

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140143.D
 Acq On : 30 Oct 2024 05:58
 Operator : RC/JU
 Sample : P4594-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

Quant Time: Oct 30 06:25:24 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)

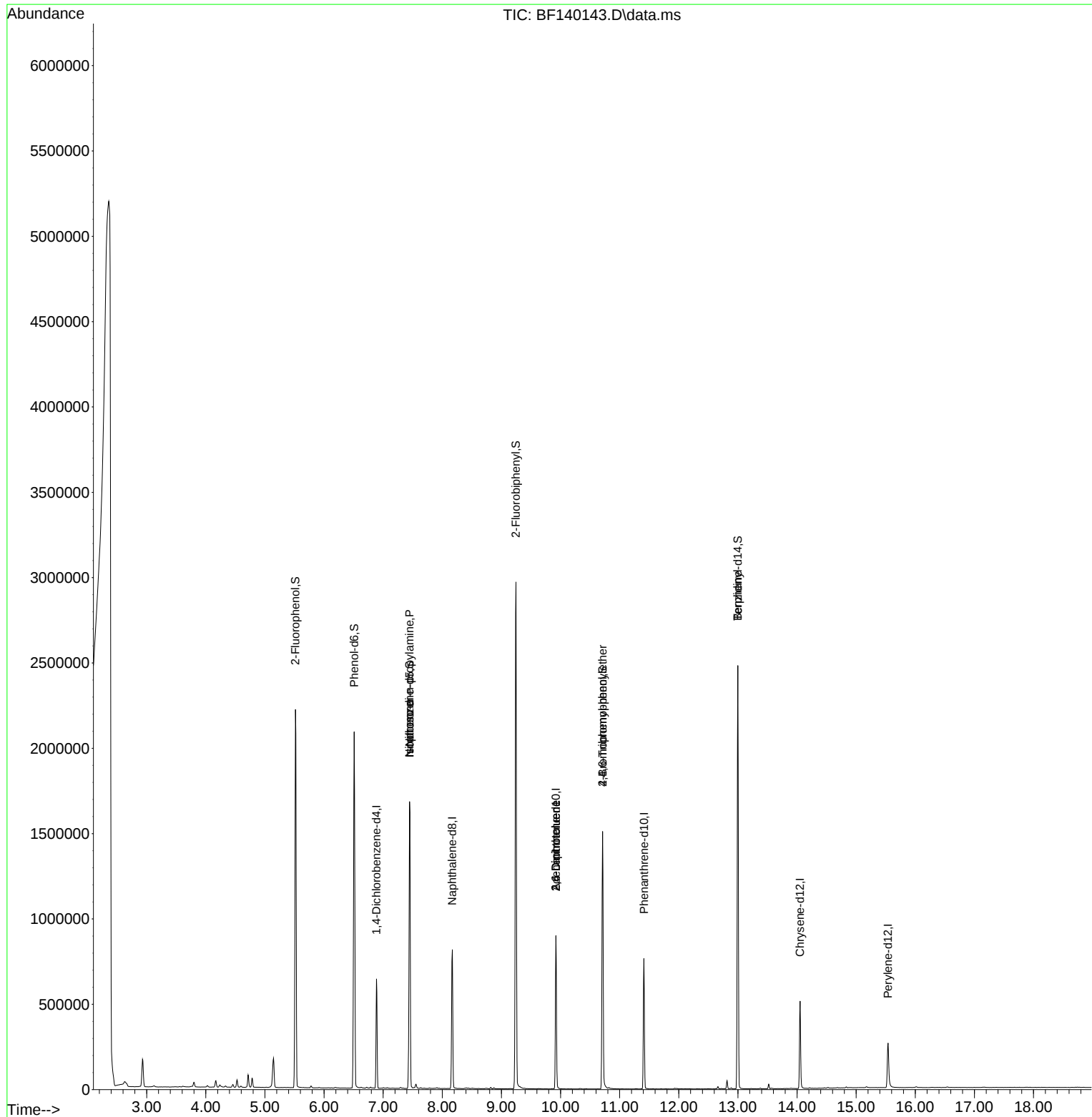
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	126489	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	505147	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	267797	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	404359	20.000	ng	0.00
76) Chrysene-d12	14.051	240	249311	20.000	ng	0.00
86) Perylene-d12	15.539	264	183532	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	837901	103.703	ng	0.02
7) Phenol-d6	6.510	99	1004349	95.975	ng	0.00
23) Nitrobenzene-d5	7.445	82	800131	87.789	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	263660	105.258	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1401345	86.483	ng	0.00
79) Terphenyl-d14	12.998	244	1233644	80.630	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	109124	17.194	ng	# 76
25) Isophorone	7.445	82	795181	45.967	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	34850	9.649	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	34850	7.847	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	17569	4.218	ng	# 1
77) Benzidine	12.998	184	16023	3.909	ng	# 94

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

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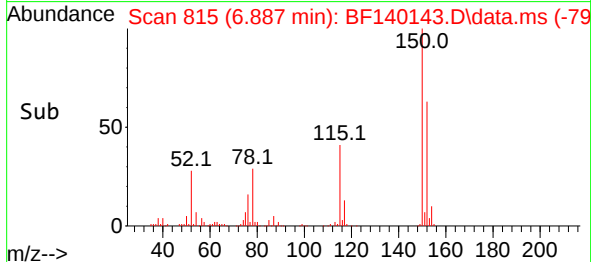
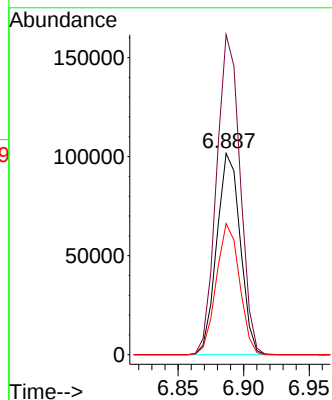
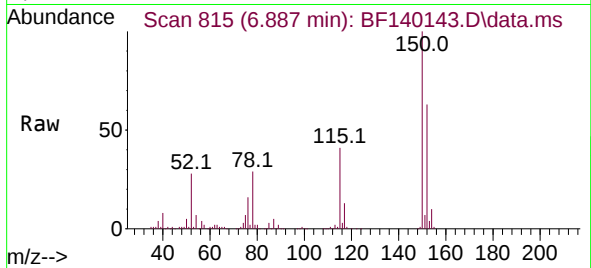




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

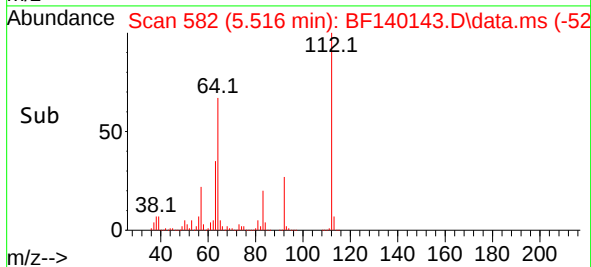
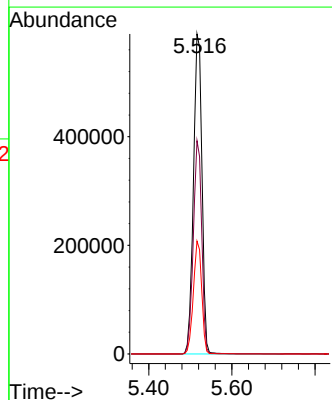
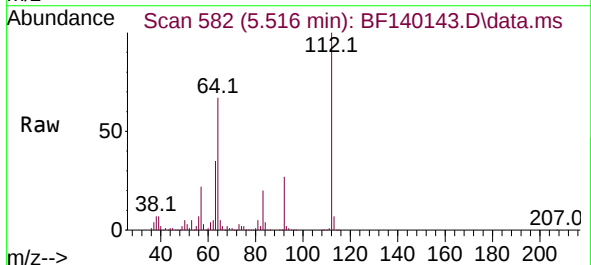
Instrument :
BNA_F
ClientSampleId :
BP-F16

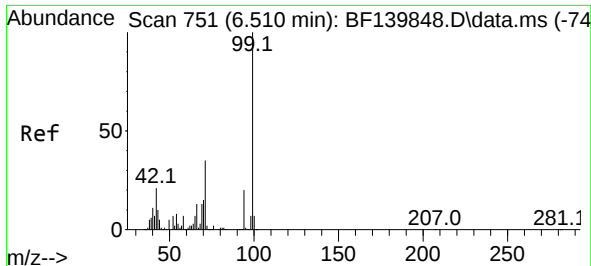
Tgt Ion:152 Resp: 126489
Ion Ratio Lower Upper
152 100
150 158.9 130.2 195.2
115 65.1 51.4 77.2



#5
2-Fluorophenol
Concen: 103.703 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

Tgt Ion:112 Resp: 837901
Ion Ratio Lower Upper
112 100
64 66.6 53.0 79.6
63 35.3 27.0 40.4



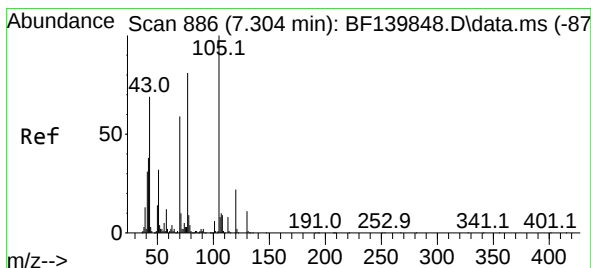
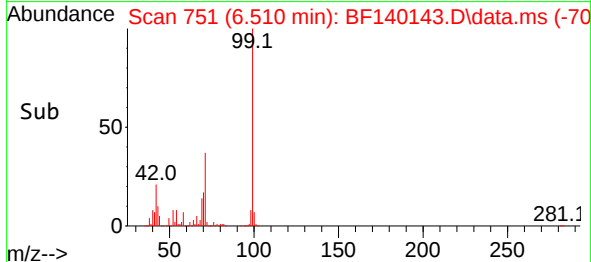
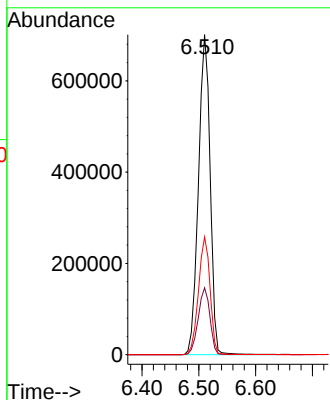
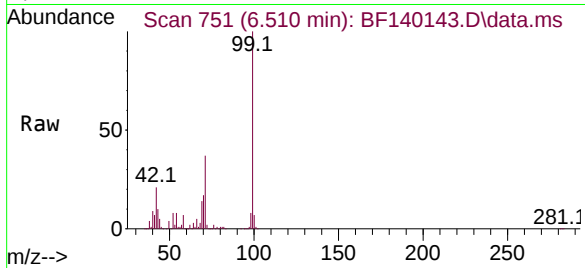


#7
Phenol-d6
Concen: 95.975 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

Instrument :
BNA_F
ClientSampleId :
BP-F16

Tgt Ion: 99 Resp: 1004349

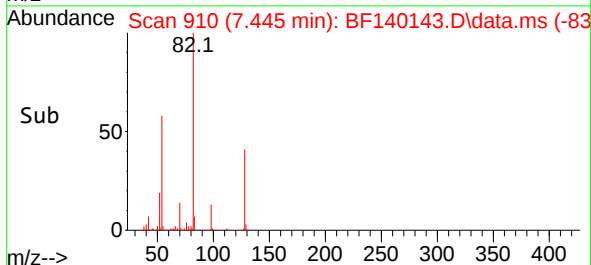
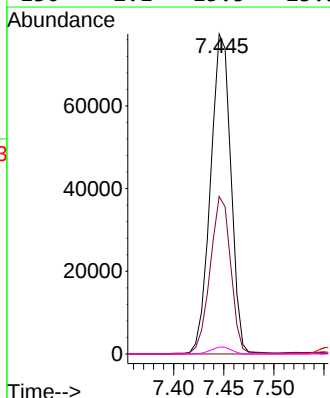
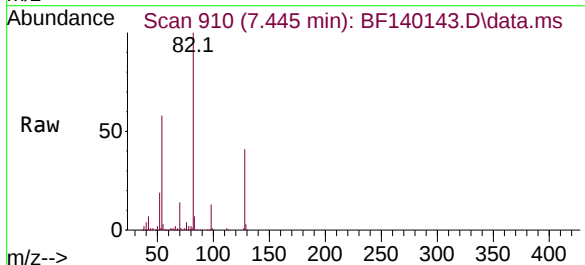
Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.7	25.1
71	36.8	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.194 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

Tgt Ion: 70 Resp: 109124

Ion	Ratio	Lower	Upper
70	100		
42	49.2	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



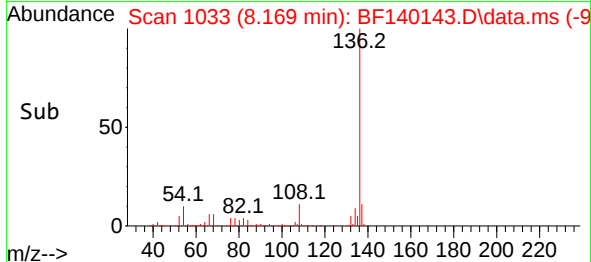
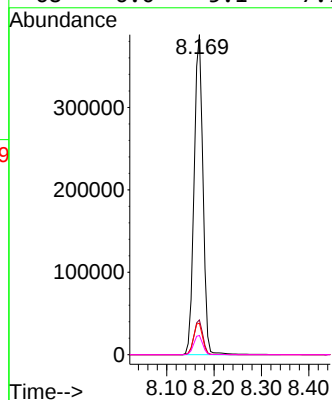
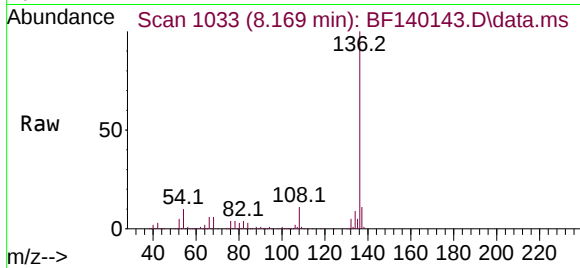


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

Instrument :
BNA_F
ClientSampleId :
BP-F16

Tgt Ion:136 Resp: 505147

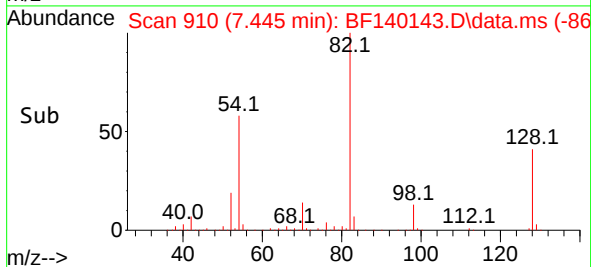
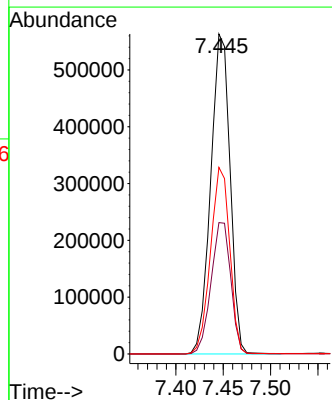
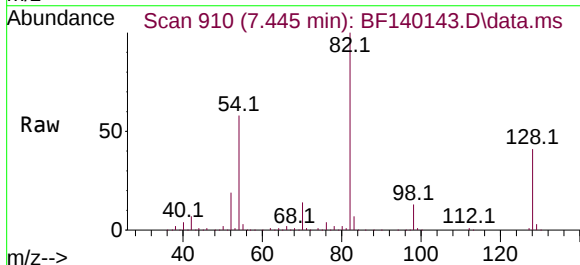
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.9	8.4	12.6
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 87.789 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

Tgt Ion: 82 Resp: 800131

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.4	50.0
54	58.3	47.8	71.8

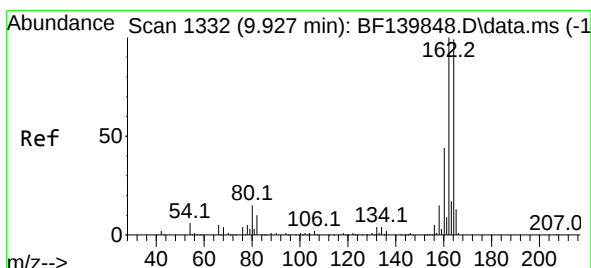
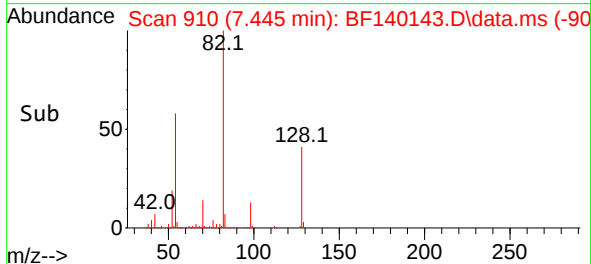
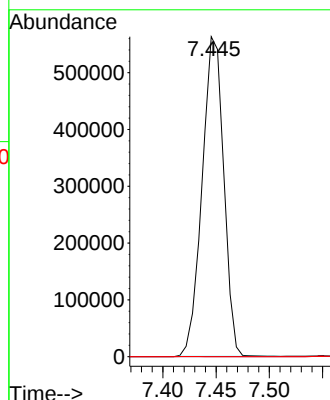
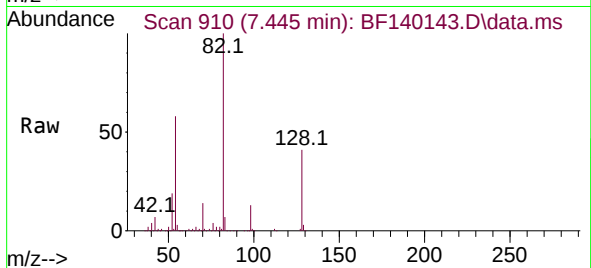




#25
Isophorone
Concen: 45.967 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

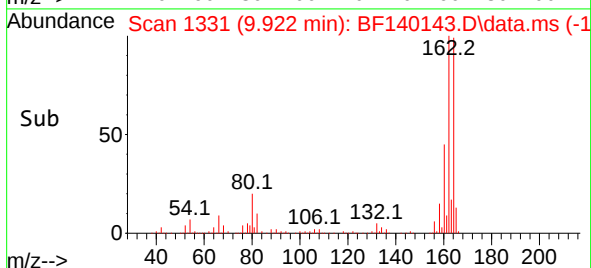
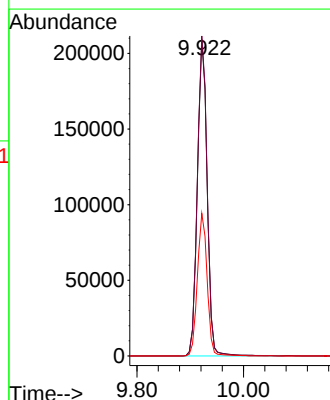
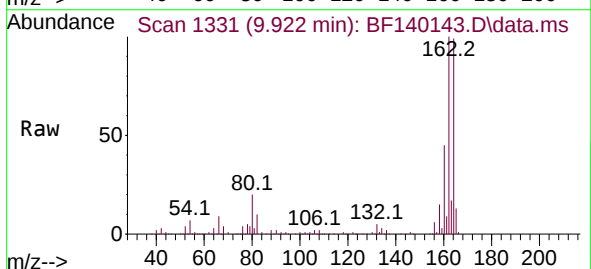
Instrument :
BNA_F
ClientSampleId :
BP-F16

Tgt Ion: 82 Resp: 795181
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: BF140143.D
Acq: 30 Oct 2024 05:58

Tgt Ion:164 Resp: 267797
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 105.258 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140143.D

Acq: 30 Oct 2024 05:58

Instrument :

BNA_F

ClientSampleId :

BP-F16

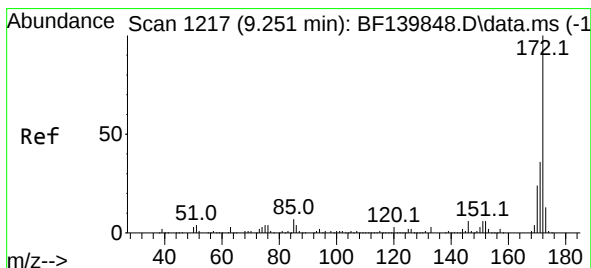
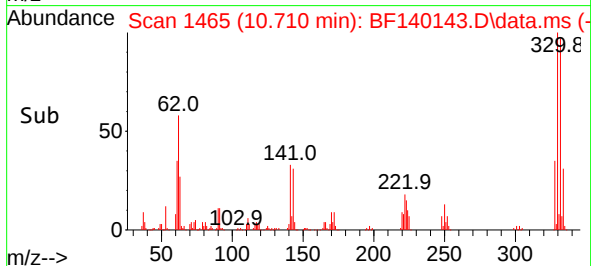
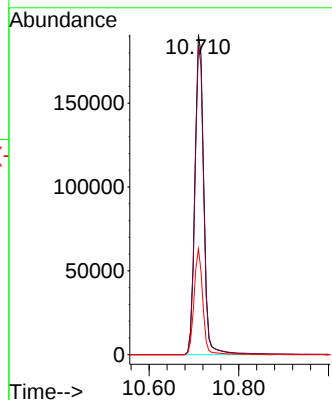
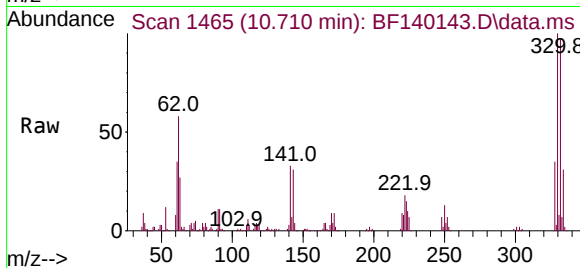
Tgt Ion:330 Resp: 263660

Ion Ratio Lower Upper

330 100

332 97.0 78.1 117.1

141 32.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 86.483 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140143.D

Acq: 30 Oct 2024 05:58

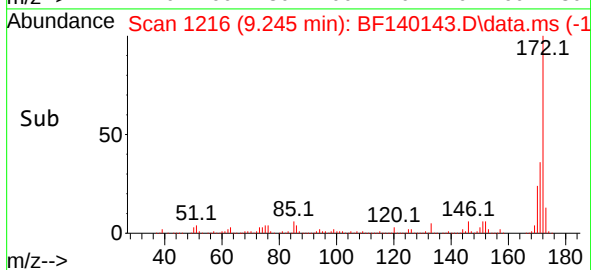
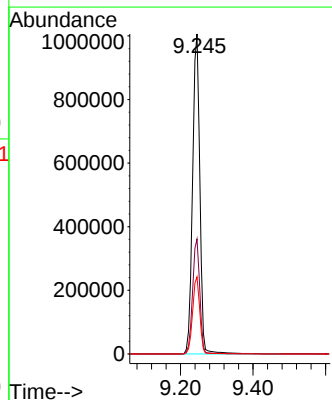
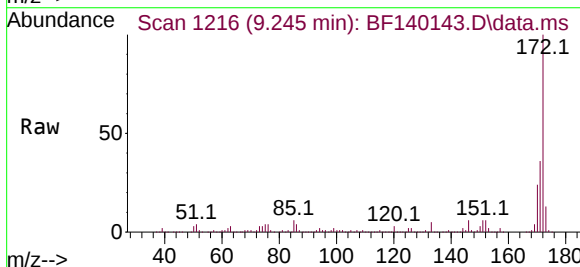
Tgt Ion:172 Resp: 1401345

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.1 19.1 28.7

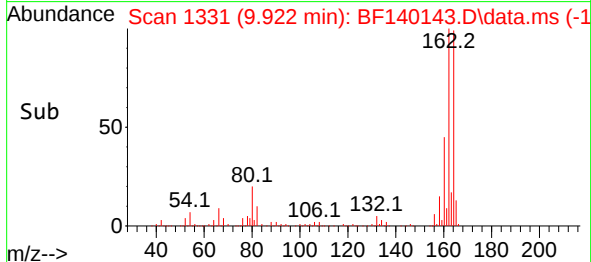
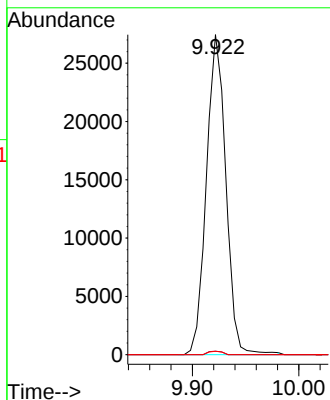
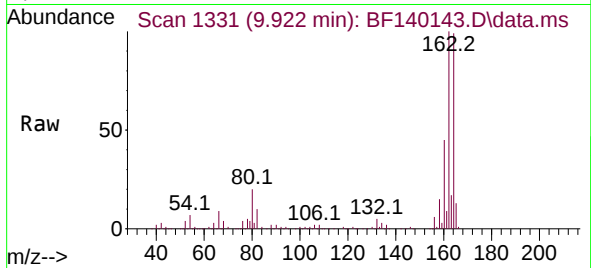




#51
2,6-Dinitrotoluene
Concen: 9.649 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

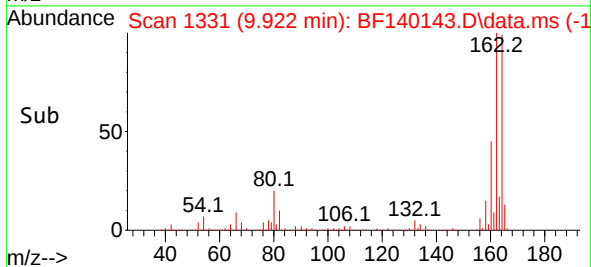
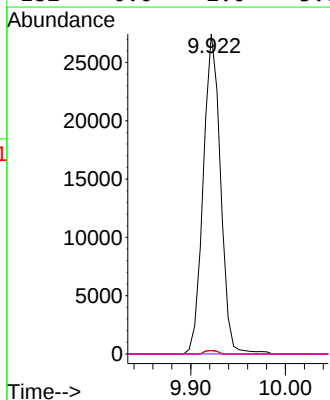
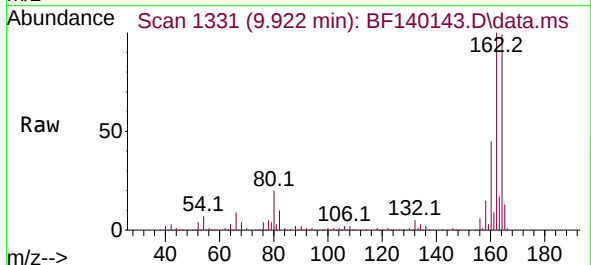
Instrument :
BNA_F
ClientSampleId :
BP-F16

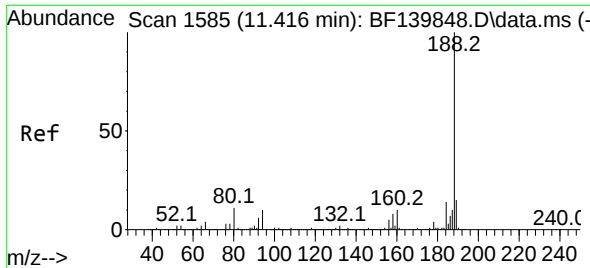
Tgt Ion:165 Resp: 34850
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.847 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

Tgt Ion:165 Resp: 34850
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

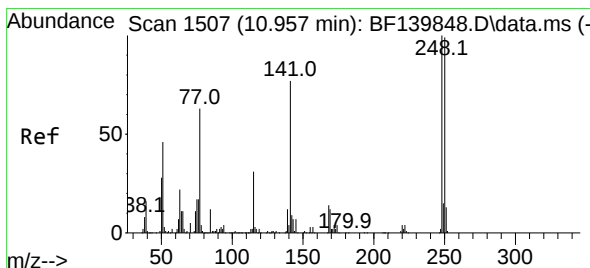
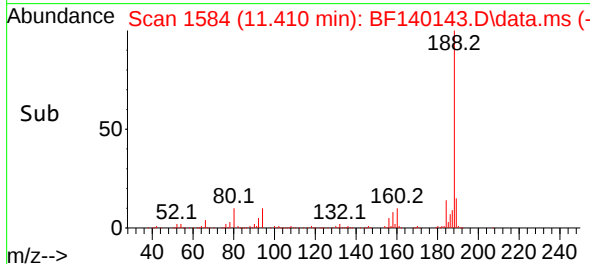
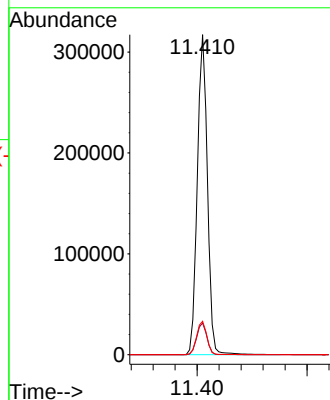
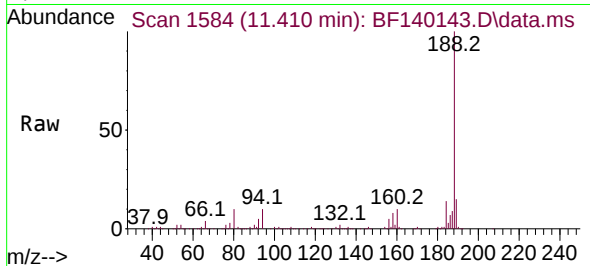




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

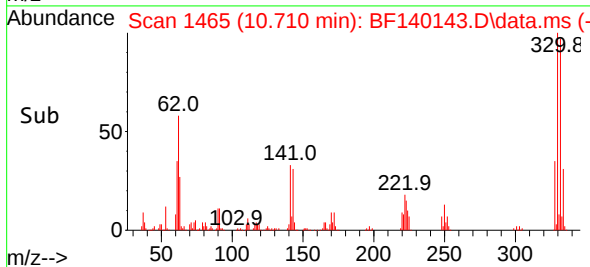
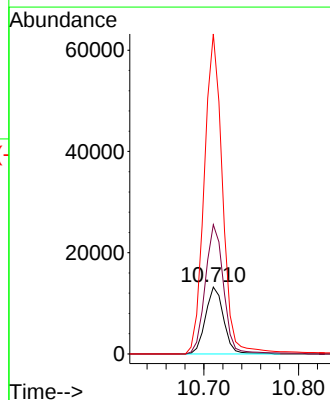
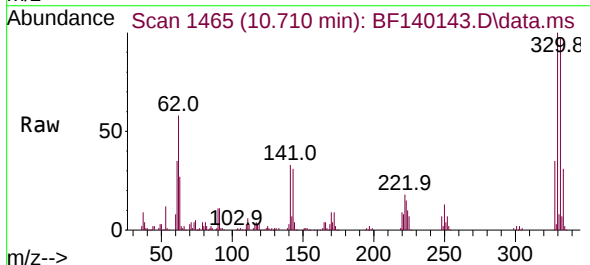
Instrument :
BNA_F
ClientSampleId :
BP-F16

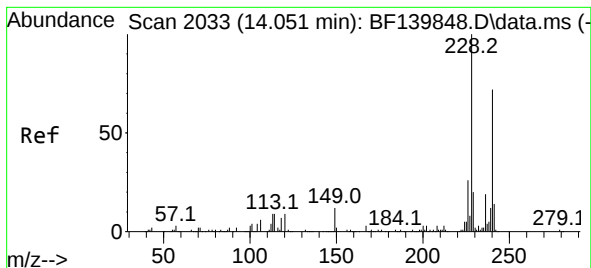
Tgt Ion:188 Resp: 404359
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.5 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.218 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

Tgt Ion:248 Resp: 17569
Ion Ratio Lower Upper
248 100
250 193.2 79.0 118.6#
141 478.0 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140143.D

Acq: 30 Oct 2024 05:58

Instrument :

BNA_F

ClientSampleId :

BP-F16

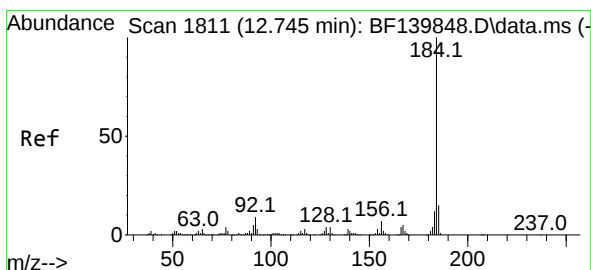
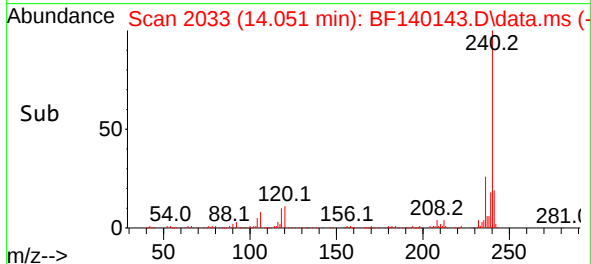
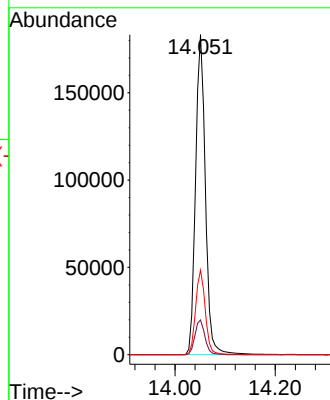
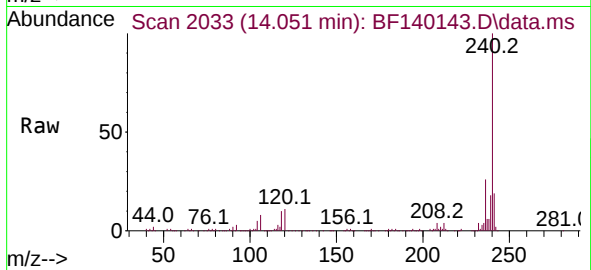
Tgt Ion:240 Resp: 249311

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.4 20.9 31.3



#77

Benzdine

Concen: 3.909 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140143.D

Acq: 30 Oct 2024 05:58

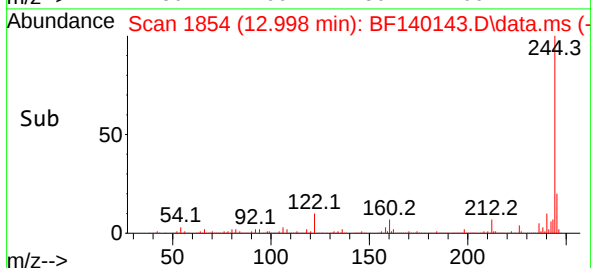
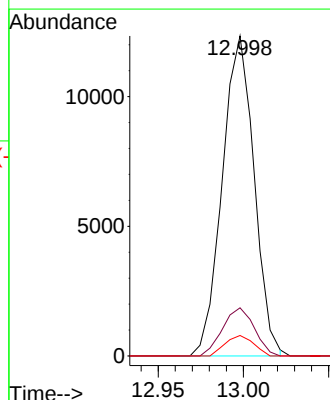
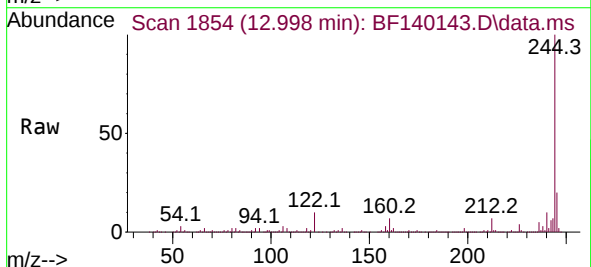
Tgt Ion:184 Resp: 16023

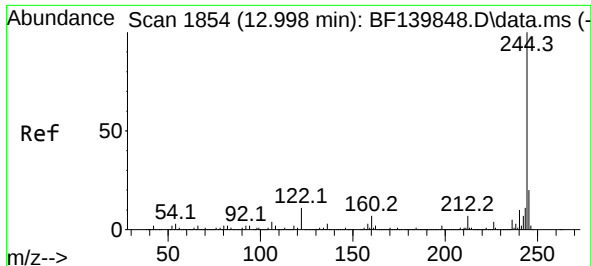
Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 6.4 9.4 14.2#

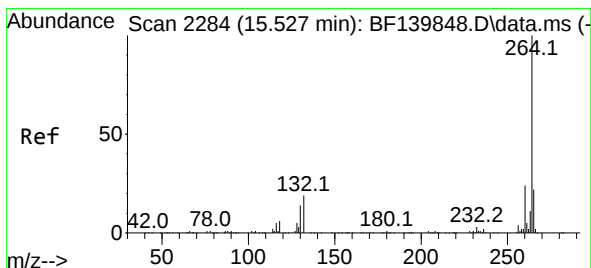
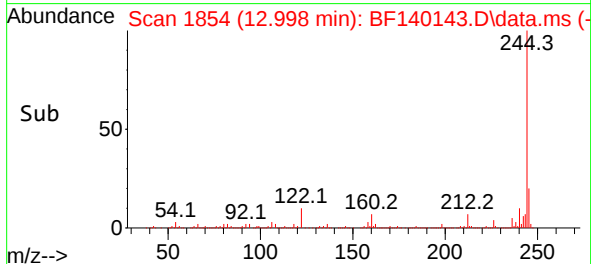
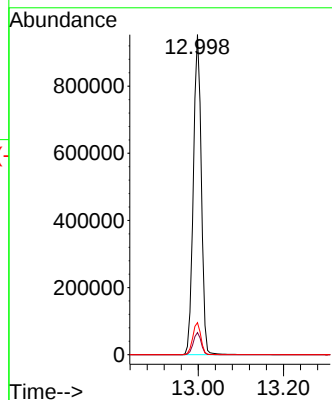
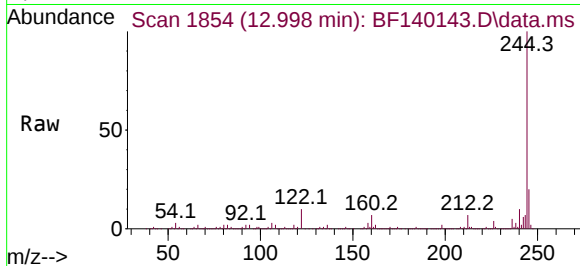




#79
Terphenyl-d14
Concen: 80.630 ng
RT: 12.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

Instrument :
BNA_F
ClientSampleId :
BP-F16

Tgt Ion:244 Resp: 1233644
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.0 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.012 min
Lab File: BF140143.D
Acq: 30 Oct 2024 05:58

Tgt Ion:264 Resp: 183532
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.6 17.4 26.0

