

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139936.D
 Acq On : 22 Oct 2024 18:56
 Operator : RC/JU
 Sample : P4385-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Time: Oct 23 01:12:21 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)

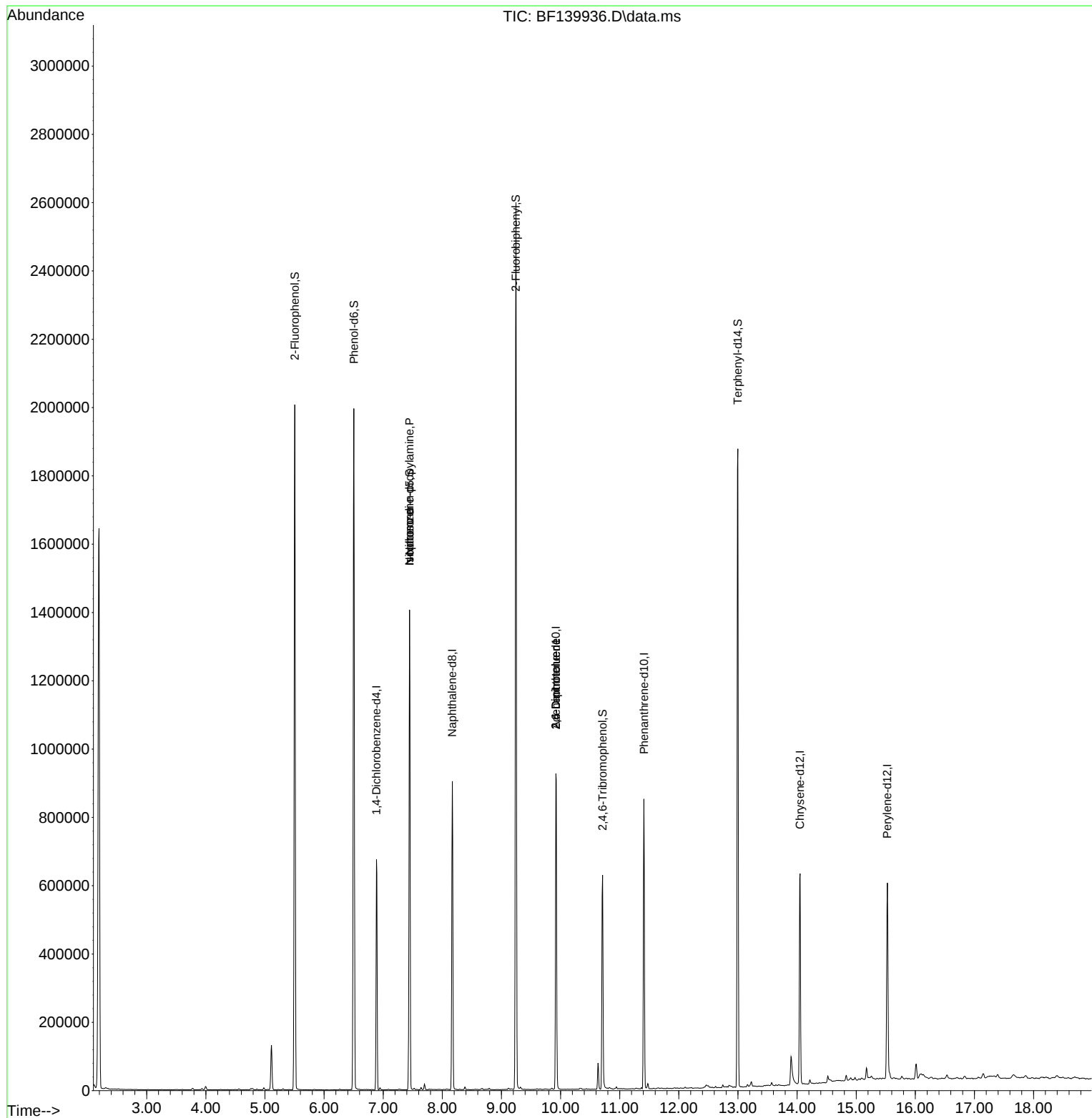
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	137459	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	530285	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	284175	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	435012	20.000	ng	0.00
76) Chrysene-d12	14.051	240	296989	20.000	ng	0.00
86) Perylene-d12	15.527	264	339367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	724742	82.539	ng	0.00
7) Phenol-d6	6.504	99	932053	81.958	ng	0.00
23) Nitrobenzene-d5	7.445	82	599246	62.631	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	106794	40.177	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1124045	65.372	ng	0.00
79) Terphenyl-d14	12.998	244	941500	51.657	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	80326	11.646	ng	# 77
25) Isophorone	7.445	82	597040	32.877	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	35903	9.368	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	35903	7.618	ng	# 21

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139936.D
Acq On : 22 Oct 2024 18:56
Operator : RC/JU
Sample : P4385-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

Quant Time: Oct 23 01:12:21 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

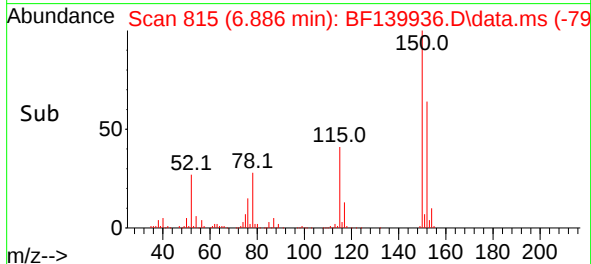
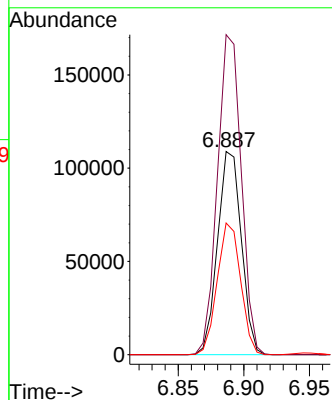
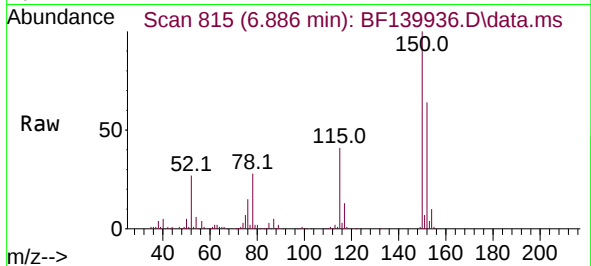




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

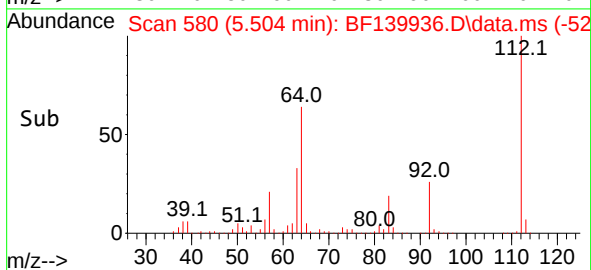
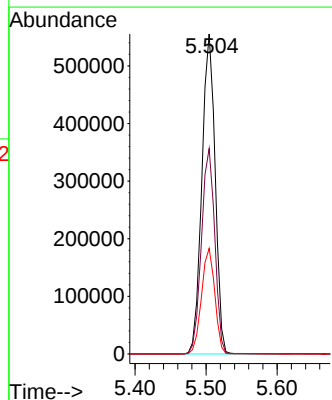
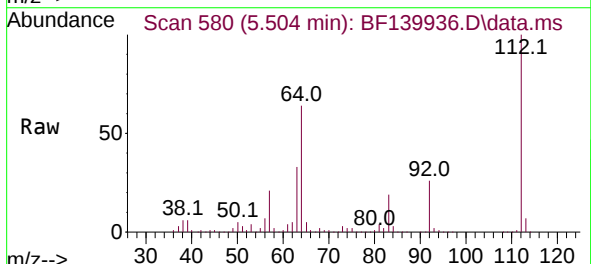
Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion:152 Resp: 137459
Ion Ratio Lower Upper
152 100
150 157.4 130.2 195.2
115 64.8 51.4 77.2



#5
2-Fluorophenol
Concen: 82.539 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

Tgt Ion:112 Resp: 724742
Ion Ratio Lower Upper
112 100
64 64.2 53.0 79.6
63 33.0 27.0 40.4





#7
Phenol-d6
Concen: 81.958 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

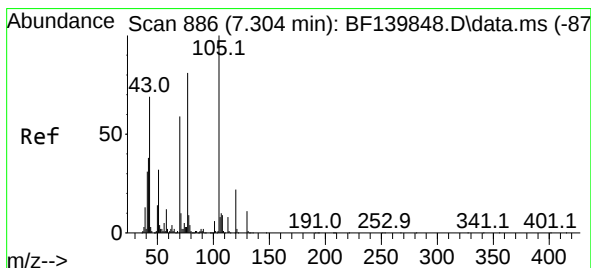
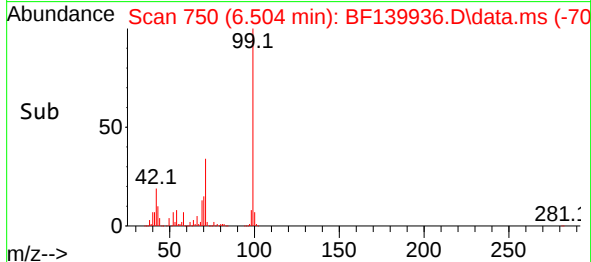
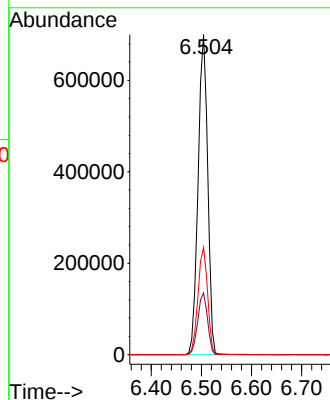
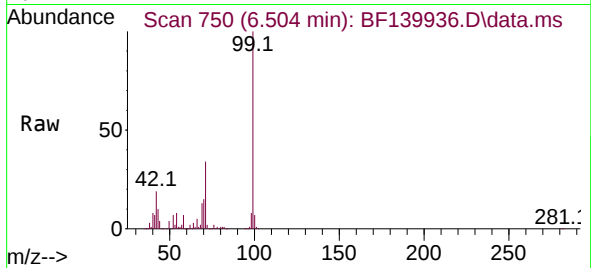
Instrument :

BNA_F

ClientSampleId :

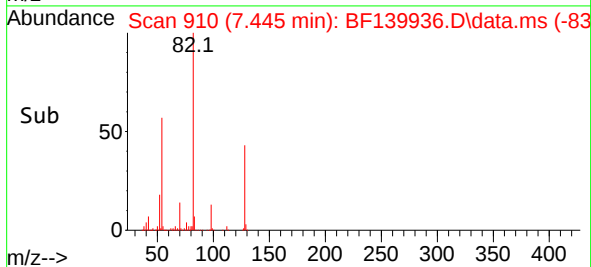
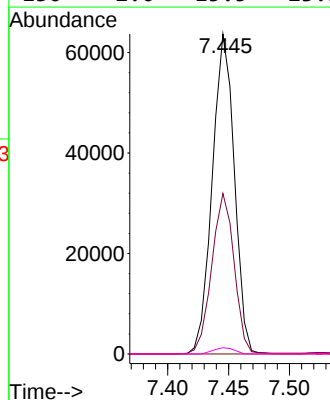
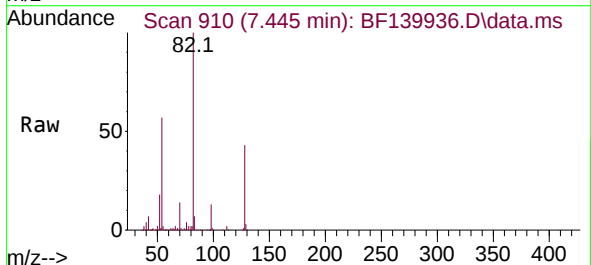
SP-4

Tgt Ion: 99 Resp: 932053
Ion Ratio Lower Upper
99 100
42 19.3 16.7 25.1
71 33.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.646 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

Tgt Ion: 70 Resp: 80326
Ion Ratio Lower Upper
70 100
42 50.1 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



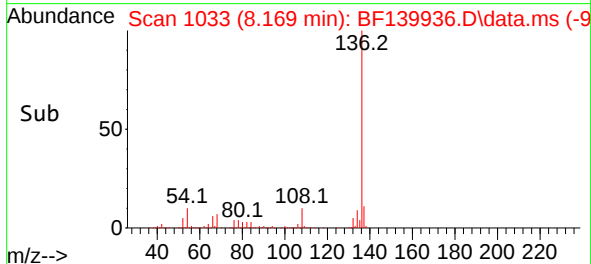
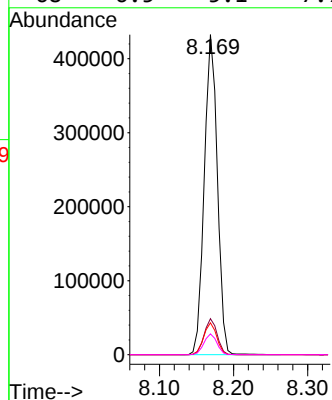
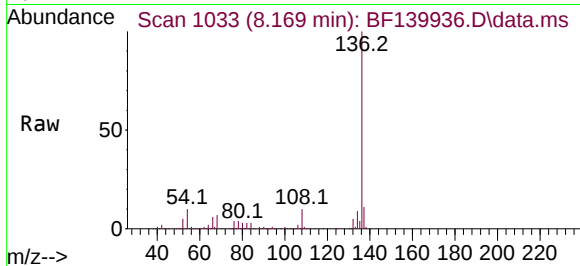


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion:136 Resp: 530285

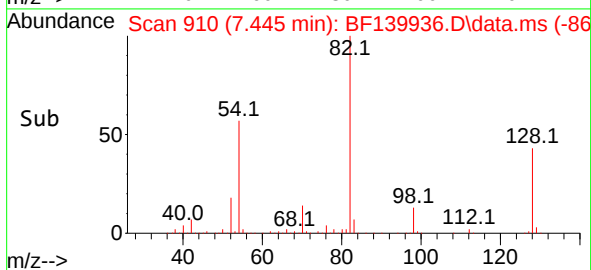
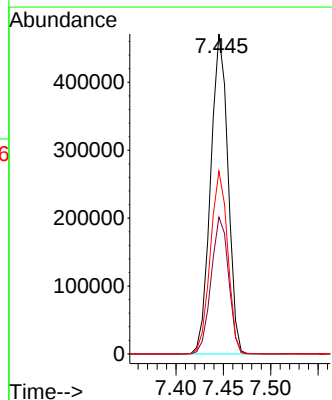
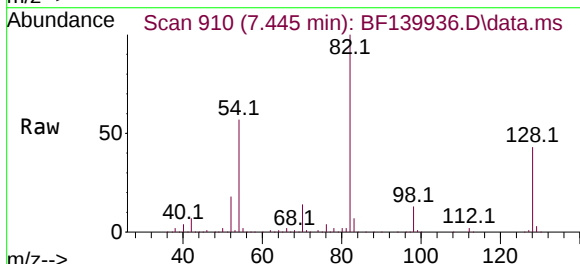
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	9.9	8.4	12.6
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 62.631 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

Tgt Ion: 82 Resp: 599246

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	57.1	47.8	71.8

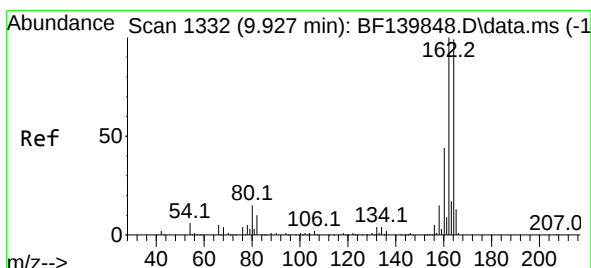
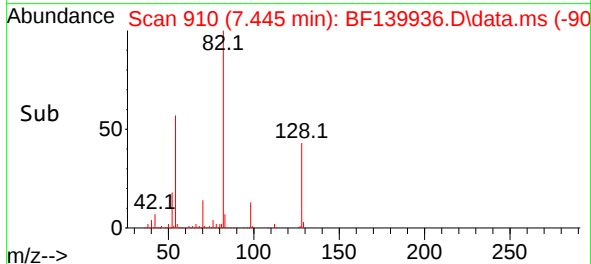
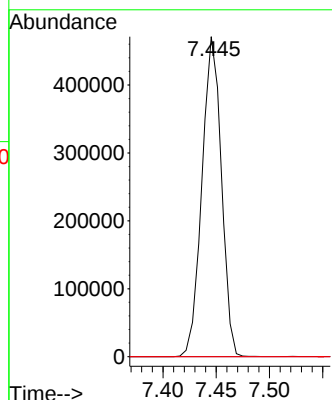
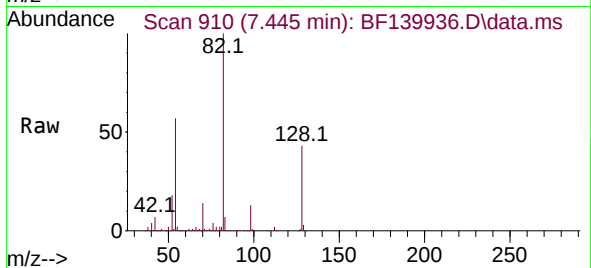




#25
Isophorone
Concen: 32.877 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

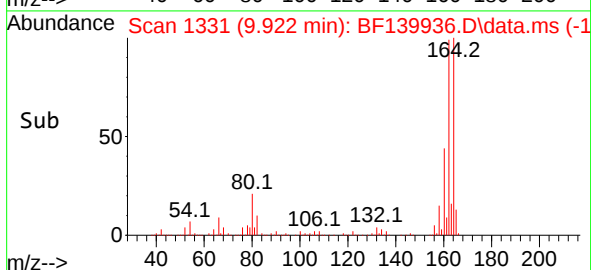
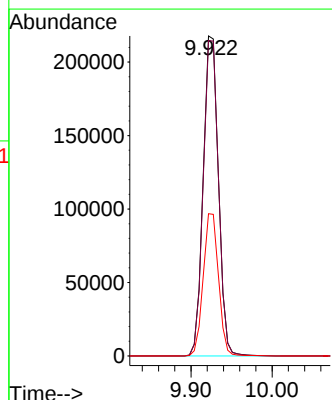
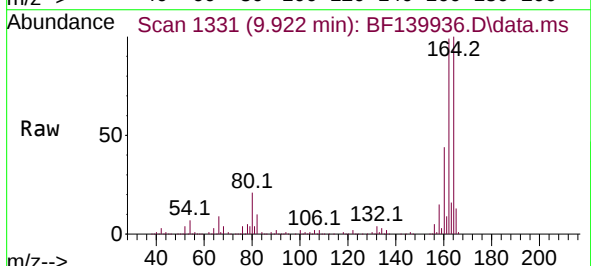
Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion: 82 Resp: 597040
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: BF139936.D
Acq: 22 Oct 2024 18:56

Tgt Ion: 164 Resp: 284175
Ion Ratio Lower Upper
164 100
162 98.5 81.0 121.4
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 40.177 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139936.D

Acq: 22 Oct 2024 18:56

Instrument :

BNA_F

ClientSampleId :

SP-4

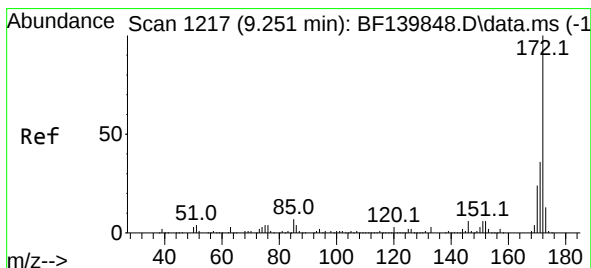
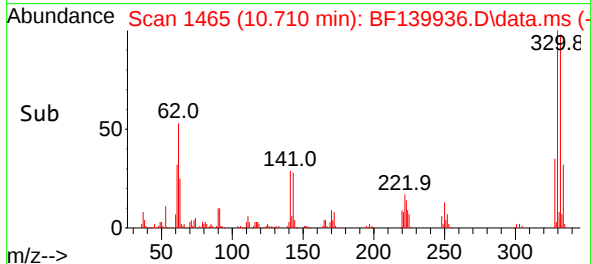
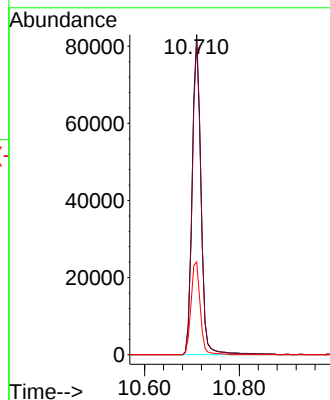
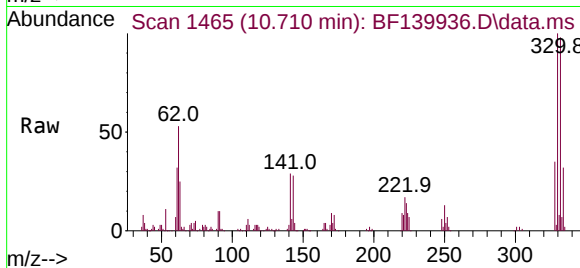
Tgt Ion:330 Resp: 106794

Ion Ratio Lower Upper

330 100

332 97.0 78.1 117.1

141 30.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 65.372 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139936.D

Acq: 22 Oct 2024 18:56

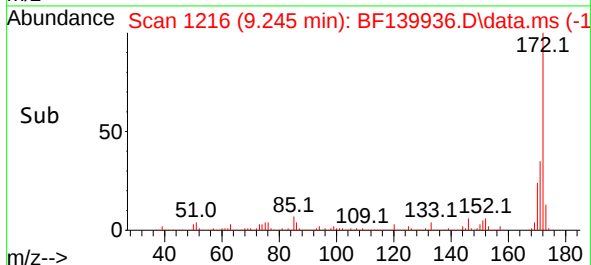
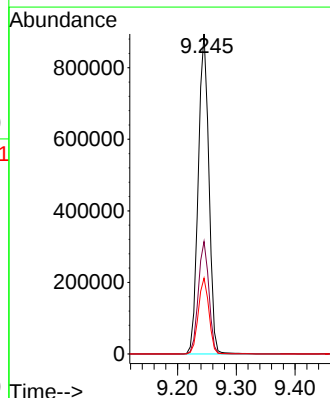
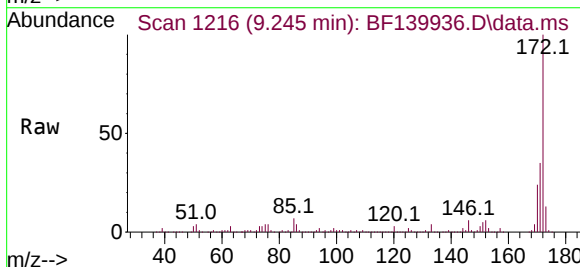
Tgt Ion:172 Resp: 1124045

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.7 19.1 28.7

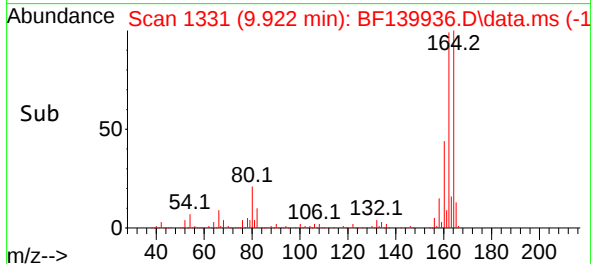
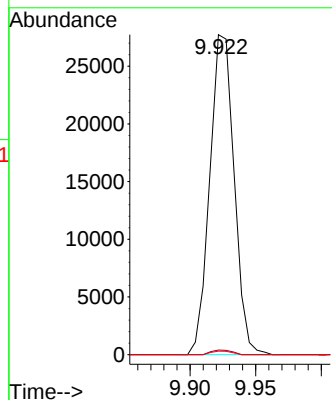
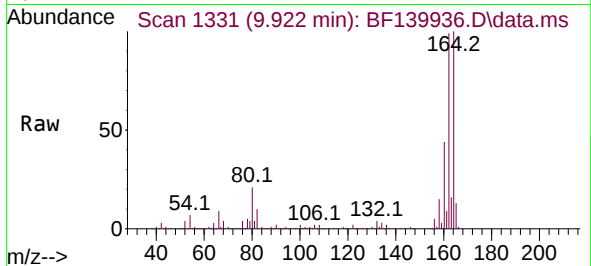




#51
2,6-Dinitrotoluene
Concen: 9.368 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

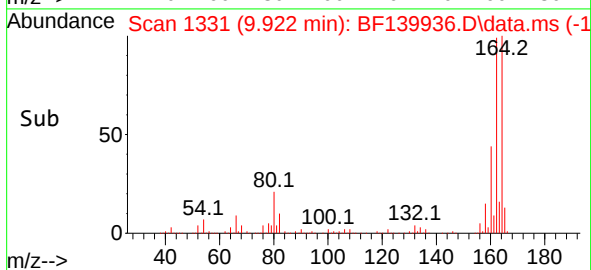
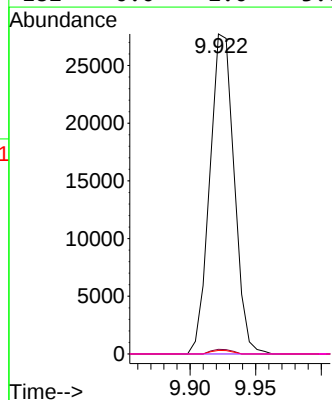
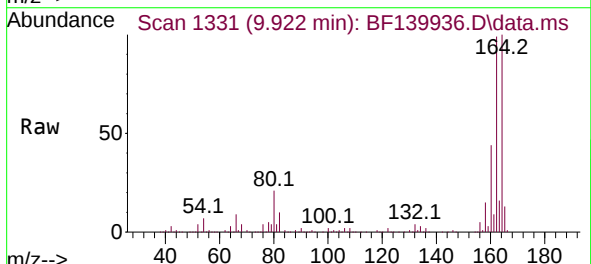
Instrument :
BNA_F
ClientSampleId :
SP-4

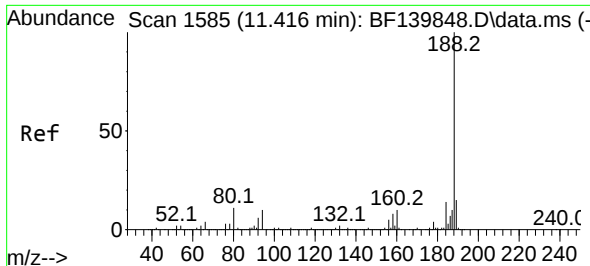
Tgt Ion:165 Resp: 35903
Ion Ratio Lower Upper
165 100
63 1.4 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.618 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

Tgt Ion:165 Resp: 35903
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

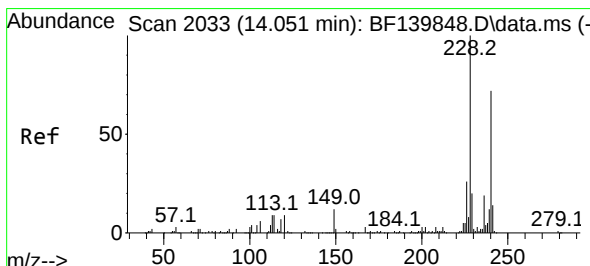
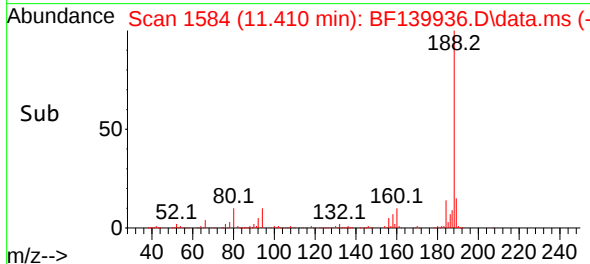
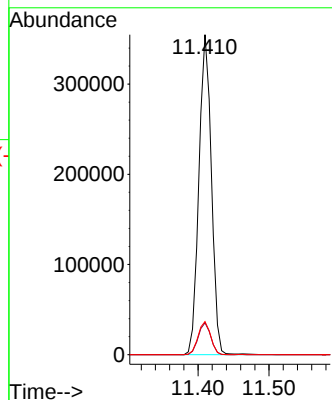
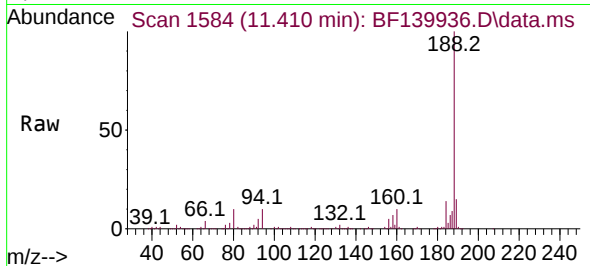




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

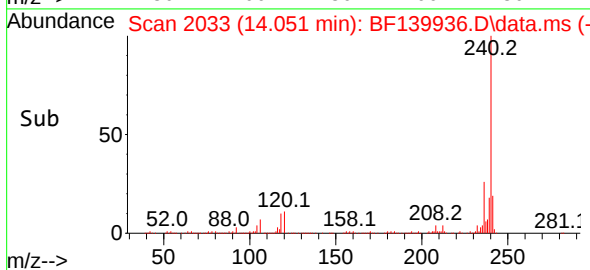
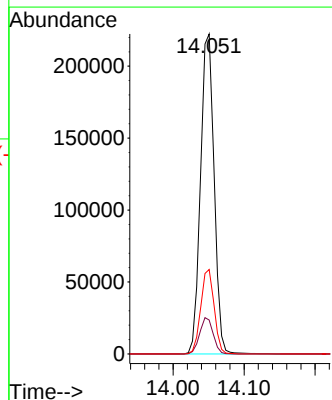
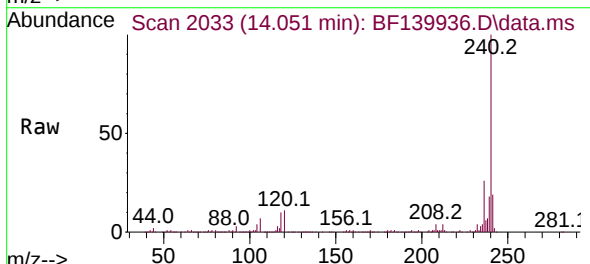
Instrument :
BNA_F
ClientSampleId :
SP-4

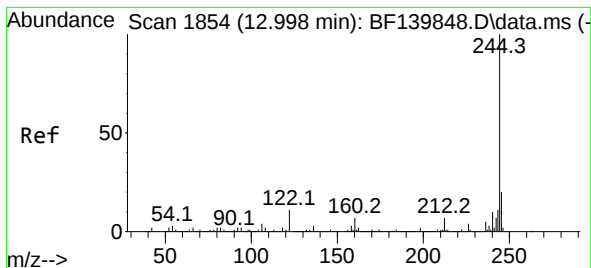
Tgt Ion:188 Resp: 435012
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139936.D
Acq: 22 Oct 2024 18:56

Tgt Ion:240 Resp: 296989
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.4 20.9 31.3





#79

Terphenyl-d14

Concen: 51.657 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139936.D

Acq: 22 Oct 2024 18:56

Instrument :

BNA_F

ClientSampleId :

SP-4

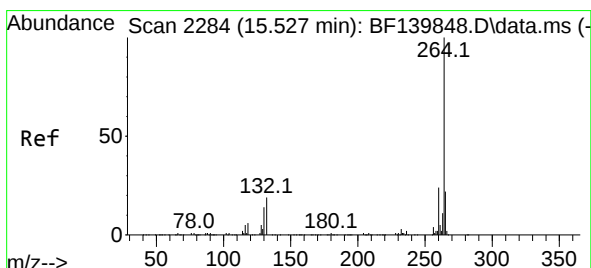
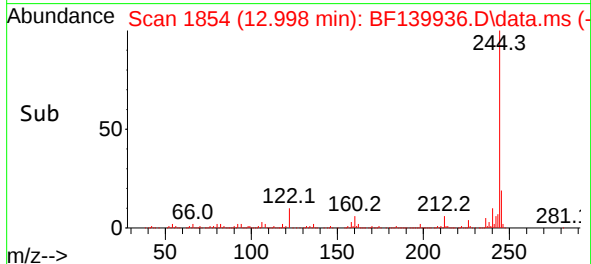
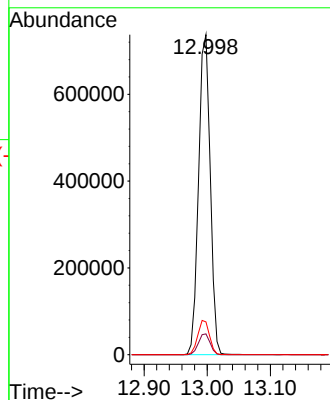
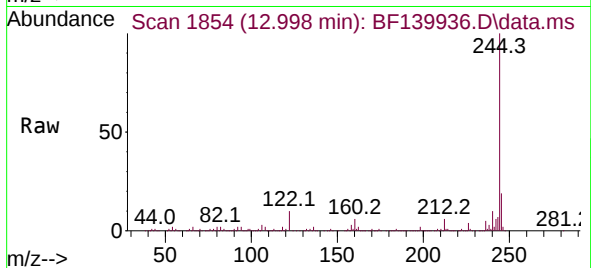
Tgt Ion:244 Resp: 941500

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 10.3 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: BF139936.D

Acq: 22 Oct 2024 18:56

Tgt Ion:264 Resp: 339367

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.5 17.4 26.0

