

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140643.D
 Acq On : 26 Nov 2024 15:48
 Operator : RC/JU
 Sample : P4985-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WC

Quant Time: Nov 26 16:33:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

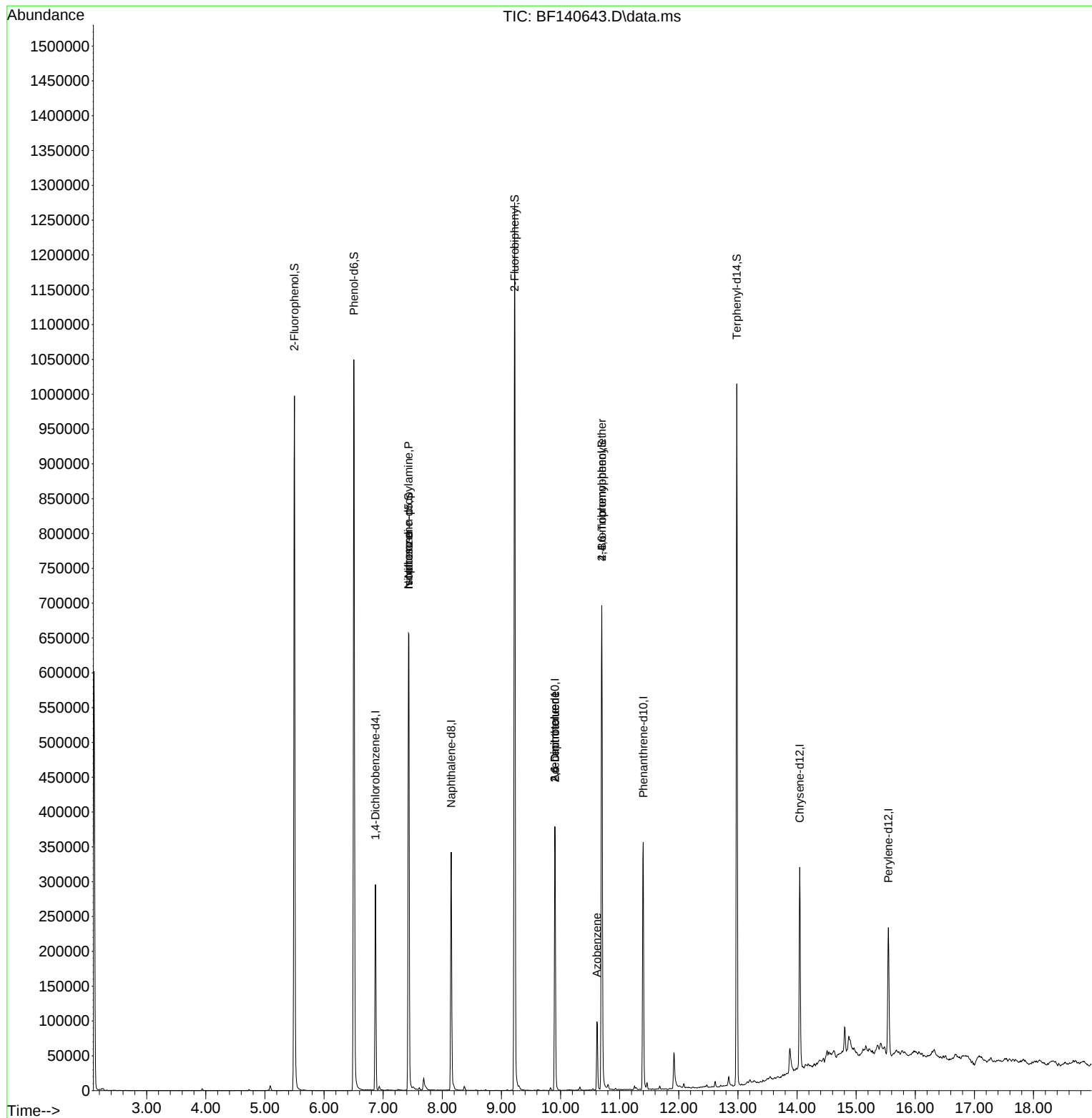
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	61737	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	223465	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	118471	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	203969	20.000	ng	0.00
76) Chrysene-d12	14.045	240	137103	20.000	ng	0.00
86) Perylene-d12	15.545	264	110754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	380364	105.120	ng	0.00
7) Phenol-d6	6.504	99	493814	103.231	ng	-0.01
23) Nitrobenzene-d5	7.428	82	313761	71.819	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	124648	98.376	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	570917	71.801	ng	-0.01
79) Terphenyl-d14	12.980	244	479836	54.497	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.428	70	42132	14.903	ng	# 77
25) Isophorone	7.428	82	307557	42.207	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	14211	8.031	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	14211	6.043	ng	# 17
63) Azobenzene	10.616	77	27086	3.608	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8407	4.002	ng	# 1

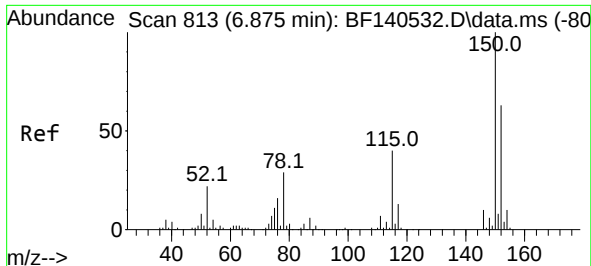
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

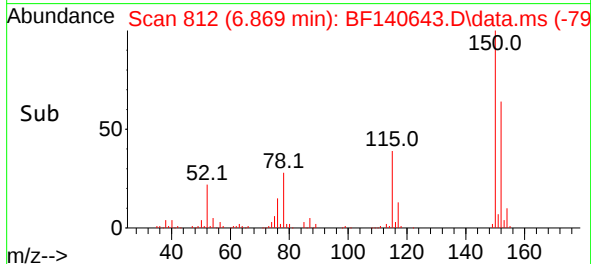
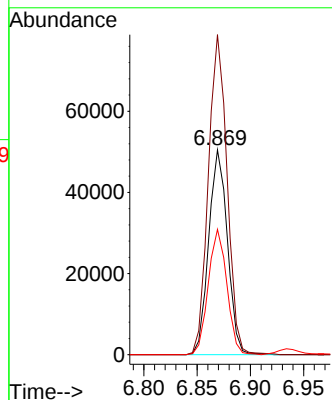
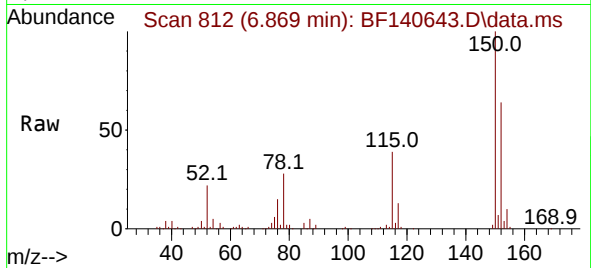




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

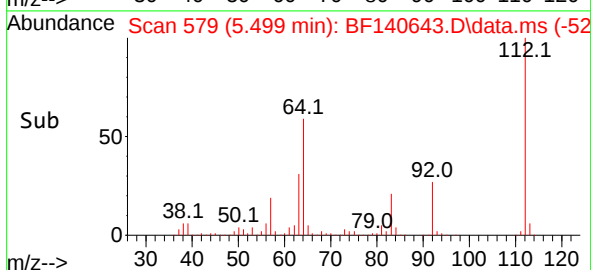
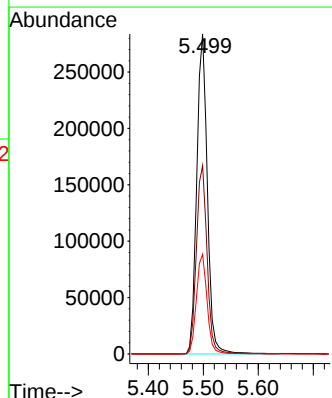
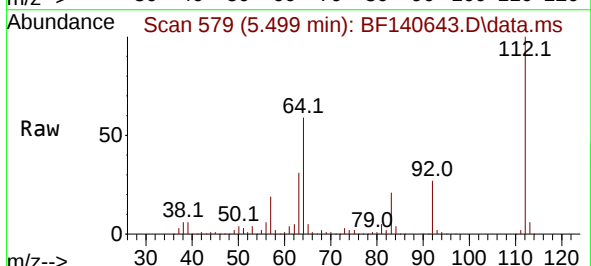
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

Tgt Ion:152 Resp: 61737
Ion Ratio Lower Upper
152 100
150 156.2 128.5 192.7
115 61.2 50.2 75.4



#5
2-Fluorophenol
Concen: 105.120 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion:112 Resp: 380364
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.1 27.0 40.4

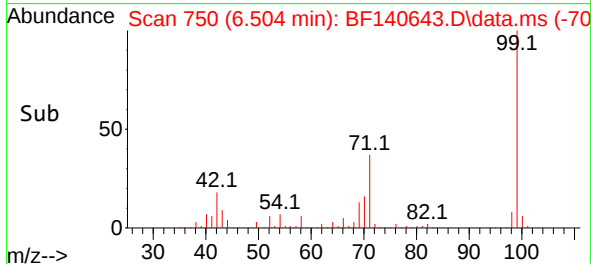
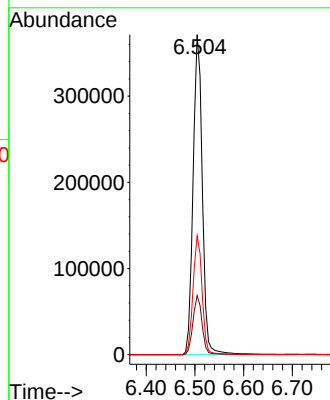
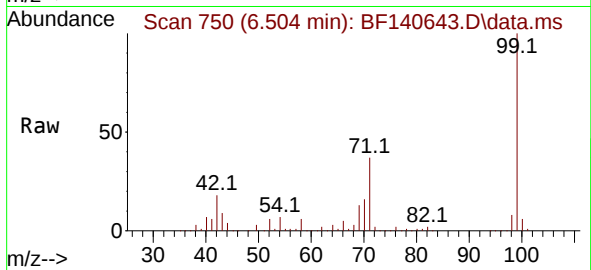




#7
Phenol-d6
Concen: 103.231 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

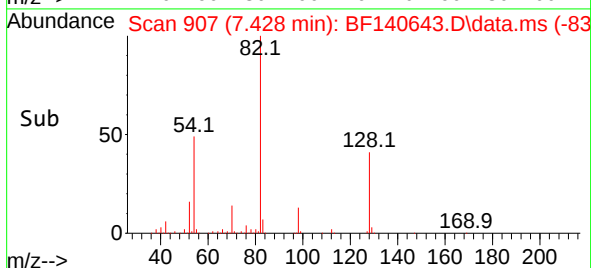
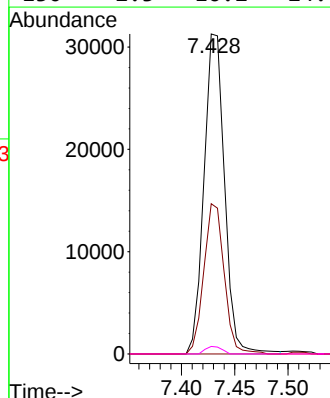
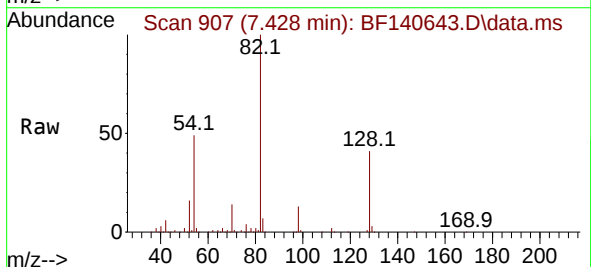
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

Tgt Ion: 99 Resp: 493814
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.903 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion: 70 Resp: 42132
Ion Ratio Lower Upper
70 100
42 47.0 47.6 71.4#
101 0.0 7.6 11.4#
130 2.3 16.2 24.4#

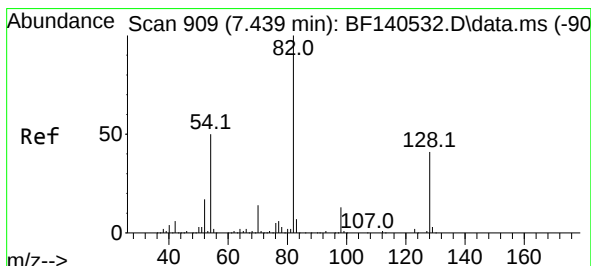
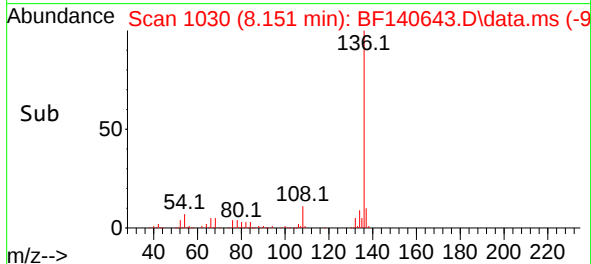
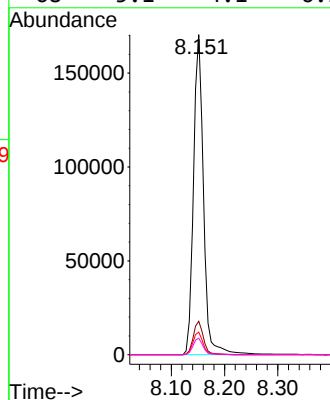
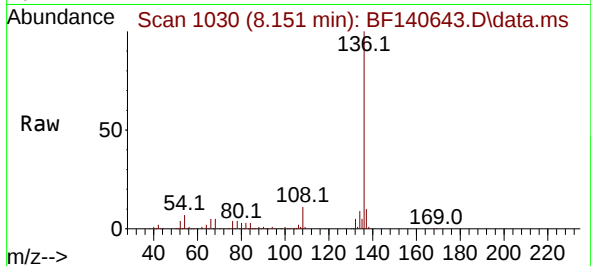




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

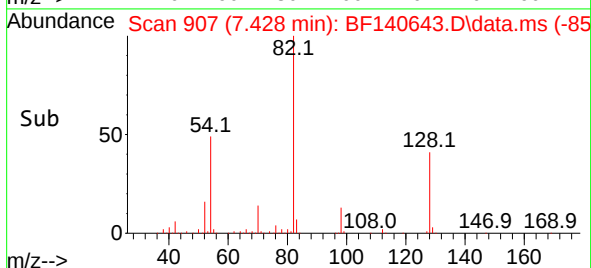
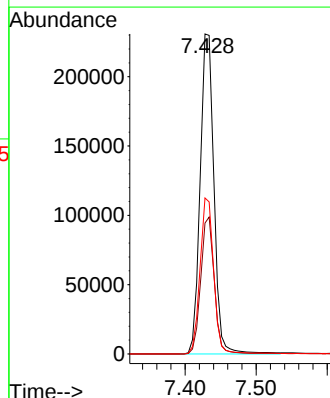
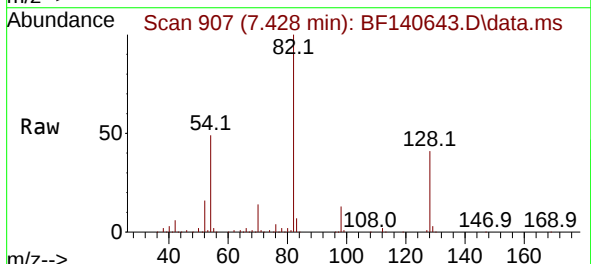
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

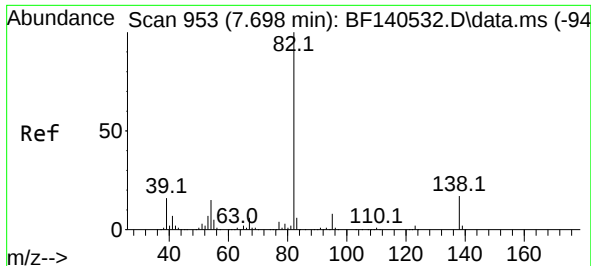
Tgt Ion:	136	Resp:	223465
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.0	5.8	8.8
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 71.819 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion:	82	Resp:	313761
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	48.8	39.5	59.3

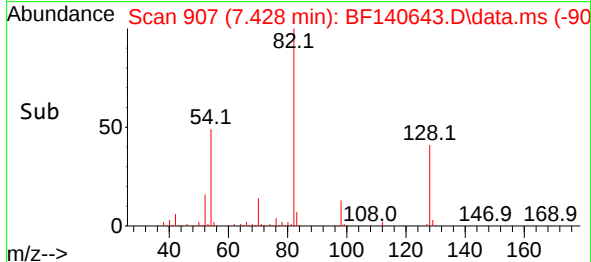
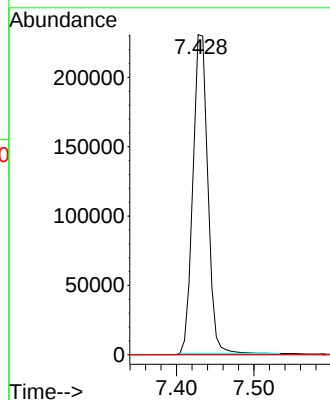
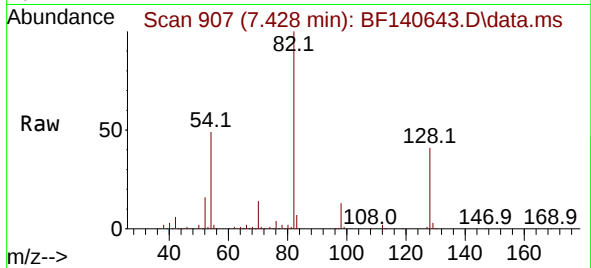




#25
Isophorone
Concen: 42.207 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

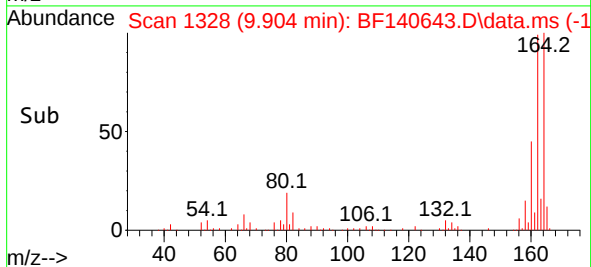
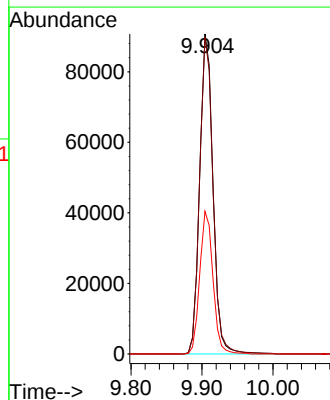
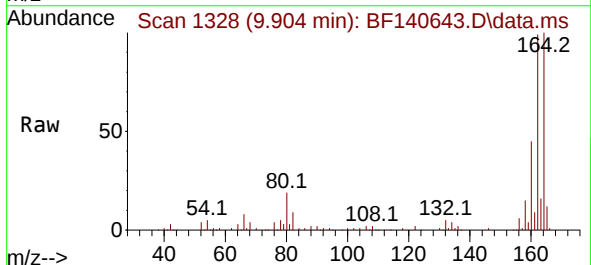
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

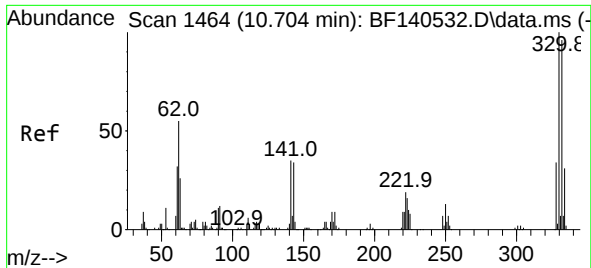
Tgt Ion: 82 Resp: 307557
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

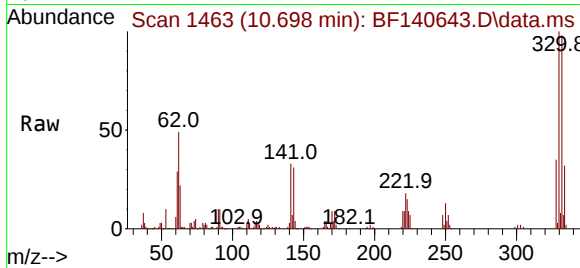
Tgt Ion: 164 Resp: 118471
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 44.6 36.2 54.4



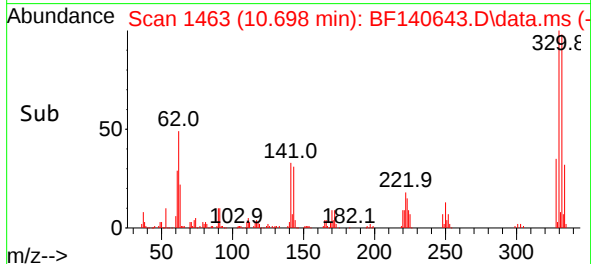
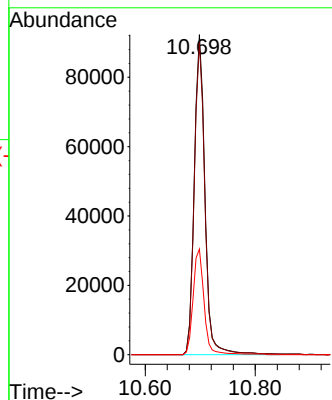


#42
2,4,6-Tribromophenol
Concen: 98.376 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Instrument :
BNA_F
ClientSampleId :
MH-756-WC

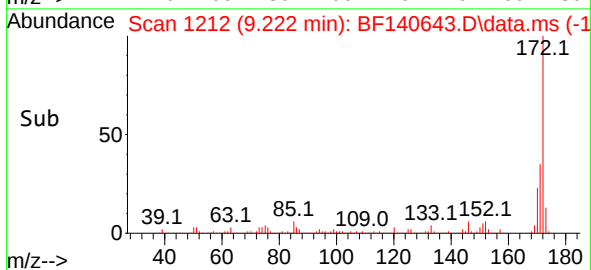
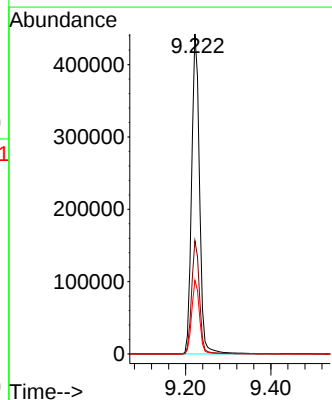
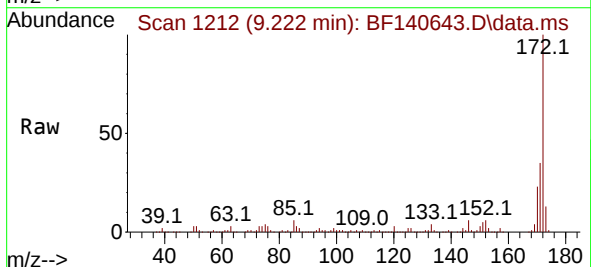


Tgt Ion:330 Resp: 124648
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 33.6 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 71.801 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion:172 Resp: 570917
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.0 19.0 28.6

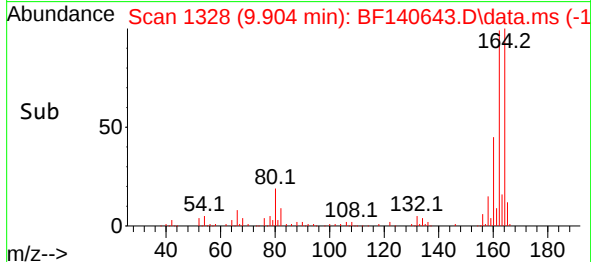
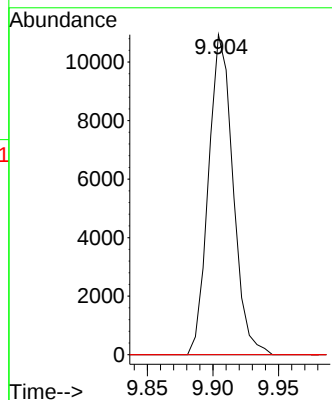
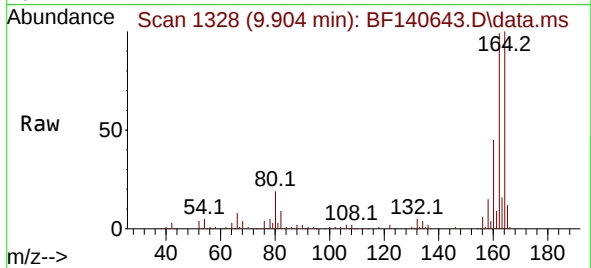




#51
2,6-Dinitrotoluene
Concen: 8.031 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

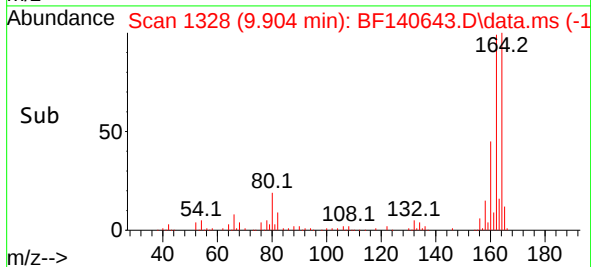
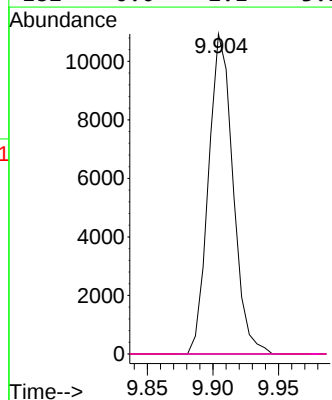
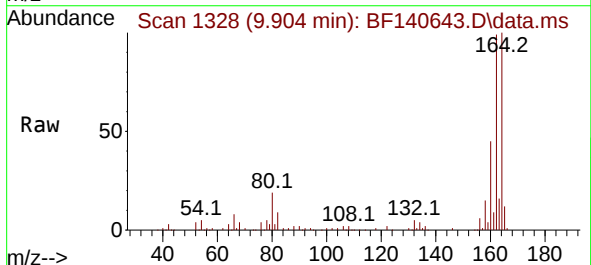
Instrument :
BNA_F
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MH-756-WC

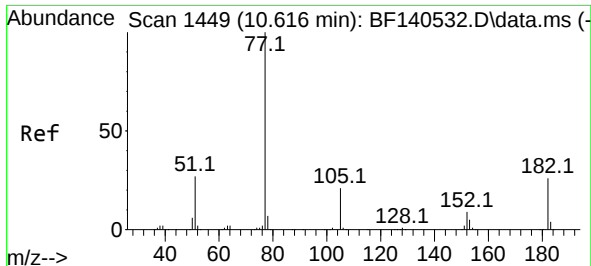
Tgt Ion:165 Resp: 14211
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.043 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion:165 Resp: 14211
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#

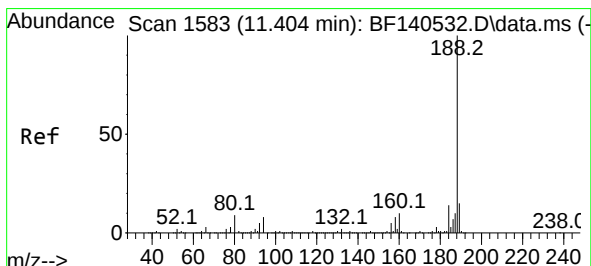
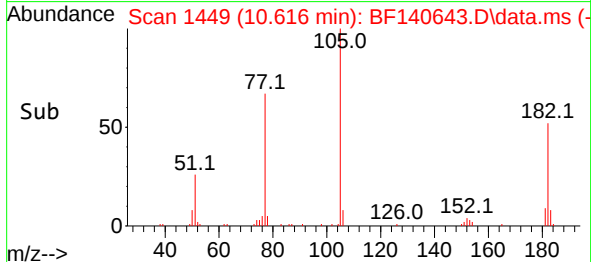
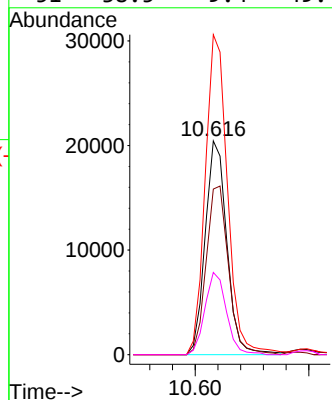
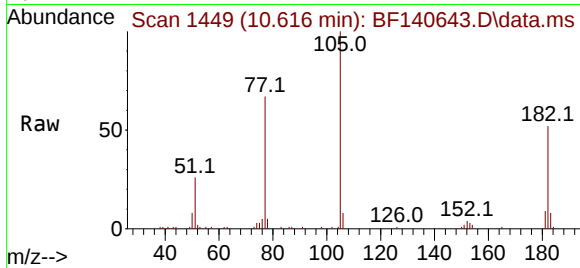




#63
Azobenzene
Concen: 3.608 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

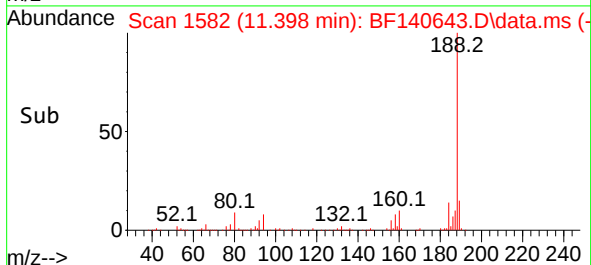
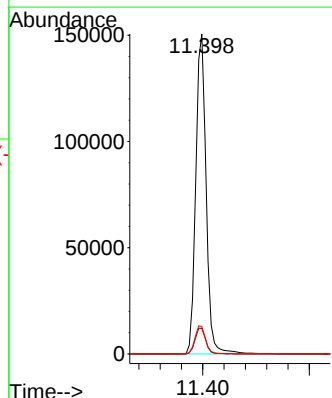
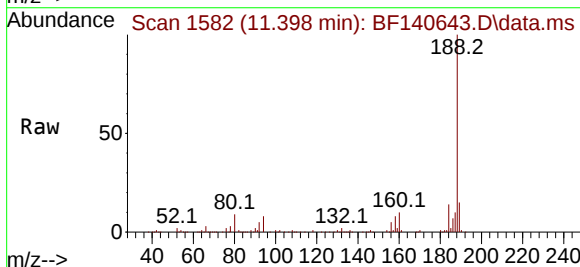
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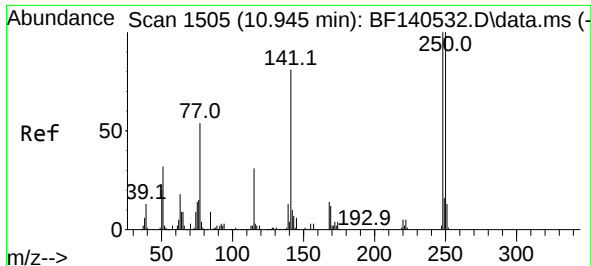
Tgt Ion: 77	Resp: 27086
Ion Ratio	Lower Upper
77 100	
182 77.5	5.3 45.3#
105 149.6	0.3 40.3#
51 38.5	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion: 188	Resp: 203969
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 8.6	6.9 10.3

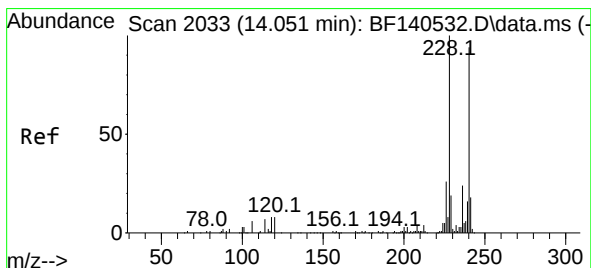
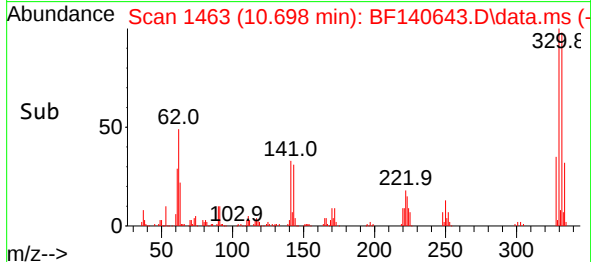
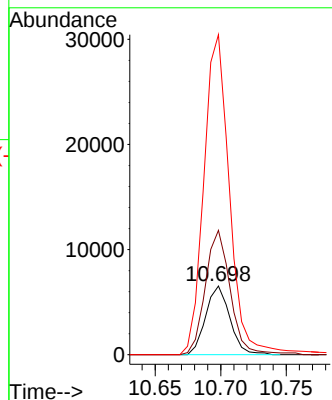
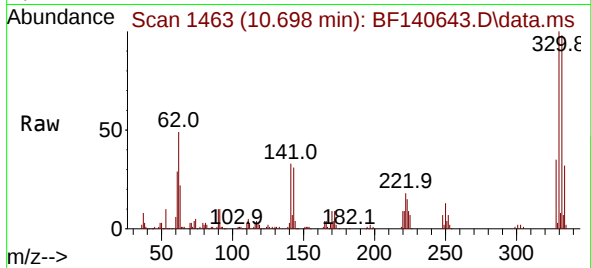




#67
4-Bromophenyl-phenylether
Concen: 4.002 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

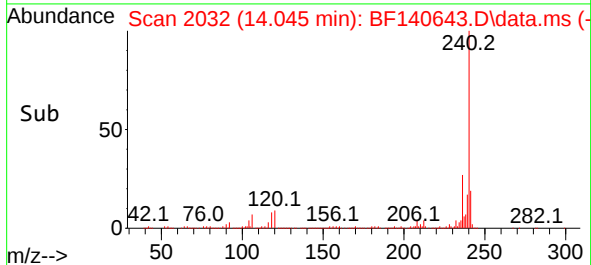
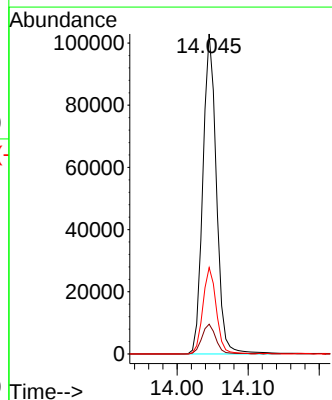
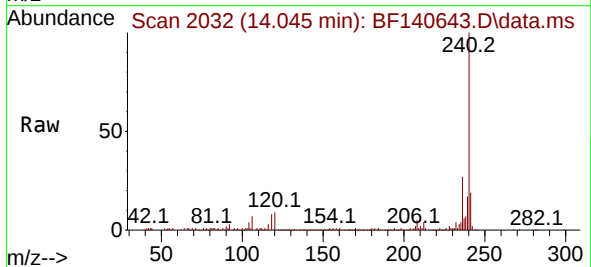
Instrument :
BNA_F
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MH-756-WC

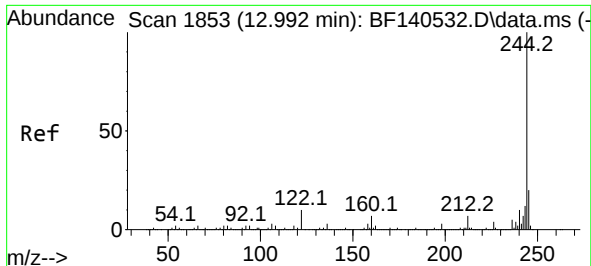
Tgt Ion:248 Resp: 8407
Ion Ratio Lower Upper
248 100
250 181.0 79.8 119.8#
141 466.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

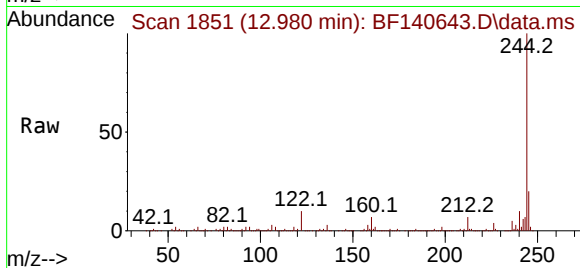
Tgt Ion:240 Resp: 137103
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 27.0 20.6 31.0



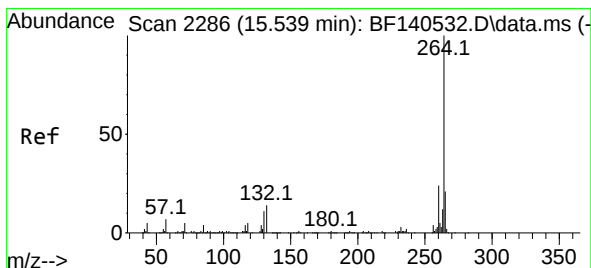
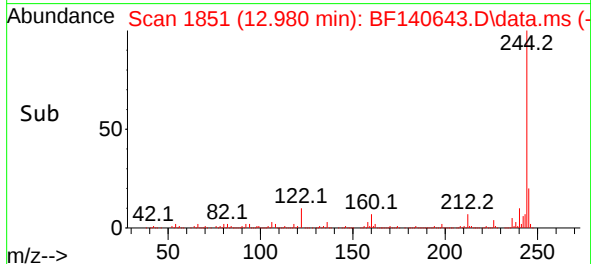
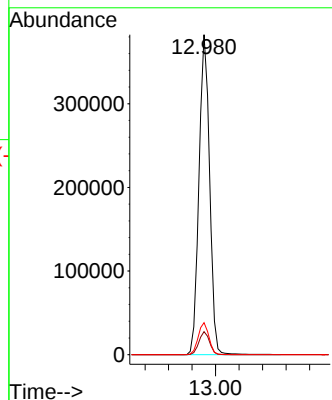


#79
Terphenyl-d14
Concen: 54.497 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Instrument :
BNA_F
ClientSampleId :
MH-756-WC



Tgt Ion:244 Resp: 479836
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.0 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140643.D
Acq: 26 Nov 2024 15:48

Tgt Ion:264 Resp: 110754
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.4 16.6 25.0

