

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144408.D
 Acq On : 02 Dec 2025 17:49
 Operator : RC/JU
 Sample : Q3742-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-1

Quant Time: Dec 02 23:47:21 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)

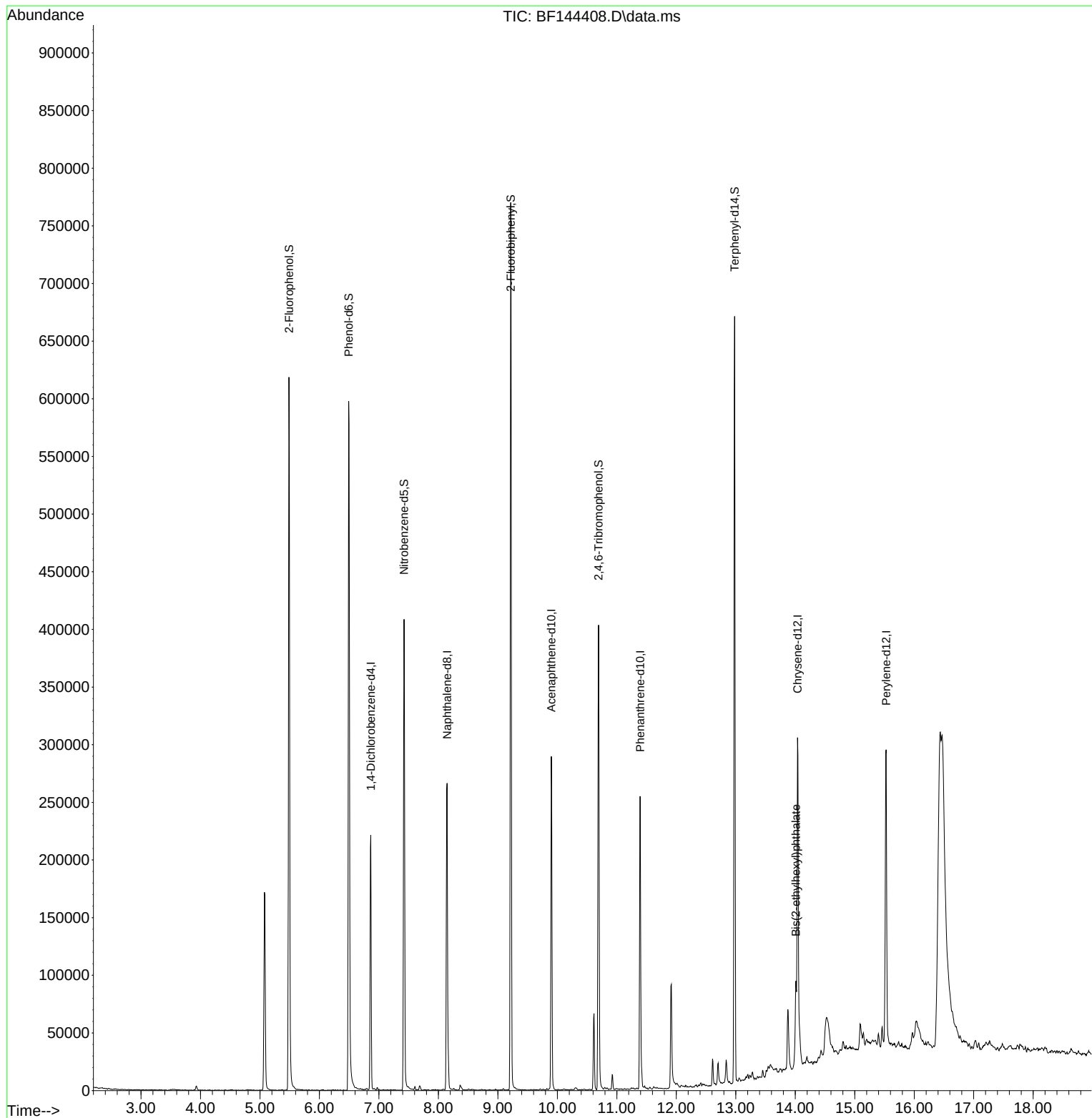
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	49831	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	179096	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	91297	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	140874	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	132275	20.000	ng	-0.01
86) Perylene-d12	15.527	264	168845	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	256682	80.607	ng	0.00
7) Phenol-d6	6.492	99	287166	79.589	ng	0.00
23) Nitrobenzene-d5	7.422	82	175411	56.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	80669	70.412	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	367753	59.492	ng	-0.01
79) Terphenyl-d14	12.980	244	356149	42.768	ng	-0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.010	149	30990	6.124	ng	Qvalue 97

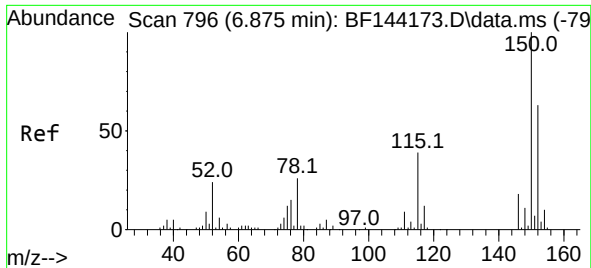
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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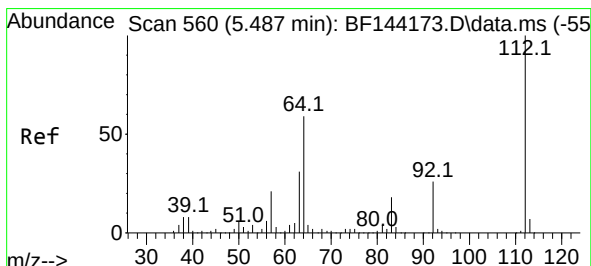
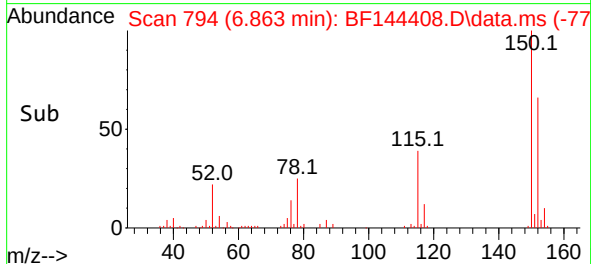
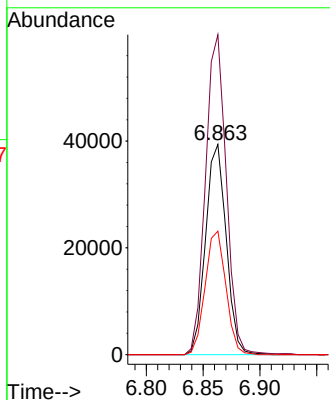
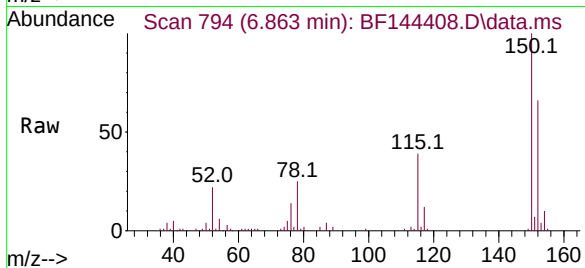




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144408.D
 Acq: 02 Dec 2025 17:49

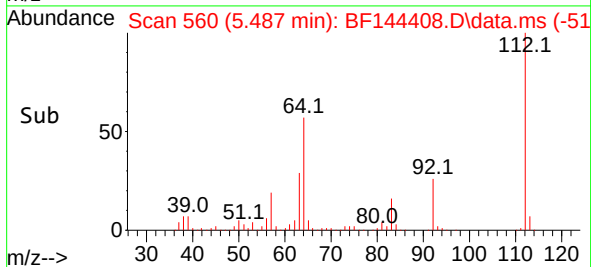
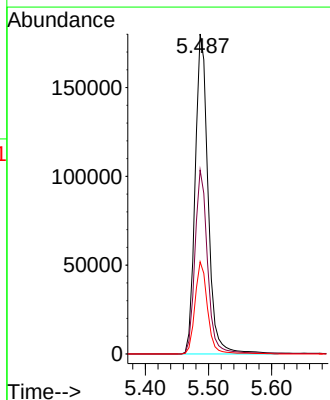
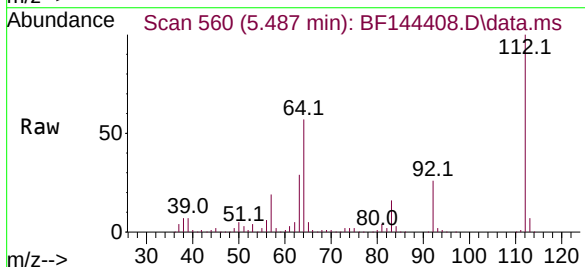
Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-1

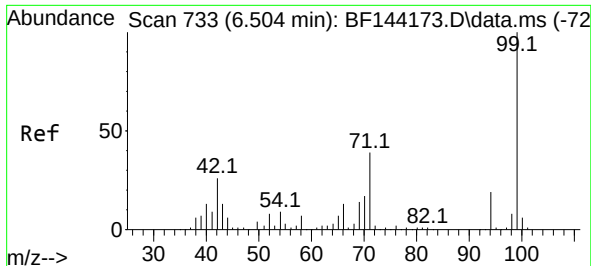
Tgt Ion:152 Resp: 49831
 Ion Ratio Lower Upper
 152 100
 150 152.3 127.4 191.0
 115 58.8 49.5 74.3



#5
 2-Fluorophenol
 Concen: 80.607 ng
 RT: 5.487 min Scan# 560
 Delta R.T. -0.006 min
 Lab File: BF144408.D
 Acq: 02 Dec 2025 17:49

Tgt Ion:112 Resp: 256682
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.2 70.8
 63 28.8 24.4 36.6





#7

Phenol-d6

Concen: 79.589 ng

RT: 6.492 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144408.D

Acq: 02 Dec 2025 17:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-1

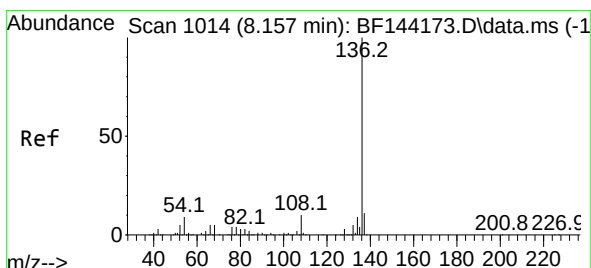
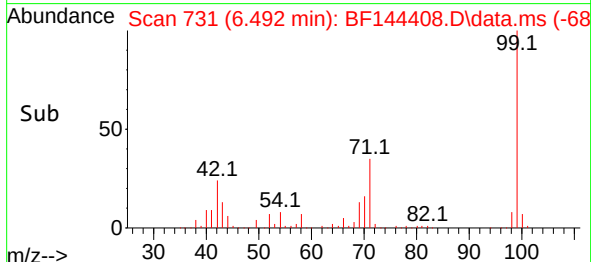
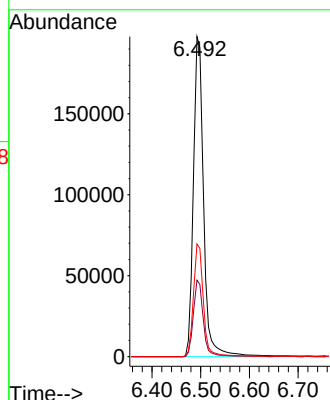
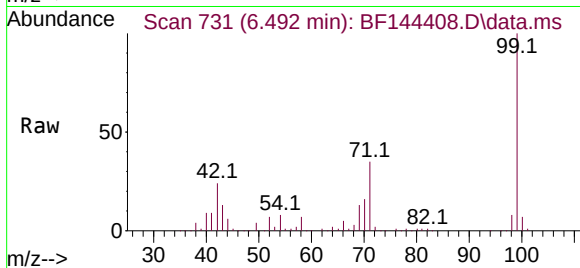
Tgt Ion: 99 Resp: 287166

Ion Ratio Lower Upper

99 100

42 23.9 20.9 31.3

71 35.2 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: BF144408.D

Acq: 02 Dec 2025 17:49

Tgt Ion:136 Resp: 179096

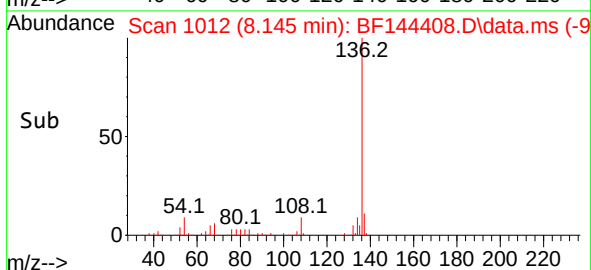
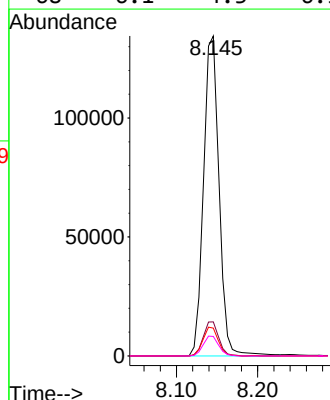
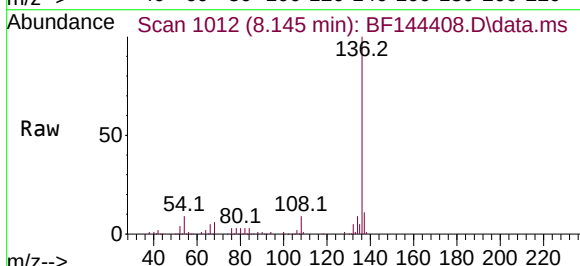
Ion Ratio Lower Upper

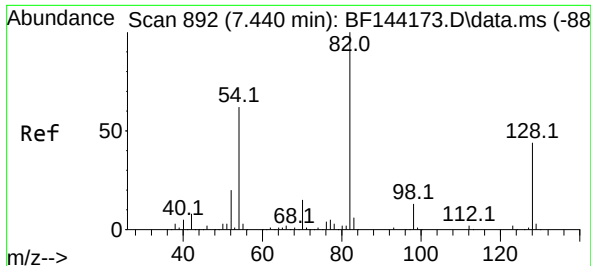
136 100

137 10.6 8.6 13.0

54 8.7 7.0 10.6

68 6.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 56.567 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144408.D

Acq: 02 Dec 2025 17:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-1

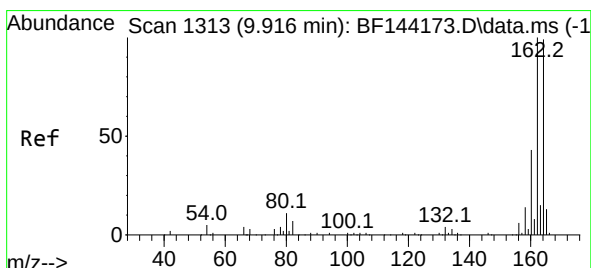
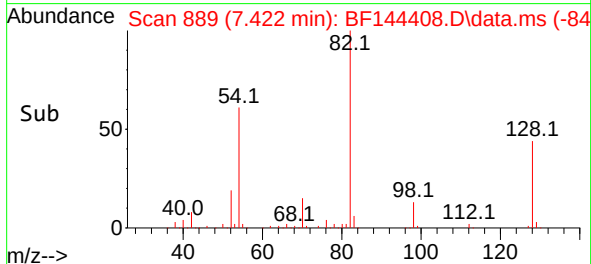
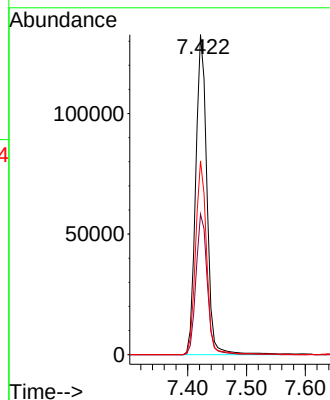
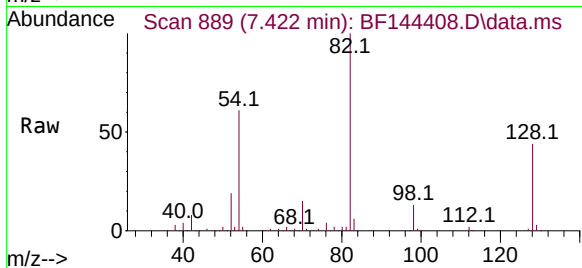
Tgt Ion: 82 Resp: 175411

Ion Ratio Lower Upper

82 100

128 43.9 34.7 52.1

54 60.5 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: BF144408.D

Acq: 02 Dec 2025 17:49

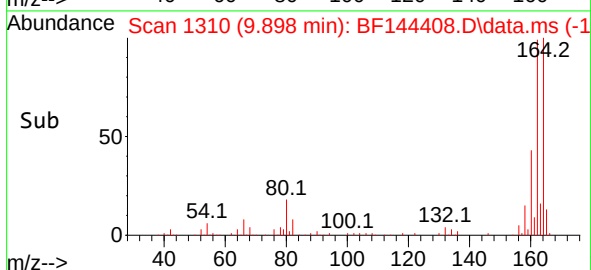
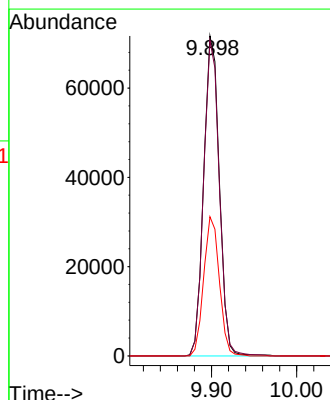
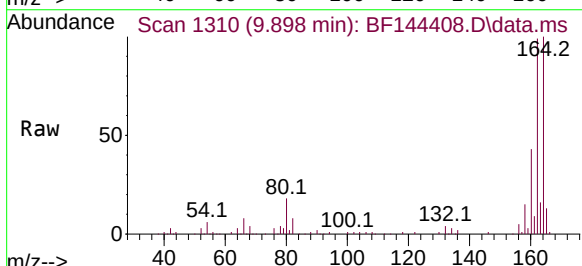
Tgt Ion:164 Resp: 91297

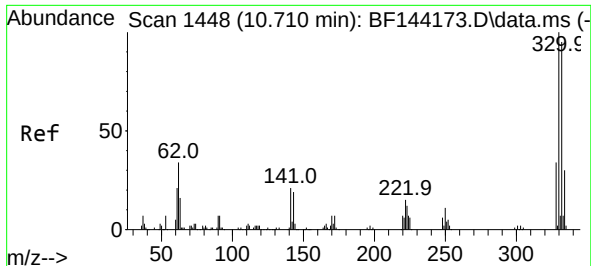
Ion Ratio Lower Upper

164 100

162 98.5 81.1 121.7

160 43.5 34.5 51.7

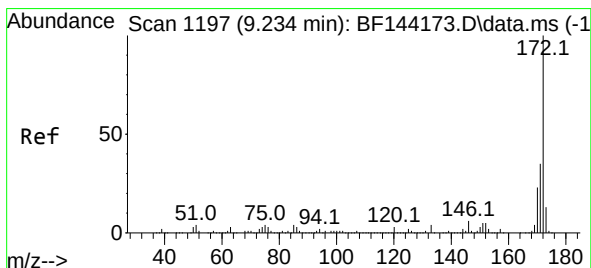
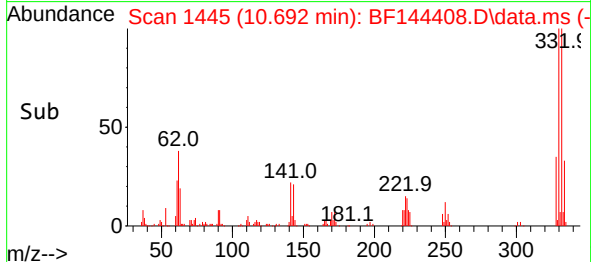
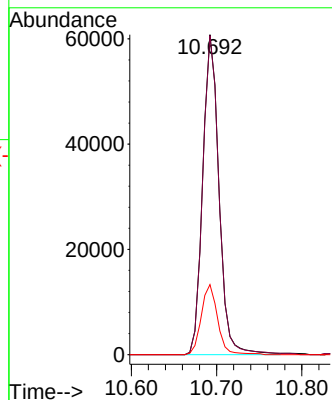
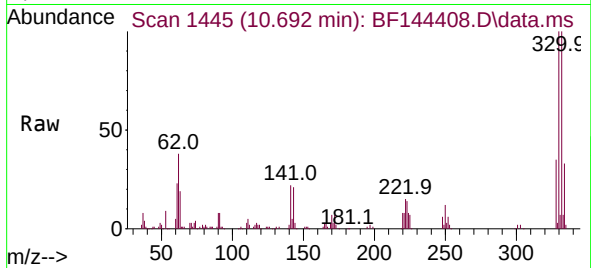




#42
 2,4,6-Tribromophenol
 Concen: 70.412 ng
 RT: 10.692 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF144408.D
 Acq: 02 Dec 2025 17:49

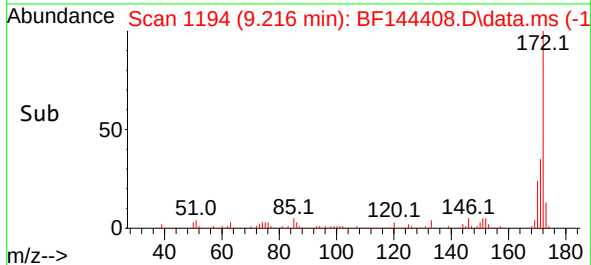
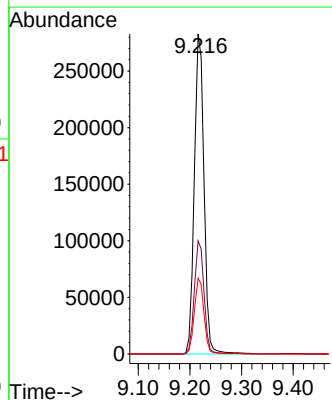
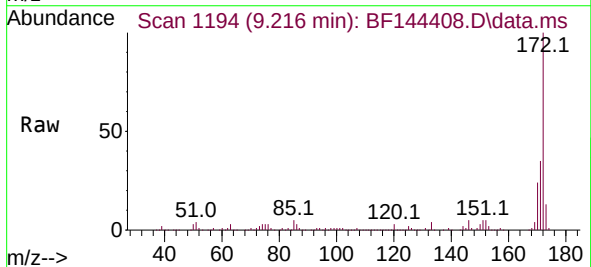
Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-1

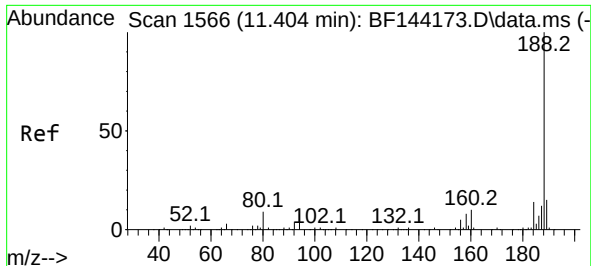
Tgt Ion: 330 Resp: 80669
 Ion Ratio Lower Upper
 330 100
 332 99.9 76.7 115.1
 141 21.9 17.8 26.8



#45
 2-Fluorobiphenyl
 Concen: 59.492 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. -0.012 min
 Lab File: BF144408.D
 Acq: 02 Dec 2025 17:49

Tgt Ion: 172 Resp: 367753
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.1 42.1
 170 23.6 18.6 28.0

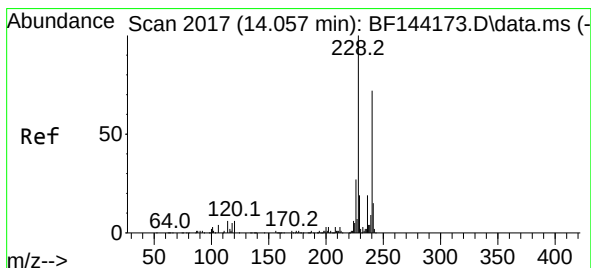
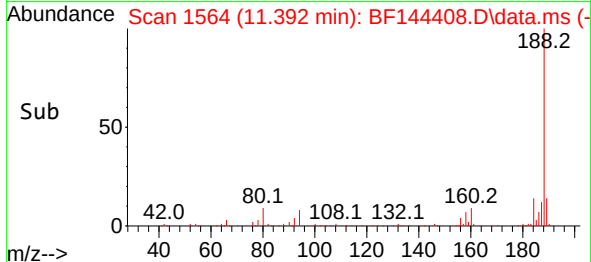
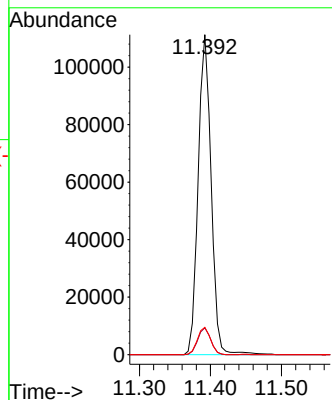
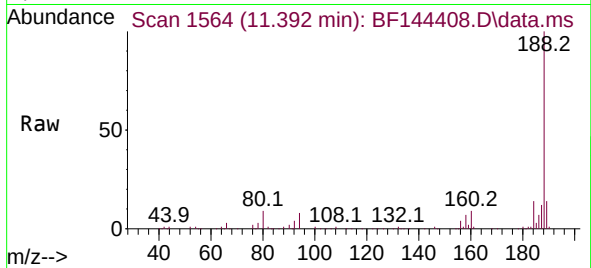




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

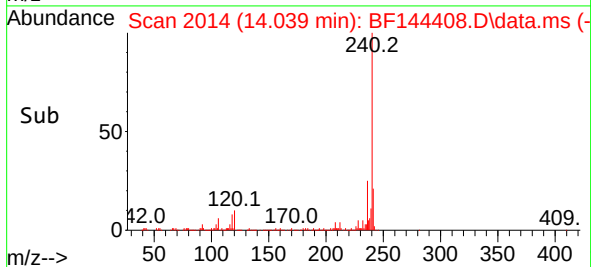
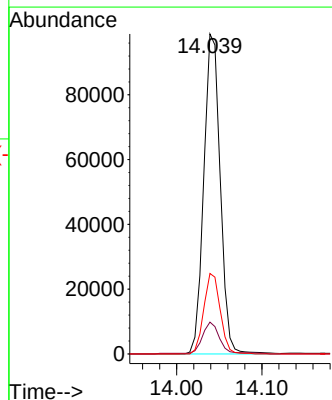
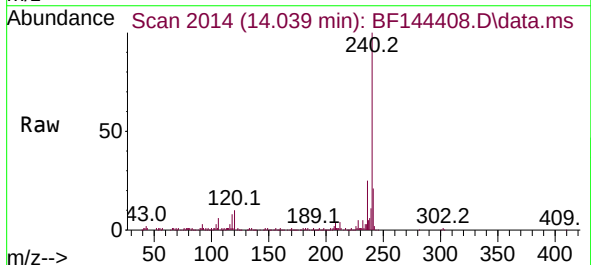
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BNA_F
ClientSampleId :
SB-1125-1

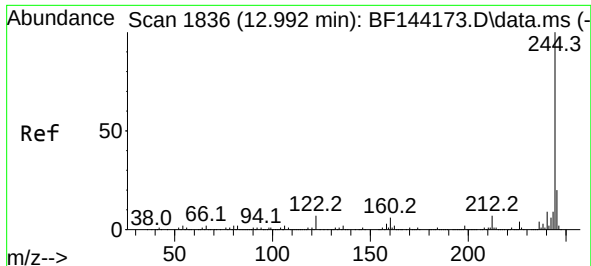
Tgt Ion:188 Resp: 140874
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

Tgt Ion:240 Resp: 132275
Ion Ratio Lower Upper
240 100
120 10.0 6.6 10.0
236 25.1 21.4 32.2

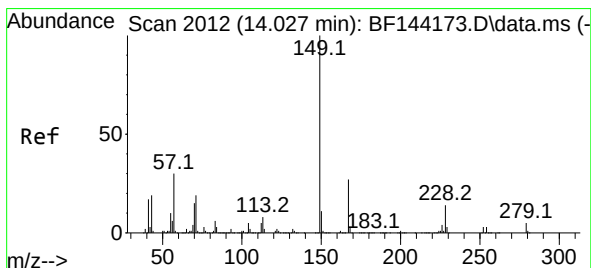
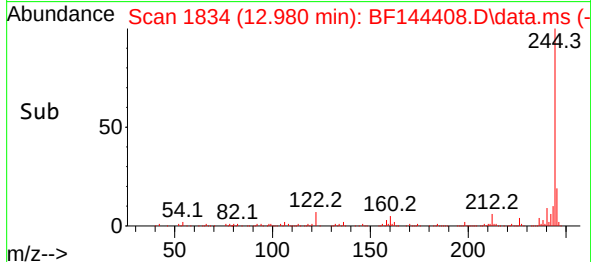
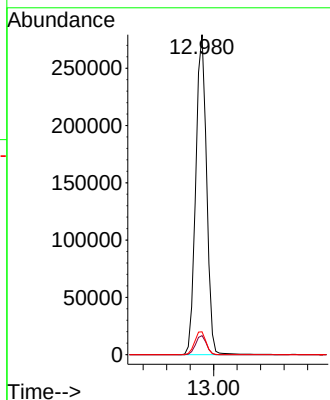
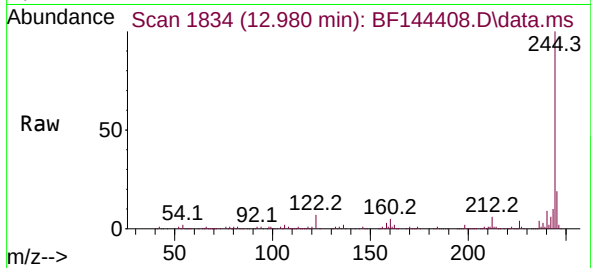




#79
 Terphenyl-d14
 Concen: 42.768 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144408.D
 Acq: 02 Dec 2025 17:49

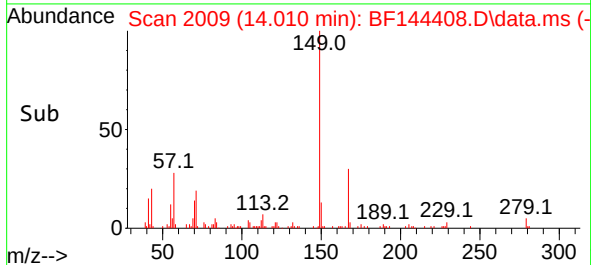
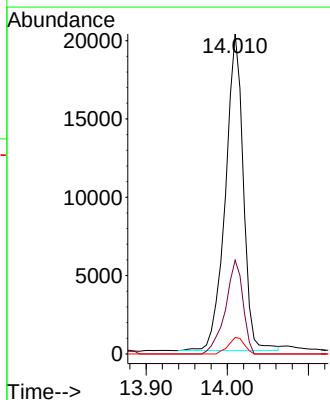
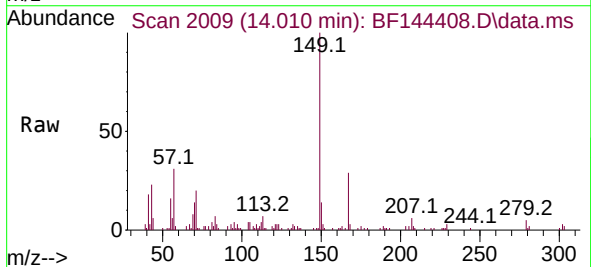
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 SB-1125-1

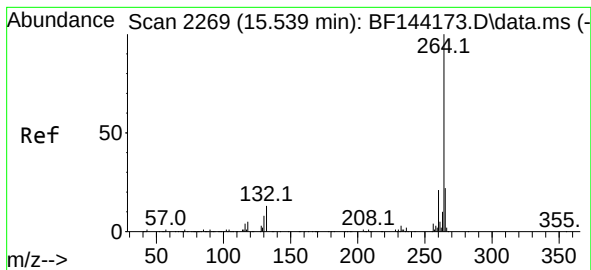
Tgt Ion:244 Resp: 356149
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.3 7.9
 122 7.1 5.6 8.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.124 ng
 RT: 14.010 min Scan# 2009
 Delta R.T. -0.018 min
 Lab File: BF144408.D
 Acq: 02 Dec 2025 17:49

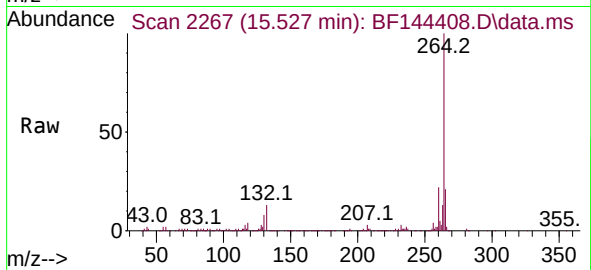
Tgt Ion:149 Resp: 30990
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.8 32.8
 279 5.1 3.7 5.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

Instrument :
BNA_F
ClientSampleId :
SB-1125-1



Tgt Ion:264 Resp: 168845

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.1	25.7
265	21.0	17.4	26.0

