

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140571.D
 Acq On : 22 Nov 2024 12:28
 Operator : RC/JU
 Sample : P4925-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-741

Quant Time: Nov 22 12:50:48 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)

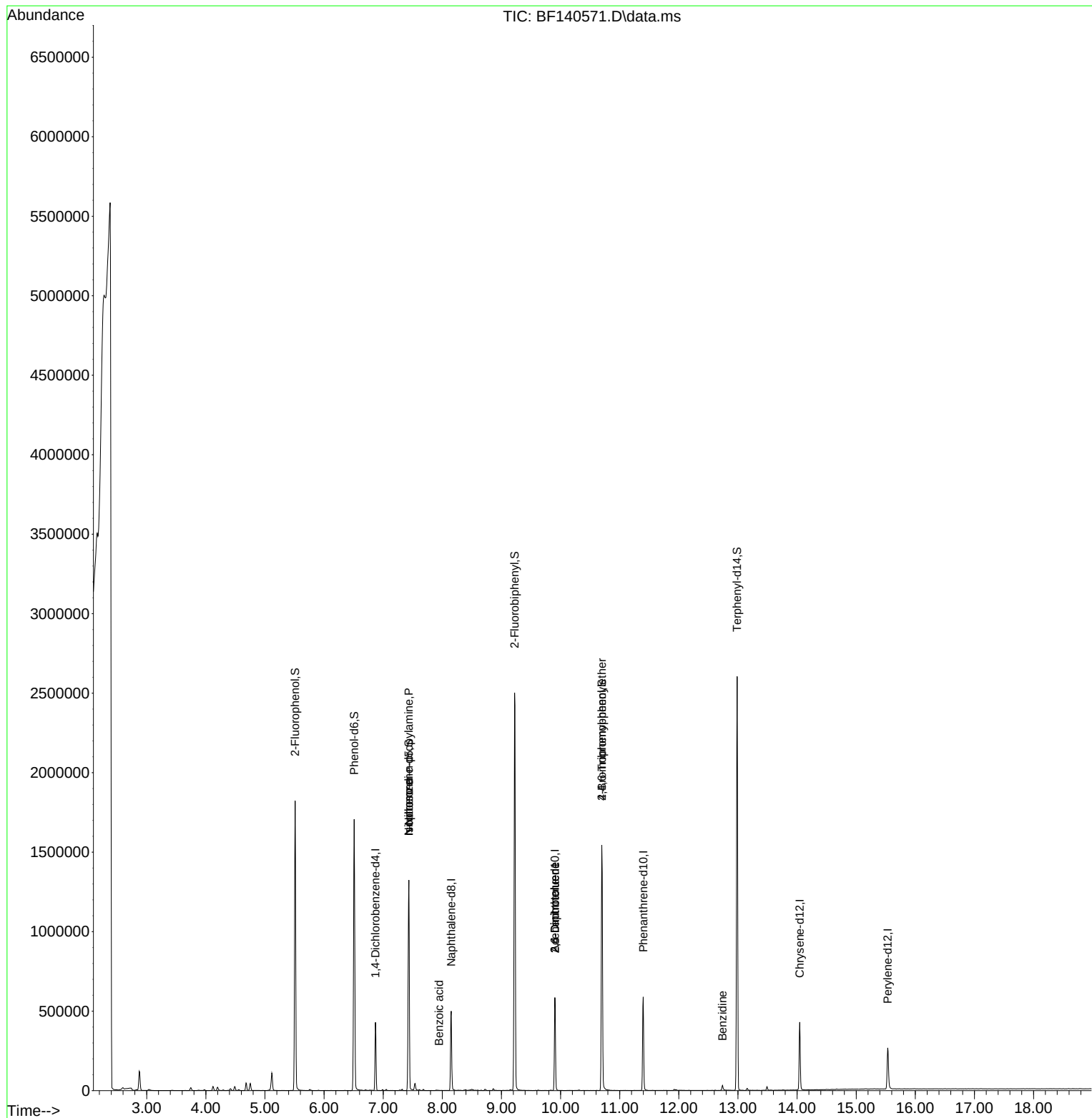
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	88384	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	332168	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	179805	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	330443	20.000	ng	0.00
76) Chrysene-d12	14.045	240	210042	20.000	ng	0.00
86) Perylene-d12	15.533	264	170783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	686098	132.448	ng	0.01
7) Phenol-d6	6.510	99	822125	120.049	ng	0.00
23) Nitrobenzene-d5	7.434	82	620169	95.499	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	279517	145.353	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1180564	97.827	ng	-0.01
79) Terphenyl-d14	12.986	244	1300992	96.448	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	85505	21.126	ng	# 74
25) Isophorone	7.434	82	612075	56.509	ng	# 66
32) Benzoic acid	7.945	122	743	7.396	ng	# 61
51) 2,6-Dinitrotoluene	9.904	165	23138	8.615	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	23138	6.482	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	17295	5.082	ng	# 1
77) Benzidine	12.739	184	24655	4.037	ng	99

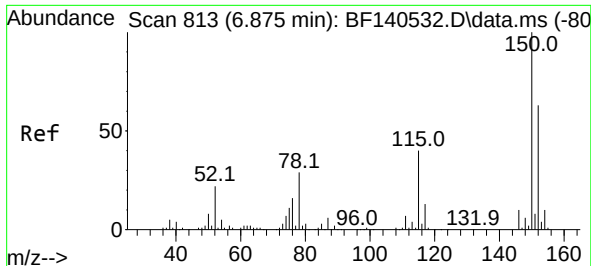
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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Quant Time: Nov 22 12:50:48 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

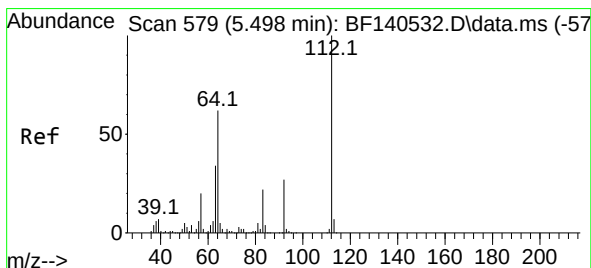
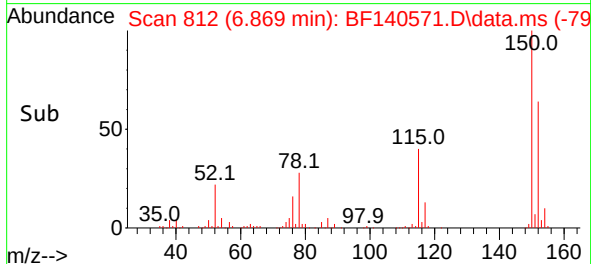
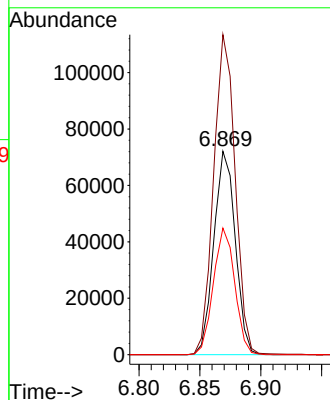
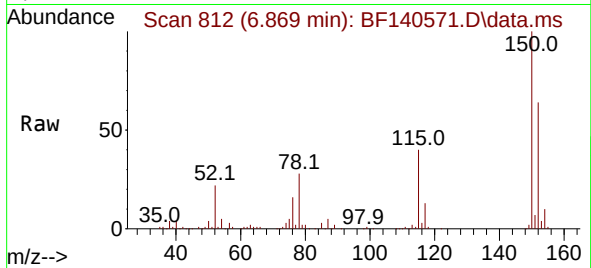




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

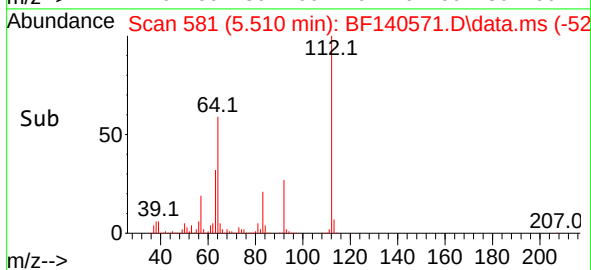
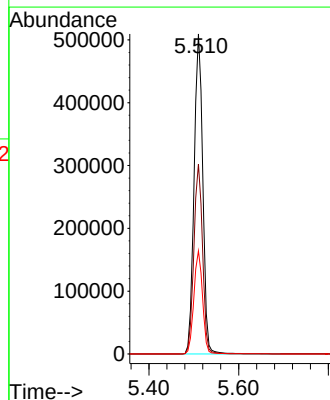
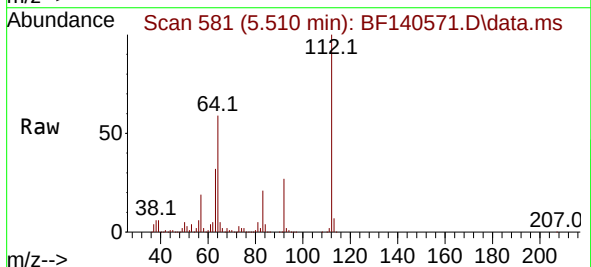
Instrument :
BNA_F
ClientSampleId :
MH-741

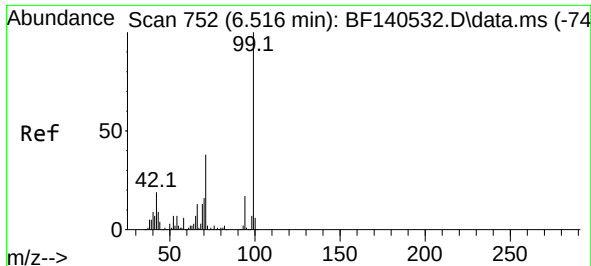
Tgt Ion:152 Resp: 88384
Ion Ratio Lower Upper
152 100
150 157.3 128.5 192.7
115 62.3 50.2 75.4



#5
2-Fluorophenol
Concen: 132.448 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

Tgt Ion:112 Resp: 686098
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 32.2 27.0 40.4

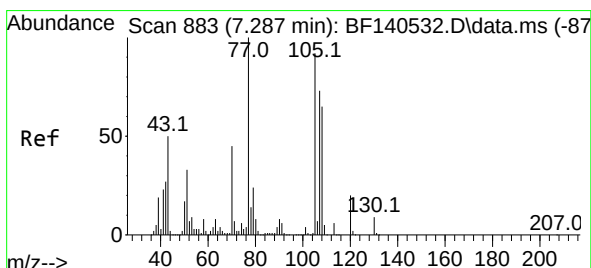
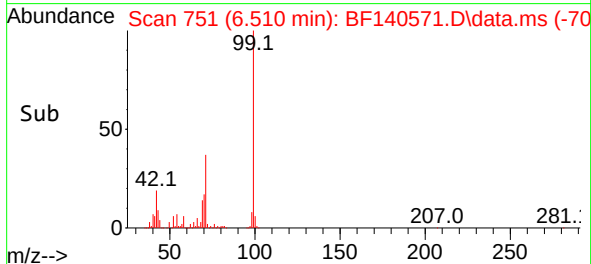
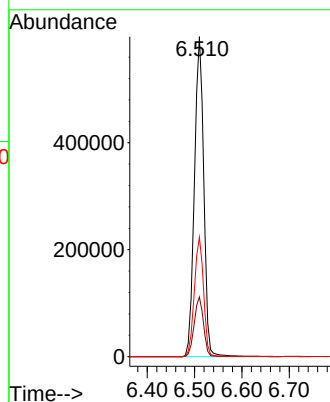
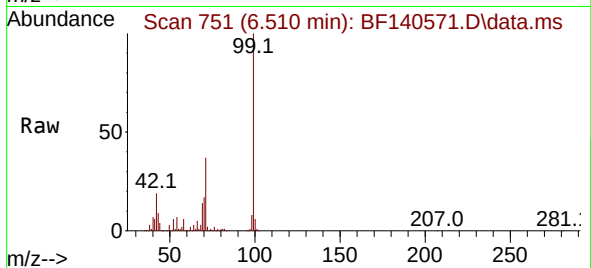




#7
Phenol-d6
Concen: 120.049 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

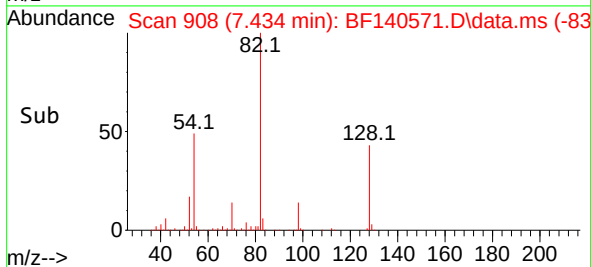
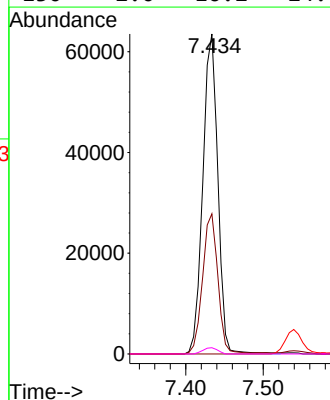
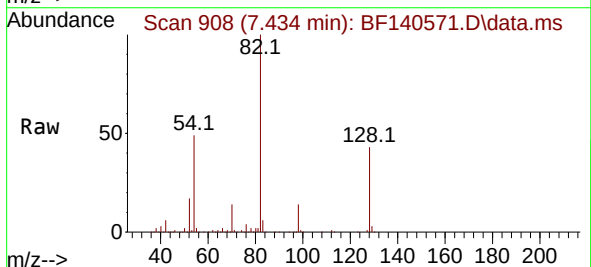
Instrument :
BNA_F
ClientSampleId :
MH-741

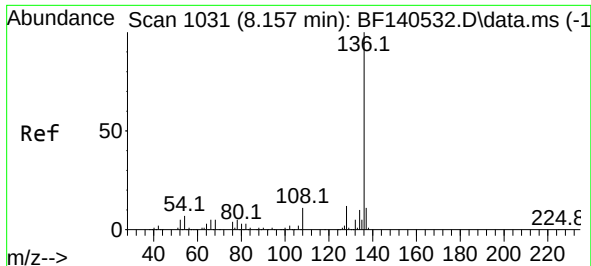
Tgt Ion: 99 Resp: 822125
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.0
71 37.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.126 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

Tgt Ion: 70 Resp: 85505
Ion Ratio Lower Upper
70 100
42 43.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#



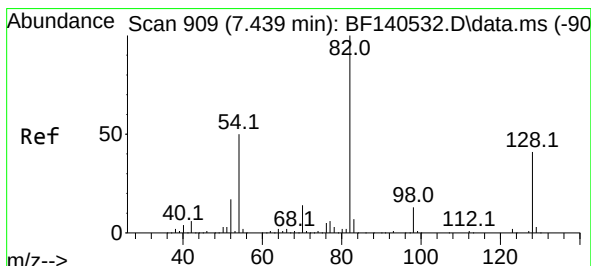
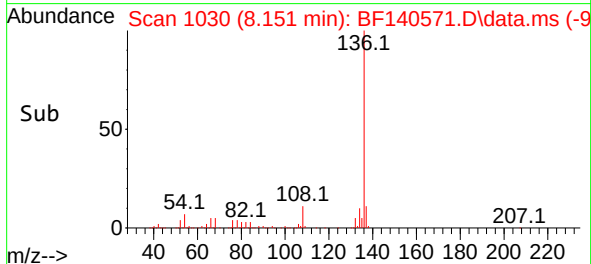
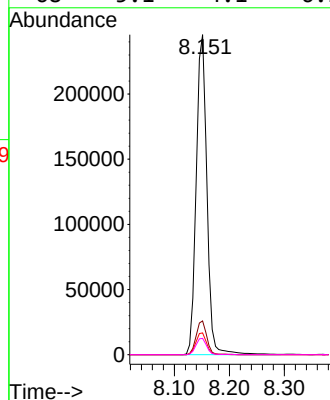
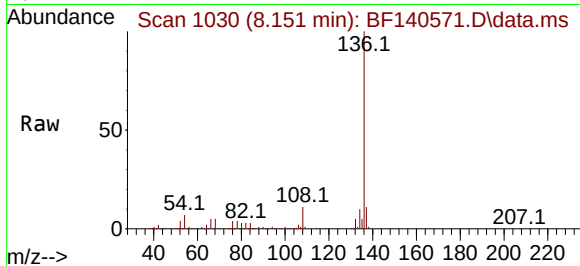


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

Instrument :
BNA_F
ClientSampleId :
MH-741

Tgt Ion:136 Resp: 332168

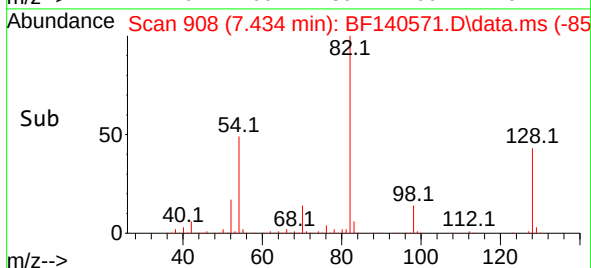
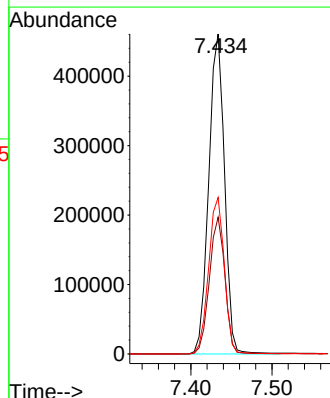
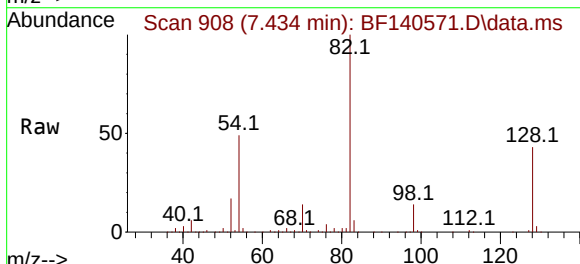
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.8	5.8	8.8
68	5.1	4.1	6.1

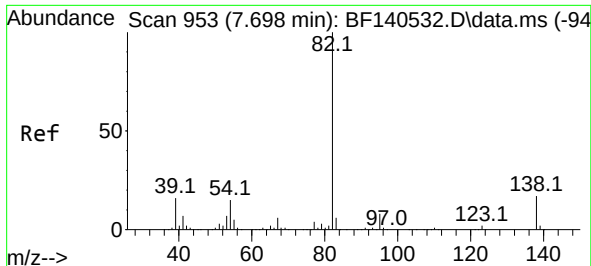


#23
Nitrobenzene-d5
Concen: 95.499 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

Tgt Ion: 82 Resp: 620169

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.0	49.4
54	48.9	39.5	59.3

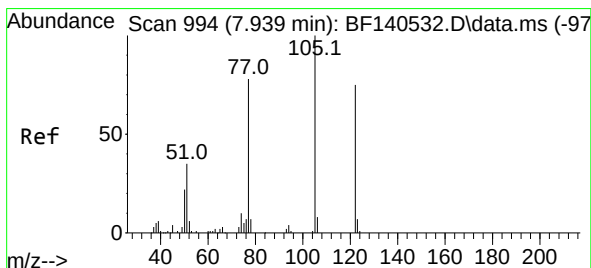
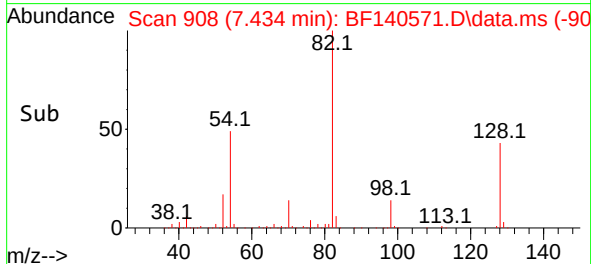
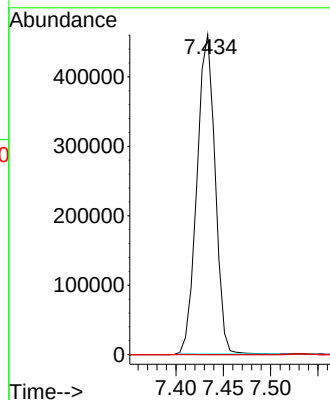
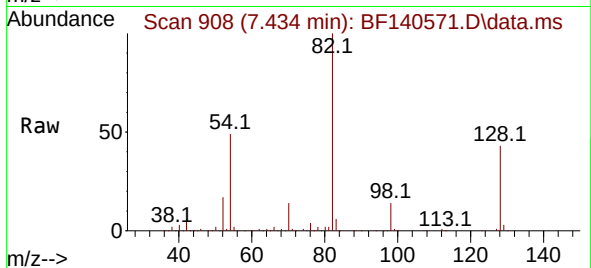




#25
Isophorone
Concen: 56.509 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

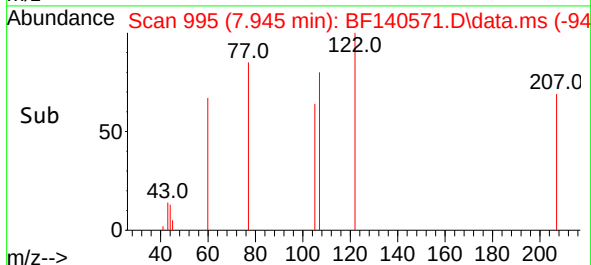
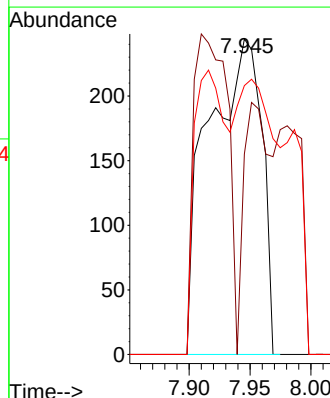
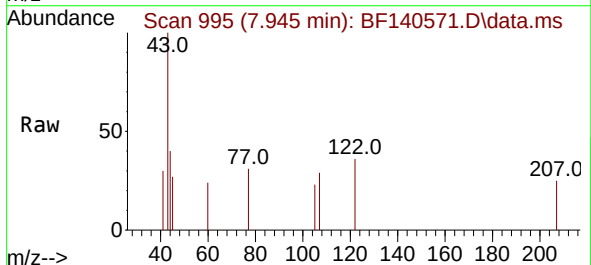
Instrument :
BNA_F
ClientSampleId :
MH-741

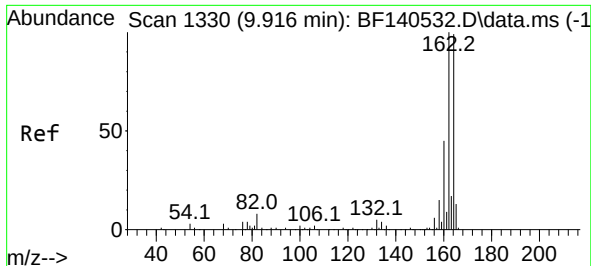
Tgt Ion: 82 Resp: 612075
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.396 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

Tgt Ion:122 Resp: 743
Ion Ratio Lower Upper
122 100
105 63.5 109.3 149.3#
77 85.2 82.3 122.3

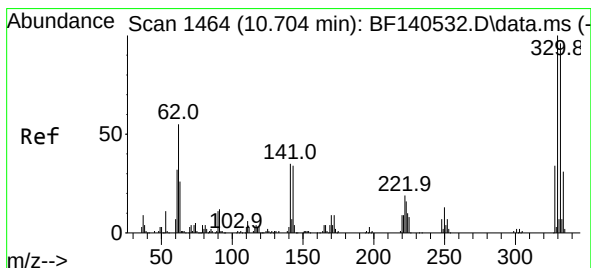
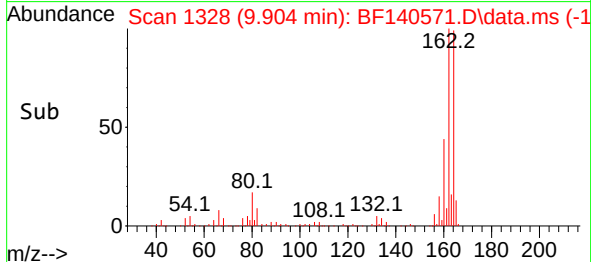
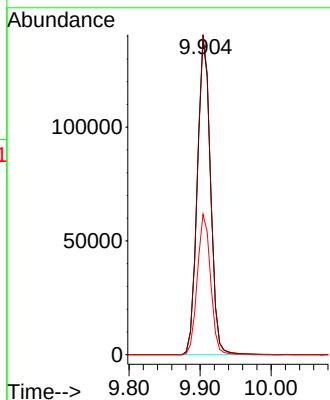
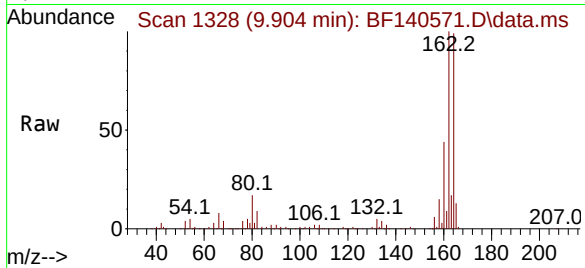




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

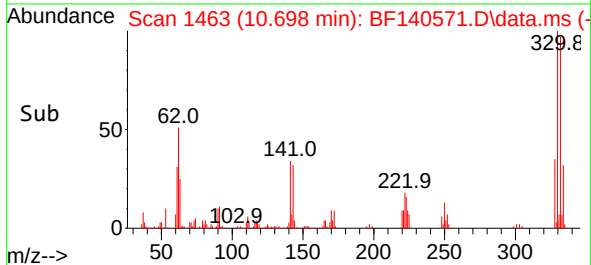
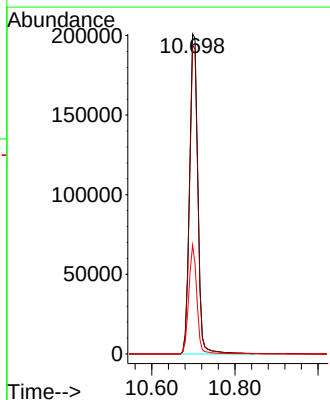
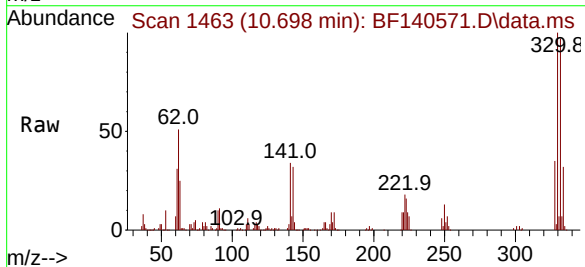
Instrument :
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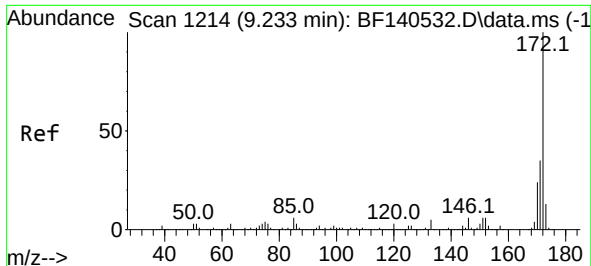
Tgt Ion:164 Resp: 179805
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 44.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 145.353 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

Tgt Ion:330 Resp: 279517
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 33.0 26.7 40.1

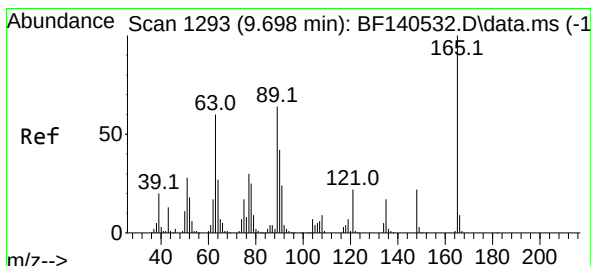
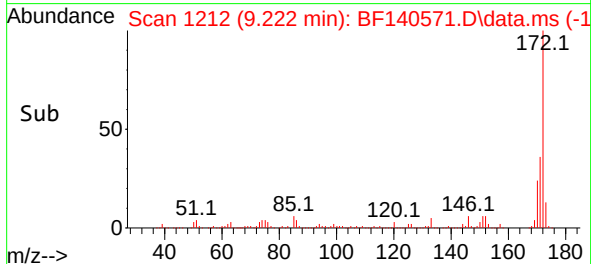
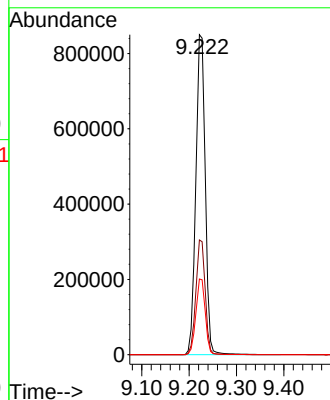
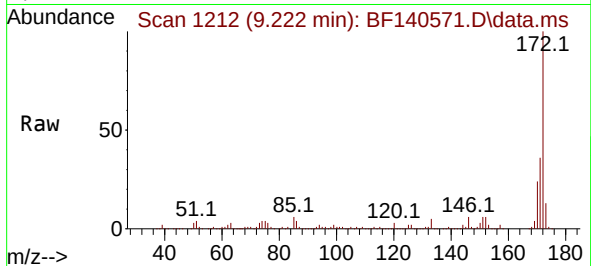




#45
2-Fluorobiphenyl
Concen: 97.827 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

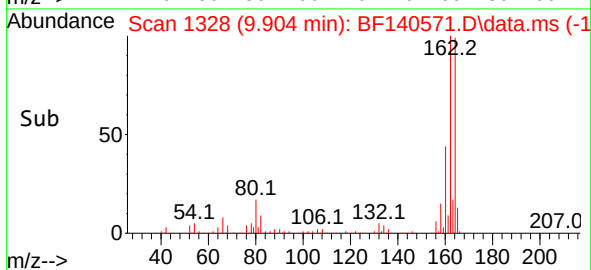
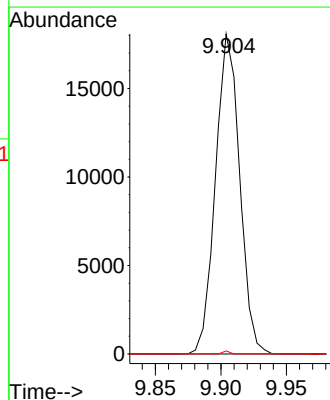
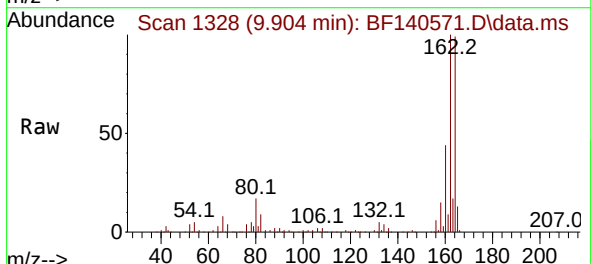
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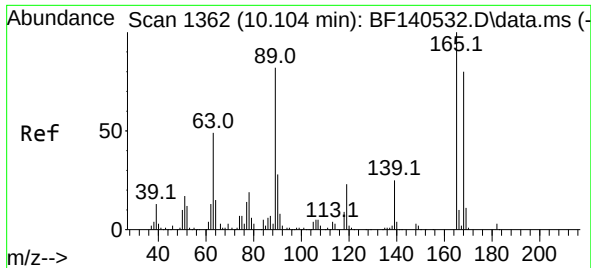
Tgt Ion:172 Resp: 1180564
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.7 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.615 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

Tgt Ion:165 Resp: 23138
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.9 50.9 76.3#

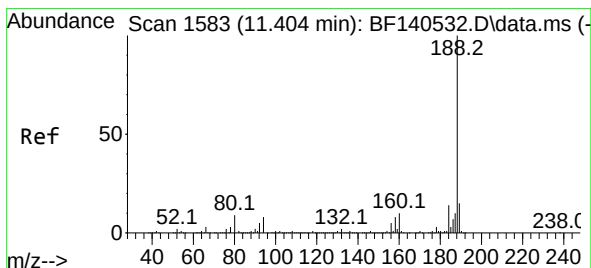
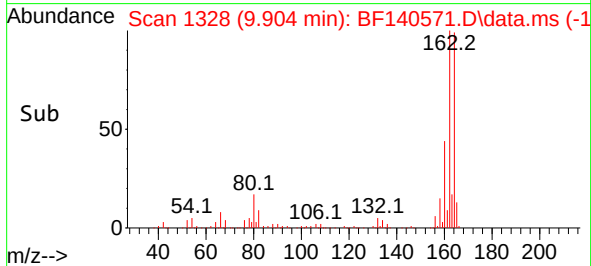
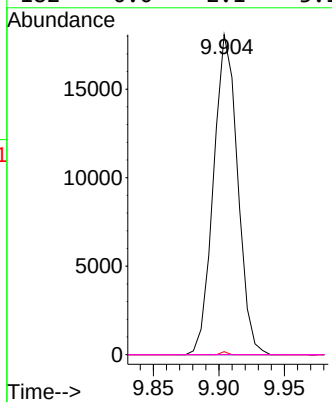
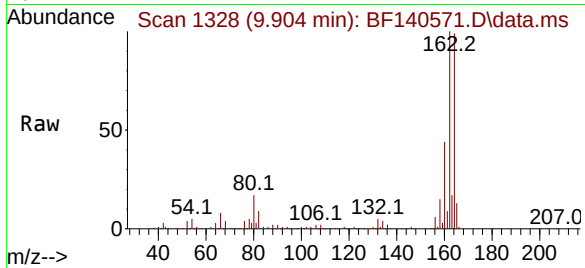




#57
2,4-Dinitrotoluene
Concen: 6.482 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

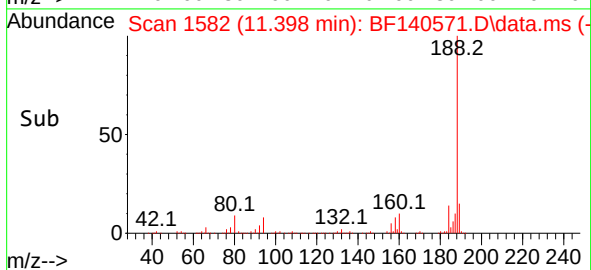
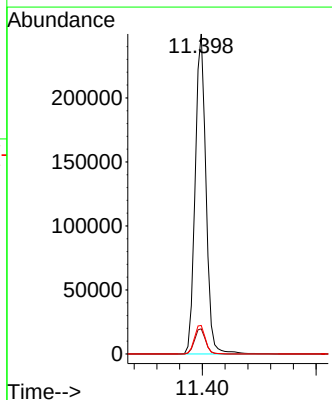
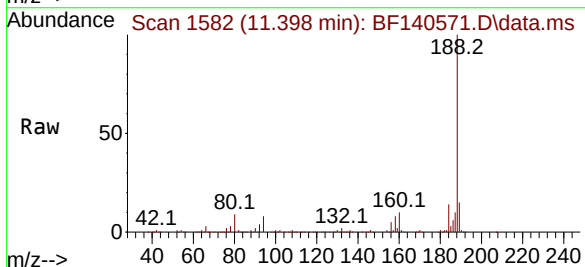
Instrument :
BNA_F
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MH-741

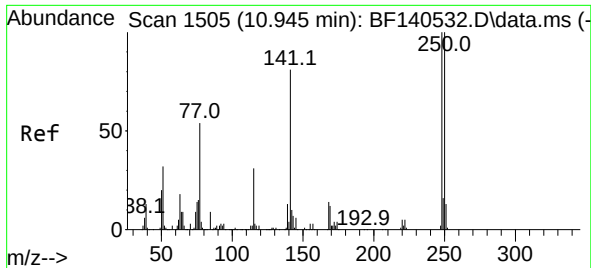
Tgt Ion:165	Resp:	23138
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.7 62.5#
89	0.9	65.8 98.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

Tgt Ion:188	Resp:	330443
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.4 9.6
80	8.9	6.9 10.3

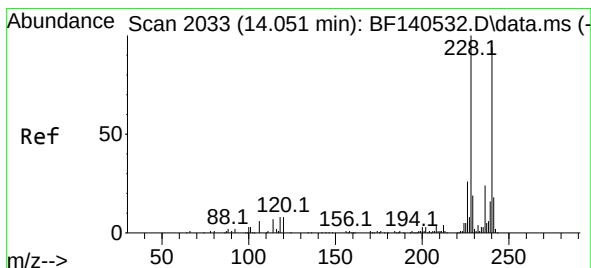
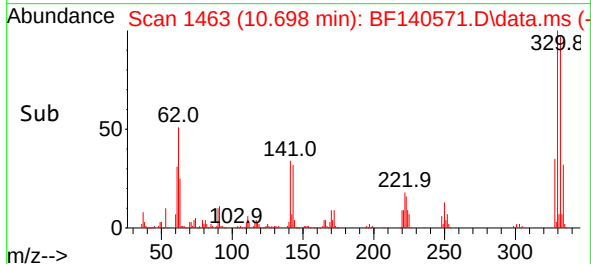
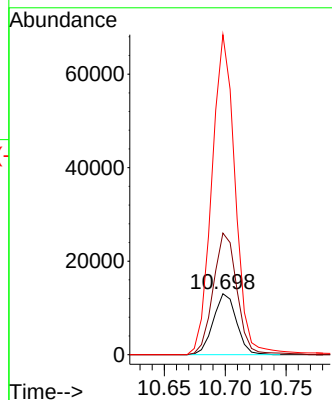
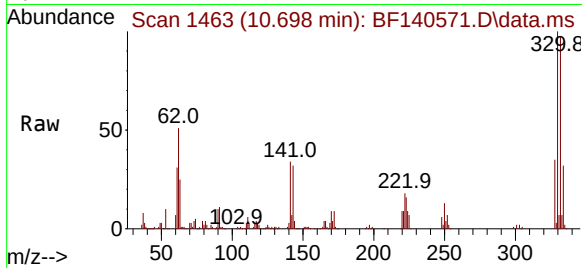




#67
4-Bromophenyl-phenylether
Concen: 5.082 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

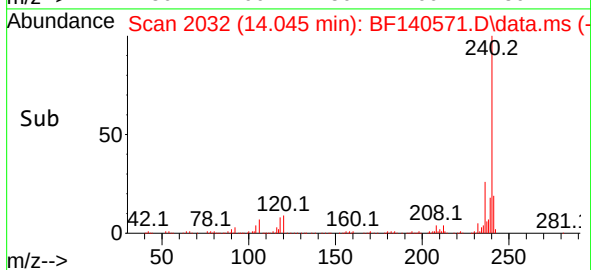
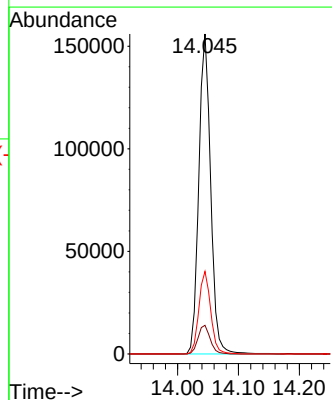
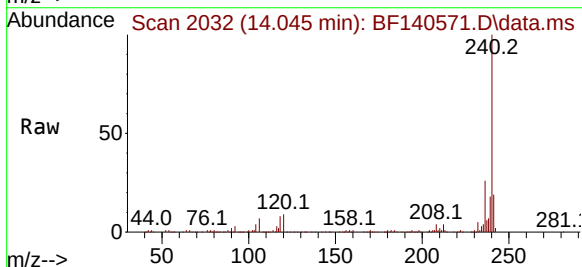
Instrument :
BNA_F
ClientSampleId :
MH-741

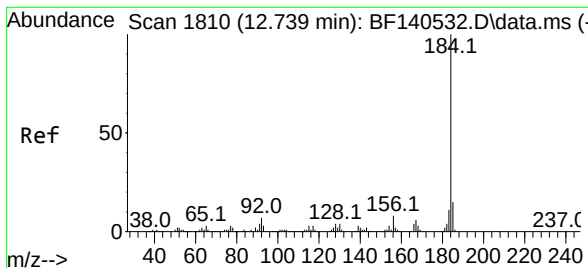
Tgt Ion:248 Resp: 17295
Ion Ratio Lower Upper
248 100
250 199.6 79.8 119.8#
141 524.9 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140571.D
Acq: 22 Nov 2024 12:28

Tgt Ion:240 Resp: 210042
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.8 20.6 31.0





#77

Benzidine

Concen: 4.037 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140571.D

Acq: 22 Nov 2024 12:28

Instrument :

BNA_F

ClientSampleId :

MH-741

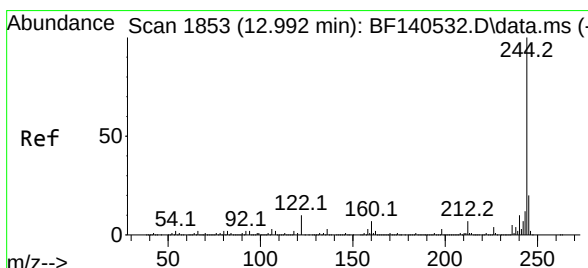
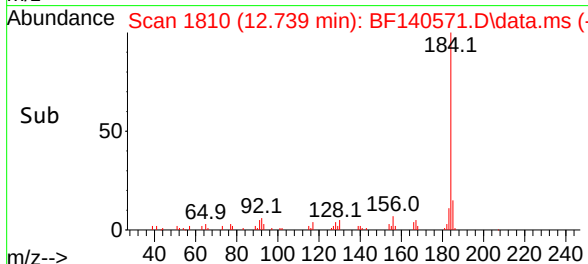
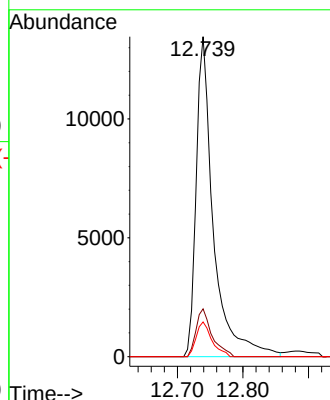
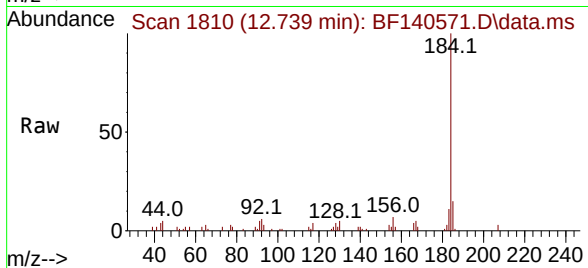
Tgt Ion:184 Resp: 24655

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 10.8 8.8 13.2



#79

Terphenyl-d14

Concen: 96.448 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140571.D

Acq: 22 Nov 2024 12:28

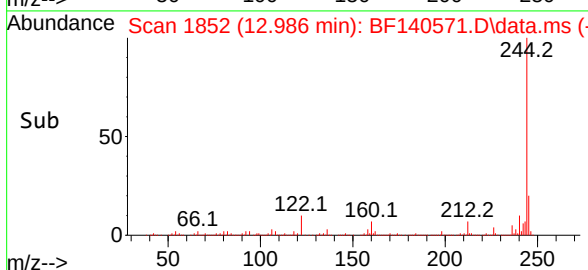
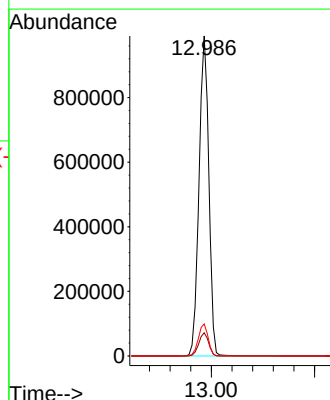
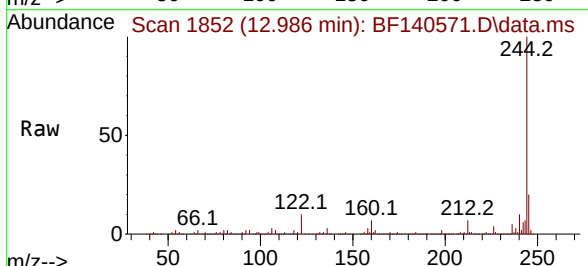
Tgt Ion:244 Resp: 1300992

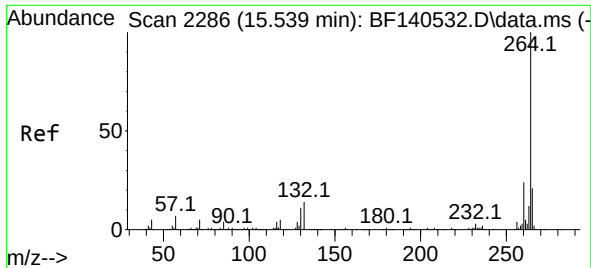
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

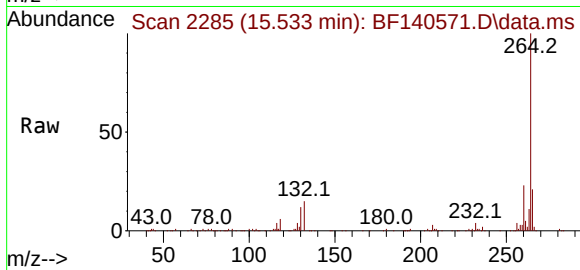
122 10.0 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF140571.D
 Acq: 22 Nov 2024 12:28

Instrument :
 BNA_F
 ClientSampleId :
 MH-741



Tgt Ion:264 Resp: 170783
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.1 16.6 25.0

