

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139881.D
 Acq On : 19 Oct 2024 19:42
 Operator : RC/JU
 Sample : P4426-29
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-15

Quant Time: Oct 21 01:43:33 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)

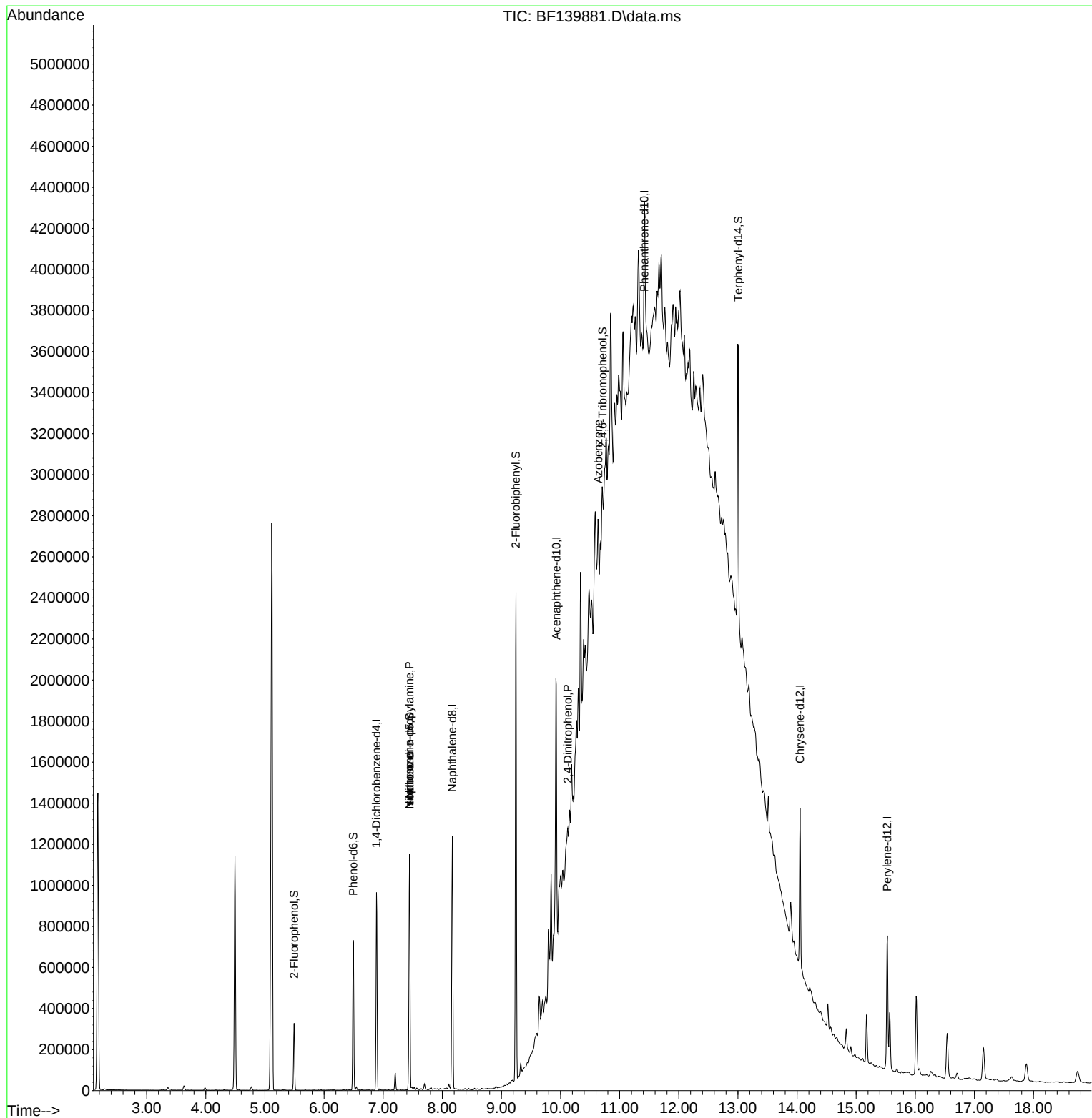
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	195168	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	723646	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	347098	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	428172	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	361459	20.000	ng	0.00
86) Perylene-d12	15.527	264	381877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	109717	8.801	ng	0.00
7) Phenol-d6	6.493	99	325594	20.165	ng	-0.02
23) Nitrobenzene-d5	7.446	82	472291	36.172	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	18970	5.843	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1010748	48.126	ng	0.00
79) Terphenyl-d14	13.004	244	761581	34.333	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.446	70	63061	6.439	ng	# 80
25) Isophorone	7.446	82	470466	18.985	ng	# 67
54) 2,4-Dinitrophenol	10.122	184	1317	7.150	ng	# 30
63) Azobenzene	10.639	77	47439	2.108	ng	# 14

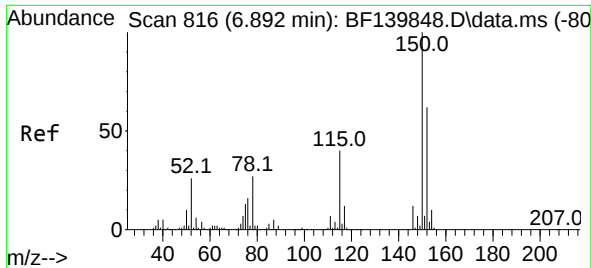
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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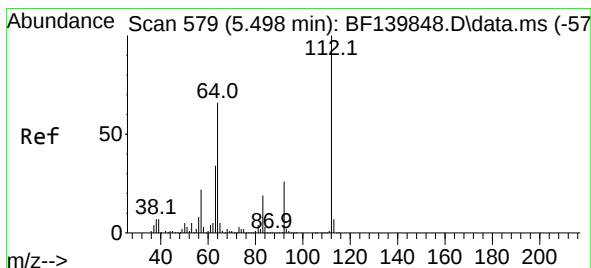
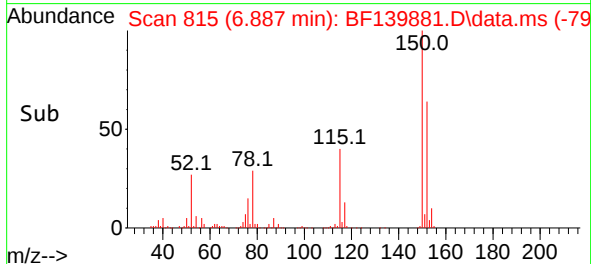
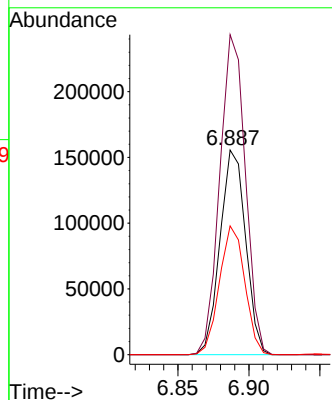
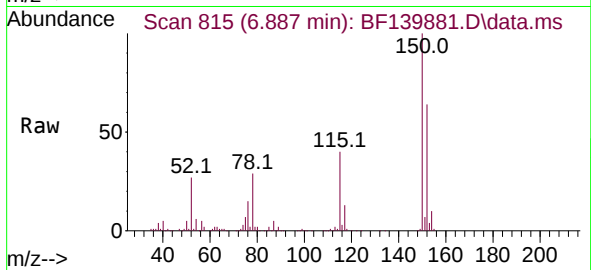




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

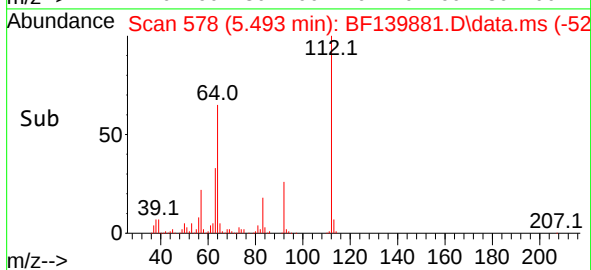
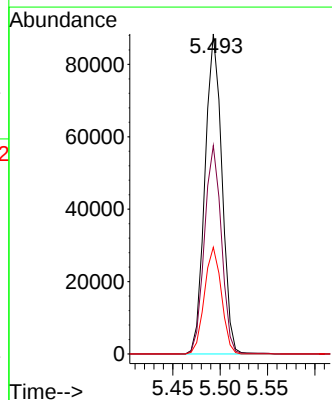
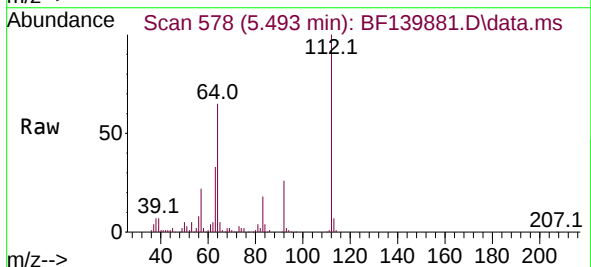
Instrument :
BNA_F
ClientSampleId :
PAD-15

Tgt Ion:152 Resp: 195168
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 8.801 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

Tgt Ion:112 Resp: 109717
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 33.4 27.0 40.4

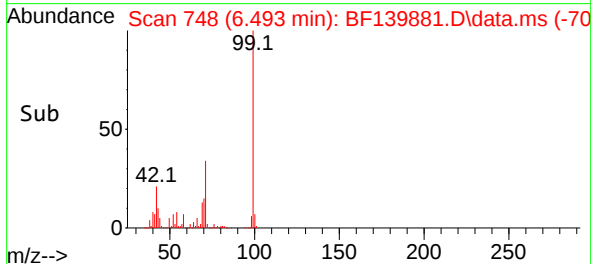
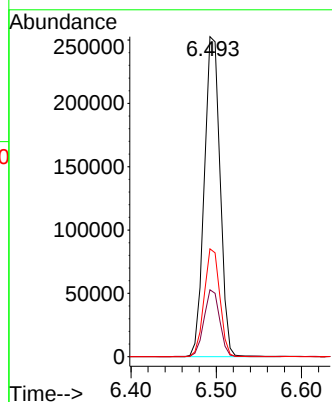
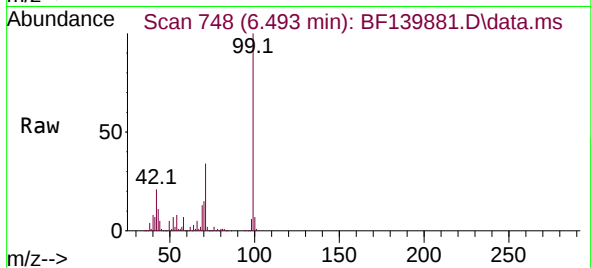




#7
Phenol-d6
Concen: 20.165 ng
RT: 6.493 min Scan# 741
Delta R.T. -0.017 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

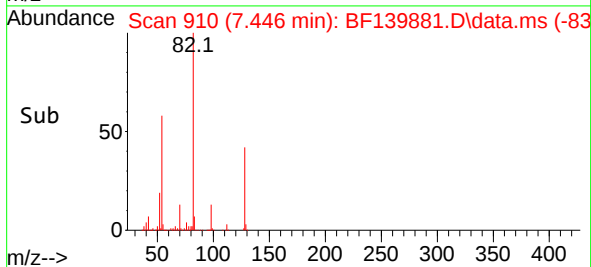
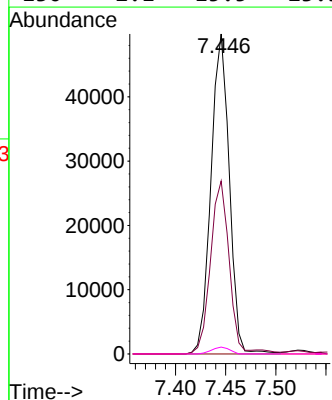
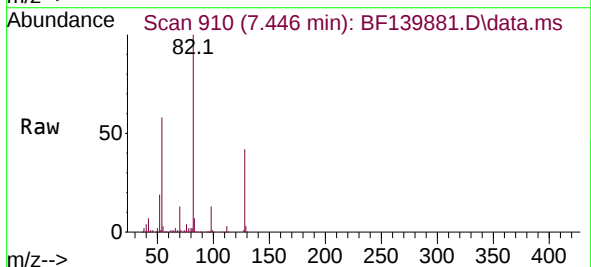
Instrument :
BNA_F
ClientSampleId :
PAD-15

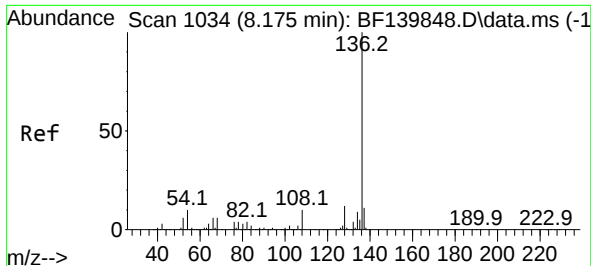
Tgt Ion: 99 Resp: 325594
Ion Ratio Lower Upper
99 100
42 20.9 16.7 25.1
71 33.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 6.439 ng
RT: 7.446 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

Tgt Ion: 70 Resp: 63061
Ion Ratio Lower Upper
70 100
42 54.1 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# 1033
Delta R.T. -0.006 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

Instrument :

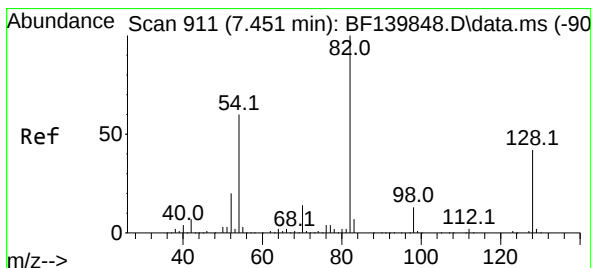
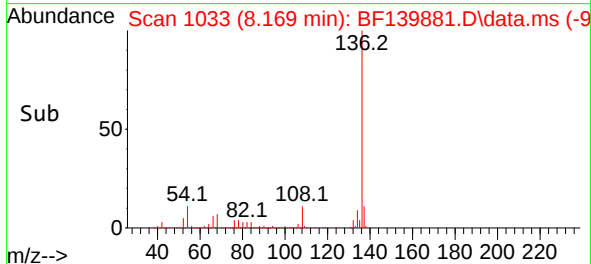
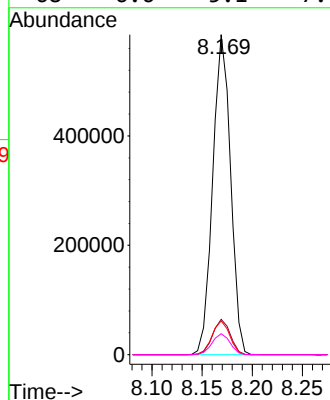
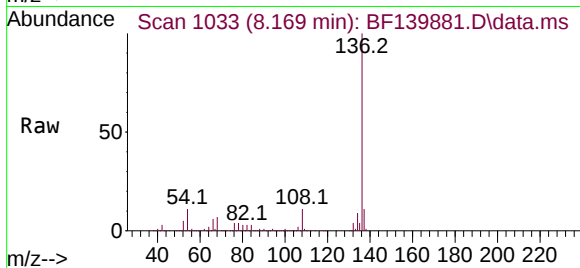
BNA_F

ClientSampleId :

PAD-15

Tgt Ion:136 Resp: 723646

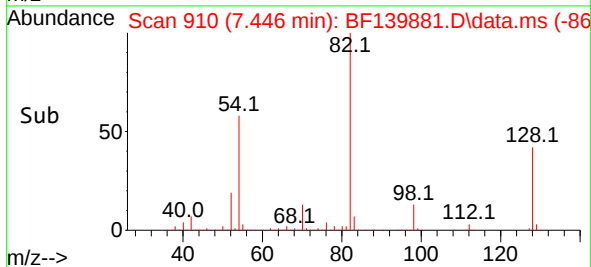
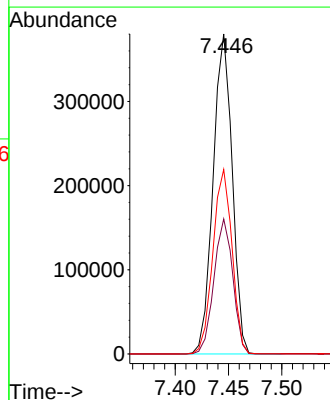
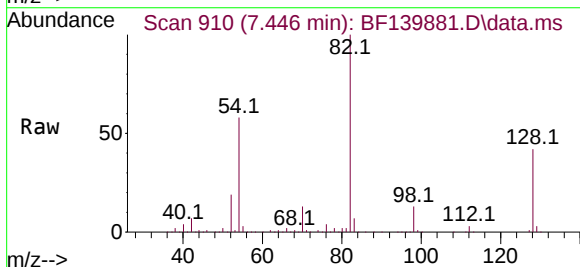
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.6	8.4	12.6
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 36.172 ng
RT: 7.446 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

Tgt Ion: 82 Resp: 472291

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	57.6	47.8	71.8

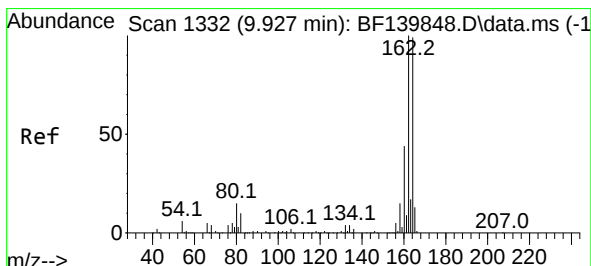
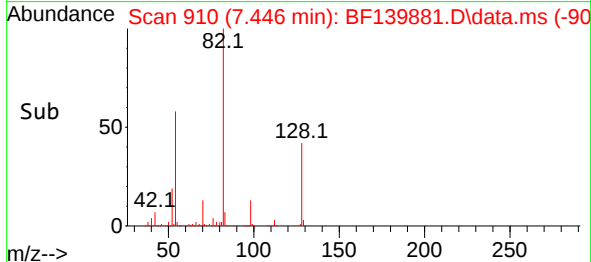
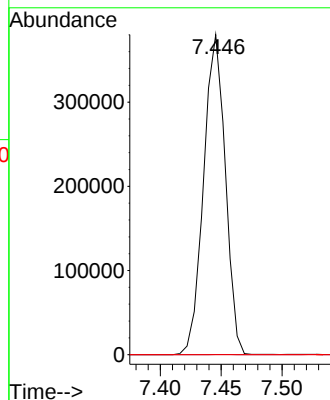
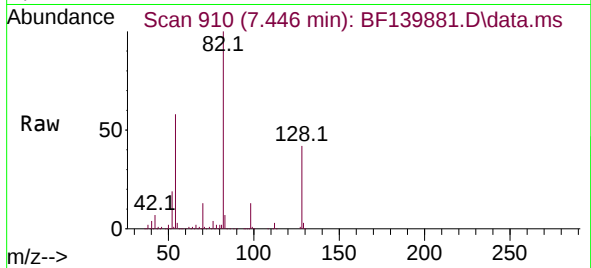




#25
Isophorone
Concen: 18.985 ng
RT: 7.446 min Scan# 910
Delta R.T. -0.264 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

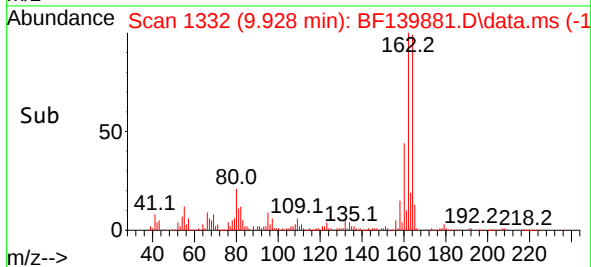
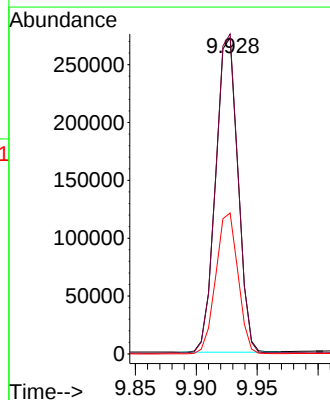
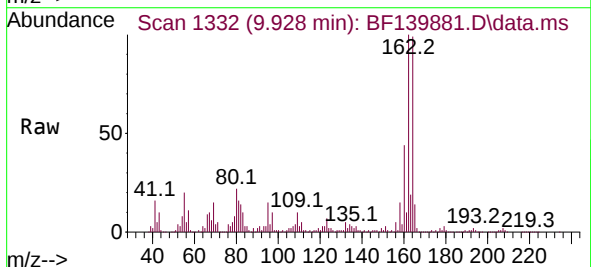
Instrument :
BNA_F
ClientSampleId :
PAD-15

Tgt Ion: 82 Resp: 470466
Ion Ratio Lower Upper
82 100
95 0.1 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: BF139881.D
Acq: 19 Oct 2024 19:42

Tgt Ion:164 Resp: 347098
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 44.6 35.4 53.0

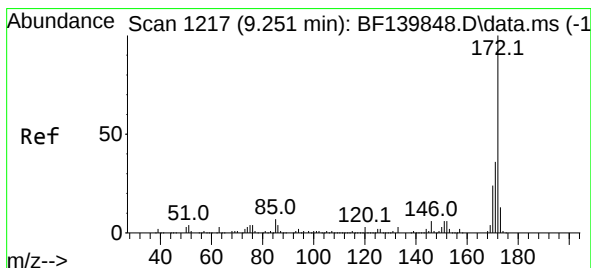
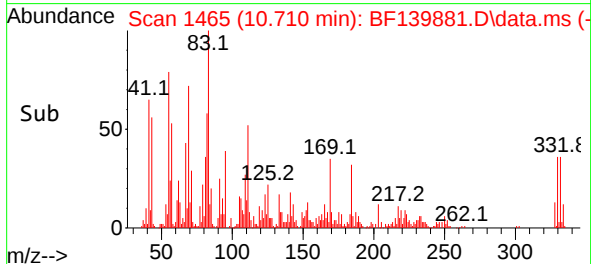
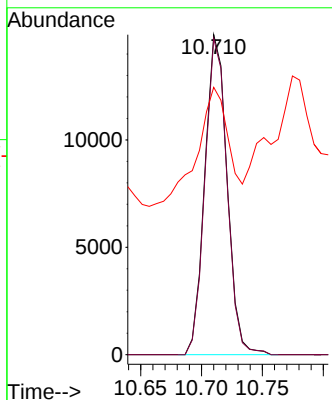
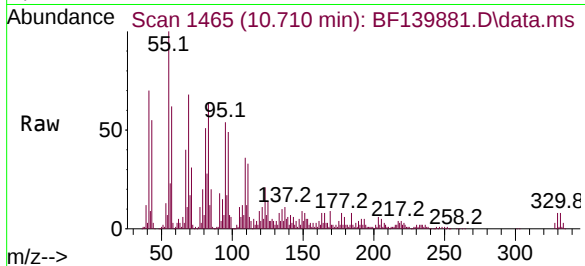




#42
2,4,6-Tribromophenol
Concen: 5.843 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

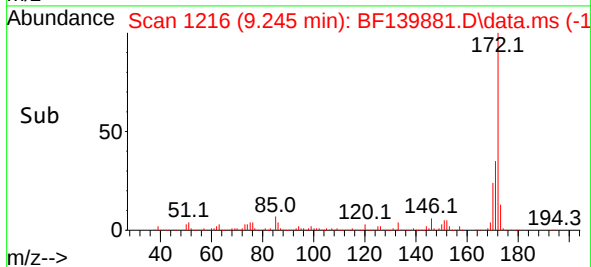
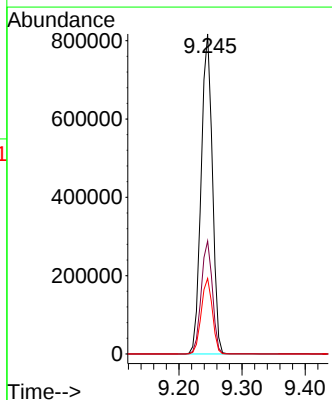
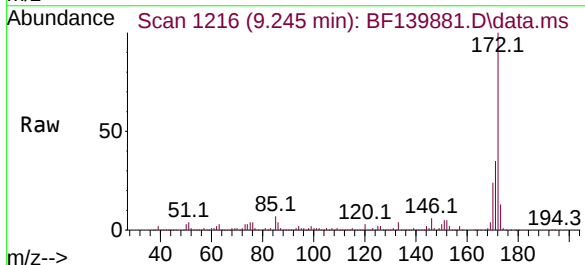
Instrument :
BNA_F
ClientSampleId :
PAD-15

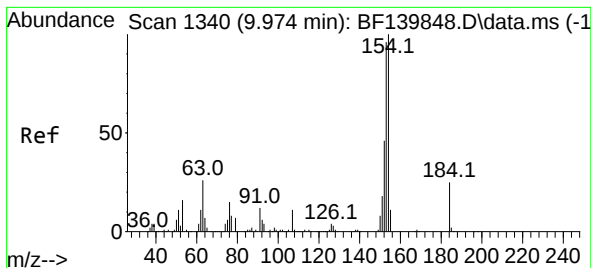
Tgt Ion:330 Resp: 18970
Ion Ratio Lower Upper
330 100
332 98.0 78.1 117.1
141 49.8 26.6 39.8#



#45
2-Fluorobiphenyl
Concen: 48.126 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

Tgt Ion:172 Resp: 1010748
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 7.150 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.148 min

Lab File: BF139881.D

Acq: 19 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

PAD-15

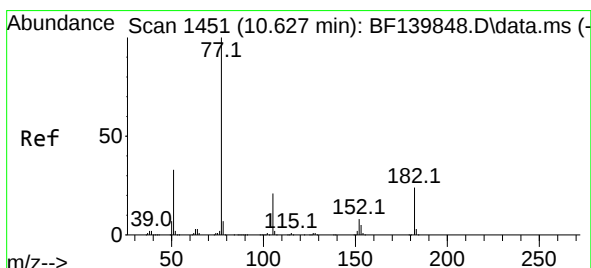
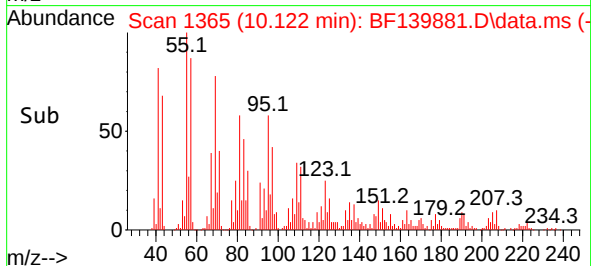
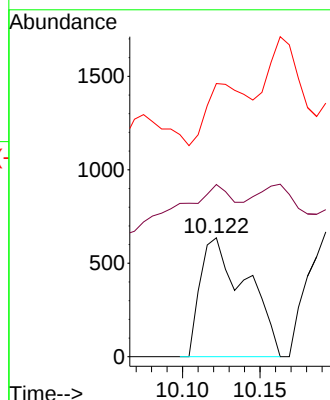
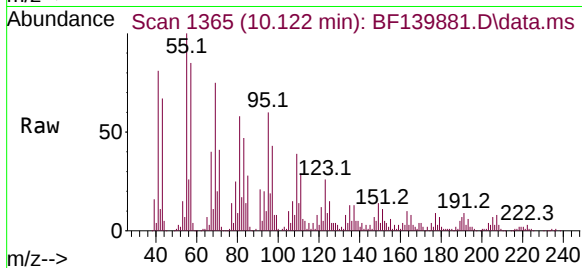
Tgt Ion:184 Resp: 1317

Ion Ratio Lower Upper

184 100

63 144.8 84.7 127.1#

154 229.7 338.2 507.2#



#63

Azobenzene

Concen: 2.108 ng

RT: 10.639 min Scan# 1453

Delta R.T. 0.012 min

Lab File: BF139881.D

Acq: 19 Oct 2024 19:42

Tgt Ion: 77 Resp: 47439

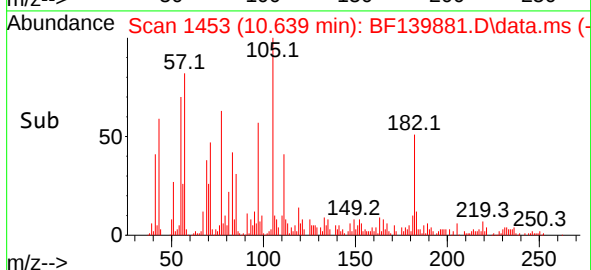
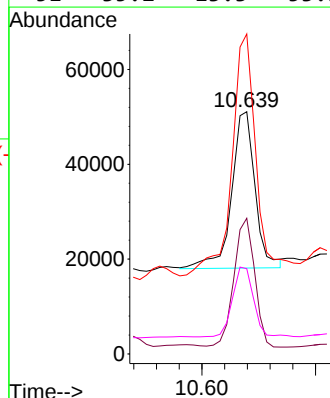
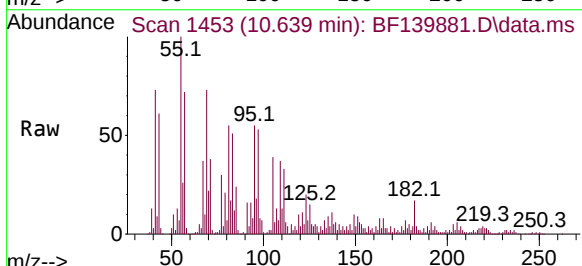
Ion Ratio Lower Upper

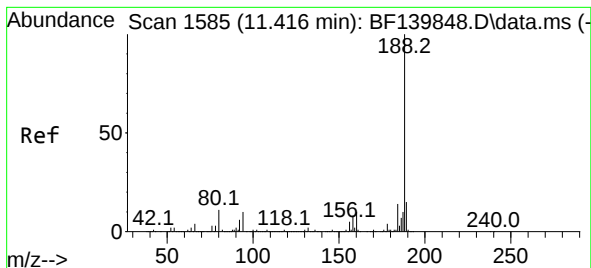
77 100

182 56.0 3.3 43.3#

105 132.1 1.2 41.2#

51 35.2 13.3 53.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139881.D

Acq: 19 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

PAD-15

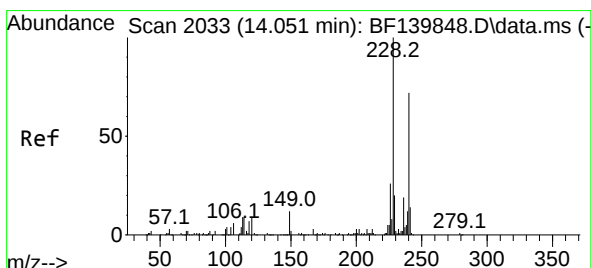
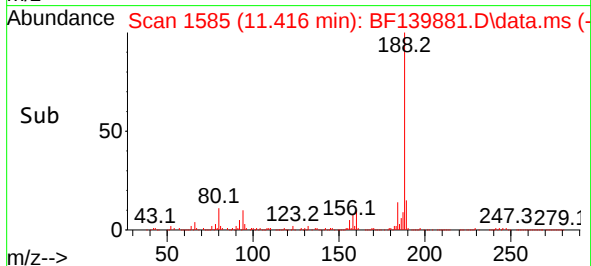
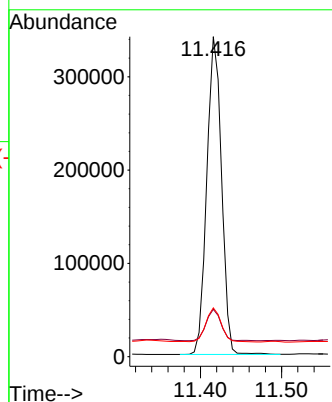
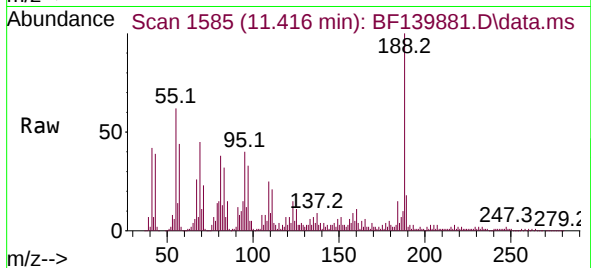
Tgt Ion:188 Resp: 428172

Ion Ratio Lower Upper

188 100

94 14.8 7.9 11.9#

80 15.3 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: BF139881.D

Acq: 19 Oct 2024 19:42

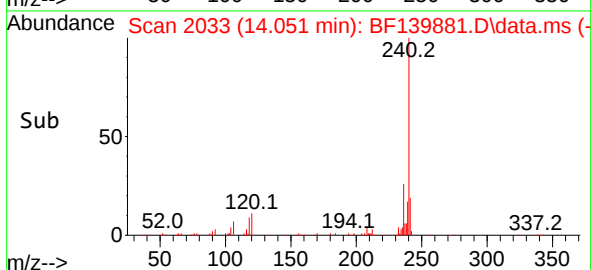
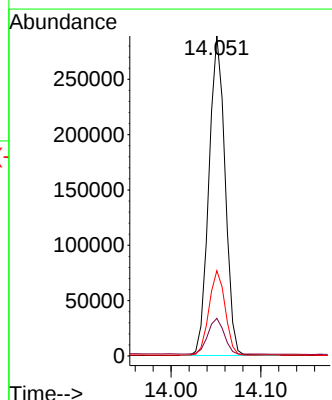
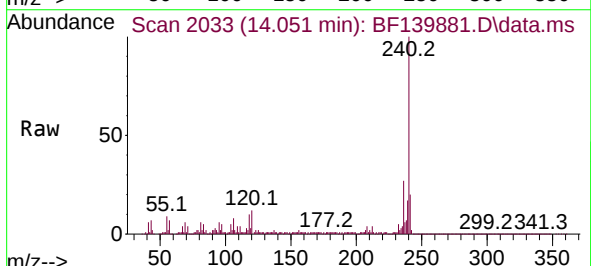
Tgt Ion:240 Resp: 361459

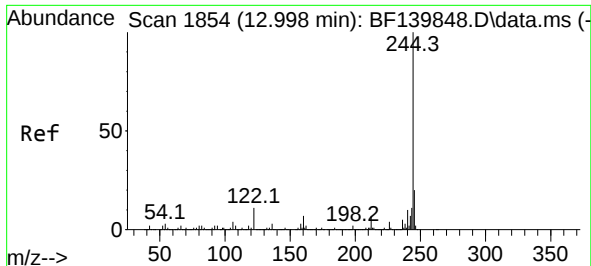
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 26.6 20.9 31.3

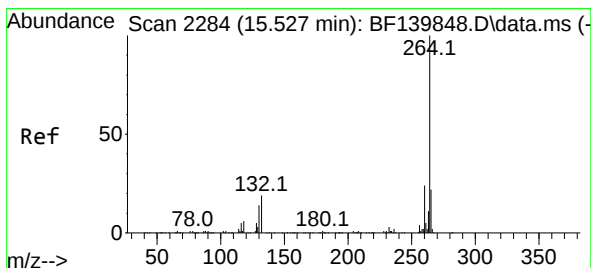
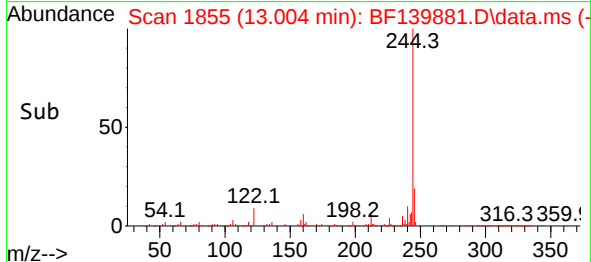
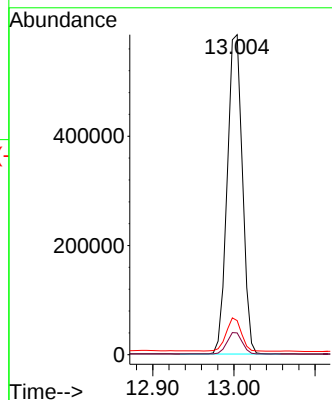
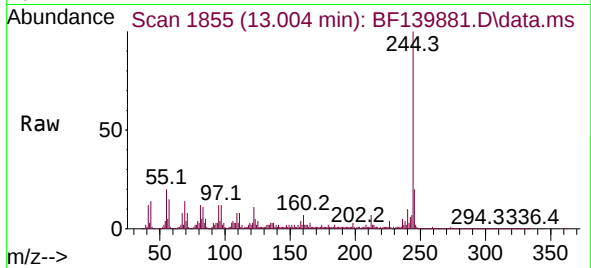




#79
 Terphenyl-d14
 Concen: 34.333 ng
 RT: 13.004 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF139881.D
 Acq: 19 Oct 2024 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PAD-15

Tgt Ion:244 Resp: 761581
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.7 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: BF139881.D
 Acq: 19 Oct 2024 19:42

Tgt Ion:264 Resp: 381877
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.8 17.4 26.0

