

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139876.D
 Acq On : 19 Oct 2024 17:21
 Operator : RC/JU
 Sample : P4425-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 21 01:42:03 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)

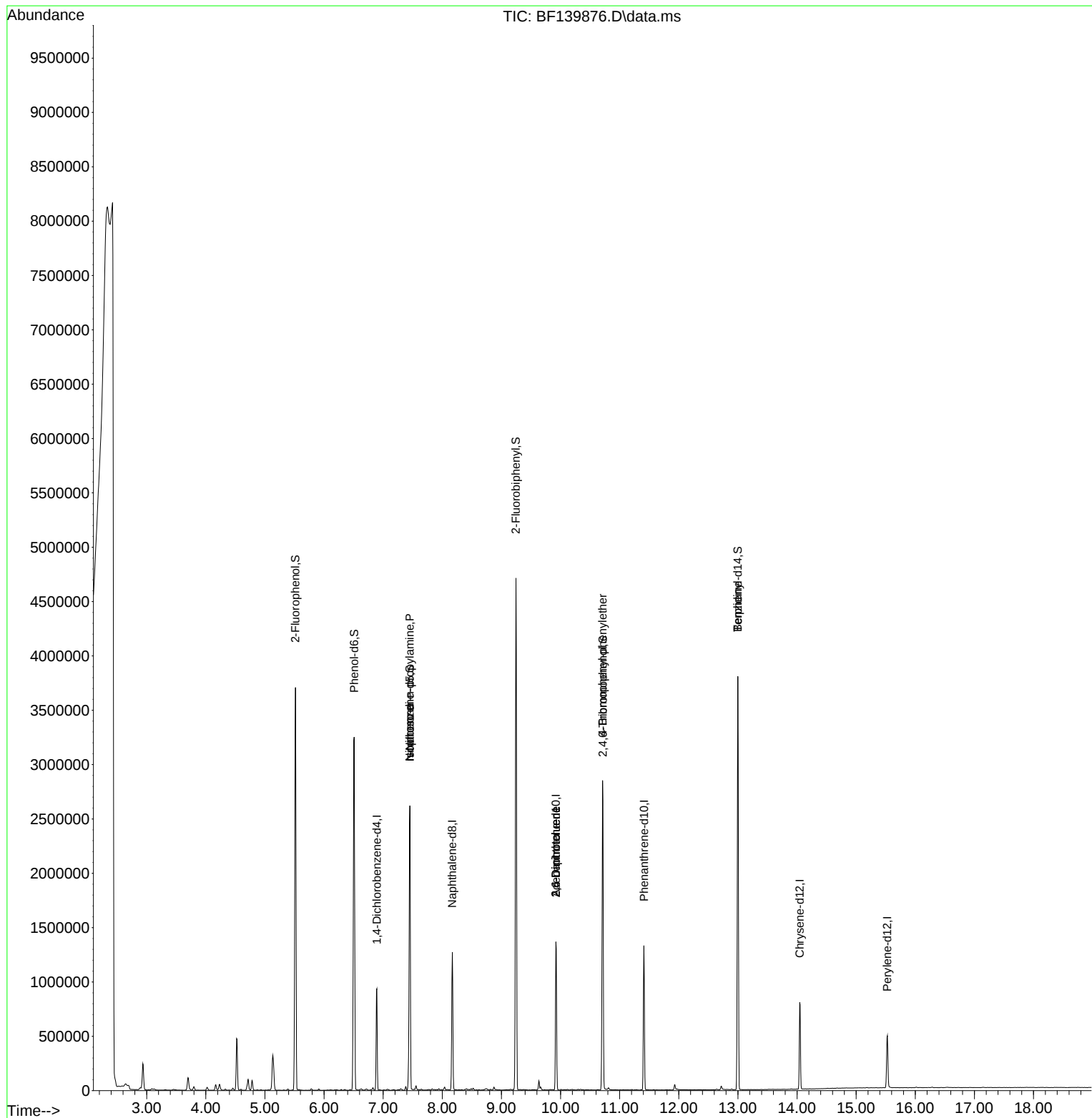
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	195862	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	748996	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	405573	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	673234	20.000	ng	0.00
76) Chrysene-d12	14.045	240	377546	20.000	ng	0.00
86) Perylene-d12	15.527	264	257410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1423359	113.766	ng	0.02
7) Phenol-d6	6.510	99	1683588	103.899	ng	0.00
23) Nitrobenzene-d5	7.451	82	1199819	88.783	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	502863	132.555	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2086861	85.039	ng	0.00
79) Terphenyl-d14	12.998	244	1871814	80.787	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	165896	16.880	ng	# 78
25) Isophorone	7.451	82	1197937	46.704	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	52756	9.645	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	52756	7.843	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	33239	4.793	ng	# 1
77) Benzidine	12.998	184	23426	3.773	ng	# 92

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

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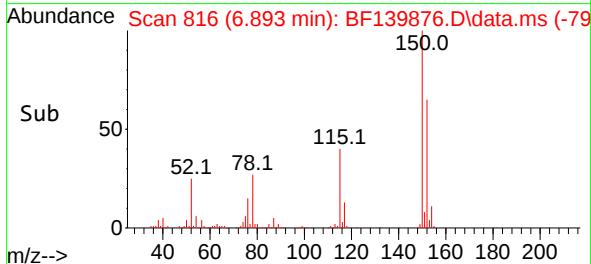
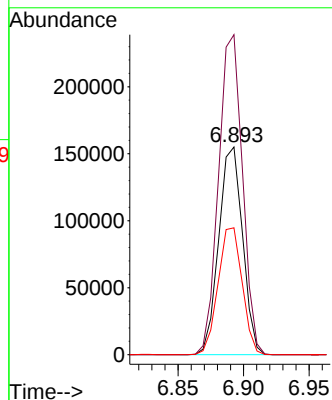
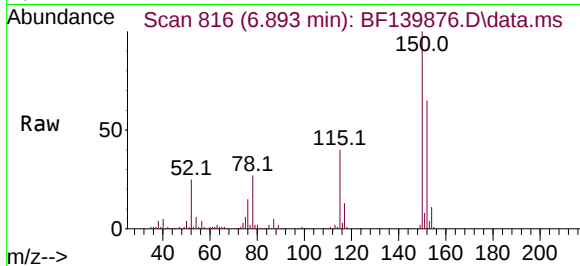




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

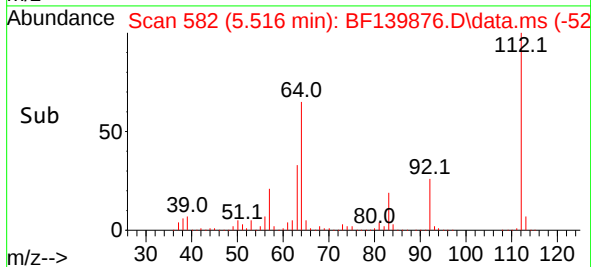
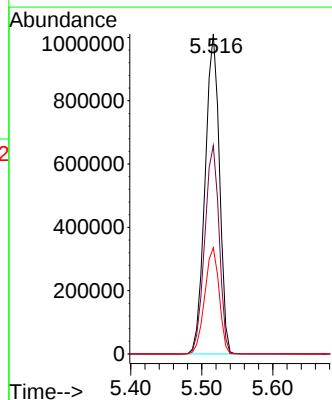
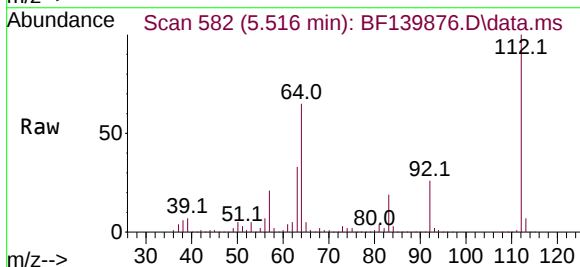
Instrument :
BNA_F
ClientSampleId :
TP-2

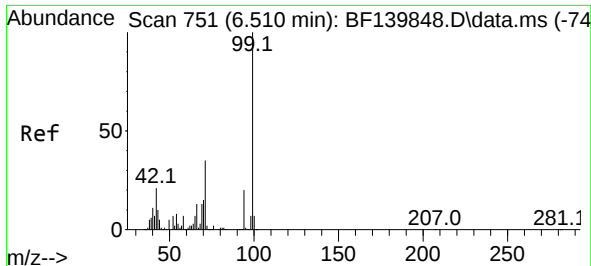
Tgt Ion:152 Resp: 195862
Ion Ratio Lower Upper
152 100
150 154.1 130.2 195.2
115 61.1 51.4 77.2



#5
2-Fluorophenol
Concen: 113.766 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

Tgt Ion:112 Resp: 1423359
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 33.2 27.0 40.4



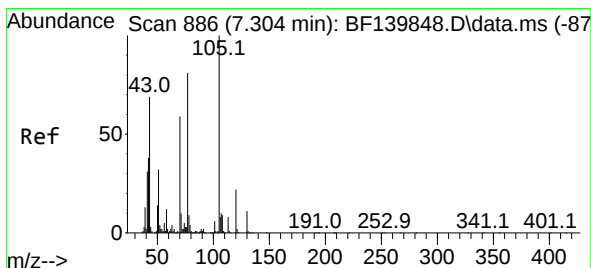
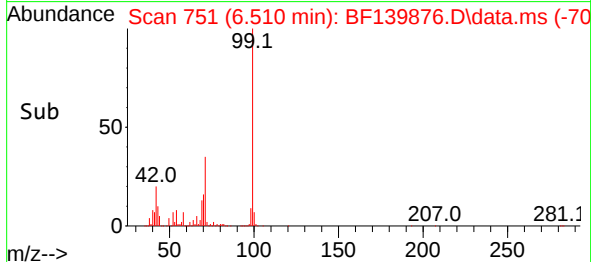
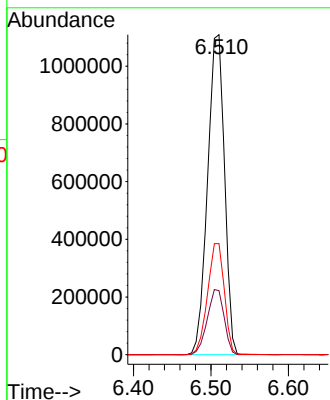
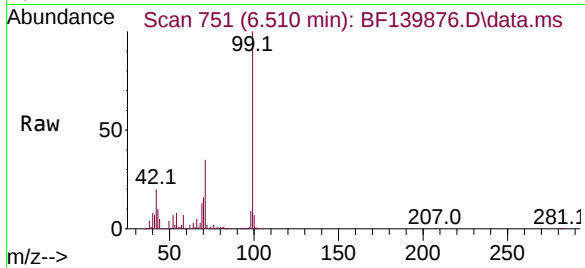


#7
Phenol-d6
Concen: 103.899 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 1683588

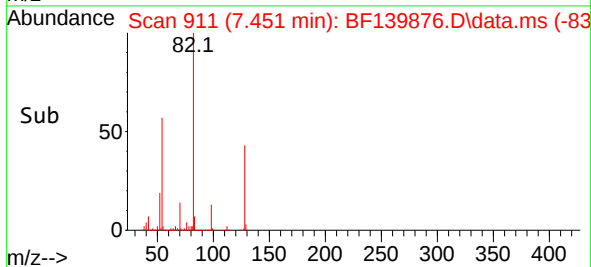
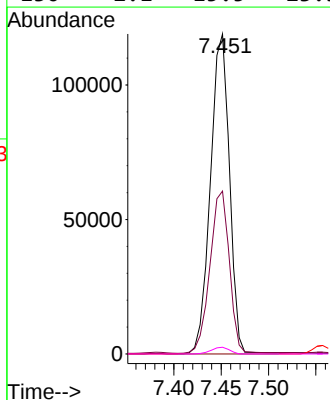
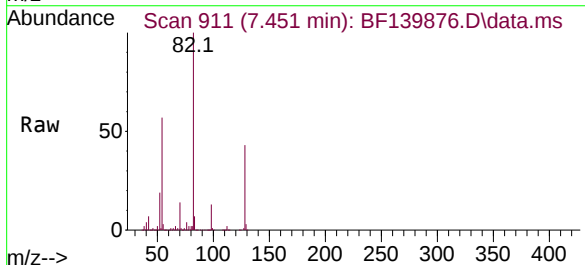
Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.7	25.1
71	34.7	27.7	41.5

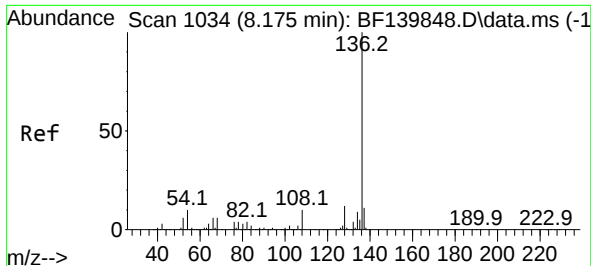


#19
n-Nitroso-di-n-propylamine
Concen: 16.880 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

Tgt Ion: 70 Resp: 165896

Ion	Ratio	Lower	Upper
70	100		
42	50.9	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



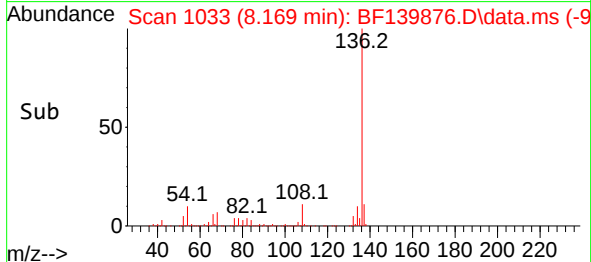
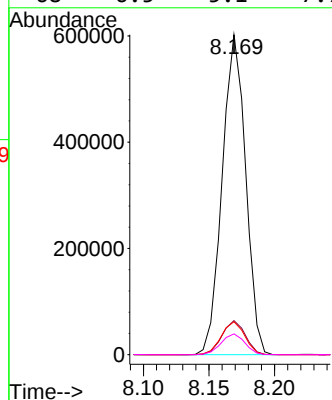
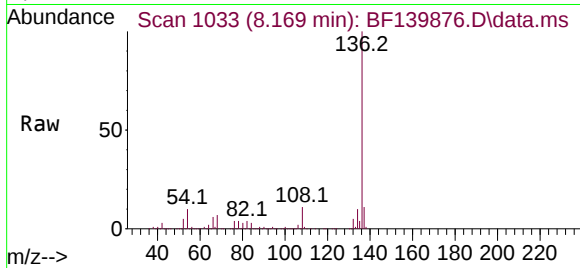


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 748996

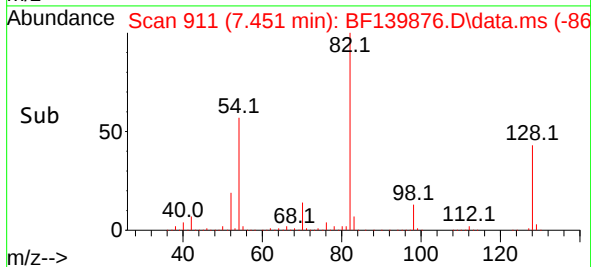
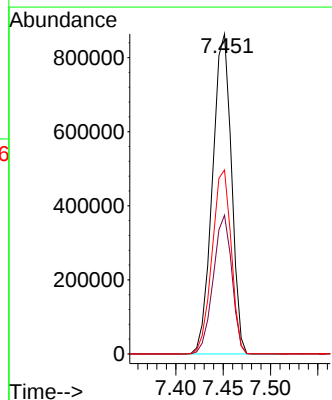
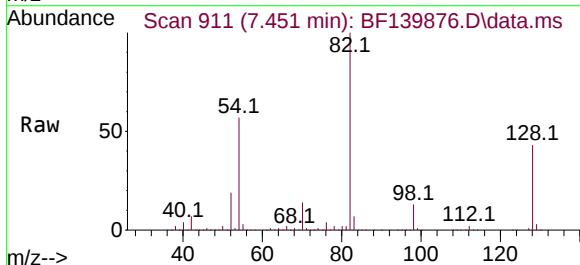
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	10.3	8.4	12.6
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.783 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

Tgt Ion: 82 Resp: 1199819

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.0
54	57.5	47.8	71.8

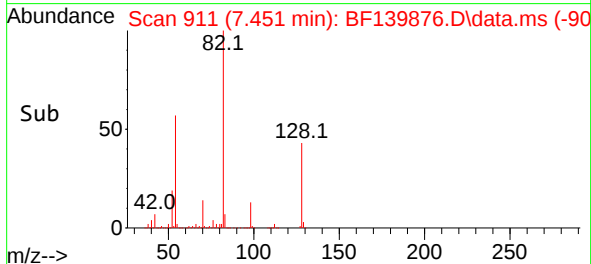
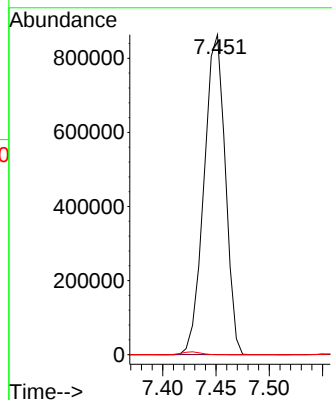
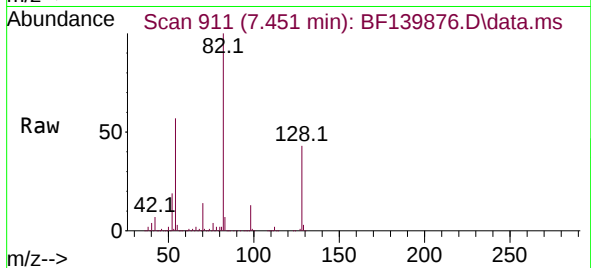




#25
Isophorone
Concen: 46.704 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

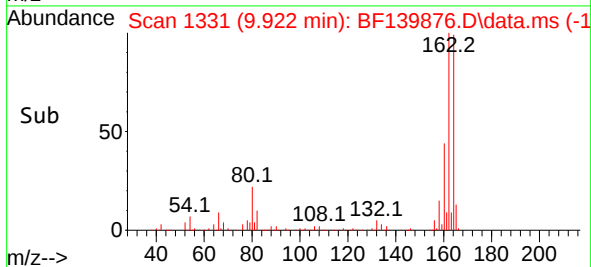
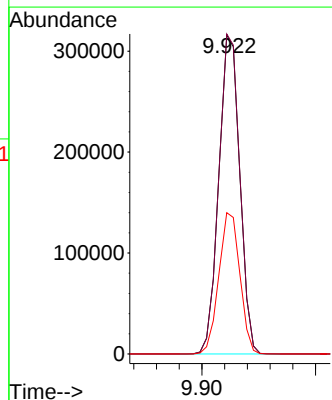
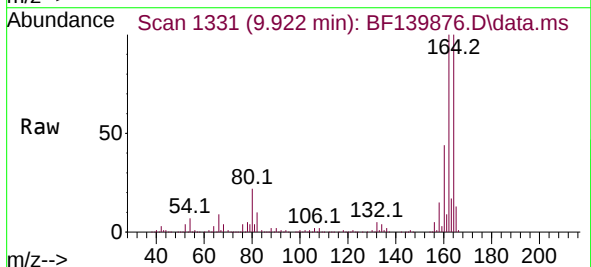
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 1197937
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: BF139876.D
Acq: 19 Oct 2024 17:21

Tgt Ion: 164 Resp: 405573
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.3 35.4 53.0

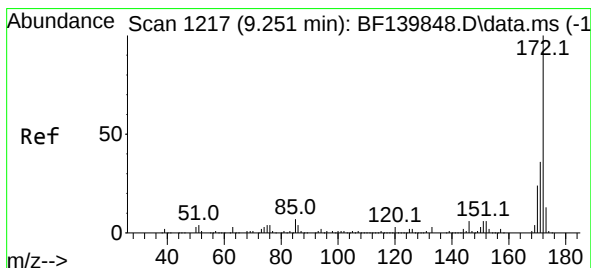
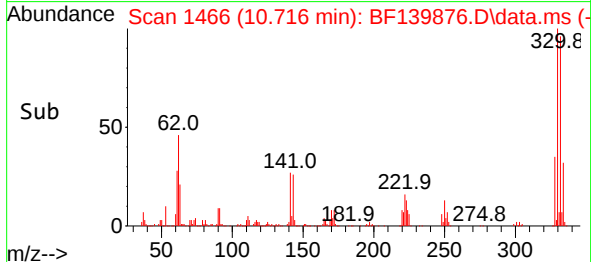
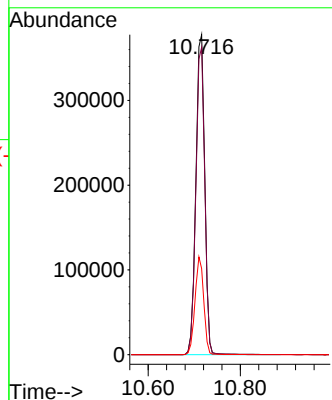
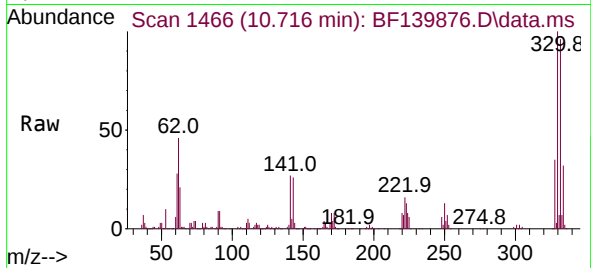




#42
2,4,6-Tribromophenol
Concen: 132.555 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

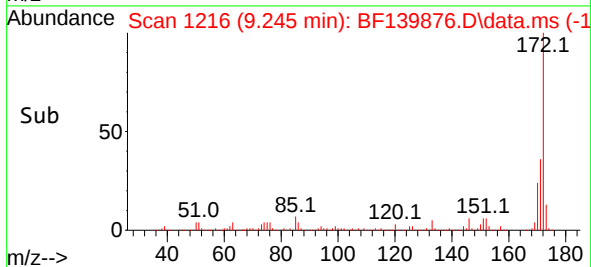
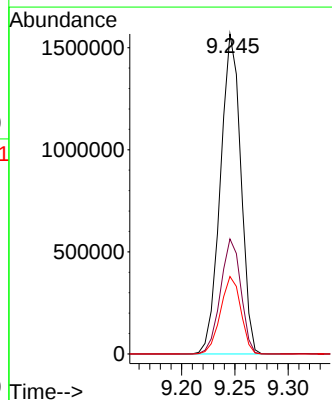
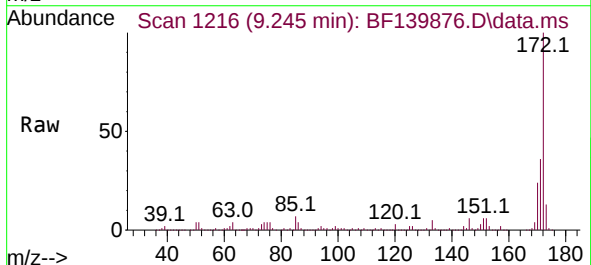
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:330 Resp: 502863
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 30.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 85.039 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

Tgt Ion:172 Resp: 2086861
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.2 19.1 28.7

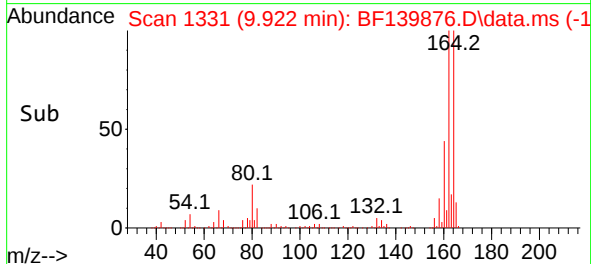
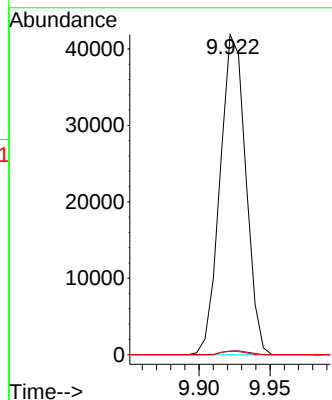
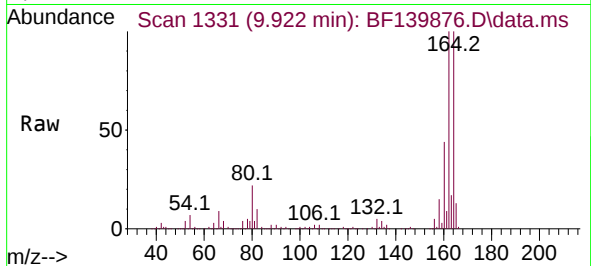




#51
2,6-Dinitrotoluene
Concen: 9.645 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

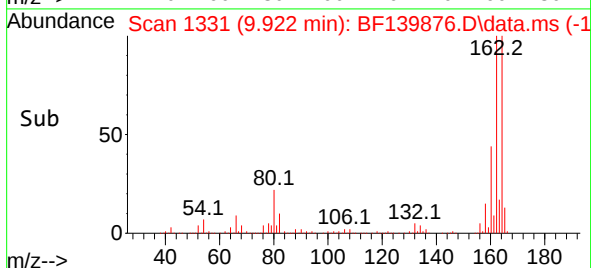
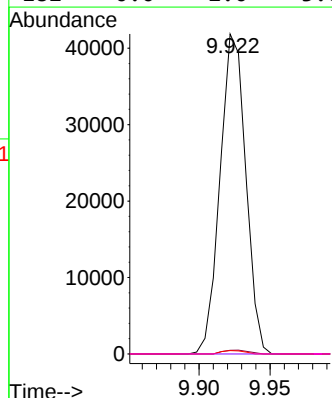
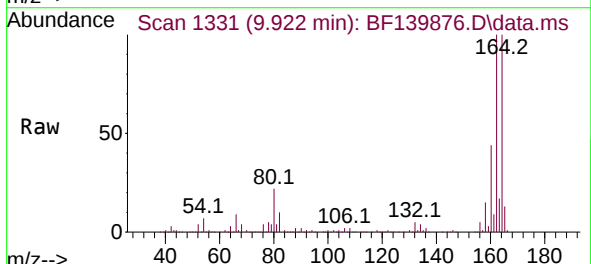
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ClientSampleId :
TP-2

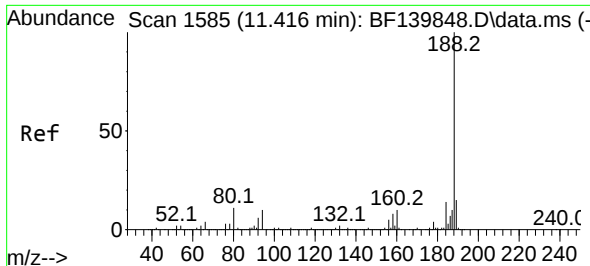
Tgt Ion:165 Resp: 52756
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.843 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

Tgt Ion:165 Resp: 52756
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

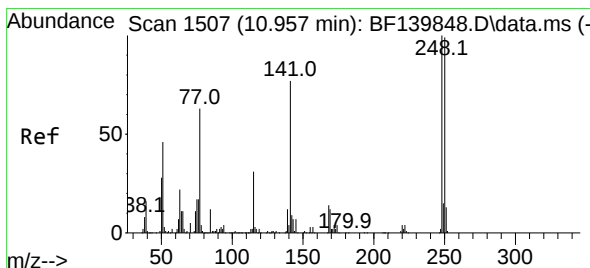
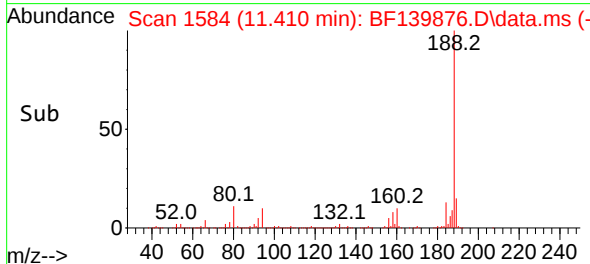
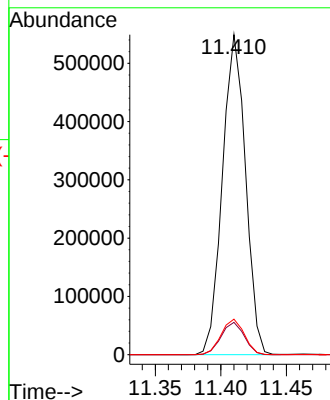
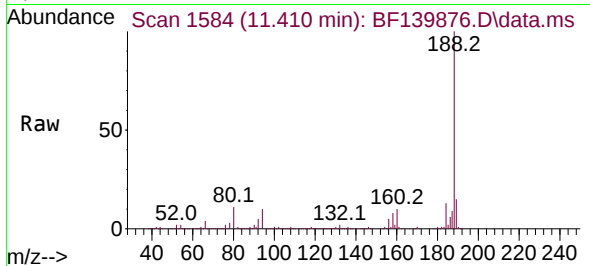




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

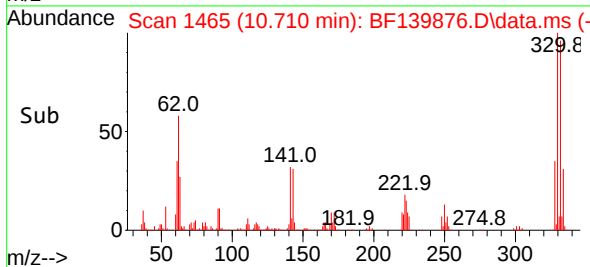
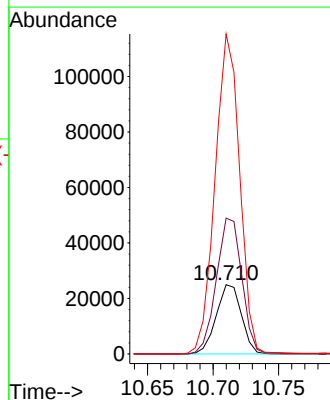
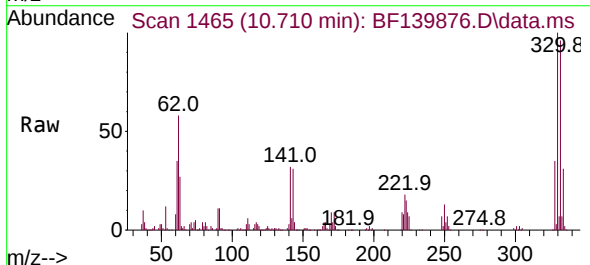
Instrument :
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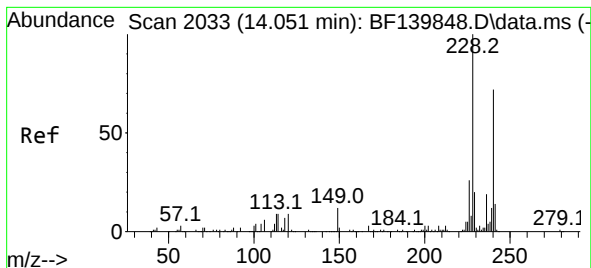
Tgt Ion:188 Resp: 673234
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.1 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.793 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139876.D
Acq: 19 Oct 2024 17:21

Tgt Ion:248 Resp: 33239
Ion Ratio Lower Upper
248 100
250 196.1 79.0 118.6#
141 461.8 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139876.D

Acq: 19 Oct 2024 17:21

Instrument :

BNA_F

ClientSampleId :

TP-2

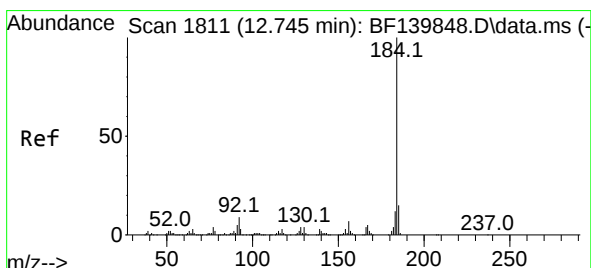
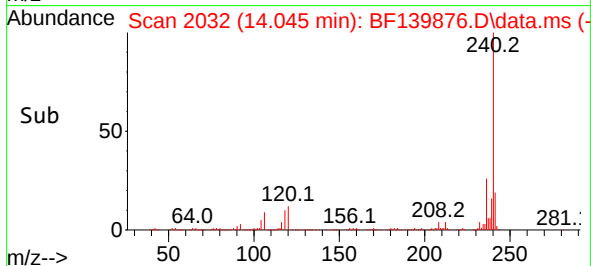
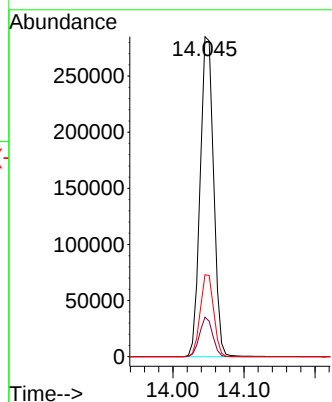
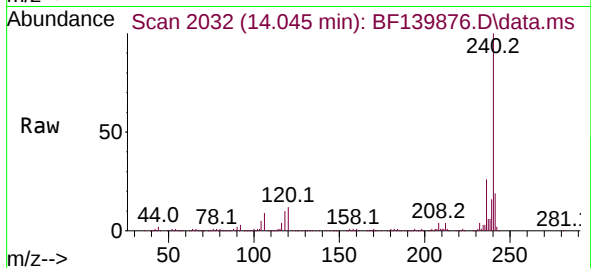
Tgt Ion:240 Resp: 377546

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

236 25.6 20.9 31.3



#77

Benzidine

Concen: 3.773 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF139876.D

Acq: 19 Oct 2024 17:21

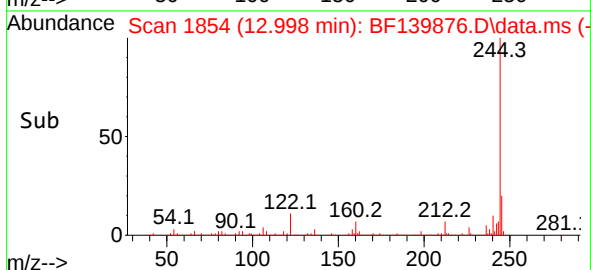
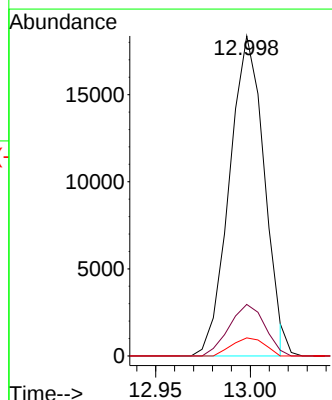
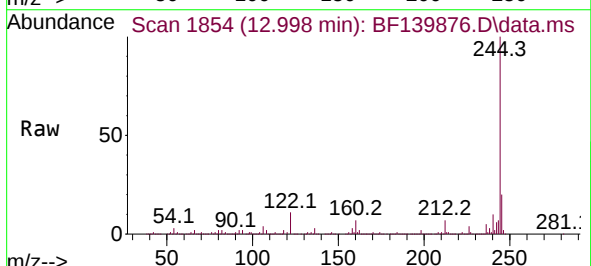
Tgt Ion:184 Resp: 23426

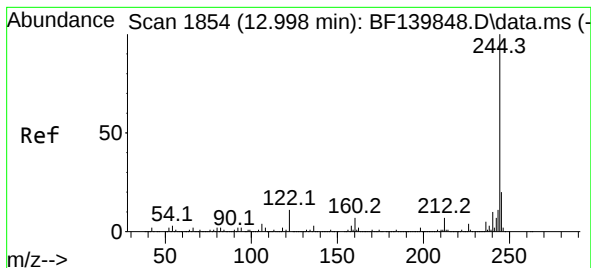
Ion Ratio Lower Upper

184 100

185 16.1 12.0 18.0

183 5.7 9.4 14.2#





#79

Terphenyl-d14

Concen: 80.787 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139876.D

Acq: 19 Oct 2024 17:21

Instrument :

BNA_F

ClientSampleId :

TP-2

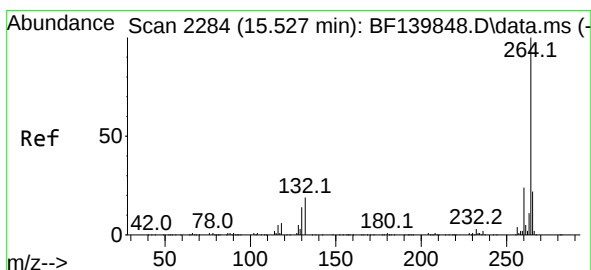
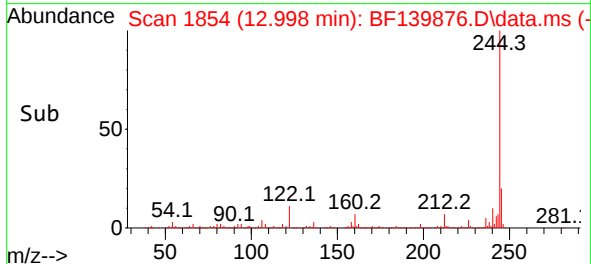
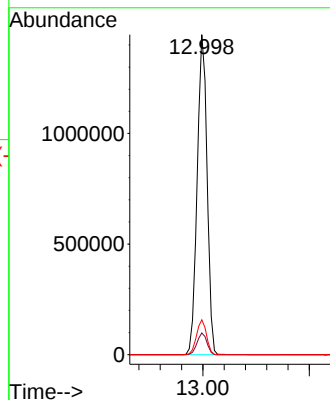
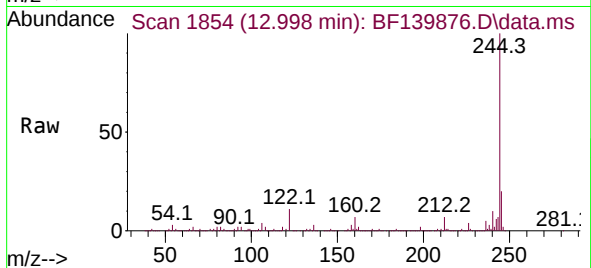
Tgt Ion:244 Resp: 1871814

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.9 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: BF139876.D

Acq: 19 Oct 2024 17:21

Tgt Ion:264 Resp: 257410

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 20.8 17.4 26.0

