

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139870.D
 Acq On : 19 Oct 2024 14:31
 Operator : RC/JU
 Sample : P4426-37
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL

Quant Time: Oct 21 01:40:12 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)

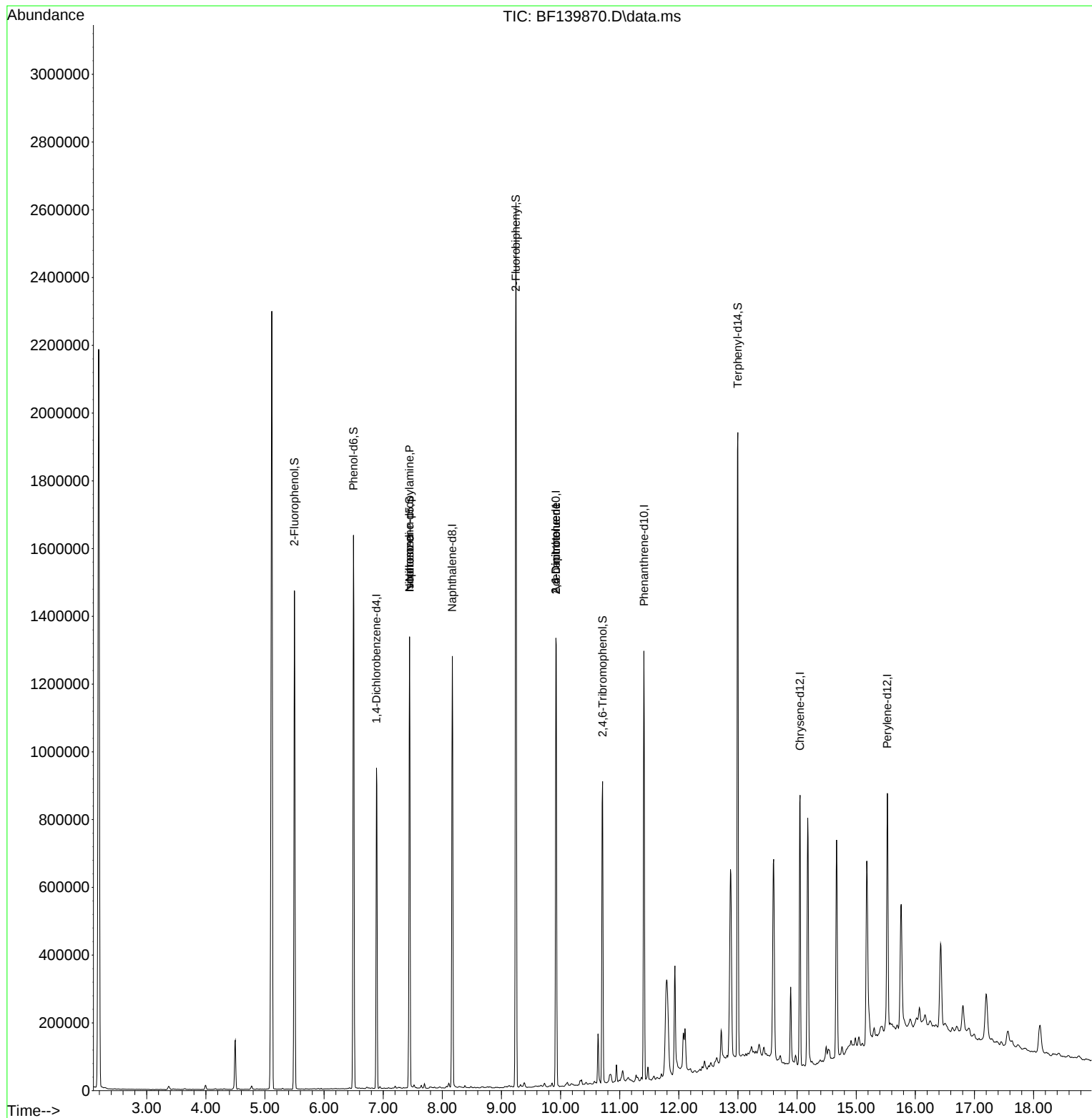
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	190163	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	745893	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	402060	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	639889	20.000	ng	0.00
76) Chrysene-d12	14.051	240	370008	20.000	ng	0.00
86) Perylene-d12	15.527	264	387887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	512448	42.187	ng	0.00
7) Phenol-d6	6.498	99	725432	46.110	ng	-0.01
23) Nitrobenzene-d5	7.445	82	557602	41.433	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	140825	37.446	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1100995	45.257	ng	0.00
79) Terphenyl-d14	12.998	244	910213	40.085	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	74908	7.851	ng	# 79
25) Isophorone	7.445	82	557130	21.811	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	50875	9.382	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	50875	7.630	ng	# 21

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
Data File : BF139870.D
Acq On : 19 Oct 2024 14:31
Operator : RC/JU
Sample : P4426-37
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WALL

Quant Time: Oct 21 01:40:12 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

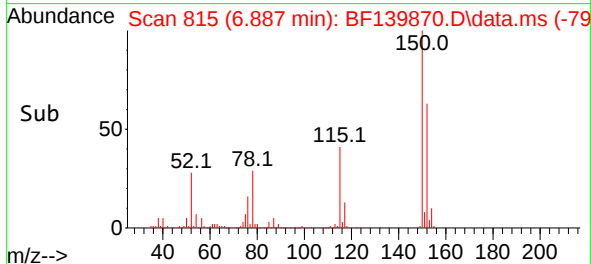
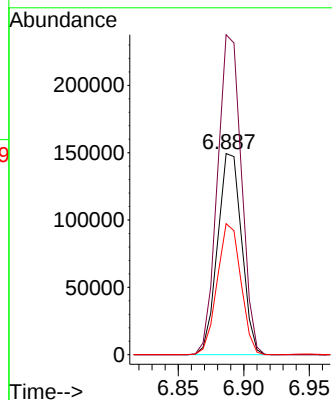
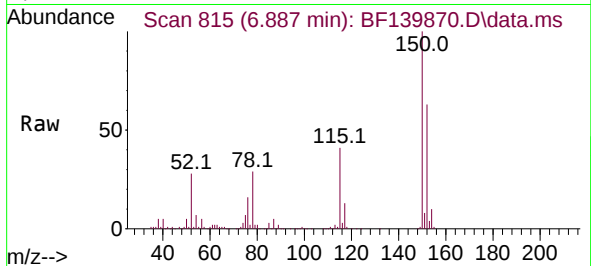




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

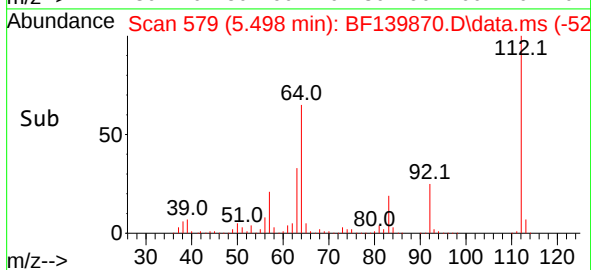
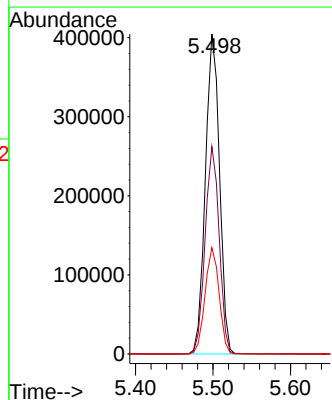
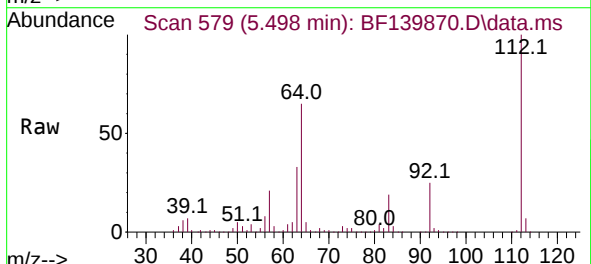
Instrument :
BNA_F
ClientSampleId :
WALL

Tgt Ion:152 Resp: 190163
Ion Ratio Lower Upper
152 100
150 159.2 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 42.187 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

Tgt Ion:112 Resp: 512448
Ion Ratio Lower Upper
112 100
64 64.8 53.0 79.6
63 33.3 27.0 40.4

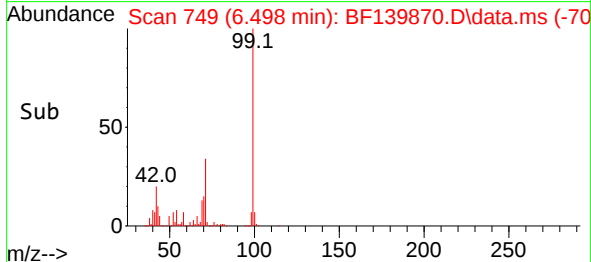
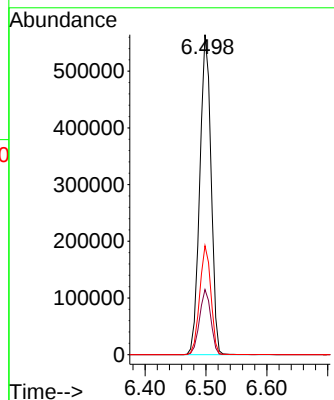
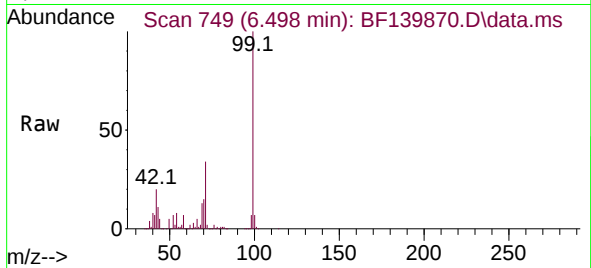




#7
Phenol-d6
Concen: 46.110 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

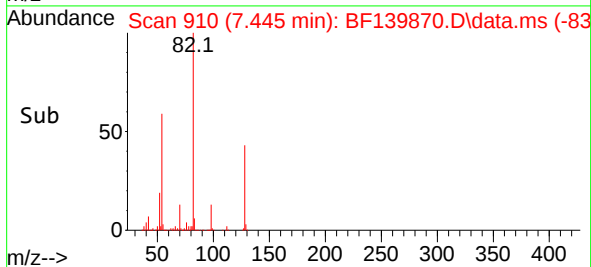
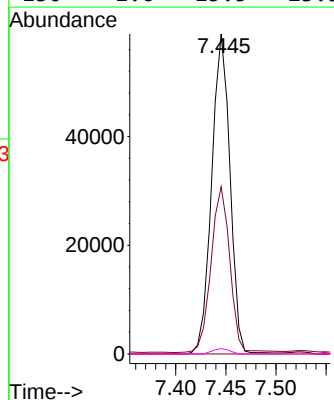
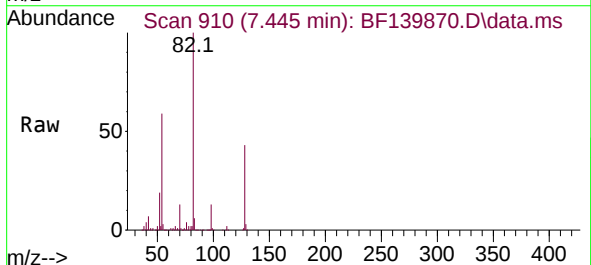
Instrument :
BNA_F
ClientSampleId :
WALL

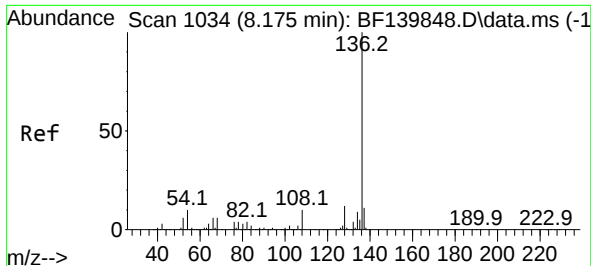
Tgt Ion: 99 Resp: 725432
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 34.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.851 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

Tgt Ion: 70 Resp: 74908
Ion Ratio Lower Upper
70 100
42 52.3 51.5 77.3
101 0.0 7.5 11.3#
130 1.6 15.5 23.3#



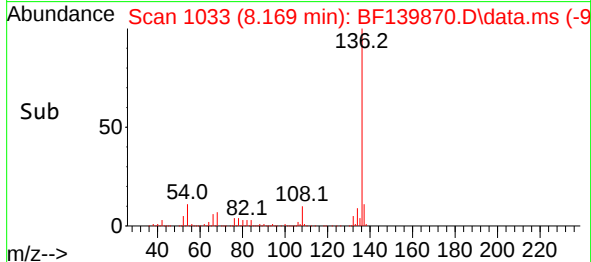
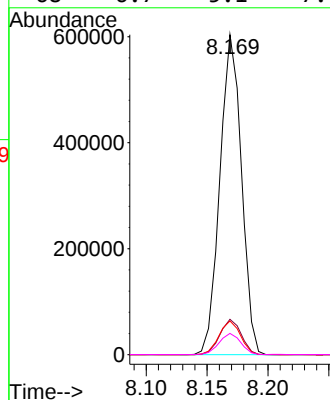
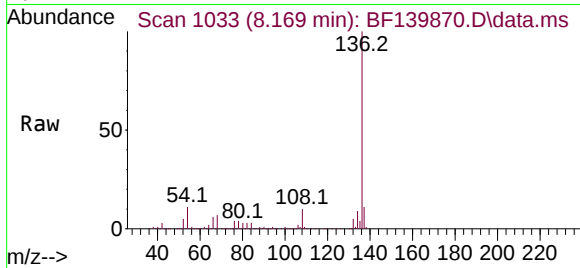


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

Instrument :
BNA_F
ClientSampleId :
WALL

Tgt Ion:136 Resp: 745893

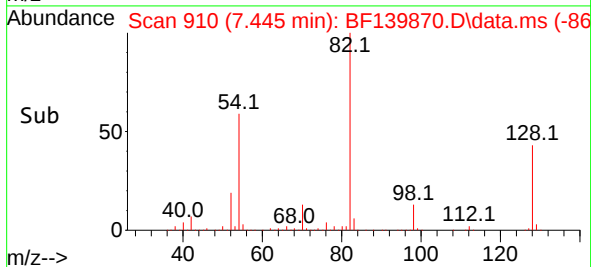
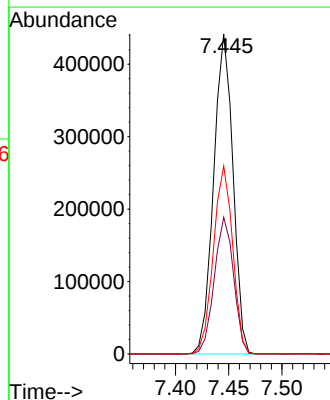
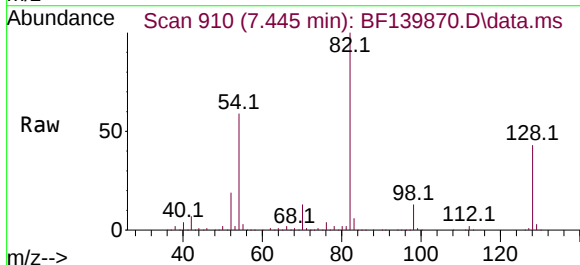
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.6	8.4	12.6
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 41.433 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

Tgt Ion: 82 Resp: 557602

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	58.7	47.8	71.8

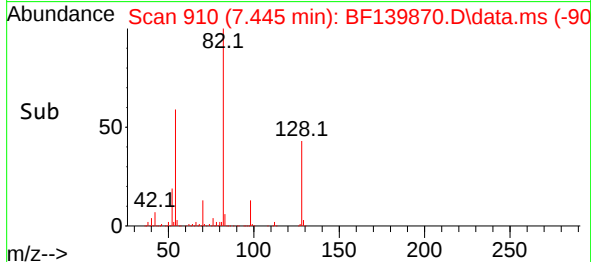
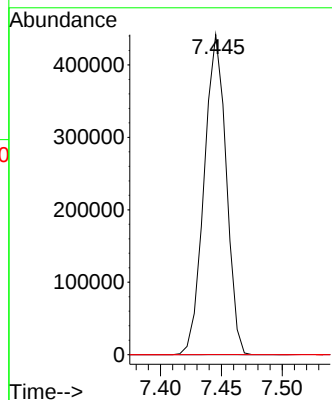
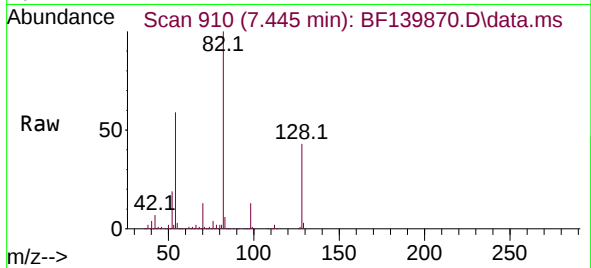




#25
Isophorone
Concen: 21.811 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

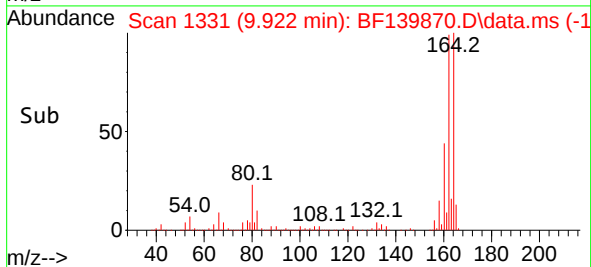
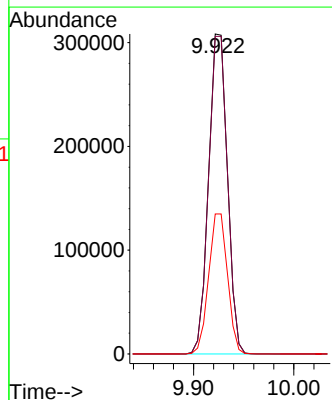
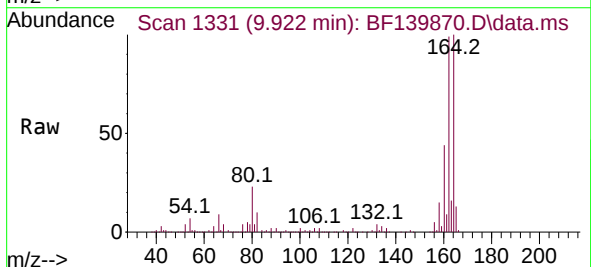
Instrument :
BNA_F
ClientSampleId :
WALL

Tgt Ion: 82 Resp: 557130
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: BF139870.D
Acq: 19 Oct 2024 14:31

Tgt Ion: 164 Resp: 402060
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 43.8 35.4 53.0

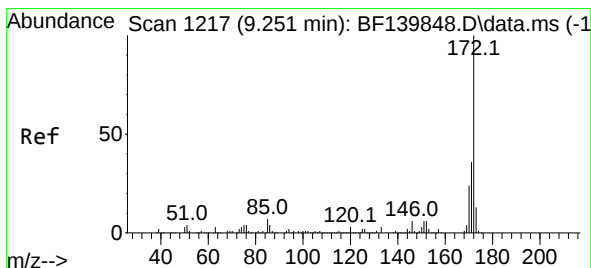
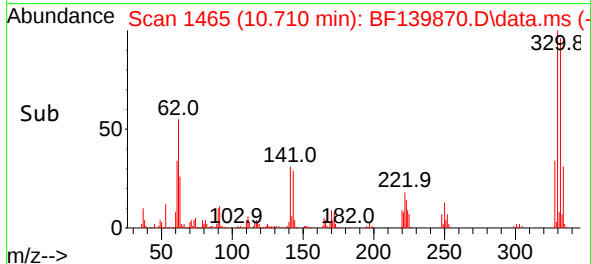
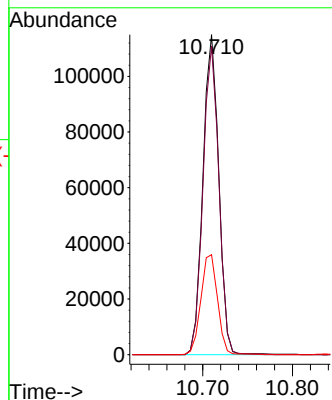
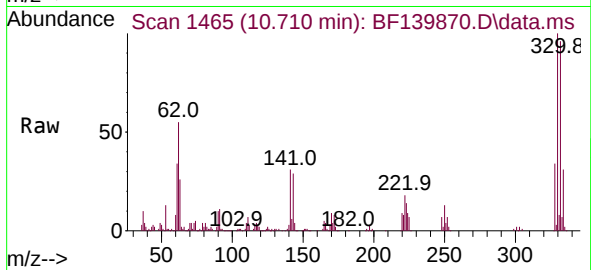




#42
 2,4,6-Tribromophenol
 Concen: 37.446 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF139870.D
 Acq: 19 Oct 2024 14:31

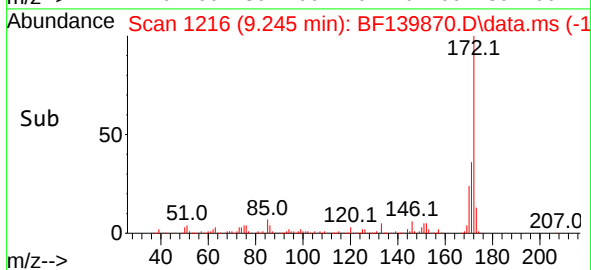
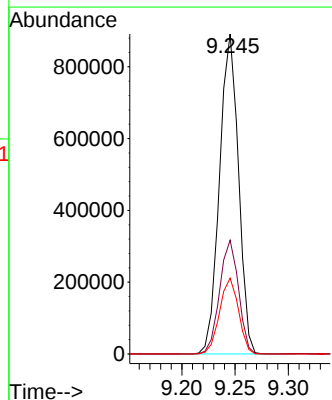
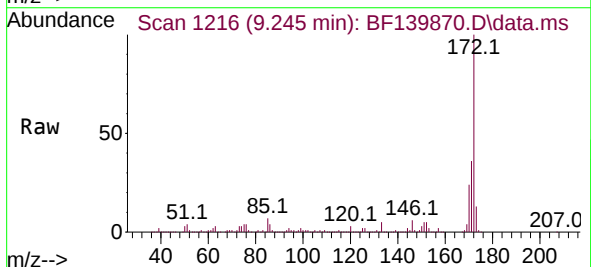
Instrument :
 BNA_F
 ClientSampleId :
 WALL

Tgt Ion:330 Resp: 140825
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.1 117.1
 141 33.0 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 45.257 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139870.D
 Acq: 19 Oct 2024 14:31

Tgt Ion:172 Resp: 1100995
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.7 19.1 28.7

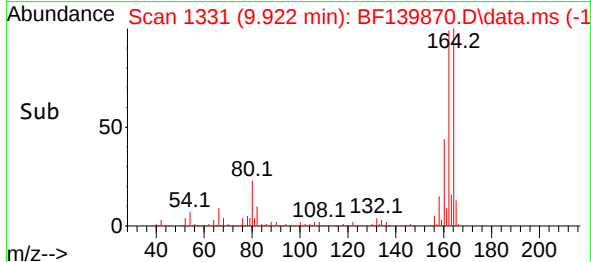
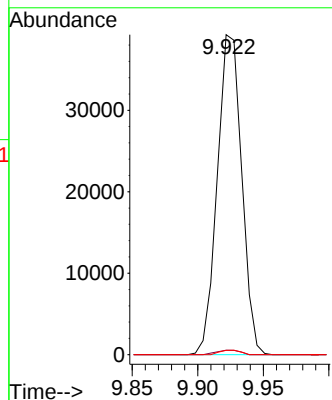
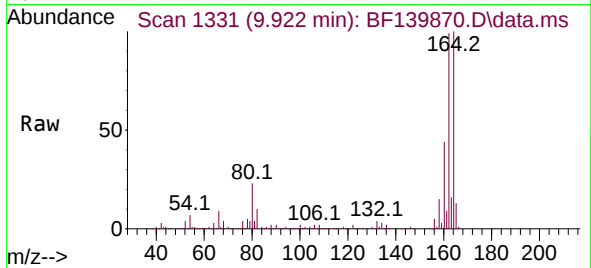




#51
2,6-Dinitrotoluene
Concen: 9.382 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

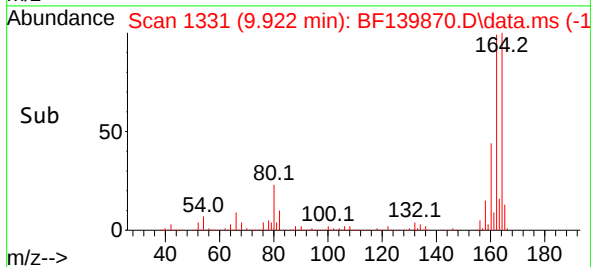
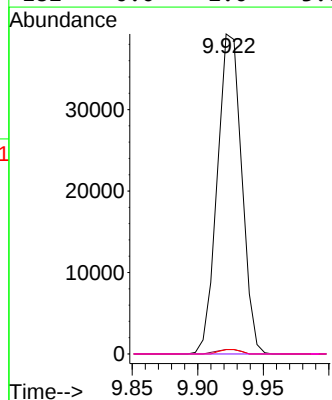
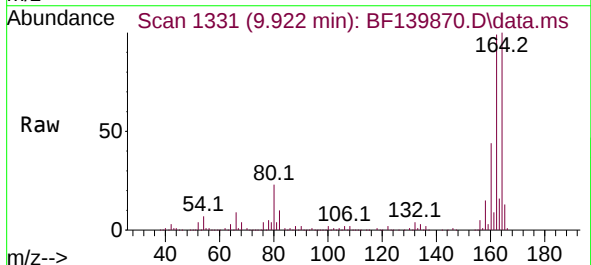
Instrument :
BNA_F
ClientSampleId :
WALL

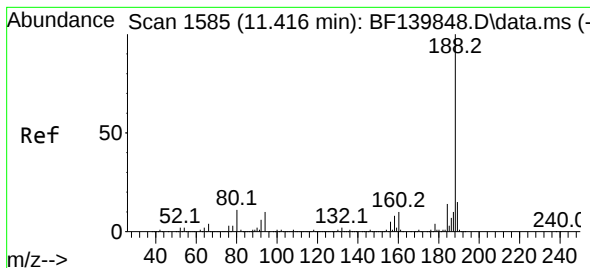
Tgt Ion:165 Resp: 50875
Ion Ratio Lower Upper
165 100
63 1.4 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.630 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

Tgt Ion:165 Resp: 50875
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 1.4 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: BF139870.D

Acq: 19 Oct 2024 14:31

Instrument :

BNA_F

ClientSampleId :

WALL

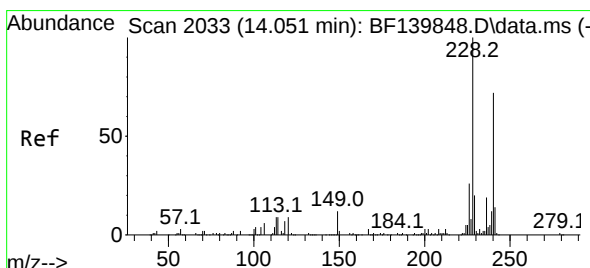
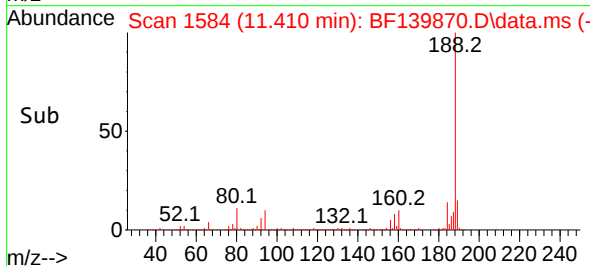
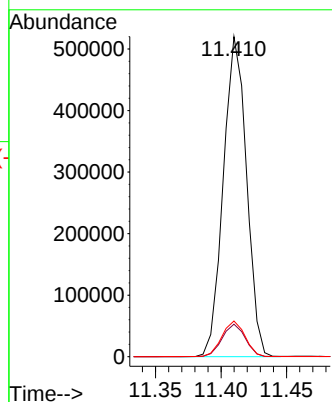
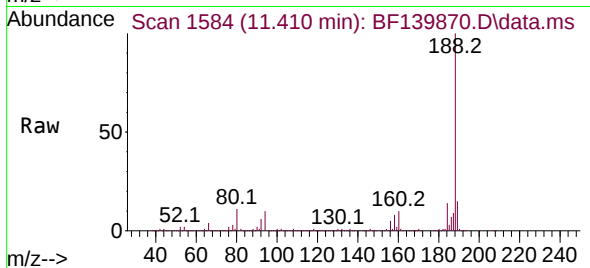
Tgt Ion:188 Resp: 639889

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 11.1 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: BF139870.D

Acq: 19 Oct 2024 14:31

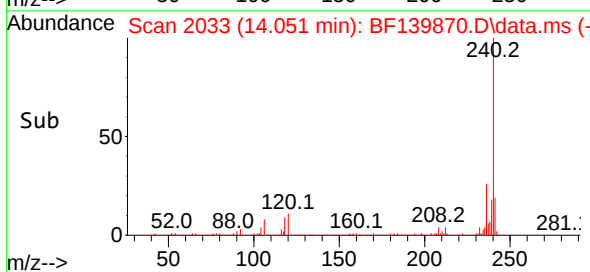
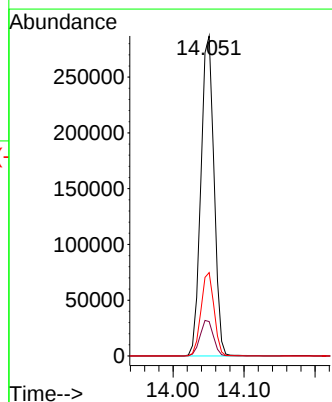
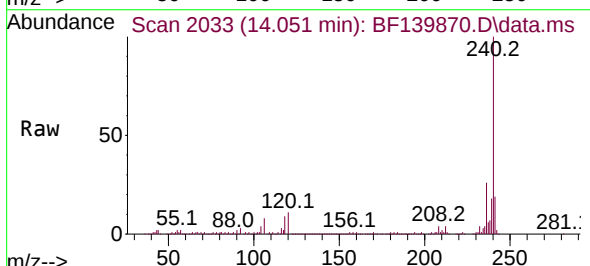
Tgt Ion:240 Resp: 370008

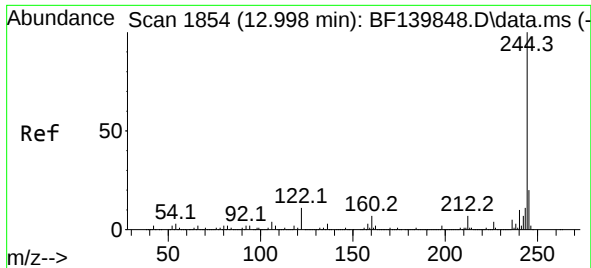
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 26.1 20.9 31.3

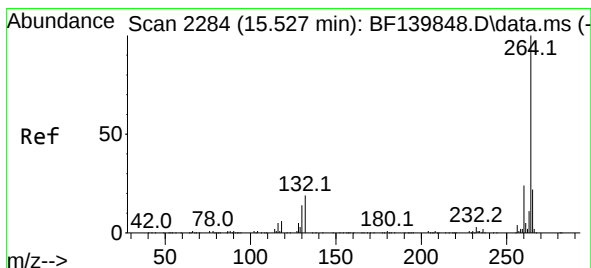
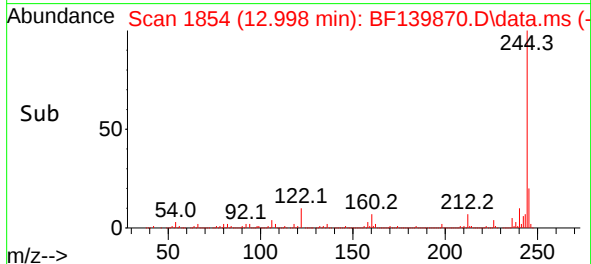
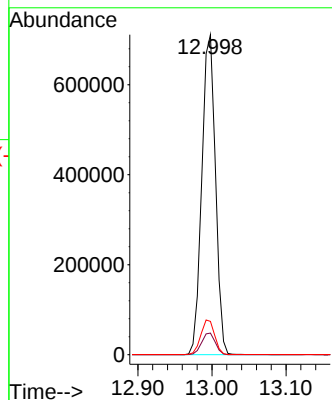
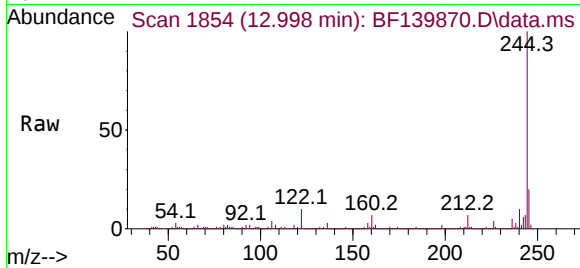




#79
 Terphenyl-d14
 Concen: 40.085 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139870.D
 Acq: 19 Oct 2024 14:31

Instrument :
 BNA_F
 ClientSampleId :
 WALL

Tgt Ion:244 Resp: 910213
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.4 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: BF139870.D
 Acq: 19 Oct 2024 14:31

Tgt Ion:264 Resp: 387887
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.3 17.4 26.0

