

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139866.D
 Acq On : 18 Oct 2024 21:02
 Operator : RC/JU
 Sample : P4426-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-6

Quant Time: Oct 18 23:09:20 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)

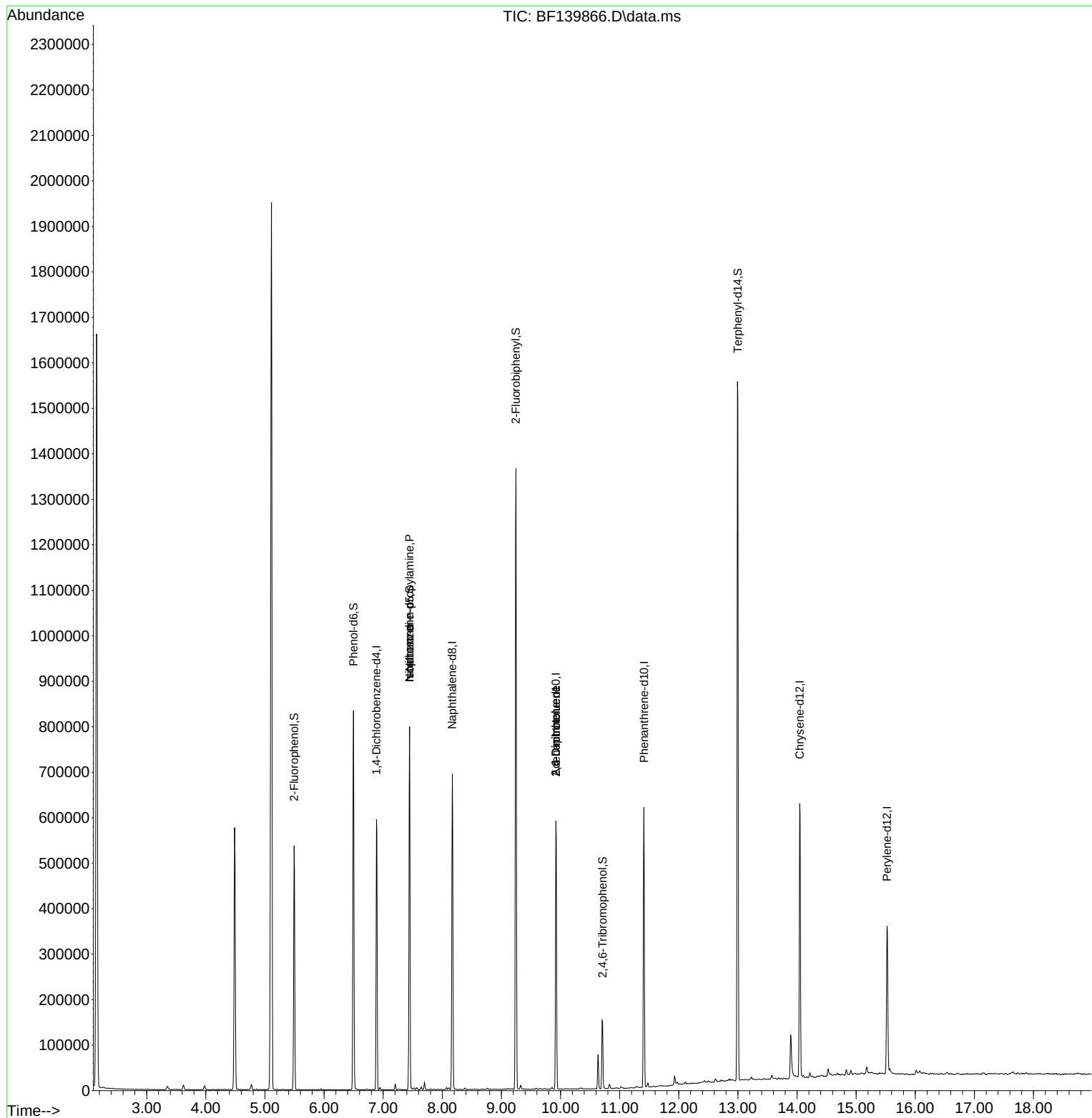
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	120373	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	400735	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	171131	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	311468	20.000	ng	0.00
76) Chrysene-d12	14.045	240	278398	20.000	ng	0.00
86) Perylene-d12	15.521	264	189358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	184931	24.051	ng	0.00
7) Phenol-d6	6.498	99	358658	36.014	ng	-0.01
23) Nitrobenzene-d5	7.445	82	313058	43.297	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	24055	15.028	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	580461	56.058	ng	0.00
79) Terphenyl-d14	12.998	244	766130	44.842	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	43207	7.154	ng	# 81
25) Isophorone	7.445	82	312942	22.804	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	21936	9.504	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	21936	7.729	ng	# 21

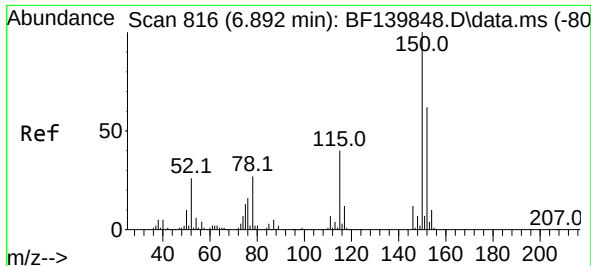
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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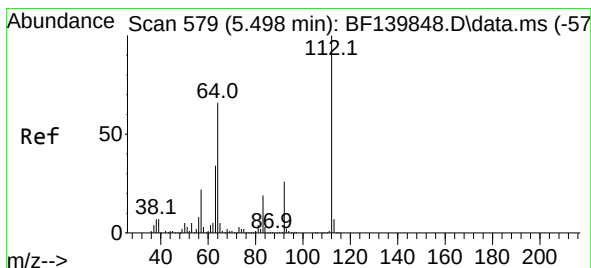
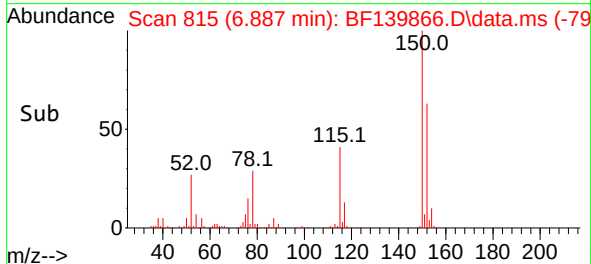
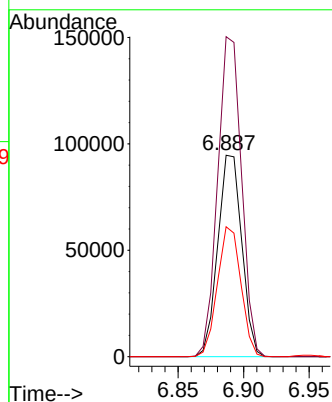
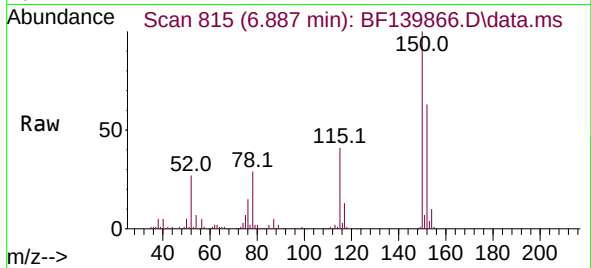




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

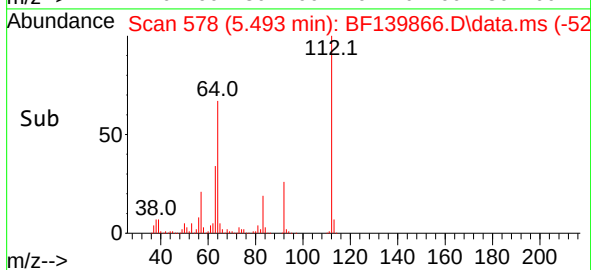
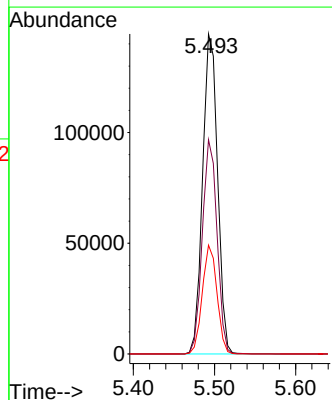
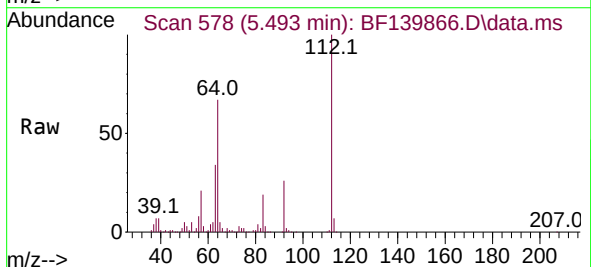
Instrument :
BNA_F
ClientSampleId :
PAD-6

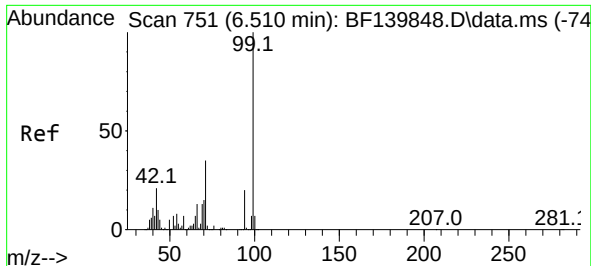
Tgt Ion:152 Resp: 120373
Ion Ratio Lower Upper
152 100
150 158.8 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 24.051 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Tgt Ion:112 Resp: 184931
Ion Ratio Lower Upper
112 100
64 66.9 53.0 79.6
63 34.0 27.0 40.4

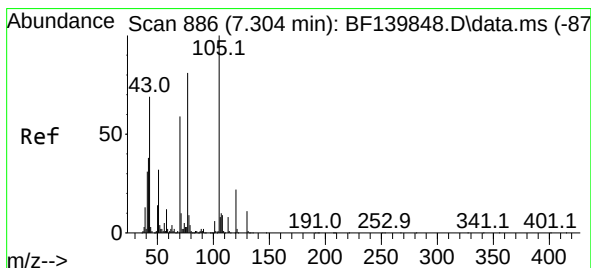
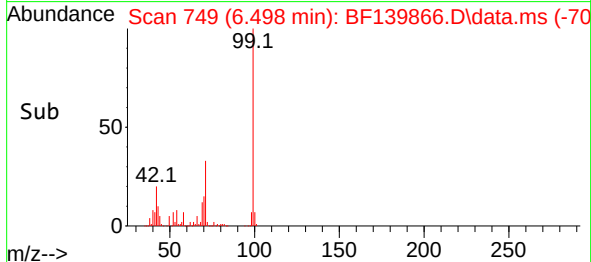
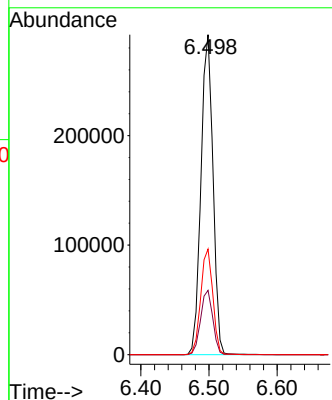
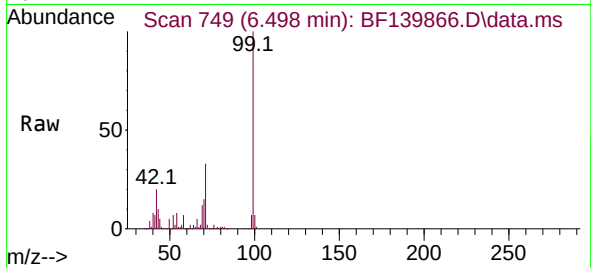




#7
Phenol-d6
Concen: 36.014 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

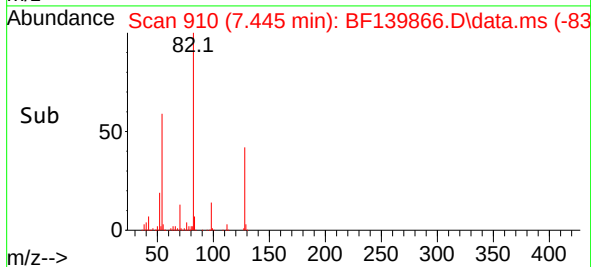
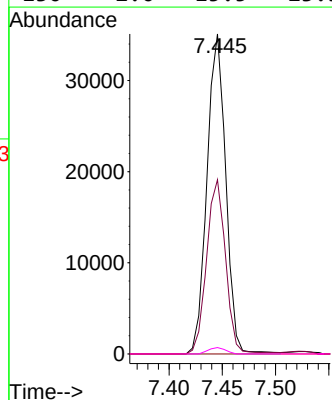
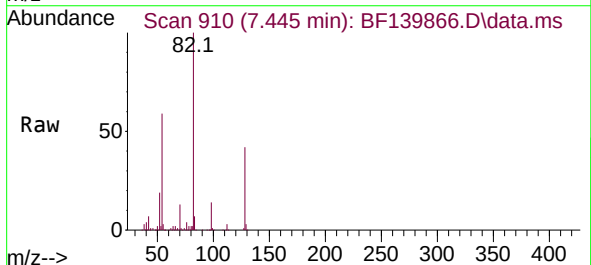
Instrument :
BNA_F
ClientSampleId :
PAD-6

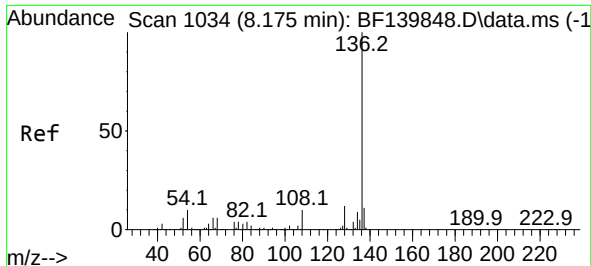
Tgt Ion: 99 Resp: 358658
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 33.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.154 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Tgt Ion: 70 Resp: 43207
Ion Ratio Lower Upper
70 100
42 54.4 51.5 77.3
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



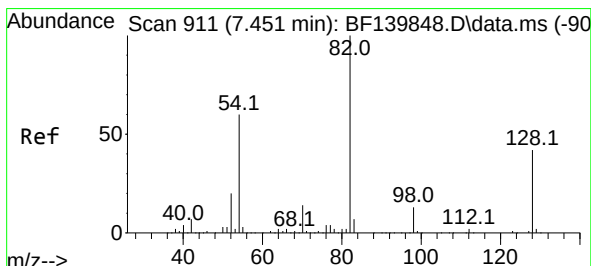
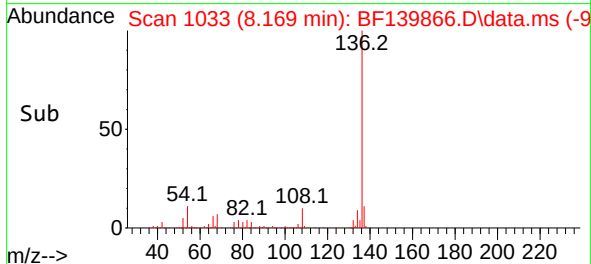
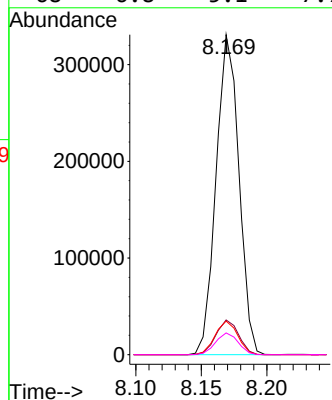
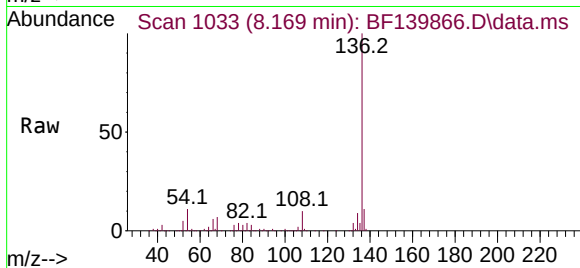


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Instrument :
BNA_F
ClientSampleId :
PAD-6

Tgt Ion:136 Resp: 400735

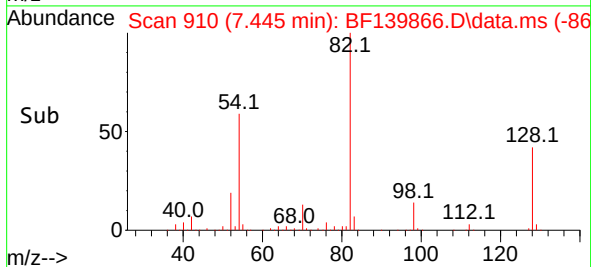
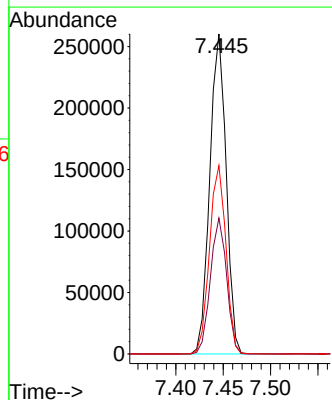
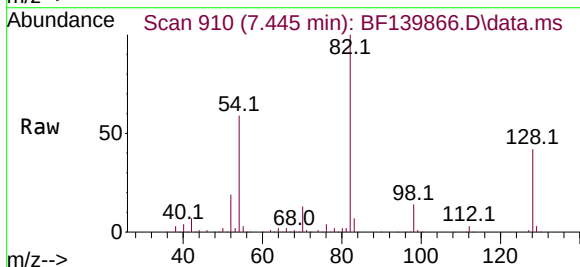
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.5	8.4	12.6
68	6.8	5.1	7.7

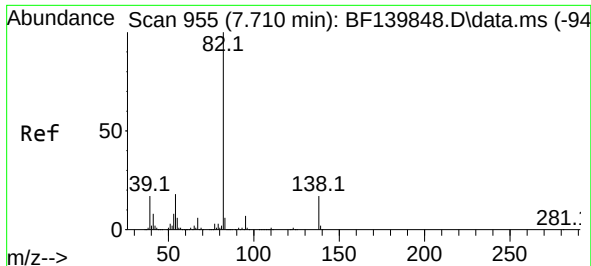


#23
Nitrobenzene-d5
Concen: 43.297 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Tgt Ion: 82 Resp: 313058

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	58.9	47.8	71.8

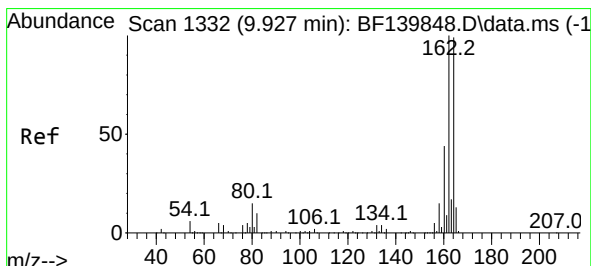
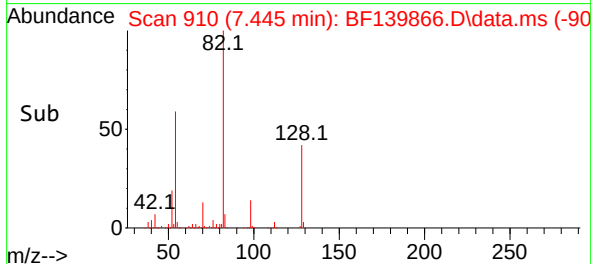
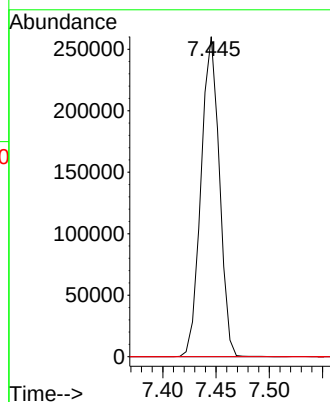
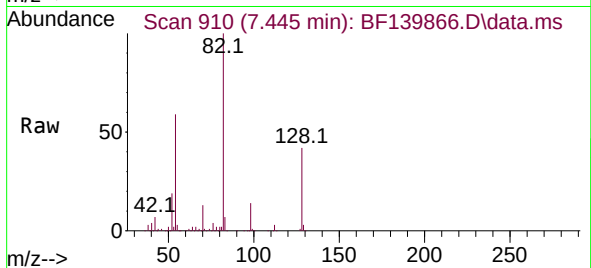




#25
Isophorone
Concen: 22.804 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

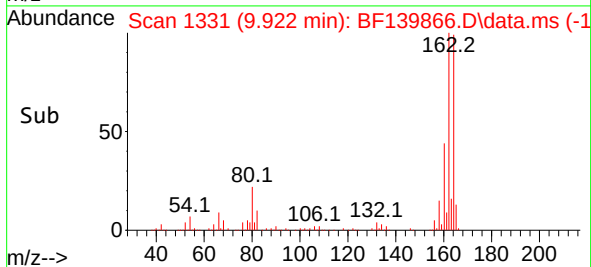
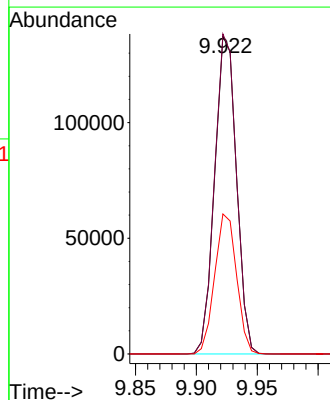
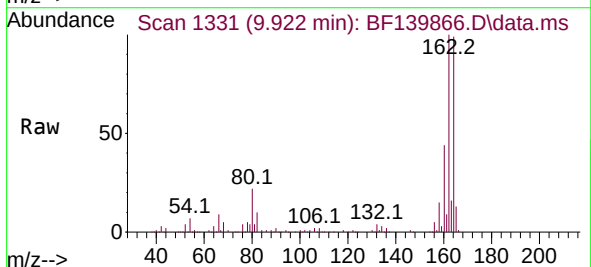
Instrument :
BNA_F
ClientSampleId :
PAD-6

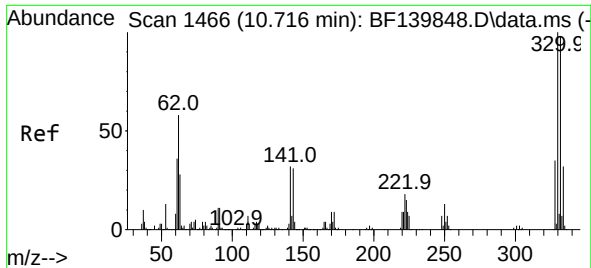
Tgt Ion: 82 Resp: 312942
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Tgt Ion: 164 Resp: 171131
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 44.0 35.4 53.0

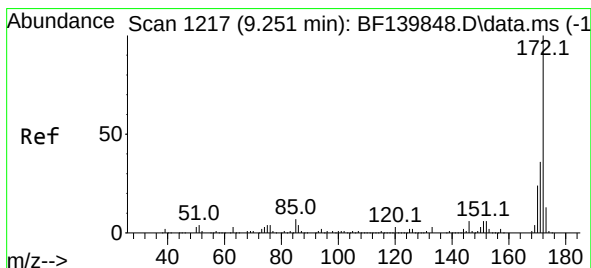
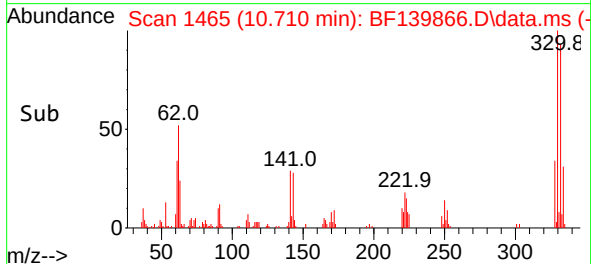
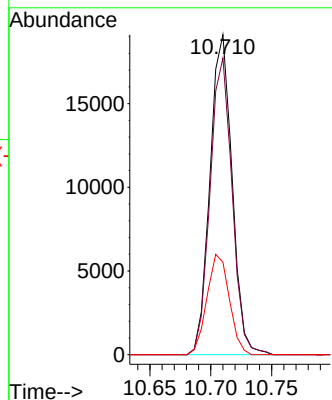
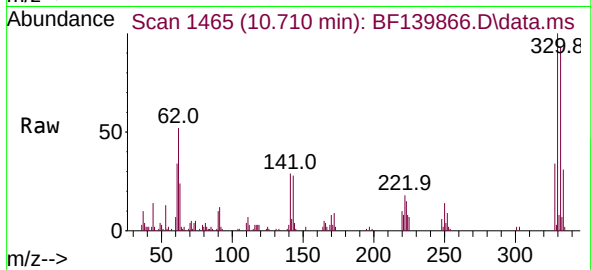




#42
2,4,6-Tribromophenol
Concen: 15.028 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

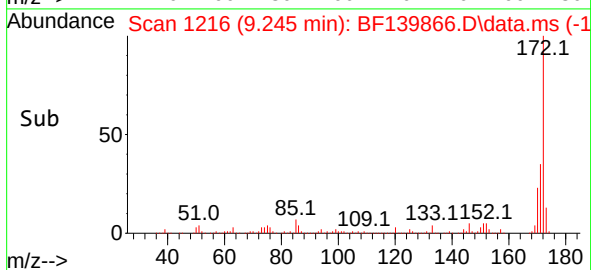
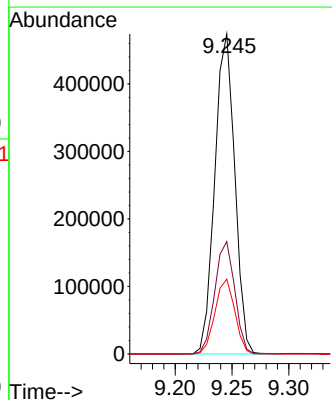
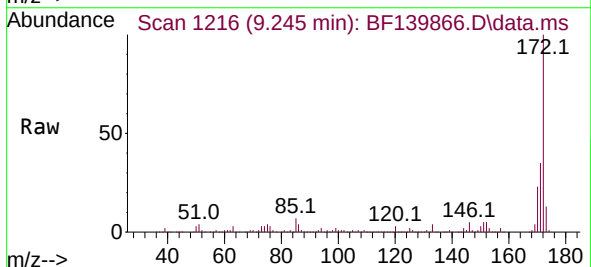
Instrument :
BNA_F
ClientSampleId :
PAD-6

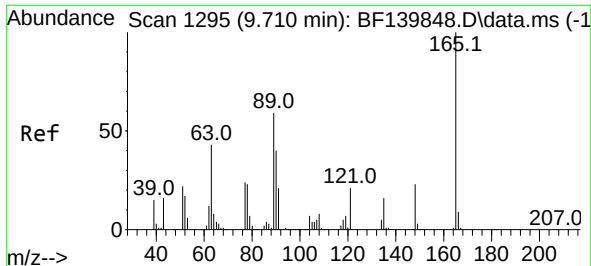
Tgt Ion: 330 Resp: 24055
Ion Ratio Lower Upper
330 100
332 92.5 78.1 117.1
141 31.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 56.058 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Tgt Ion: 172 Resp: 580461
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.4 19.1 28.7

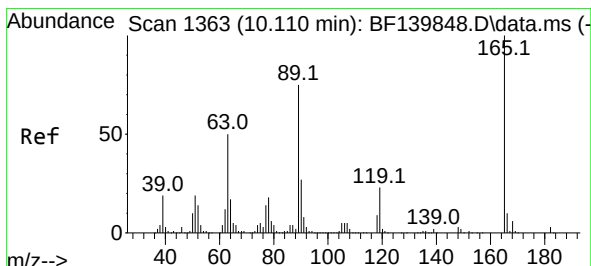
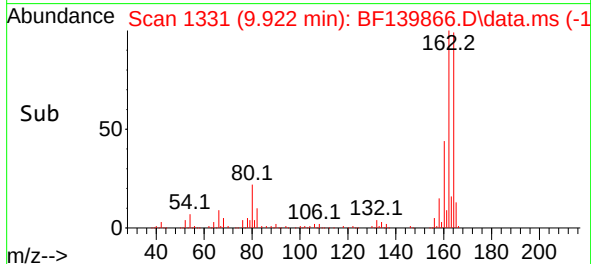
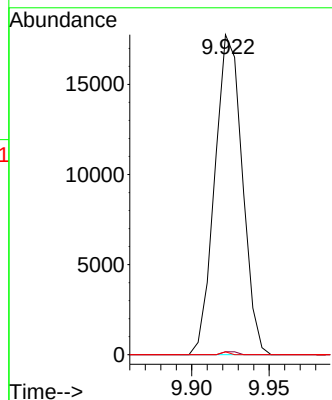
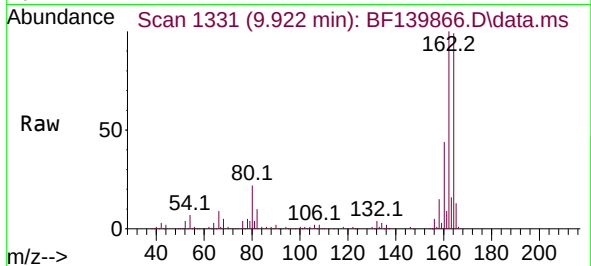




#51
2,6-Dinitrotoluene
Concen: 9.504 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

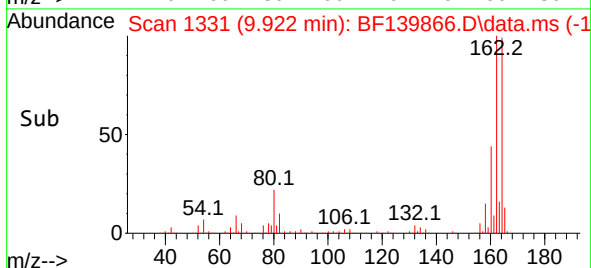
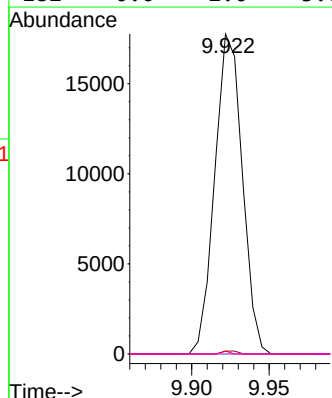
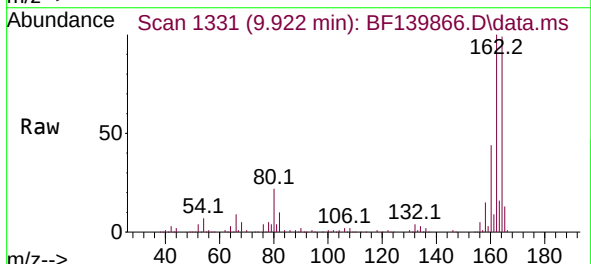
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ClientSampleId :
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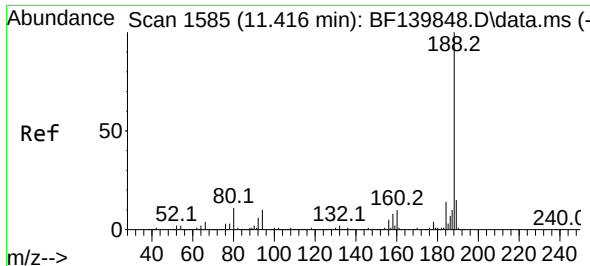
Tgt Ion:165 Resp: 21936
Ion Ratio Lower Upper
165 100
63 0.9 50.6 75.8#
89 0.9 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.729 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Tgt Ion:165 Resp: 21936
Ion Ratio Lower Upper
165 100
63 0.9 40.1 60.1#
89 0.9 60.4 90.6#
182 0.0 2.0 3.0#

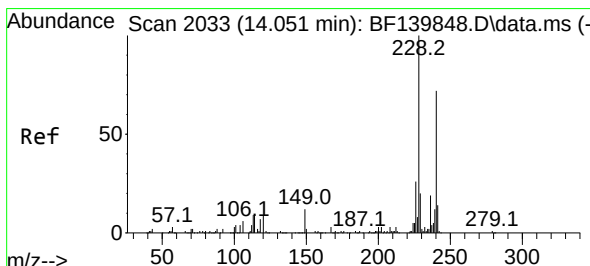
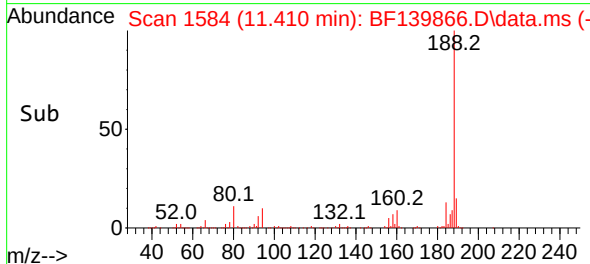
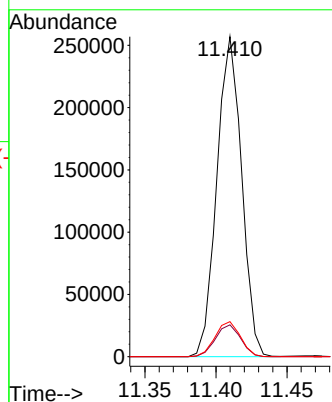
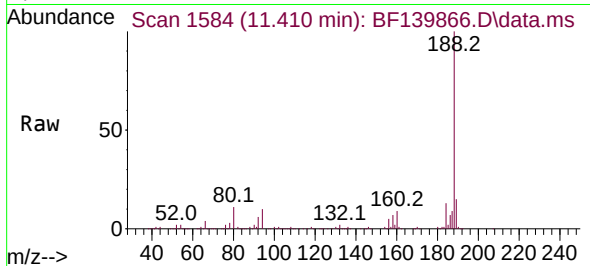




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

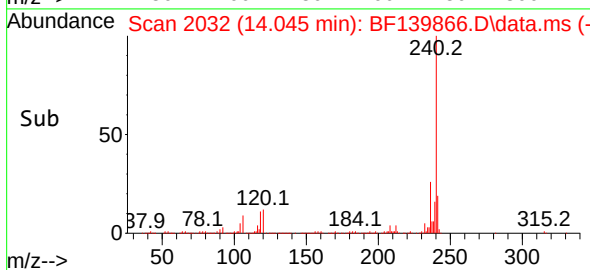
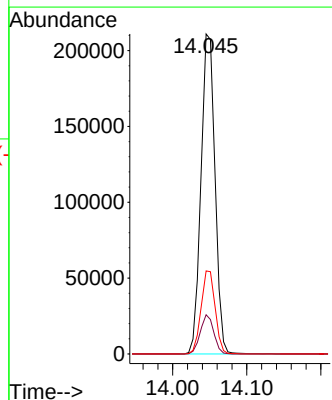
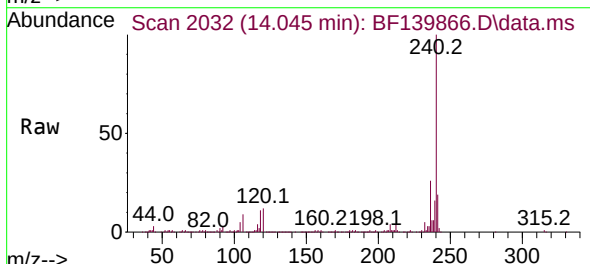
Instrument :
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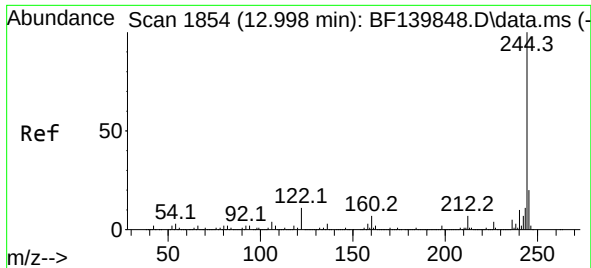
Tgt Ion:188 Resp: 311468
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139866.D
Acq: 18 Oct 2024 21:02

Tgt Ion:240 Resp: 278398
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 26.0 20.9 31.3

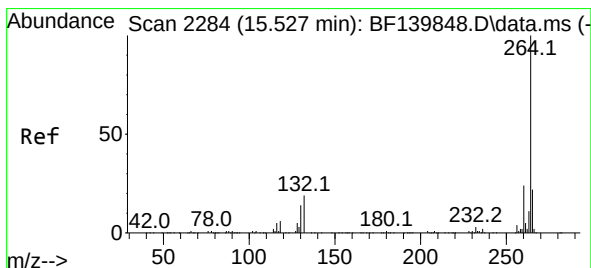
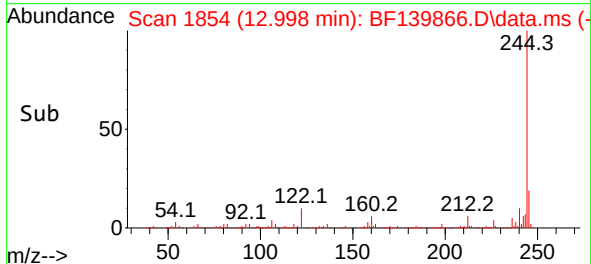
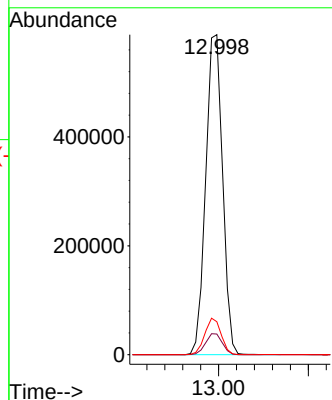
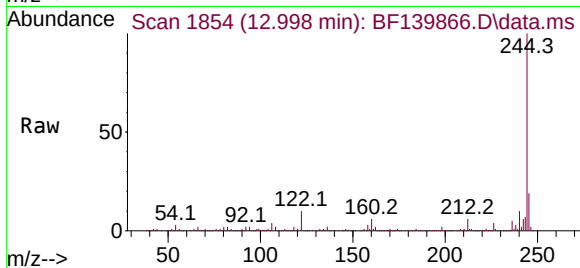




#79
 Terphenyl-d14
 Concen: 44.842 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139866.D
 Acq: 18 Oct 2024 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PAD-6

Tgt Ion:244 Resp: 766130
 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: 15.521 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF139866.D
 Acq: 18 Oct 2024 21:02

Tgt Ion:264 Resp: 189358
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.0 17.4 26.0

