

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140477.D
 Acq On : 19 Nov 2024 16:51
 Operator : RC/JU
 Sample : P4870-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 19 17:40:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

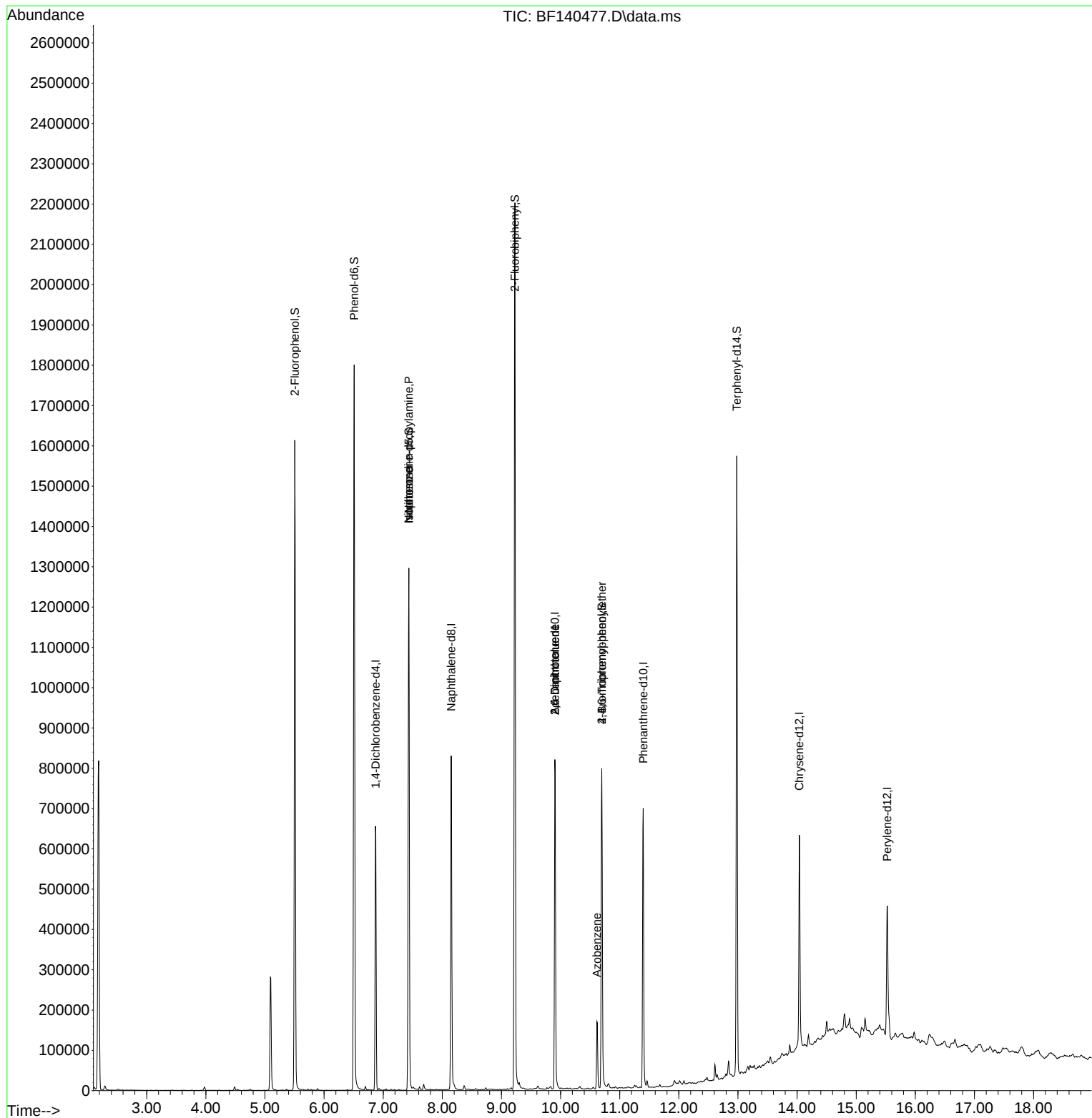
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	142342	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	529334	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	260928	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	384950	20.000	ng	0.00
76) Chrysene-d12	14.039	240	246325	20.000	ng	-0.01
86) Perylene-d12	15.527	264	198529	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	602831	72.309	ng	0.01
7) Phenol-d6	6.510	99	872571	77.252	ng	0.00
23) Nitrobenzene-d5	7.434	82	605867	59.636	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	139779	53.870	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1022480	62.994	ng	0.00
79) Terphenyl-d14	12.980	244	741167	52.228	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	80025	11.731	ng	# 77
25) Isophorone	7.434	82	596831	33.147	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	31955	8.242	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	31956	6.262	ng	# 20
63) Azobenzene	10.616	77	46826	2.725	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8655	2.249	ng	# 1

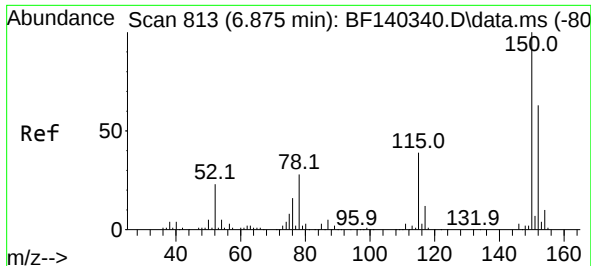
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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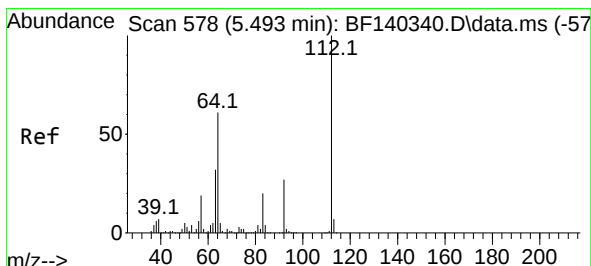
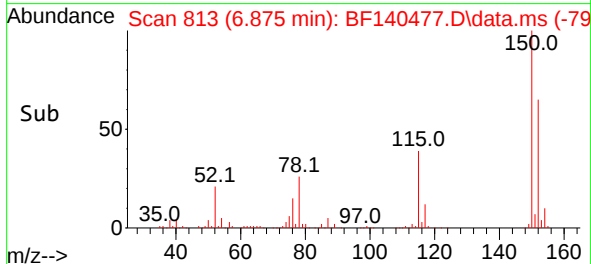
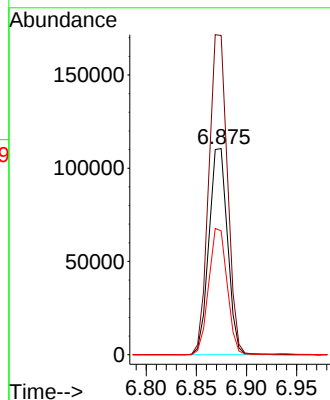
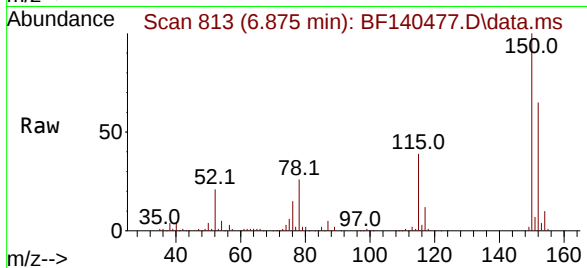




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

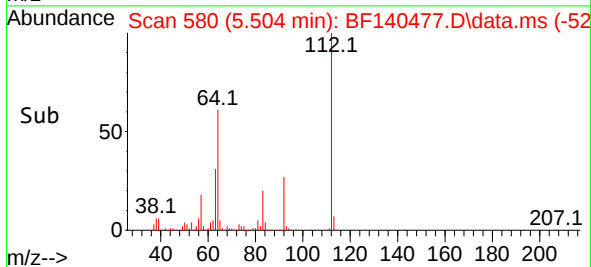
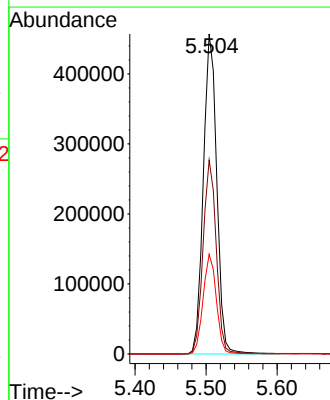
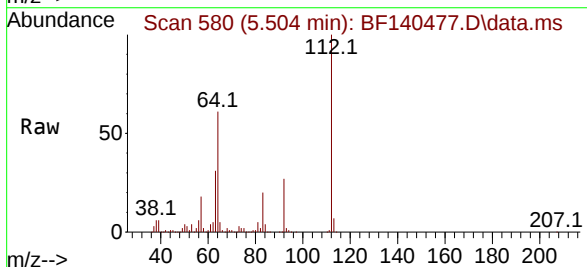
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BNA_F
ClientSampleId :
TP-1

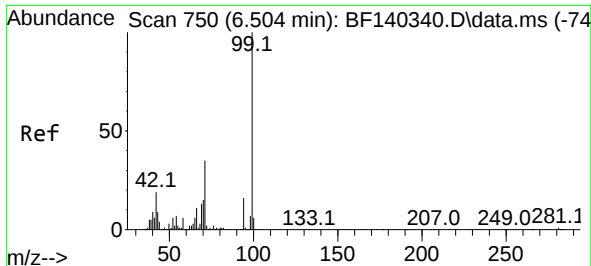
Tgt Ion:152 Resp: 142342
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 60.1 47.4 71.2



#5
2-Fluorophenol
Concen: 72.309 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

Tgt Ion:112 Resp: 602831
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 31.2 25.6 38.4

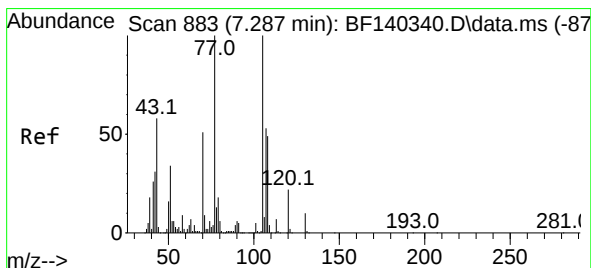
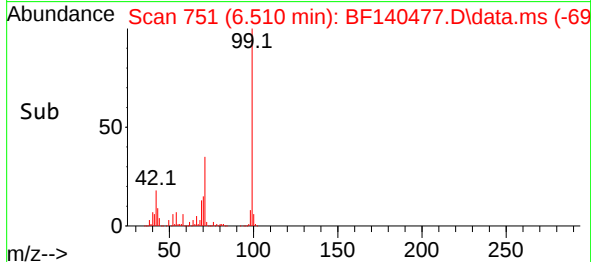
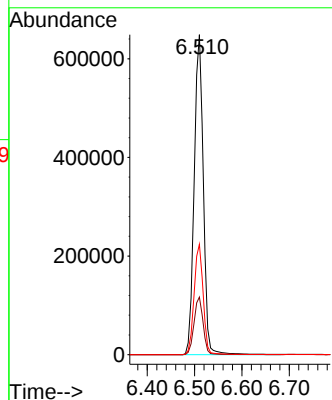
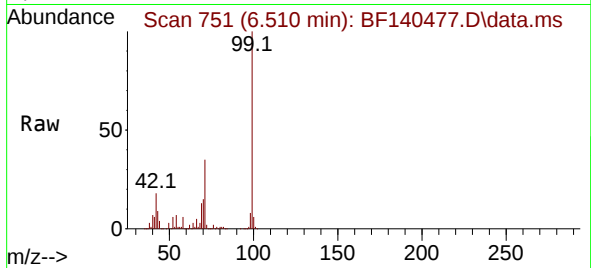




#7
Phenol-d6
Concen: 77.252 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

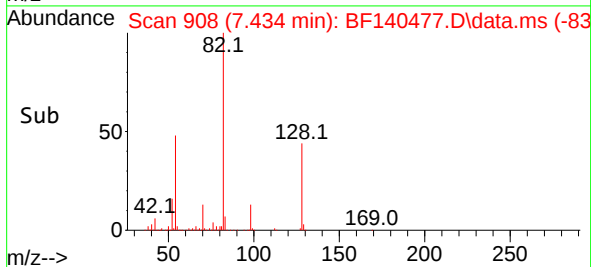
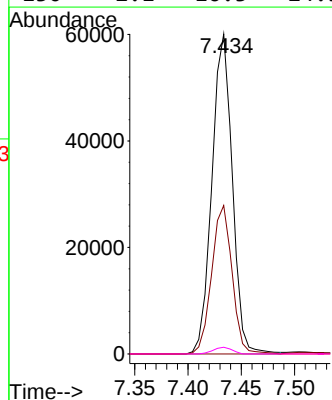
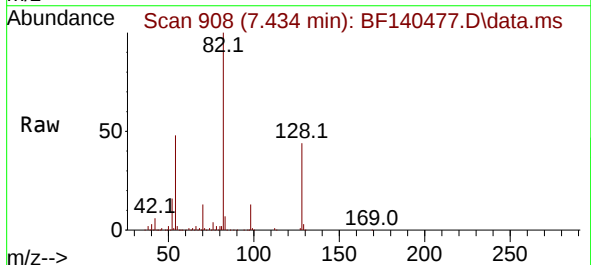
Instrument :
BNA_F
ClientSampleId :
TP-1

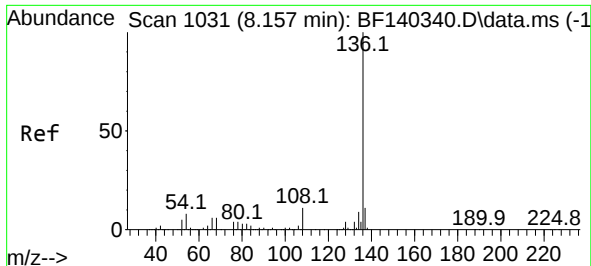
Tgt Ion: 99 Resp: 872571
Ion Ratio Lower Upper
99 100
42 18.0 15.1 22.7
71 34.5 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.731 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

Tgt Ion: 70 Resp: 80025
Ion Ratio Lower Upper
70 100
42 46.4 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#

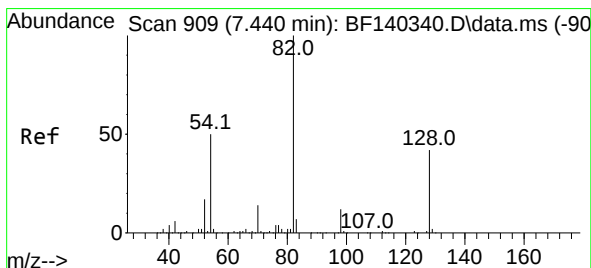
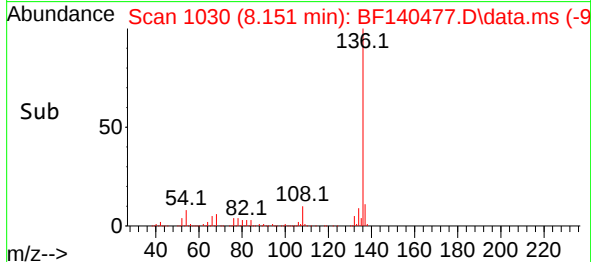
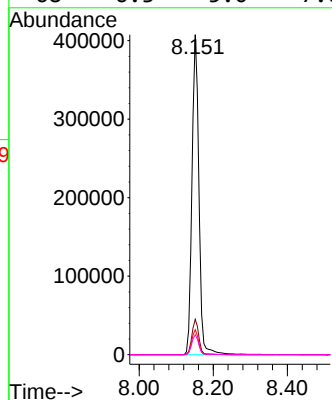
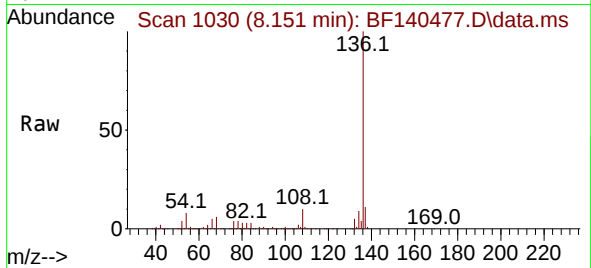




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

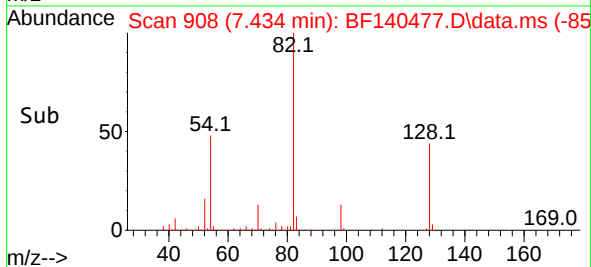
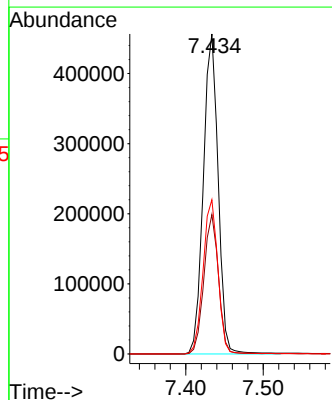
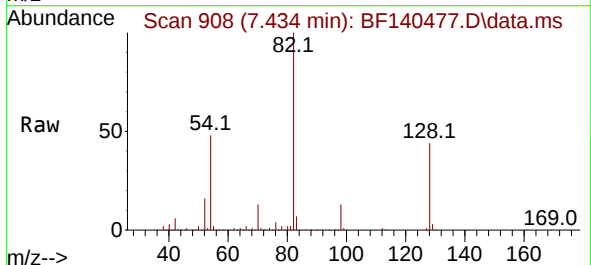
Instrument :
BNA_F
ClientSampleId :
TP-1

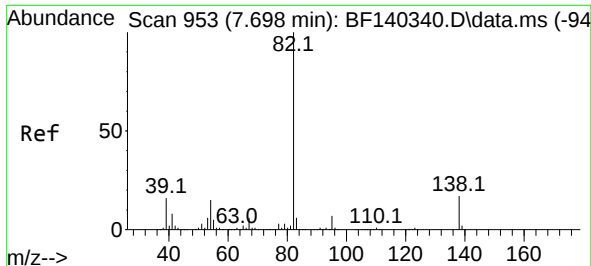
Tgt Ion:136 Resp: 529334
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 6.5 9.7
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 59.636 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

Tgt Ion: 82 Resp: 605867
Ion Ratio Lower Upper
82 100
128 43.5 33.3 49.9
54 48.2 39.8 59.8

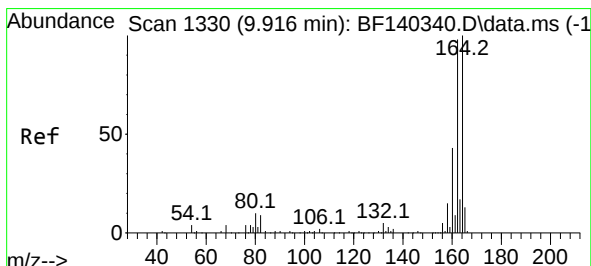
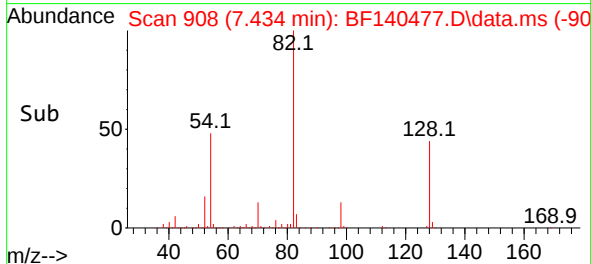
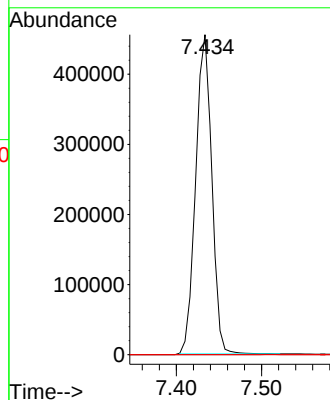
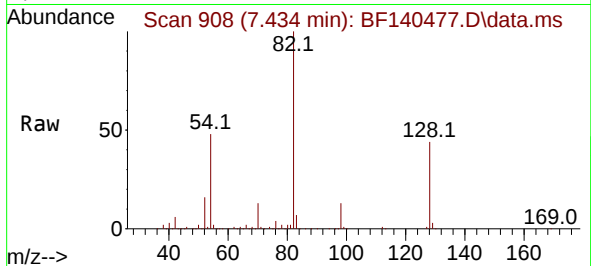




#25
Isophorone
Concen: 33.147 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

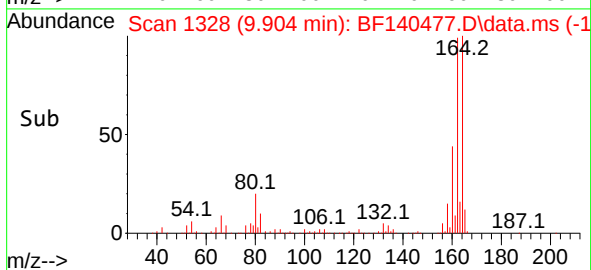
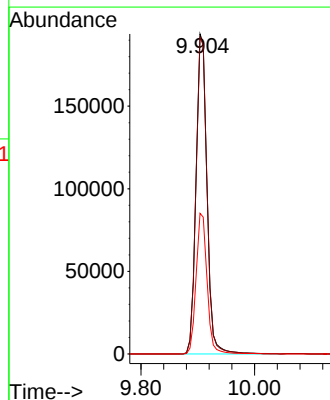
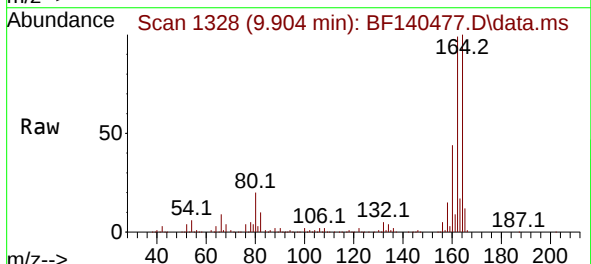
Instrument :
BNA_F
ClientSampleId :
TP-1

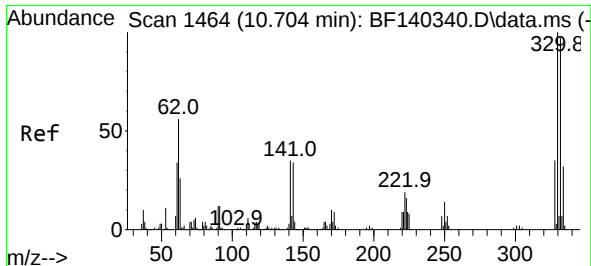
Tgt Ion: 82 Resp: 596831
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

Tgt Ion: 164 Resp: 260928
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 53.870 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140477.D

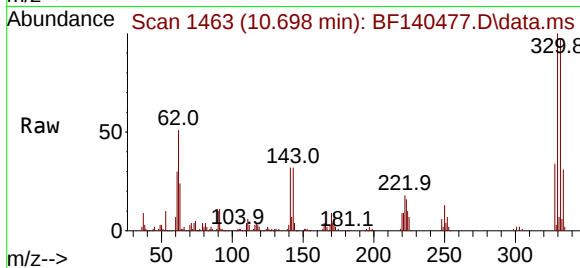
Acq: 19 Nov 2024 16:51

Instrument :

BNA_F

ClientSampleId :

TP-1



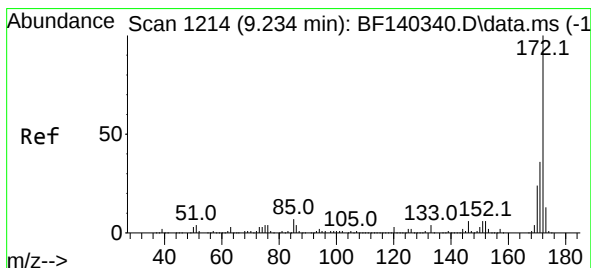
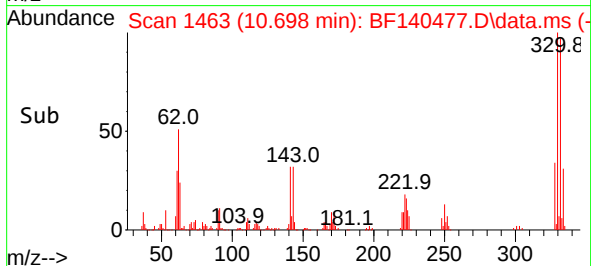
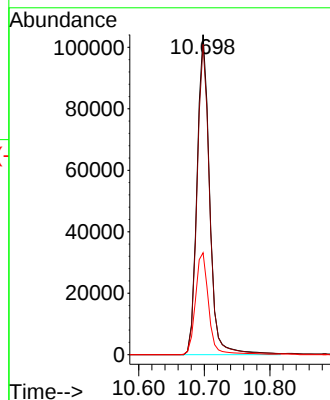
Tgt Ion:330 Resp: 139779

Ion Ratio Lower Upper

330 100

332 97.5 75.9 113.9

141 33.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 62.994 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

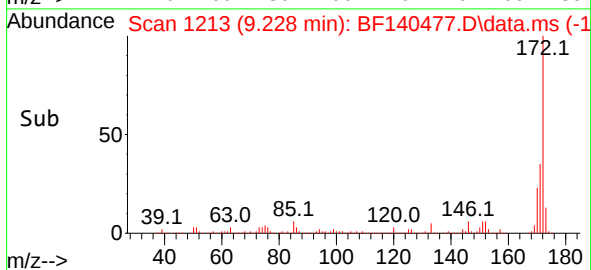
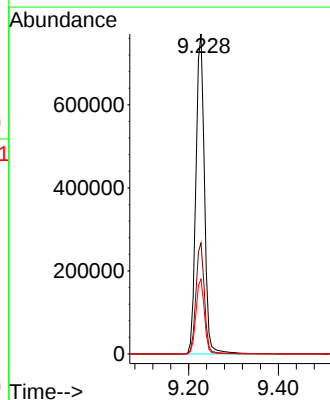
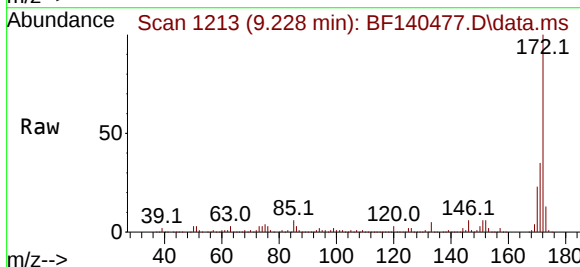
Tgt Ion:172 Resp: 1022480

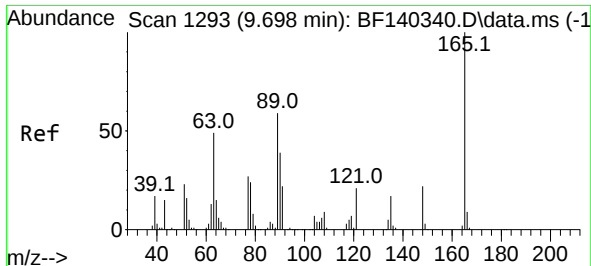
Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 23.4 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.242 ng

RT: 9.904 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

Instrument :

BNA_F

ClientSampleId :

TP-1

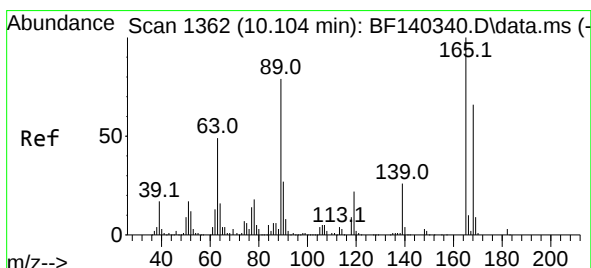
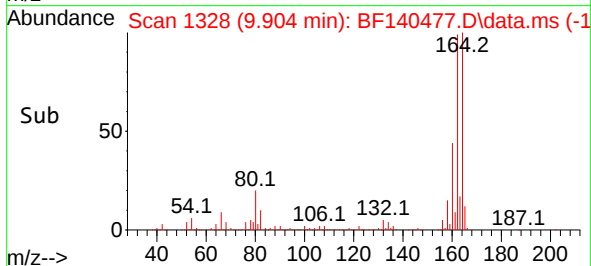
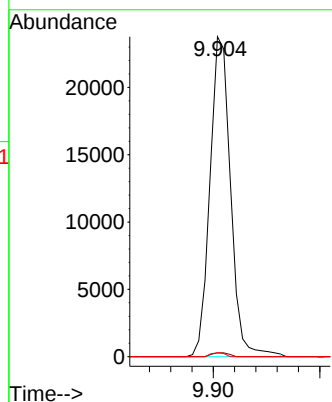
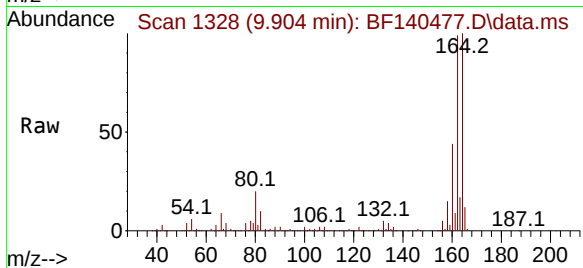
Tgt Ion:165 Resp: 31955

Ion Ratio Lower Upper

165 100

63 1.2 47.6 71.4#

89 1.2 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.262 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

Tgt Ion:165 Resp: 31956

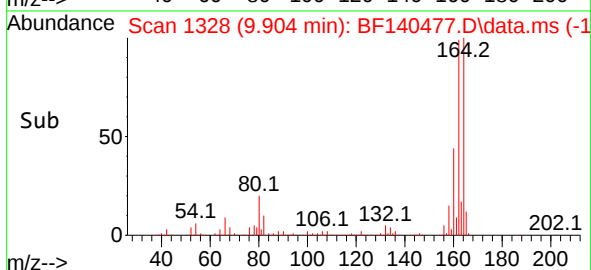
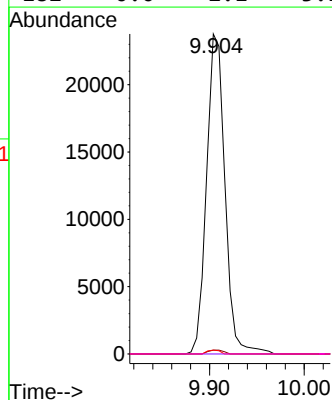
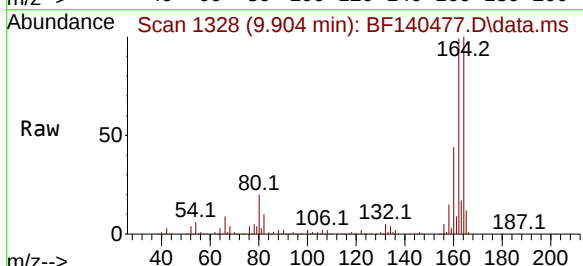
Ion Ratio Lower Upper

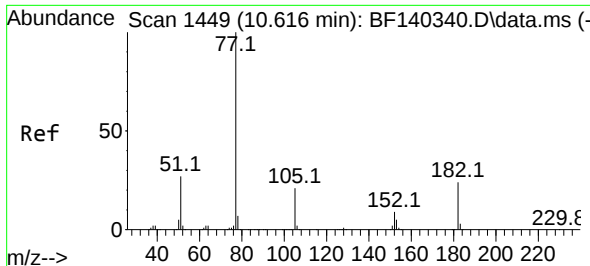
165 100

63 1.2 39.4 59.0#

89 1.2 62.4 93.6#

182 0.0 2.1 3.1#

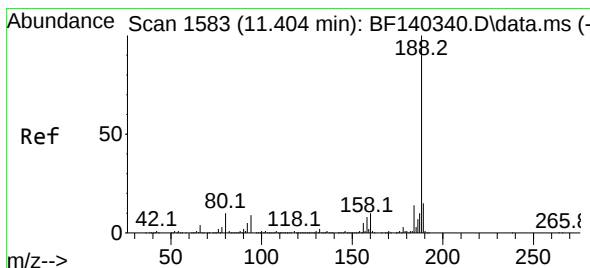
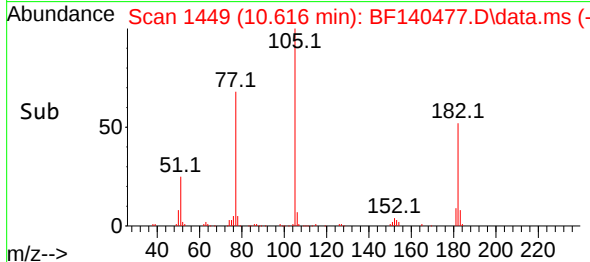
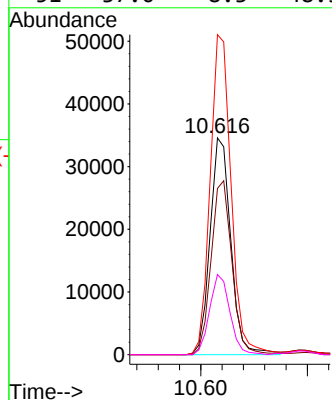
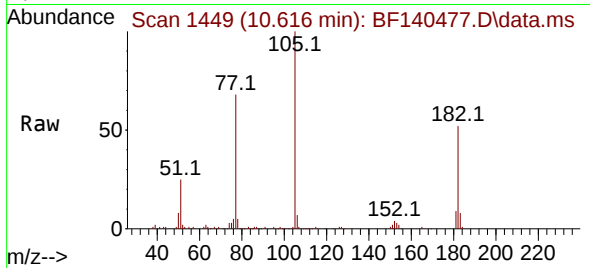




#63
Azobenzene
Concen: 2.725 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

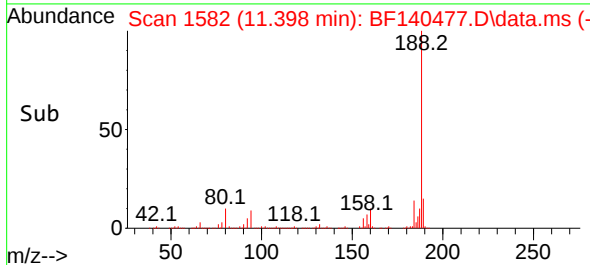
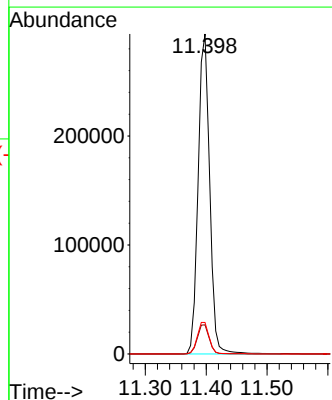
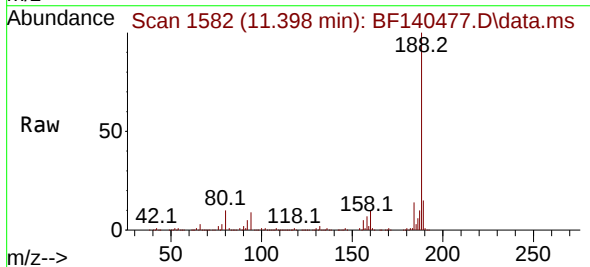
Instrument :
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ClientSampleId :
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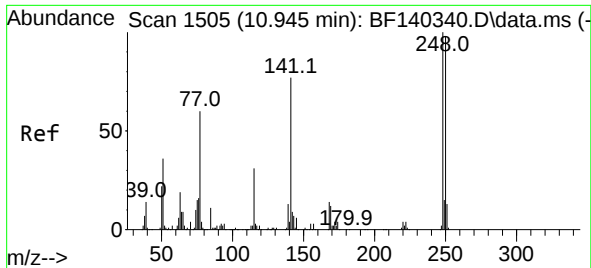
Tgt Ion: 77	Resp: 46826
Ion Ratio	Lower Upper
77 100	
182 76.7	4.6 44.6#
105 147.6	0.9 40.9#
51 37.0	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

Tgt Ion: 188	Resp: 384950
Ion Ratio	Lower Upper
188 100	
94 9.1	7.6 11.4
80 9.8	8.0 12.0

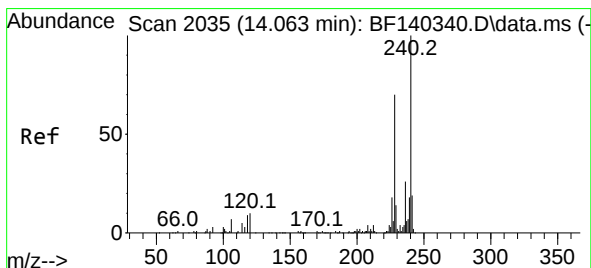
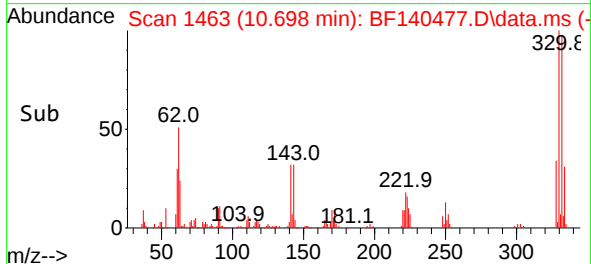
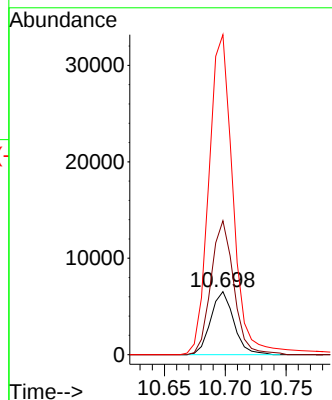
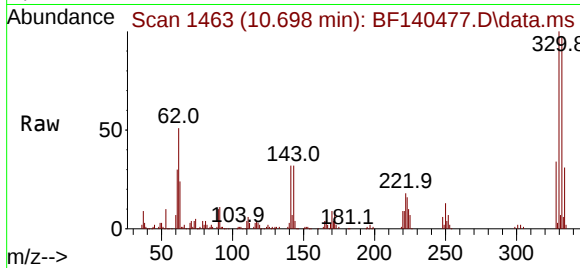




#67
4-Bromophenyl-phenylether
Concen: 2.249 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

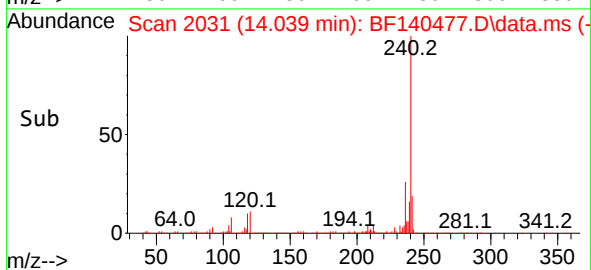
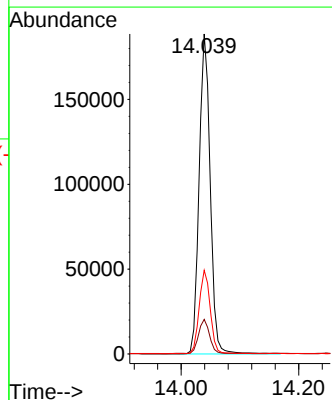
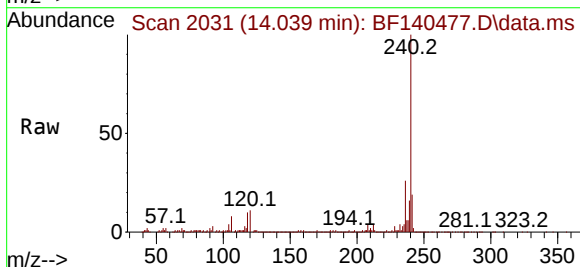
Instrument :
BNA_F
ClientSampleId :
TP-1

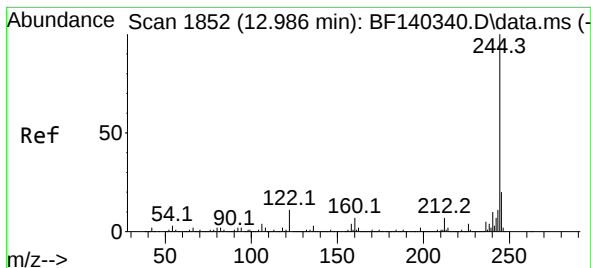
Tgt Ion:248 Resp: 8655
Ion Ratio Lower Upper
248 100
250 212.6 77.9 116.9#
141 508.2 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140477.D
Acq: 19 Nov 2024 16:51

Tgt Ion:240 Resp: 246325
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 52.228 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

Instrument :

BNA_F

ClientSampleId :

TP-1

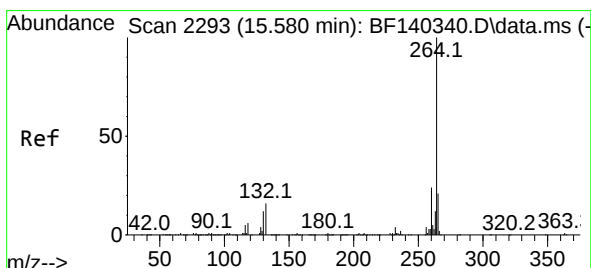
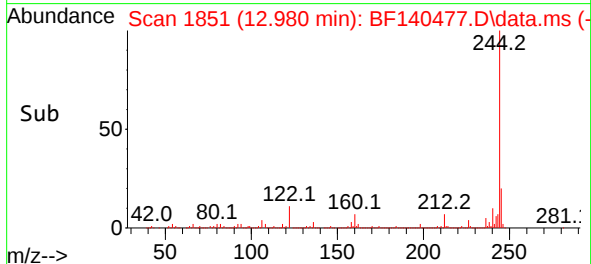
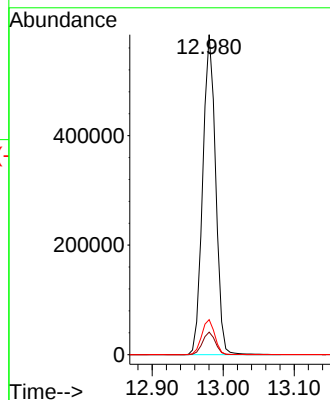
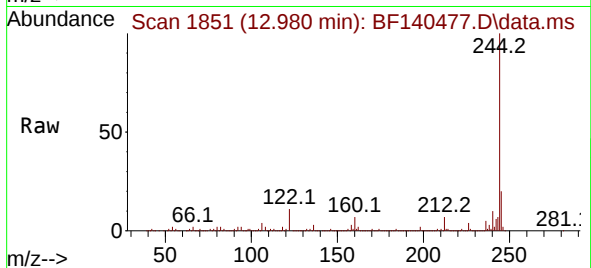
Tgt Ion:244 Resp: 741167

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.9 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.030 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

Tgt Ion:264 Resp: 198529

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 17.1 25.7

