

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144215.D
 Acq On : 11 Nov 2025 21:28
 Operator : RC/JU
 Sample : Q3601-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 12 03:46:17 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	6.875	152	74889	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	301291	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	171881	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	327849	20.000	ng	0.00
76) Chrysene-d12	14.057	240	212648	20.000	ng	0.00
86) Perylene-d12	15.539	264	196682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	575795	120.318	ng	0.02
7) Phenol-d6	6.504	99	631986	116.549	ng	0.00
23) Nitrobenzene-d5	7.434	82	462618	88.680	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	333889	154.800	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	996851	85.657	ng	0.00
79) Terphenyl-d14	12.998	244	1264254	94.435	ng	0.00

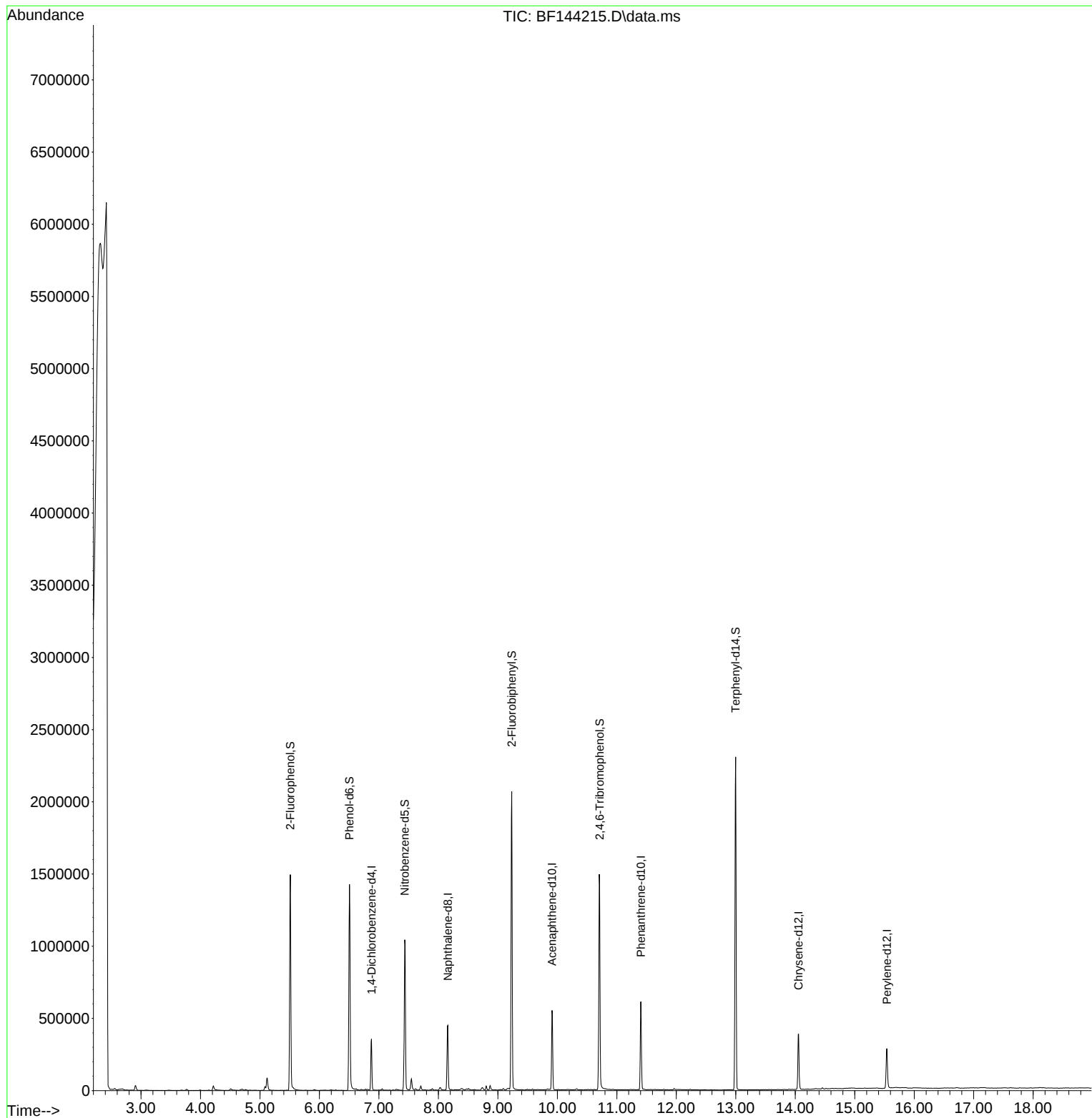
Target Compounds	Qvalue

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

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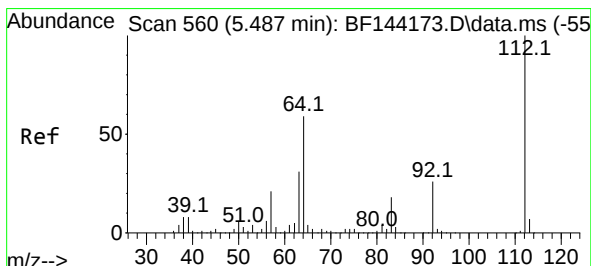
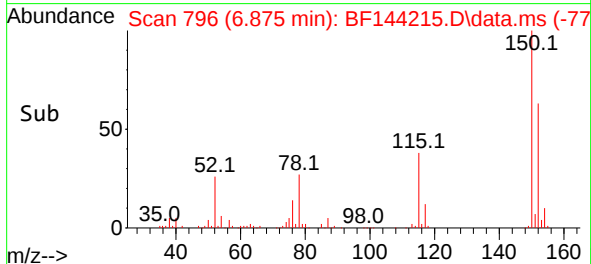
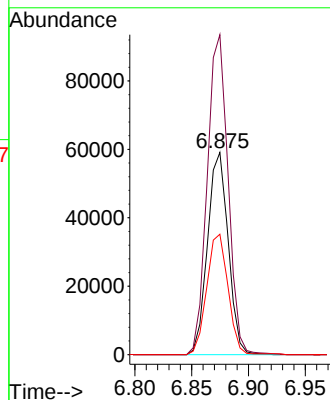
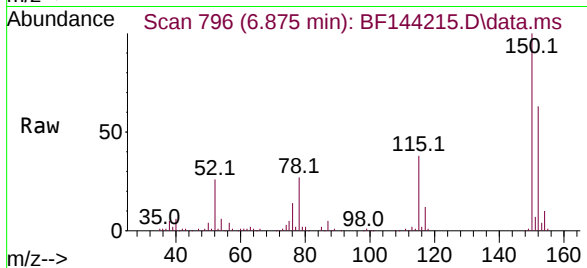




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BF144215.D
 Acq: 11 Nov 2025 21:28

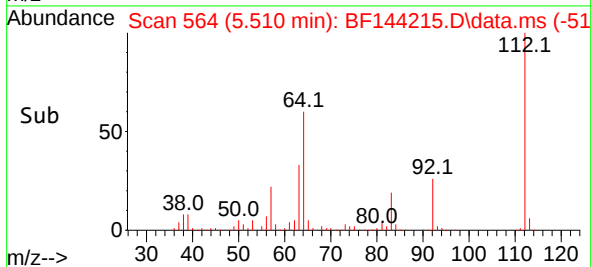
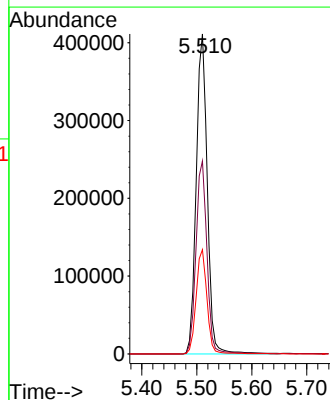
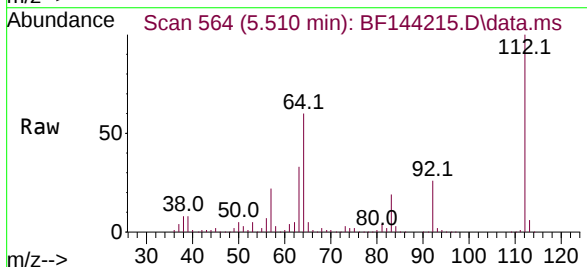
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

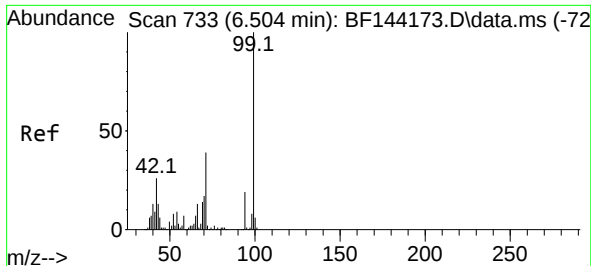
Tgt Ion:152 Resp: 74889
 Ion Ratio Lower Upper
 152 100
 150 158.3 127.4 191.0
 115 59.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 120.318 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.018 min
 Lab File: BF144215.D
 Acq: 11 Nov 2025 21:28

Tgt Ion:112 Resp: 575795
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.2 70.8
 63 32.6 24.4 36.6

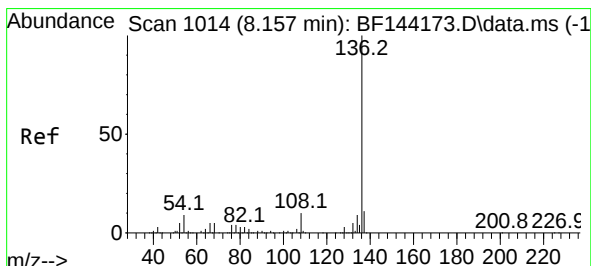
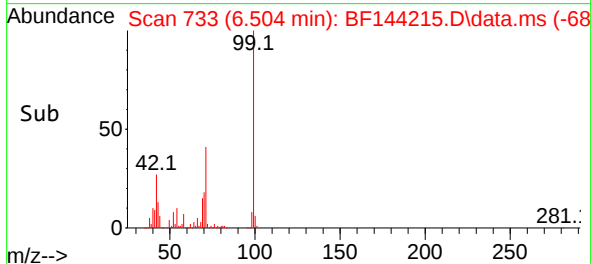
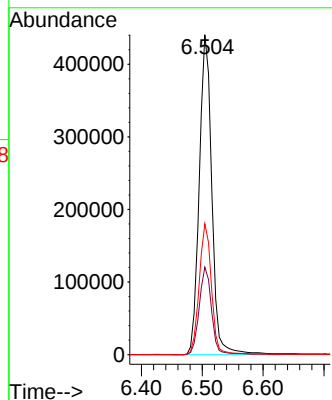
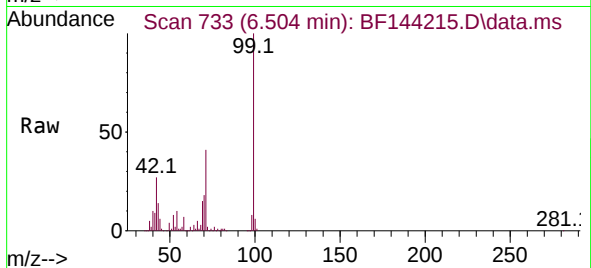




#7
Phenol-d6
Concen: 116.549 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144215.D
Acq: 11 Nov 2025 21:28

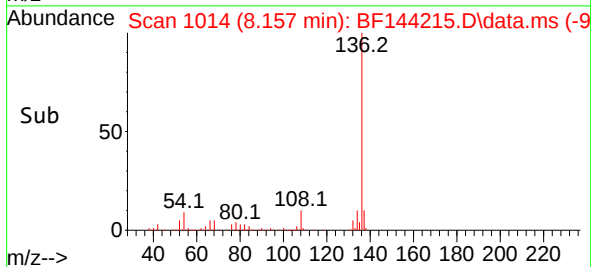
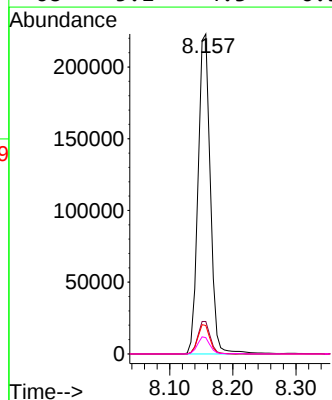
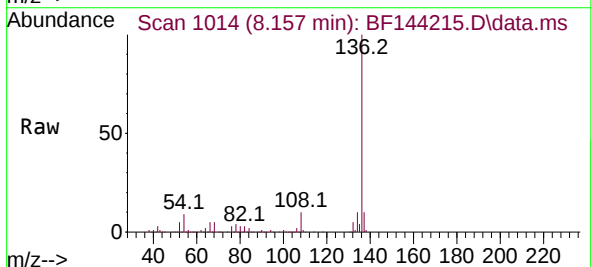
Instrument :
BNA_F
ClientSampleId :
TP-1

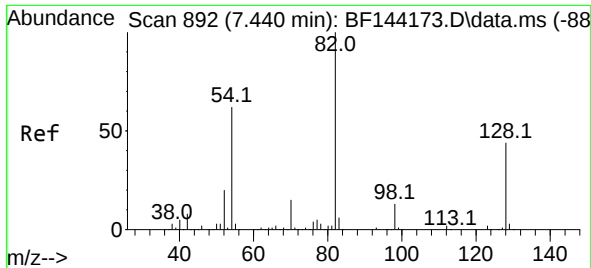
Tgt Ion:	99	Resp:	631986
Ion	Ratio	Lower	Upper
99	100		
42	27.3	20.9	31.3
71	40.9	31.4	47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144215.D
Acq: 11 Nov 2025 21:28

Tgt Ion:	136	Resp:	301291
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	13.0
54	8.9	7.0	10.6
68	5.1	4.3	6.5





#23

Nitrobenzene-d5

Concen: 88.680 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144215.D

Acq: 11 Nov 2025 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1

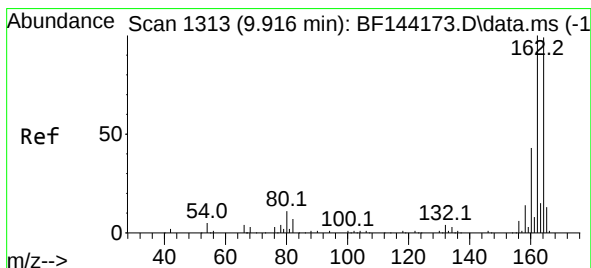
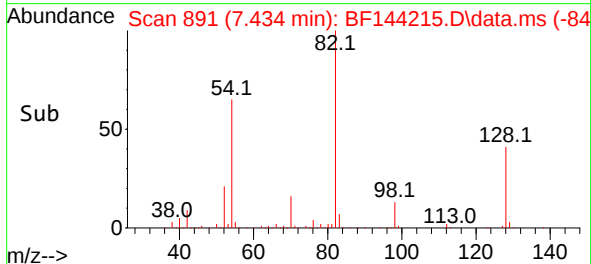
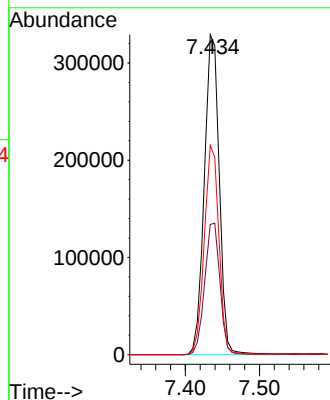
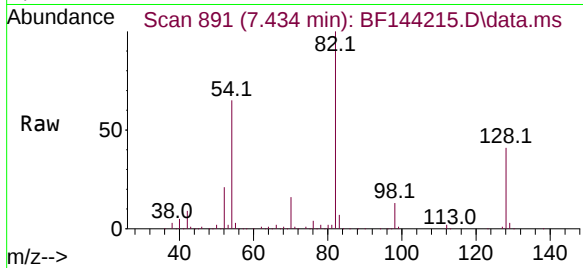
Tgt Ion: 82 Resp: 462618

Ion Ratio Lower Upper

82 100

128 40.7 34.7 52.1

54 65.4 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF144215.D

Acq: 11 Nov 2025 21:28

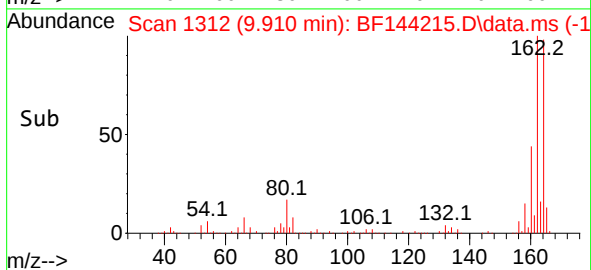
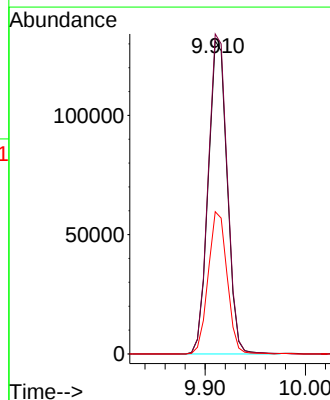
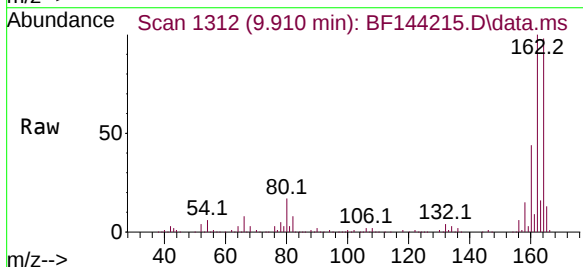
Tgt Ion:164 Resp: 171881

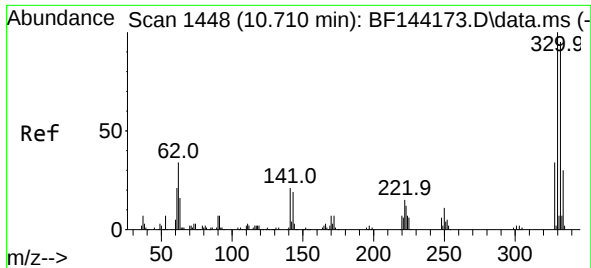
Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

160 45.5 34.5 51.7

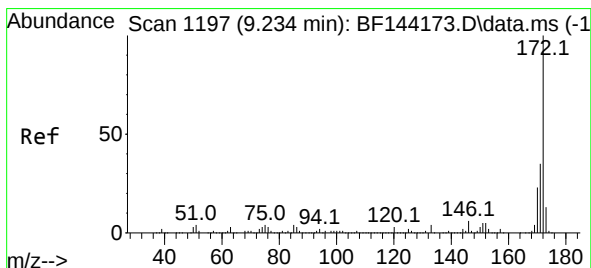
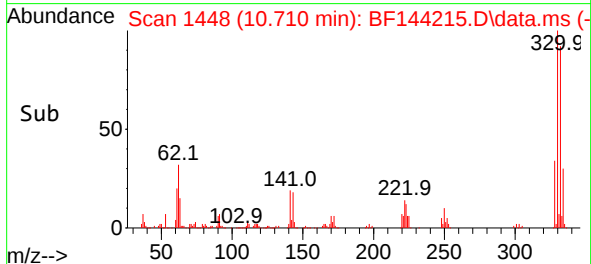
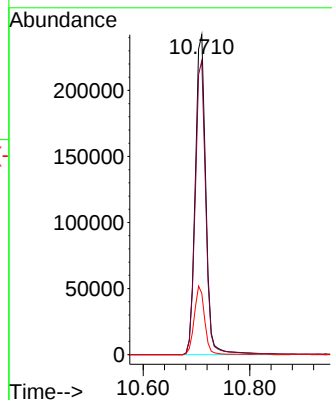
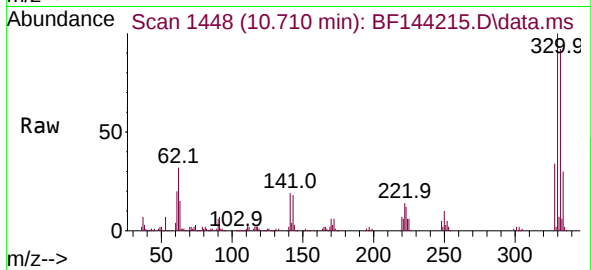




#42
2,4,6-Tribromophenol
Concen: 154.800 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144215.D
Acq: 11 Nov 2025 21:28

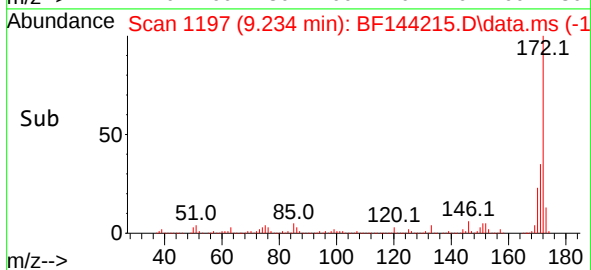
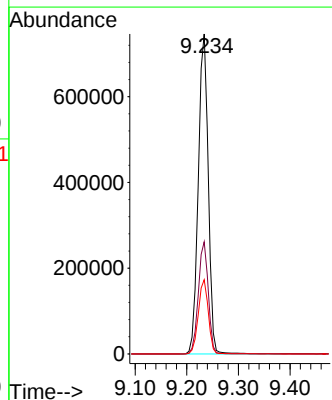
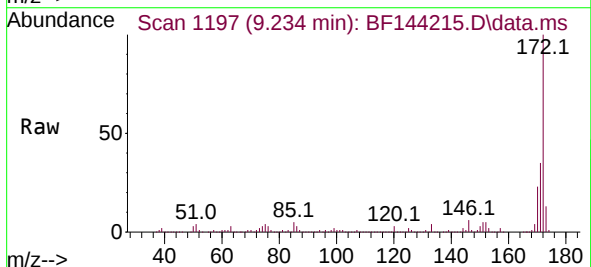
Instrument :
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ClientSampleId :
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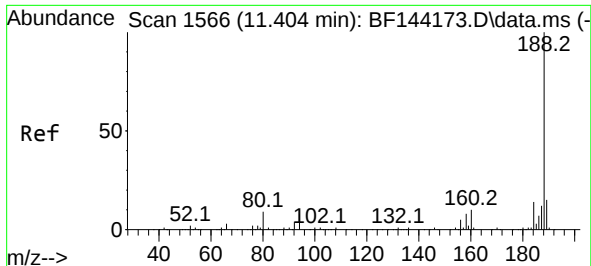
Tgt Ion:330 Resp: 333889
Ion Ratio Lower Upper
330 100
332 91.7 76.7 115.1
141 21.1 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 85.657 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144215.D
Acq: 11 Nov 2025 21:28

Tgt Ion:172 Resp: 996851
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.2 18.6 28.0

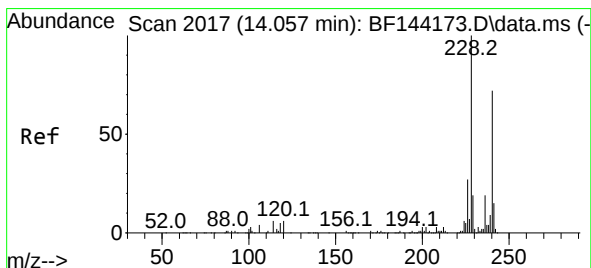
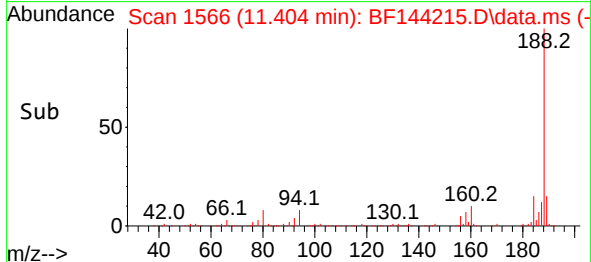
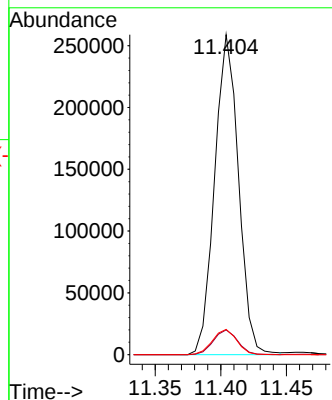
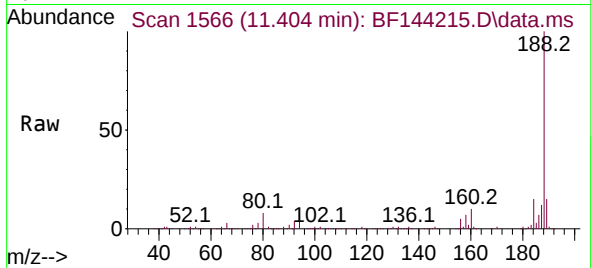




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144215.D
Acq: 11 Nov 2025 21:28

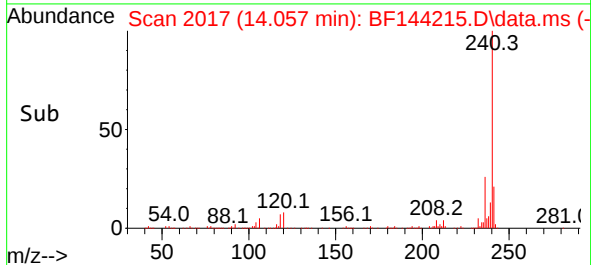
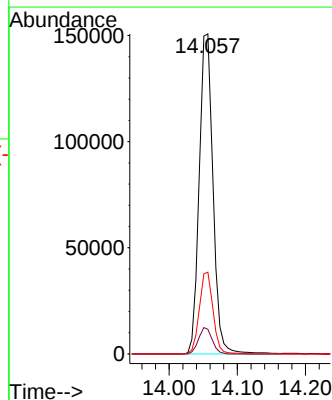
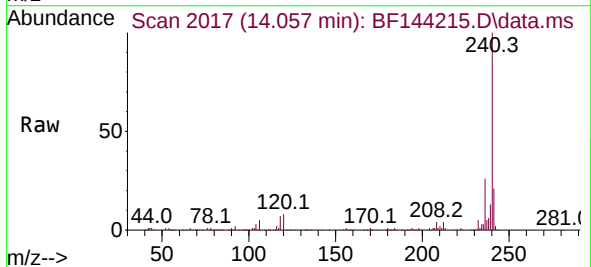
Instrument :
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TP-1

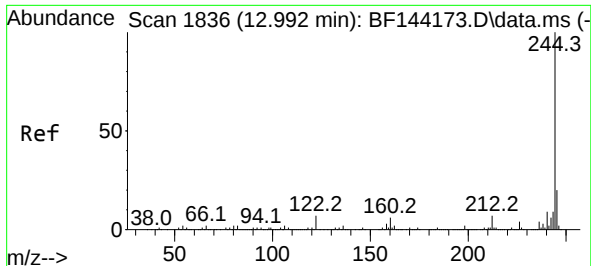
Tgt Ion:188 Resp: 327849
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BF144215.D
Acq: 11 Nov 2025 21:28

Tgt Ion:240 Resp: 212648
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 25.5 21.4 32.2

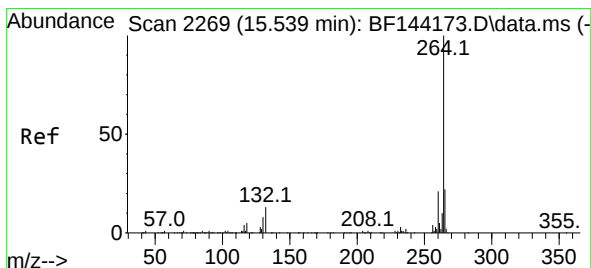
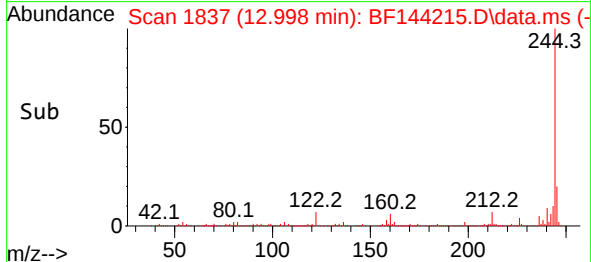
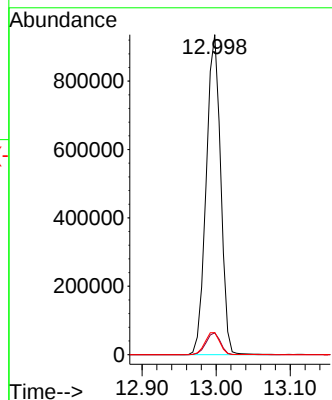
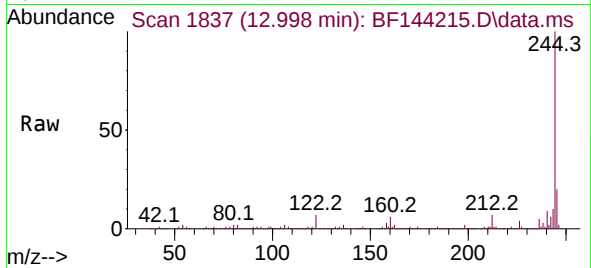




#79
 Terphenyl-d14
 Concen: 94.435 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF144215.D
 Acq: 11 Nov 2025 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1264254
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 6.9 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF144215.D
 Acq: 11 Nov 2025 21:28

Tgt Ion:264 Resp: 196682
 Ion Ratio Lower Upper
 264 100
 260 20.2 17.1 25.7
 265 20.4 17.4 26.0

