

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144352.D
 Acq On : 25 Nov 2025 16:15
 Operator : RC/JU
 Sample : Q3700-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Nov 25 17:04:23 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

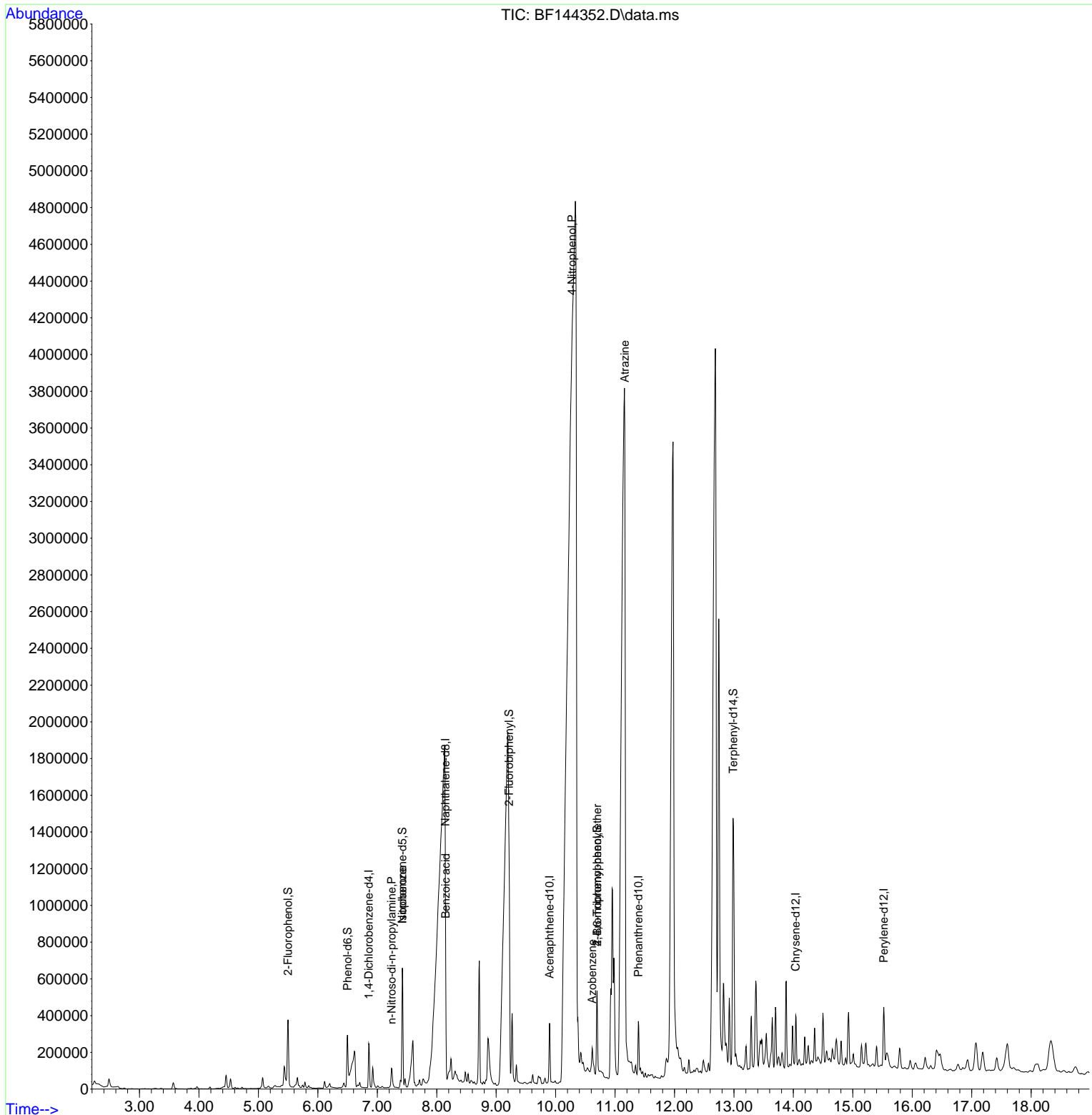
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	52716	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	150908	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	98746	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	159320	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	146743	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	179293	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	175163	51.997	ng	0.00
7) Phenol-d6	6.498	99	137006	35.894	ng	0.00
23) Nitrobenzene-d5	7.422	82	277213	106.094	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	91468	73.815	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	508591	76.069	ng	-0.01
79) Terphenyl-d14	12.986	244	605062	65.494	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.240	70	11474	4.566	ng	# 61
25) Isophorone	7.422	82	274839	55.609	ng	# 66
32) Benzoic acid	8.151	122	84959	55.063	ng	96
56) 4-Nitrophenol	10.275	139	19804	18.912	ng	# 38
63) Azobenzene	10.616	77	32199	5.737	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	4971	2.444	ng	# 1
69) Atrazine	11.163	200	13809	8.474	ng	# 47

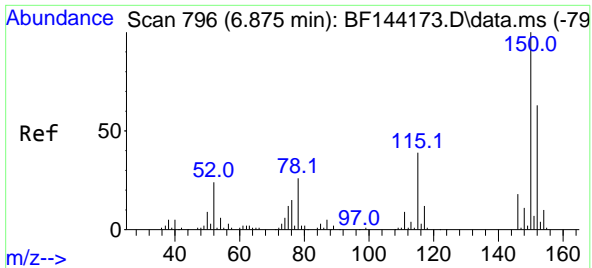
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
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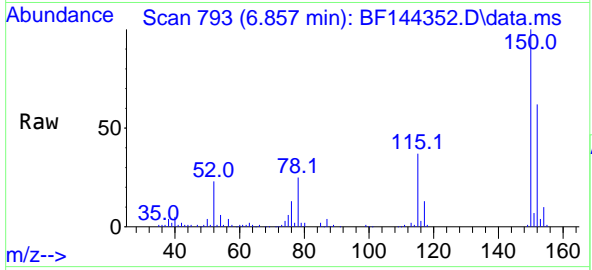
Quant Time: Nov 25 17:04:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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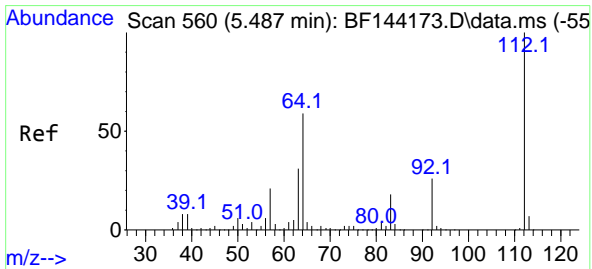
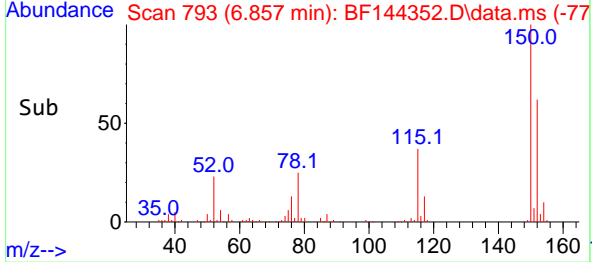
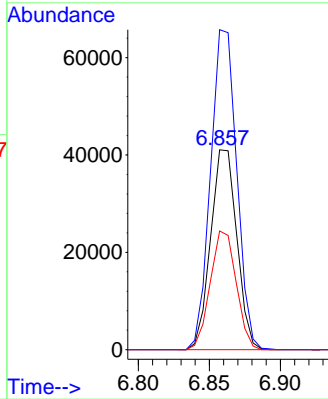


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

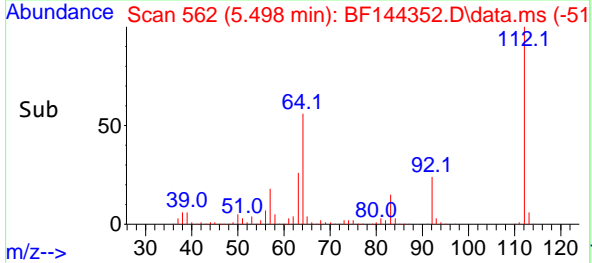
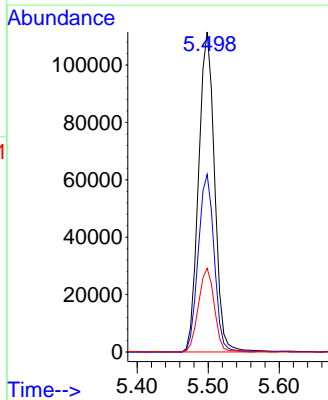
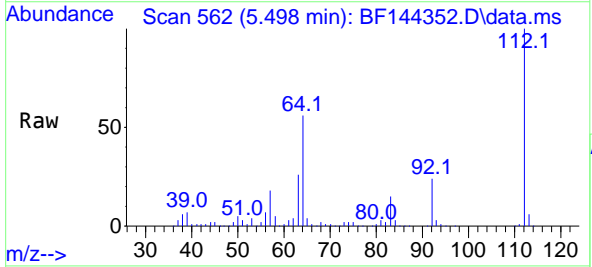


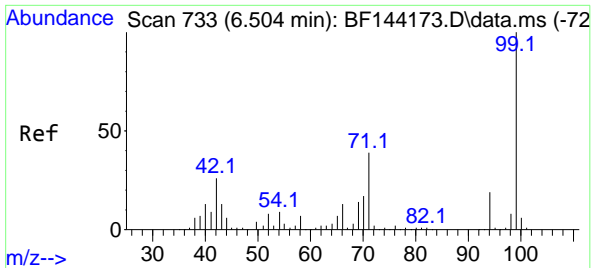
Tgt Ion:152 Resp: 52716
 Ion Ratio Lower Upper
 152 100
 150 160.1 127.4 191.0
 115 59.4 49.5 74.3



#5
 2-Fluorophenol
 Concen: 51.997 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Tgt Ion:112 Resp: 175163
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.2 70.8
 63 26.2 24.4 36.6

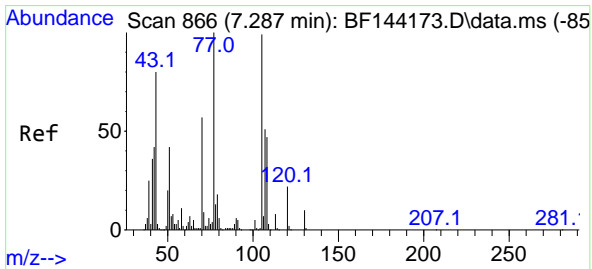
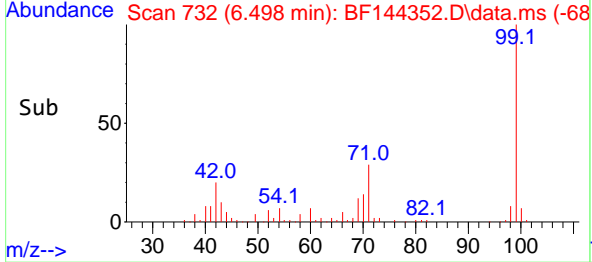
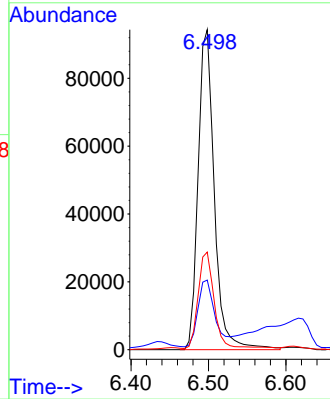
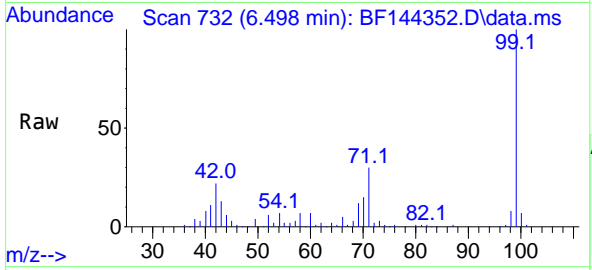




#7
 Phenol-d6
 Concen: 35.894 ng
 RT: 6.498 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

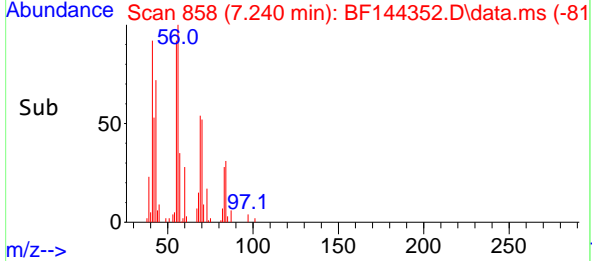
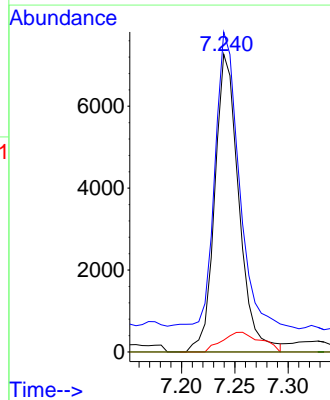
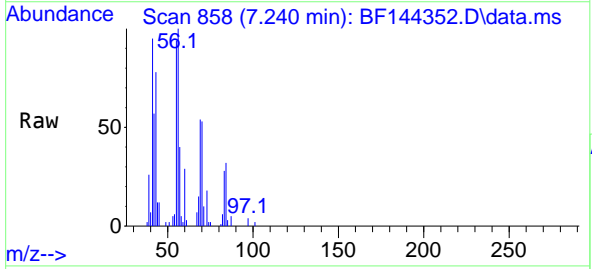
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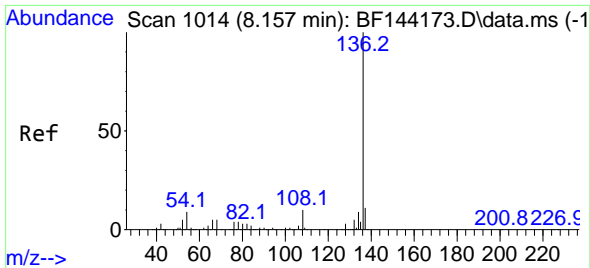
Tgt Ion: 99 Resp: 137006
 Ion Ratio Lower Upper
 99 100
 42 21.7 20.9 31.3
 71 30.5 31.4 47.2#



#19
 n-Nitroso-di-n-propylamine
 Concen: 4.566 ng
 RT: 7.240 min Scan# 858
 Delta R.T. -0.035 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

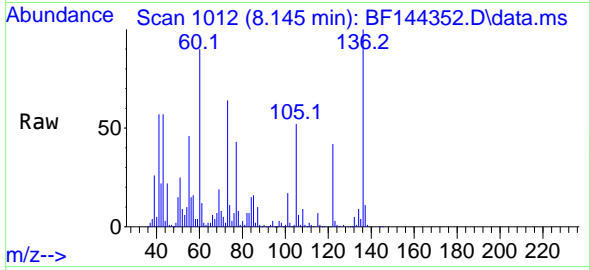
Tgt Ion: 70 Resp: 11474
 Ion Ratio Lower Upper
 70 100
 42 107.5 58.3 87.5#
 101 4.0 7.0 10.6#
 130 0.0 14.4 21.6#



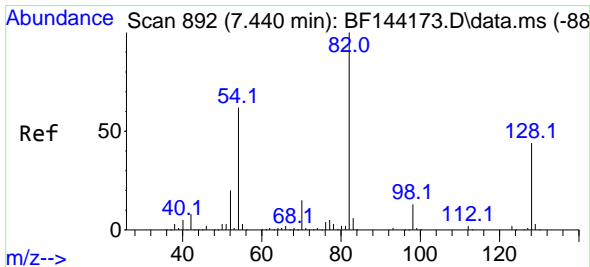
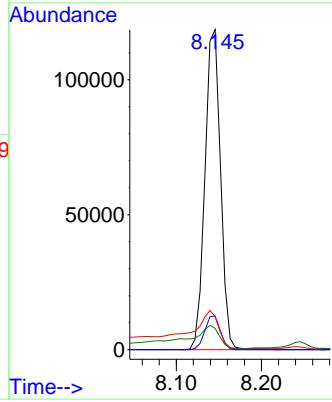
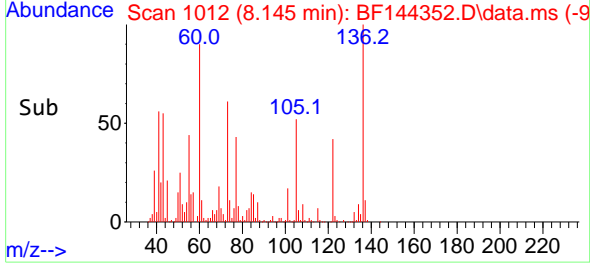


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.145 min Scan# 1014
 Delta R.T. -0.012 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

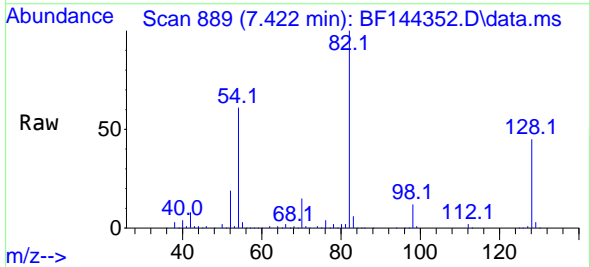
Instrument : BNA_F
 ClientSampleId : EFF-WW



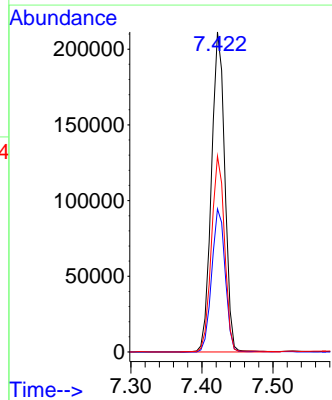
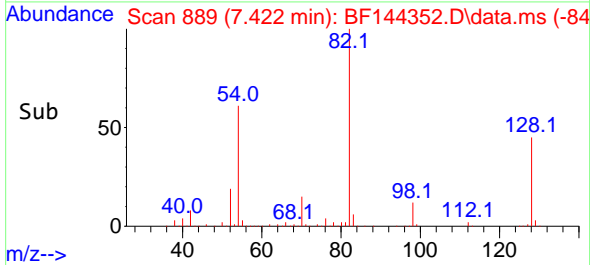
Tgt Ion:136 Resp: 150908
 Ion Ratio Lower Upper
 136 100
 137 10.5 8.6 13.0
 54 10.3 7.0 10.6
 68 6.7 4.3 6.5#

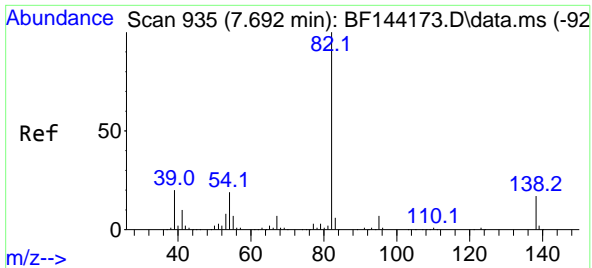


#23
 Nitrobenzene-d5
 Concen: 106.094 ng
 RT: 7.422 min Scan# 889
 Delta R.T. -0.012 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15



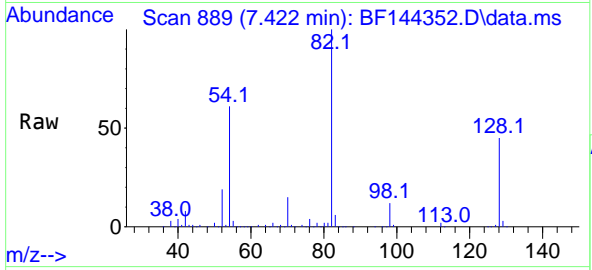
Tgt Ion: 82 Resp: 277213
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.7 52.1
 54 61.2 49.5 74.3



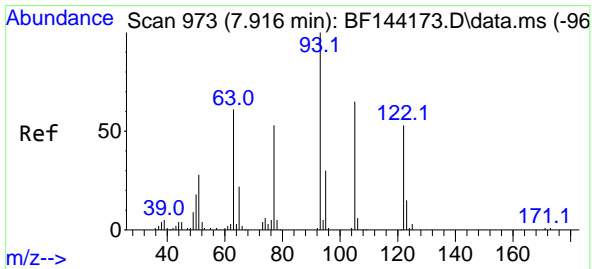
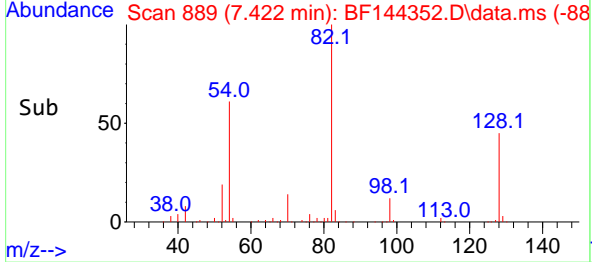
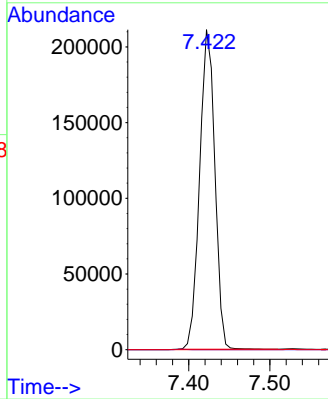


#25
 Isophorone
 Concen: 55.609 ng
 RT: 7.422 min Scan# 81
 Delta R.T. -0.265 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

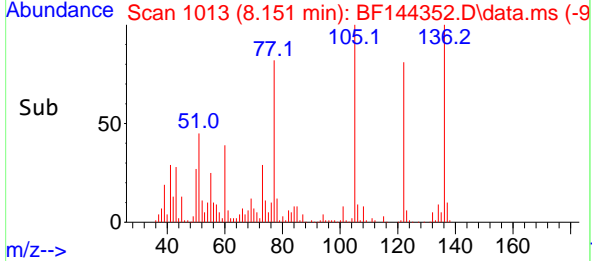
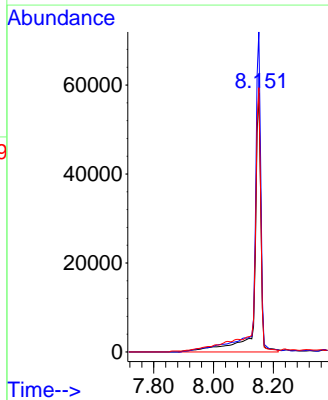
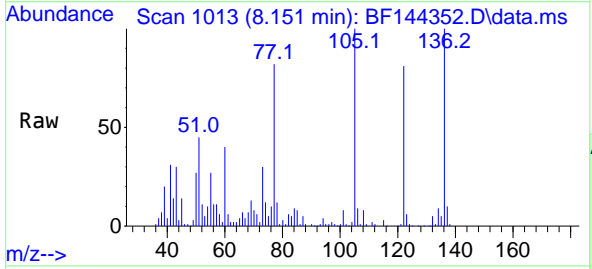


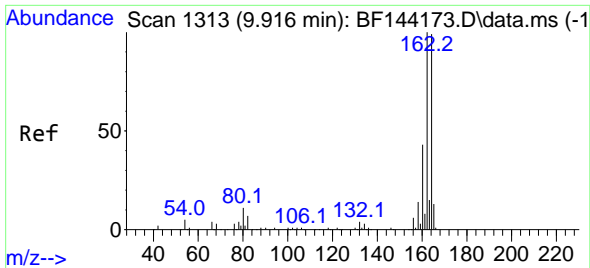
Tgt Ion: 82 Resp: 274839
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 13.7 20.5#



#32
 Benzoic acid
 Concen: 55.063 ng
 RT: 8.151 min Scan# 1013
 Delta R.T. 0.200 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Tgt Ion: 122 Resp: 84959
 Ion Ratio Lower Upper
 122 100
 105 123.6 99.9 139.9
 77 102.1 77.5 117.5

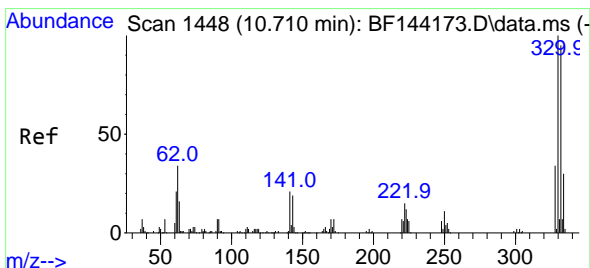
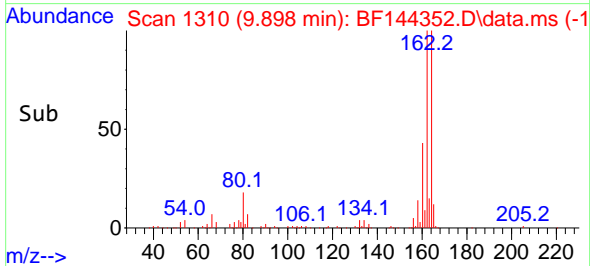
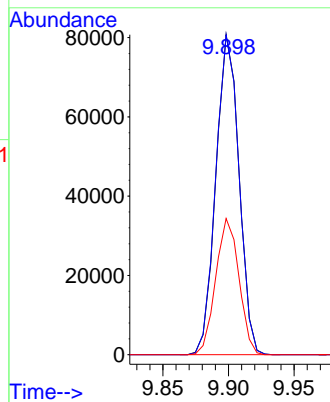
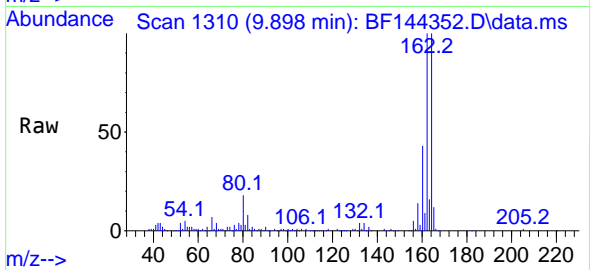




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

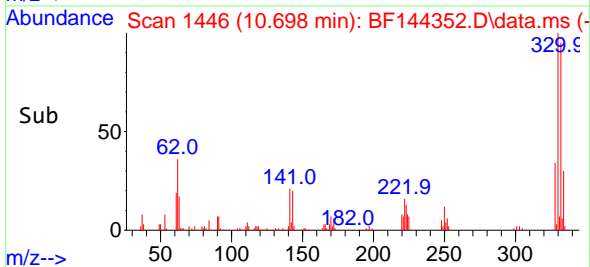
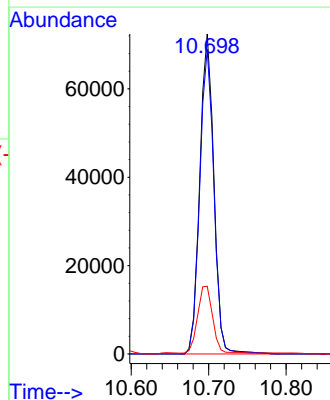
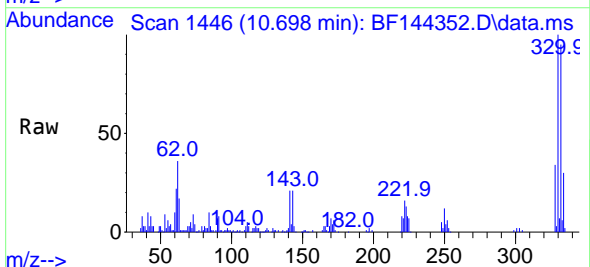
Instrument :
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 ClientSampleId :
 EFF-WW

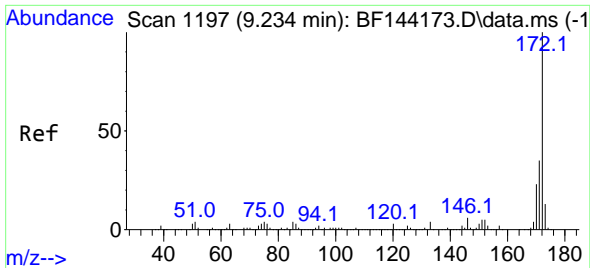
Tgt Ion:164 Resp: 98746
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.1 121.7
 160 42.5 34.5 51.7



#42
 2,4,6-Tribromophenol
 Concen: 73.815 ng
 RT: 10.698 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

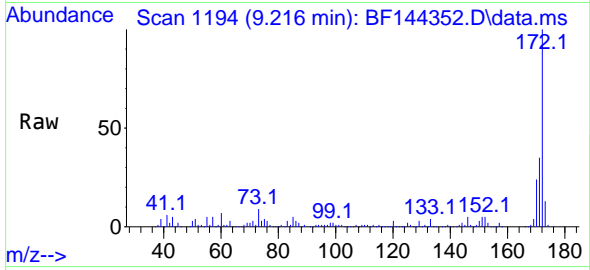
Tgt Ion:330 Resp: 91468
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 22.2 17.8 26.8



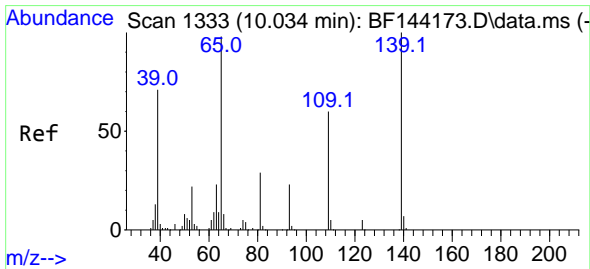
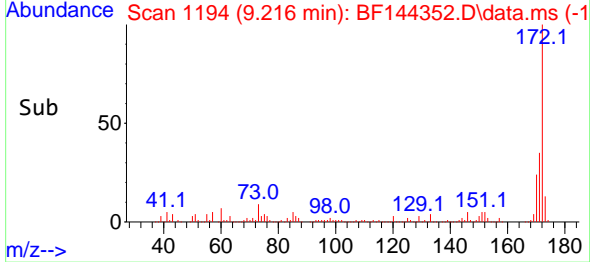
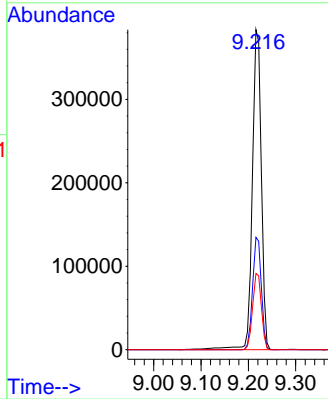


#45
 2-Fluorobiphenyl
 Concen: 76.069 ng
 RT: 9.216 min Scan# 1197
 Delta R.T. -0.012 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Instrument : BNA_F
 ClientSampleId : EFF-WW

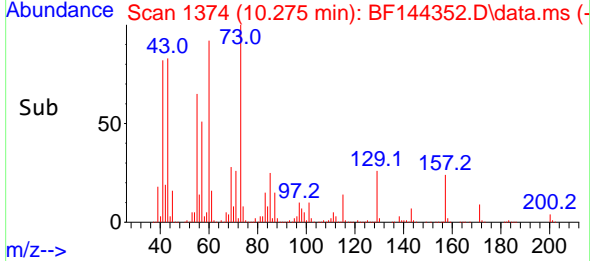
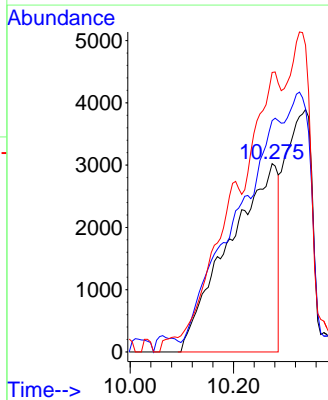
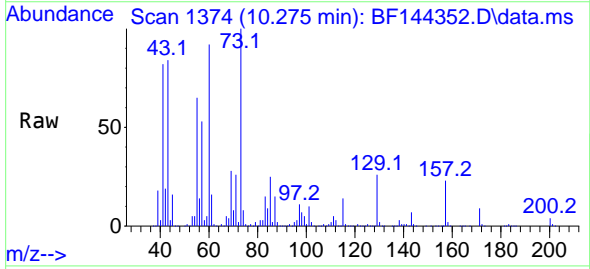


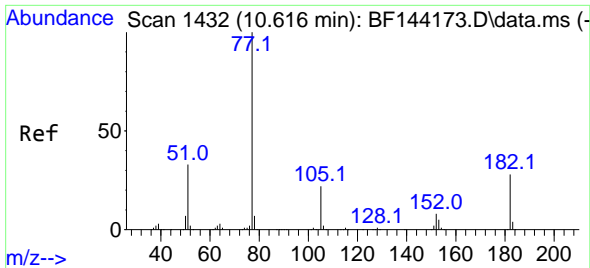
Tgt Ion:172 Resp: 508591
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.1 42.1
 170 23.8 18.6 28.0



#56
 4-Nitrophenol
 Concen: 18.912 ng
 RT: 10.275 min Scan# 1374
 Delta R.T. 0.235 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

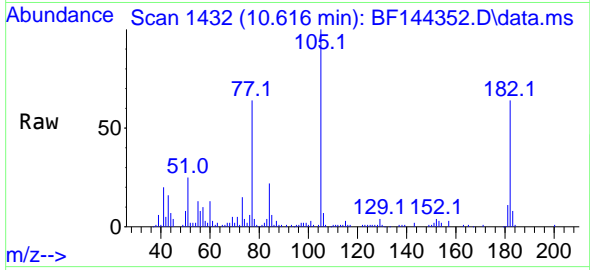
Tgt Ion:139 Resp: 19804
 Ion Ratio Lower Upper
 139 100
 109 122.8 39.9 79.9#
 65 148.4 79.5 119.5#





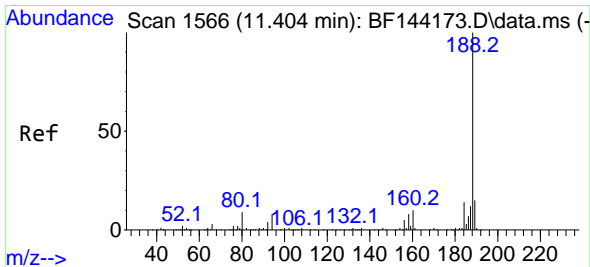
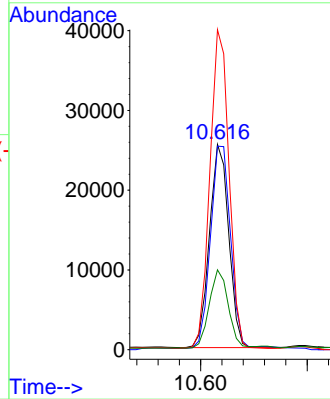
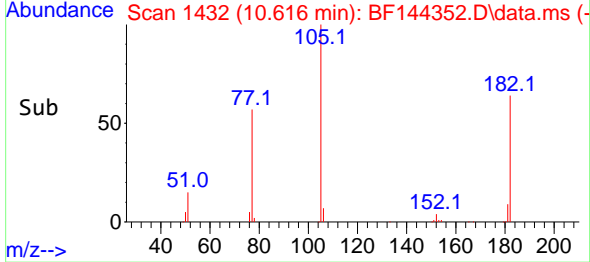
#63
 Azobenzene
 Concen: 5.737 ng
 RT: 10.616 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Instrument :
 BNA_F
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 EFF-WW

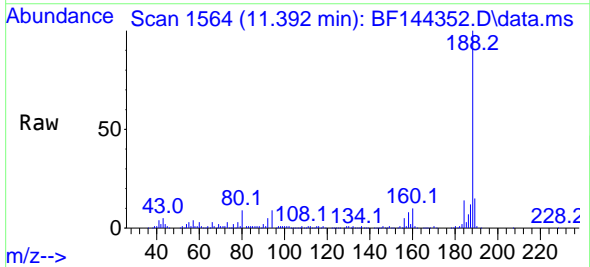


Tgt Ion: 77 Resp: 32199

Ion	Ratio	Lower	Upper
77	100		
182	99.1	8.1	48.1#
105	155.8	2.0	42.0#
51	38.9	13.9	53.9

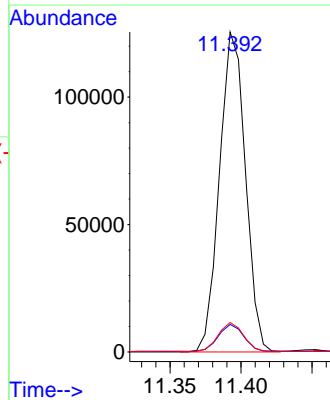
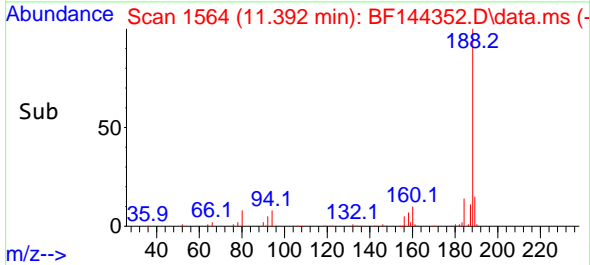


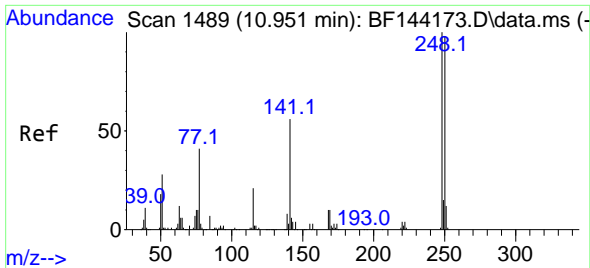
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1564
 Delta R.T. -0.012 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15



Tgt Ion: 188 Resp: 159320

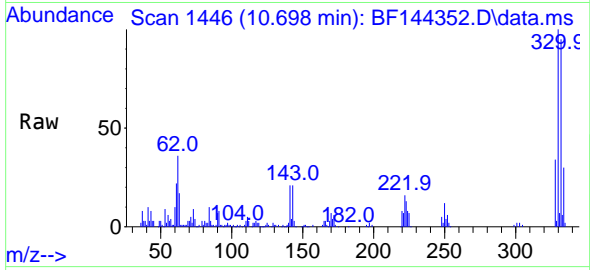
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.2	9.2
80	9.2	6.9	10.3



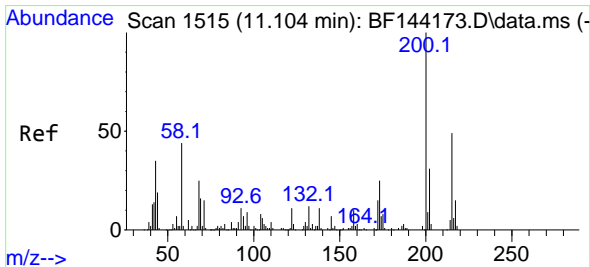
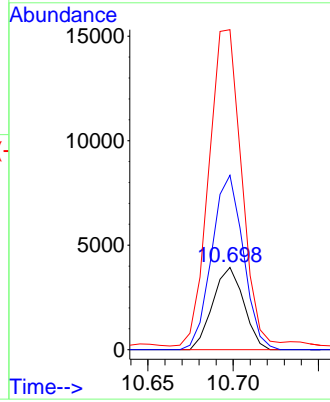
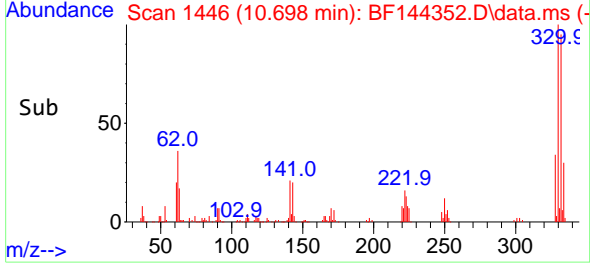


#67
 4-Bromophenyl-phenylether
 Concen: 2.444 ng
 RT: 10.698 min Scan# 1446
 Delta R.T. -0.247 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

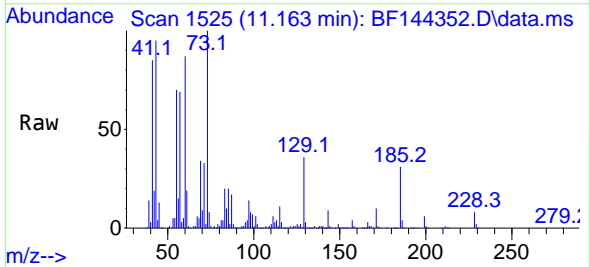
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW



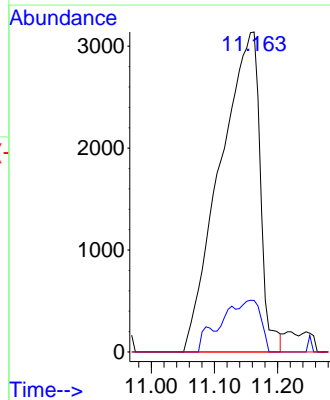
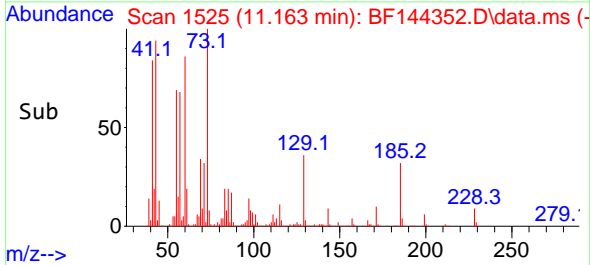
Tgt Ion:248 Resp: 4971
 Ion Ratio Lower Upper
 248 100
 250 211.9 78.4 117.6#
 141 388.8 45.1 67.7#

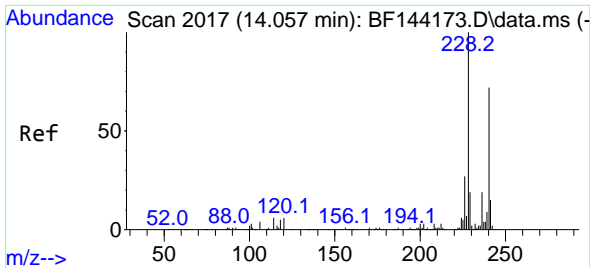


#69
 Atrazine
 Concen: 8.474 ng
 RT: 11.163 min Scan# 1525
 Delta R.T. 0.065 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15



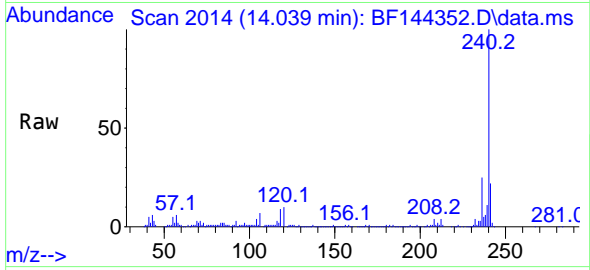
Tgt Ion:200 Resp: 13809
 Ion Ratio Lower Upper
 200 100
 173 16.1 5.0 45.0
 215 0.0 28.7 68.7#



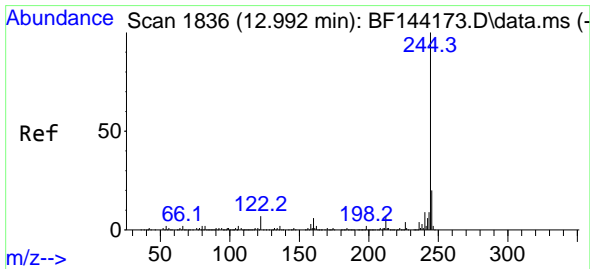
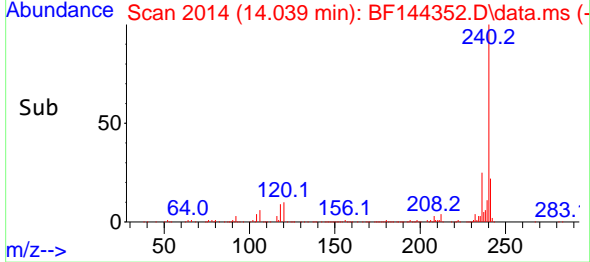
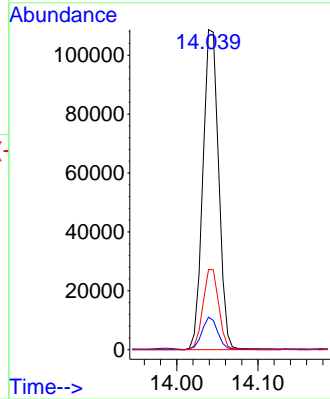


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.039 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

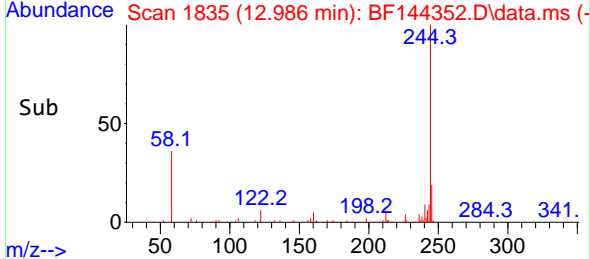
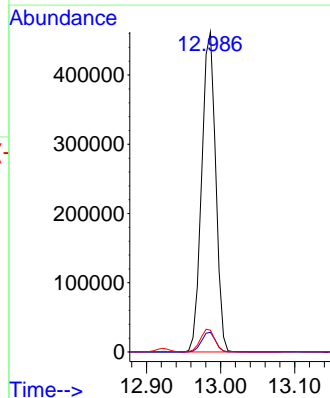
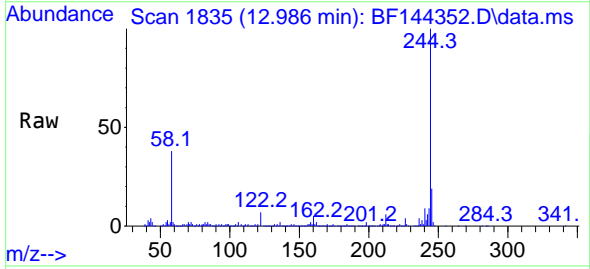


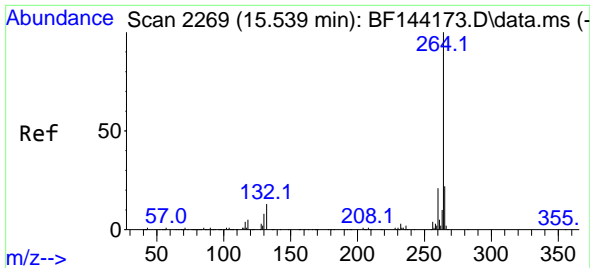
Tgt Ion:240 Resp: 146743
 Ion Ratio Lower Upper
 240 100
 120 10.2 6.6 10.0#
 236 25.1 21.4 32.2



#79
 Terphenyl-d14
 Concen: 65.494 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

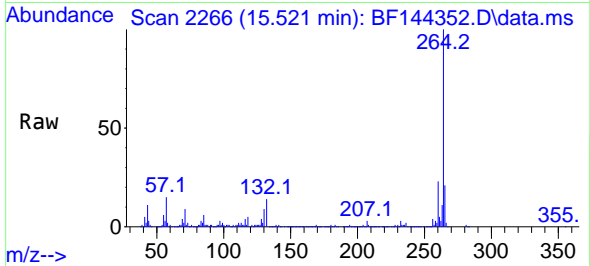
Tgt Ion:244 Resp: 605062
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 6.8 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW



Tgt Ion:264 Resp: 179293

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.1	25.7
265	21.3	17.4	26.0

