

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142952.D
 Acq On : 01 Jul 2025 16:27
 Operator : RC/JU
 Sample : Q2449-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200032

Quant Time: Jul 01 16:58:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

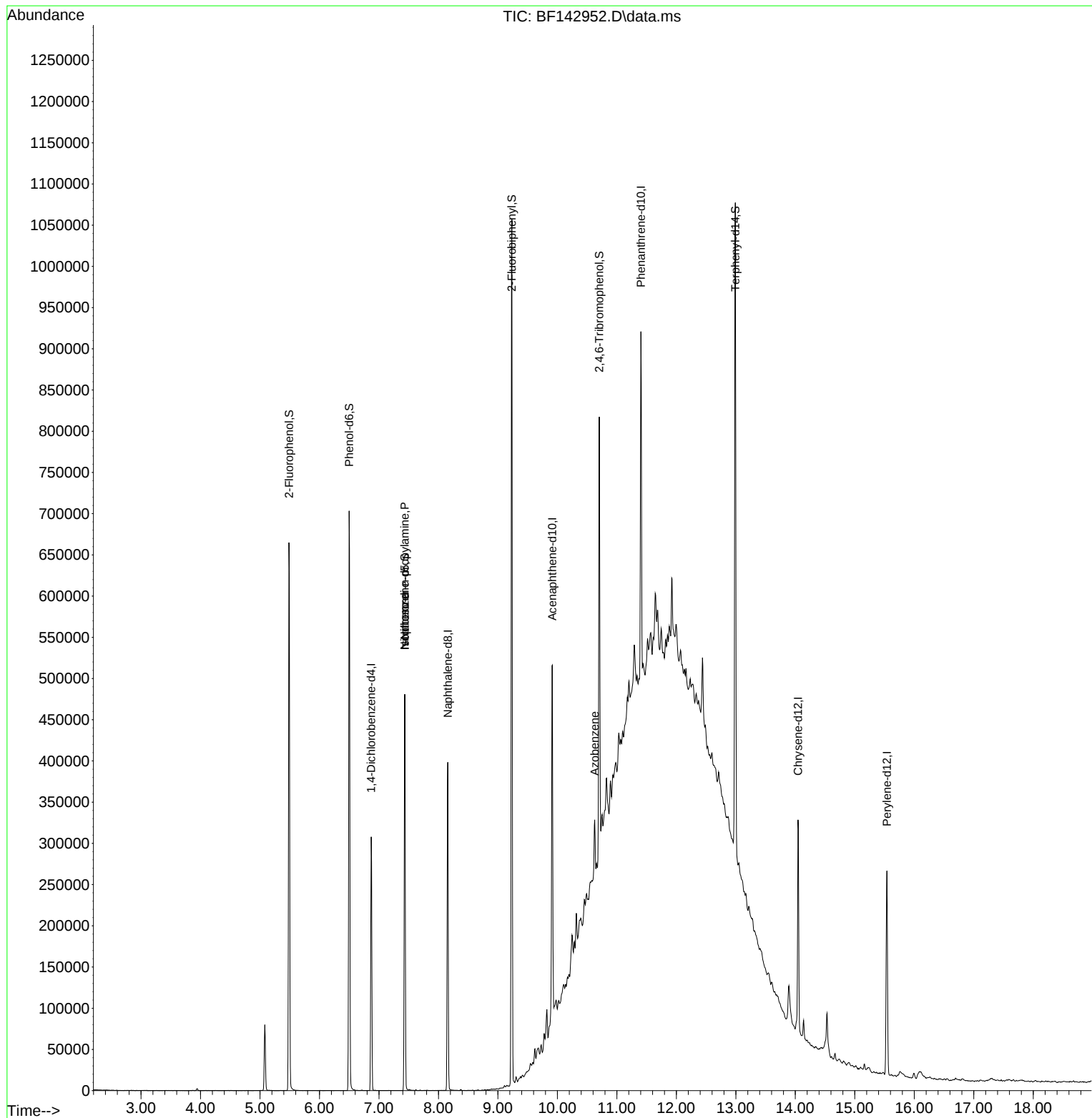
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67119	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	256101	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	132400	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	210889	20.000	ng	0.00
76) Chrysene-d12	14.045	240	128060	20.000	ng	-0.01
86) Perylene-d12	15.539	264	142429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	258574	64.141	ng	0.00
7) Phenol-d6	6.498	99	323034	67.918	ng	-0.01
23) Nitrobenzene-d5	7.434	82	197217	42.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	92120	67.612	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	481038	47.729	ng	-0.01
79) Terphenyl-d14	12.992	244	387799	41.842	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	25921	9.371	ng	# 79
25) Isophorone	7.434	82	195750	26.135	ng	# 62
63) Azobenzene	10.628	77	17927	2.387	ng	# 1

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

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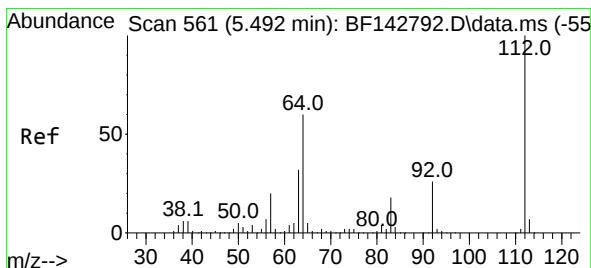
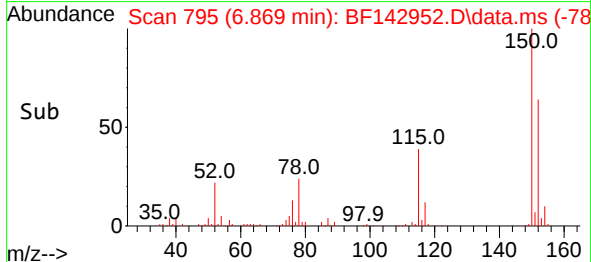
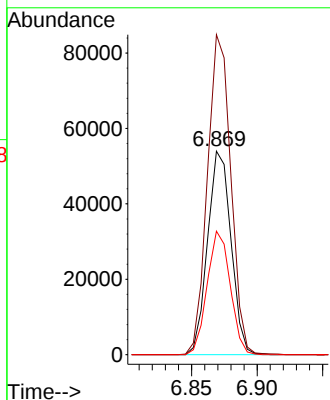
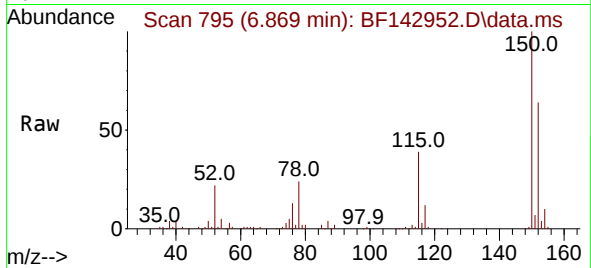




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

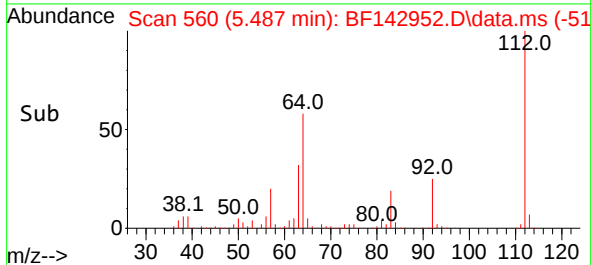
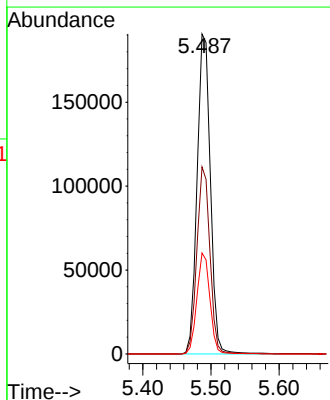
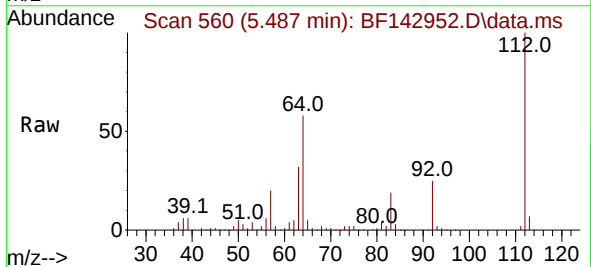
Instrument :
BNA_F
ClientSampleId :
RBR200032

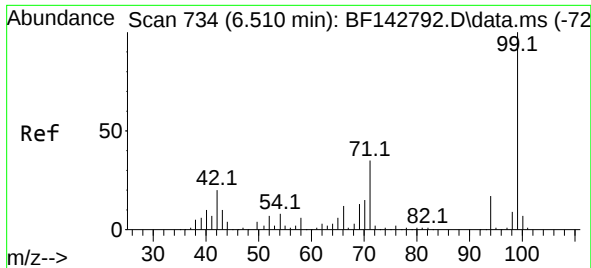
Tgt Ion:152 Resp: 67119
Ion Ratio Lower Upper
152 100
150 157.2 127.2 190.8
115 60.7 46.6 69.8



#5
2-Fluorophenol
Concen: 64.141 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

Tgt Ion:112 Resp: 258574
Ion Ratio Lower Upper
112 100
64 58.5 48.2 72.2
63 31.5 25.7 38.5

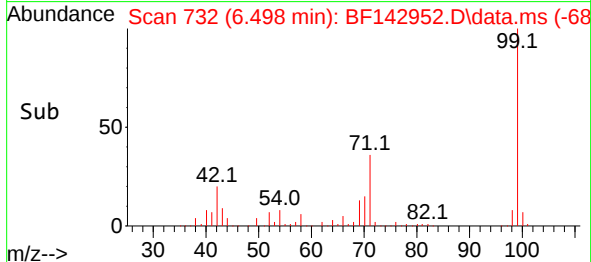
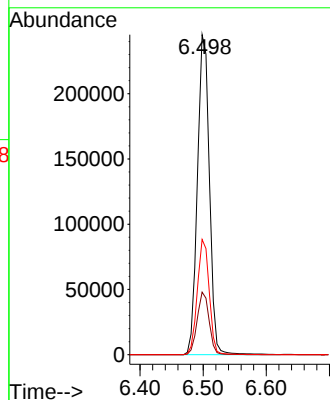
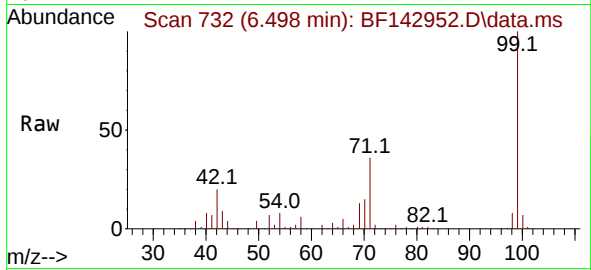




#7
Phenol-d6
Concen: 67.918 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

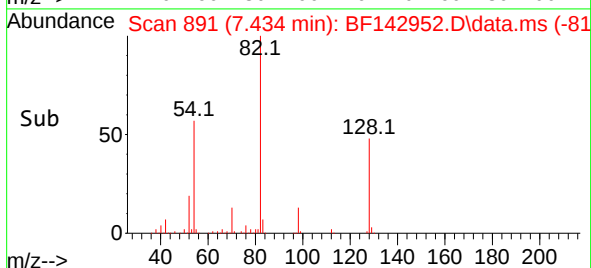
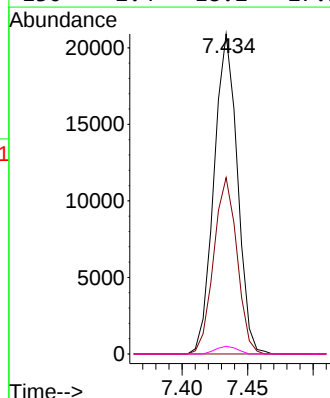
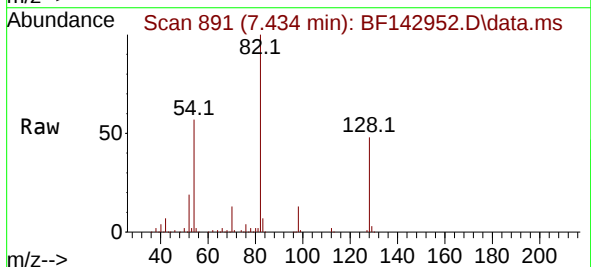
Instrument :
BNA_F
ClientSampleId :
RBR200032

Tgt Ion: 99 Resp: 323034
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 36.0 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.371 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 70 Resp: 25921
Ion Ratio Lower Upper
70 100
42 55.1 52.1 78.1
101 0.0 8.2 12.2#
130 2.4 18.2 27.2#

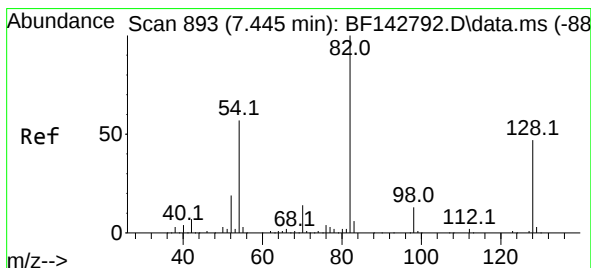
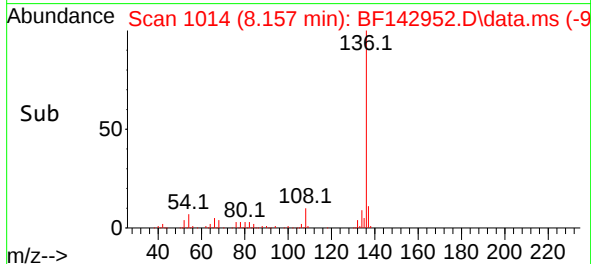
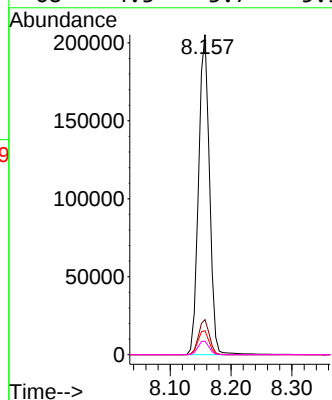
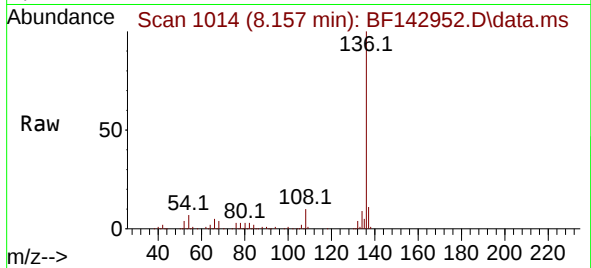




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

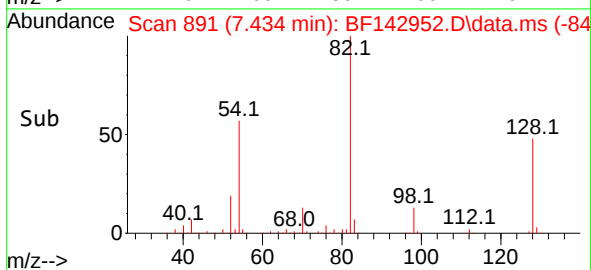
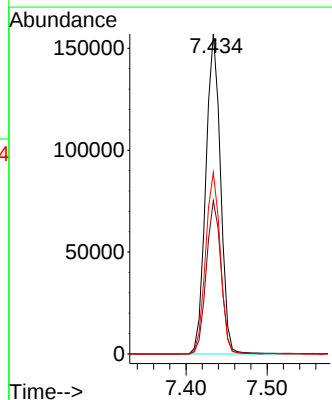
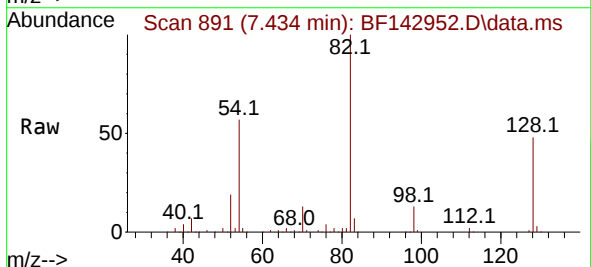
Instrument :
BNA_F
ClientSampleId :
RBR200032

Tgt Ion:136 Resp: 256101
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.5 6.3 9.5
68 4.3 3.7 5.5



#23
Nitrobenzene-d5
Concen: 42.239 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 82 Resp: 197217
Ion Ratio Lower Upper
82 100
128 47.9 37.7 56.5
54 56.7 45.7 68.5

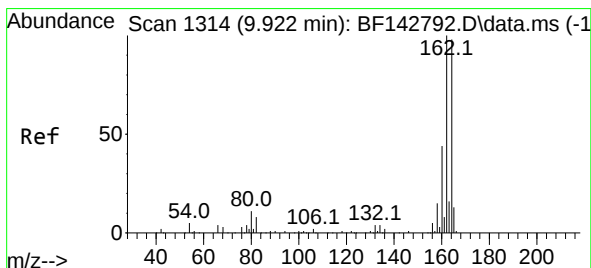
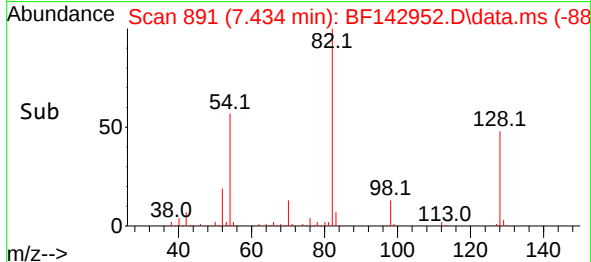
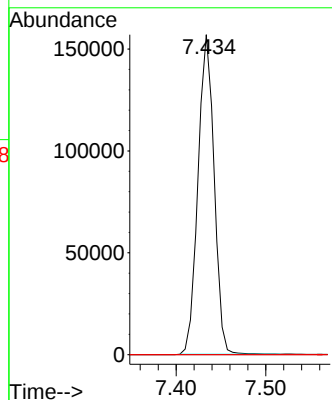
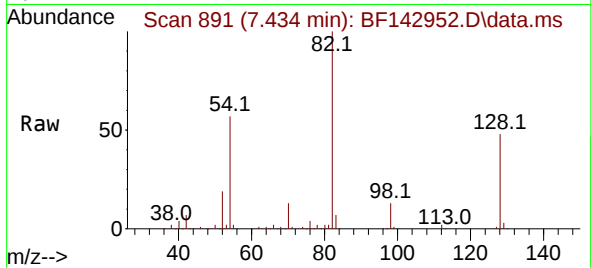




#25
Isophorone
Concen: 26.135 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.270 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

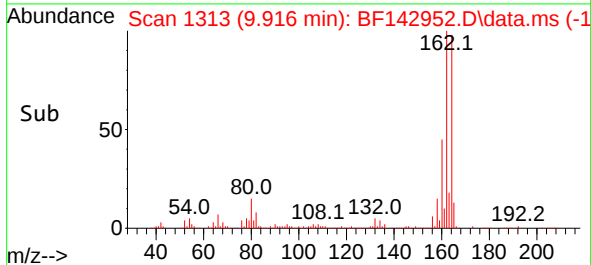
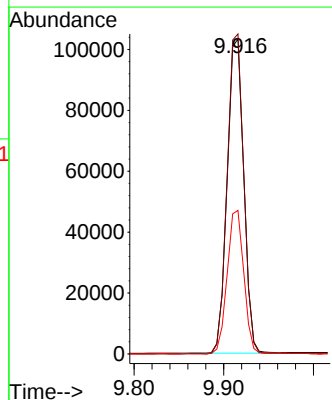
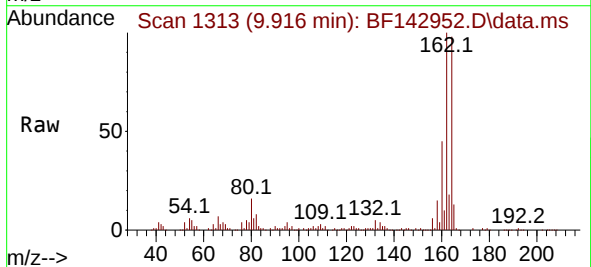
Instrument :
BNA_F
ClientSampleId :
RBR200032

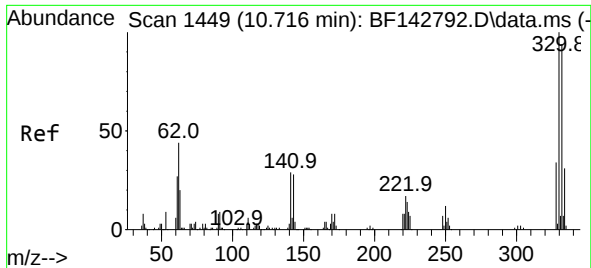
Tgt Ion: 82 Resp: 195750
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

Tgt Ion:164 Resp: 132400
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.8
160 45.6 36.0 54.0

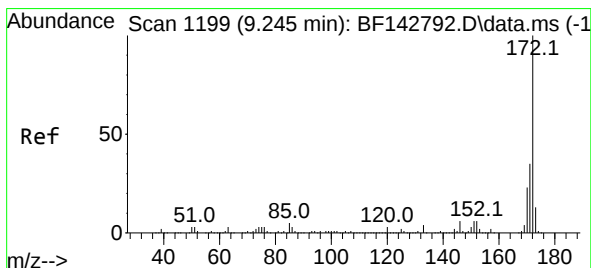
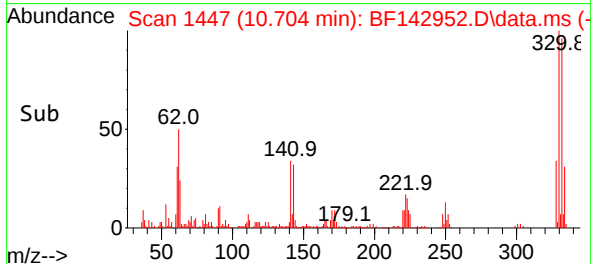
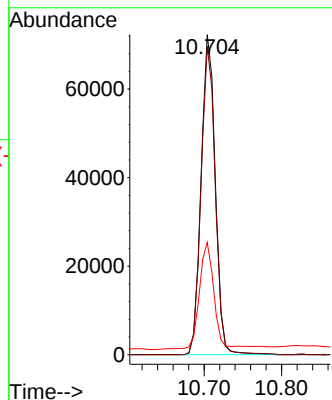
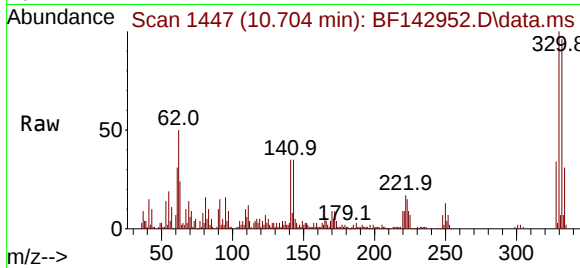




#42
 2,4,6-Tribromophenol
 Concen: 67.612 ng
 RT: 10.704 min Scan# 1449
 Delta R.T. -0.012 min
 Lab File: BF142952.D
 Acq: 01 Jul 2025 16:27

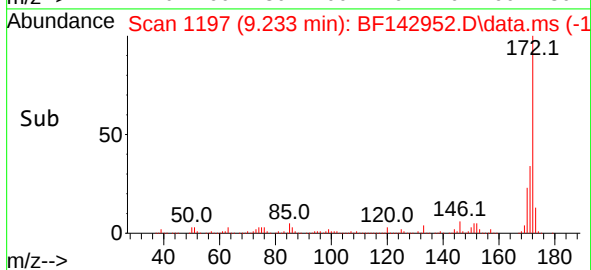
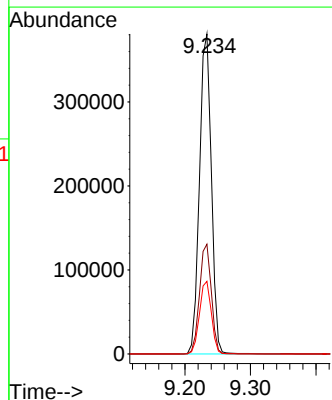
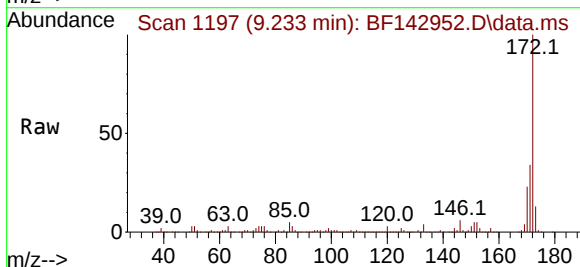
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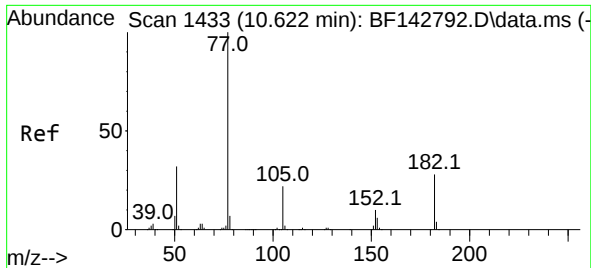
Tgt Ion:330 Resp: 92120
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.0 112.6
 141 34.2 25.3 37.9



#45
 2-Fluorobiphenyl
 Concen: 47.729 ng
 RT: 9.233 min Scan# 1197
 Delta R.T. -0.011 min
 Lab File: BF142952.D
 Acq: 01 Jul 2025 16:27

Tgt Ion:172 Resp: 481038
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.2 42.4
 170 22.7 18.5 27.7

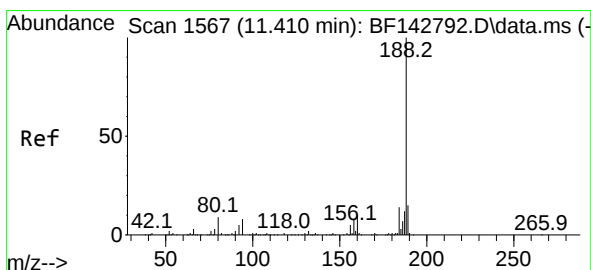
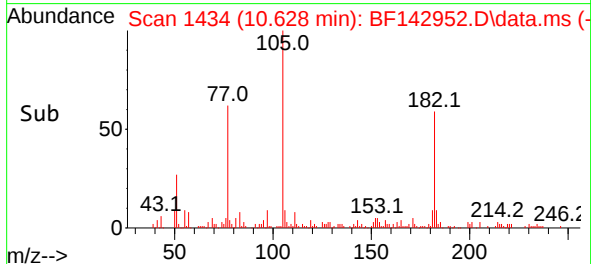
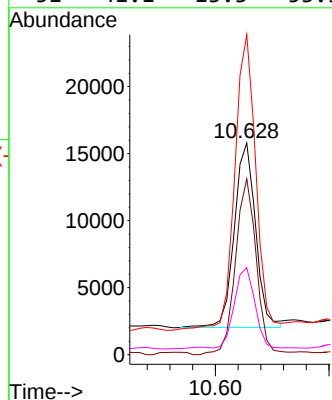
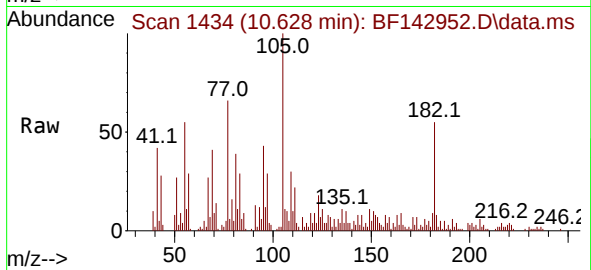




#63
Azobenzene
Concen: 2.387 ng
RT: 10.628 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

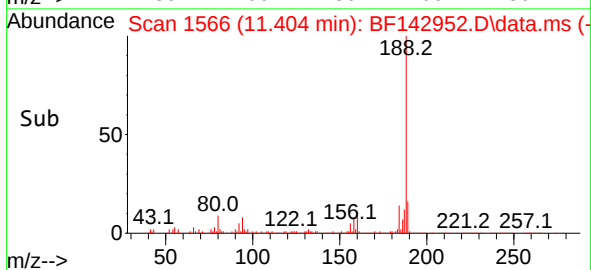
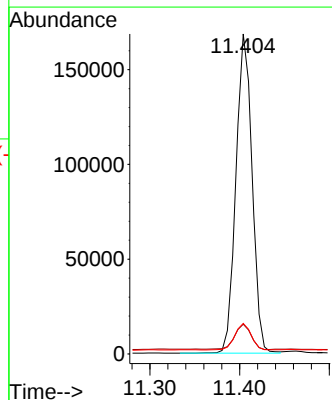
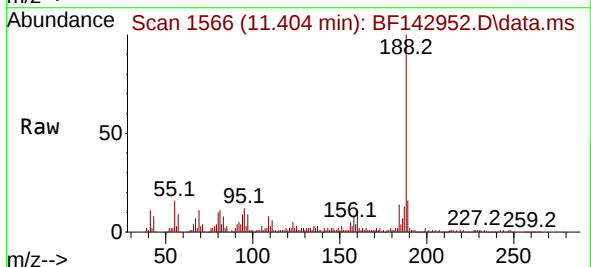
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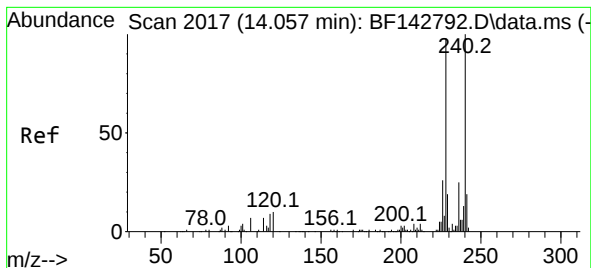
Tgt Ion: 77 Resp: 17927
Ion Ratio Lower Upper
77 100
182 83.0 7.7 47.7#
105 151.2 1.9 41.9#
51 41.1 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142952.D
Acq: 01 Jul 2025 16:27

Tgt Ion: 188 Resp: 210889
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.6 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142952.D

Acq: 01 Jul 2025 16:27

Instrument :

BNA_F

ClientSampleId :

RBR200032

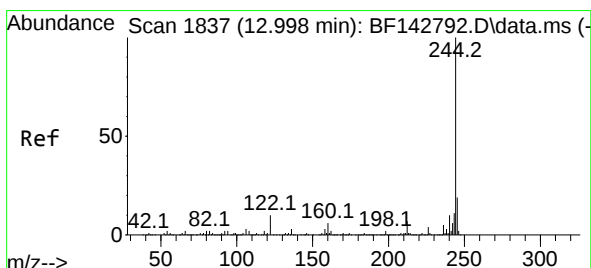
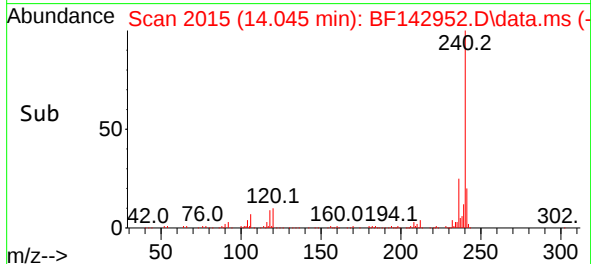
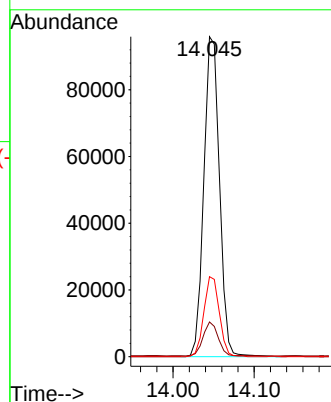
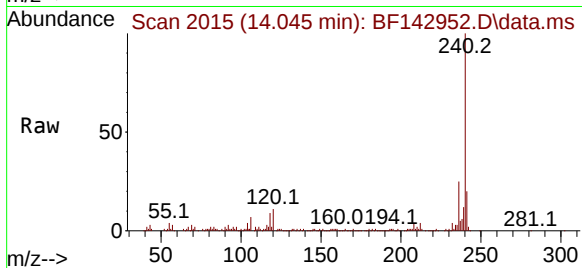
Tgt Ion:240 Resp: 128060

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

236 25.0 19.8 29.8



#79

Terphenyl-d14

Concen: 41.842 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142952.D

Acq: 01 Jul 2025 16:27

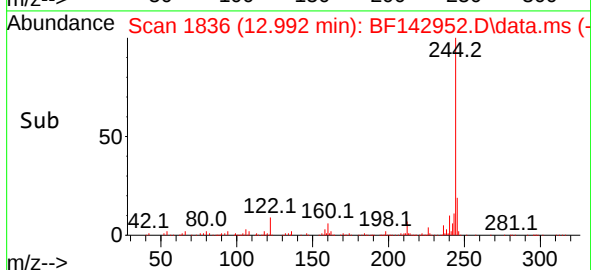
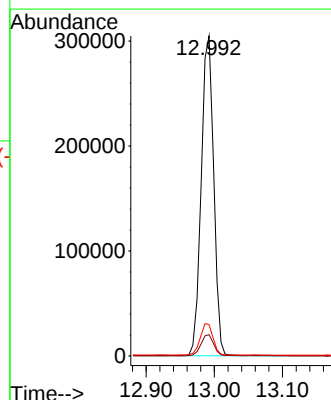
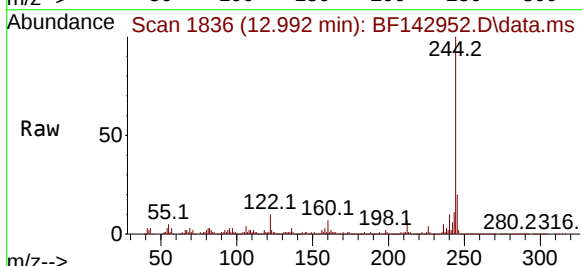
Tgt Ion:244 Resp: 387799

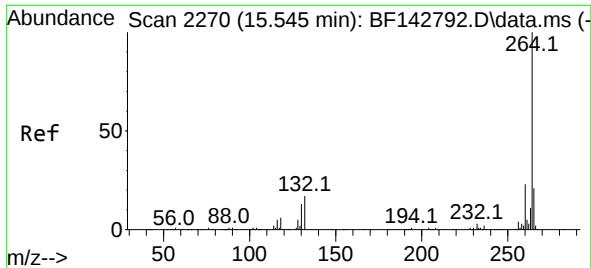
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 9.8 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142952.D
 Acq: 01 Jul 2025 16:27

Instrument :
 BNA_F
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Tgt Ion:264 Resp: 142429
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.1 16.6 25.0

