

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139857.D
 Acq On : 18 Oct 2024 16:46
 Operator : RC/JU
 Sample : P4422-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-101624

Quant Time: Oct 18 17:11:45 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)

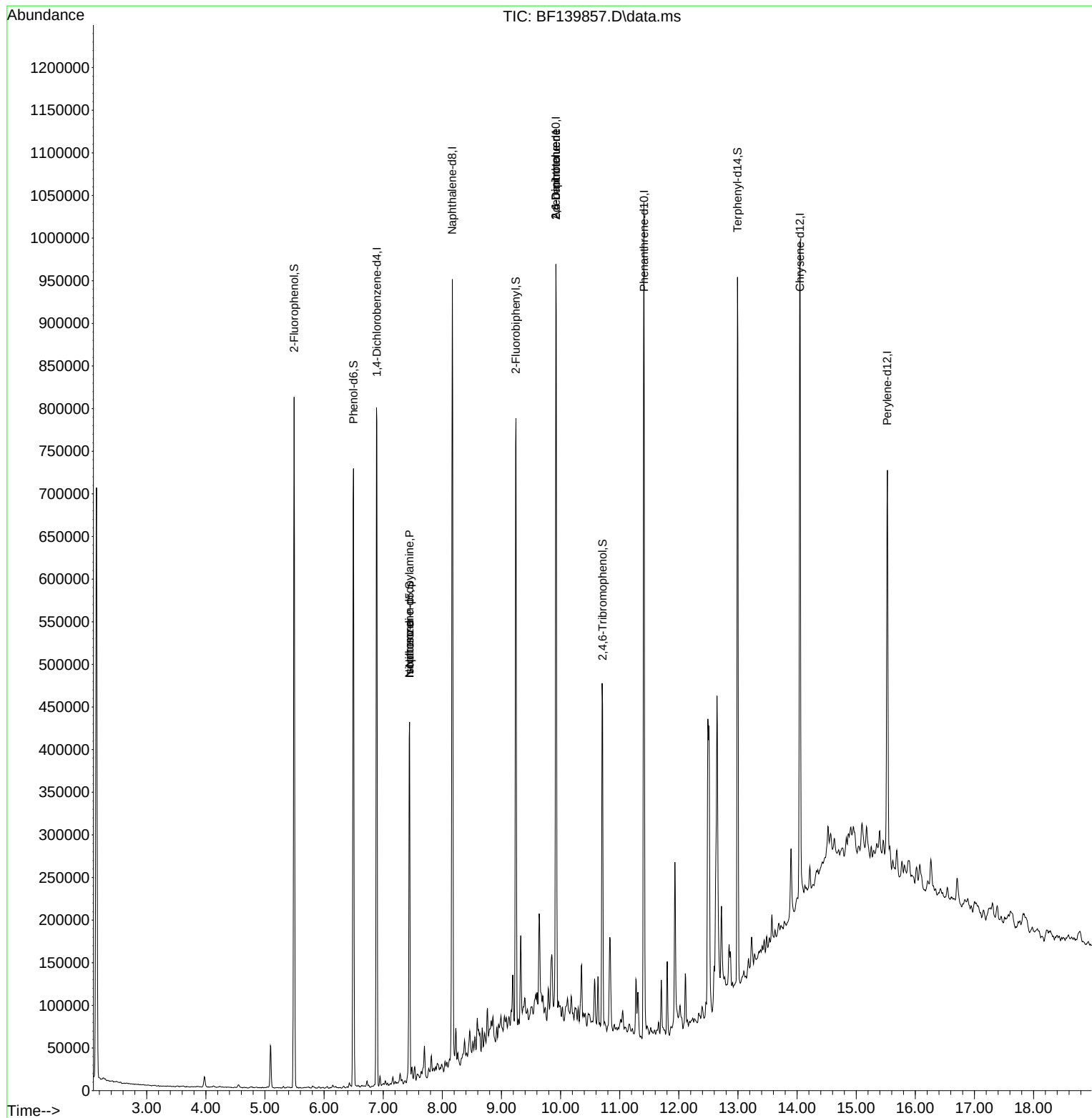
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	161030	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	525477	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	254286	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	495248	20.000	ng	0.00
76) Chrysene-d12	14.051	240	364844	20.000	ng	0.00
86) Perylene-d12	15.527	264	270216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	271072	26.353	ng	0.00
7) Phenol-d6	6.498	99	314556	23.611	ng	-0.01
23) Nitrobenzene-d5	7.445	82	172905	18.237	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	63361	26.639	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	304800	19.810	ng	0.00
79) Terphenyl-d14	12.992	244	398881	17.815	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	24018	2.973	ng	# 81
25) Isophorone	7.445	82	171549	9.533	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33689	9.823	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	33689	7.988	ng	# 21

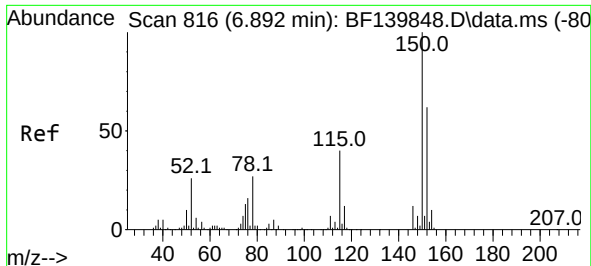
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139857.D
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Operator : RC/JU
Sample : P4422-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-101624

Quant Time: Oct 18 17:11:45 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
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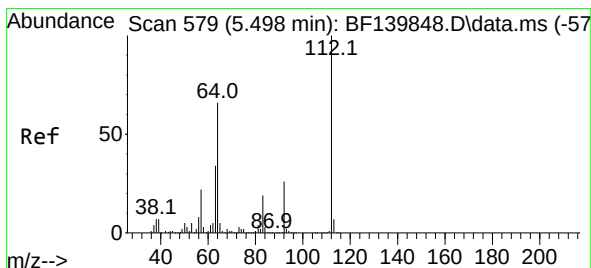
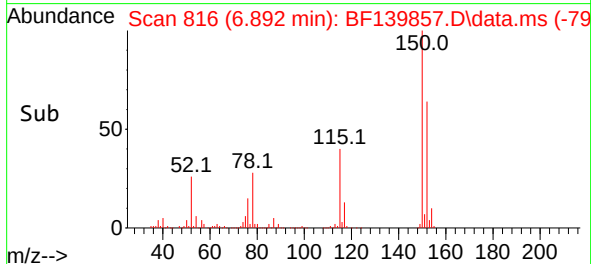
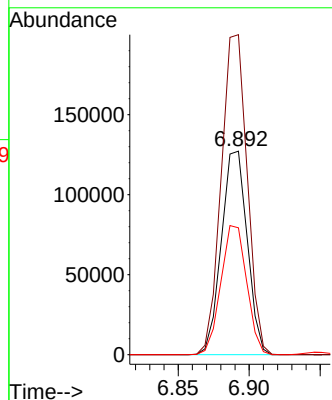
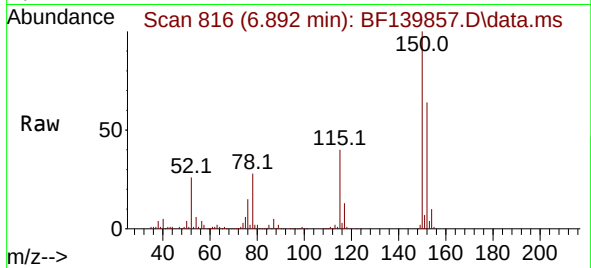




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

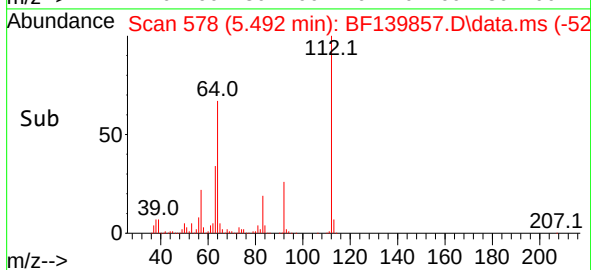
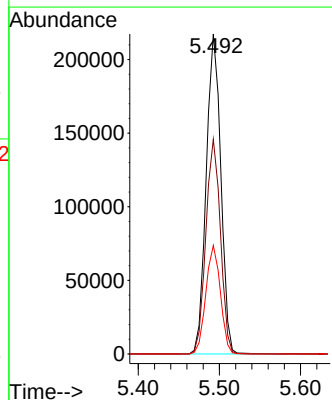
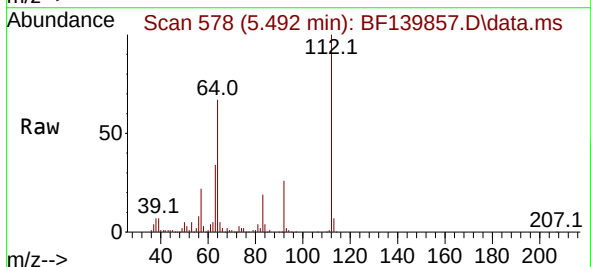
Instrument :
BNA_F
ClientSampleId :
EO-01-101624

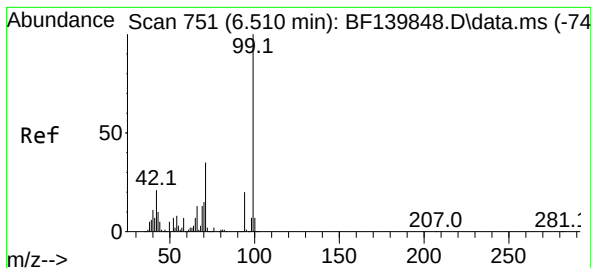
Tgt Ion:152 Resp: 161030
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 62.3 51.4 77.2



#5
2-Fluorophenol
Concen: 26.353 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Tgt Ion:112 Resp: 271072
Ion Ratio Lower Upper
112 100
64 67.1 53.0 79.6
63 33.9 27.0 40.4





#7

Phenol-d6

Concen: 23.611 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF139857.D

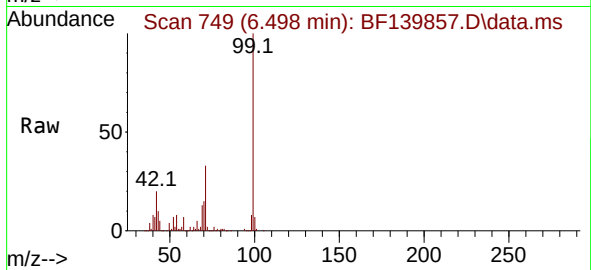
Acq: 18 Oct 2024 16:46

Instrument :

BNA_F

ClientSampleId :

EO-01-101624



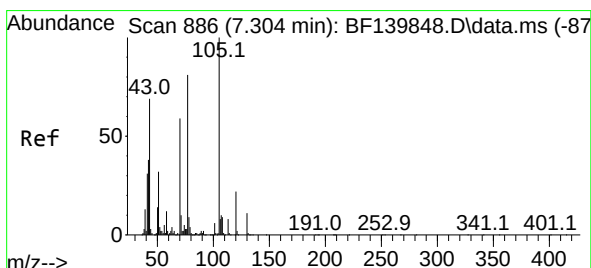
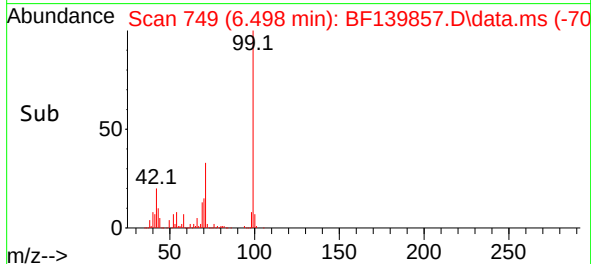
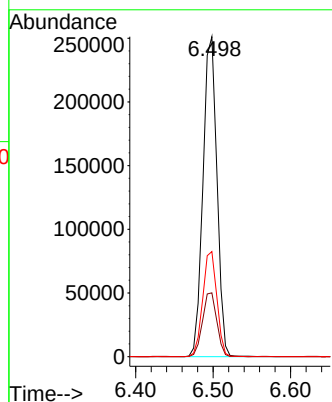
Tgt Ion: 99 Resp: 314556

Ion Ratio Lower Upper

99 100

42 20.0 16.7 25.1

71 32.9 27.7 41.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.973 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.141 min

Lab File: BF139857.D

Acq: 18 Oct 2024 16:46

Tgt Ion: 70 Resp: 24018

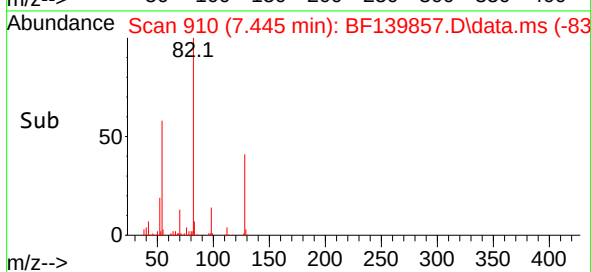
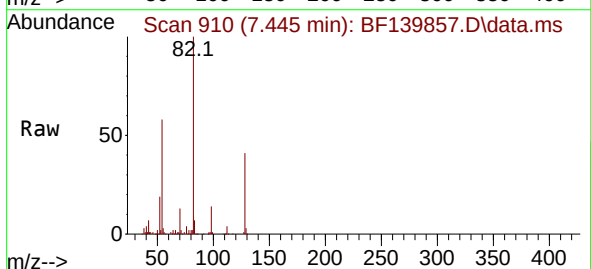
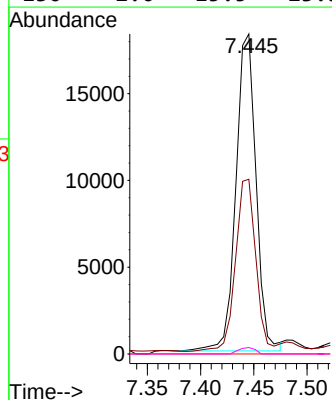
Ion Ratio Lower Upper

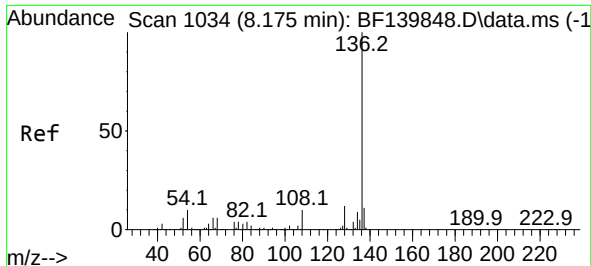
70 100

42 54.6 51.5 77.3

101 0.0 7.5 11.3#

130 2.0 15.5 23.3#



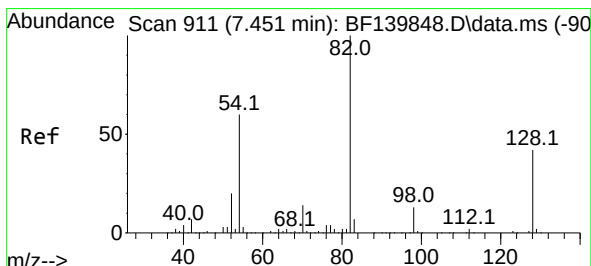
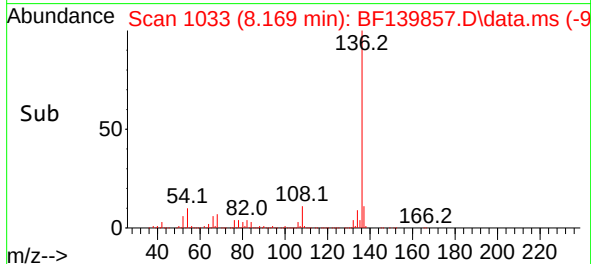
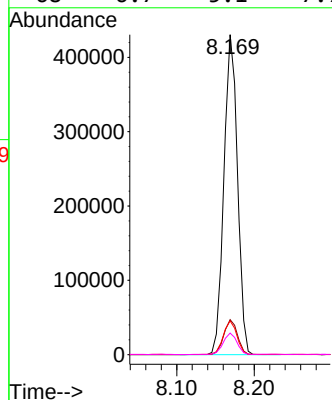
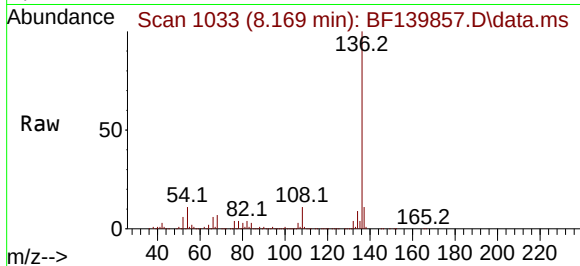


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Instrument :
BNA_F
ClientSampleId :
EO-01-101624

Tgt Ion:136 Resp: 525477

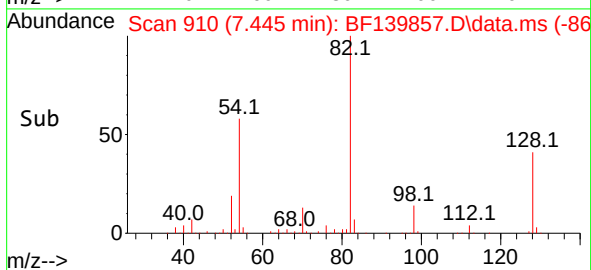
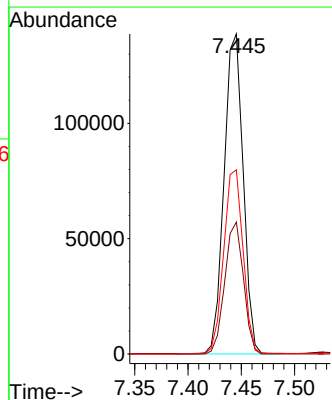
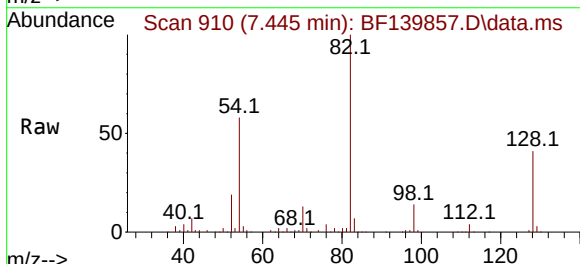
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.5	8.4	12.6
68	6.7	5.1	7.7

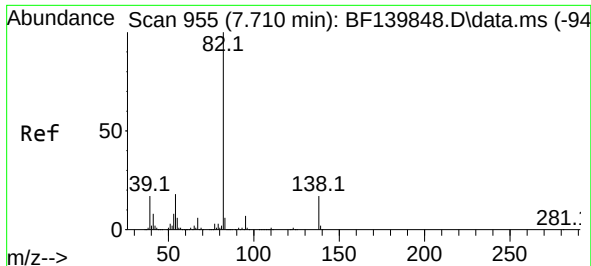


#23
Nitrobenzene-d5
Concen: 18.237 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Tgt Ion: 82 Resp: 172905

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.4	50.0
54	57.5	47.8	71.8

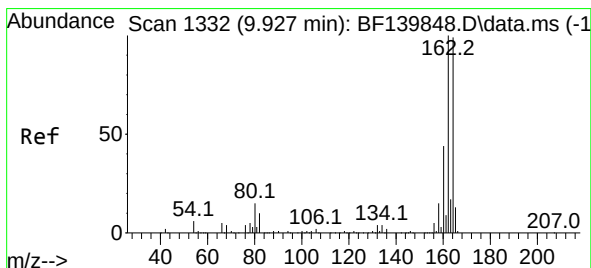
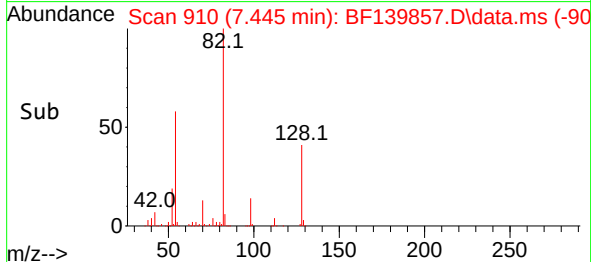
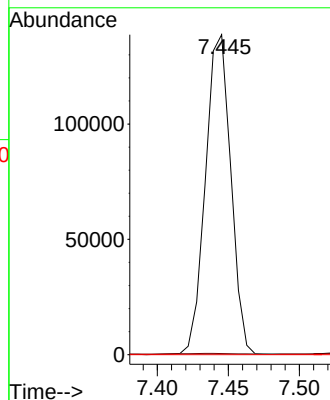
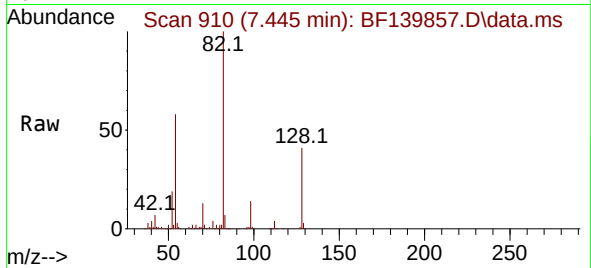




#25
Isophorone
Concen: 9.533 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

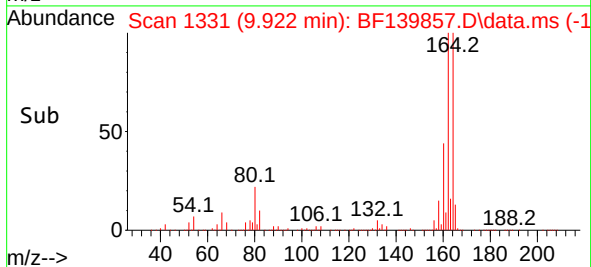
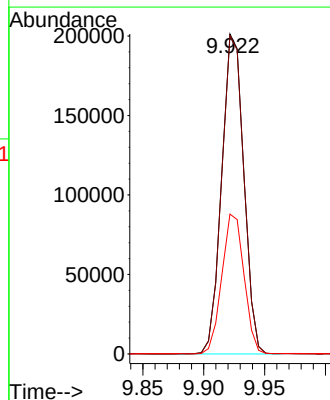
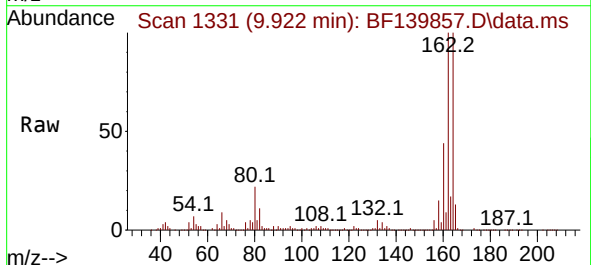
Instrument :
BNA_F
ClientSampleId :
EO-01-101624

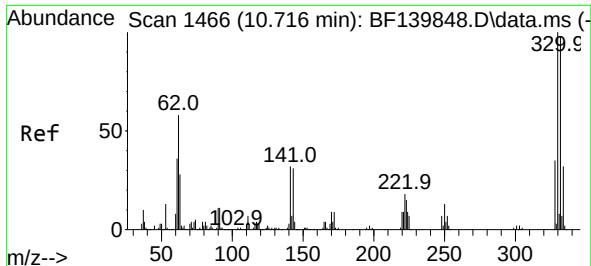
Tgt Ion: 82 Resp: 171549
Ion Ratio Lower Upper
82 100
95 0.3 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

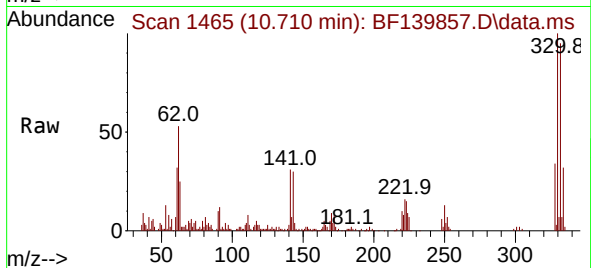
Tgt Ion: 164 Resp: 254286
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 43.7 35.4 53.0



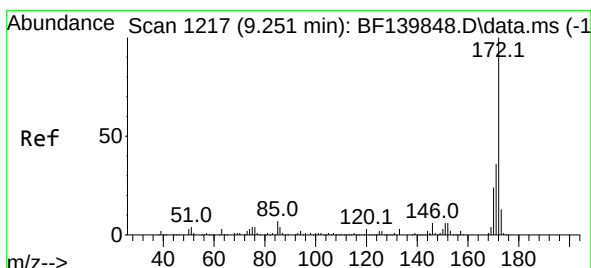
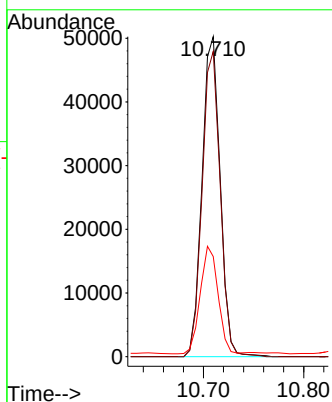
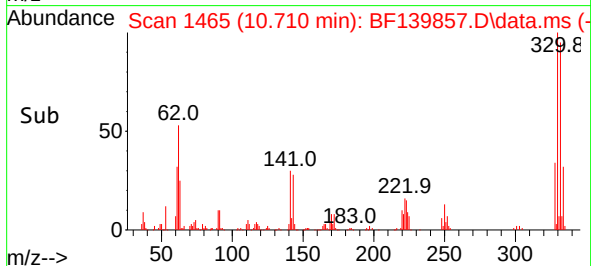


#42
2,4,6-Tribromophenol
Concen: 26.639 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Instrument :
BNA_F
ClientSampleId :
EO-01-101624

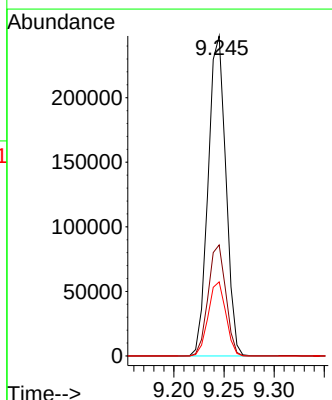
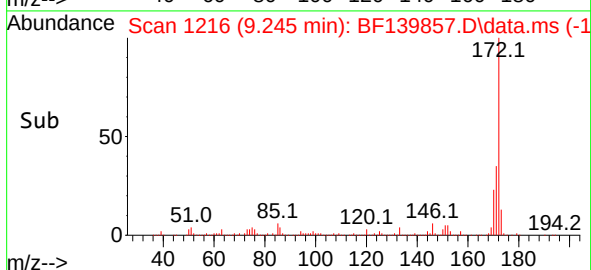
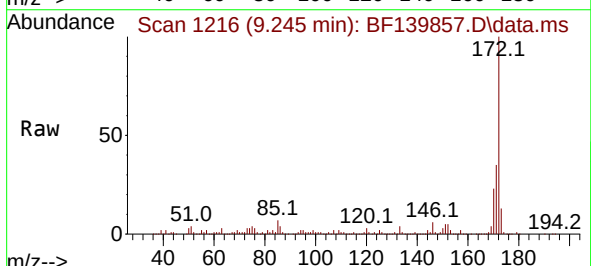


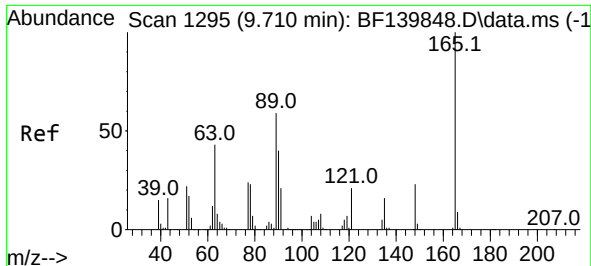
Tgt Ion:330 Resp: 63361
Ion Ratio Lower Upper
330 100
332 95.0 78.1 117.1
141 33.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 19.810 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Tgt Ion:172 Resp: 304800
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.2 19.1 28.7

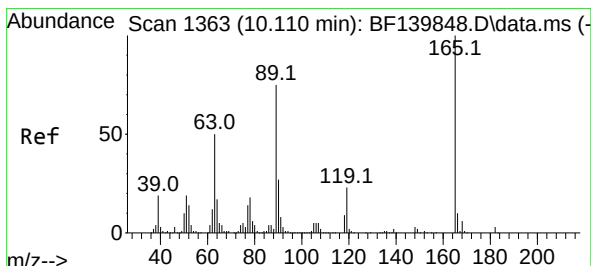
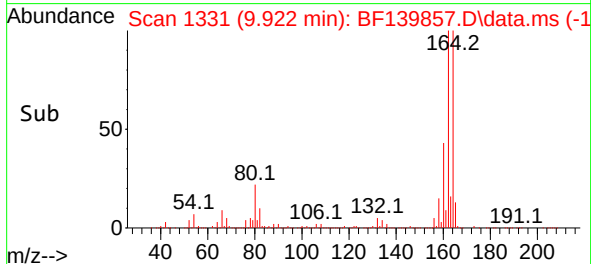
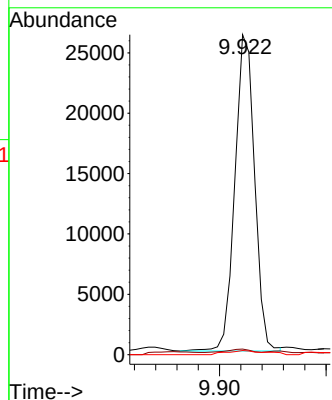
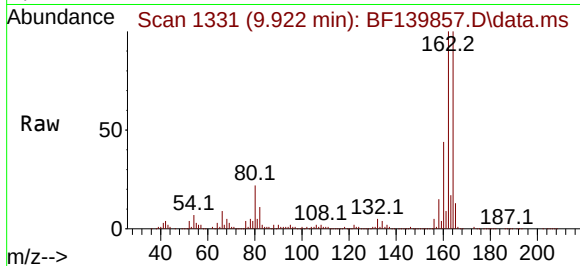




#51
2,6-Dinitrotoluene
Concen: 9.823 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

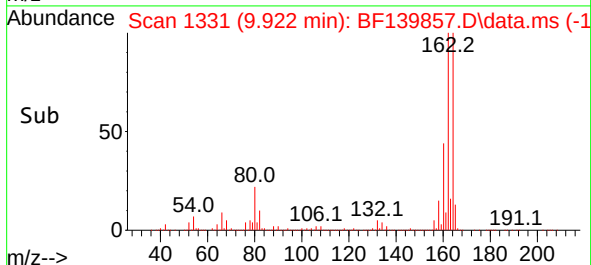
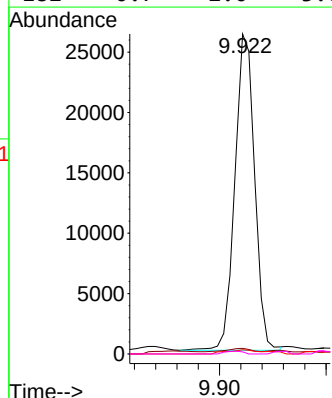
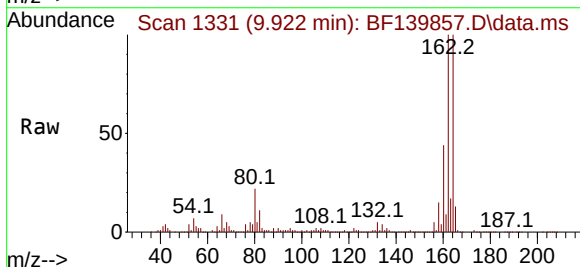
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EO-01-101624

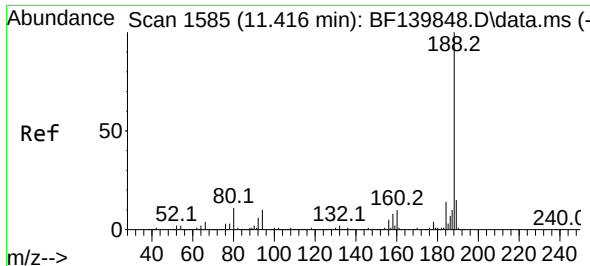
Tgt Ion:165 Resp: 33689
Ion Ratio Lower Upper
165 100
63 1.8 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.988 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Tgt Ion:165 Resp: 33689
Ion Ratio Lower Upper
165 100
63 1.8 40.1 60.1#
89 1.3 60.4 90.6#
182 0.7 2.0 3.0#

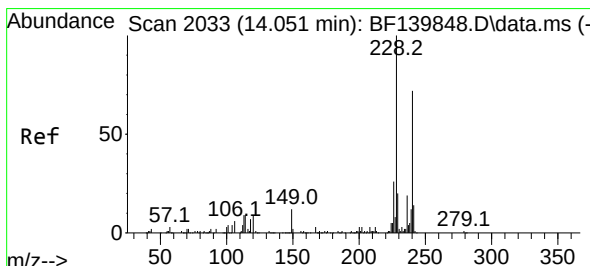
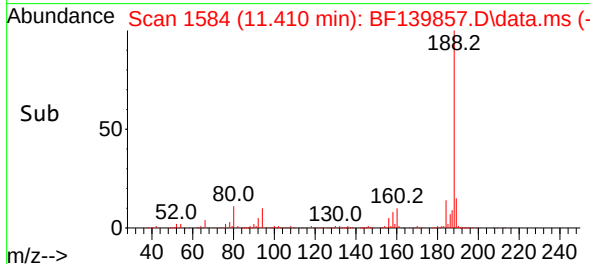
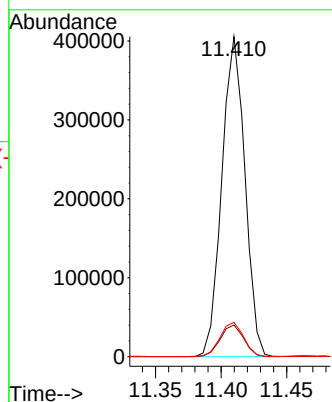
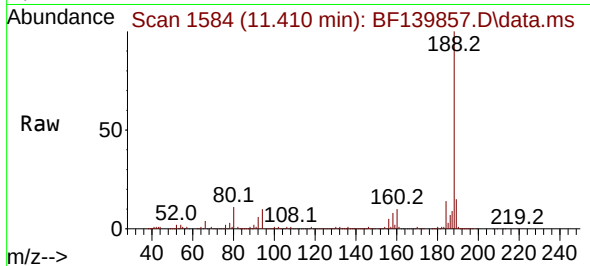




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

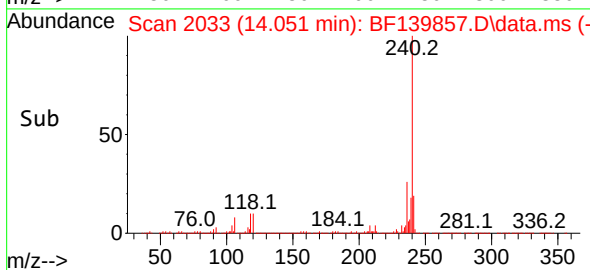
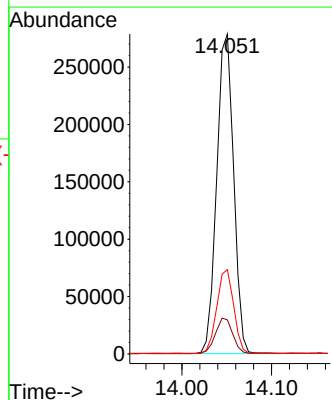
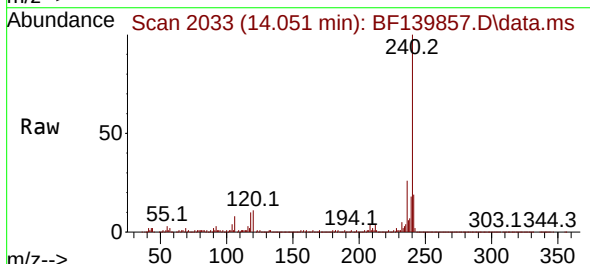
Instrument :
BNA_F
ClientSampleId :
EO-01-101624

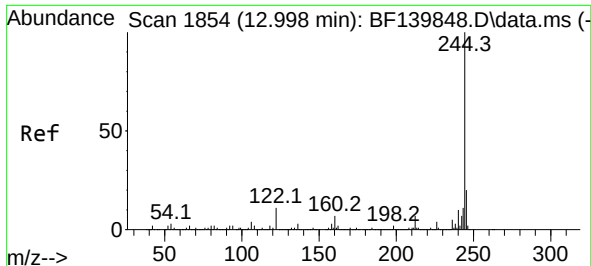
Tgt Ion:188 Resp: 495248
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.8 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Tgt Ion:240 Resp: 364844
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.3 20.9 31.3

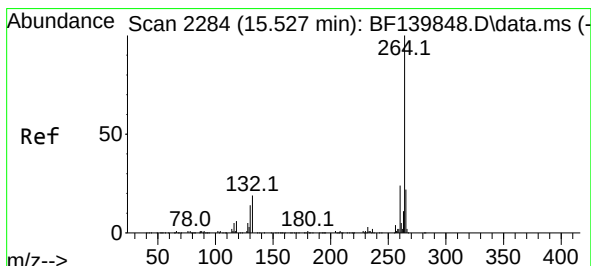
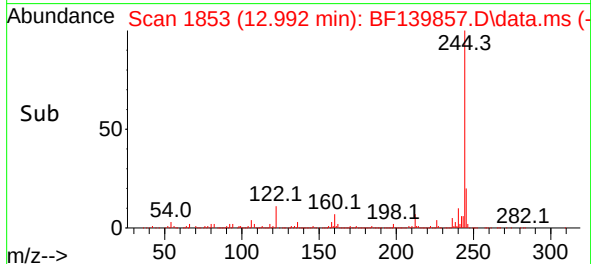
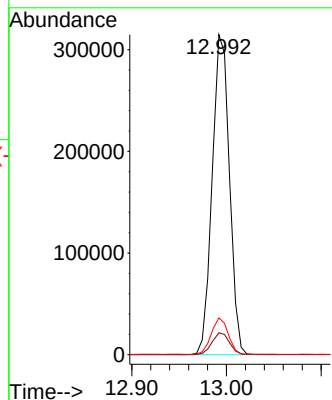
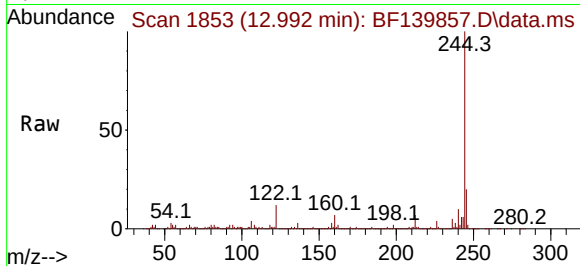




#79
 Terphenyl-d14
 Concen: 17.815 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139857.D
 Acq: 18 Oct 2024 16:46

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-101624

Tgt Ion:244 Resp: 398881
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.5 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: BF139857.D
 Acq: 18 Oct 2024 16:46

Tgt Ion:264 Resp: 270216
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.6 17.4 26.0

