

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139880.D
 Acq On : 19 Oct 2024 19:14
 Operator : RC/JU
 Sample : P4426-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-8

Quant Time: Oct 21 01:43:15 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)

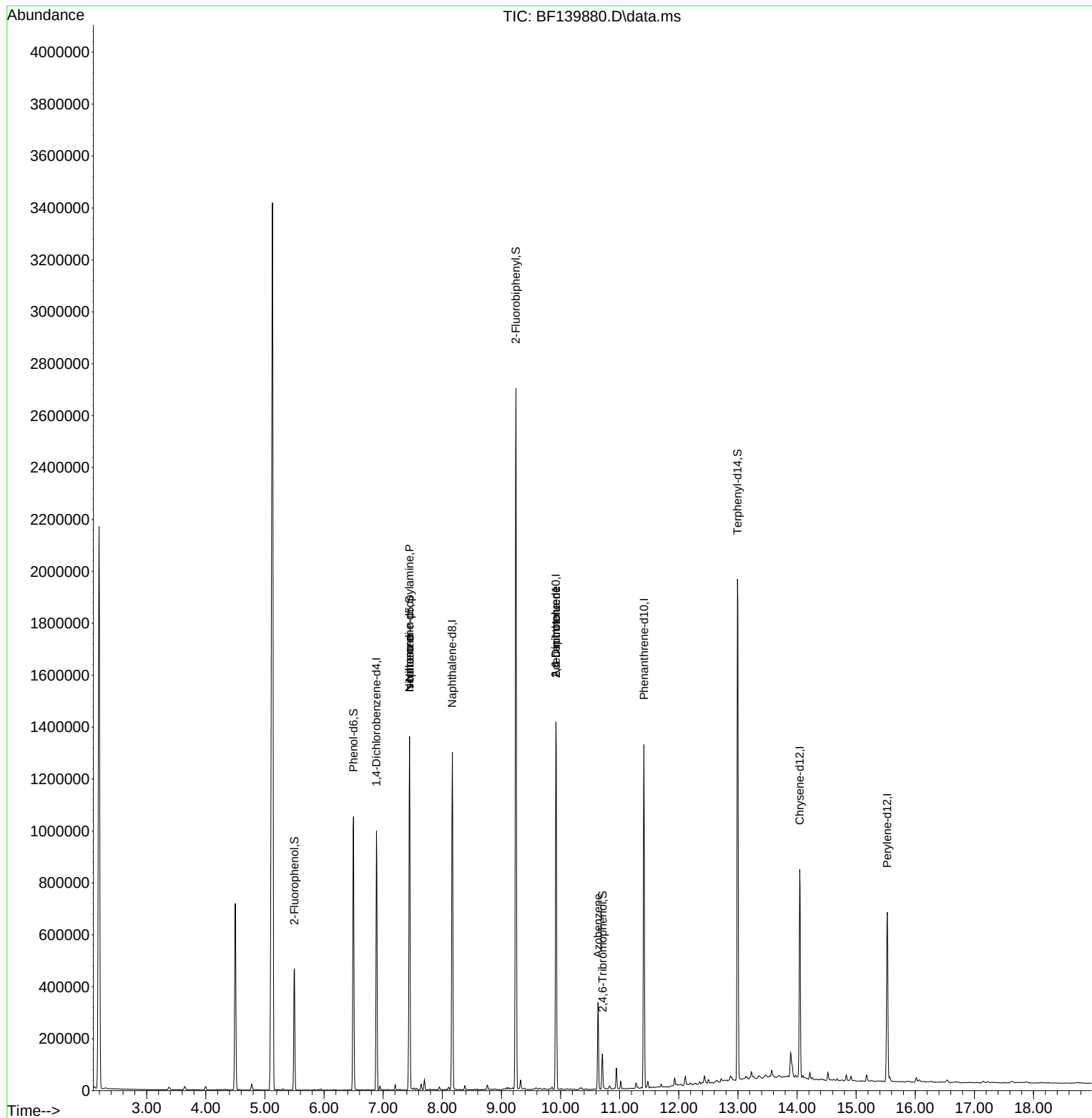
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	200447	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	768121	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	421896	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	668798	20.000	ng	0.00
76) Chrysene-d12	14.045	240	364704	20.000	ng	0.00
86) Perylene-d12	15.527	264	378848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	166343	12.991	ng	0.00
7) Phenol-d6	6.498	99	467944	28.218	ng	-0.01
23) Nitrobenzene-d5	7.445	82	569905	41.121	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	20956	5.310	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1168960	45.792	ng	0.00
79) Terphenyl-d14	12.992	244	953425	42.599	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	76368	7.593	ng	# 79
25) Isophorone	7.445	82	569109	21.635	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	53854	9.465	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	53854	7.697	ng	# 21
63) Azobenzene	10.633	77	82640	3.021	ng	# 1

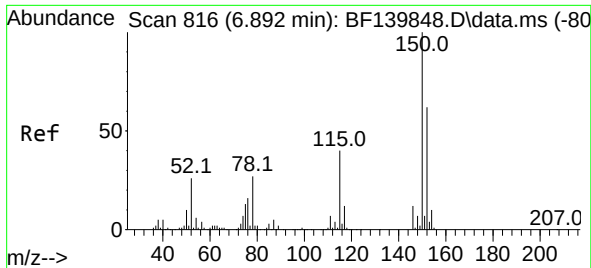
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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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

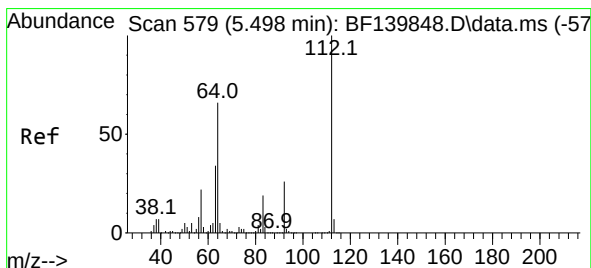
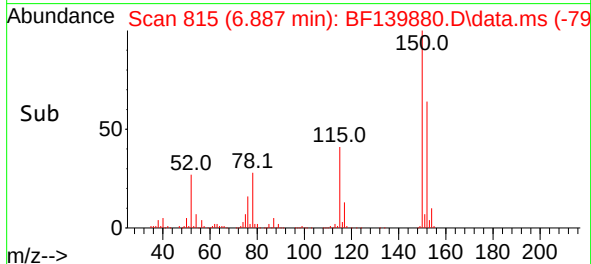
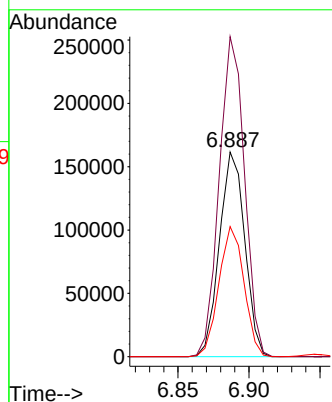
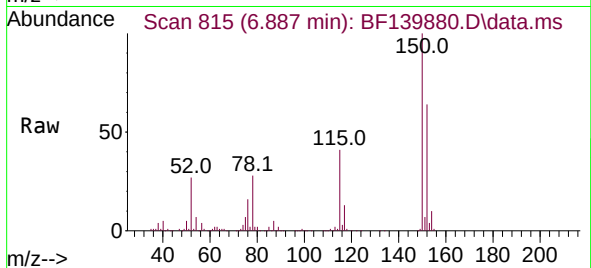




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

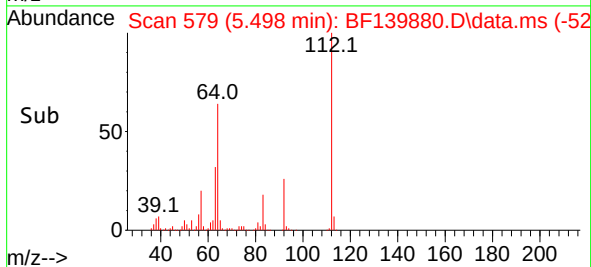
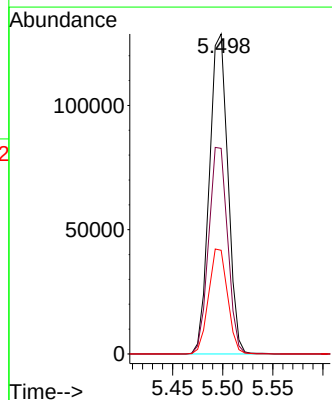
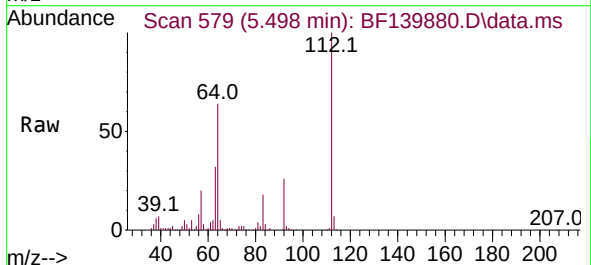
Instrument :
BNA_F
ClientSampleId :
PAD-8

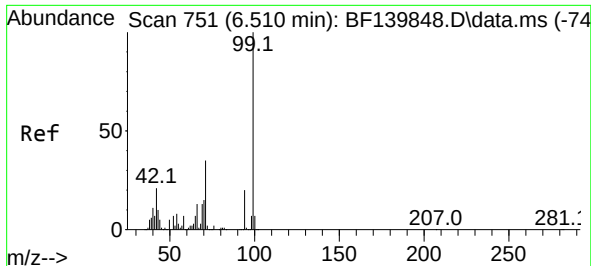
Tgt Ion:152 Resp: 200447
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 63.5 51.4 77.2



#5
2-Fluorophenol
Concen: 12.991 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

Tgt Ion:112 Resp: 166343
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 32.4 27.0 40.4

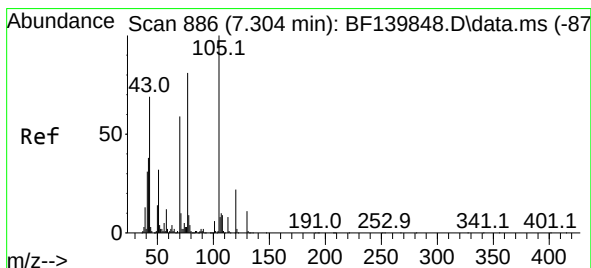
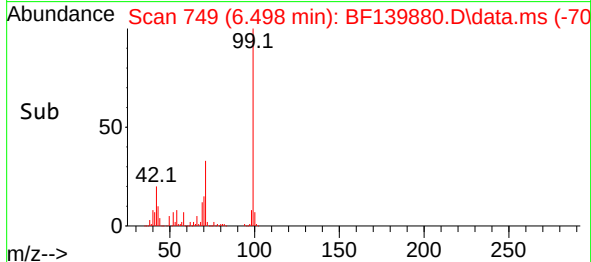
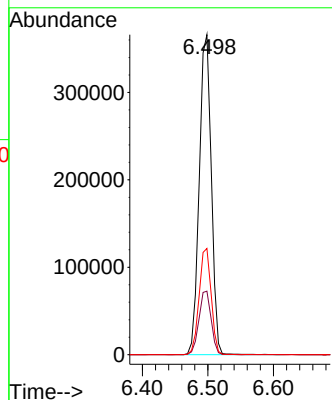
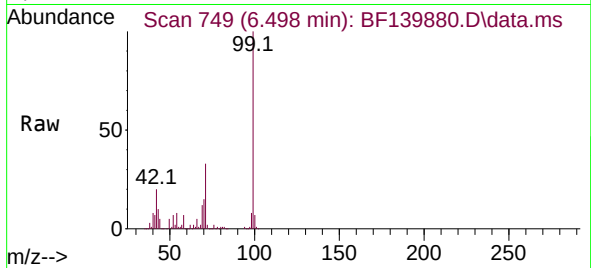




#7
Phenol-d6
Concen: 28.218 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

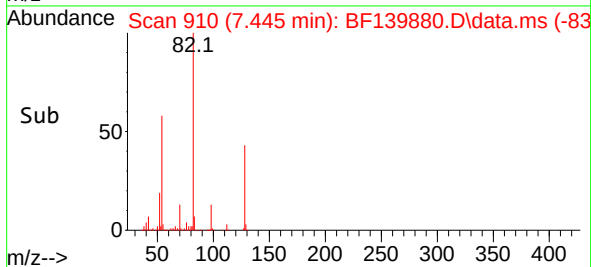
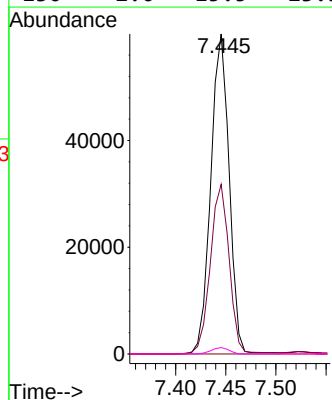
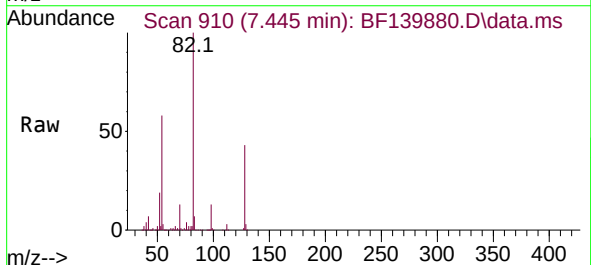
Instrument :
BNA_F
ClientSampleId :
PAD-8

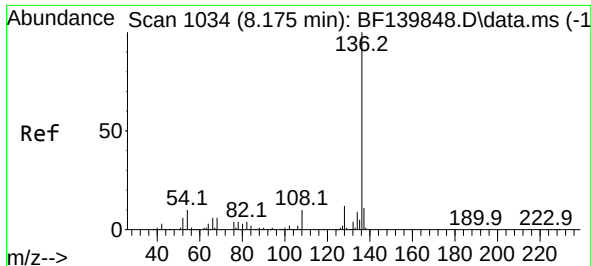
Tgt Ion: 99 Resp: 467944
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 33.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.593 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

Tgt Ion: 70 Resp: 76368
Ion Ratio Lower Upper
70 100
42 53.0 51.5 77.3
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

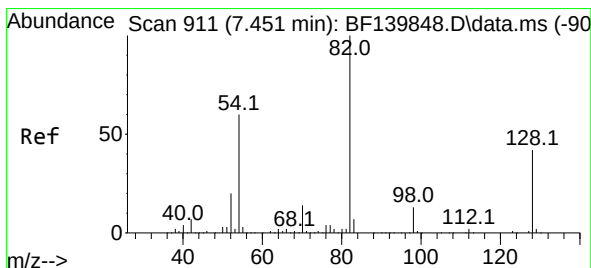
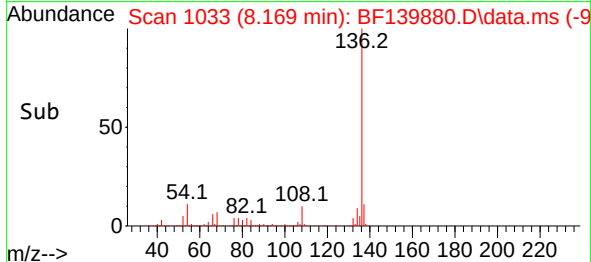
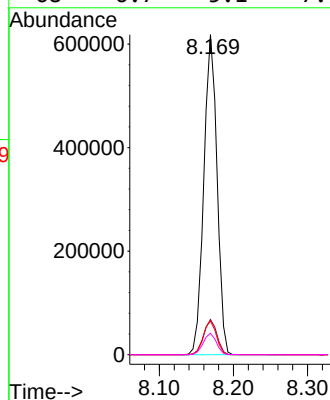
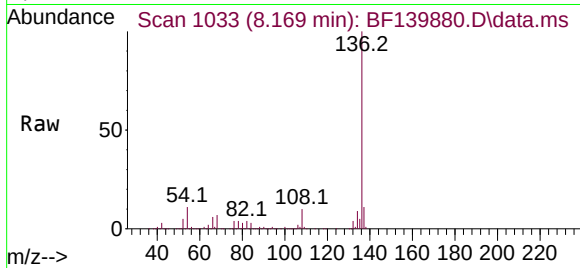




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

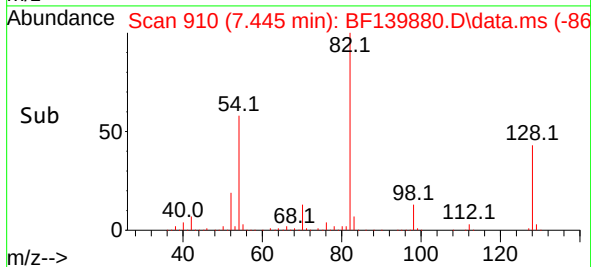
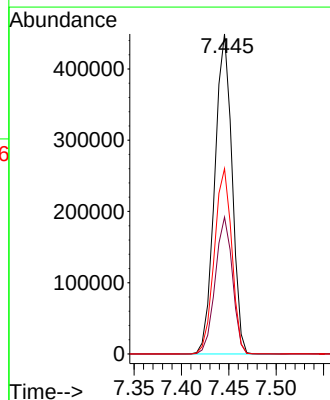
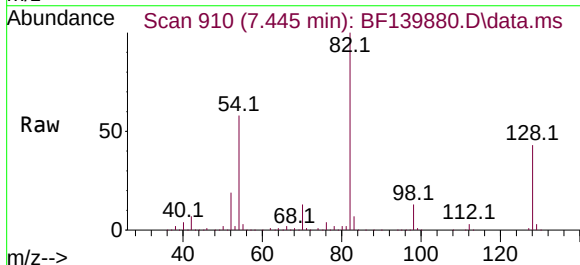
Instrument :
BNA_F
ClientSampleId :
PAD-8

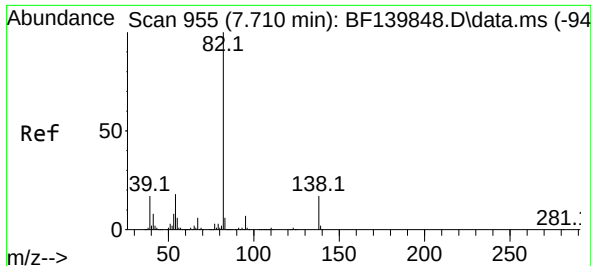
Tgt Ion:	136	Resp:	768121
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.6	8.4	12.6
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 41.121 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

Tgt Ion:	82	Resp:	569905
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	57.9	47.8	71.8

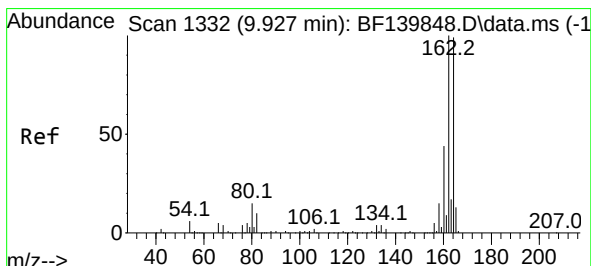
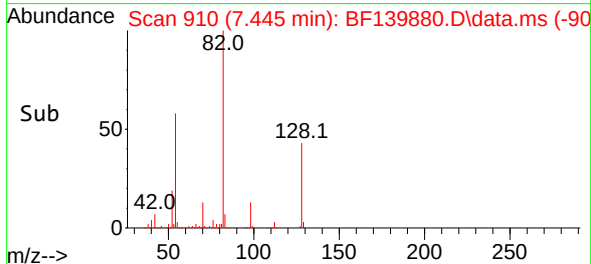
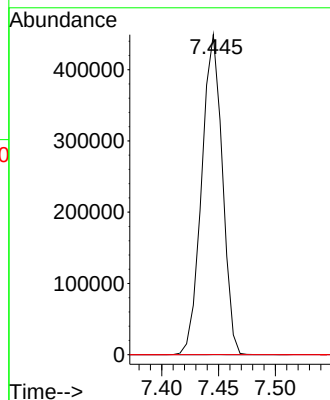
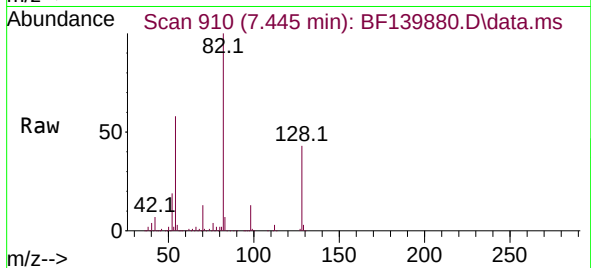




#25
Isophorone
Concen: 21.635 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

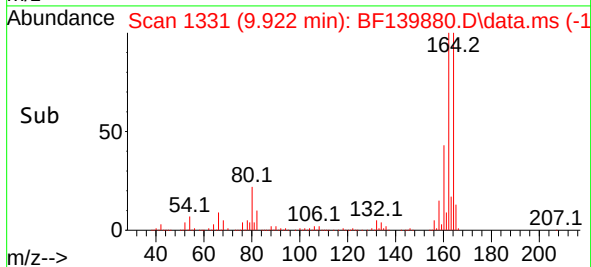
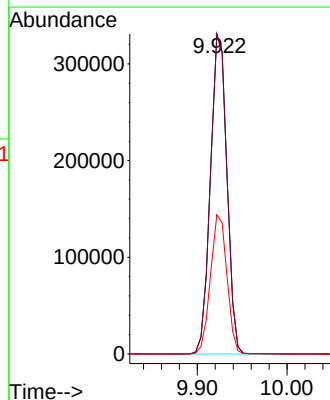
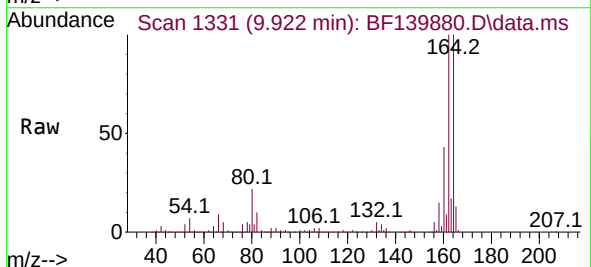
Instrument :
BNA_F
ClientSampleId :
PAD-8

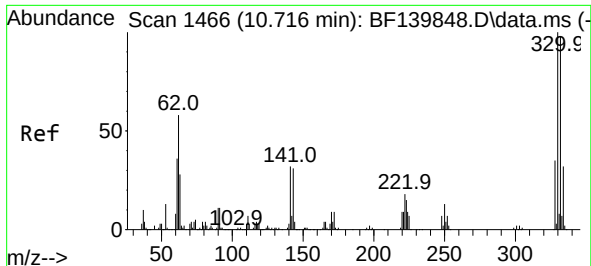
Tgt Ion: 82 Resp: 569109
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

Tgt Ion:164 Resp: 421896
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 43.5 35.4 53.0

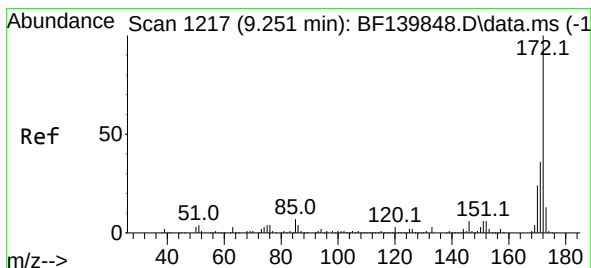
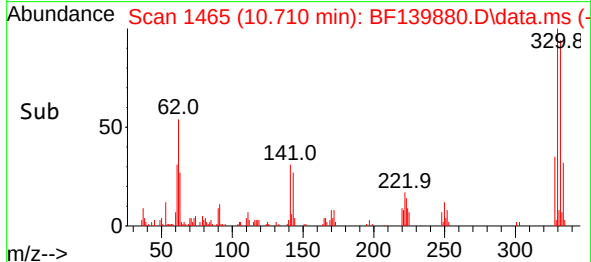
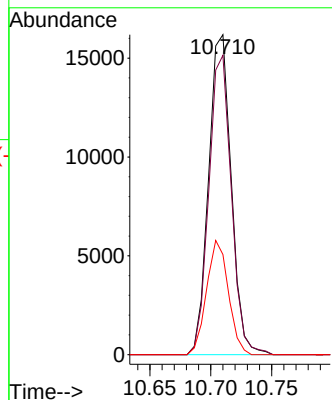
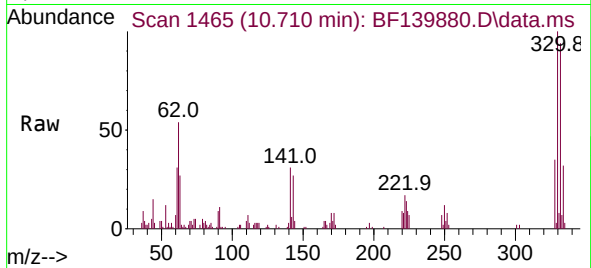




#42
 2,4,6-Tribromophenol
 Concen: 5.310 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF139880.D
 Acq: 19 Oct 2024 19:14

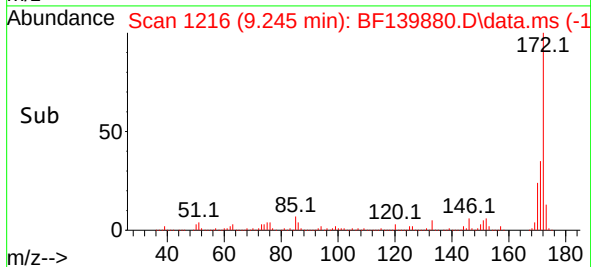
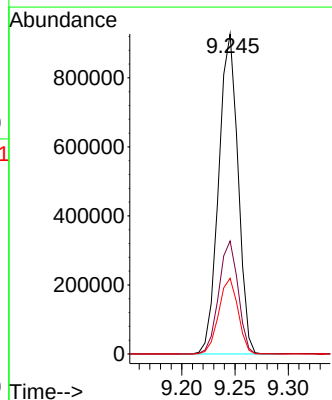
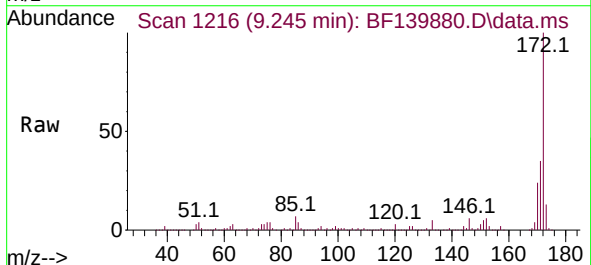
Instrument :
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 ClientSampleId :
 PAD-8

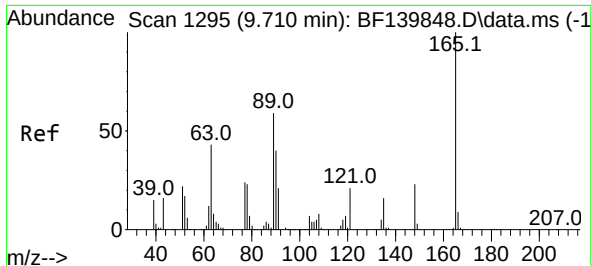
Tgt Ion: 330 Resp: 20956
 Ion Ratio Lower Upper
 330 100
 332 93.1 78.1 117.1
 141 34.4 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 45.792 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139880.D
 Acq: 19 Oct 2024 19:14

Tgt Ion: 172 Resp: 1168960
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.7 19.1 28.7

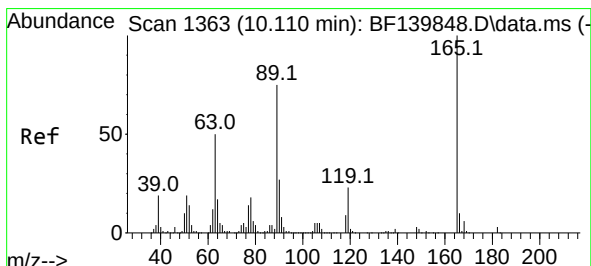
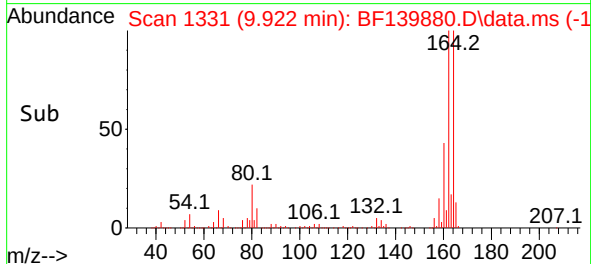
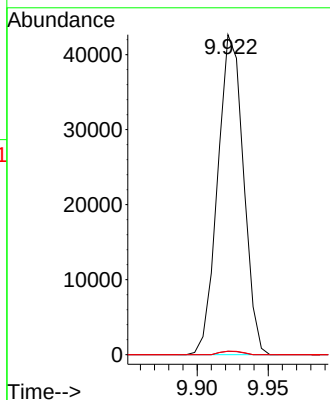
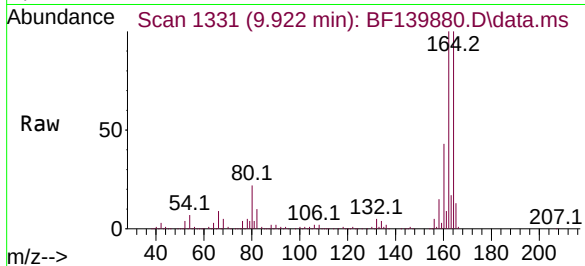




#51
2,6-Dinitrotoluene
Concen: 9.465 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

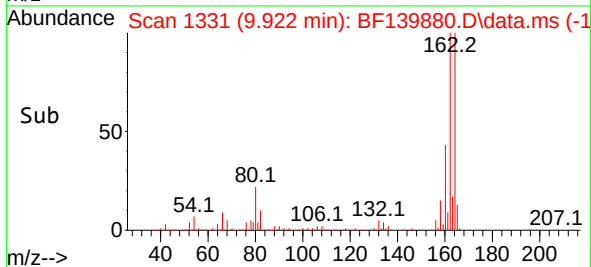
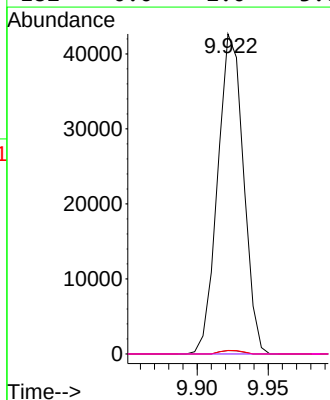
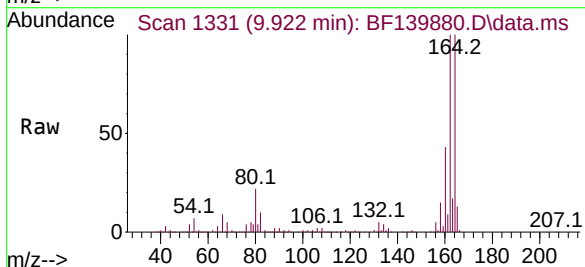
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ClientSampleId :
PAD-8

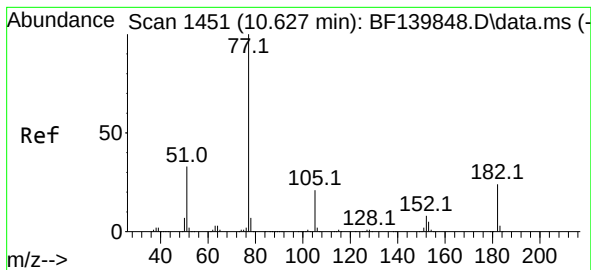
Tgt Ion:165 Resp: 53854
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.697 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

Tgt Ion:165 Resp: 53854
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 3.021 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139880.D

Acq: 19 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

PAD-8

Tgt Ion: 77 Resp: 82640

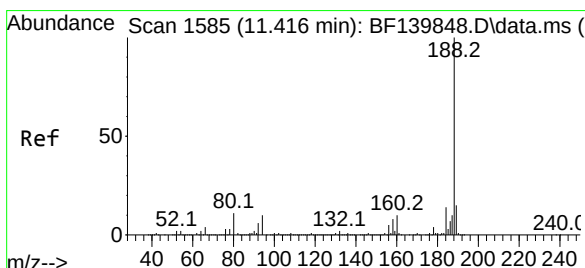
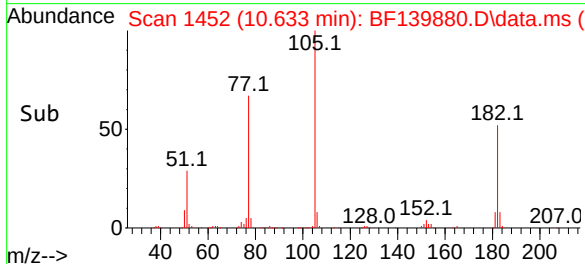
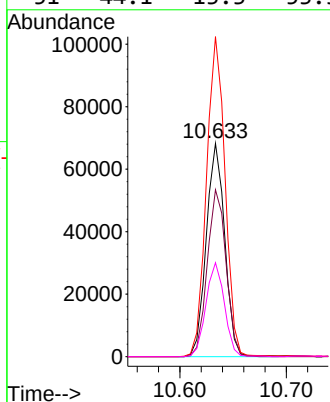
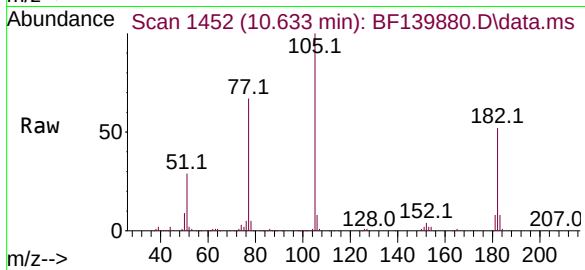
Ion Ratio Lower Upper

77 100

182 78.2 3.3 43.3#

105 150.0 1.2 41.2#

51 44.1 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139880.D

Acq: 19 Oct 2024 19:14

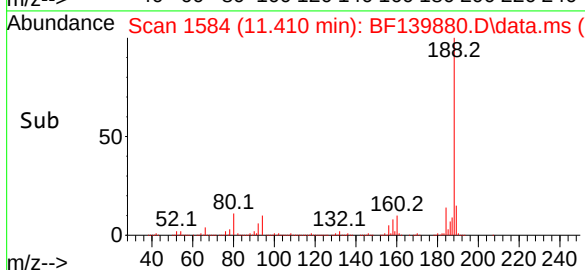
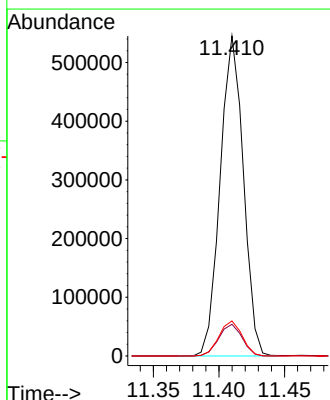
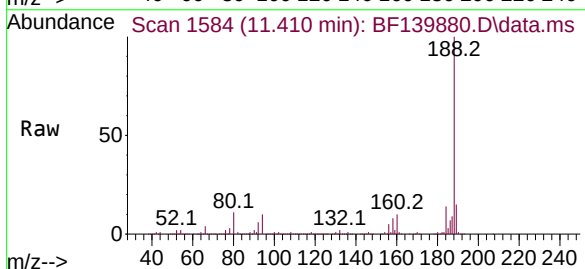
Tgt Ion: 188 Resp: 668798

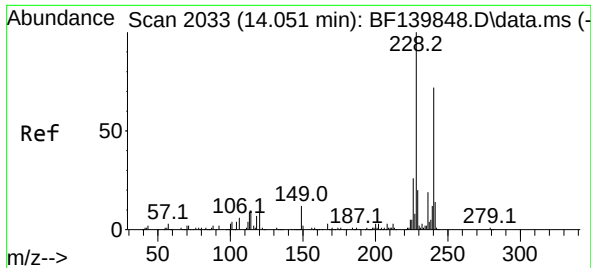
Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 11.0 9.0 13.4

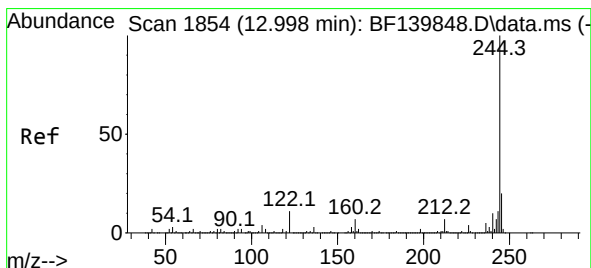
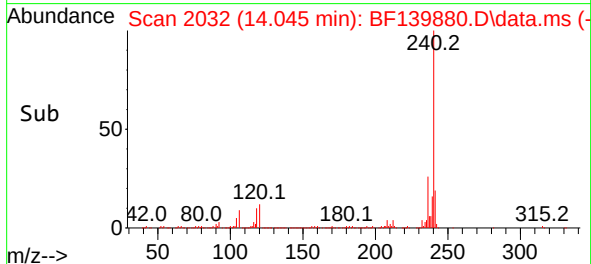
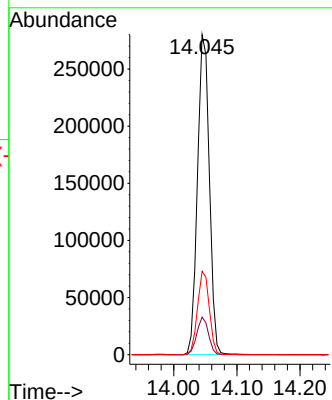
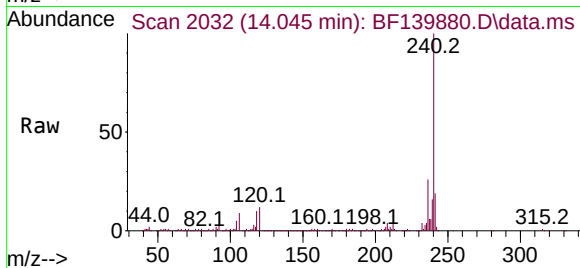




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

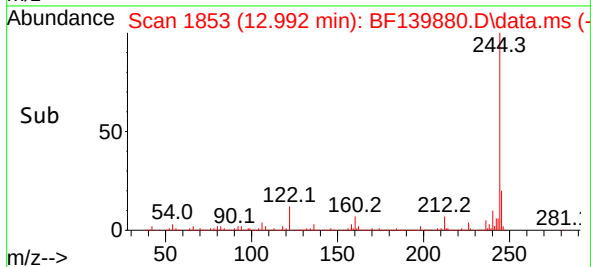
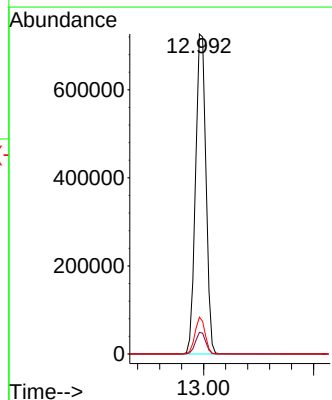
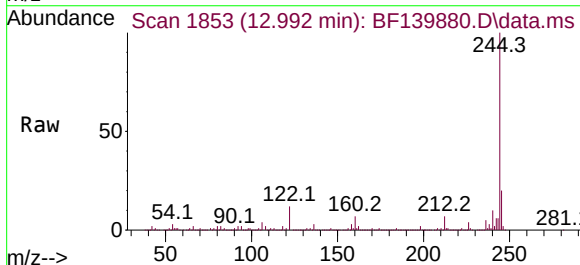
Instrument :
BNA_F
ClientSampleId :
PAD-8

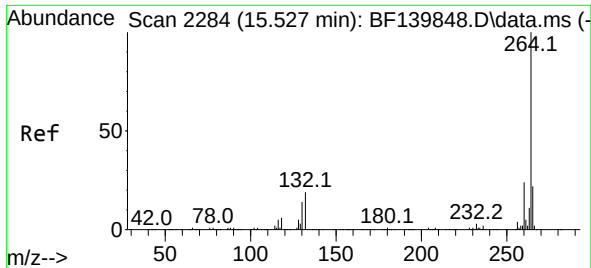
Tgt Ion:240 Resp: 364704
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 42.599 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139880.D
Acq: 19 Oct 2024 19:14

Tgt Ion:244 Resp: 953425
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# 21
 Delta R.T. 0.000 min
 Lab File: BF139880.D
 Acq: 19 Oct 2024 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PAD-8

Tgt Ion:264 Resp: 378848
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.7 17.4 26.0

