

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133157.D
 Acq On : 01 May 2023 15:57
 Operator : CG\JU
 Sample : PB152505BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152505BL

Quant Time: May 02 05:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

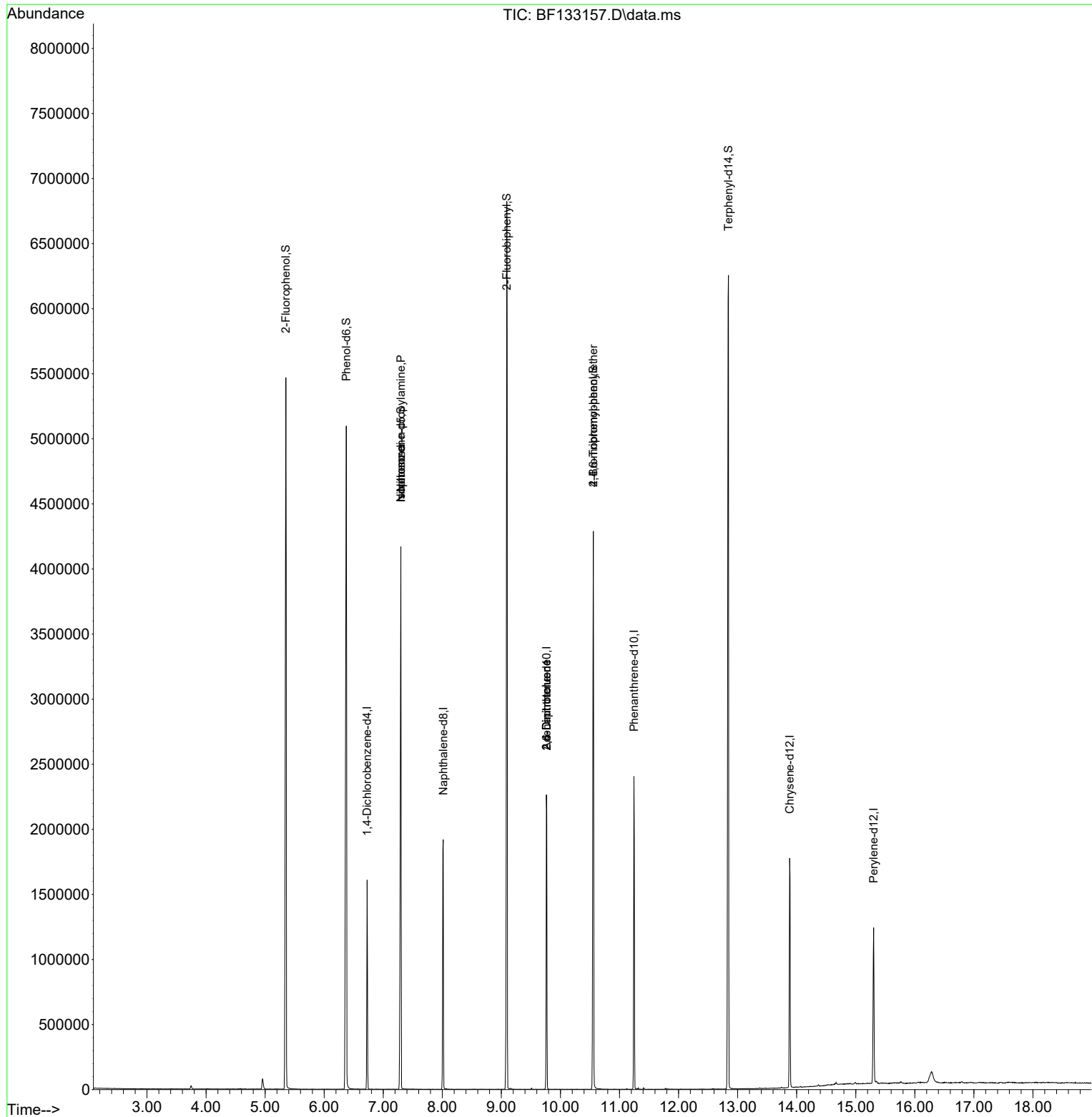
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	209287	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	863617	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	465402	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	840586	20.000	ng	0.00
76) Chrysene-d12	13.880	240	583435	20.000	ng	-0.01
86) Perylene-d12	15.304	264	496897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1883635	135.959	ng	0.01
7) Phenol-d6	6.375	99	2304438	134.008	ng	0.00
23) Nitrobenzene-d5	7.298	82	1403721	87.734	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	609132	130.142	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2370552	85.215	ng	0.00
79) Terphenyl-d14	12.845	244	2715548	80.273	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	3327	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.298	70	185655	17.342	ng	# 77
25) Isophorone	7.298	82	1396861	45.983	ng	# 63
51) 2,6-Dinitrotoluene	9.763	165	60083	8.226	ng	# 24
57) 2,4-Dinitrotoluene	9.763	165	60083	6.450	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	36810	4.038	ng	# 1

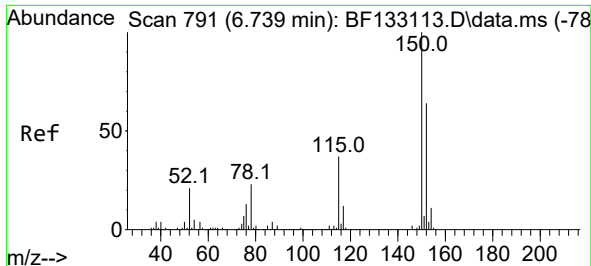
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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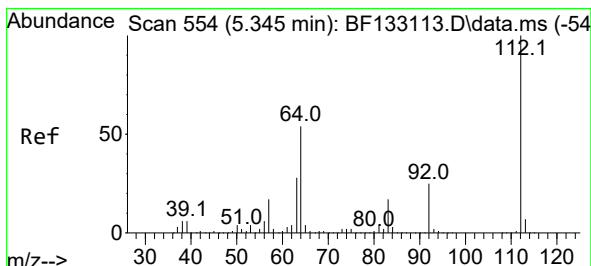
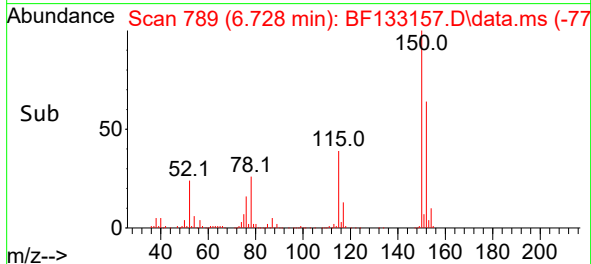
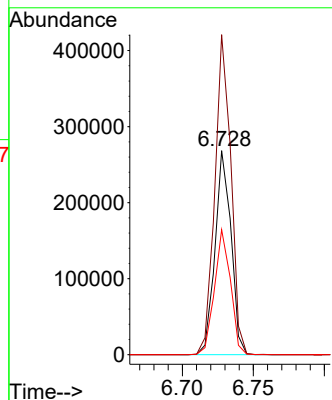
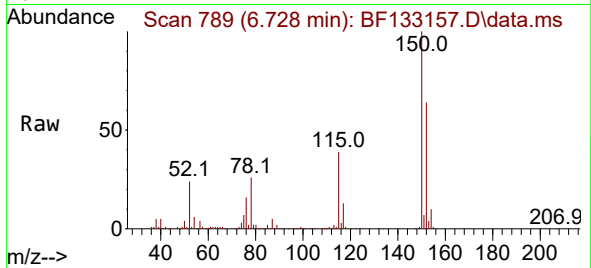




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

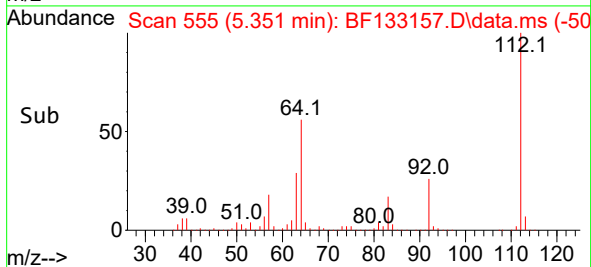
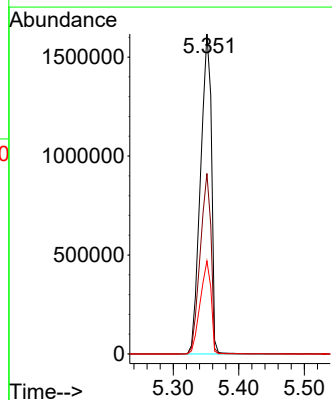
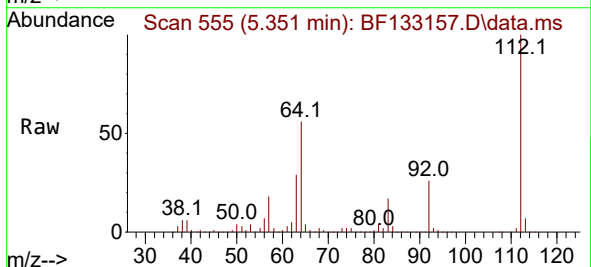
Instrument :
BNA_F
ClientSampleId :
PB152505BL

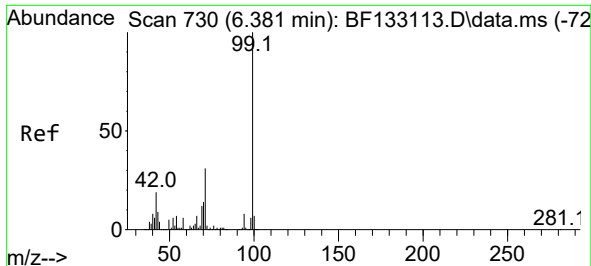
Tgt Ion:152 Resp: 209287
Ion Ratio Lower Upper
152 100
150 156.9 124.8 187.2
115 61.3 49.9 74.9



#5
2-Fluorophenol
Concen: 135.959 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

Tgt Ion:112 Resp: 1883635
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 29.0 23.8 35.8

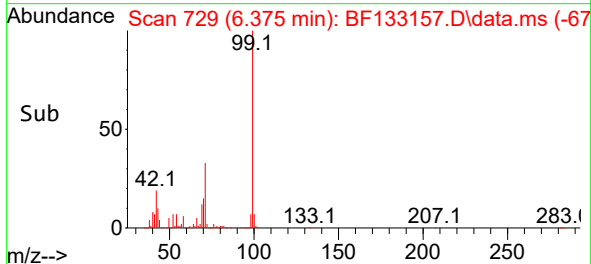
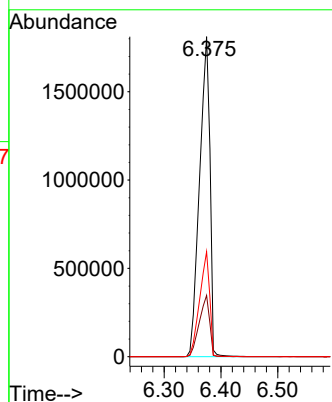
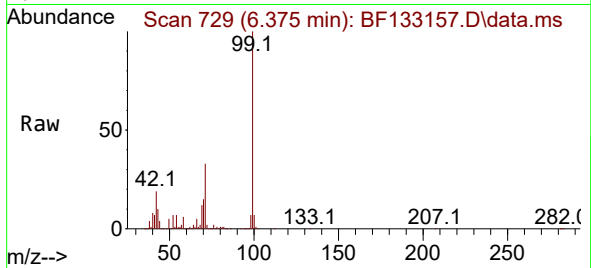




#7
Phenol-d6
Concen: 134.008 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

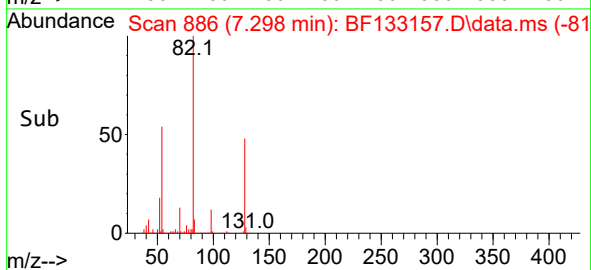
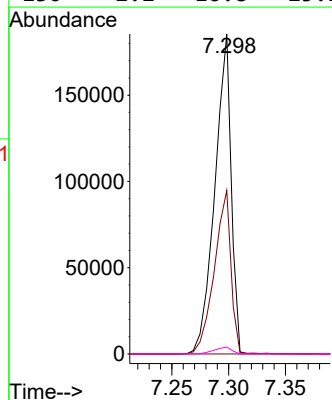
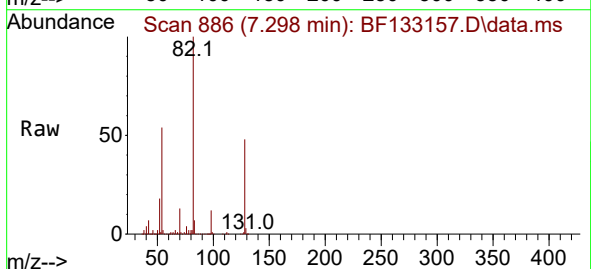
Instrument :
BNA_F
ClientSampleId :
PB152505BL

Tgt Ion: 99 Resp: 2304438
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.342 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

Tgt Ion: 70 Resp: 185655
Ion Ratio Lower Upper
70 100
42 51.1 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

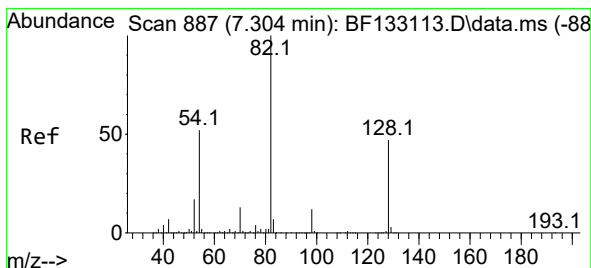
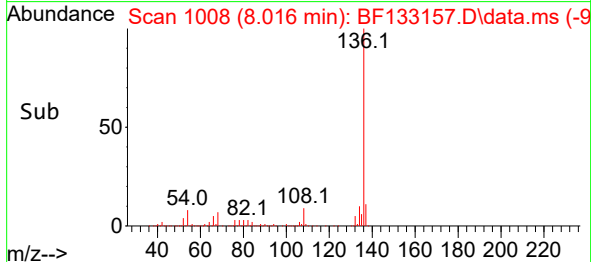
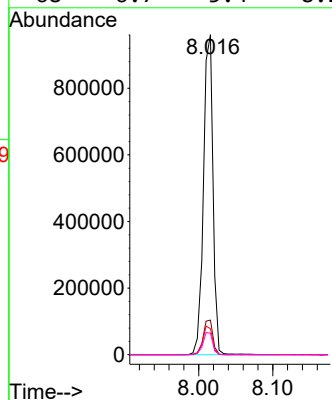
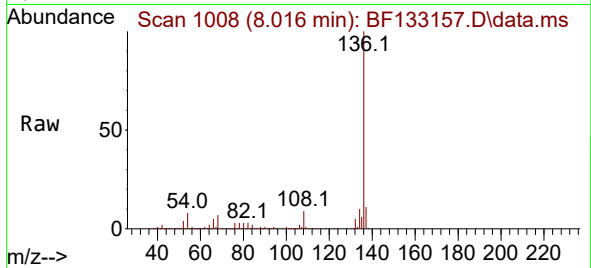




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

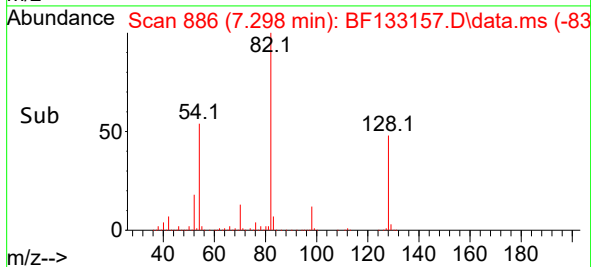
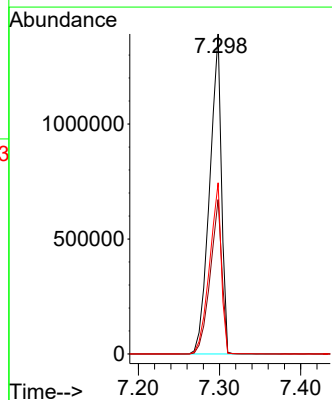
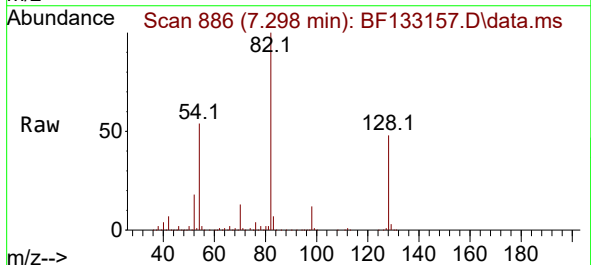
Instrument :
BNA_F
ClientSampleId :
PB152505BL

Tgt Ion:136 Resp: 863617
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.1 7.0 10.4
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 87.734 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

Tgt Ion: 82 Resp: 1403721
Ion Ratio Lower Upper
82 100
128 48.2 37.7 56.5
54 53.5 43.0 64.4

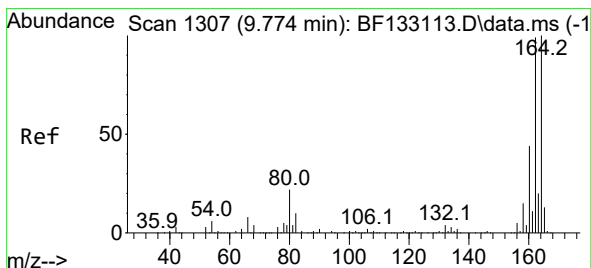
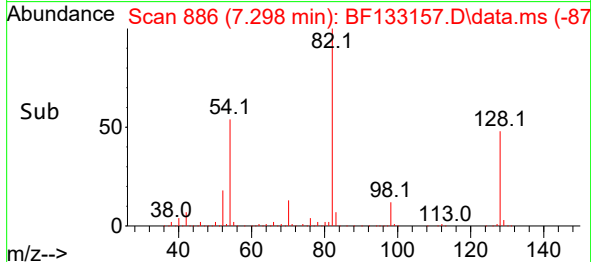
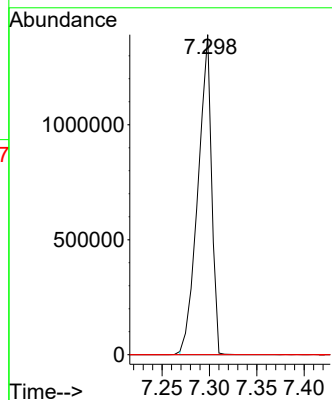
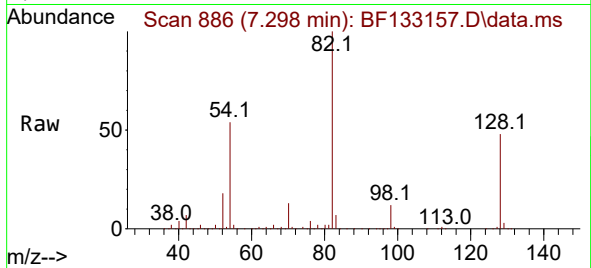




#25
Isophorone
Concen: 45.983 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

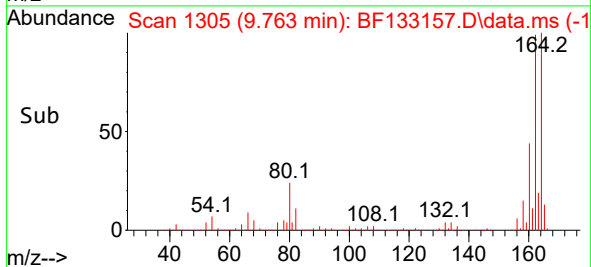
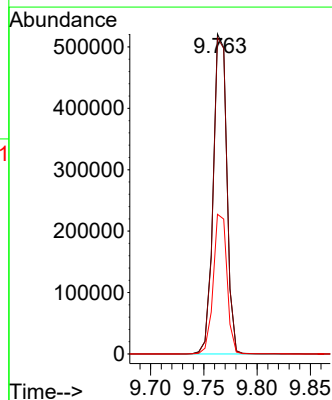
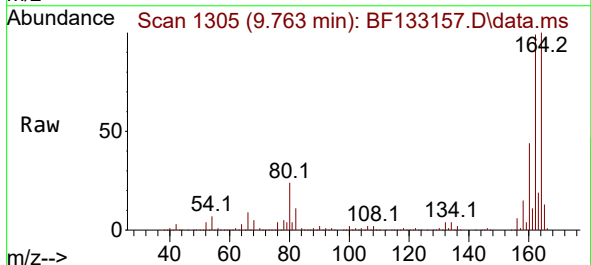
Instrument :
BNA_F
ClientSampleId :
PB152505BL

Tgt Ion: 82 Resp: 1396861
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

Tgt Ion:164 Resp: 465402
Ion Ratio Lower Upper
164 100
162 98.9 78.7 118.1
160 43.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 130.142 ng

RT: 10.557 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133157.D

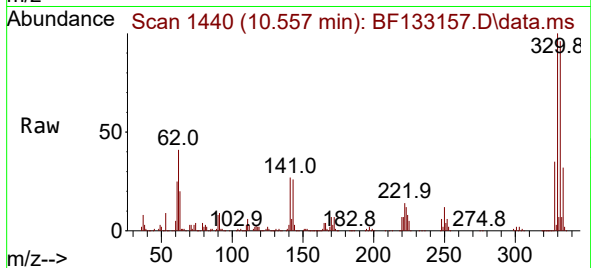
Acq: 01 May 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB152505BL



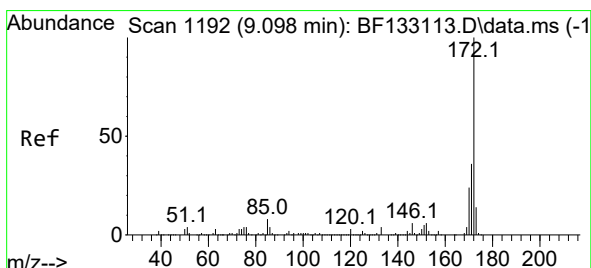
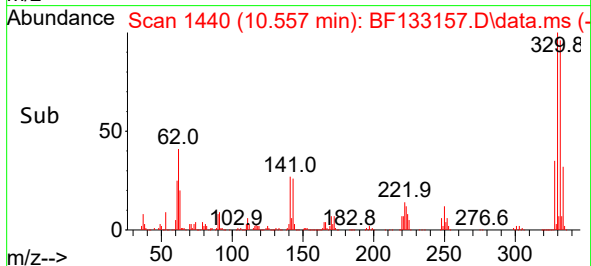
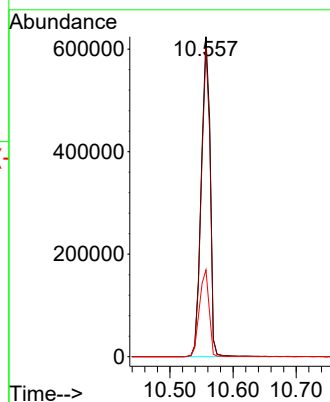
Tgt Ion:330 Resp: 609132

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 29.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 85.215 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133157.D

Acq: 01 May 2023 15:57

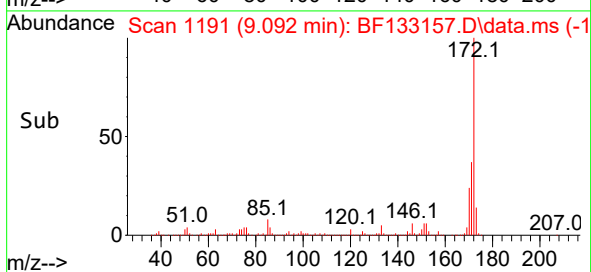
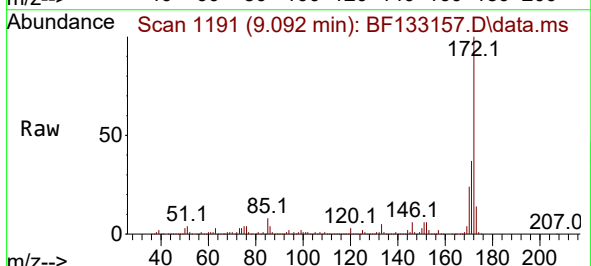
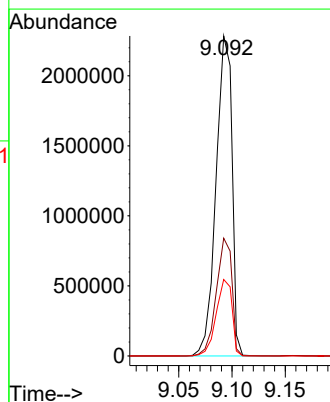
Tgt Ion:172 Resp: 2370552

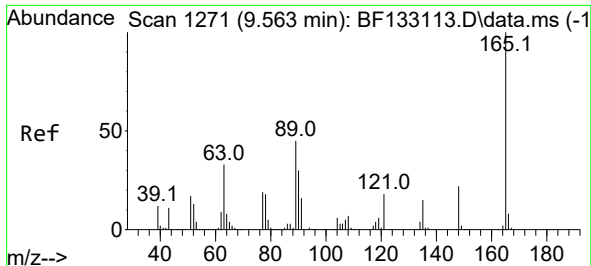
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 23.9 19.4 29.2

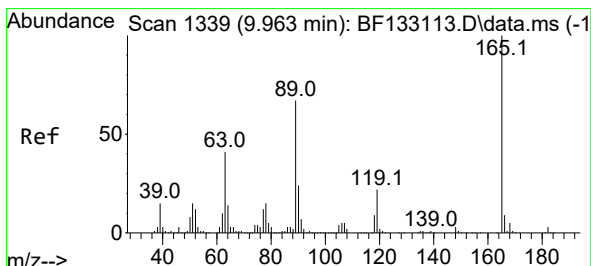
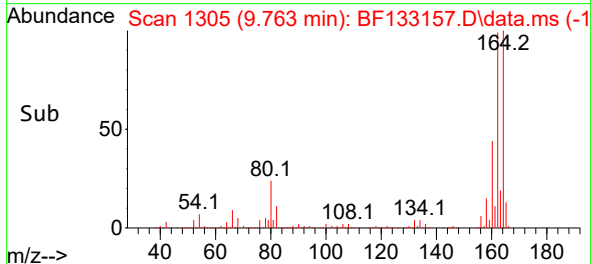
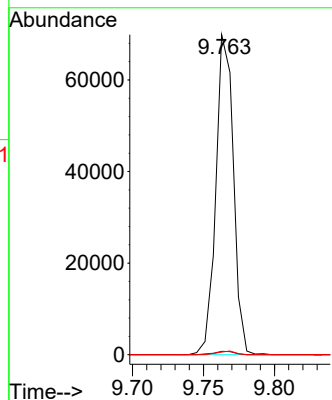
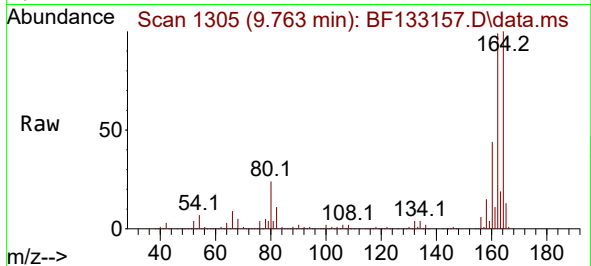




#51
2,6-Dinitrotoluene
Concen: 8.226 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

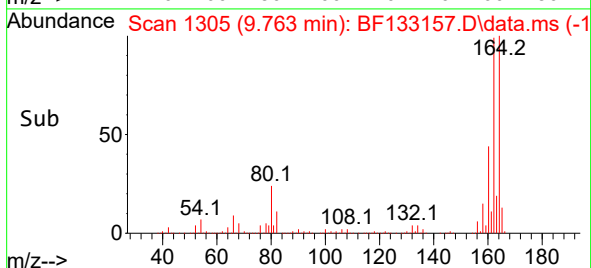
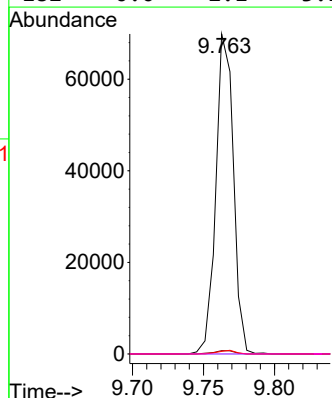
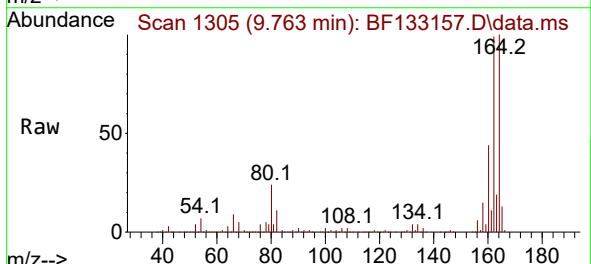
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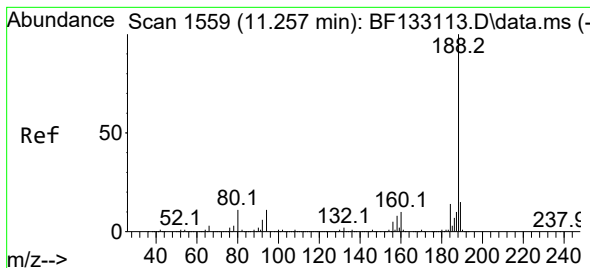
Tgt Ion:165 Resp: 60083
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 0.8 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.200 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

Tgt Ion:165 Resp: 60083
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 0.8 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133157.D

Acq: 01 May 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB152505BL

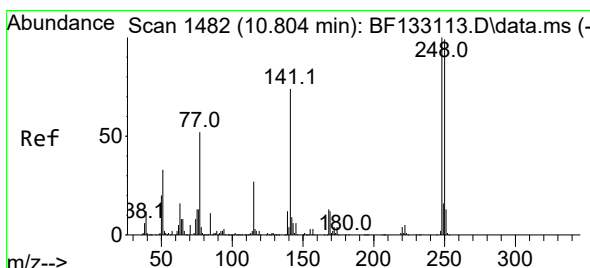
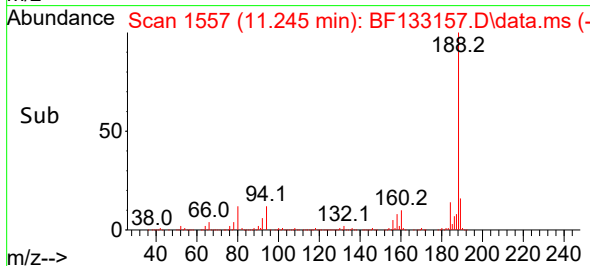
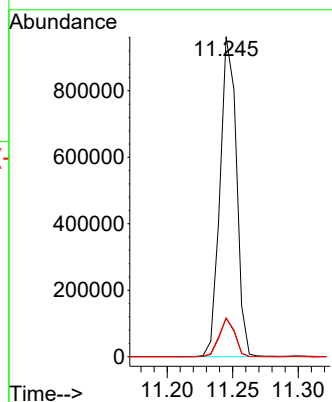
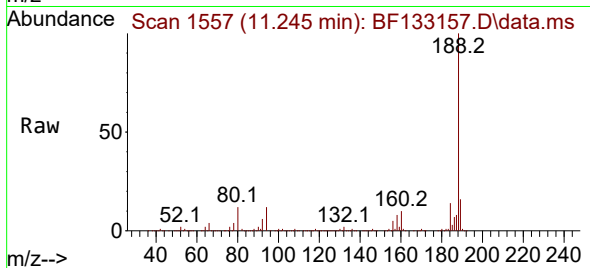
Tgt Ion:188 Resp: 840586

Ion Ratio Lower Upper

188 100

94 12.0 9.7 14.5

80 12.1 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 4.038 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.247 min

Lab File: BF133157.D

Acq: 01 May 2023 15:57

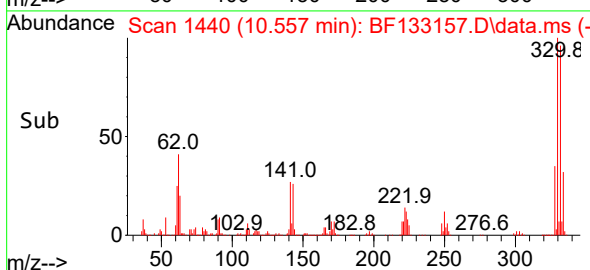
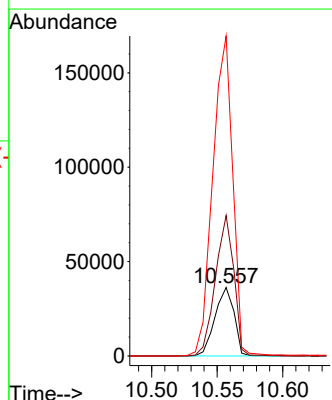
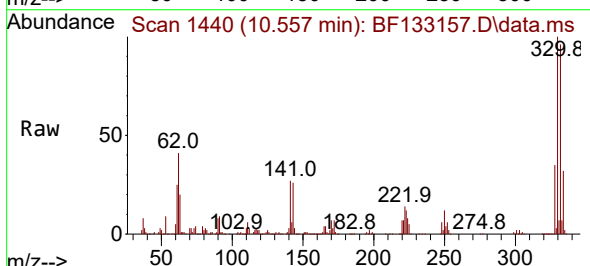
Tgt Ion:248 Resp: 36810

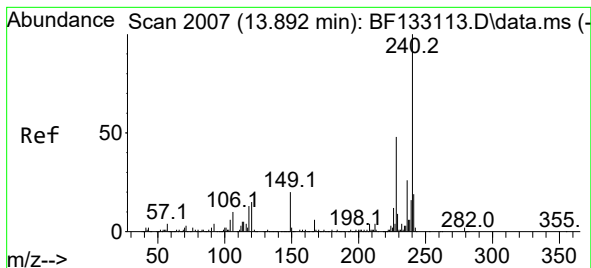
Ion Ratio Lower Upper

248 100

250 204.9 78.7 118.1#

141 466.8 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133157.D

Acq: 01 May 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB152505BL

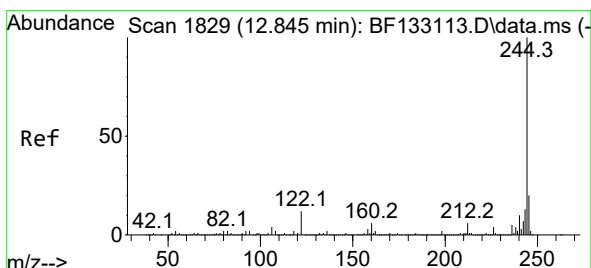
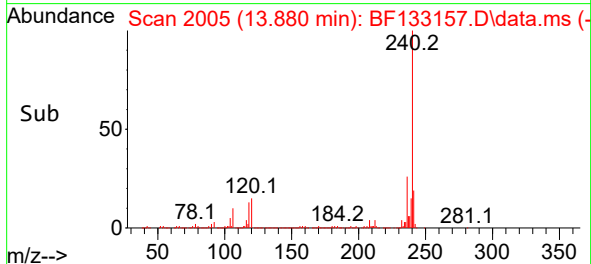
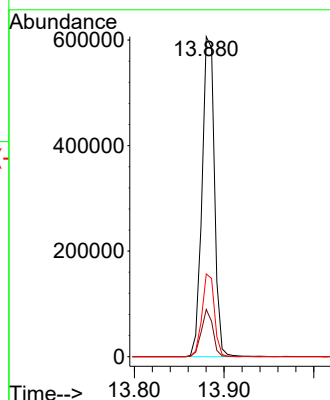
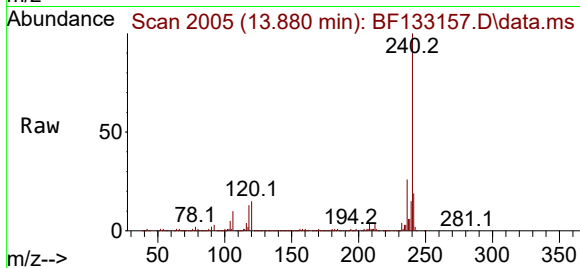
Tgt Ion:240 Resp: 583435

Ion Ratio Lower Upper

240 100

120 14.7 10.5 15.7

236 25.8 21.5 32.3



#79

Terphenyl-d14

Concen: 80.273 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF133157.D

Acq: 01 May 2023 15:57

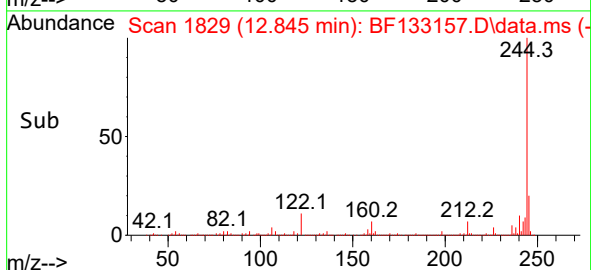
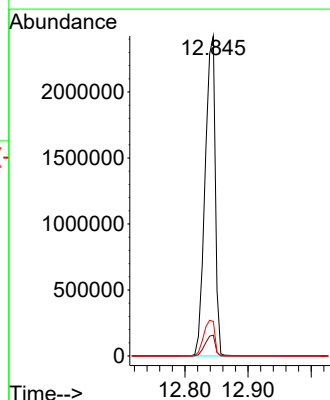
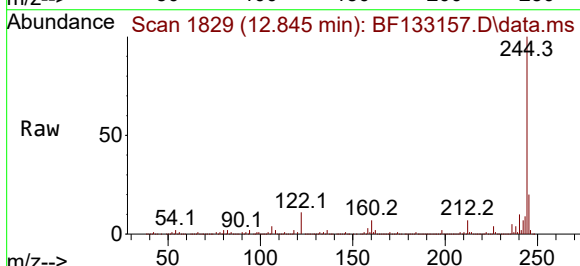
Tgt Ion:244 Resp: 2715548

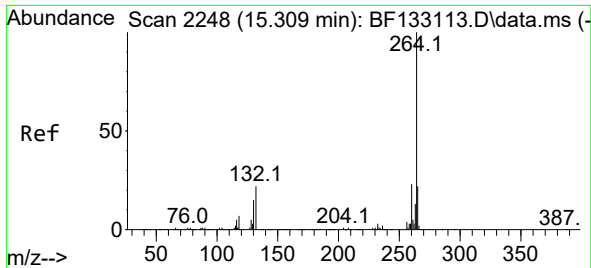
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

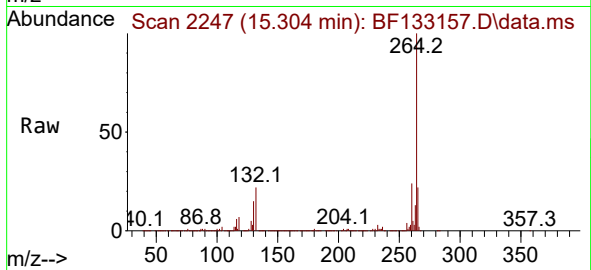
122 10.8 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133157.D
Acq: 01 May 2023 15:57

Instrument :
BNA_F
ClientSampleId :
PB152505BL



Tgt Ion:264 Resp: 496897
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.7 17.0 25.4

