

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134007.D
 Acq On : 28 Jun 2023 01:37
 Operator : CG\JU
 Sample : PB153608TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153608TB

Quant Time: Jun 28 02:30:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

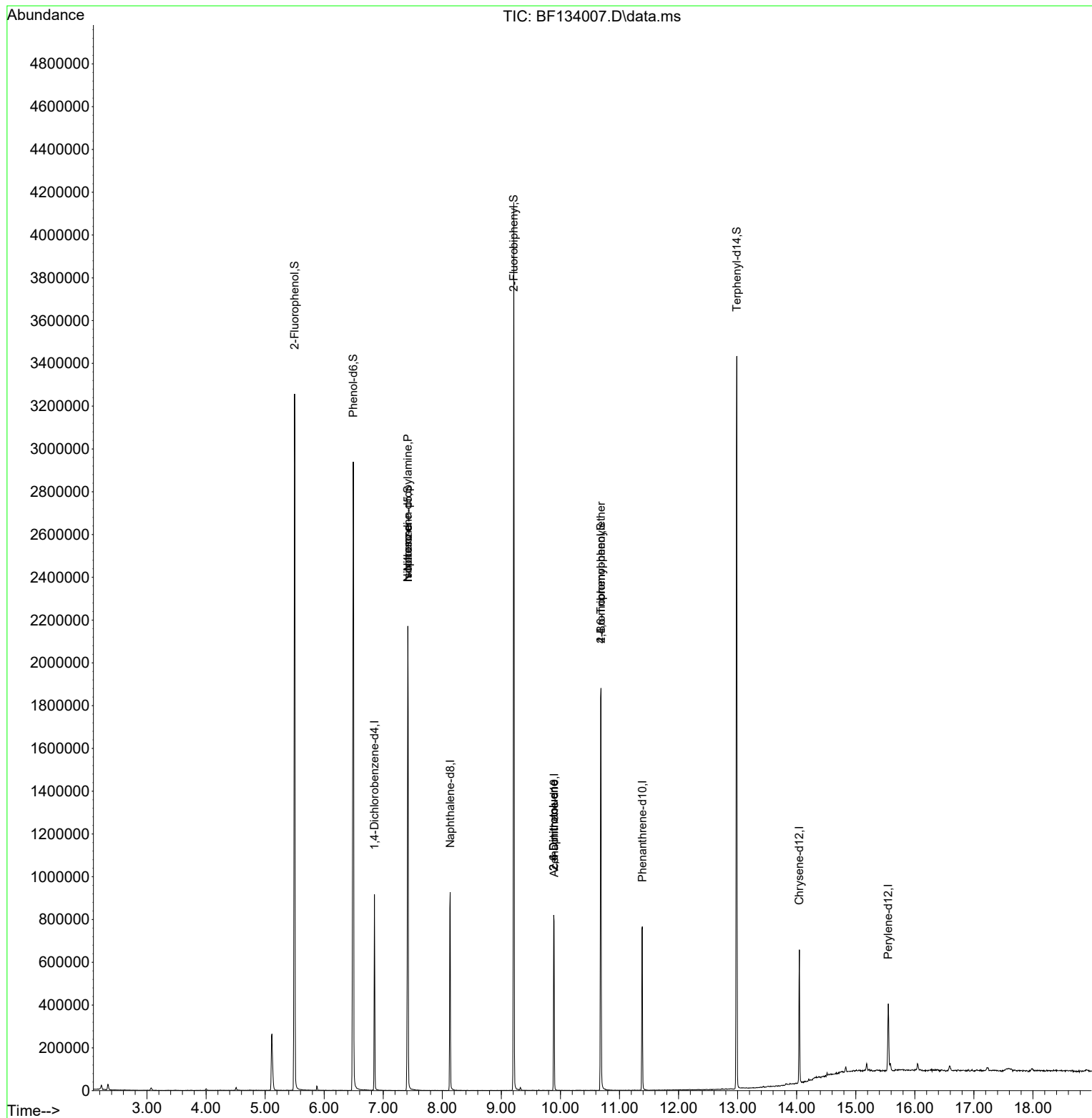
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	117835	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	411889	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	171393	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	303359	20.000	ng	0.00
76) Chrysene-d12	14.045	240	198845	20.000	ng	0.00
86) Perylene-d12	15.551	264	149936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	939958	133.435	ng	0.02
7) Phenol-d6	6.492	99	1097460	126.682	ng	0.00
23) Nitrobenzene-d5	7.416	82	721776	94.461	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	239597	111.496	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1195027	101.372	ng	0.00
79) Terphenyl-d14	12.986	244	1237490	100.160	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	2272	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	103781	18.890	ng	# 78
25) Isophorone	7.416	82	719799	51.833	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	21691	8.095	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	21691	6.129	ng	# 22
67) 4-Bromophenyl-phenylether	10.686	248	14873	4.613	ng	# 1

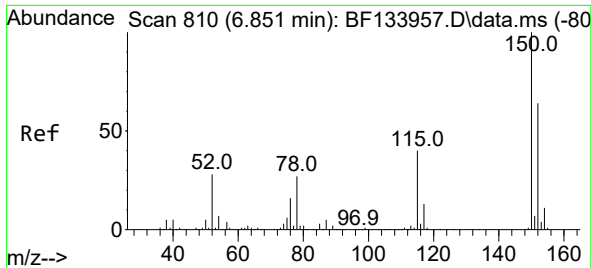
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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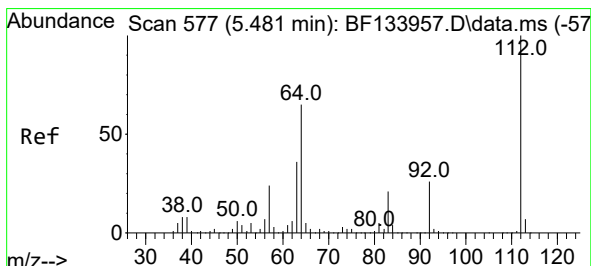
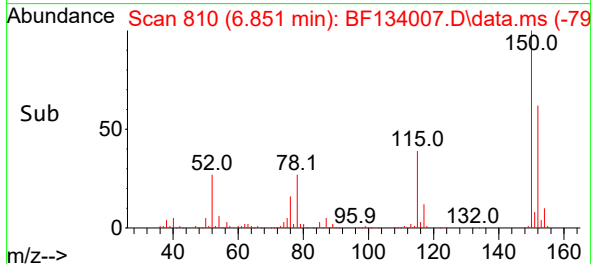
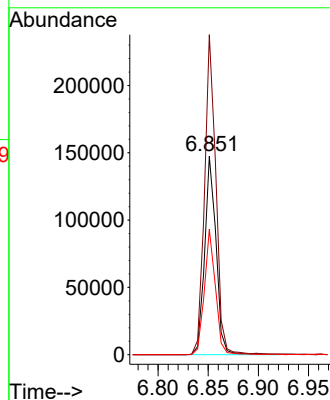
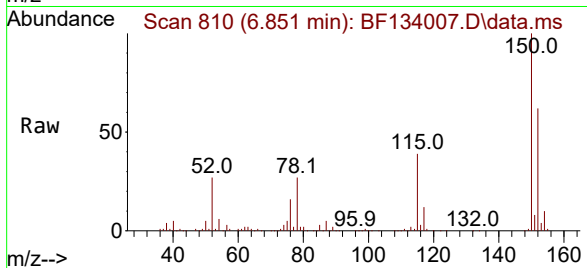




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

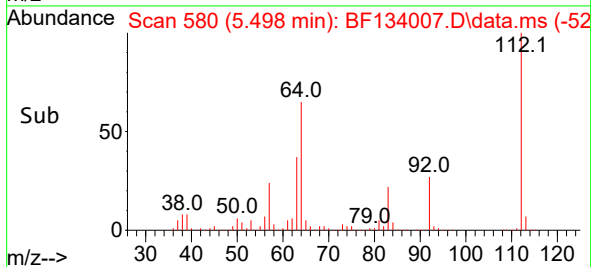
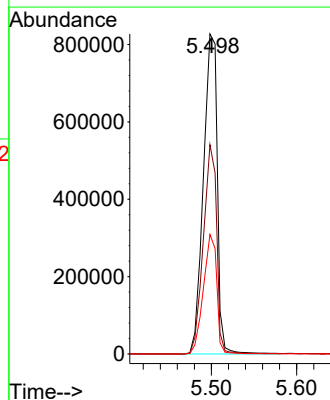
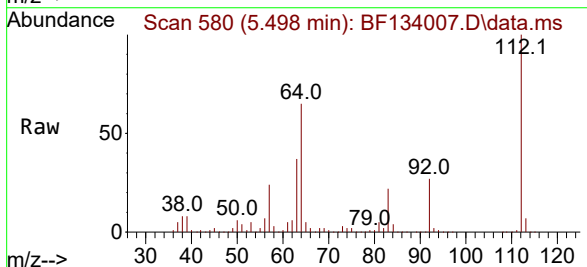
Instrument :
BNA_F
ClientSampleId :
PB153608TB

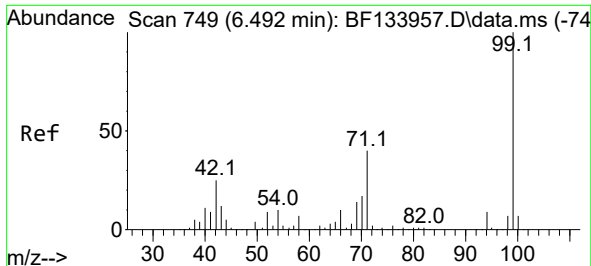
Tgt Ion:152 Resp: 117835
Ion Ratio Lower Upper
152 100
150 161.2 124.5 186.7
115 63.2 50.2 75.2



#5
2-Fluorophenol
Concen: 133.435 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Tgt Ion:112 Resp: 939958
Ion Ratio Lower Upper
112 100
64 65.4 52.1 78.1
63 37.3 28.6 42.8

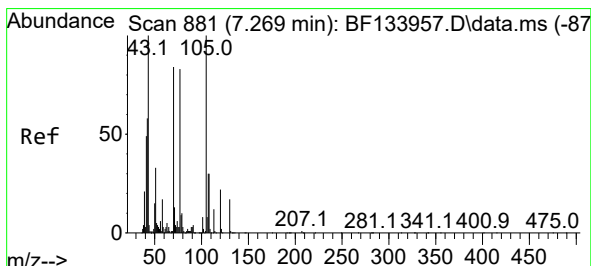
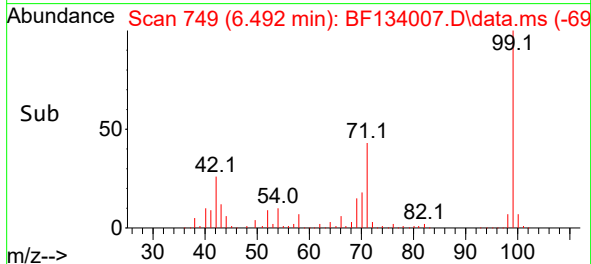
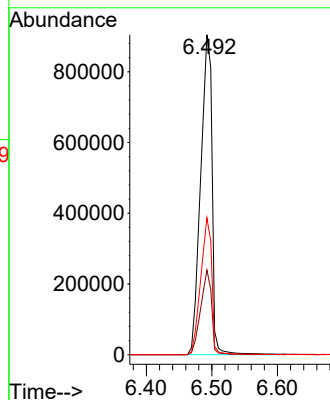
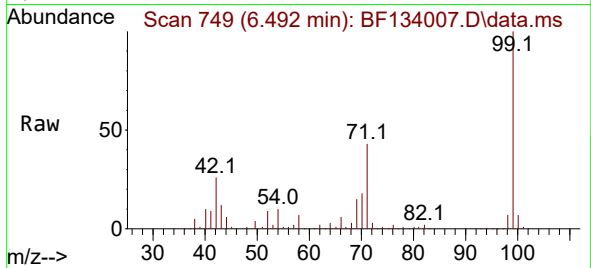




#7
Phenol-d6
Concen: 126.682 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

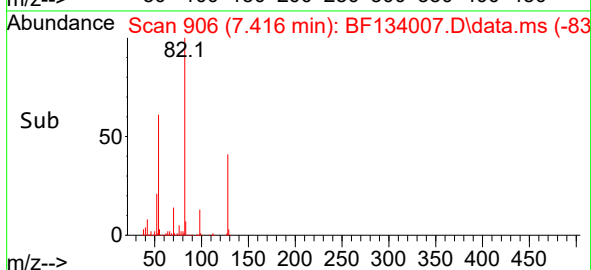
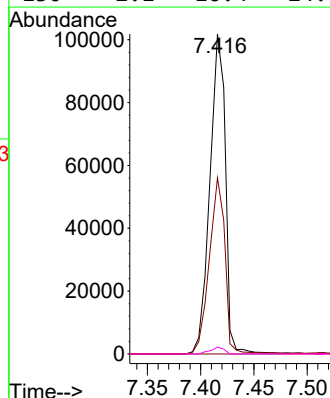
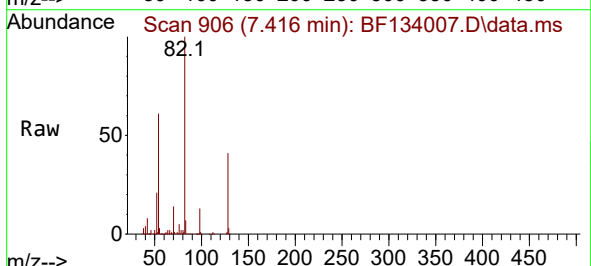
Instrument :
BNA_F
ClientSampleId :
PB153608TB

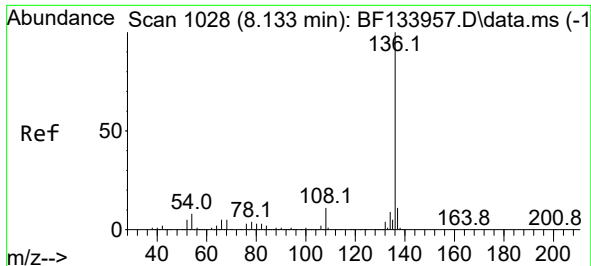
Tgt Ion: 99 Resp: 1097460
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.6
71 42.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.890 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Tgt Ion: 70 Resp: 103781
Ion Ratio Lower Upper
70 100
42 55.1 54.7 82.1
101 0.0 7.7 11.5#
130 2.1 16.4 24.6#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Instrument :

BNA_F

ClientSampleId :

PB153608TB

Tgt Ion:136 Resp: 411889

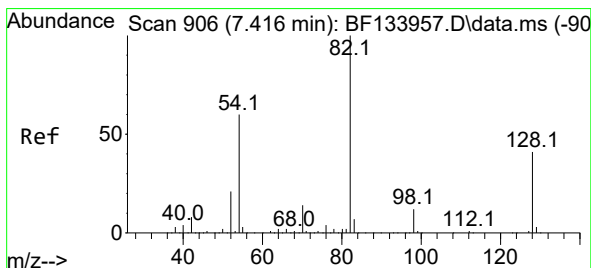
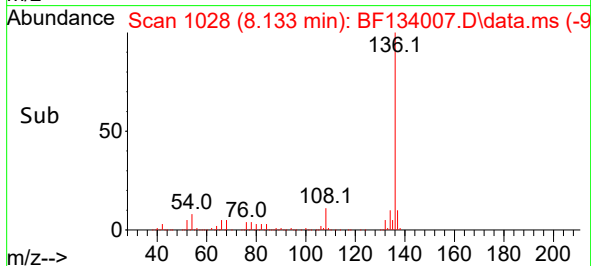
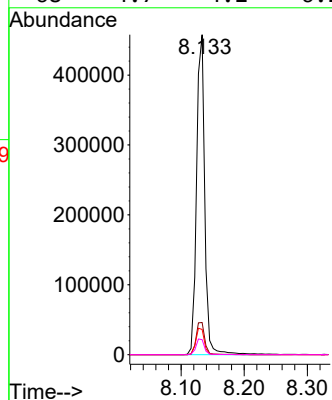
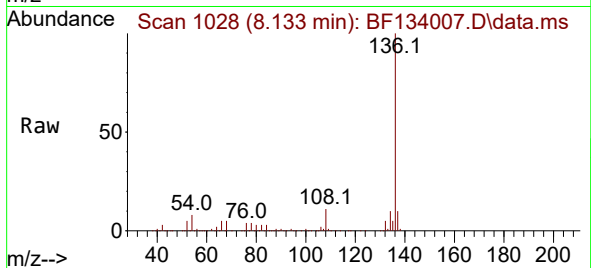
Ion Ratio Lower Upper

136 100

137 10.0 8.6 12.8

54 7.9 6.5 9.7

68 4.7 4.2 6.2



#23
Nitrobenzene-d5
Concen: 94.461 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

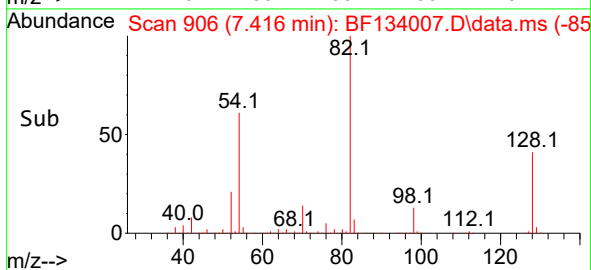
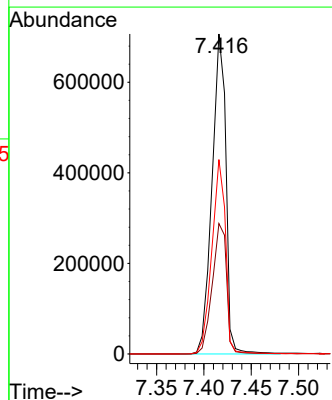
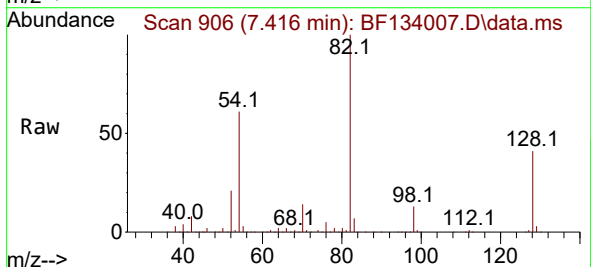
Tgt Ion: 82 Resp: 721776

Ion Ratio Lower Upper

82 100

128 40.8 32.5 48.7

54 60.7 48.2 72.2

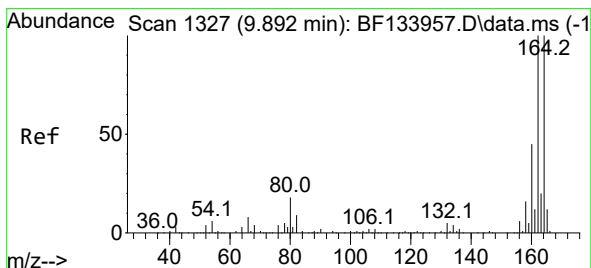
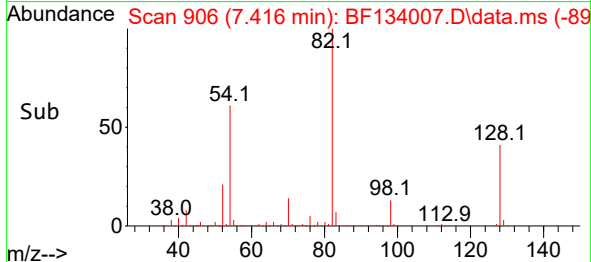
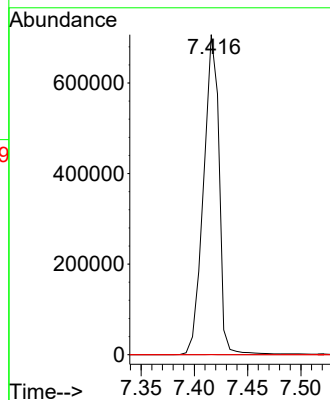
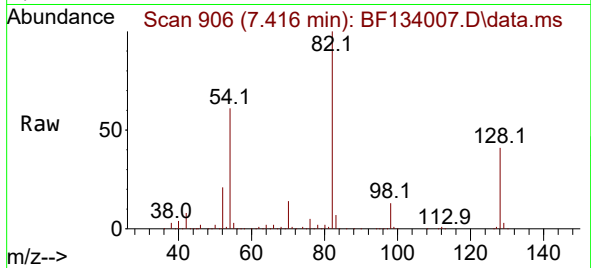




#25
Isophorone
Concen: 51.833 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

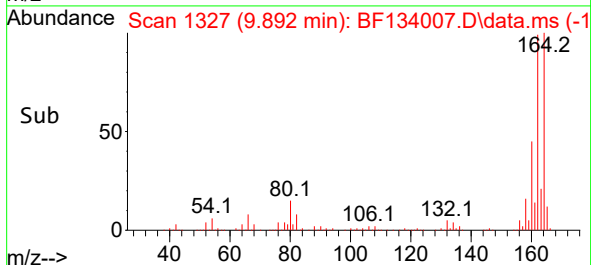
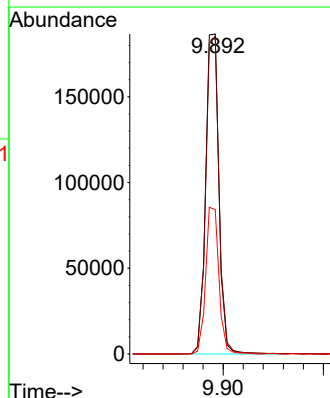
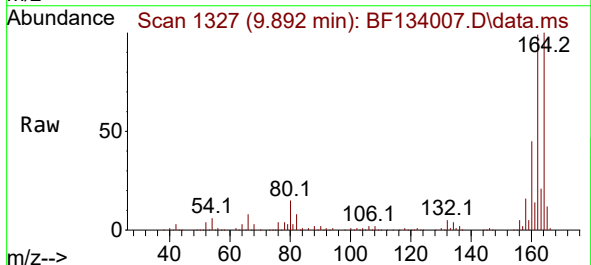
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Tgt Ion: 82 Resp: 719799
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Tgt Ion: 164 Resp: 171393
Ion Ratio Lower Upper
164 100
162 99.3 80.0 120.0
160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 111.496 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF134007.D

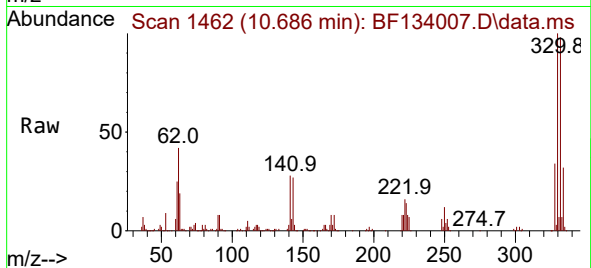
Acq: 28 Jun 2023 01:37

Instrument :

BNA_F

ClientSampleId :

PB153608TB



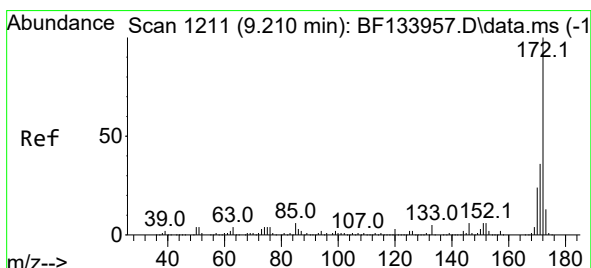
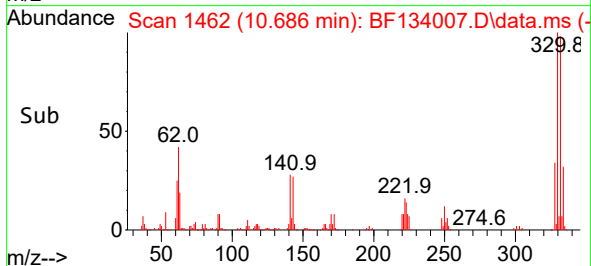
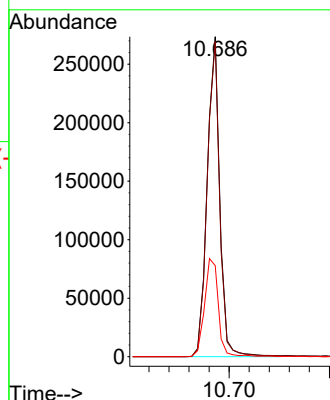
Tgt Ion:330 Resp: 239597

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

141 33.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 101.372 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134007.D

Acq: 28 Jun 2023 01:37

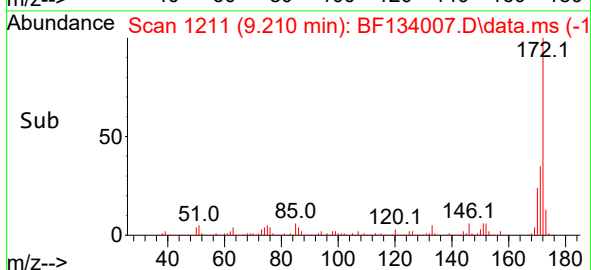
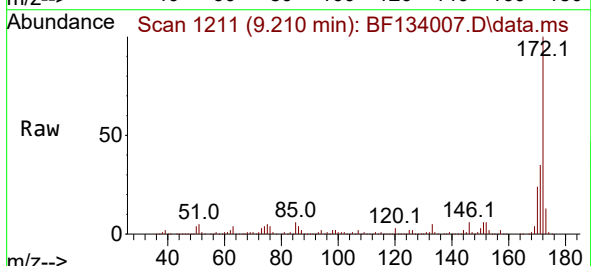
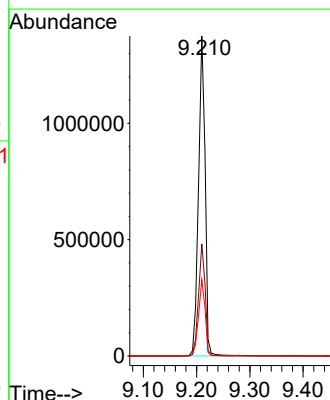
Tgt Ion:172 Resp: 1195027

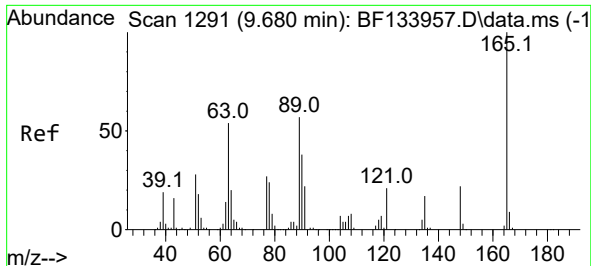
Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.9 19.4 29.0

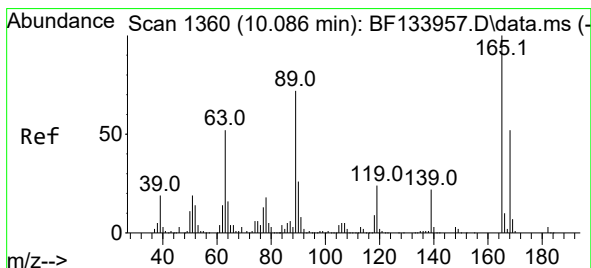
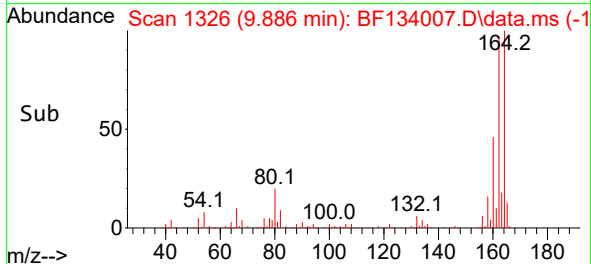
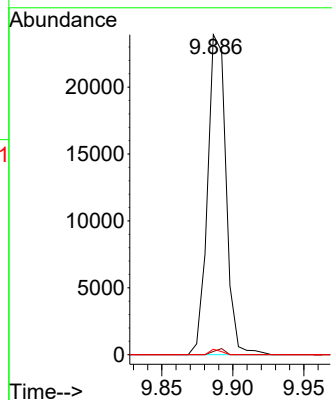
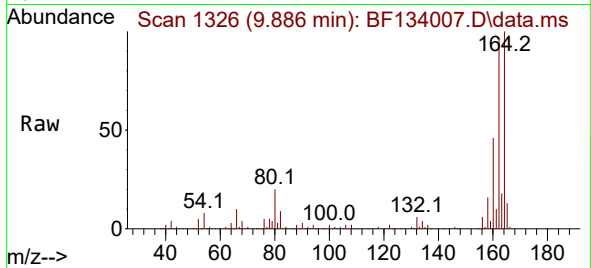




#51
2,6-Dinitrotoluene
Concen: 8.095 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

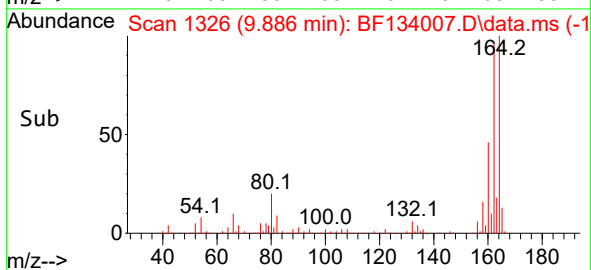
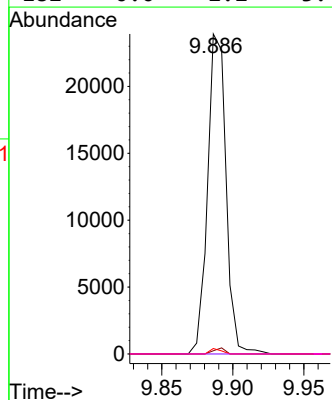
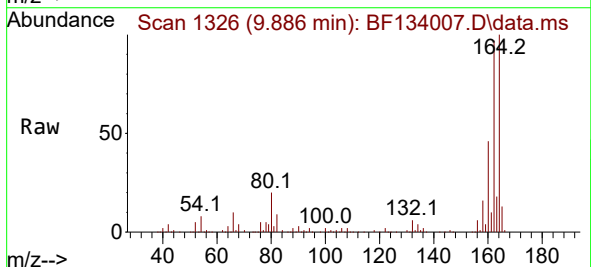
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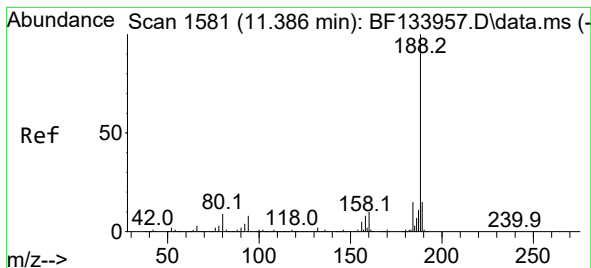
Tgt Ion:165 Resp: 21691
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.129 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Tgt Ion:165 Resp: 21691
Ion Ratio Lower Upper
165 100
63 1.0 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134007.D

Acq: 28 Jun 2023 01:37

Instrument :

BNA_F

ClientSampleId :

PB153608TB

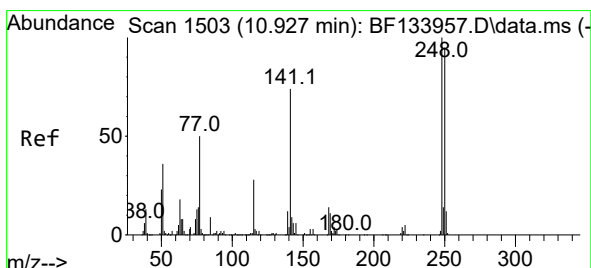
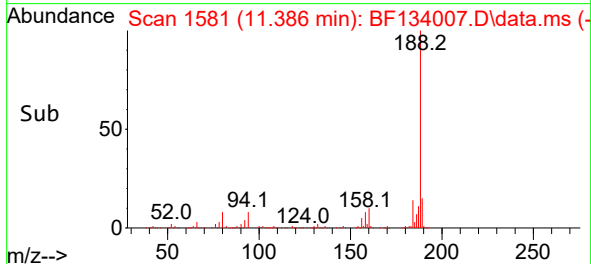
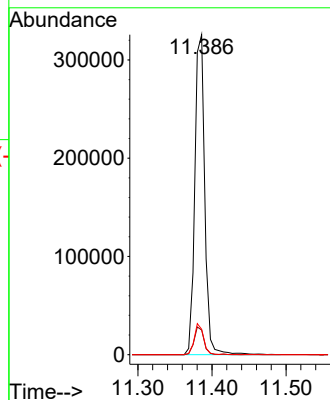
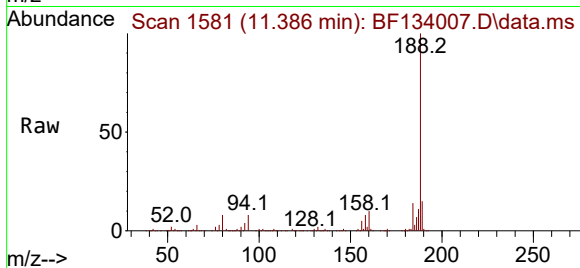
Tgt Ion:188 Resp: 303359

Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 7.9 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.613 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.241 min

Lab File: BF134007.D

Acq: 28 Jun 2023 01:37

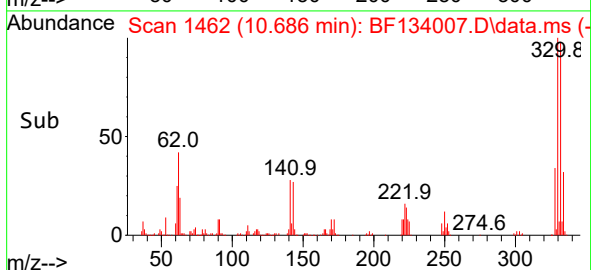
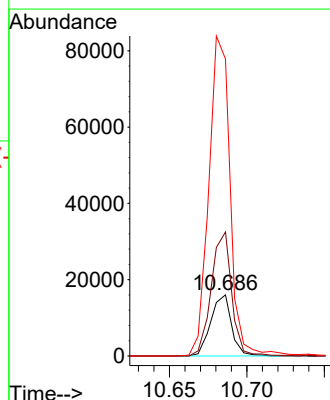
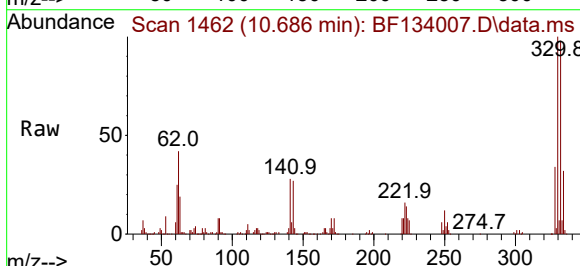
Tgt Ion:248 Resp: 14873

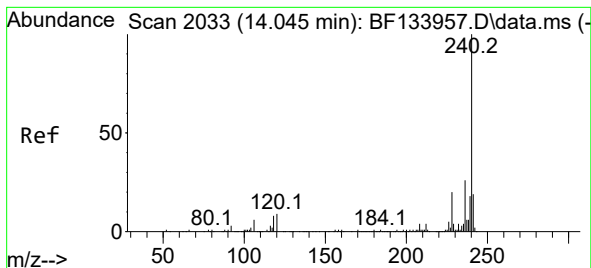
Ion Ratio Lower Upper

248 100

250 202.9 76.2 114.4#

141 485.7 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF134007.D

Acq: 28 Jun 2023 01:37

Instrument :

BNA_F

ClientSampleId :

PB153608TB

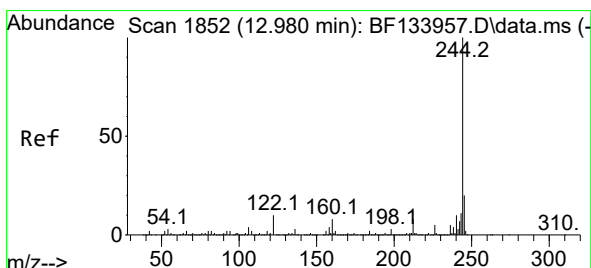
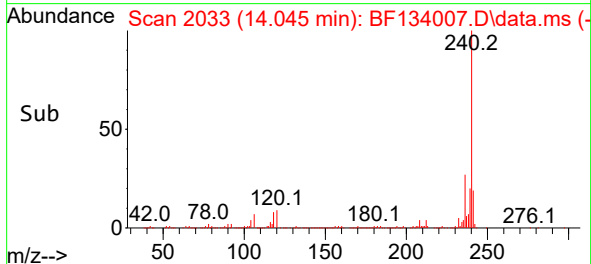
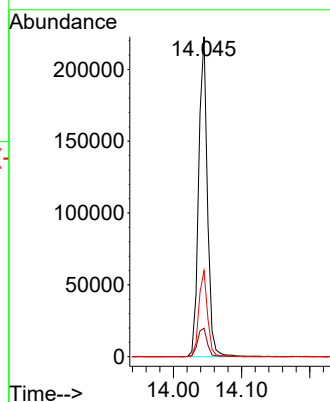
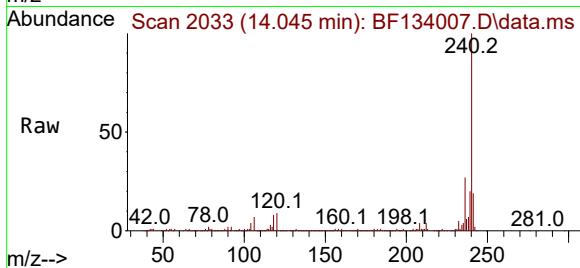
Tgt Ion:240 Resp: 198845

Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.0

236 26.9 21.0 31.6



#79

Terphenyl-d14

Concen: 100.160 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF134007.D

Acq: 28 Jun 2023 01:37

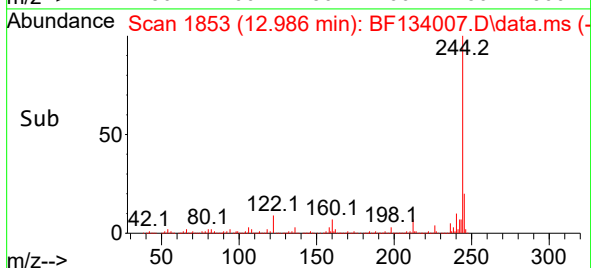
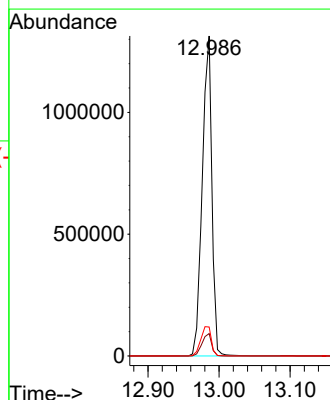
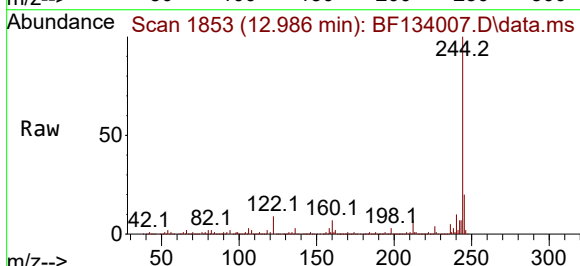
Tgt Ion:244 Resp: 1237490

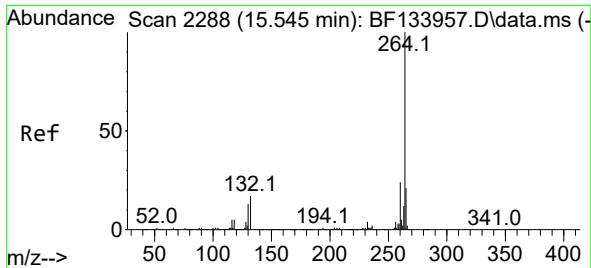
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.1 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Instrument :
BNA_F
ClientSampleId :
PB153608TB

Tgt Ion:264 Resp: 149936
Ion Ratio Lower Upper
264 100
260 25.2 19.5 29.3
265 22.6 16.6 25.0

