

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140017.D
 Acq On : 24 Oct 2024 22:58
 Operator : RC/JU
 Sample : P4487-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5

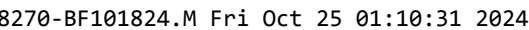
Quant Time: Oct 25 01:10:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

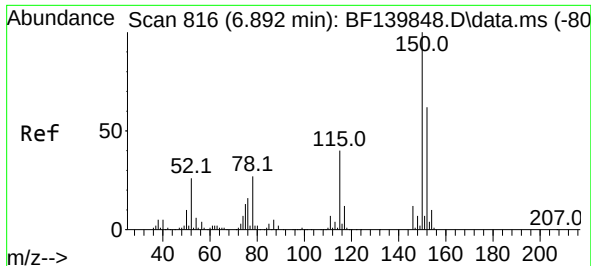
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	78377	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	297853	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	153225	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	239422	20.000	ng	0.00
76) Chrysene-d12	14.045	240	143645	20.000	ng	0.00
86) Perylene-d12	15.527	264	179718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	457055	91.291	ng	0.00
7) Phenol-d6	6.504	99	575498	88.753	ng	0.00
23) Nitrobenzene-d5	7.445	82	382450	71.165	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	142342	99.316	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	686042	73.997	ng	0.00
79) Terphenyl-d14	12.992	244	482671	54.753	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	52740	13.411	ng	# 77
25) Isophorone	7.445	82	379892	37.244	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	19987	9.672	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	19987	7.865	ng	# 21
63) Azobenzene	10.633	77	102377	10.305	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	9632	3.905	ng	# 1
77) Benzidine	12.992	184	6694	2.834	ng	# 94

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

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QLast Update : Fri Oct 18 15:07:50 2024
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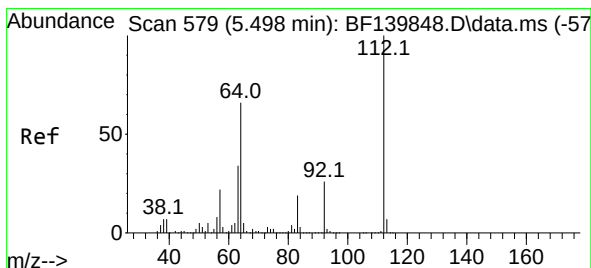
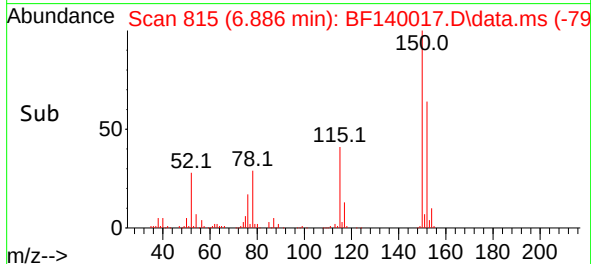
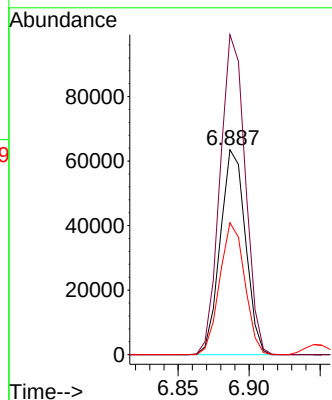
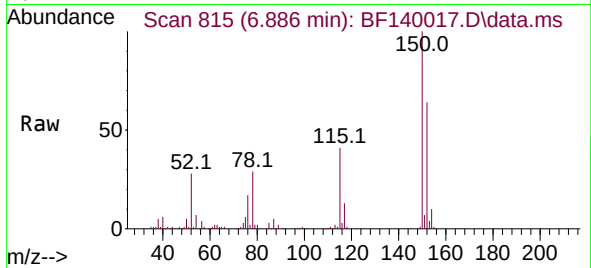




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

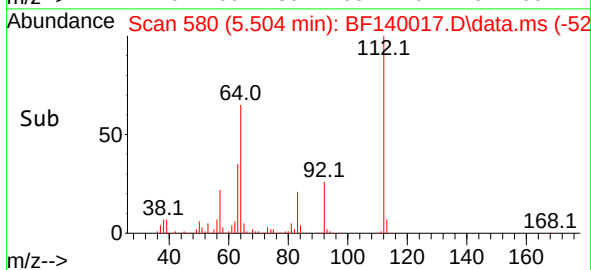
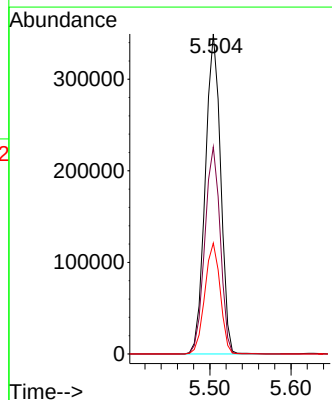
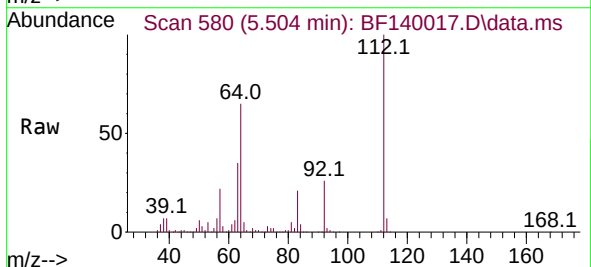
Instrument :
BNA_F
ClientSampleId :
BP-B5

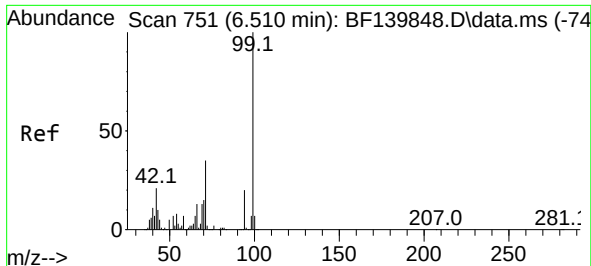
Tgt Ion:152 Resp: 78377
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.2
115 64.4 51.4 77.2



#5
2-Fluorophenol
Concen: 91.291 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion:112 Resp: 457055
Ion Ratio Lower Upper
112 100
64 64.7 53.0 79.6
63 34.7 27.0 40.4

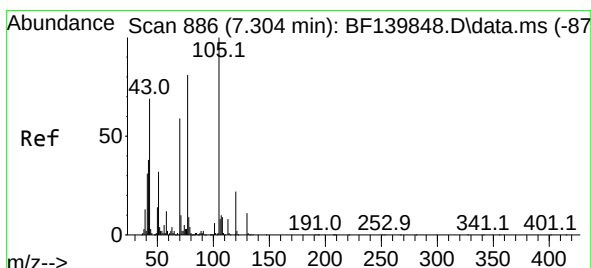
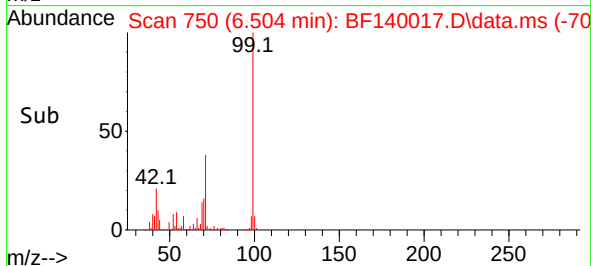
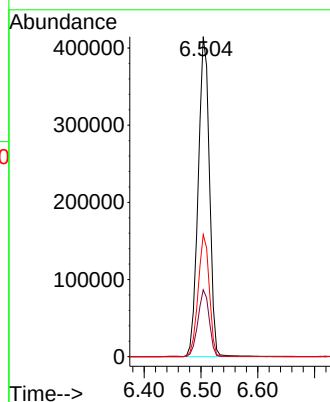
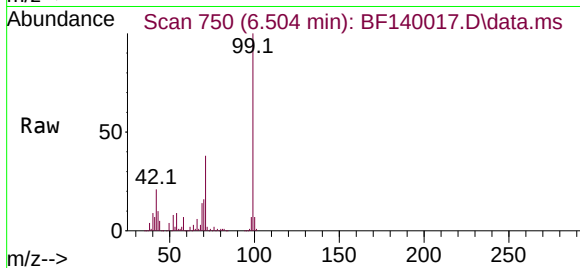




#7
Phenol-d6
Concen: 88.753 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

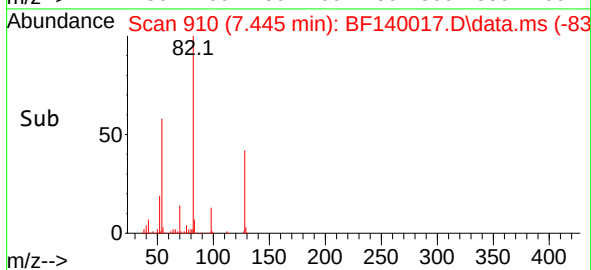
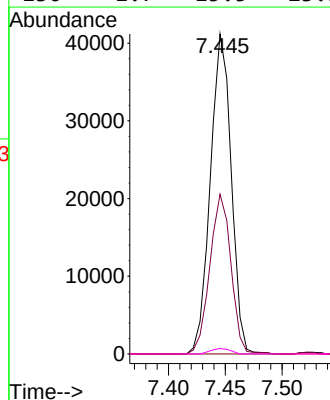
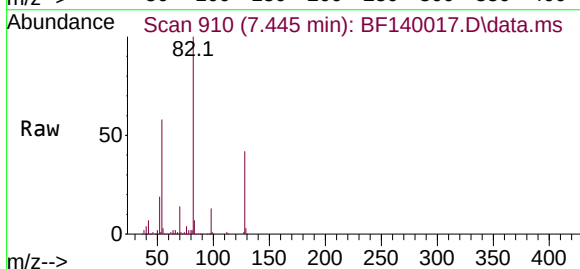
Instrument :
BNA_F
ClientSampleId :
BP-B5

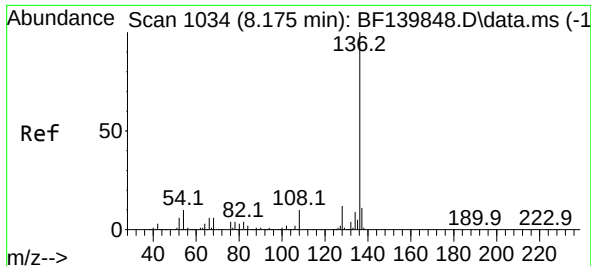
Tgt Ion: 99 Resp: 575498
Ion Ratio Lower Upper
99 100
42 20.9 16.7 25.1
71 38.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.411 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion: 70 Resp: 52740
Ion Ratio Lower Upper
70 100
42 49.9 51.5 77.3#
101 0.0 7.5 11.3#
130 1.7 15.5 23.3#



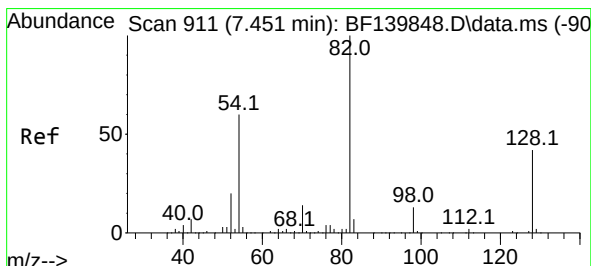
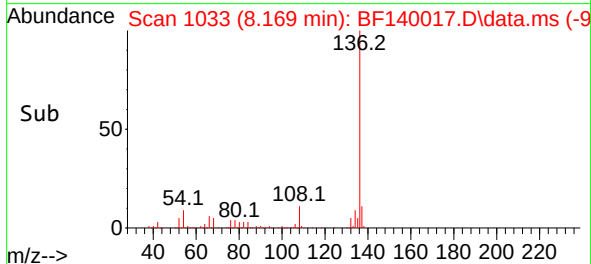
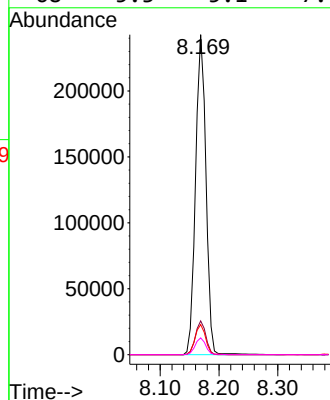
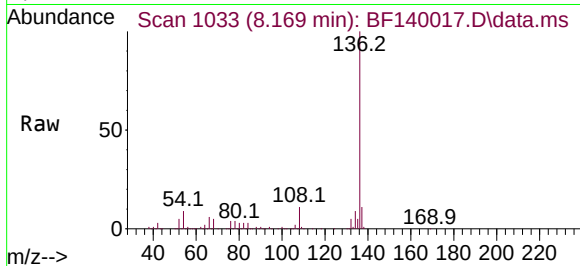


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:136 Resp: 297853

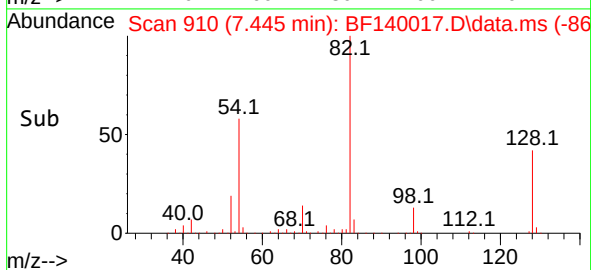
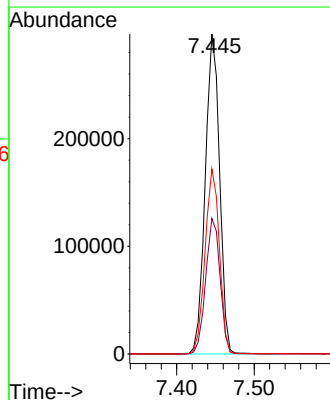
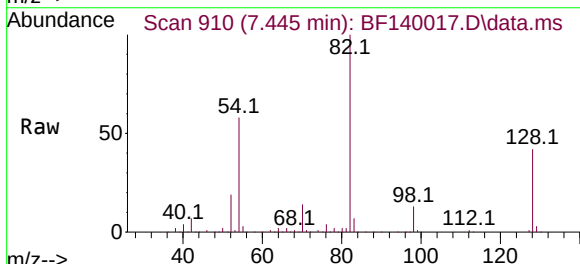
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	9.4	8.4	12.6
68	5.3	5.1	7.7

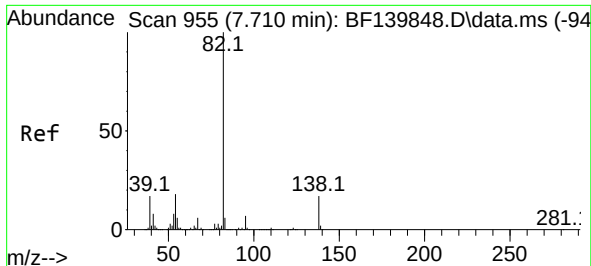


#23
Nitrobenzene-d5
Concen: 71.165 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion: 82 Resp: 382450

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.4	50.0
54	57.8	47.8	71.8

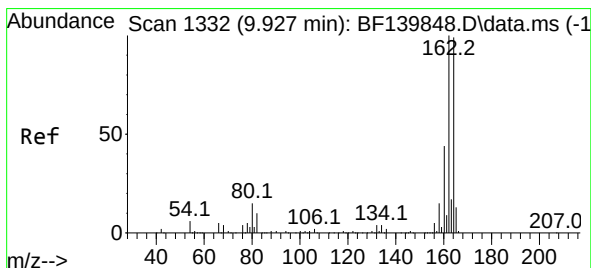
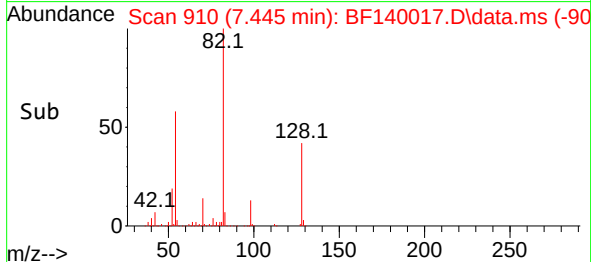
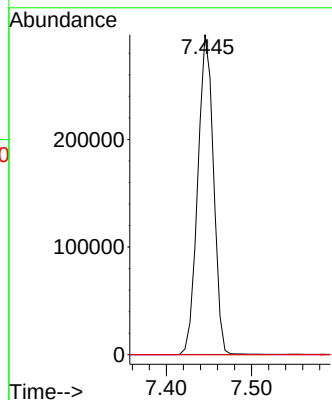
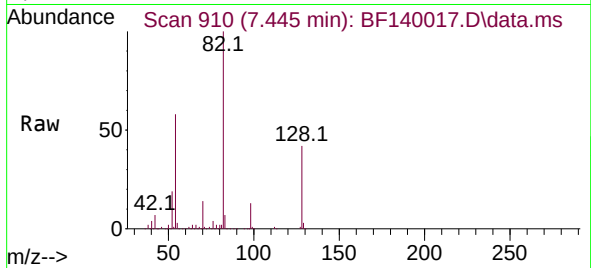




#25
Isophorone
Concen: 37.244 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

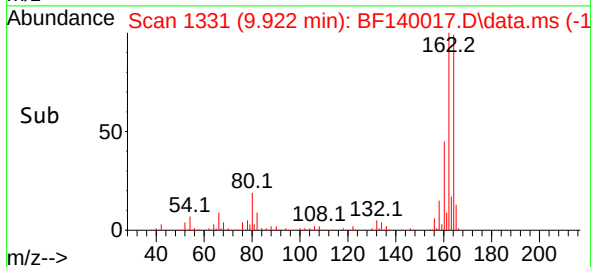
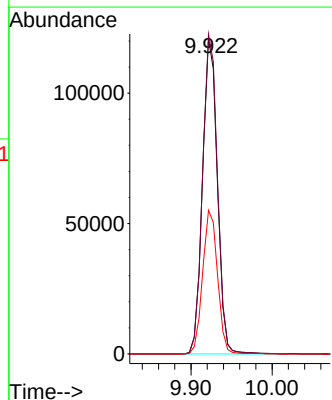
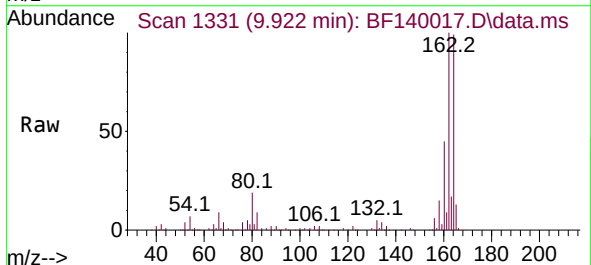
Instrument :
BNA_F
ClientSampleId :
BP-B5

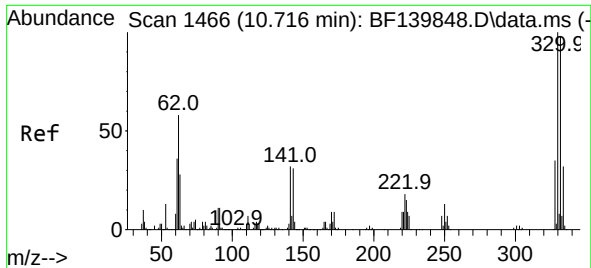
Tgt Ion: 82 Resp: 379892
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

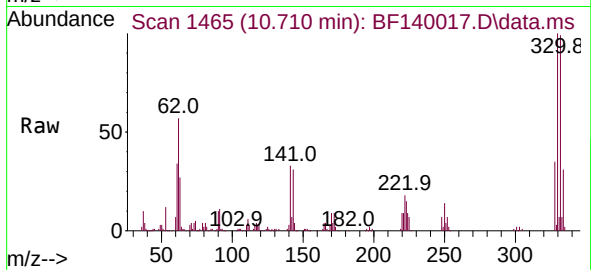
Tgt Ion:164 Resp: 153225
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 45.6 35.4 53.0



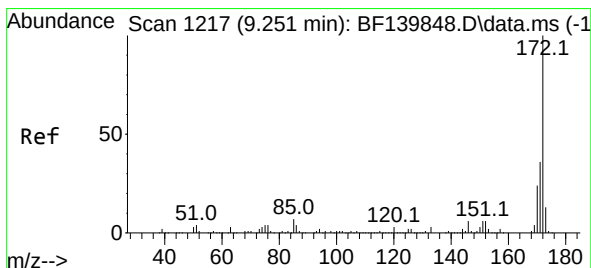
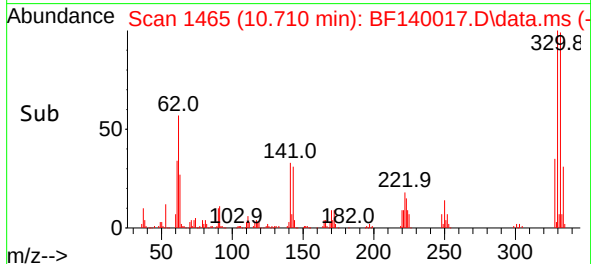
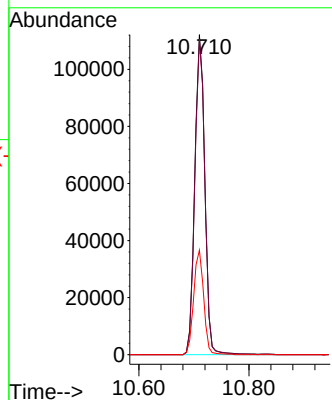


#42
2,4,6-Tribromophenol
Concen: 99.316 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Instrument :
BNA_F
ClientSampleId :
BP-B5

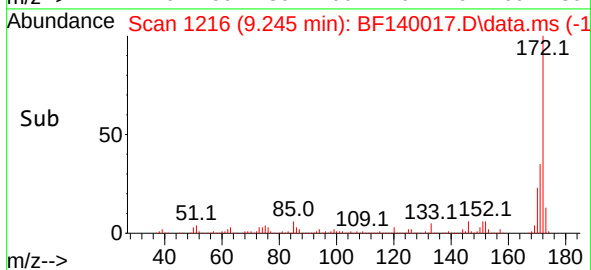
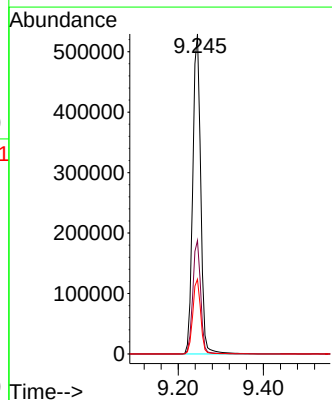
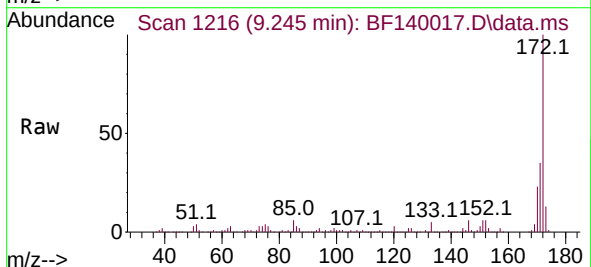


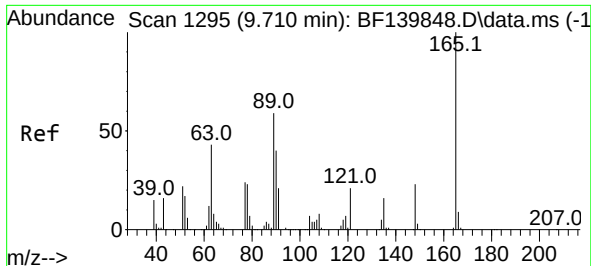
Tgt Ion:330 Resp: 142342
Ion Ratio Lower Upper
330 100
332 98.3 78.1 117.1
141 32.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 73.997 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion:172 Resp: 686042
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.3 19.1 28.7

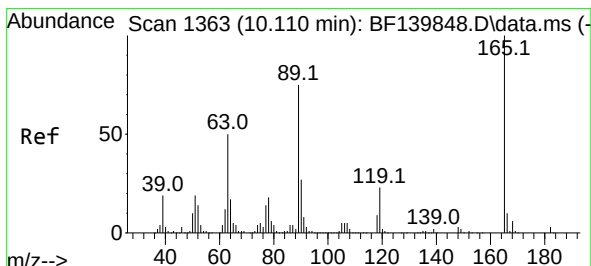
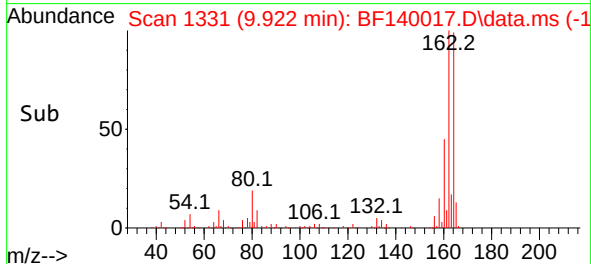
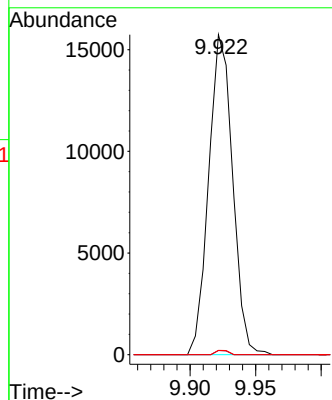
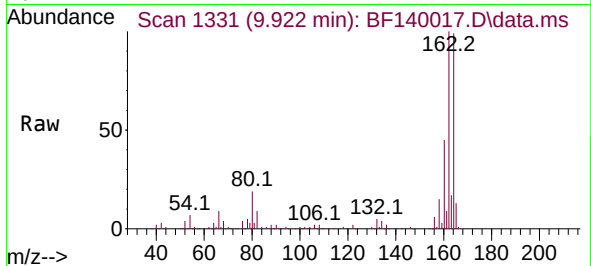




#51
2,6-Dinitrotoluene
Concen: 9.672 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

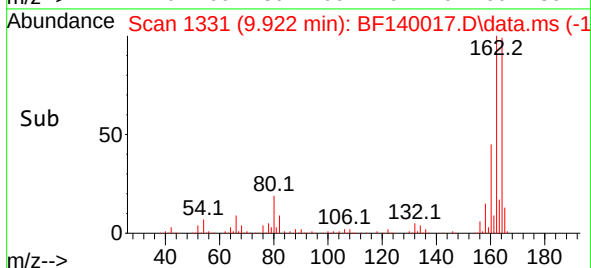
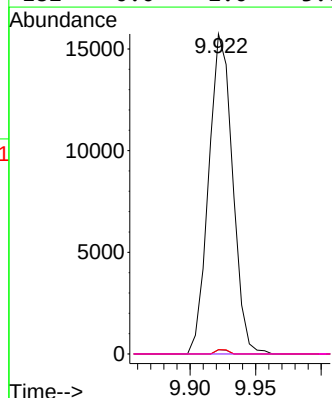
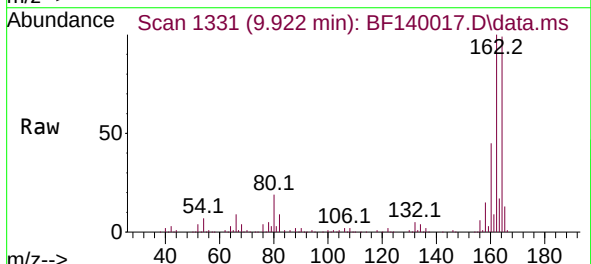
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ClientSampleId :
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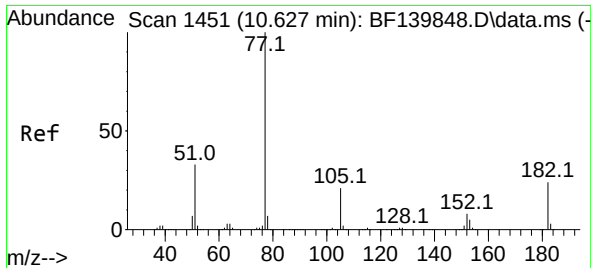
Tgt Ion:165 Resp: 19987
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.865 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion:165 Resp: 19987
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#



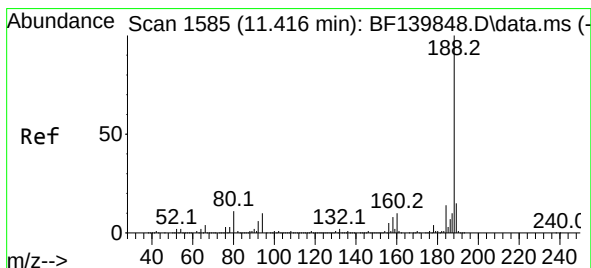
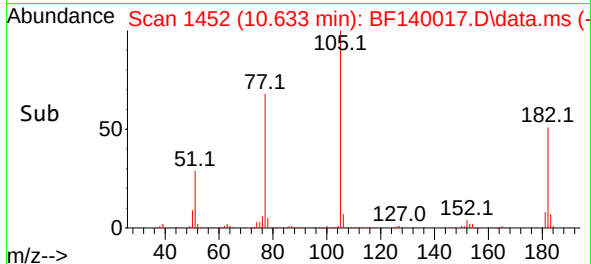
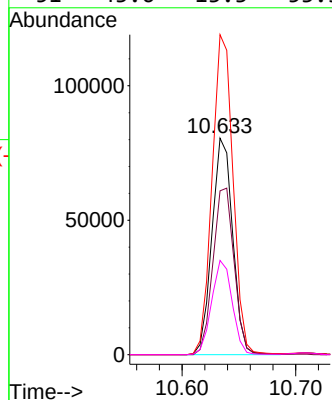
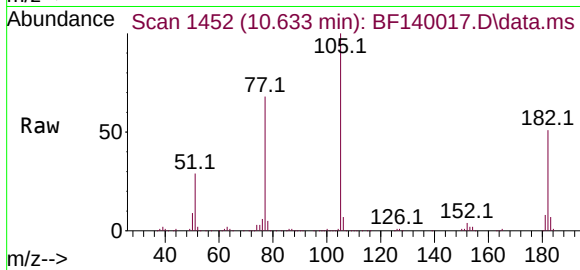


#63
Azobenzene
Concen: 10.305 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion: 77 Resp: 102377

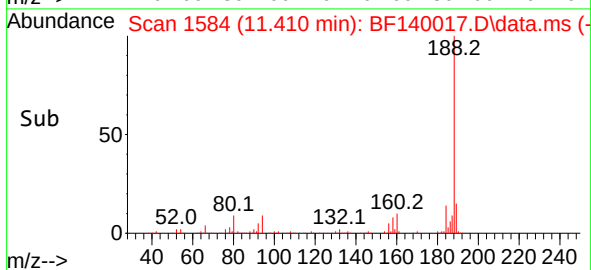
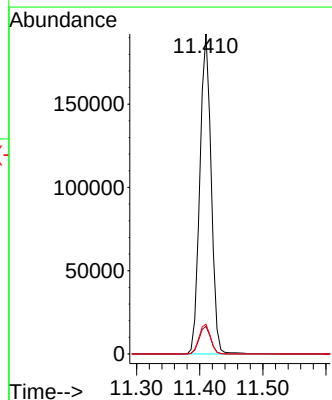
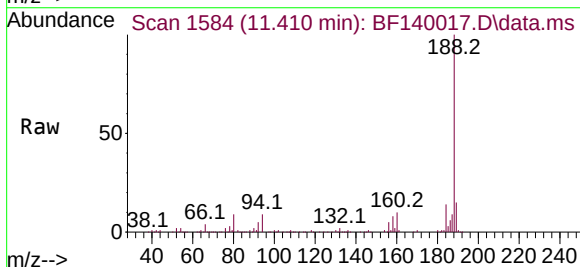
Ion	Ratio	Lower	Upper
77	100		
182	75.7	3.3	43.3#
105	147.8	1.2	41.2#
51	43.6	13.3	53.3

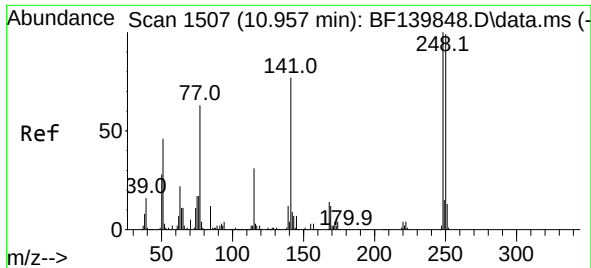


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion: 188 Resp: 239422

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.9	11.9
80	9.3	9.0	13.4

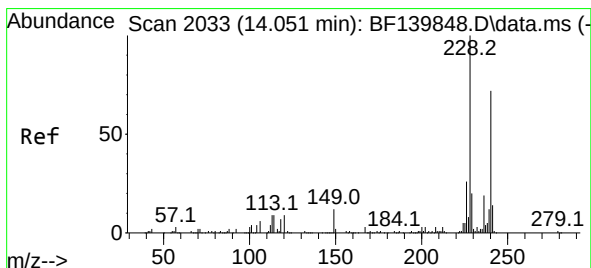
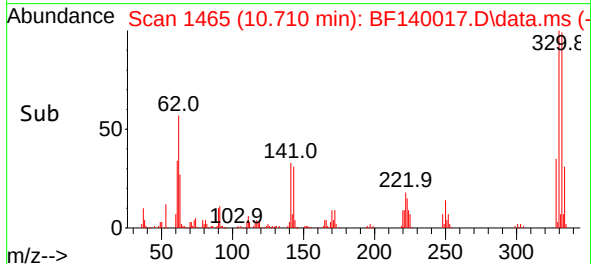
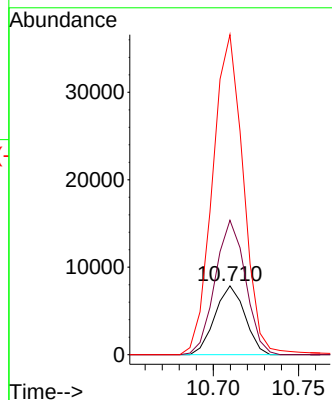
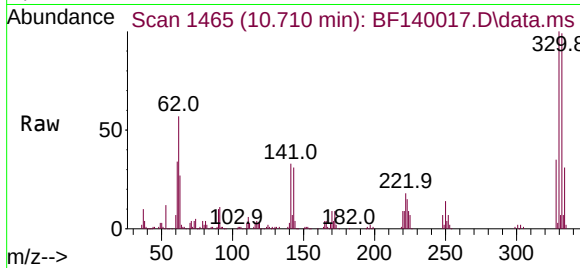




#67
4-Bromophenyl-phenylether
Concen: 3.905 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

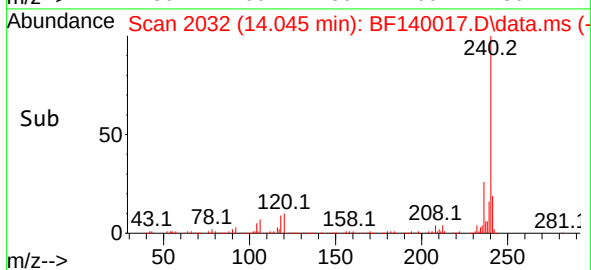
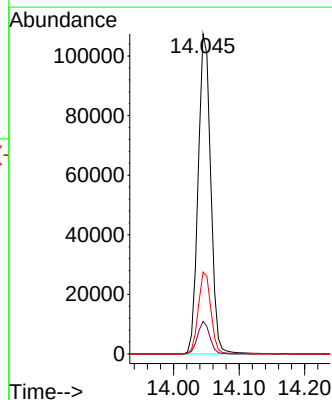
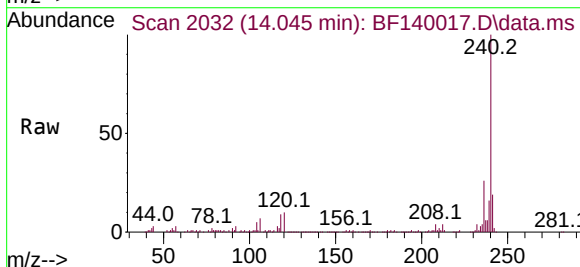
Instrument :
BNA_F
ClientSampleId :
BP-B5

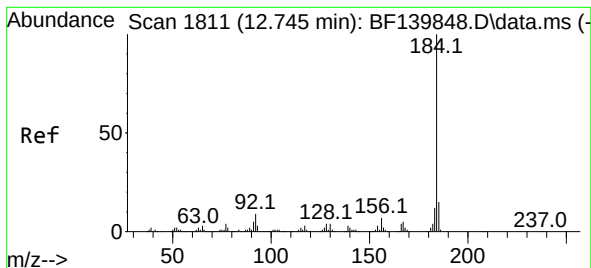
Tgt Ion:248 Resp: 9632
Ion Ratio Lower Upper
248 100
250 195.5 79.0 118.6#
141 465.3 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140017.D
Acq: 24 Oct 2024 22:58

Tgt Ion:240 Resp: 143645
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 25.6 20.9 31.3





#77

Benzidine

Concen: 2.834 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF140017.D

Acq: 24 Oct 2024 22:58

Instrument :

BNA_F

ClientSampleId :

BP-B5

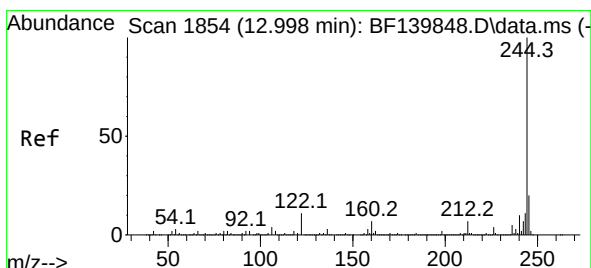
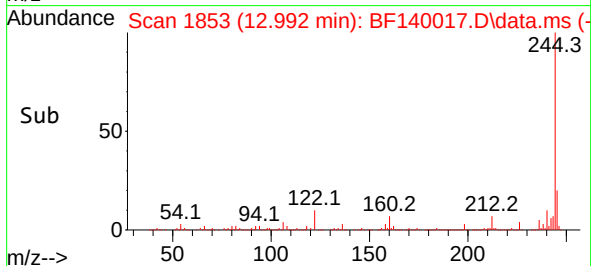
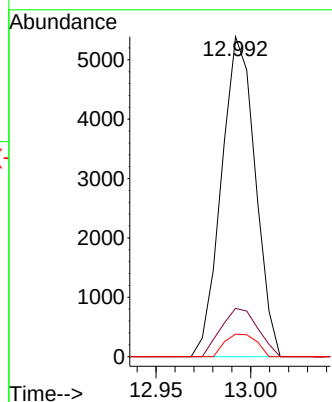
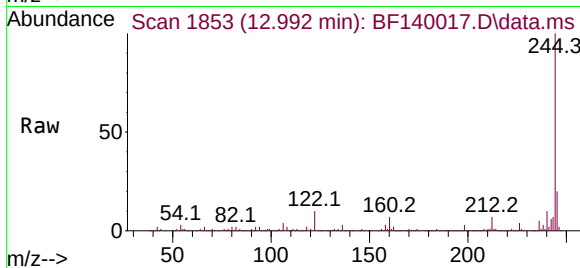
Tgt Ion:184 Resp: 6694

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

183 7.0 9.4 14.2#



#79

Terphenyl-d14

Concen: 54.753 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF140017.D

Acq: 24 Oct 2024 22:58

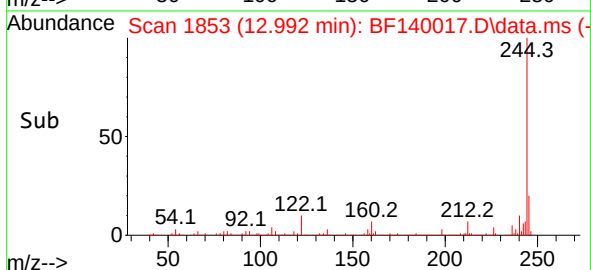
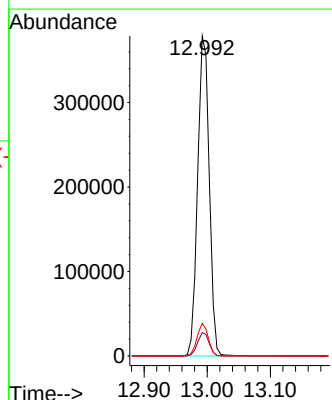
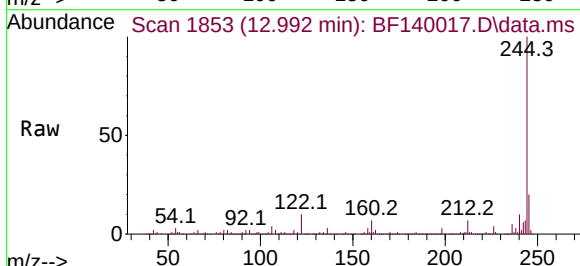
Tgt Ion:244 Resp: 482671

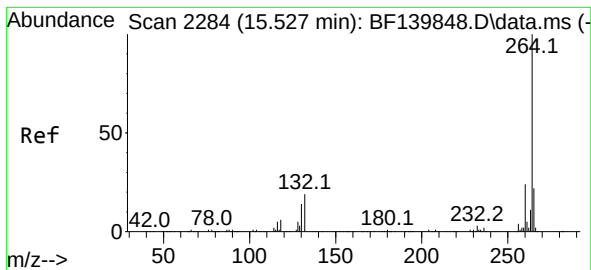
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 10.1 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140017.D

Acq: 24 Oct 2024 22:58

Instrument :

BNA_F

ClientSampleId :

BP-B5

Tgt Ion:264 Resp: 179718

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 20.4 17.4 26.0

