

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144394.D
 Acq On : 01 Dec 2025 18:41
 Operator : RC/JU
 Sample : Q3719-13 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-17A

Quant Time: Dec 02 00:10:12 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)

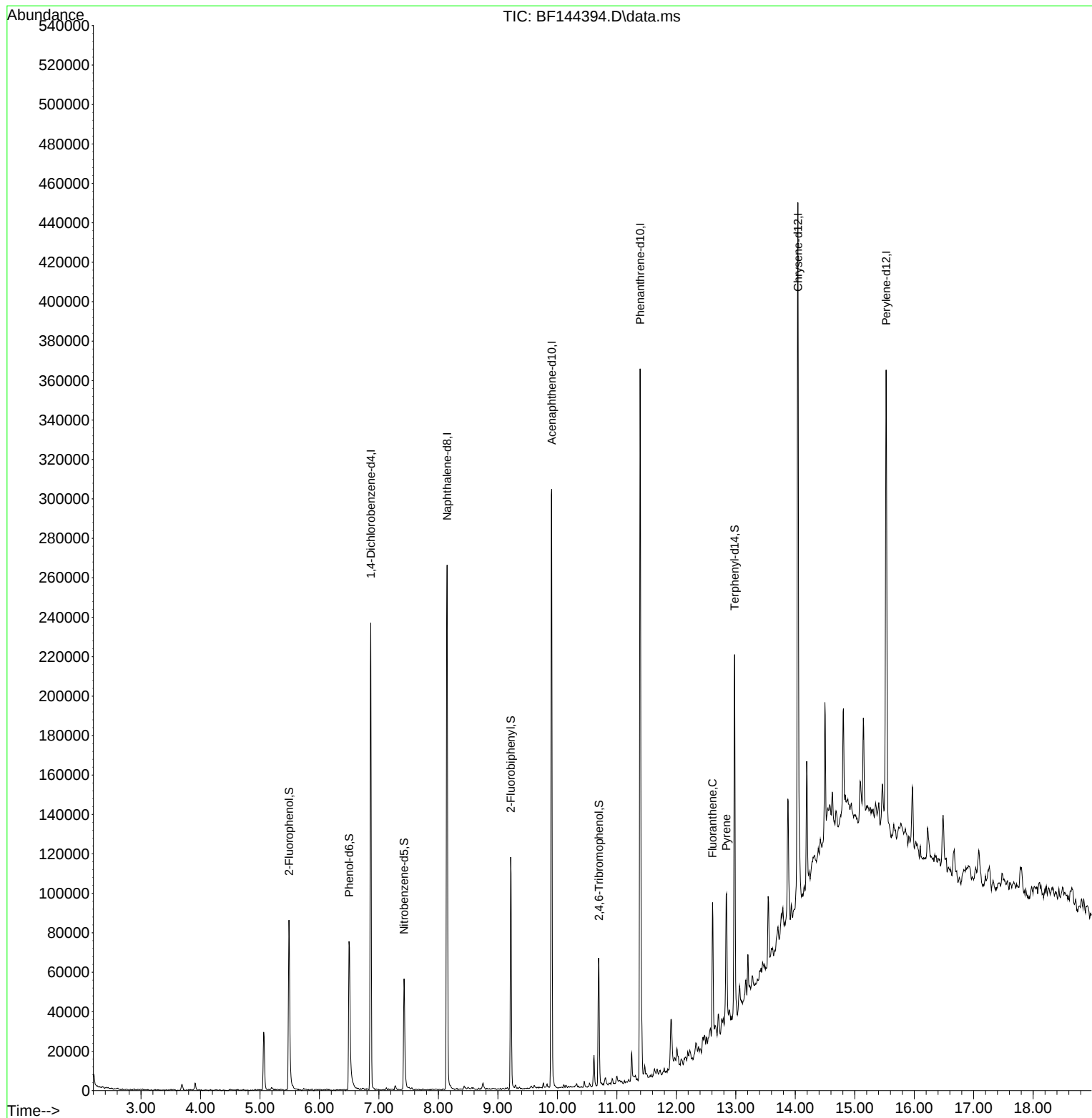
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	52905	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	181736	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	101490	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	196560	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	176998	20.000	ng	0.00
86) Perylene-d12	15.527	264	130950	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	45990	13.603	ng	0.00
7) Phenol-d6	6.498	99	49321	12.875	ng	0.00
23) Nitrobenzene-d5	7.422	82	27433	8.718	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	14405	11.311	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	60351	8.783	ng	-0.01
79) Terphenyl-d14	12.980	244	92052	8.261	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.610	202	41911	4.146	ng	97
78) Pyrene	12.839	202	36333	2.546	ng	98

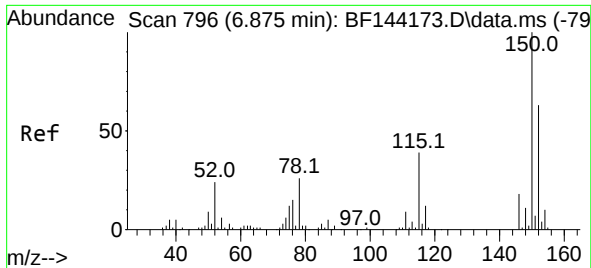
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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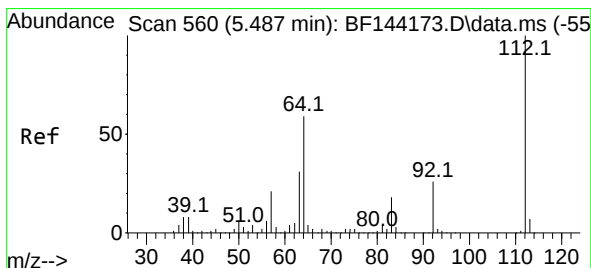
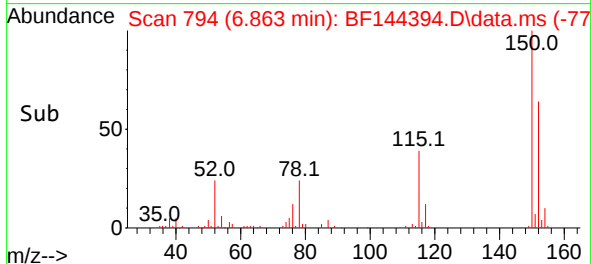
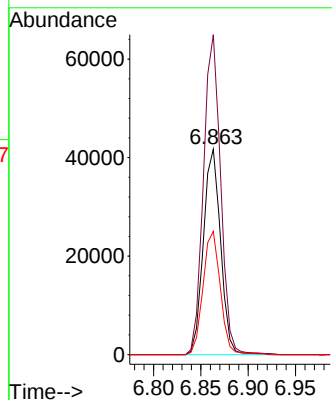
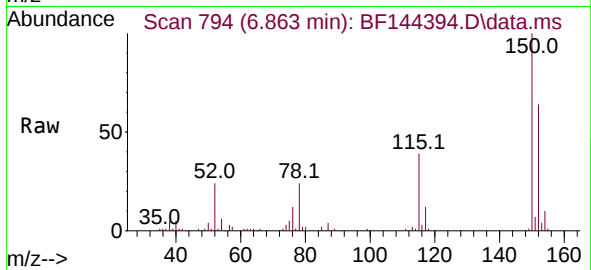




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144394.D
Acq: 01 Dec 2025 18:41

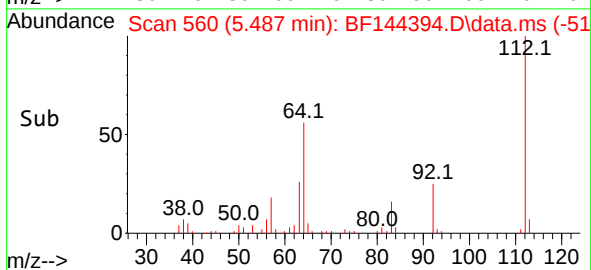
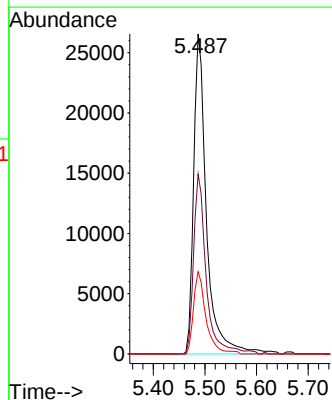
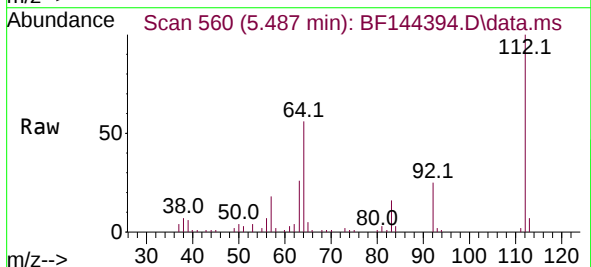
Instrument :
BNA_F
ClientSampleId :
SB-1125-17A

Tgt Ion:152 Resp: 52905
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 59.9 49.5 74.3



#5
2-Fluorophenol
Concen: 13.603 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144394.D
Acq: 01 Dec 2025 18:41

Tgt Ion:112 Resp: 45990
Ion Ratio Lower Upper
112 100
64 56.2 47.2 70.8
63 25.7 24.4 36.6

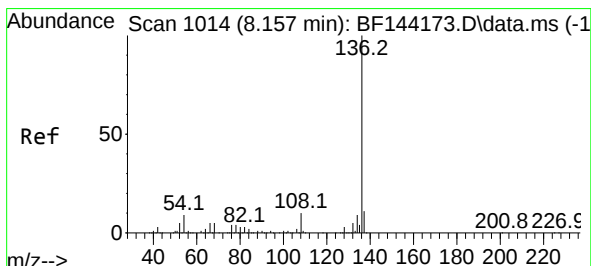
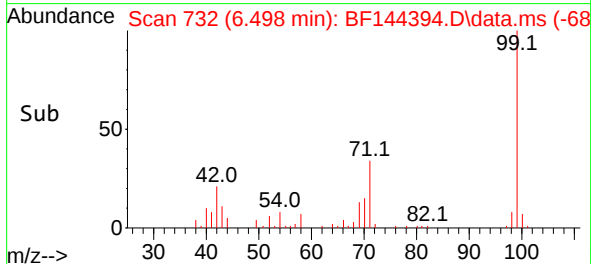
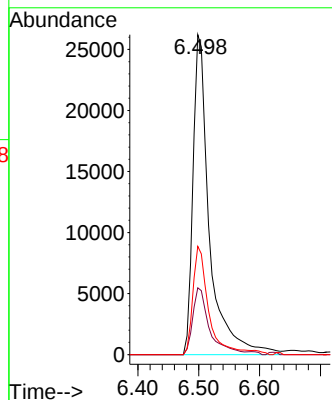
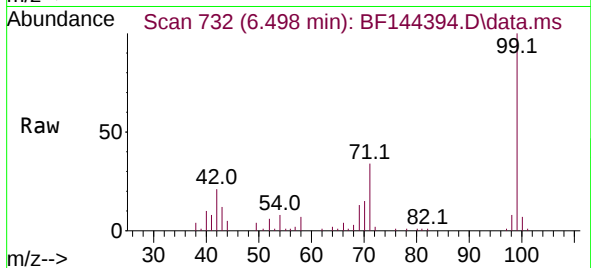




#7
Phenol-d6
Concen: 12.875 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144394.D
Acq: 01 Dec 2025 18:41

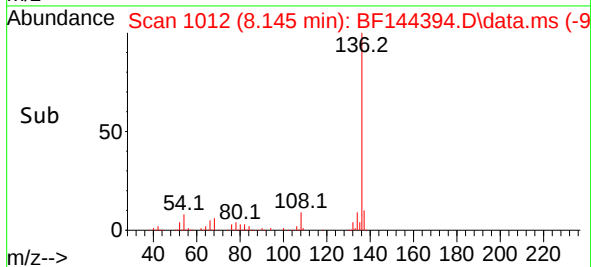
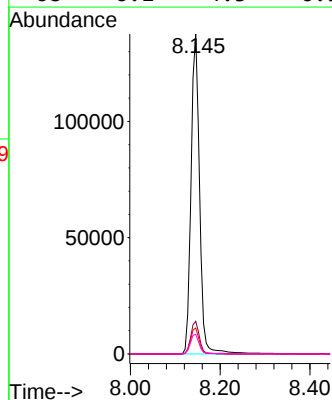
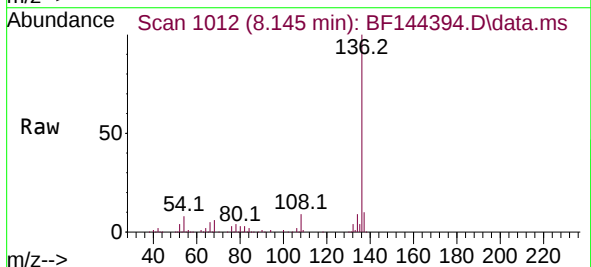
Instrument :
BNA_F
ClientSampleId :
SB-1125-17A

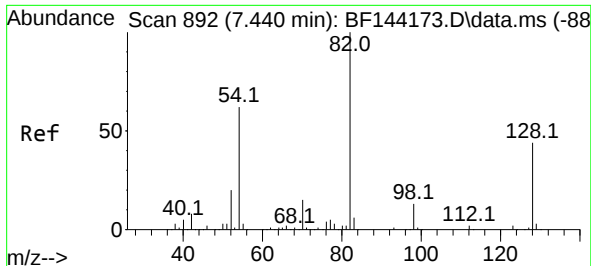
Tgt Ion: 99 Resp: 49321
Ion Ratio Lower Upper
99 100
42 20.9 20.9 31.3#
71 33.8 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144394.D
Acq: 01 Dec 2025 18:41

Tgt Ion: 136 Resp: 181736
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.1 7.0 10.6
68 6.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 8.718 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

Instrument :

BNA_F

ClientSampleId :

SB-1125-17A

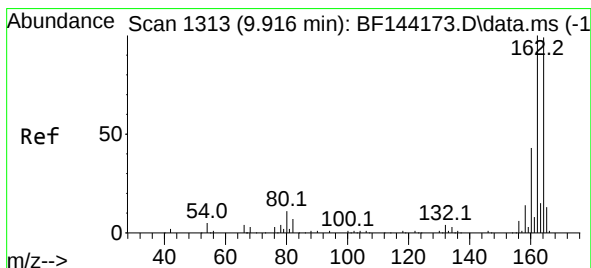
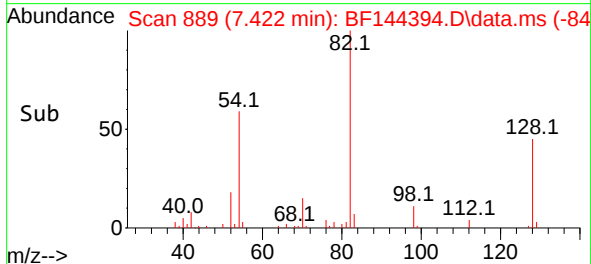
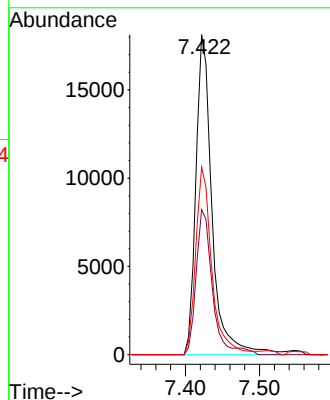
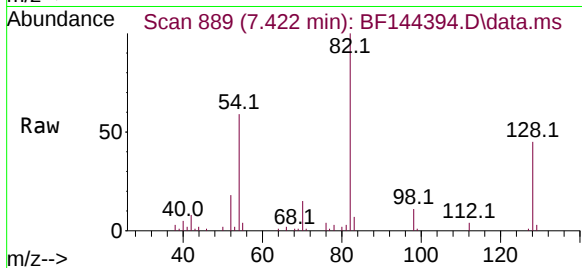
Tgt Ion: 82 Resp: 27433

Ion Ratio Lower Upper

82 100

128 45.3 34.7 52.1

54 58.6 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: BF144394.D

Acq: 01 Dec 2025 18:41

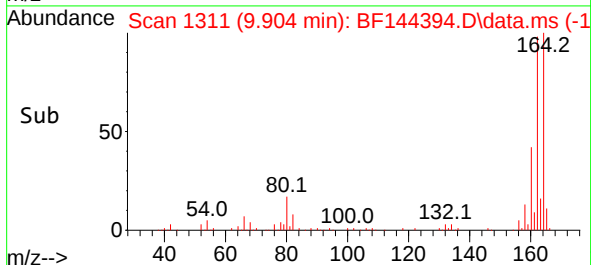
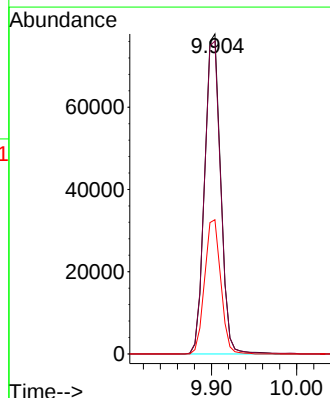
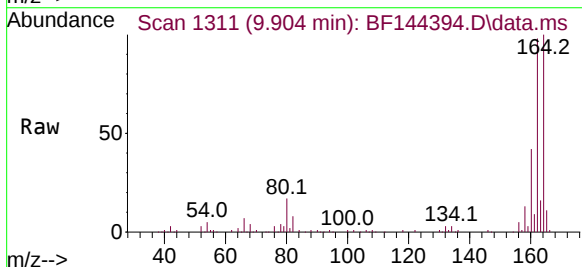
Tgt Ion:164 Resp: 101490

Ion Ratio Lower Upper

164 100

162 97.8 81.1 121.7

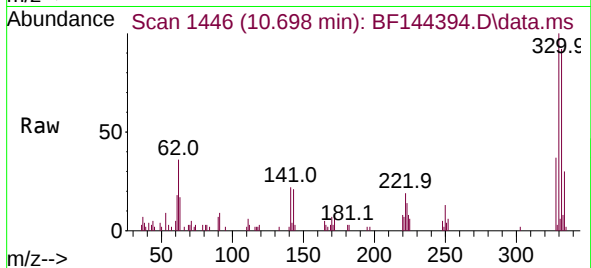
160 41.9 34.5 51.7



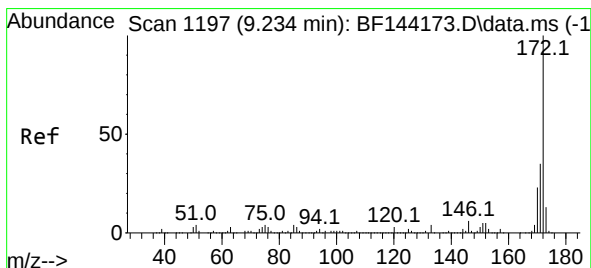
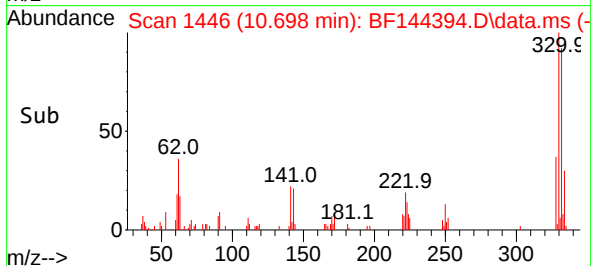
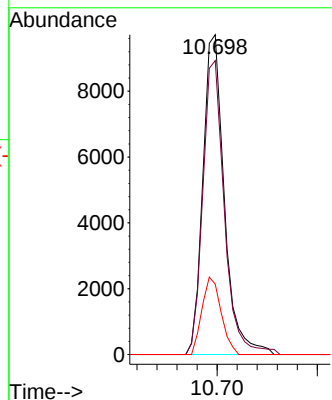


#42
2,4,6-Tribromophenol
Concen: 11.311 ng
RT: 10.698 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144394.D
Acq: 01 Dec 2025 18:41

Instrument :
BNA_F
ClientSampleId :
SB-1125-17A

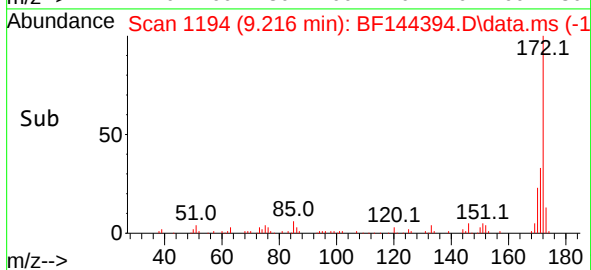
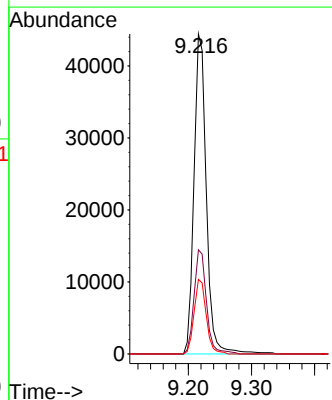
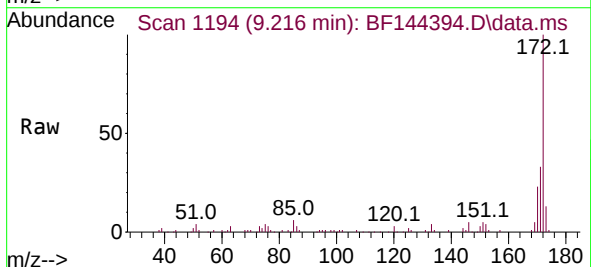


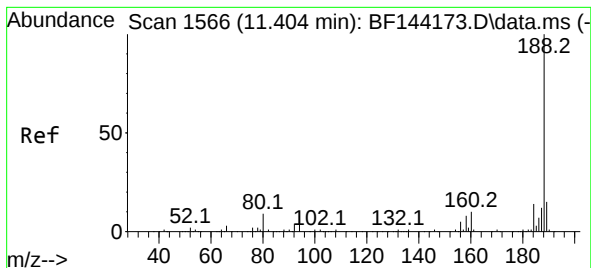
Tgt Ion: 330 Resp: 14405
Ion Ratio Lower Upper
330 100
332 92.0 76.7 115.1
141 21.6 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 8.783 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144394.D
Acq: 01 Dec 2025 18:41

Tgt Ion: 172 Resp: 60351
Ion Ratio Lower Upper
172 100
171 32.5 28.1 42.1
170 23.3 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: BF144394.D

Acq: 01 Dec 2025 18:41

Instrument :

BNA_F

ClientSampleId :

SB-1125-17A

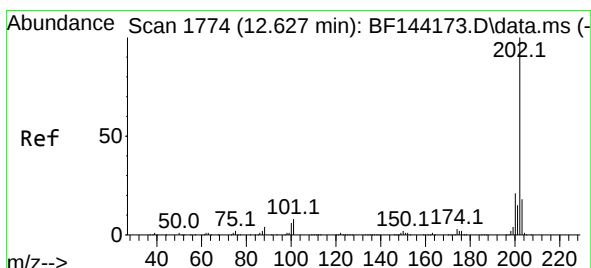
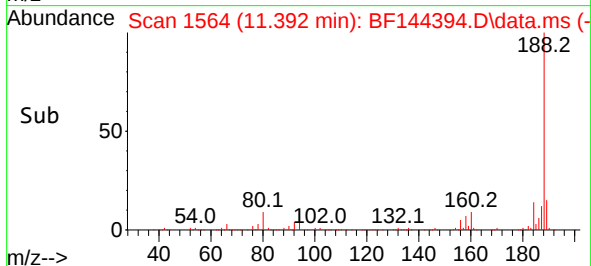
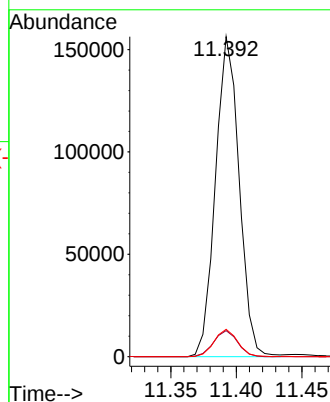
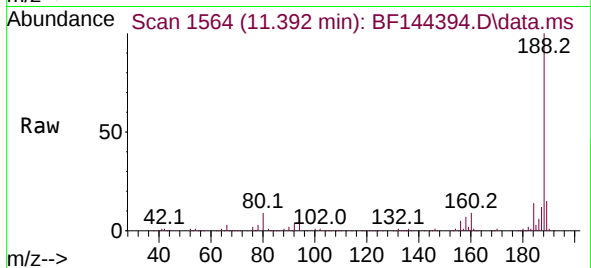
Tgt Ion:188 Resp: 196560

Ion Ratio Lower Upper

188 100

94 8.1 6.2 9.2

80 8.5 6.9 10.3



#75

Fluoranthene

Concen: 4.146 ng

RT: 12.610 min Scan# 1771

Delta R.T. -0.012 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

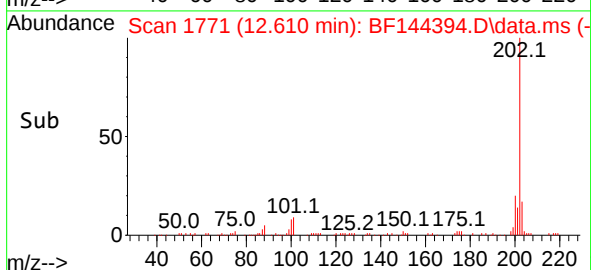
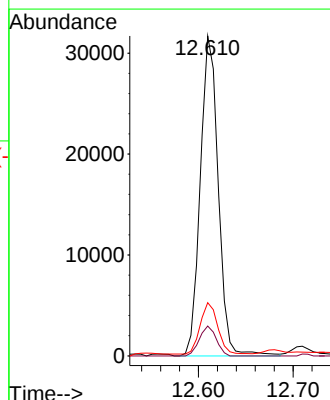
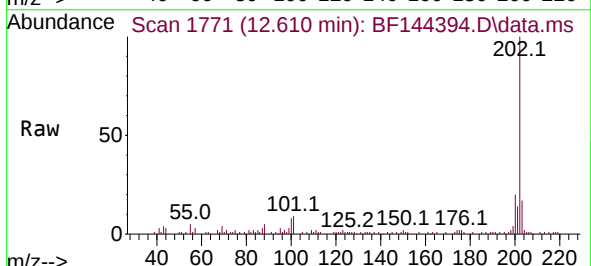
Tgt Ion:202 Resp: 41911

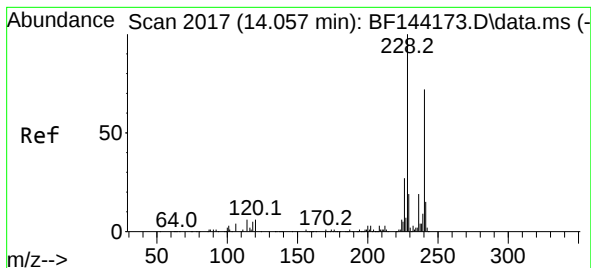
Ion Ratio Lower Upper

202 100

101 9.3 0.0 27.9

203 16.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

Instrument :

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ClientSampleId :

SB-1125-17A

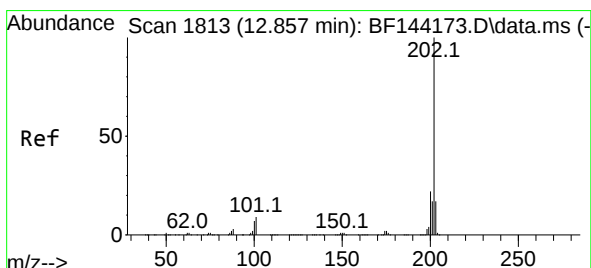
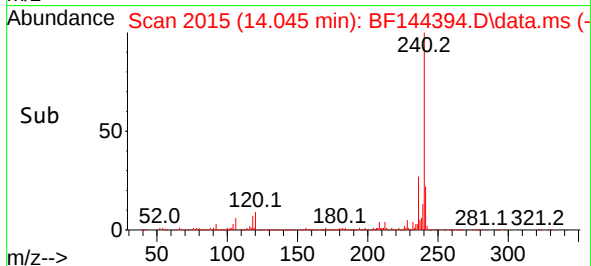
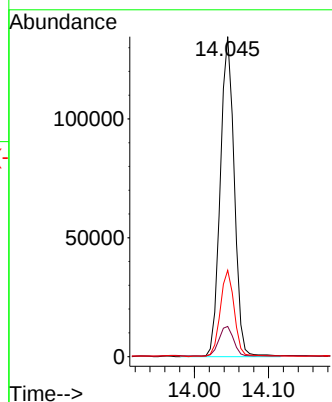
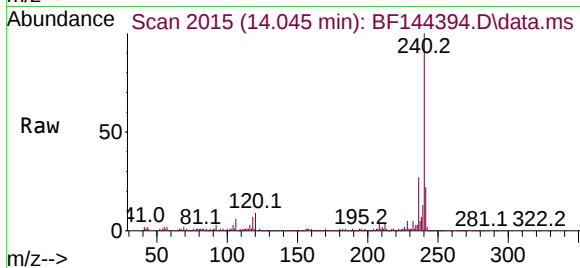
Tgt Ion:240 Resp: 176998

Ion Ratio Lower Upper

240 100

120 9.4 6.6 10.0

236 27.0 21.4 32.2



#78

Pyrene

Concen: 2.546 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144394.D

Acq: 01 Dec 2025 18:41

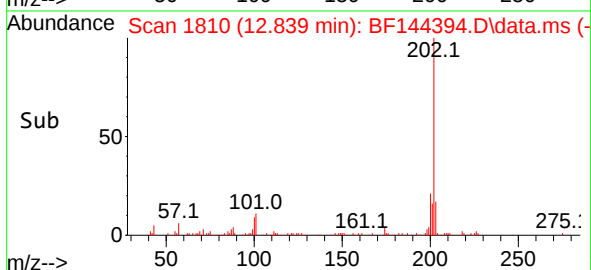
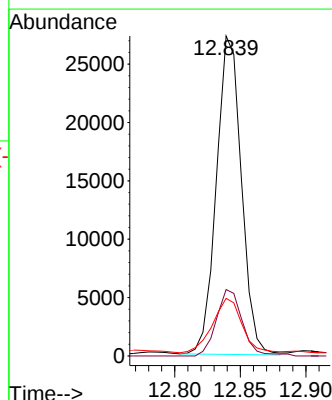
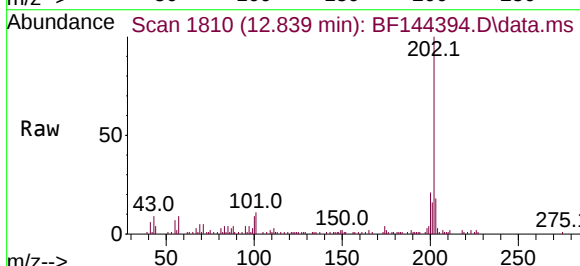
Tgt Ion:202 Resp: 36333

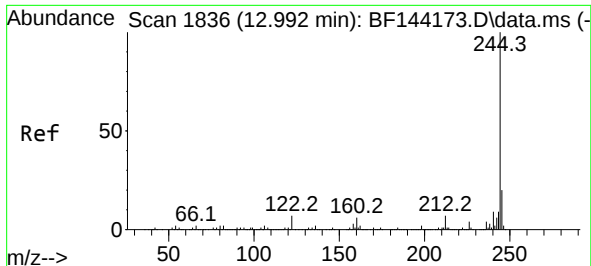
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 18.0 13.7 20.5

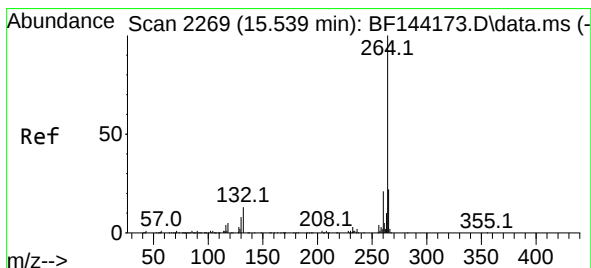
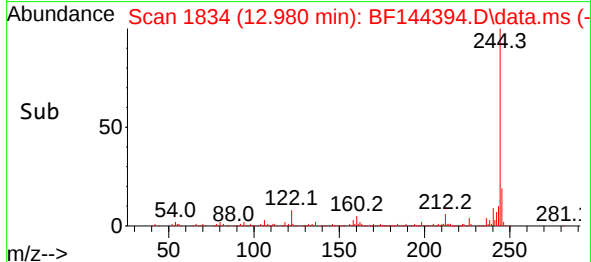
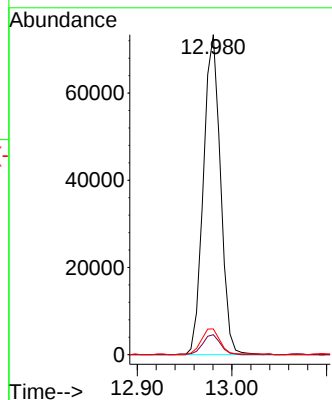
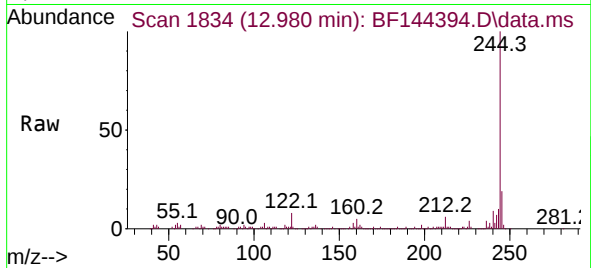




#79
 Terphenyl-d14
 Concen: 8.261 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144394.D
 Acq: 01 Dec 2025 18:41

Instrument :
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Tgt Ion:	244	Resp:	92052
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.3	7.9
122	8.0	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: BF144394.D
 Acq: 01 Dec 2025 18:41

Tgt Ion:	264	Resp:	130950
Ion Ratio	Lower	Upper	
264	100		
260	21.7	17.1	25.7
265	21.6	17.4	26.0

