

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138336.D
 Acq On : 25 Jun 2024 16:06
 Operator : CG\JU
 Sample : P3021-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-008

Quant Time: Jun 25 16:27:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

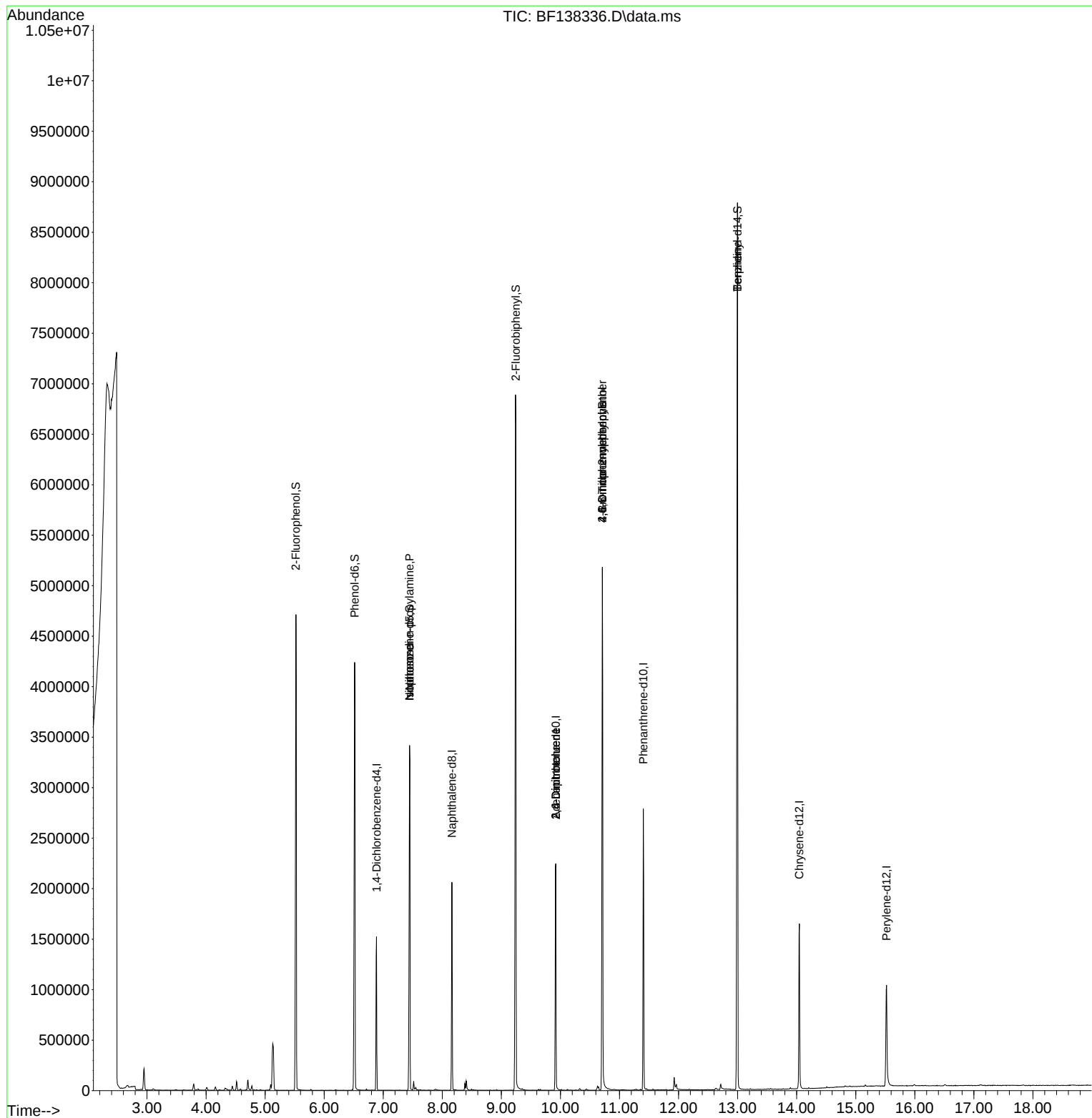
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	221991	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	883805	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	516731	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	995052	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	596115	20.000	ng	0.00
86) Perylene-d12	15.521	264	551771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1536780	115.805	ng	0.01
7) Phenol-d6	6.516	99	1797013	106.791	ng	0.00
23) Nitrobenzene-d5	7.445	82	1300667	85.675	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	784506	152.504	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2541435	78.208	ng	0.00
79) Terphenyl-d14	12.998	244	3456099	91.826	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	175070	17.552	ng	# 75
25) Isophorone	7.445	82	1298978	47.304	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	67704	9.857	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	67705	7.992	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1633	7.210	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	49635	4.427	ng	# 1
77) Benzidine	12.998	184	44247	6.417	ng	# 95

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

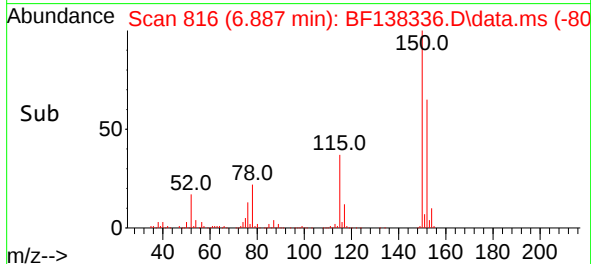
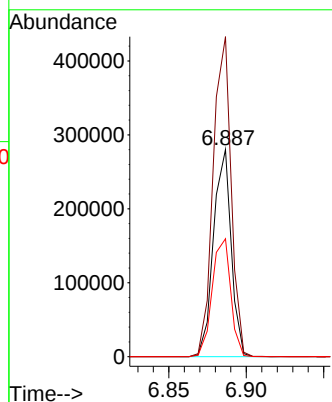
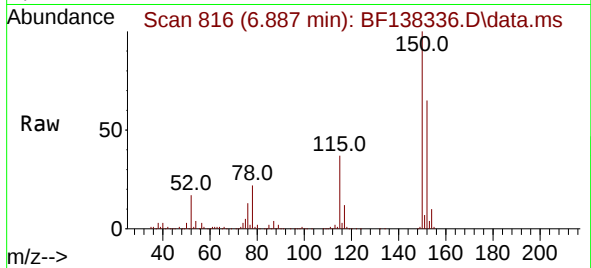




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

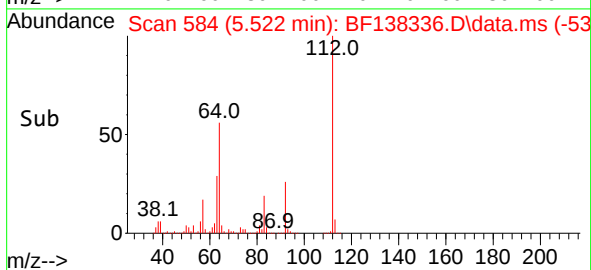
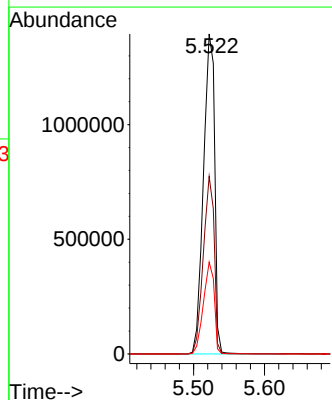
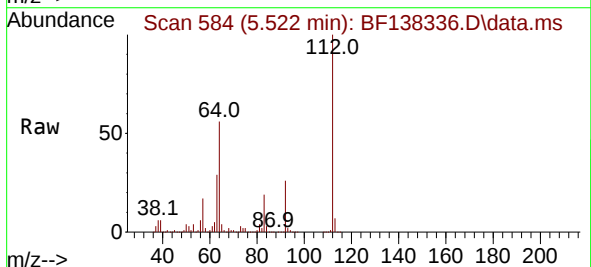
Instrument :
BNA_F
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ARS20-008

Tgt Ion:152 Resp: 221991
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 56.9 48.4 72.6



#5
2-Fluorophenol
Concen: 115.805 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion:112 Resp: 1536780
Ion Ratio Lower Upper
112 100
64 55.5 45.2 67.8
63 28.7 22.9 34.3

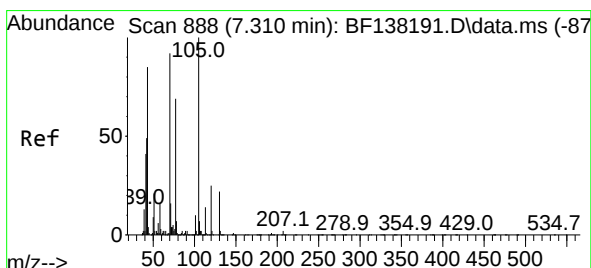
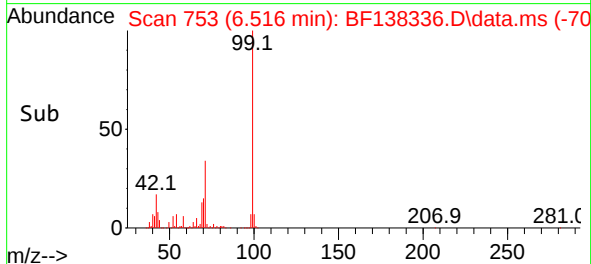
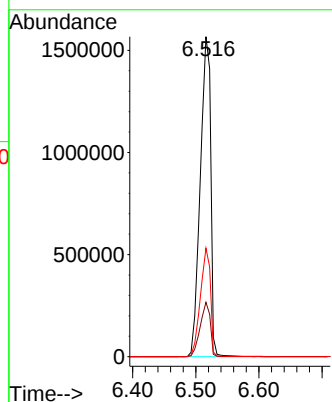
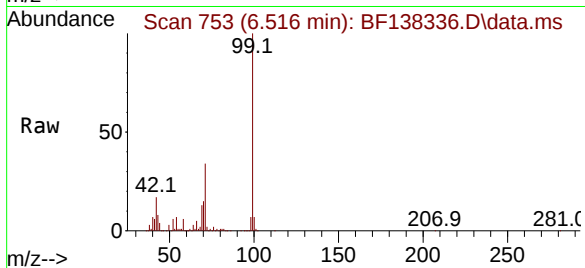




#7
Phenol-d6
Concen: 106.791 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

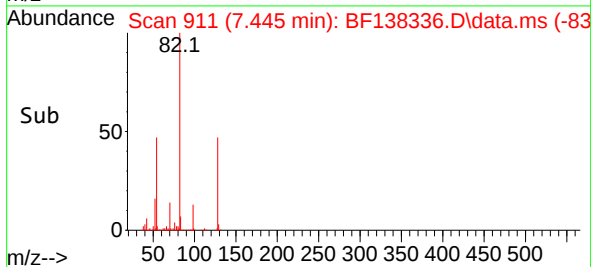
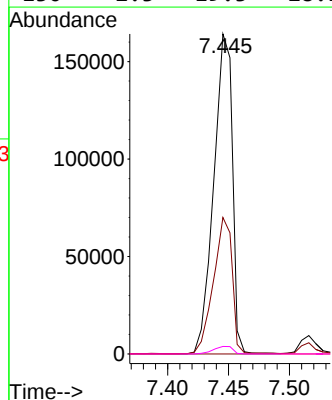
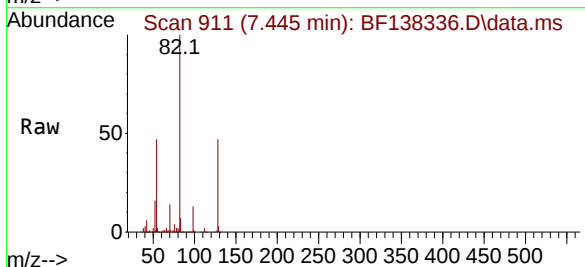
Instrument :
BNA_F
ClientSampleId :
ARS20-008

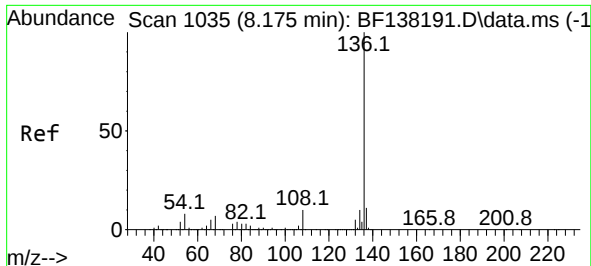
Tgt Ion: 99 Resp: 1797013
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 33.9 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.552 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion: 70 Resp: 175070
Ion Ratio Lower Upper
70 100
42 42.6 42.8 64.2#
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

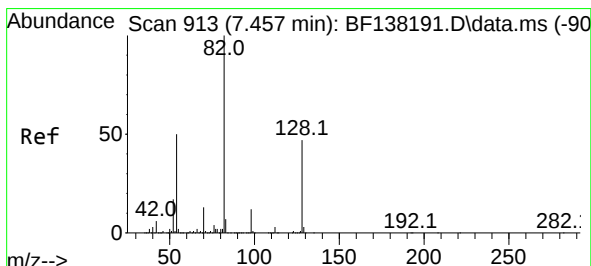
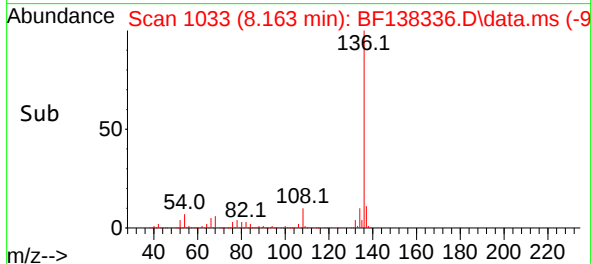
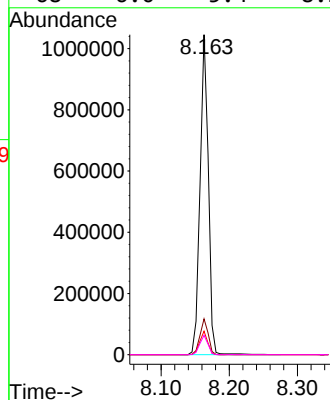
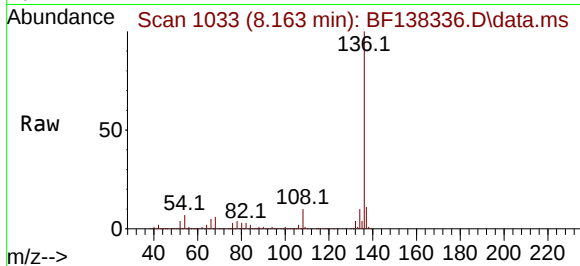




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

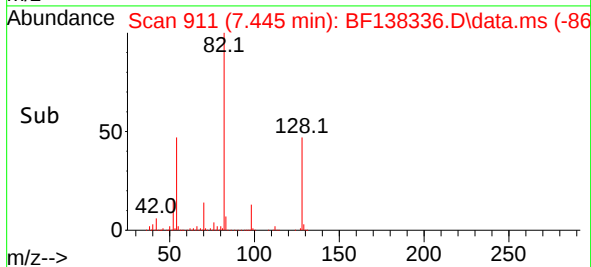
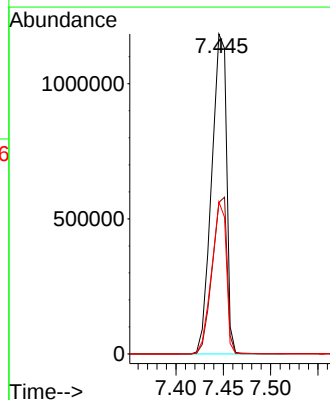
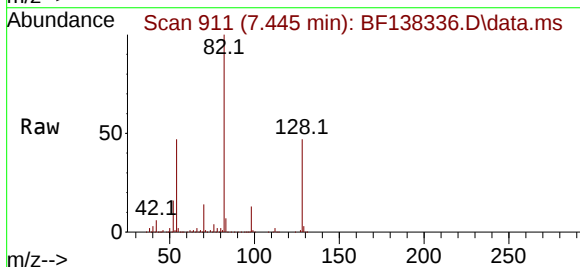
Instrument :
BNA_F
ClientSampleId :
ARS20-008

Tgt Ion:	136	Resp:	883805
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	6.6	10.0
68	6.0	5.4	8.2



#23
Nitrobenzene-d5
Concen: 85.675 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion:	82	Resp:	1300667
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.2	55.8
54	47.5	39.8	59.6

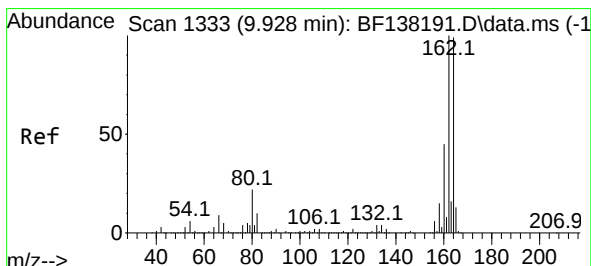
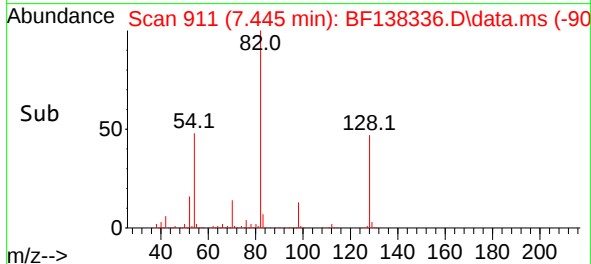
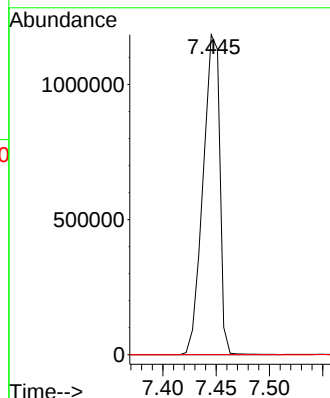
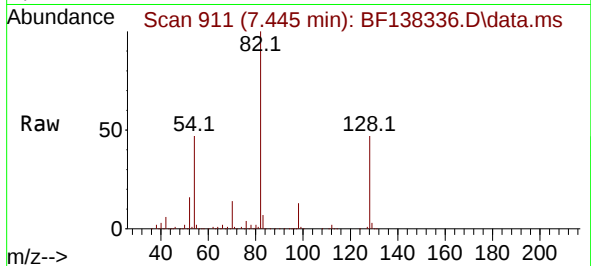




#25
Isophorone
Concen: 47.304 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

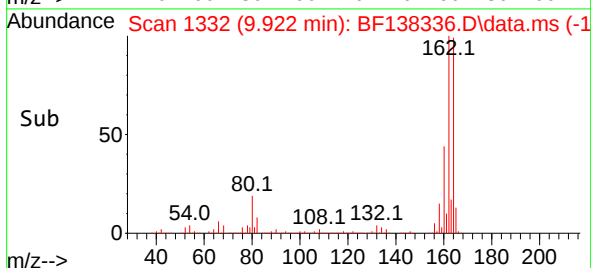
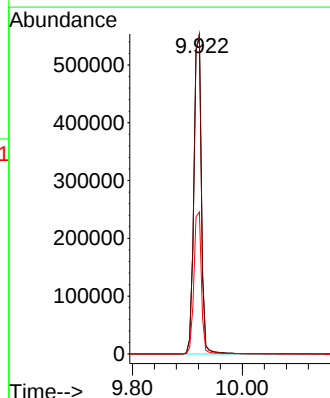
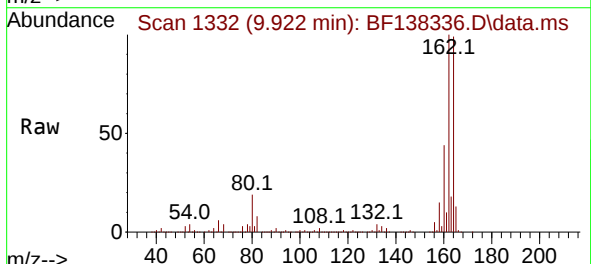
Instrument :
BNA_F
ClientSampleId :
ARS20-008

Tgt Ion: 82 Resp: 1298978
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

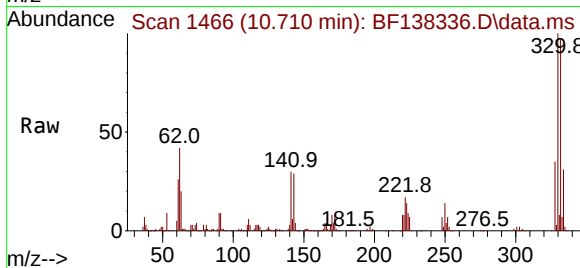
Tgt Ion:164 Resp: 516731
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 44.8 36.3 54.5



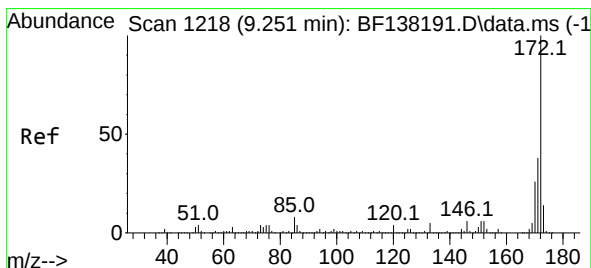
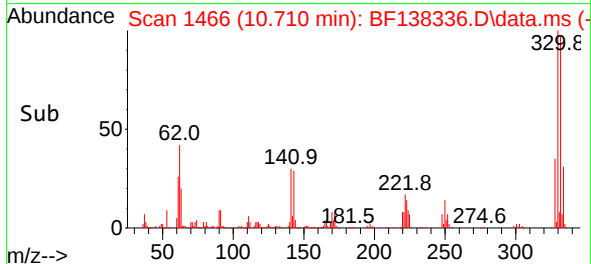
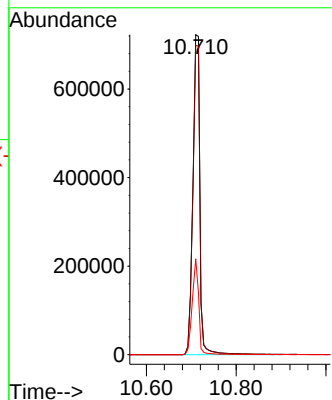


#42
2,4,6-Tribromophenol
Concen: 152.504 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Instrument :
BNA_F
ClientSampleId :
ARS20-008

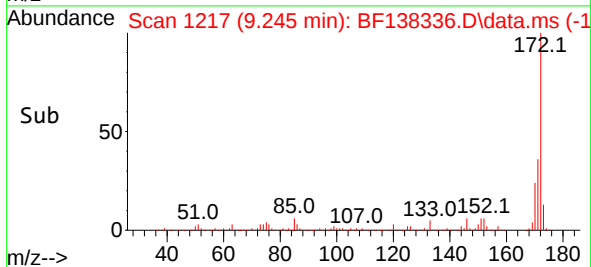
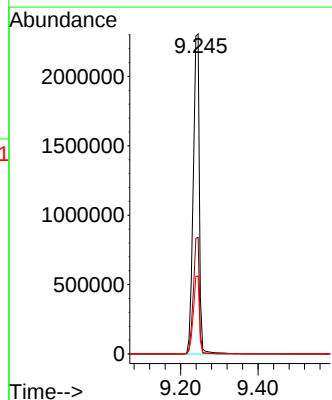
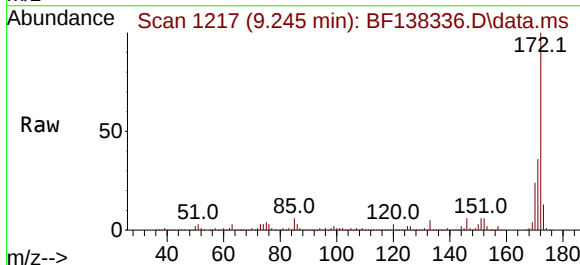


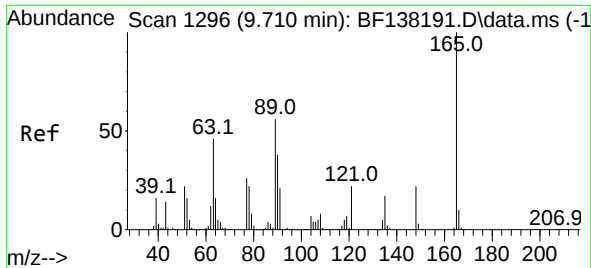
Tgt Ion:330 Resp: 784506
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 27.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 78.208 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion:172 Resp: 2541435
Ion Ratio Lower Upper
172 100
171 36.4 30.3 45.5
170 24.4 20.6 30.8

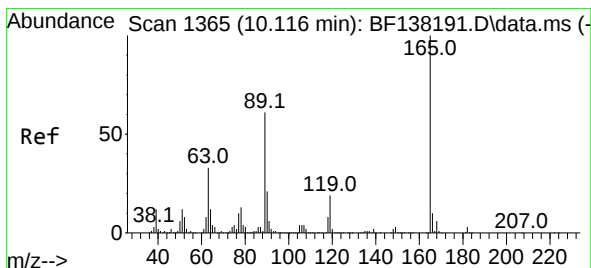
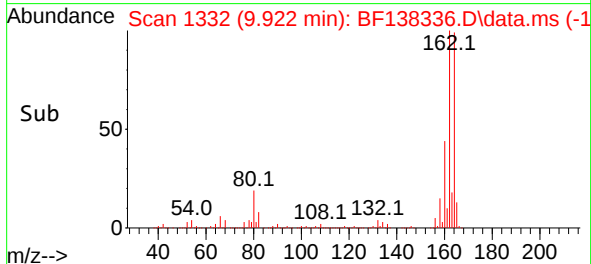
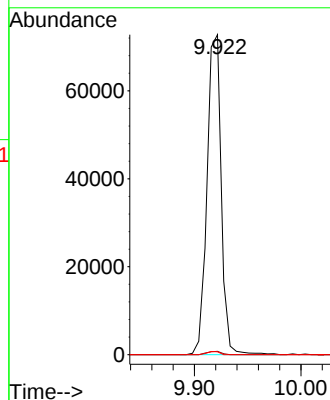
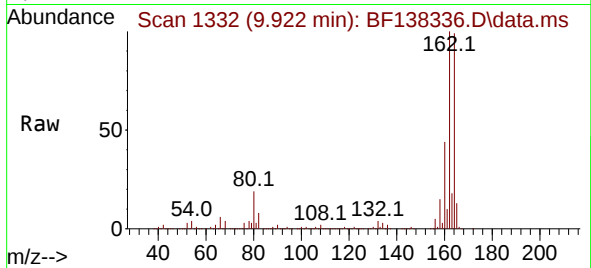




#51
2,6-Dinitrotoluene
Concen: 9.857 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

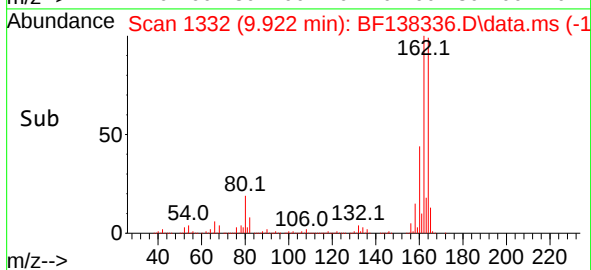
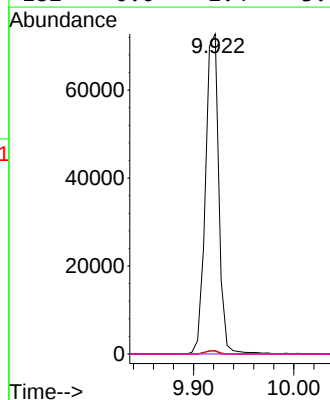
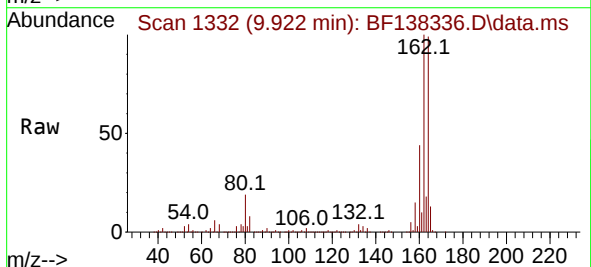
Instrument :
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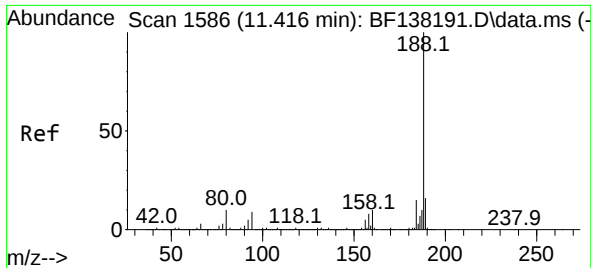
Tgt Ion:165 Resp: 67704
Ion Ratio Lower Upper
165 100
63 1.0 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.992 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion:165 Resp: 67705
Ion Ratio Lower Upper
165 100
63 1.0 26.6 39.8#
89 0.9 48.7 73.1#
182 0.0 2.4 3.6#

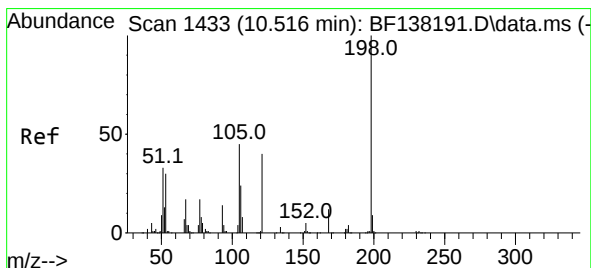
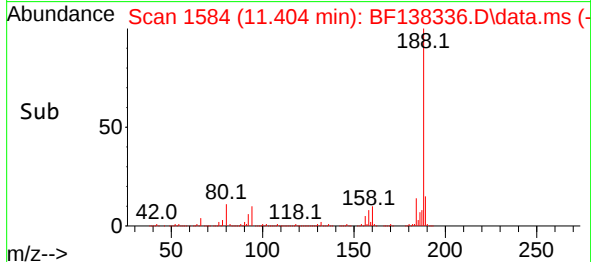
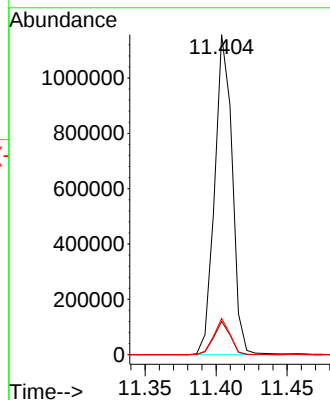
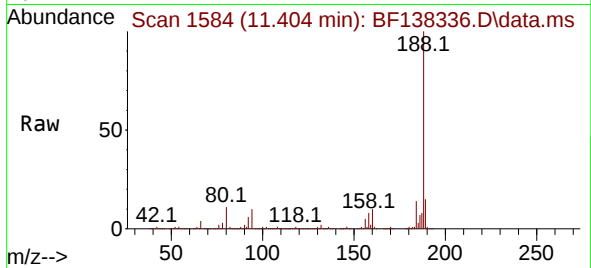




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

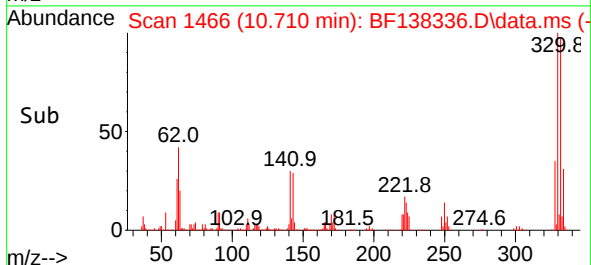
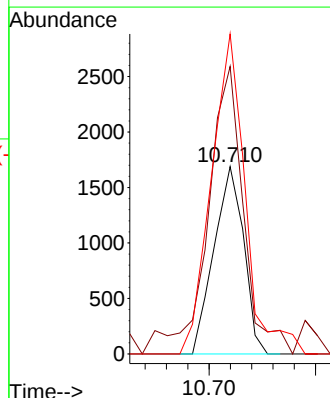
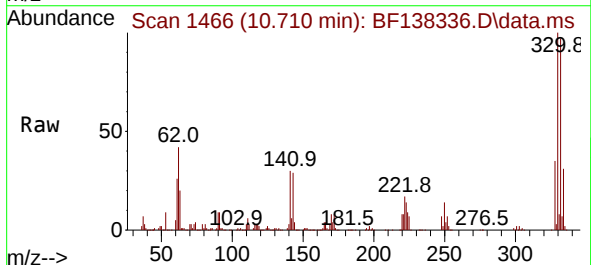
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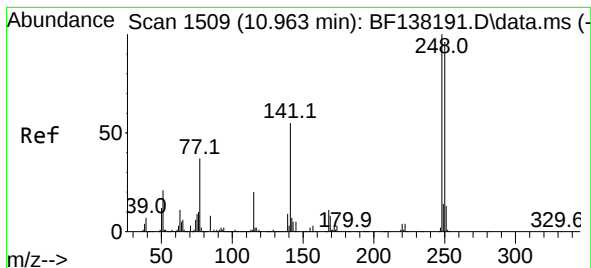
Tgt Ion:188 Resp: 995052
Ion Ratio Lower Upper
188 100
94 10.4 7.6 11.4
80 11.3 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.210 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion:198 Resp: 1633
Ion Ratio Lower Upper
198 100
51 153.4 26.9 66.9#
105 170.8 26.0 66.0#

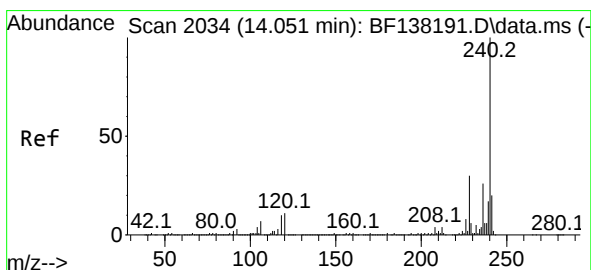
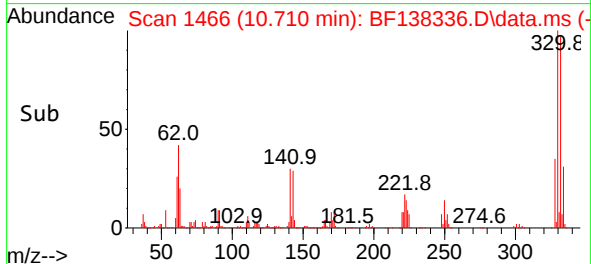
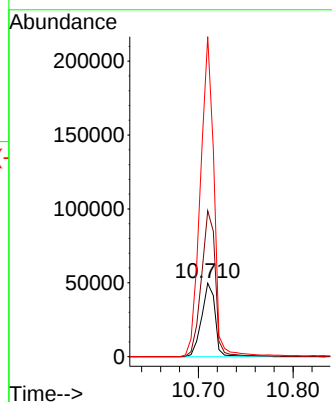
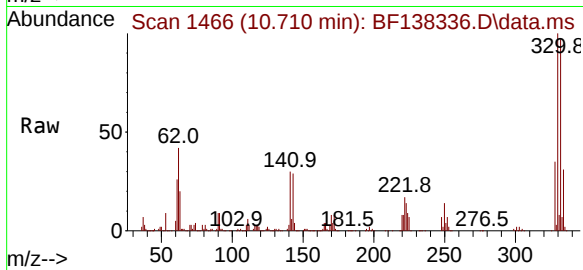




#67
4-Bromophenyl-phenylether
Concen: 4.427 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

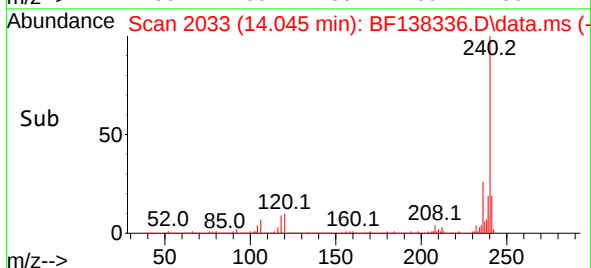
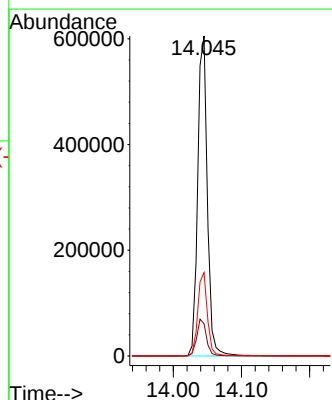
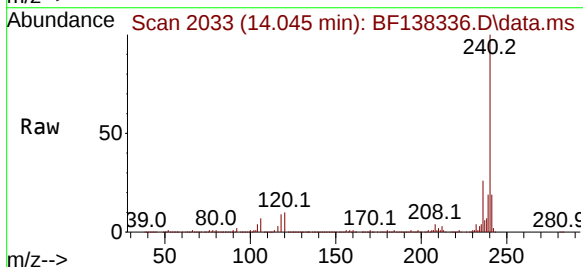
Instrument :
BNA_F
ClientSampleId :
ARS20-008

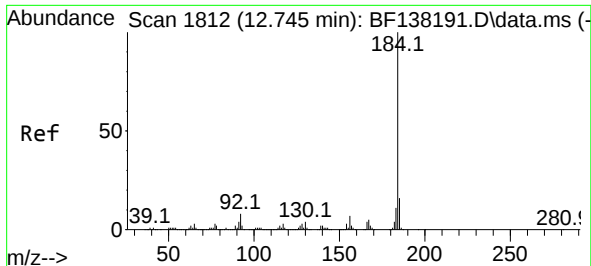
Tgt Ion:248 Resp: 49635
Ion Ratio Lower Upper
248 100
250 198.7 77.2 115.8#
141 435.7 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Tgt Ion:240 Resp: 596115
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 26.1 21.0 31.6

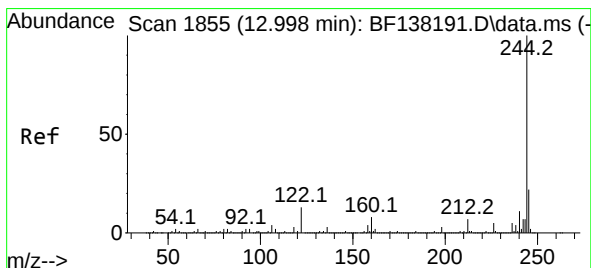
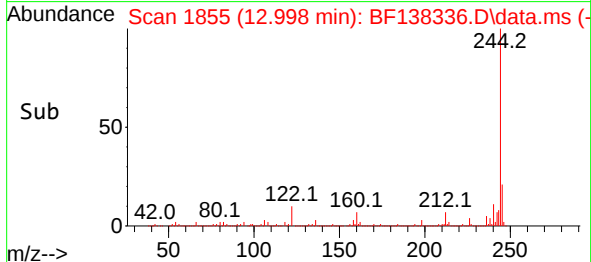
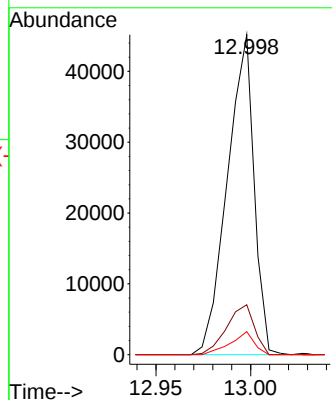
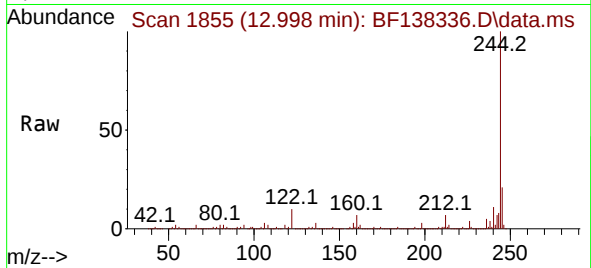




#77
Benzidine
Concen: 6.417 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

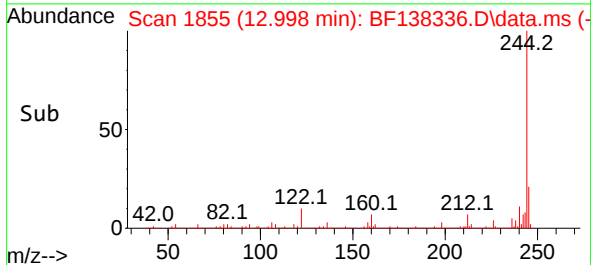
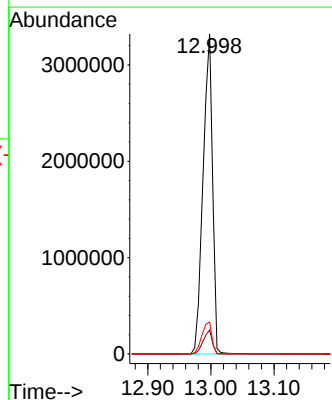
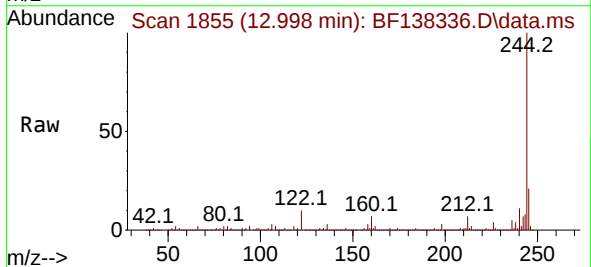
Instrument :
BNA_F
ClientSampleId :
ARS20-008

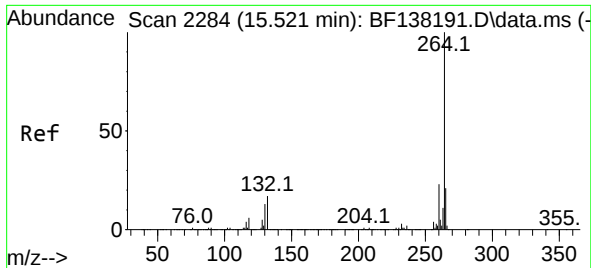
Tgt Ion:184 Resp: 44247
Ion Ratio Lower Upper
184 100
185 15.6 12.6 19.0
183 7.2 9.0 13.6#



#79
Terphenyl-d14
Concen: 91.826 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

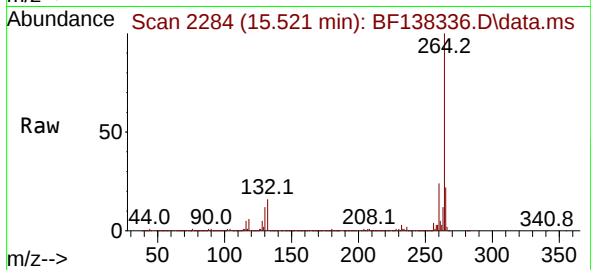
Tgt Ion:244 Resp: 3456099
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.0 10.6 15.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138336.D
Acq: 25 Jun 2024 16:06

Instrument :
BNA_F
ClientSampleId :
ARS20-008



Tgt Ion:264 Resp: 551771

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.6	17.0	25.6

