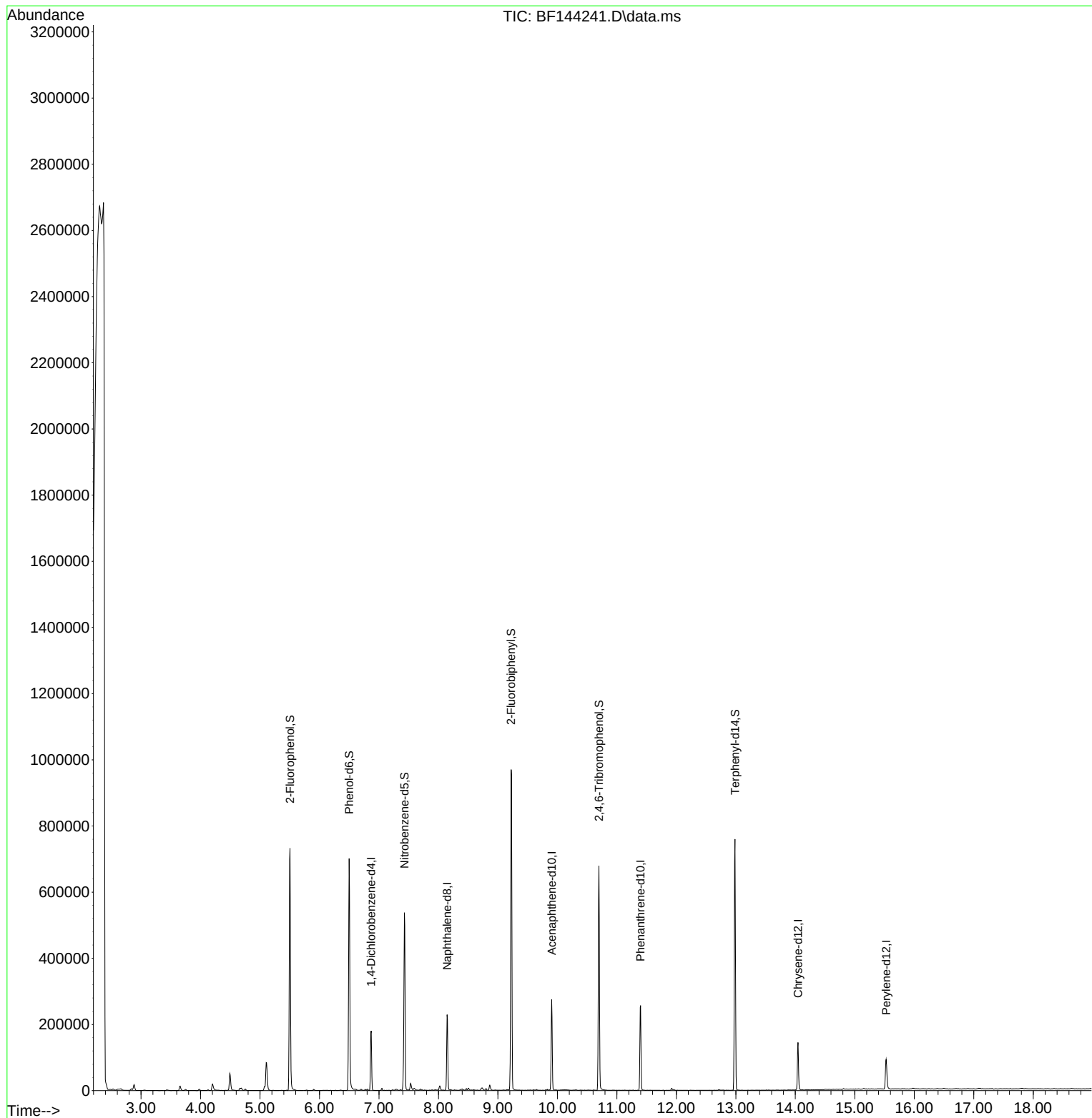
Target Compounds	Qvalue

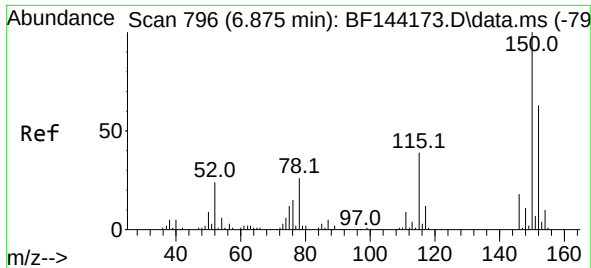
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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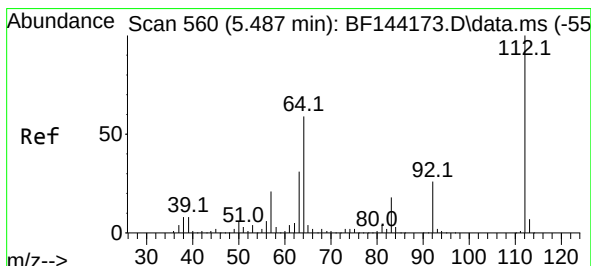
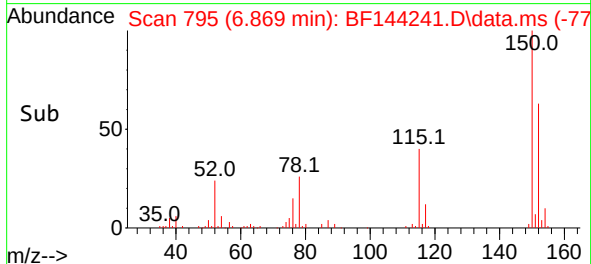
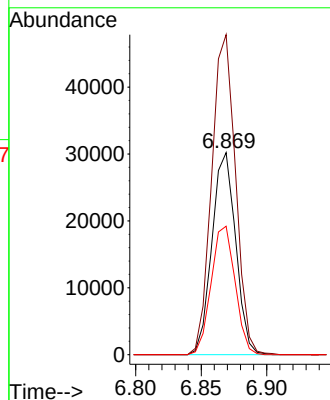
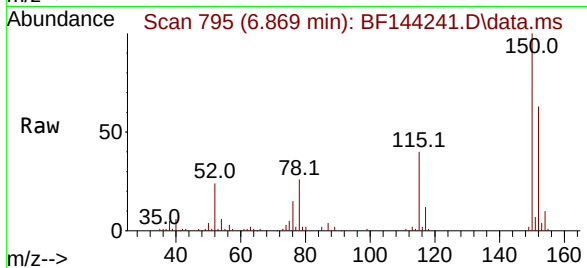




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144241.D
Acq: 12 Nov 2025 21:19

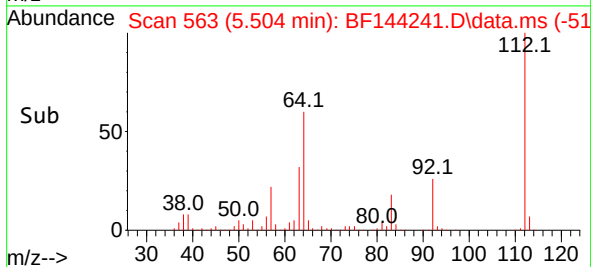
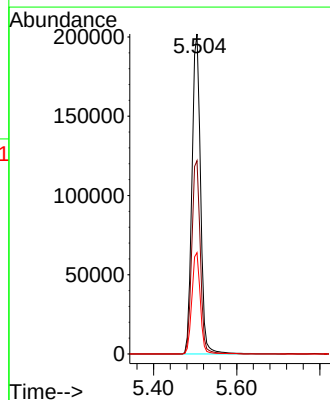
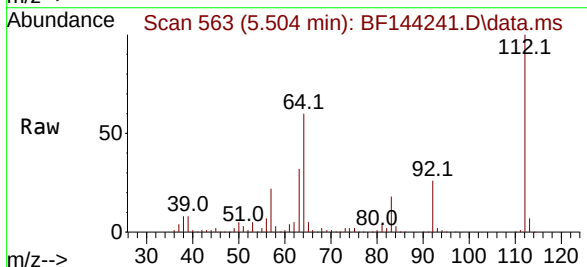
Instrument :
BNA_F
ClientSampleId :
S-2

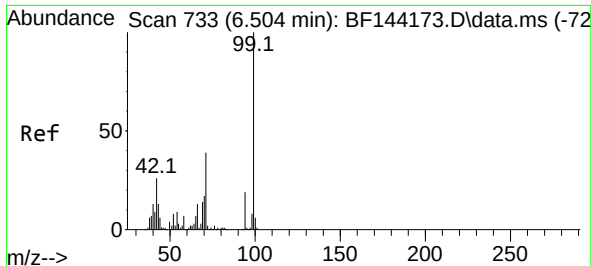
Tgt Ion:152 Resp: 38006
Ion Ratio Lower Upper
152 100
150 158.4 127.4 191.0
115 63.6 49.5 74.3



#5
2-Fluorophenol
Concen: 119.059 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144241.D
Acq: 12 Nov 2025 21:19

Tgt Ion:112 Resp: 289159
Ion Ratio Lower Upper
112 100
64 60.4 47.2 70.8
63 31.6 24.4 36.6

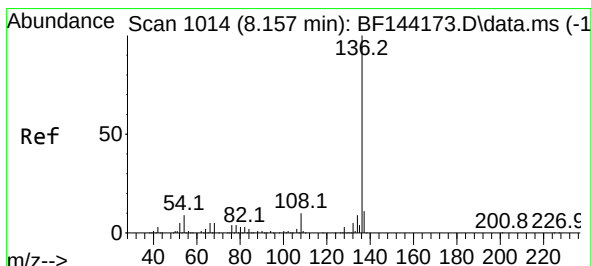
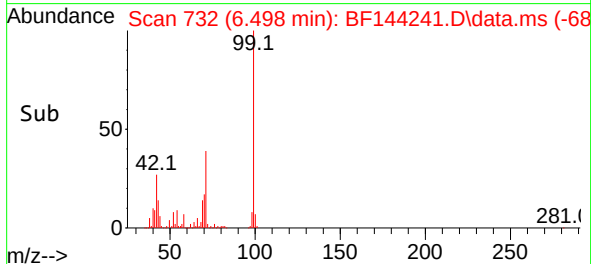
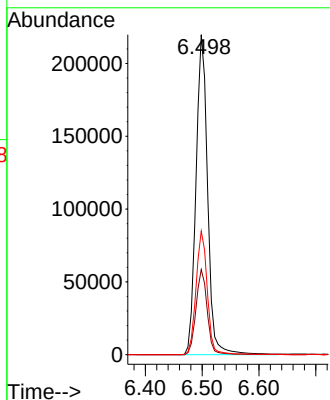
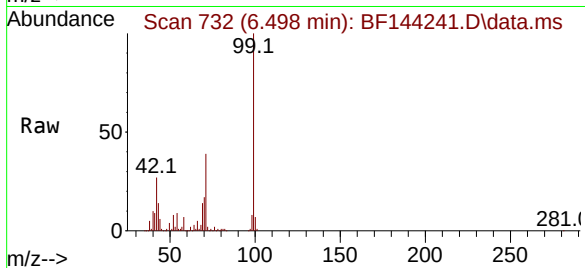




#7
Phenol-d6
Concen: 114.187 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144241.D
Acq: 12 Nov 2025 21:19

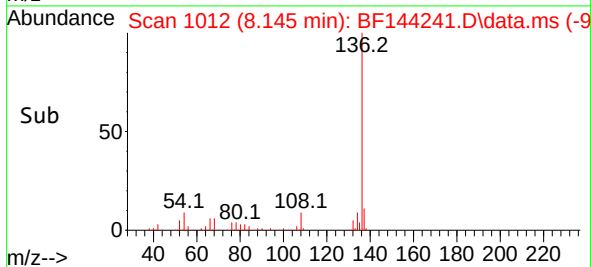
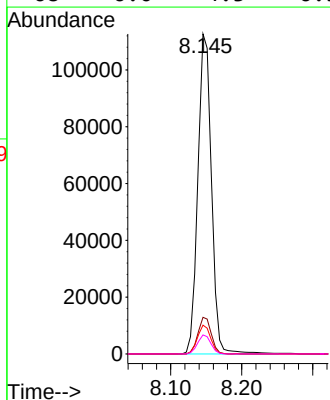
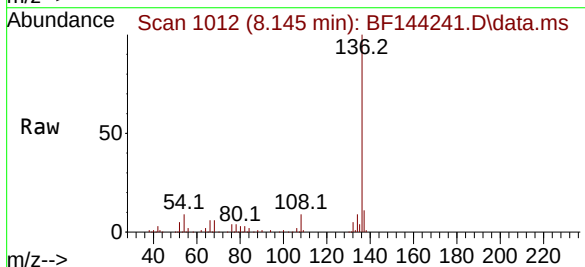
Instrument :
BNA_F
ClientSampleId :
S-2

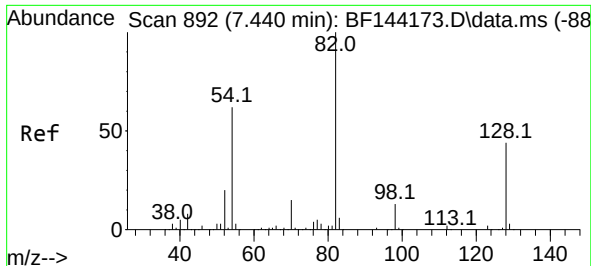
Tgt Ion: 99 Resp: 314233
Ion Ratio Lower Upper
99 100
42 26.6 20.9 31.3
71 38.6 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144241.D
Acq: 12 Nov 2025 21:19

Tgt Ion: 136 Resp: 150573
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.0 7.0 10.6
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 90.910 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144241.D

Acq: 12 Nov 2025 21:19

Instrument :

BNA_F

ClientSampleId :

S-2

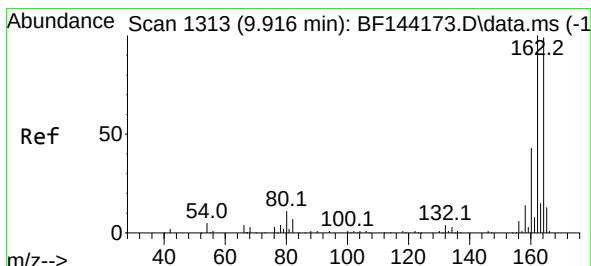
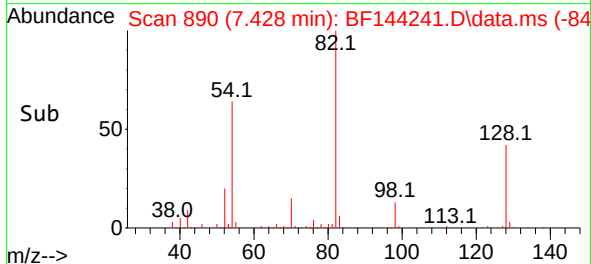
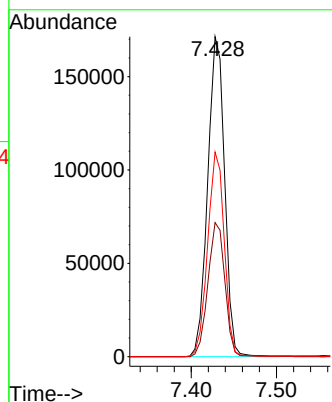
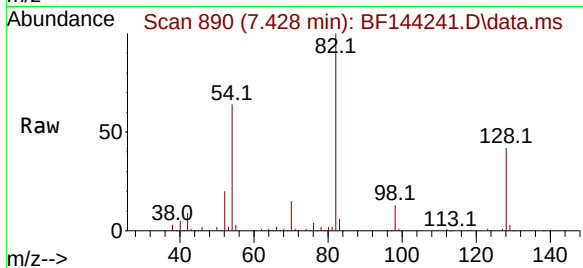
Tgt Ion: 82 Resp: 237011

Ion Ratio Lower Upper

82 100

128 41.9 34.7 52.1

54 63.9 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144241.D

Acq: 12 Nov 2025 21:19

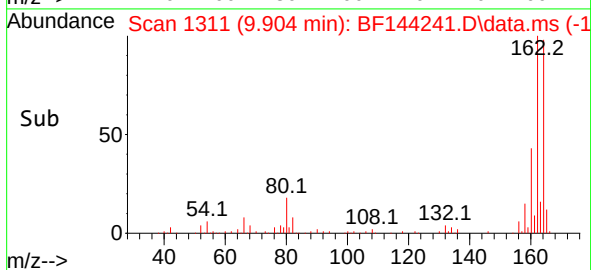
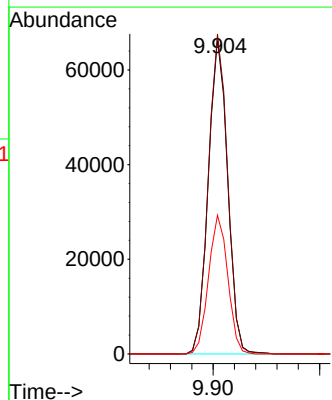
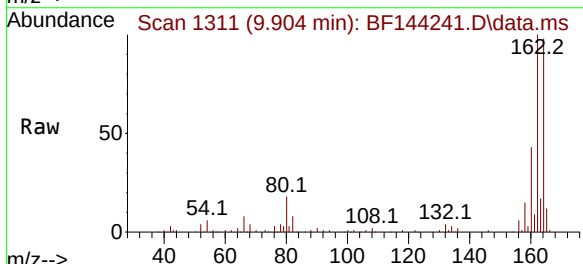
Tgt Ion:164 Resp: 83623

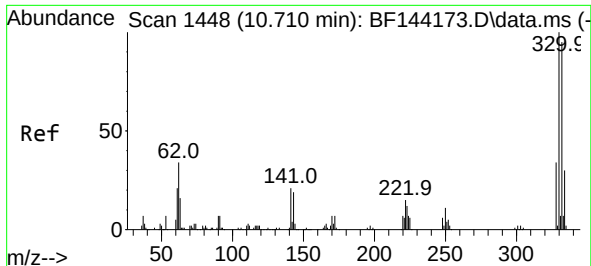
Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

160 44.0 34.5 51.7

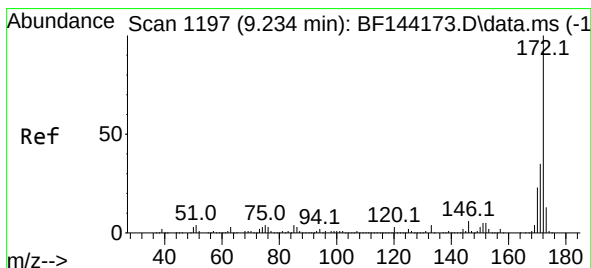
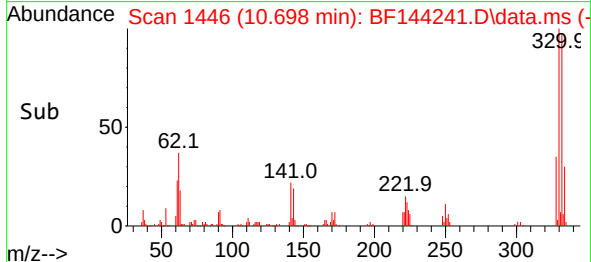
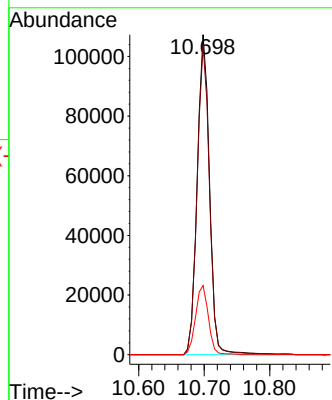
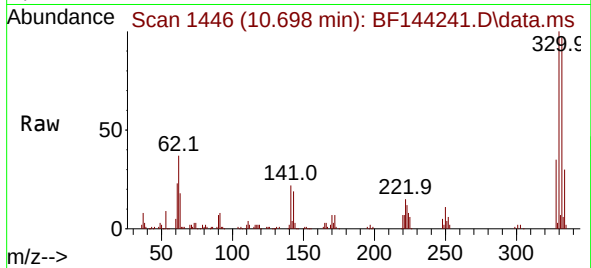




#42
2,4,6-Tribromophenol
Concen: 134.116 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144241.D
Acq: 12 Nov 2025 21:19

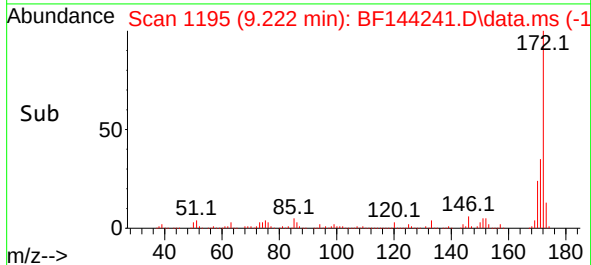
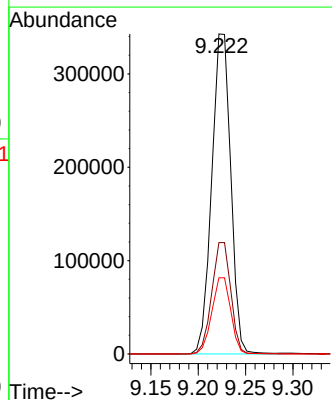
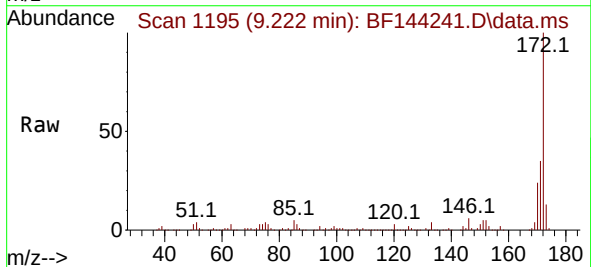
Instrument :
BNA_F
ClientSampleId :
S-2

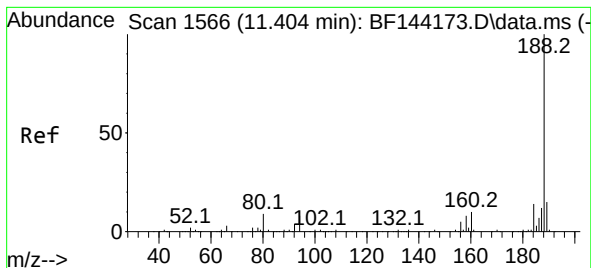
Tgt Ion:330 Resp: 140738
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 22.4 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 84.674 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144241.D
Acq: 12 Nov 2025 21:19

Tgt Ion:172 Resp: 479421
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144241.D

Acq: 12 Nov 2025 21:19

Instrument :

BNA_F

ClientSampleId :

S-2

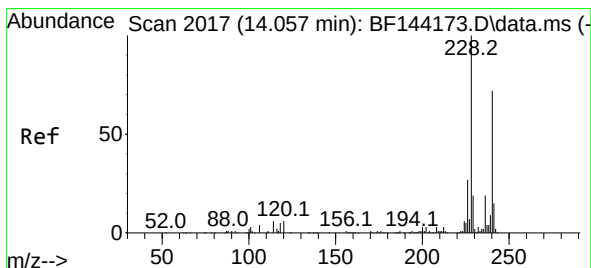
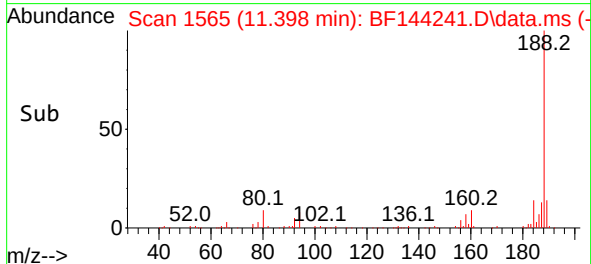
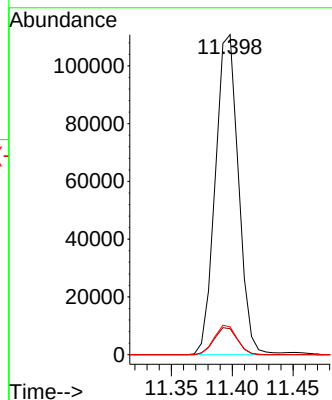
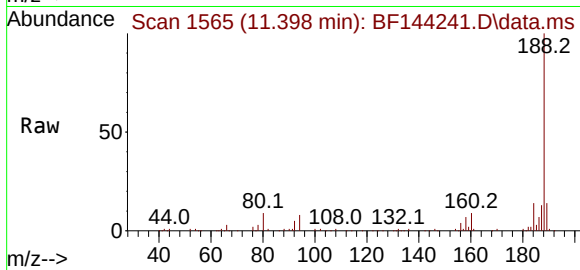
Tgt Ion:188 Resp: 146516

Ion Ratio Lower Upper

188 100

94 8.1 6.2 9.2

80 8.7 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: BF144241.D

Acq: 12 Nov 2025 21:19

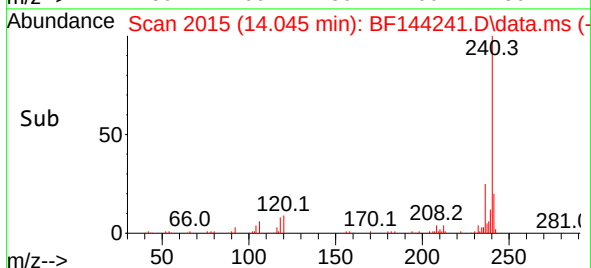
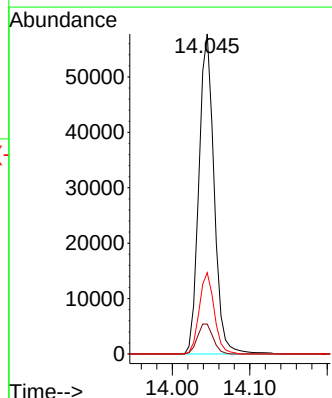
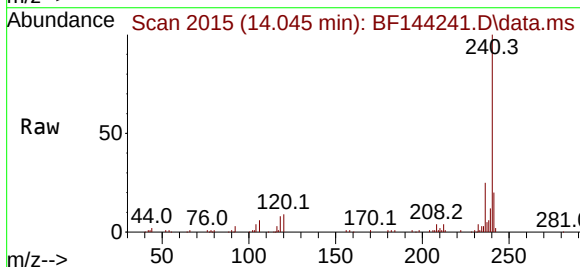
Tgt Ion:240 Resp: 78541

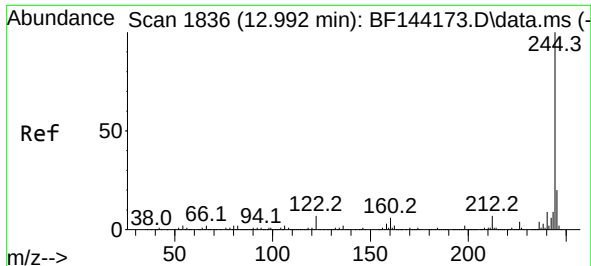
Ion Ratio Lower Upper

240 100

120 9.3 6.6 10.0

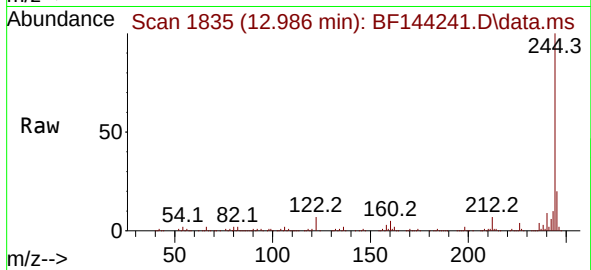
236 25.4 21.4 32.2



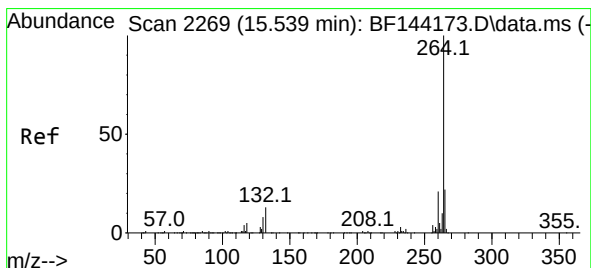
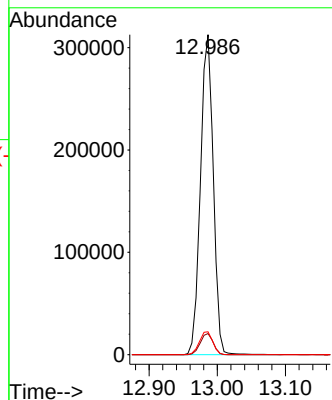
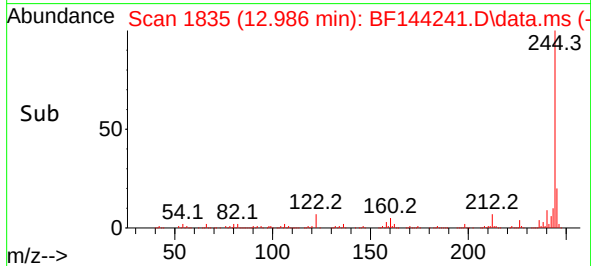


#79
 Terphenyl-d14
 Concen: 82.590 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144241.D
 Acq: 12 Nov 2025 21:19

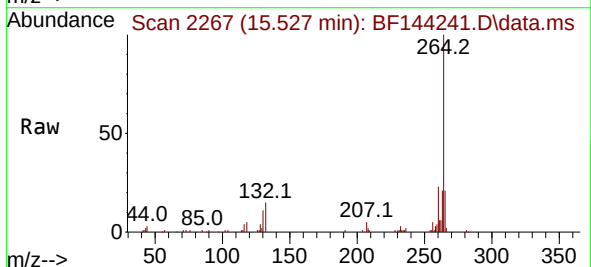
Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 408379
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 7.2 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF144241.D
 Acq: 12 Nov 2025 21:19



Tgt Ion:264 Resp: 60402
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.1 25.7
 265 21.1 17.4 26.0

