

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140082.D
 Acq On : 28 Oct 2024 12:55
 Operator : RC/JU
 Sample : P4561-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-19

Quant Time: Oct 28 13:25:49 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)

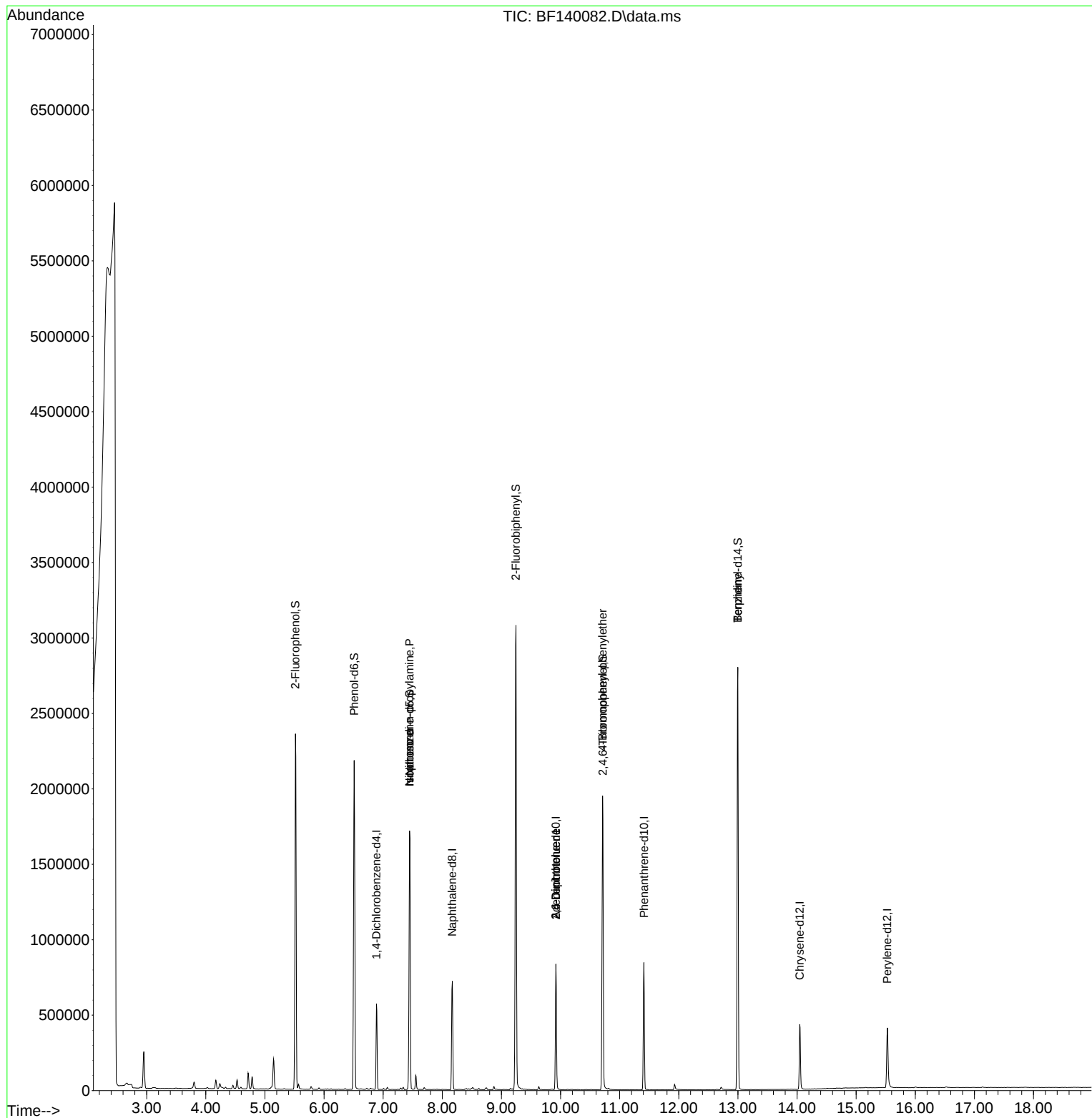
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	115048	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	443599	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	249467	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	438252	20.000	ng	0.00
76) Chrysene-d12	14.045	240	217651	20.000	ng	0.00
86) Perylene-d12	15.527	264	264867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	899283	122.368	ng	0.02
7) Phenol-d6	6.510	99	1061104	111.482	ng	0.00
23) Nitrobenzene-d5	7.445	82	817239	102.107	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	361909	155.097	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1489130	98.654	ng	0.00
79) Terphenyl-d14	12.998	244	1461236	109.398	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	111481	19.312	ng	# 77
25) Isophorone	7.445	82	812358	53.476	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	32830	9.758	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	32830	7.935	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	22737	5.036	ng	# 1
77) Benzydine	12.998	184	17972	5.022	ng	# 94

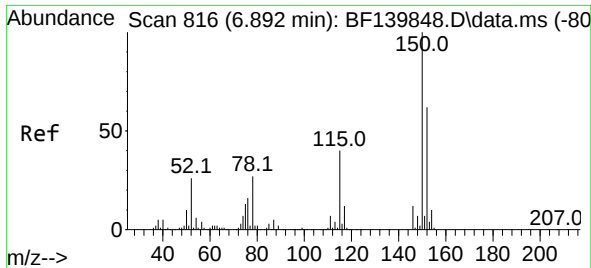
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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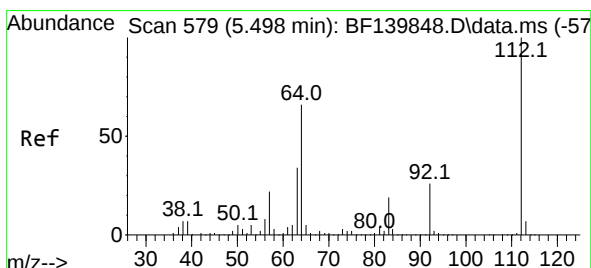
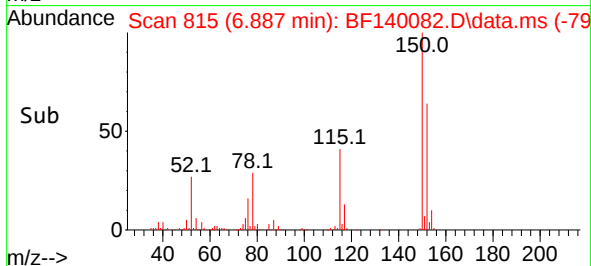
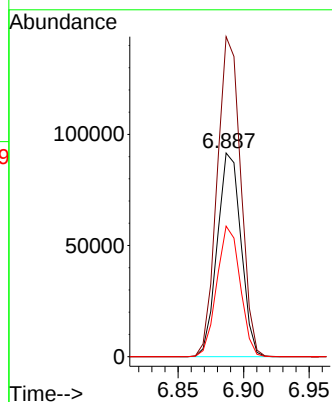
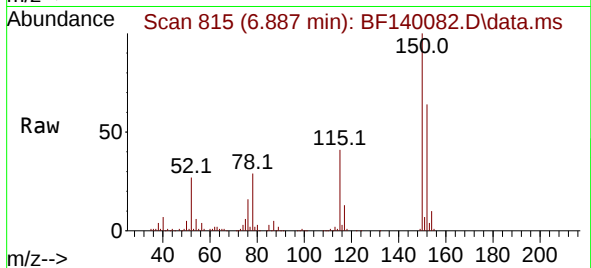




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

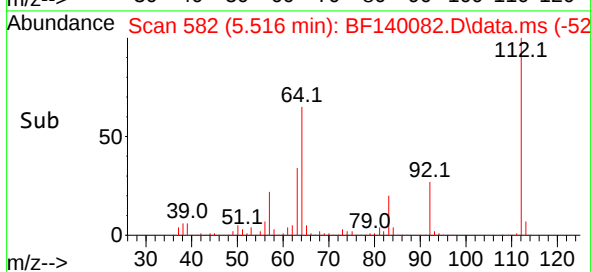
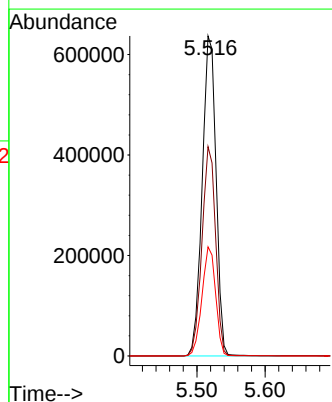
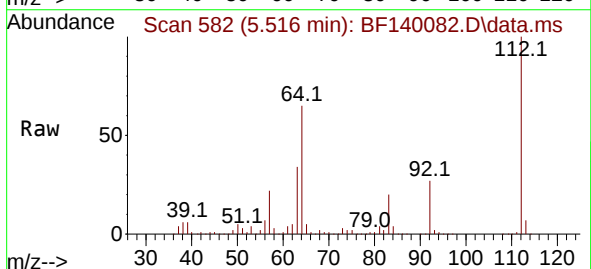
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion:152 Resp: 115048
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 64.1 51.4 77.2



#5
2-Fluorophenol
Concen: 122.368 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

Tgt Ion:112 Resp: 899283
Ion Ratio Lower Upper
112 100
64 65.4 53.0 79.6
63 34.1 27.0 40.4

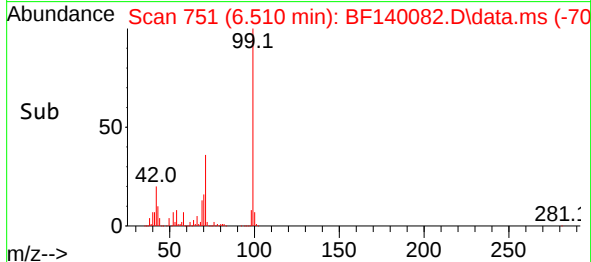
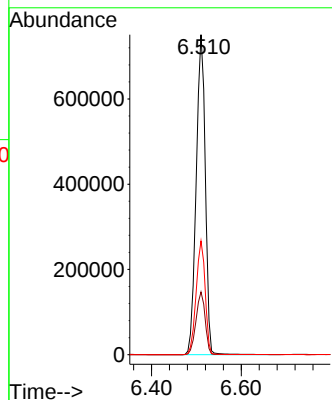
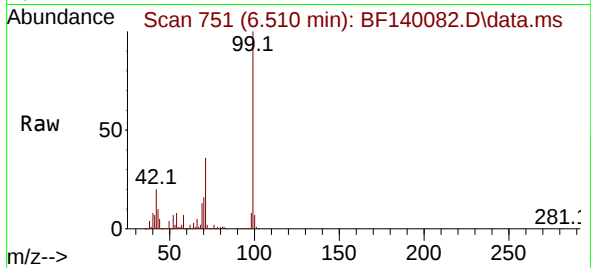




#7
Phenol-d6
Concen: 111.482 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

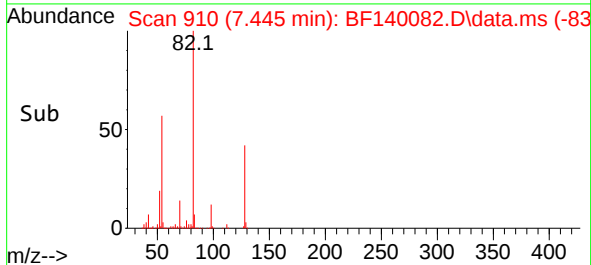
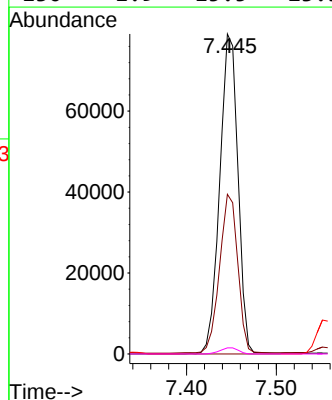
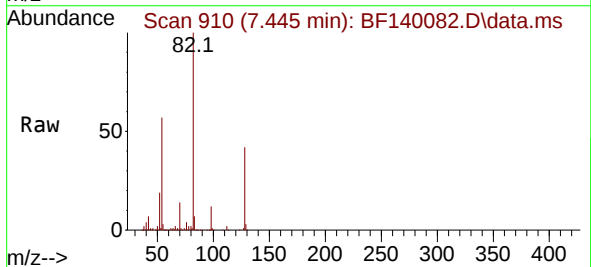
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion: 99 Resp: 1061104
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 35.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.312 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

Tgt Ion: 70 Resp: 111481
Ion Ratio Lower Upper
70 100
42 49.9 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



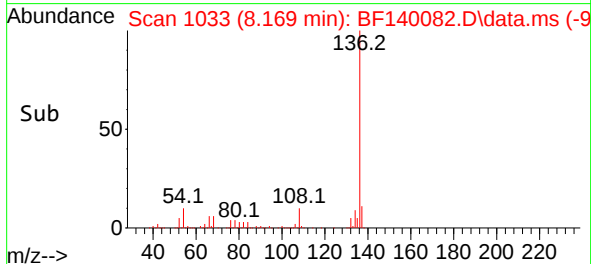
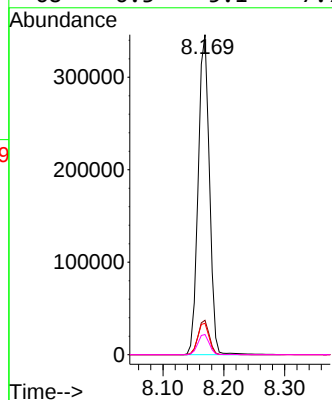
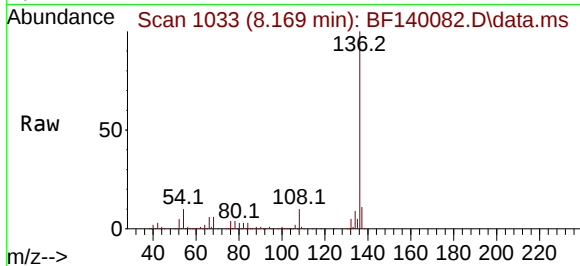


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion:136 Resp: 443599

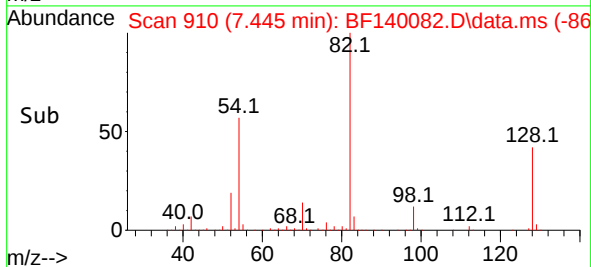
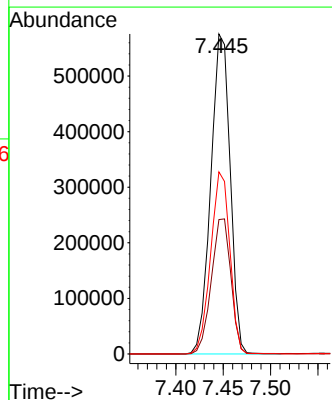
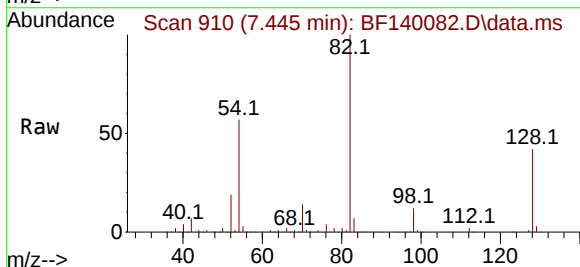
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.8	8.4	12.6
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 102.107 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

Tgt Ion: 82 Resp: 817239

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	56.9	47.8	71.8

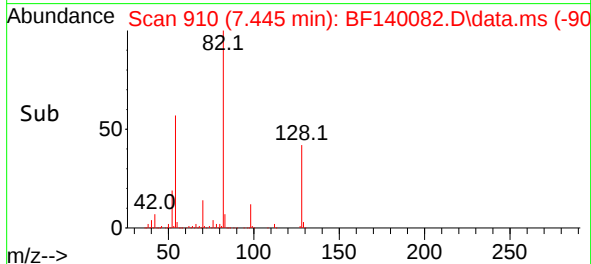
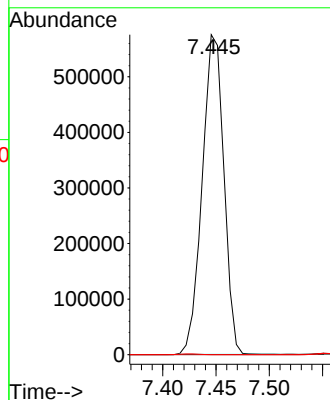
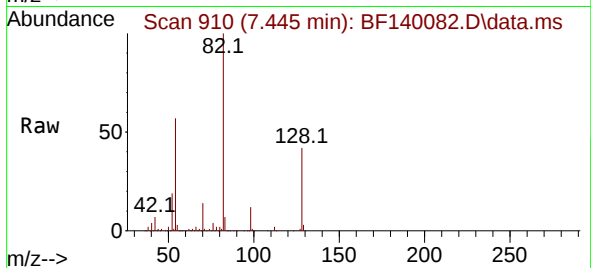




#25
Isophorone
Concen: 53.476 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.264 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

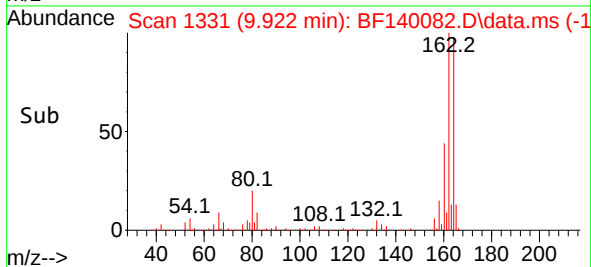
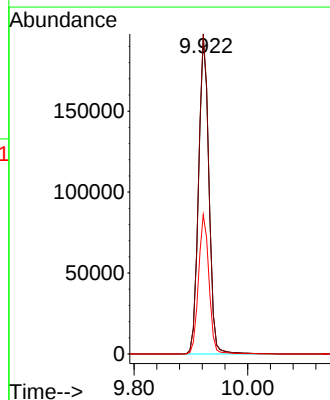
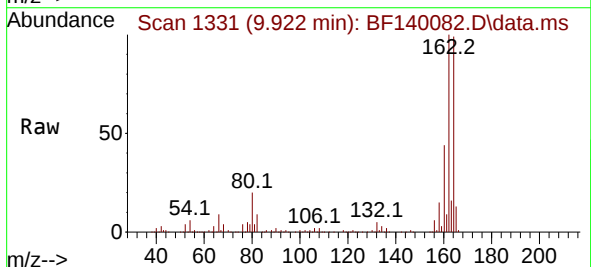
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion: 82 Resp: 812358
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: BF140082.D
Acq: 28 Oct 2024 12:55

Tgt Ion:164 Resp: 249467
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 44.1 35.4 53.0

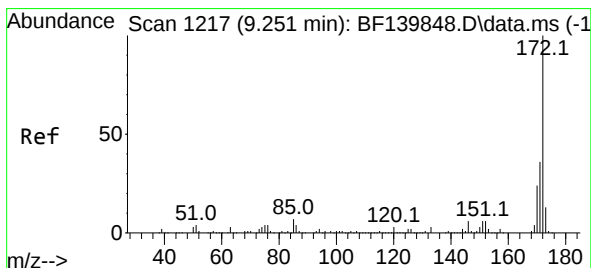
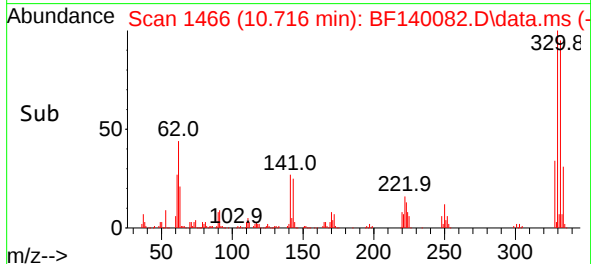
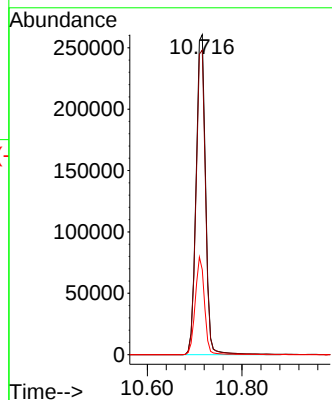
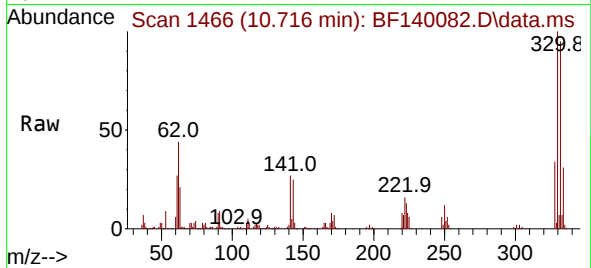




#42
2,4,6-Tribromophenol
Concen: 155.097 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

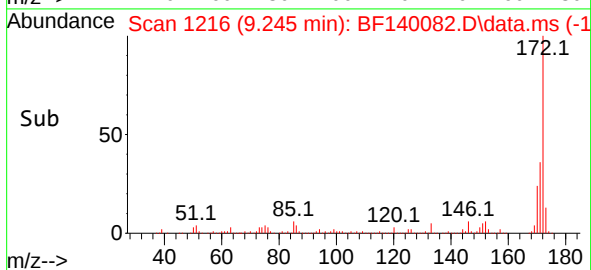
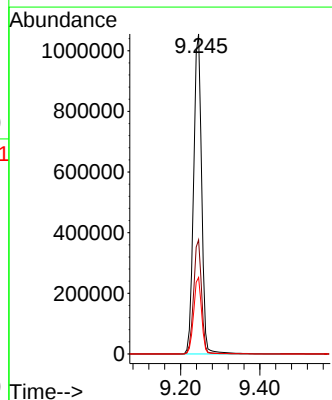
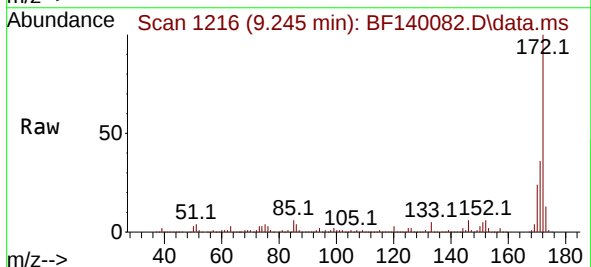
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion:330 Resp: 361909
Ion Ratio Lower Upper
330 100
332 95.3 78.1 117.1
141 30.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 98.654 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

Tgt Ion:172 Resp: 1489130
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 19.1 28.7

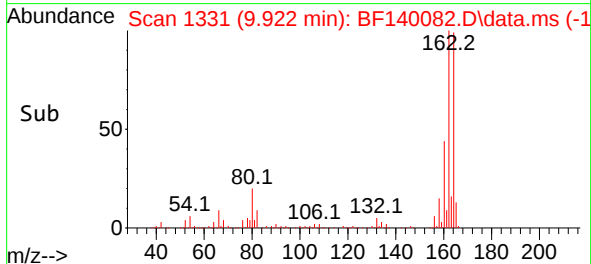
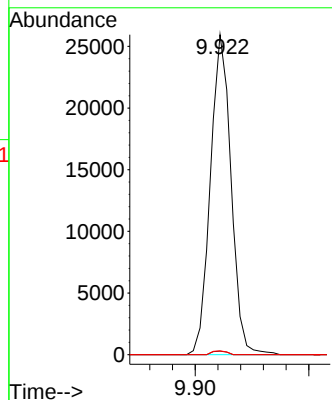
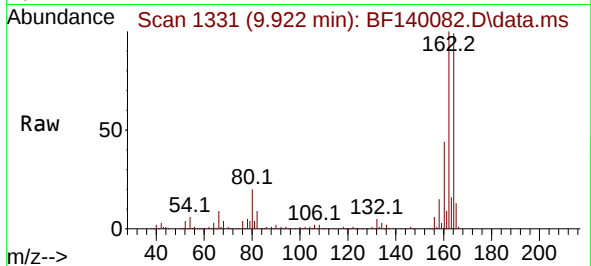




#51
2,6-Dinitrotoluene
Concen: 9.758 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

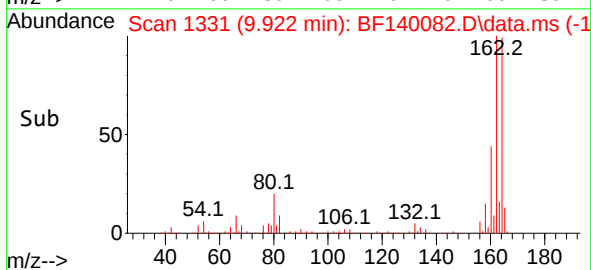
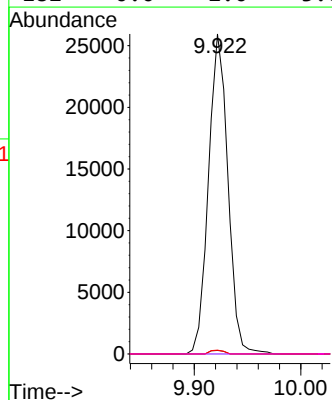
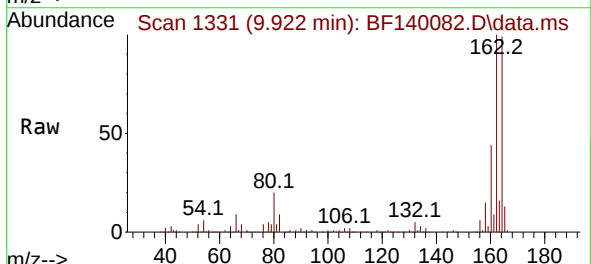
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BNA_F
ClientSampleId :
BP-F-19

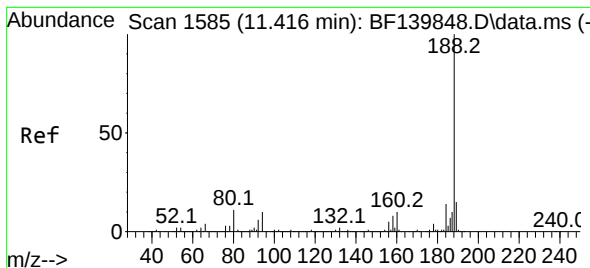
Tgt Ion:165 Resp: 32830
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.935 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140082.D
Acq: 28 Oct 2024 12:55

Tgt Ion:165 Resp: 32830
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140082.D

Acq: 28 Oct 2024 12:55

Instrument :

BNA_F

ClientSampleId :

BP-F-19

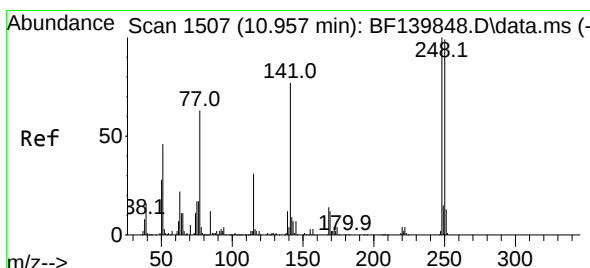
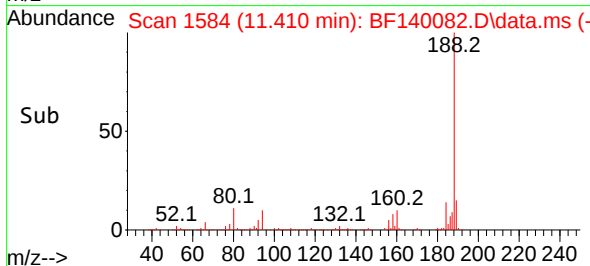
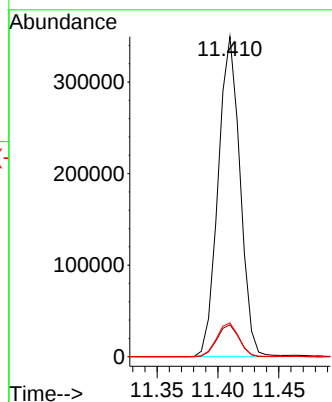
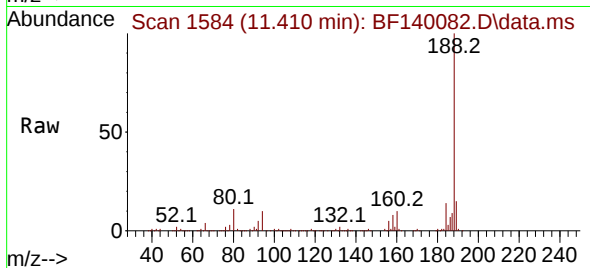
Tgt Ion:188 Resp: 438252

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.036 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140082.D

Acq: 28 Oct 2024 12:55

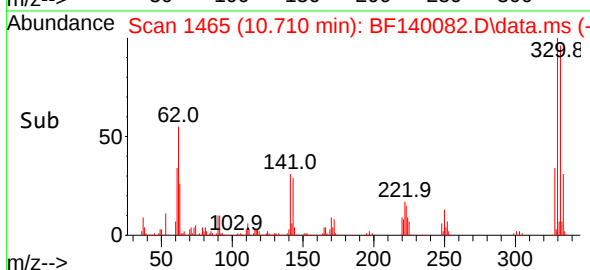
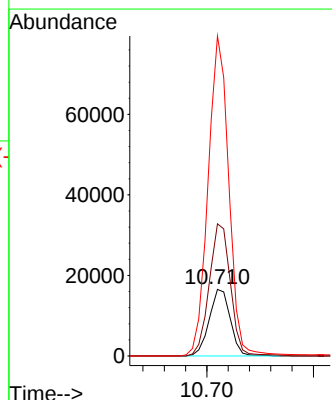
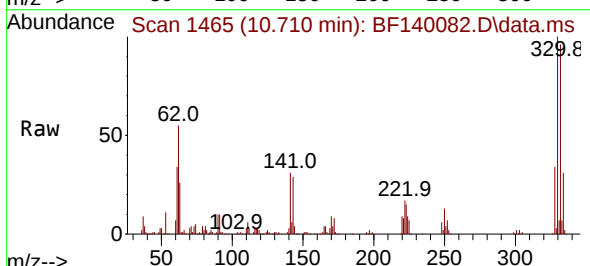
Tgt Ion:248 Resp: 22737

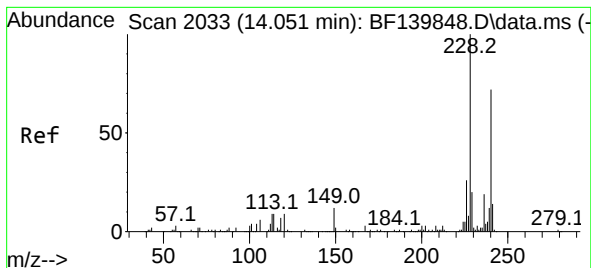
Ion Ratio Lower Upper

248 100

250 198.5 79.0 118.6#

141 480.4 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: BF140082.D

Acq: 28 Oct 2024 12:55

Instrument :

BNA_F

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BP-F-19

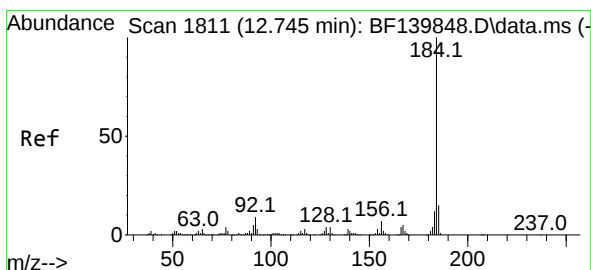
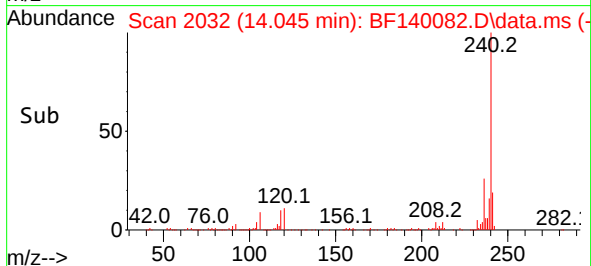
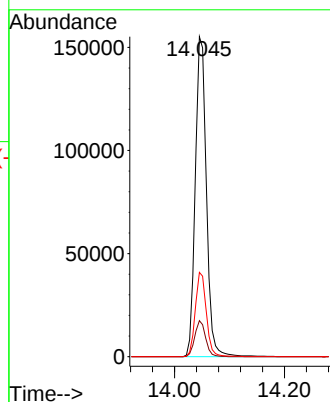
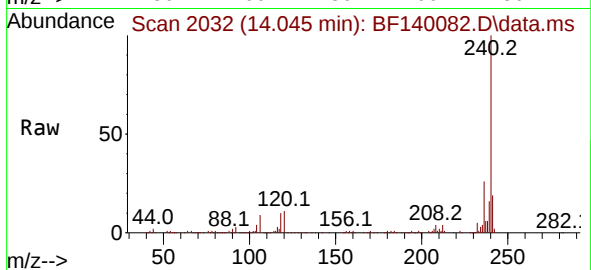
Tgt Ion:240 Resp: 217651

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 26.3 20.9 31.3



#77

Benzidine

Concen: 5.022 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140082.D

Acq: 28 Oct 2024 12:55

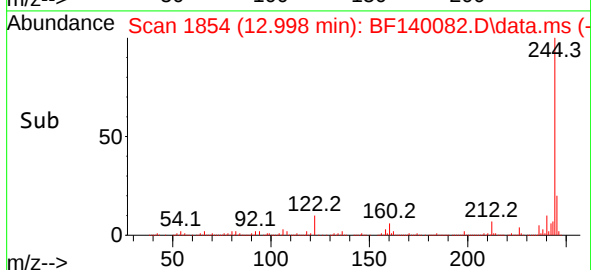
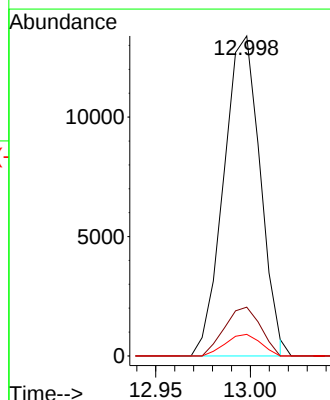
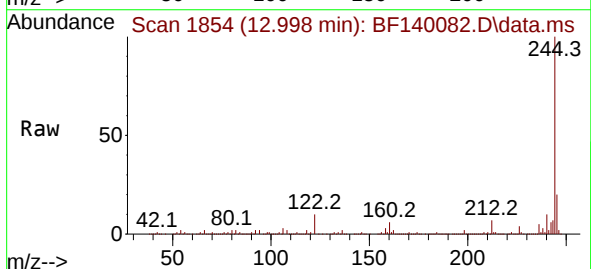
Tgt Ion:184 Resp: 17972

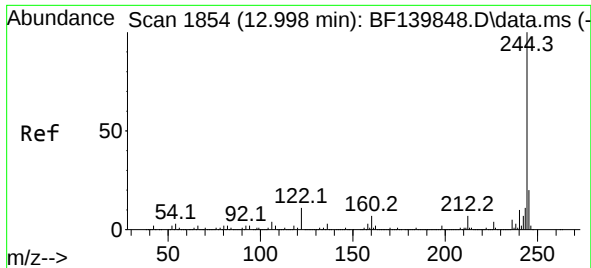
Ion Ratio Lower Upper

184 100

185 15.3 12.0 18.0

183 6.7 9.4 14.2#

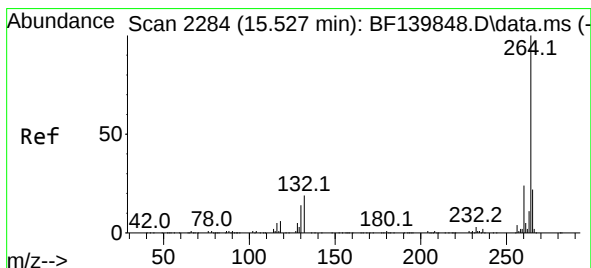
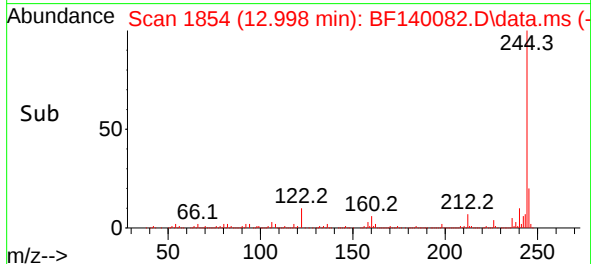
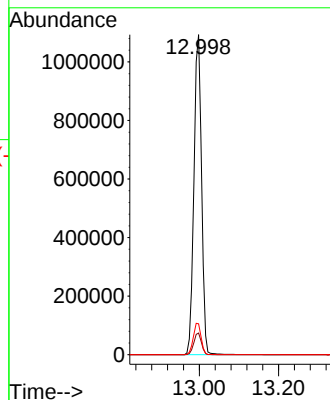
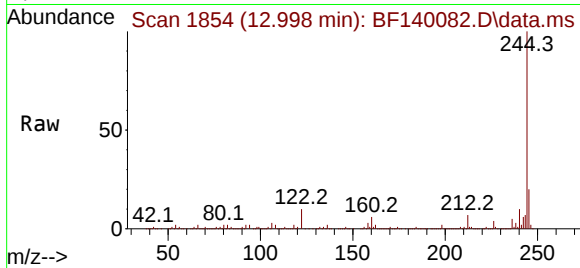




#79
 Terphenyl-d14
 Concen: 109.398 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140082.D
 Acq: 28 Oct 2024 12:55

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-19

Tgt Ion:244 Resp: 1461236
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140082.D
 Acq: 28 Oct 2024 12:55

Tgt Ion:264 Resp: 264867
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 20.7 17.4 26.0

