

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139930.D
 Acq On : 22 Oct 2024 16:01
 Operator : RC/JU
 Sample : P4419-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1

Quant Time: Oct 22 16:41:22 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)

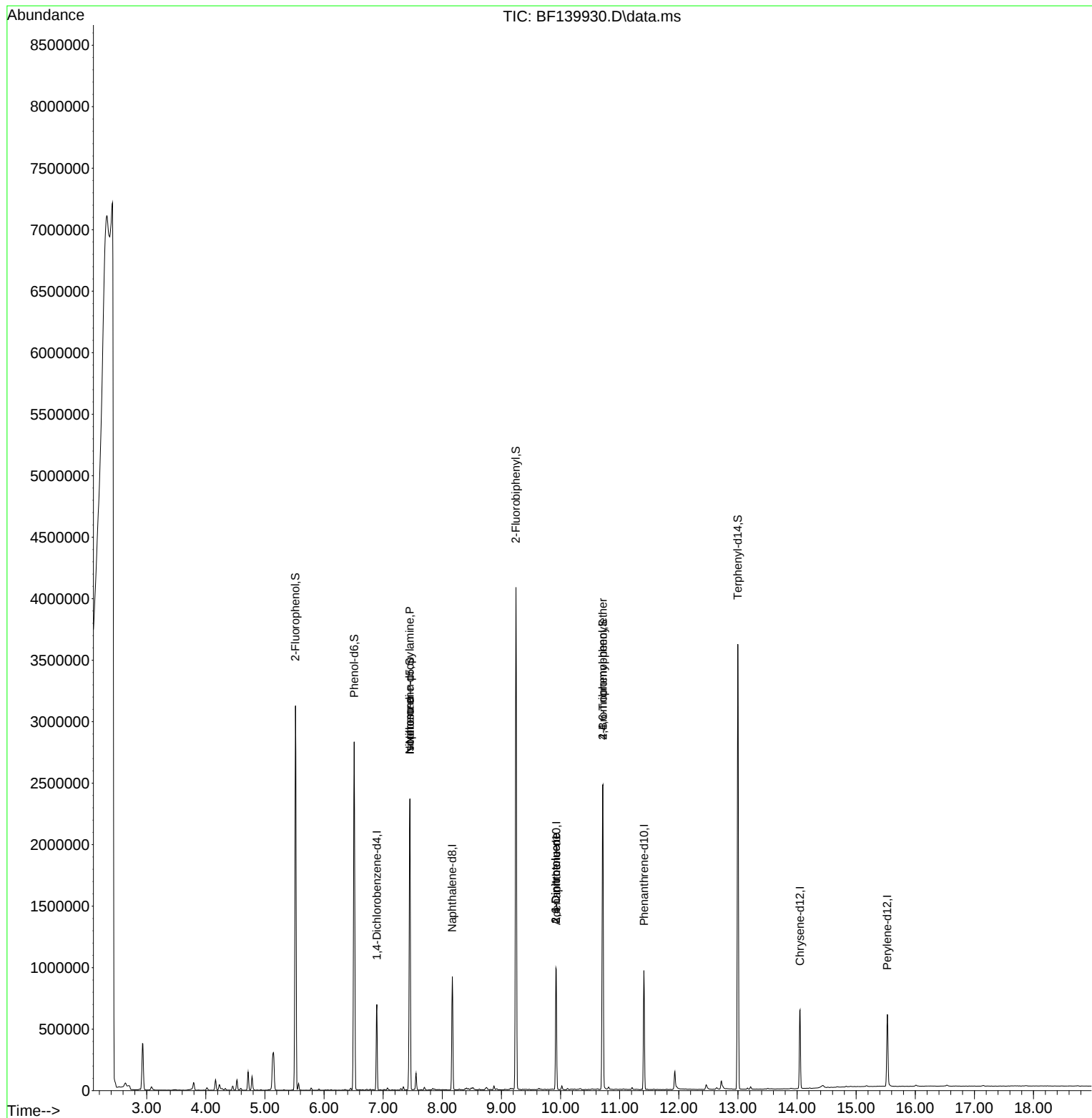
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	141170	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	543197	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	301482	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	495516	20.000	ng	0.00
76) Chrysene-d12	14.051	240	303793	20.000	ng	0.00
86) Perylene-d12	15.527	264	338389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1187256	131.659	ng	0.02
7) Phenol-d6	6.510	99	1376165	117.829	ng	0.00
23) Nitrobenzene-d5	7.451	82	1082259	110.425	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	467227	165.685	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1817534	99.636	ng	0.00
79) Terphenyl-d14	12.998	244	1817549	97.489	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	146040	20.617	ng	# 76
25) Isophorone	7.451	82	1080072	58.062	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	40040	9.848	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	40040	8.008	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	30259	5.928	ng	# 1

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

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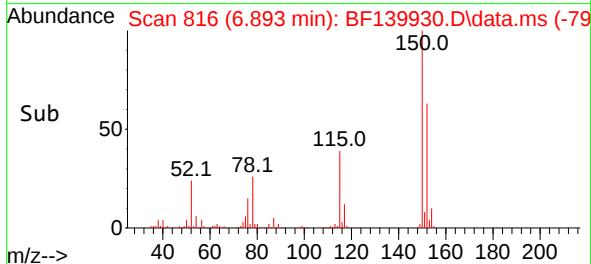
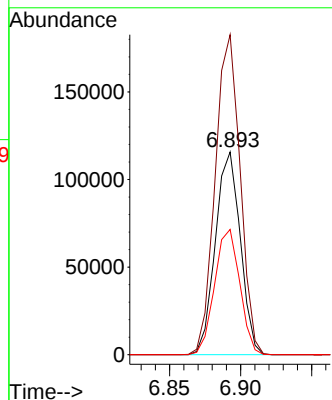
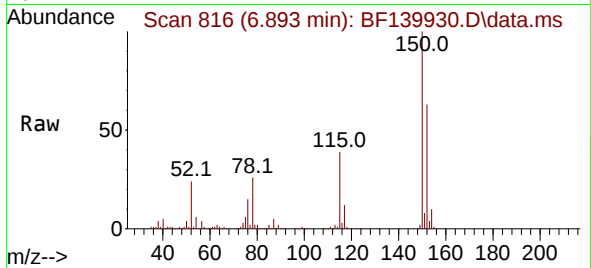




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

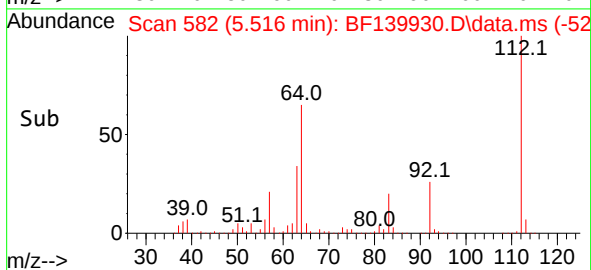
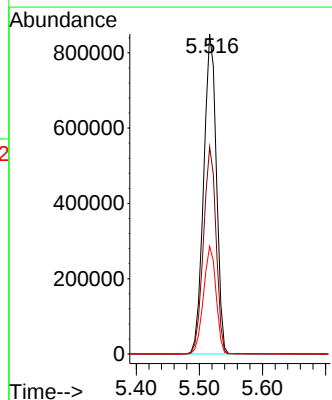
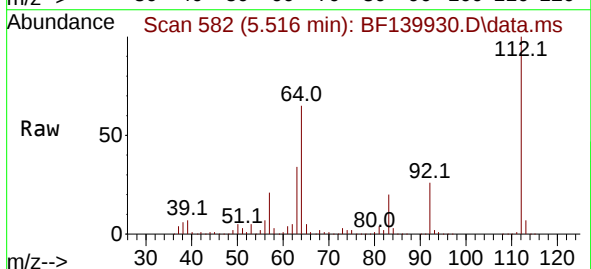
Instrument :
BNA_F
ClientSampleId :
IB-1

Tgt Ion:152 Resp: 141170
Ion Ratio Lower Upper
152 100
150 157.8 130.2 195.2
115 61.7 51.4 77.2



#5
2-Fluorophenol
Concen: 131.659 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion:112 Resp: 1187256
Ion Ratio Lower Upper
112 100
64 64.7 53.0 79.6
63 33.7 27.0 40.4



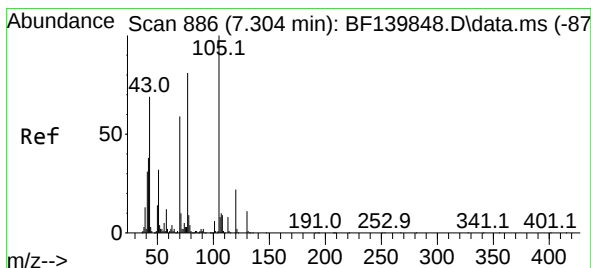
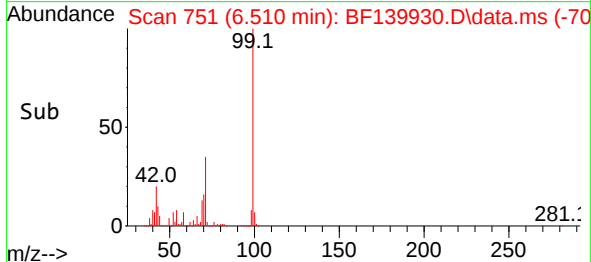
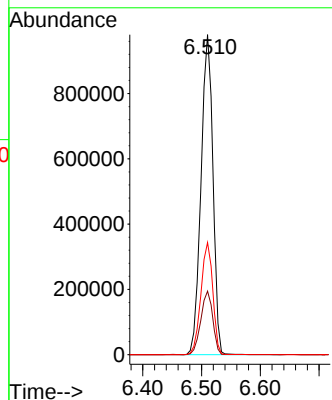
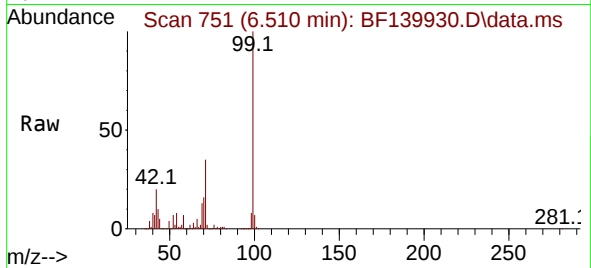


#7
Phenol-d6
Concen: 117.829 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
IB-1

Tgt Ion: 99 Resp: 1376165

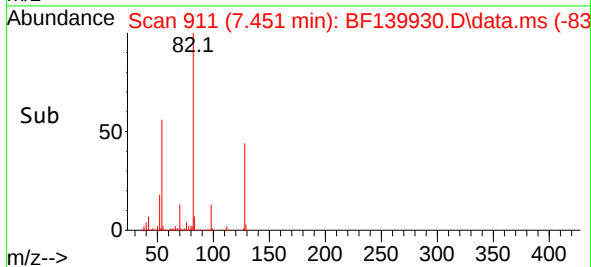
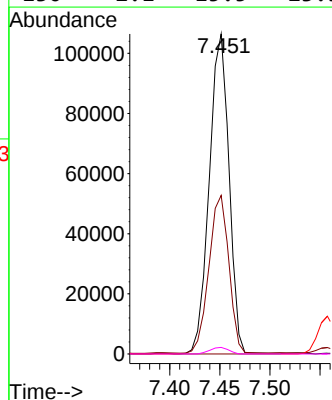
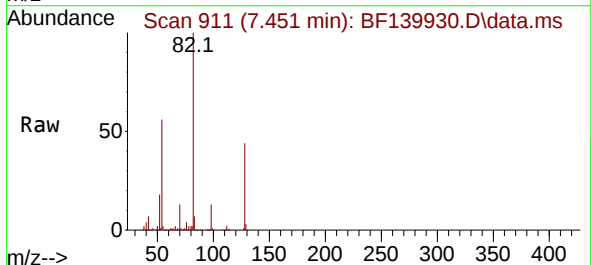
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.7	25.1
71	35.1	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.617 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion: 70 Resp: 146040

Ion	Ratio	Lower	Upper
70	100		
42	49.6	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



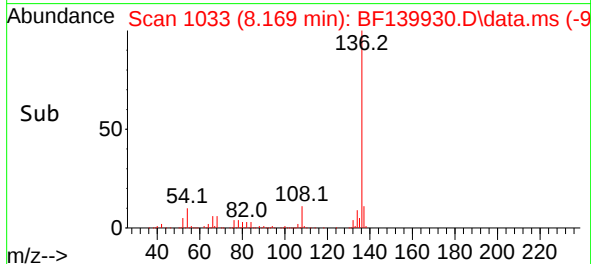
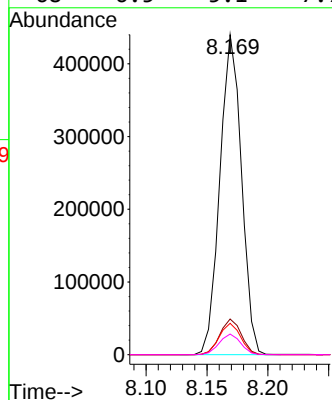
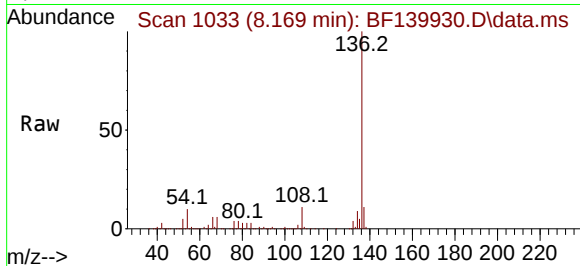


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
IB-1

Tgt Ion:136 Resp: 543197

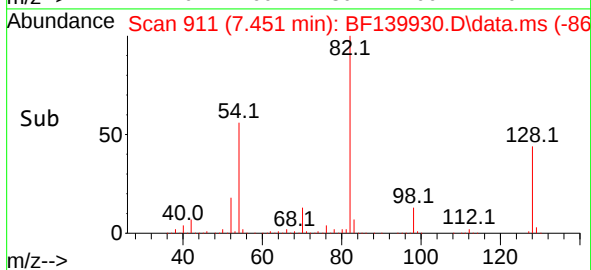
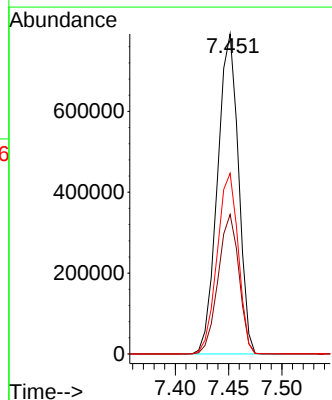
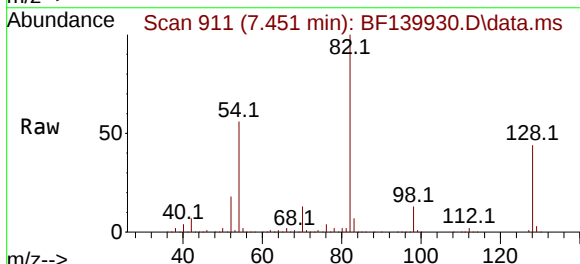
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.8	8.4	12.6
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 110.425 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion: 82 Resp: 1082259

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	56.5	47.8	71.8

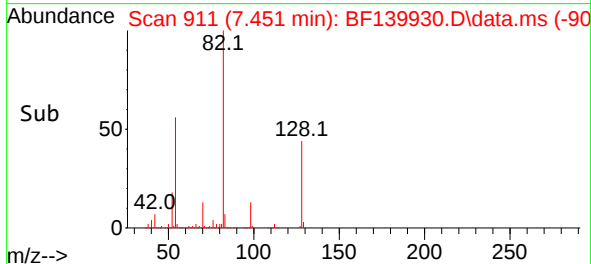
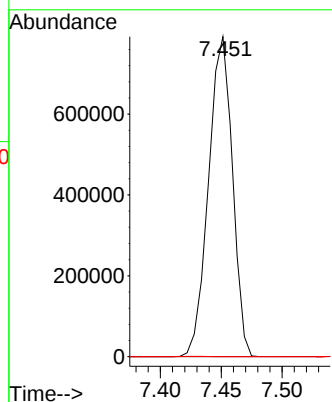
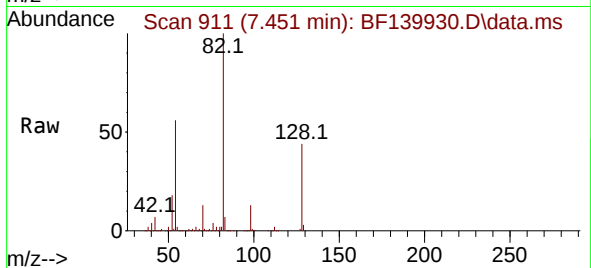




#25
Isophorone
Concen: 58.062 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

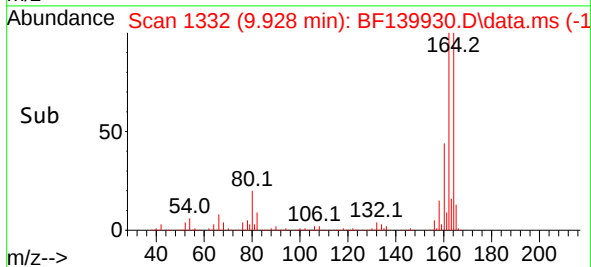
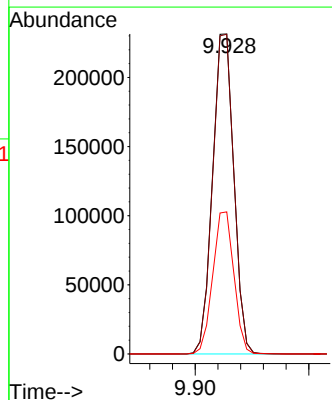
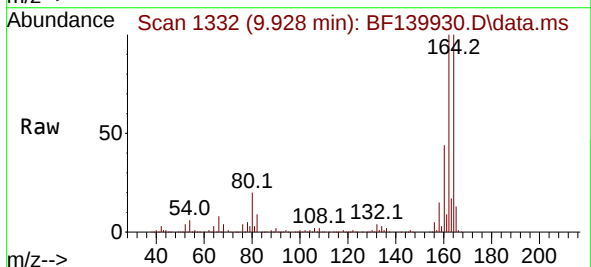
Instrument :
BNA_F
ClientSampleId :
IB-1

Tgt Ion: 82 Resp: 1080072
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: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion: 164 Resp: 301482
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 165.685 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139930.D

Acq: 22 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

IB-1

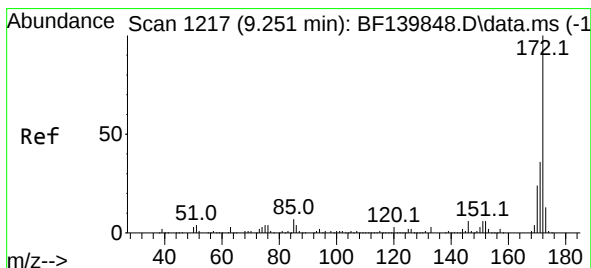
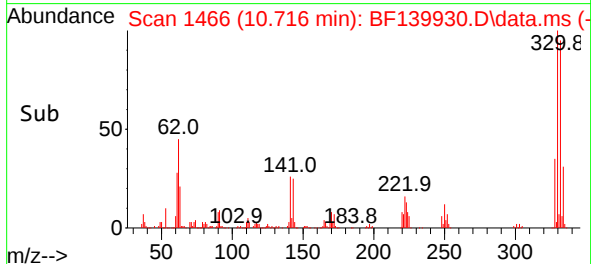
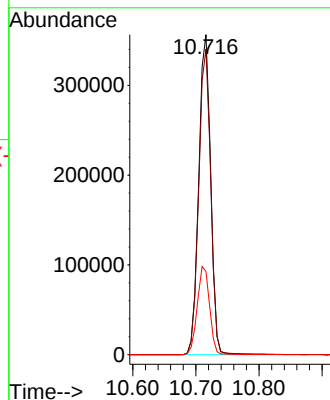
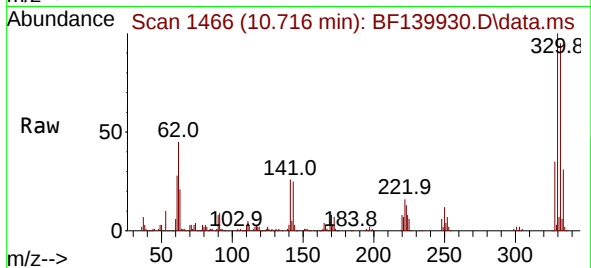
Tgt Ion:330 Resp: 467227

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

141 28.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 99.636 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139930.D

Acq: 22 Oct 2024 16:01

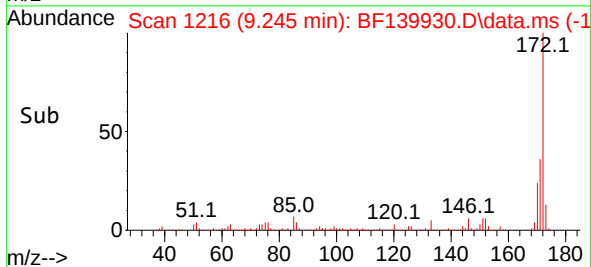
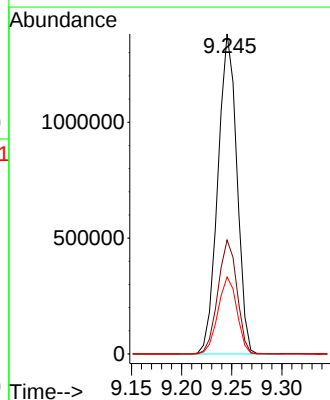
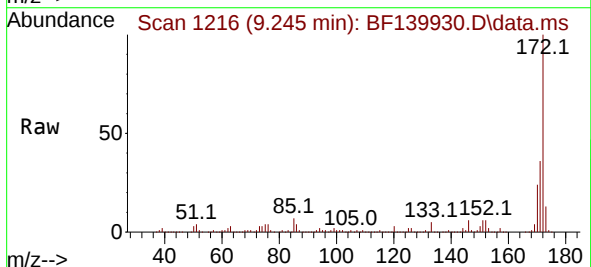
Tgt Ion:172 Resp: 1817534

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.1 19.1 28.7

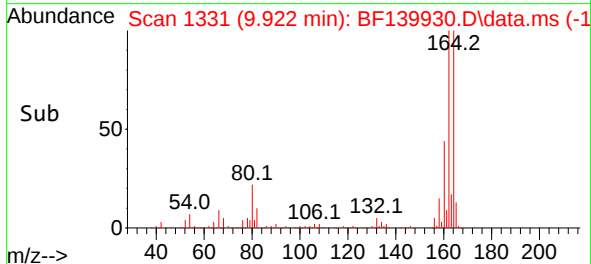
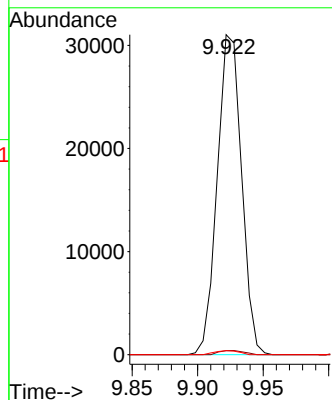
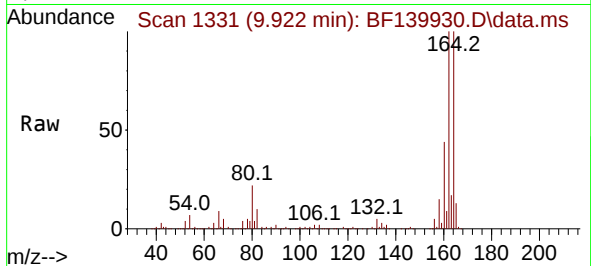




#51
2,6-Dinitrotoluene
Concen: 9.848 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

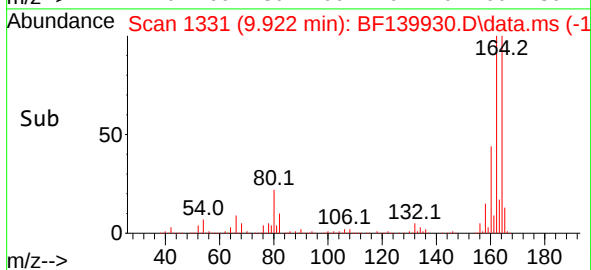
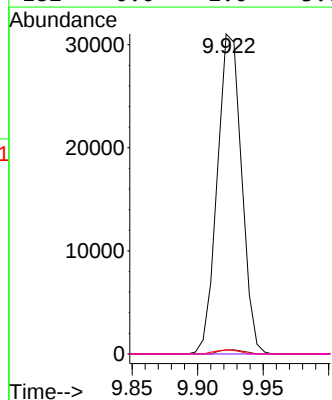
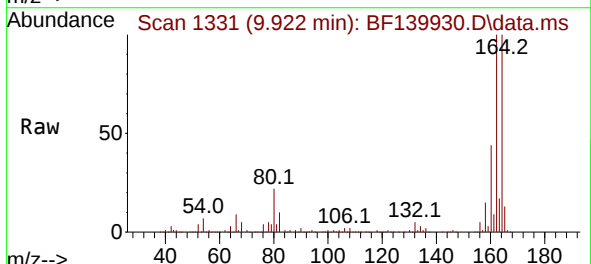
Instrument :
BNA_F
ClientSampleId :
IB-1

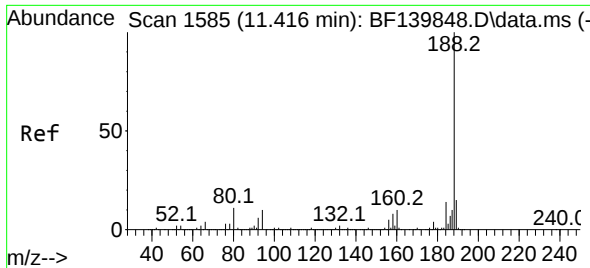
Tgt Ion:165 Resp: 40040
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 8.008 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion:165 Resp: 40040
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#

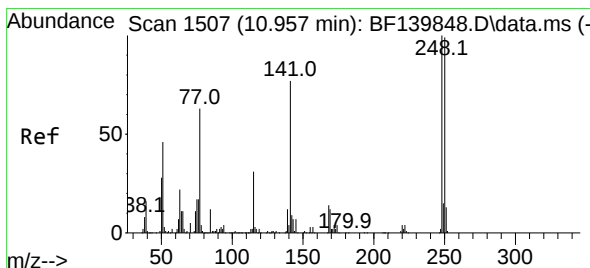
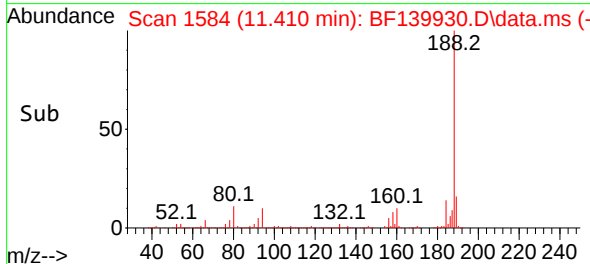
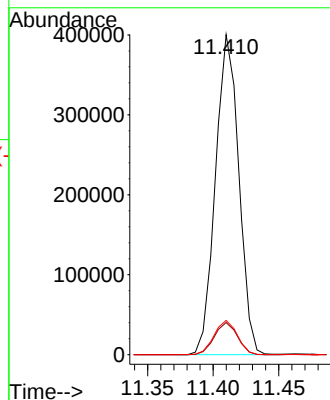
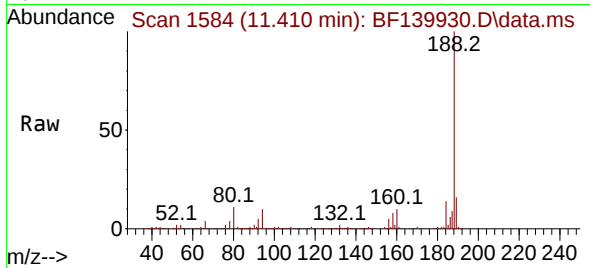




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

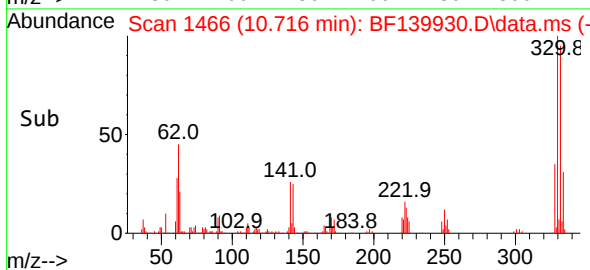
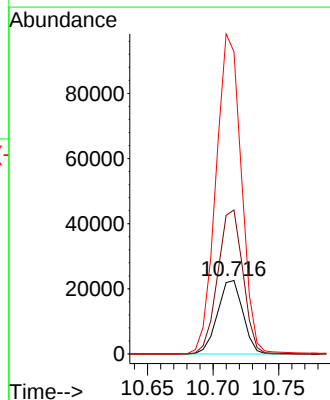
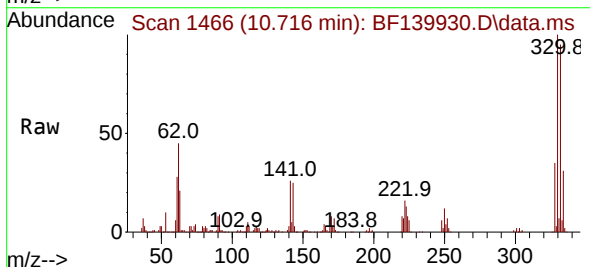
Instrument :
BNA_F
ClientSampleId :
IB-1

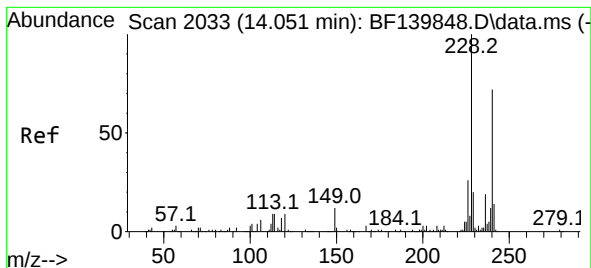
Tgt Ion:188 Resp: 495516
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.7 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.928 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Tgt Ion:248 Resp: 30259
Ion Ratio Lower Upper
248 100
250 196.1 79.0 118.6#
141 411.5 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: BF139930.D

Acq: 22 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

IB-1

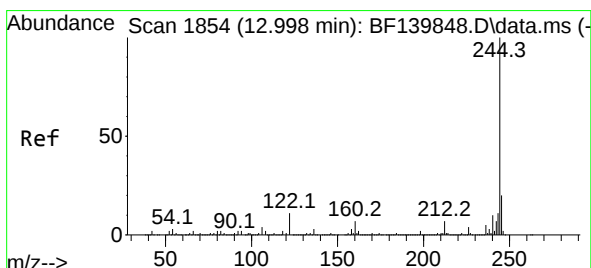
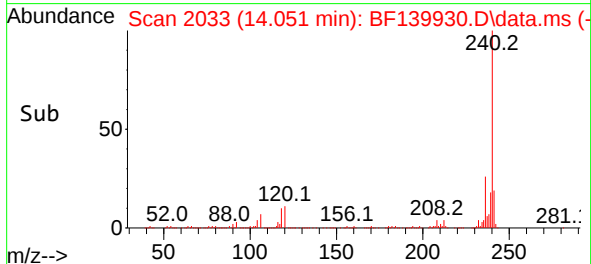
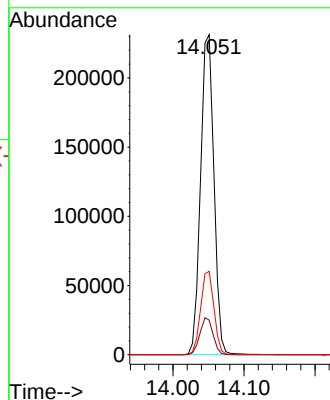
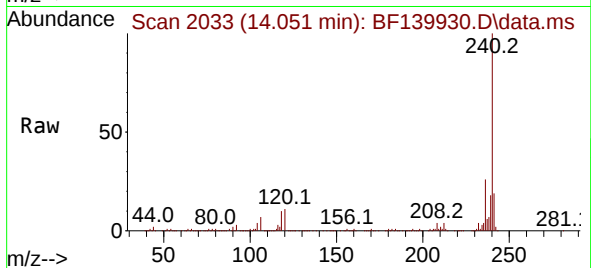
Tgt Ion:240 Resp: 303793

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 97.489 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139930.D

Acq: 22 Oct 2024 16:01

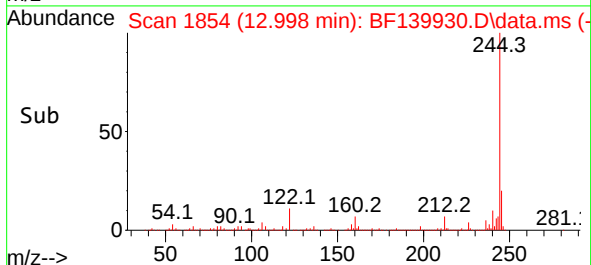
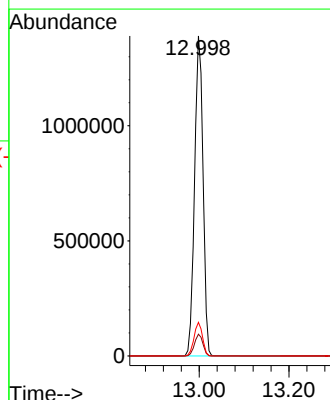
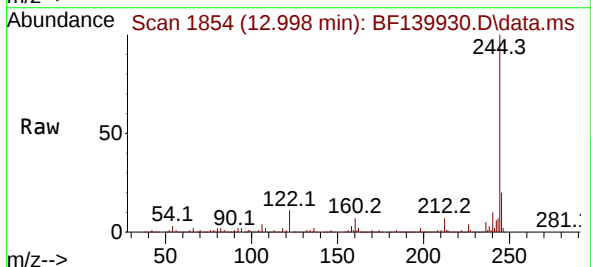
Tgt Ion:244 Resp: 1817549

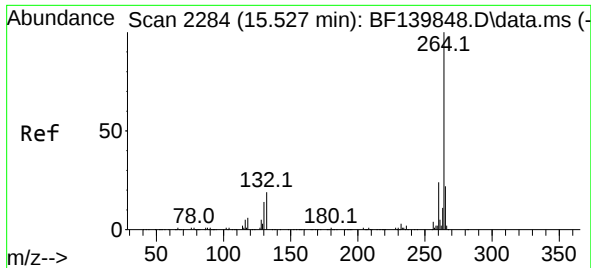
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

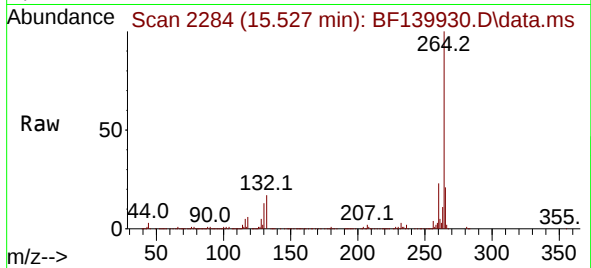
122 10.5 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139930.D
Acq: 22 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
IB-1



Tgt Ion:264 Resp: 338389

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.3	17.4	26.0

