

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138653.D
 Acq On : 25 Jul 2024 15:18
 Operator : RC/JU
 Sample : P3353-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-PADS

Quant Time: Jul 25 15:40:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

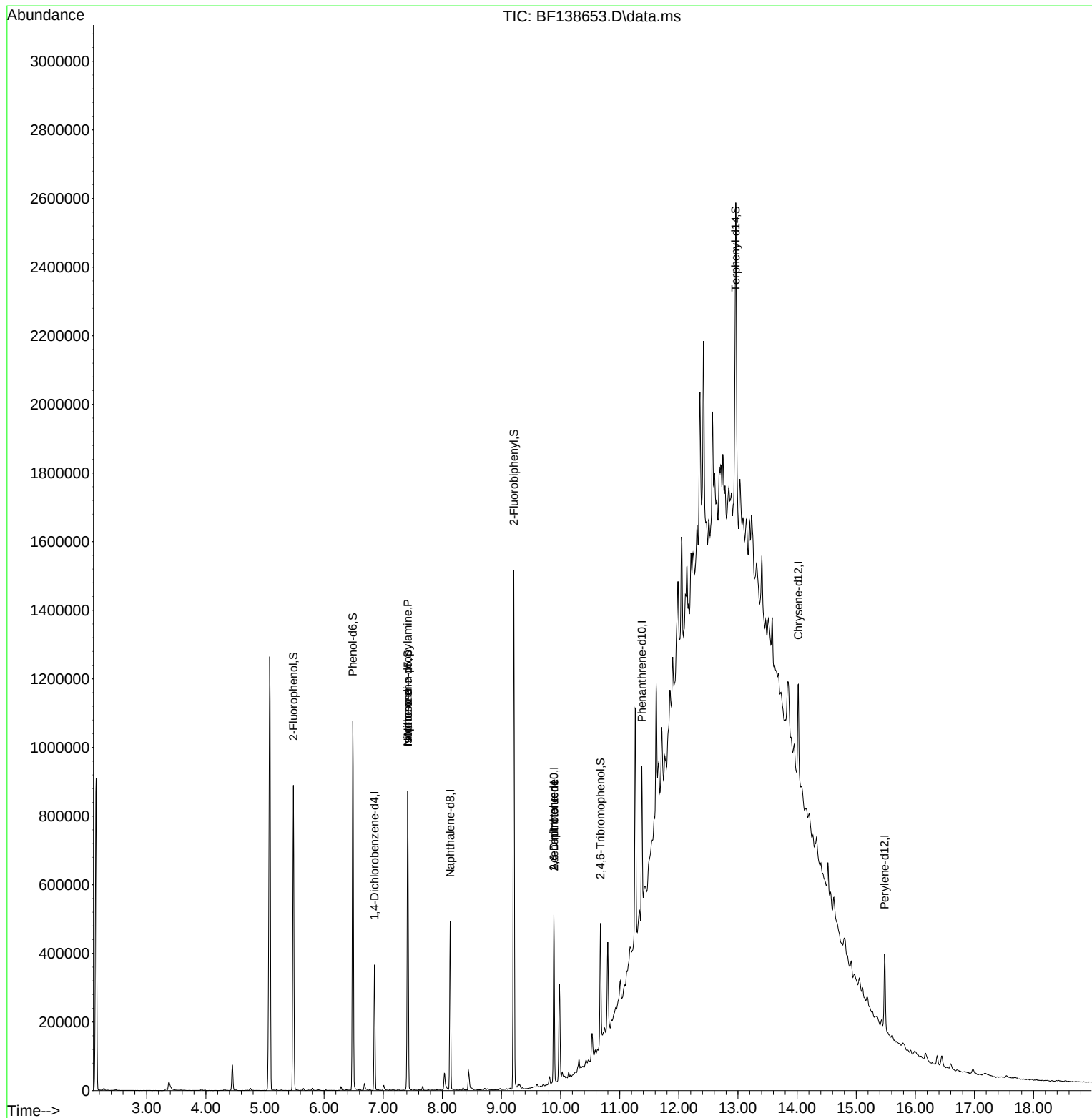
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	69109	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	282271	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	142182	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	182514	20.000	ng	-0.01
76) Chrysene-d12	14.021	240	117683	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	122355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	290778	66.637	ng	-0.01
7) Phenol-d6	6.487	99	467826	80.592	ng	-0.02
23) Nitrobenzene-d5	7.416	82	372468	64.786	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	57418	43.209	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	637768	70.105	ng	-0.02
79) Terphenyl-d14	12.963	244	397343	55.005	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	50079	13.962	ng	# 73
25) Isophorone	7.416	82	372466	37.725	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	18815	8.888	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	18812	6.868	ng	# 19

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

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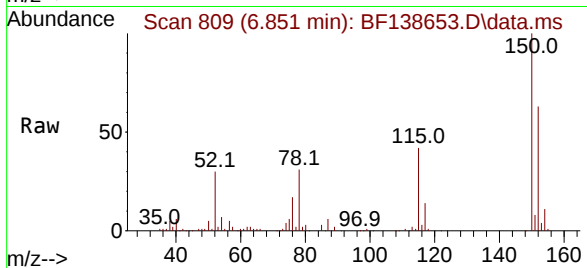
Quant Time: Jul 25 15:40:52 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration



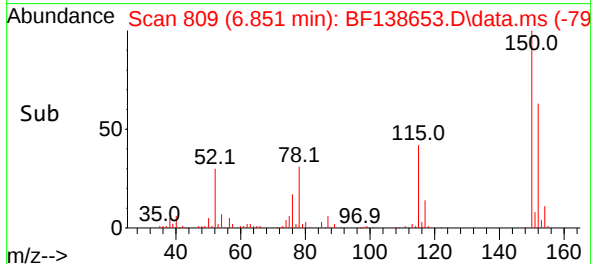
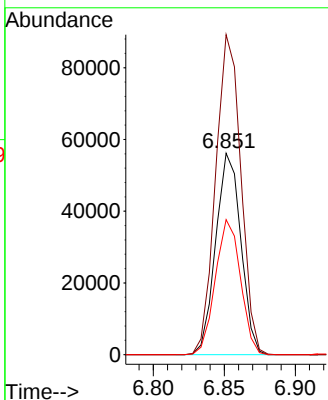


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

Instrument :
BNA_F
ClientSampleId :
CLEAN-PADS

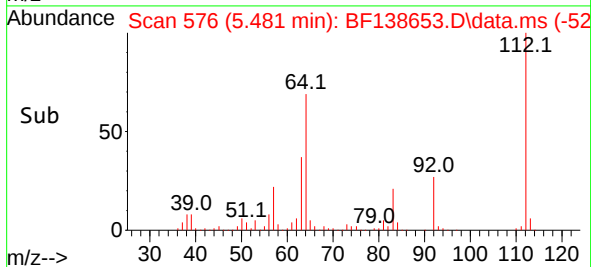
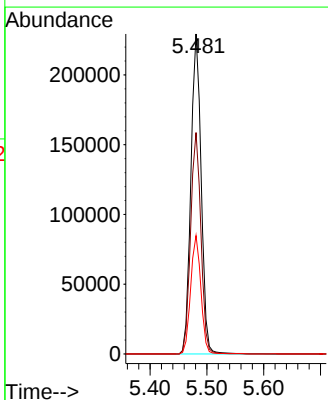
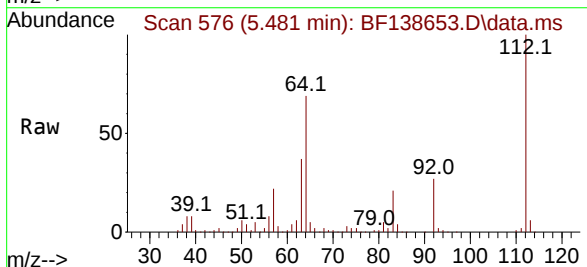


Tgt Ion:152 Resp: 69109
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.4
115 67.0 50.3 75.5



#5
2-Fluorophenol
Concen: 66.637 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

Tgt Ion:112 Resp: 290778
Ion Ratio Lower Upper
112 100
64 69.2 55.1 82.7
63 37.0 29.0 43.6

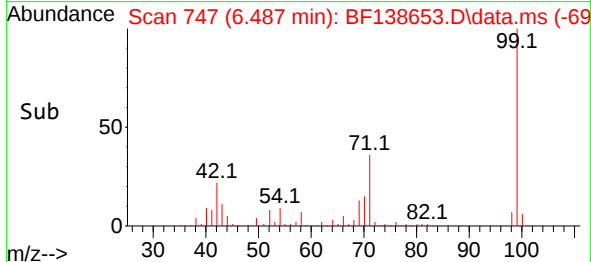
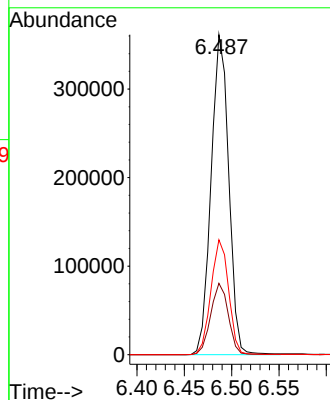
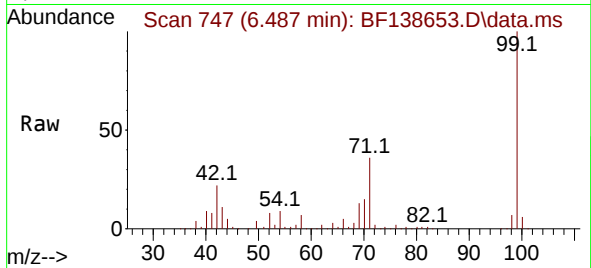




#7
Phenol-d6
Concen: 80.592 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

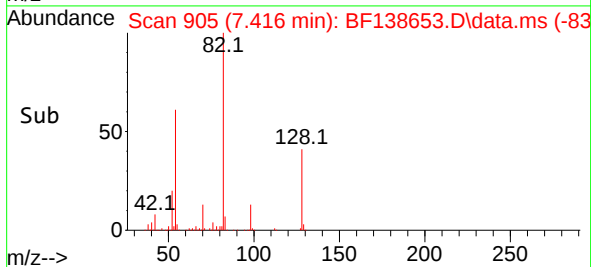
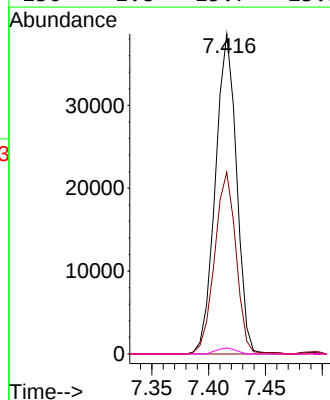
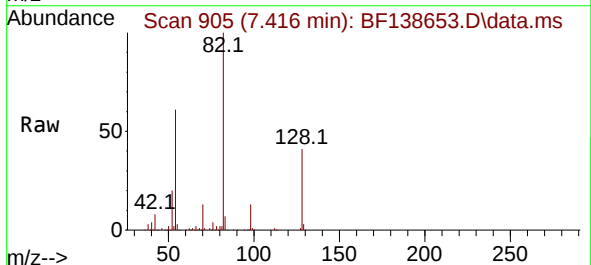
Instrument :
BNA_F
ClientSampleId :
CLEAN-PADS

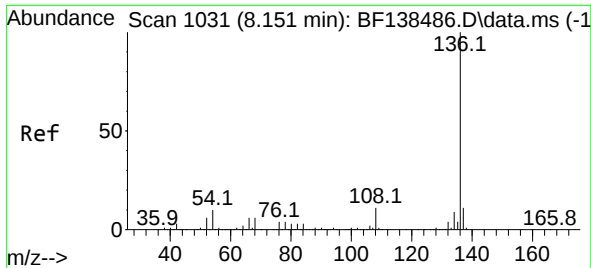
Tgt Ion: 99 Resp: 467826
Ion Ratio Lower Upper
99 100
42 22.3 19.7 29.5
71 35.9 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.962 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

Tgt Ion: 70 Resp: 50079
Ion Ratio Lower Upper
70 100
42 56.8 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#

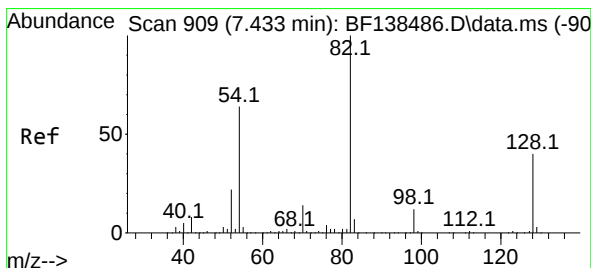
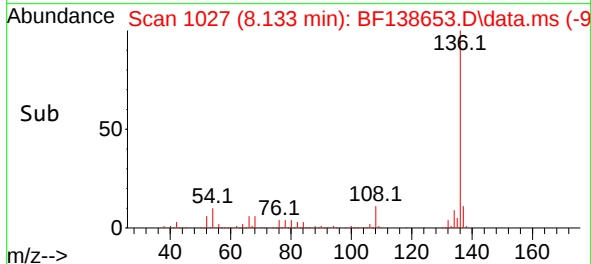
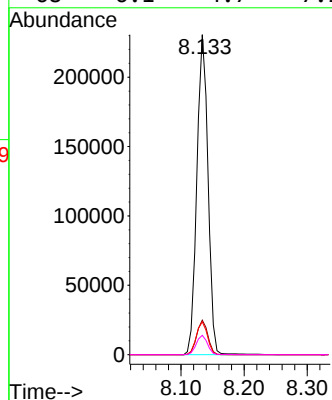
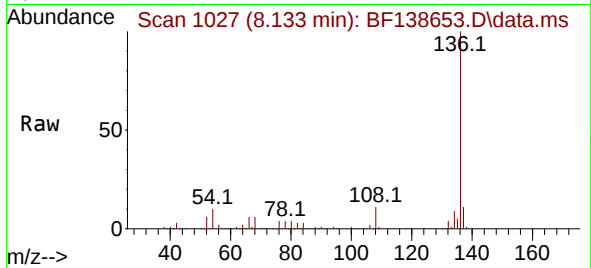




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

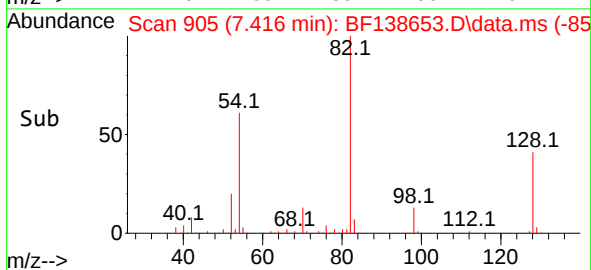
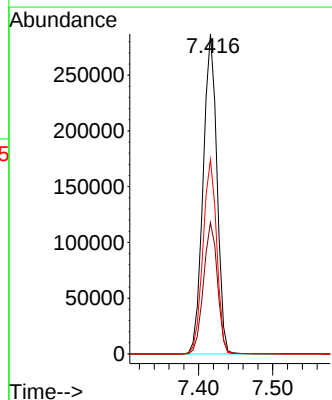
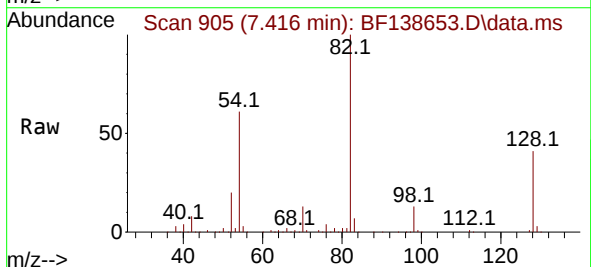
Instrument :
BNA_F
ClientSampleId :
CLEAN-PADS

Tgt Ion:136 Resp: 282271
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.3 8.1 12.1
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 64.786 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

Tgt Ion: 82 Resp: 372468
Ion Ratio Lower Upper
82 100
128 41.1 32.3 48.5
54 60.7 51.4 77.0

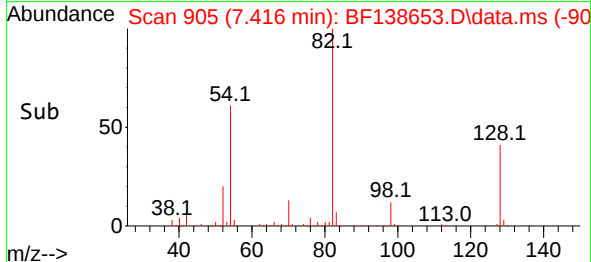
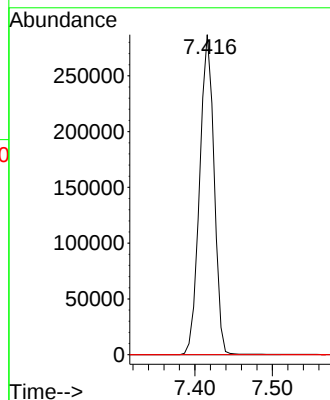
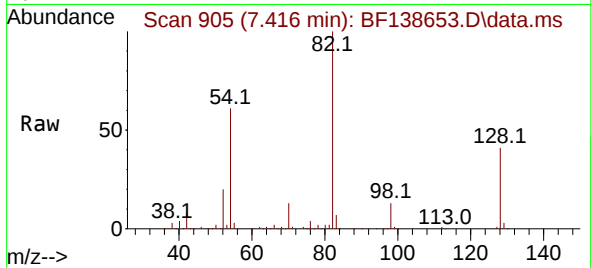




#25
Isophorone
Concen: 37.725 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.271 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

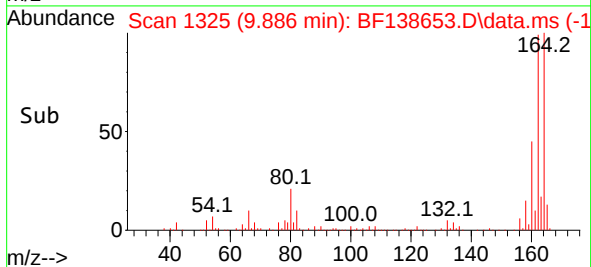
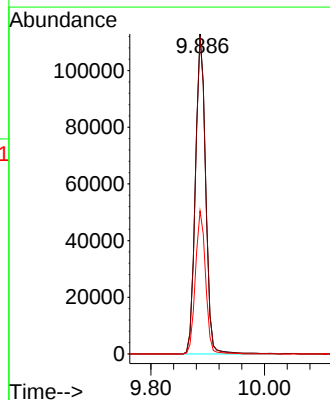
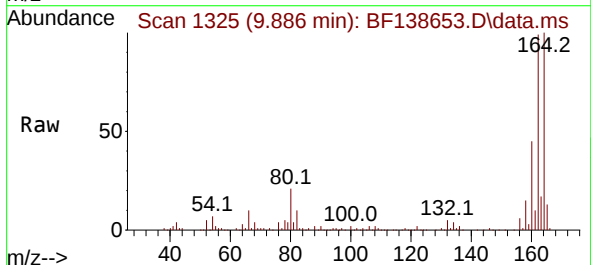
Instrument :
BNA_F
ClientSampleId :
CLEAN-PADS

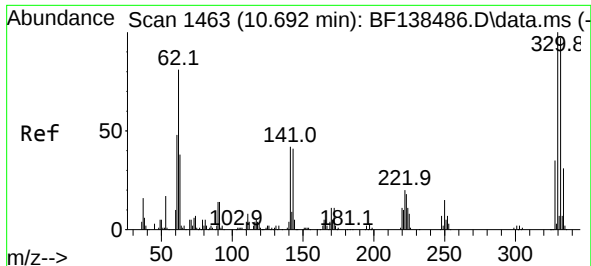
Tgt Ion: 82 Resp: 372466
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

Tgt Ion:164 Resp: 142182
Ion Ratio Lower Upper
164 100
162 99.3 79.0 118.6
160 44.7 34.4 51.6





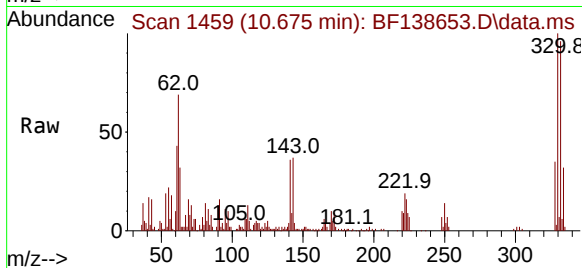
#42
2,4,6-Tribromophenol
Concen: 43.209 ng
RT: 10.675 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

Instrument :

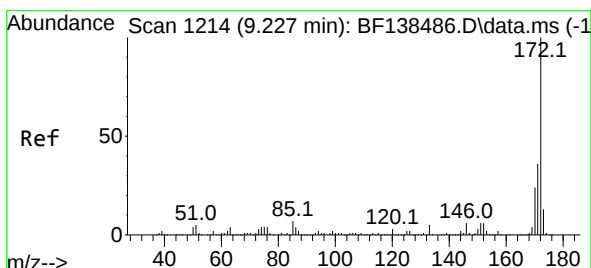
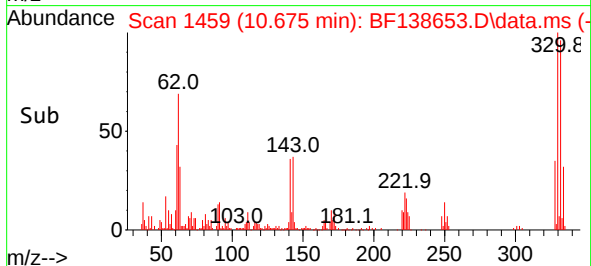
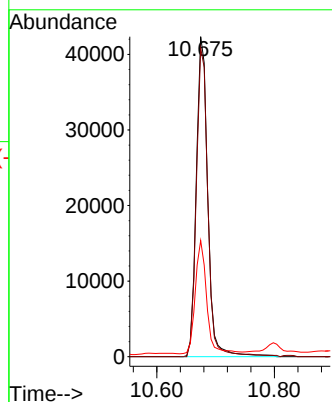
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ClientSampleId :

CLEAN-PADS

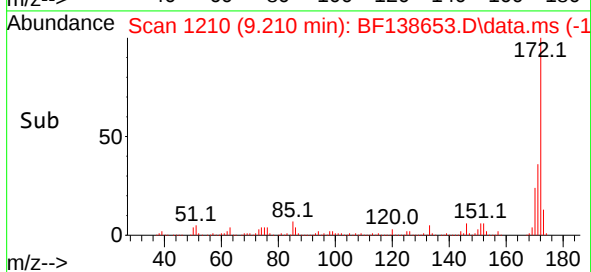
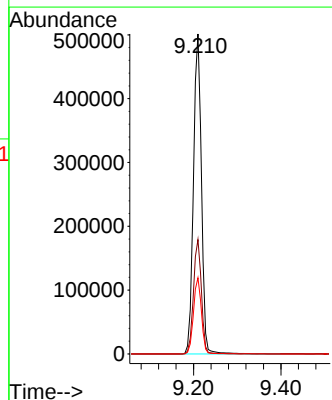
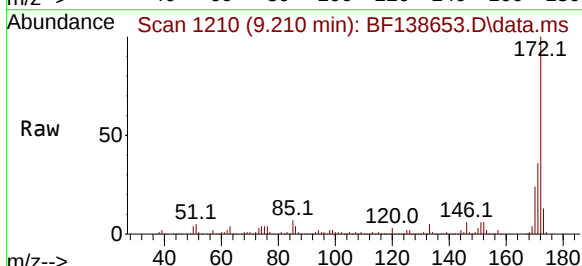


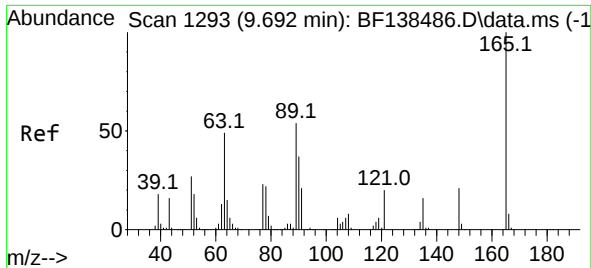
Tgt Ion:330 Resp: 57418
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 35.2 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 70.105 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138653.D
Acq: 25 Jul 2024 15:18

Tgt Ion:172 Resp: 637768
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.8 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.888 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF138653.D

Acq: 25 Jul 2024 15:18

Instrument :

BNA_F

ClientSampleId :

CLEAN-PADS

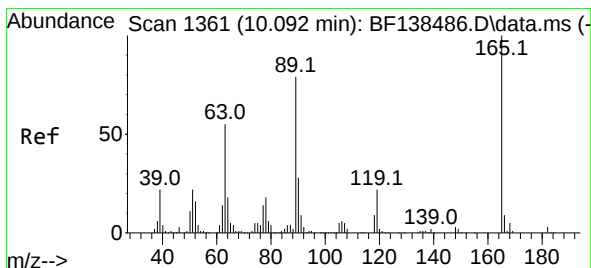
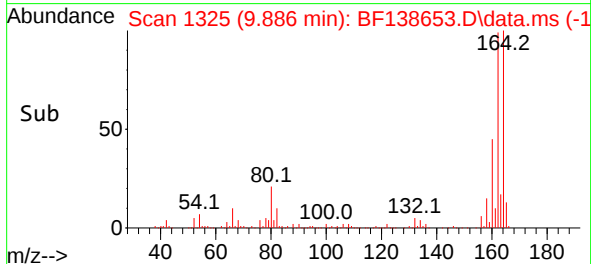
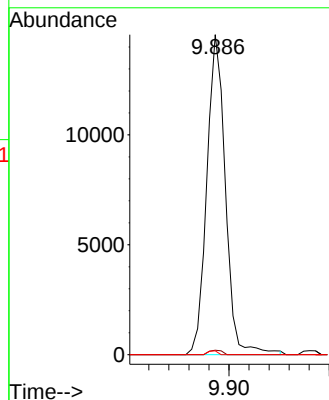
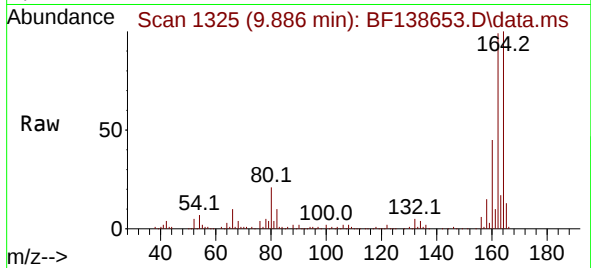
Tgt Ion:165 Resp: 18815

Ion Ratio Lower Upper

165 100

63 1.4 48.1 72.1#

89 1.2 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.868 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF138653.D

Acq: 25 Jul 2024 15:18

Tgt Ion:165 Resp: 18812

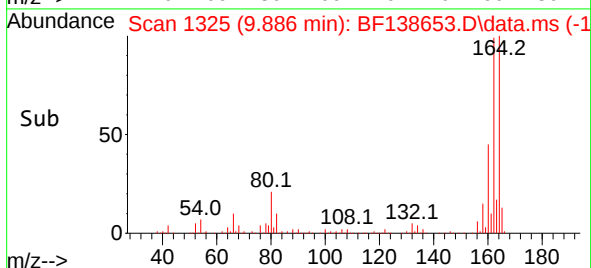
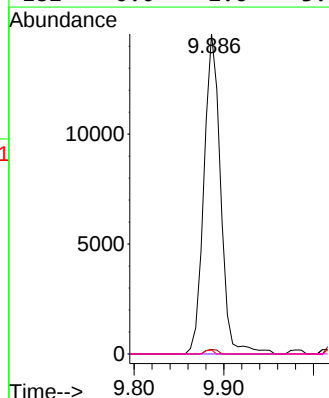
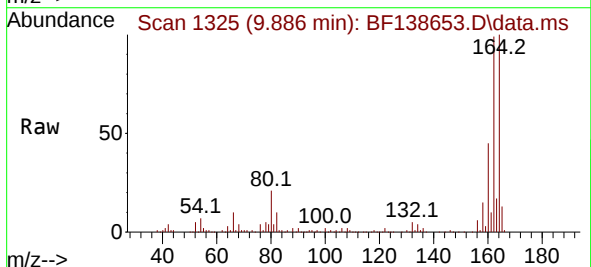
Ion Ratio Lower Upper

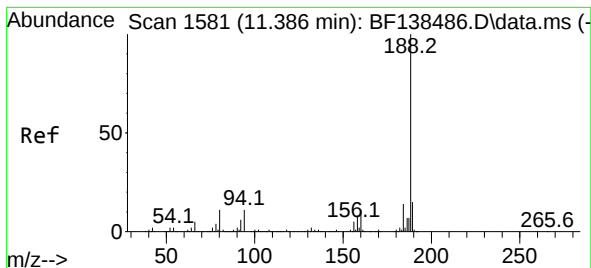
165 100

63 1.4 44.6 66.8#

89 1.2 63.4 95.2#

182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138653.D

Acq: 25 Jul 2024 15:18

Instrument :

BNA_F

ClientSampleId :

CLEAN-PADS

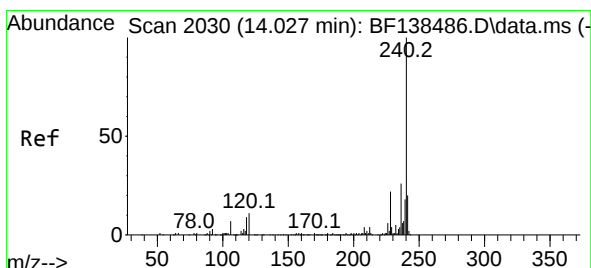
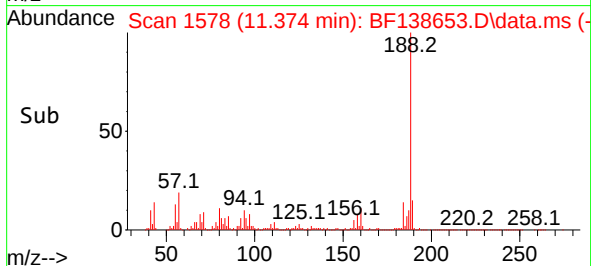
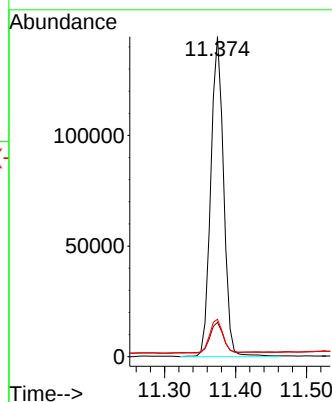
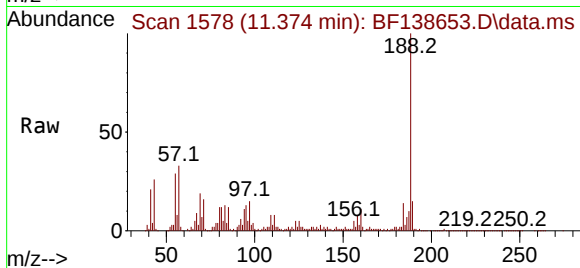
Tgt Ion:188 Resp: 182514

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

80 11.7 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138653.D

Acq: 25 Jul 2024 15:18

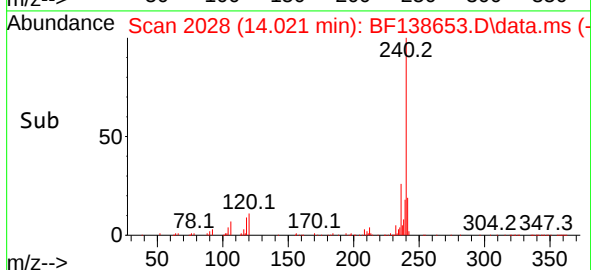
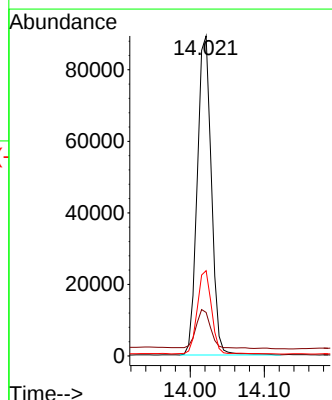
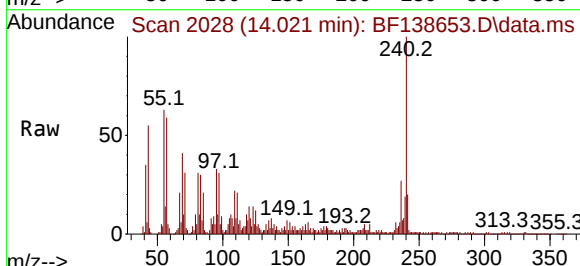
Tgt Ion:240 Resp: 117683

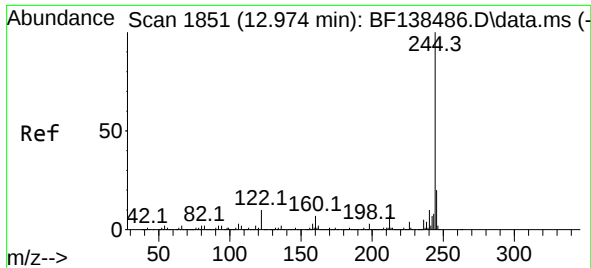
Ion Ratio Lower Upper

240 100

120 13.6 8.6 12.8#

236 26.7 21.0 31.6

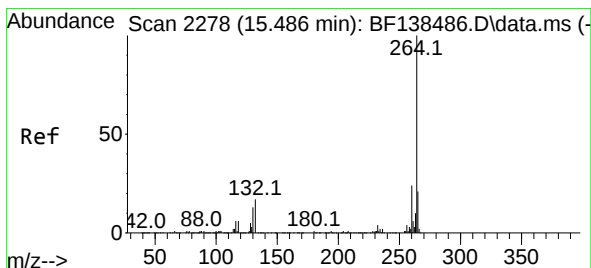
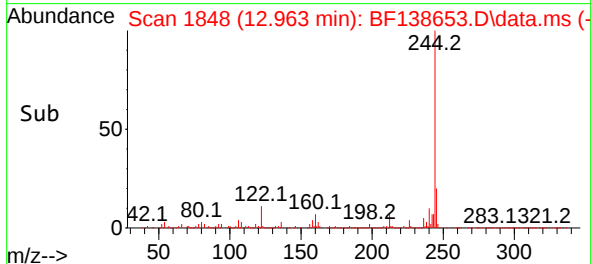
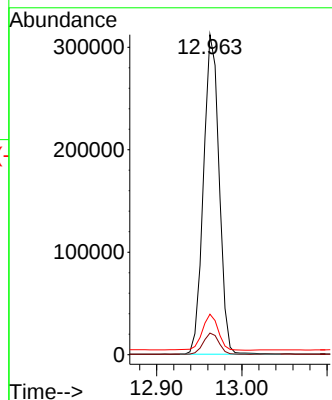
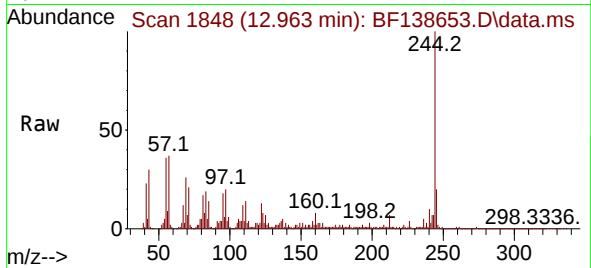




#79
 Terphenyl-d14
 Concen: 55.005 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138653.D
 Acq: 25 Jul 2024 15:18

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-PADS

Tgt Ion:244 Resp: 397343
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 12.7 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF138653.D
 Acq: 25 Jul 2024 15:18

Tgt Ion:264 Resp: 122355
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.9 17.0 25.4

