

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134009.D
 Acq On : 28 Jun 2023 02:41
 Operator : CG\JU
 Sample : 03357-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-03

Quant Time: Jun 28 03:12:28 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

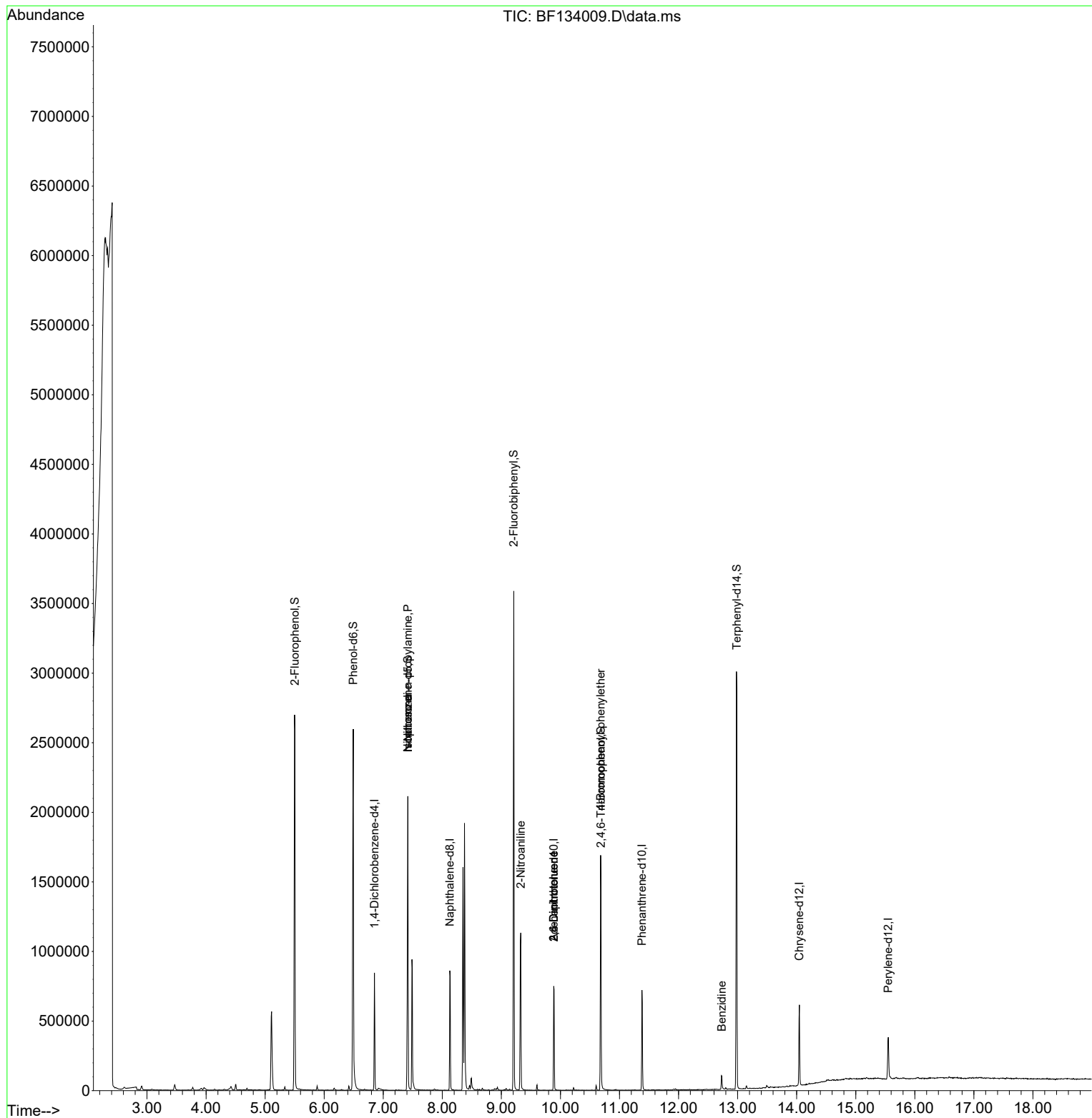
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	111380	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	381306	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	151745	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	272443	20.000	ng	0.00
76) Chrysene-d12	14.045	240	194803	20.000	ng	0.00
86) Perylene-d12	15.551	264	146004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	763447	114.659	ng	0.02
7) Phenol-d6	6.492	99	858669	104.862	ng	0.00
23) Nitrobenzene-d5	7.416	82	609009	86.096	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	210796	110.795	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	986011	94.471	ng	0.00
79) Terphenyl-d14	12.986	244	1117212	92.302	ng	0.00
Target Compounds						
9) Benzaldehyde	6.410	77	384	Below Cal	Qvalue	# 77
19) n-Nitroso-di-n-propyla...	7.416	70	84545	16.281	ng	# 77
25) Isophorone	7.416	82	609002	47.372	ng	# 64
48) 2-Nitroaniline	9.327	65	11769	3.626	ng	# 16
51) 2,6-Dinitrotoluene	9.886	165	19769	8.333	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	19769	6.310	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	12635	4.363	ng	# 1
77) Benzidine	12.733	184	44699	9.643	ng	99

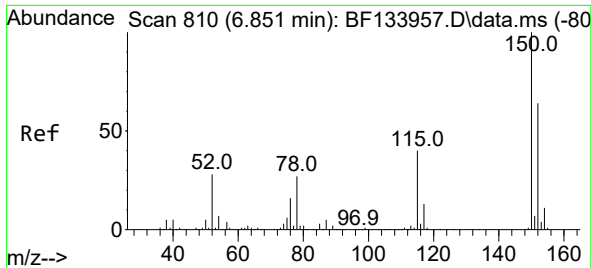
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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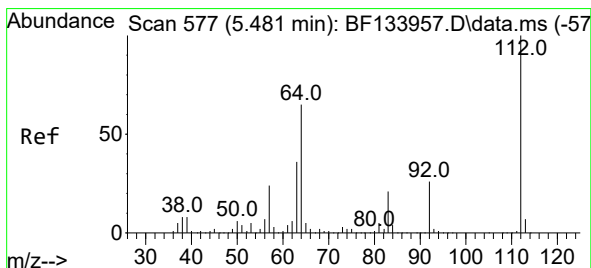
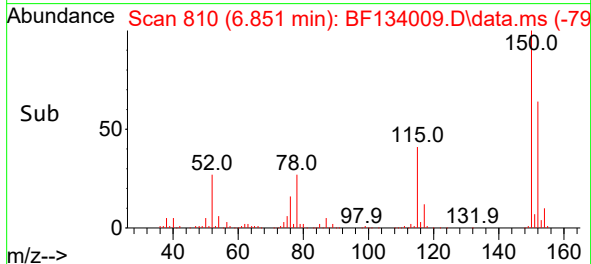
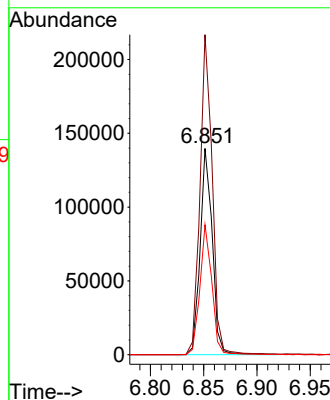
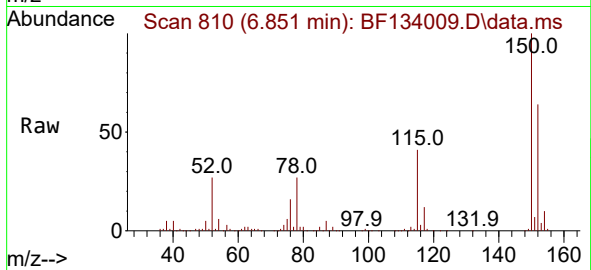




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

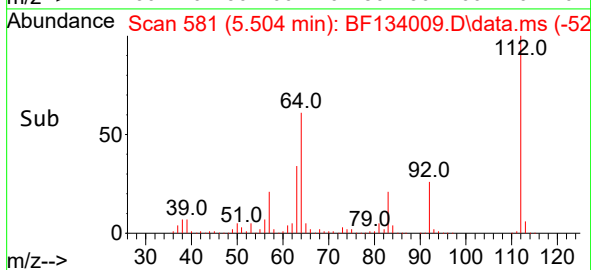
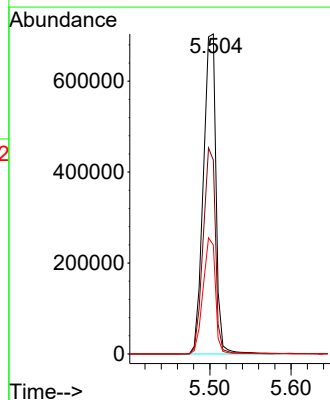
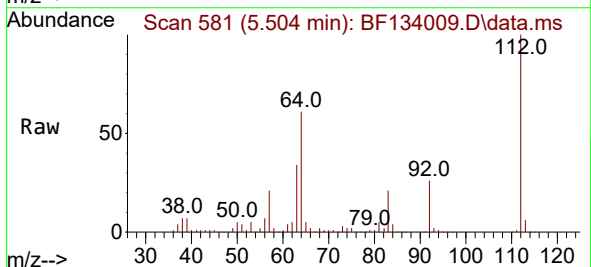
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-03

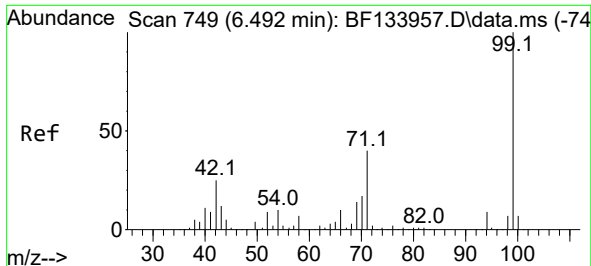
Tgt Ion:152 Resp: 111380
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 114.659 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion:112 Resp: 763447
Ion Ratio Lower Upper
112 100
64 60.6 52.1 78.1
63 34.0 28.6 42.8

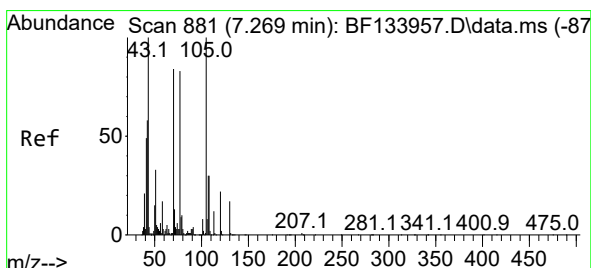
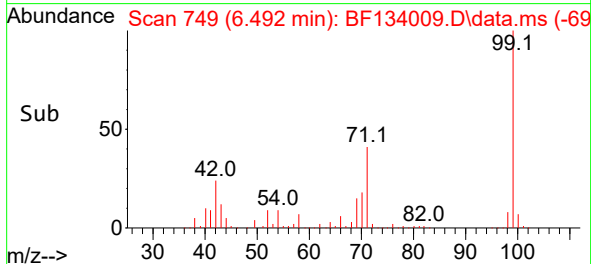
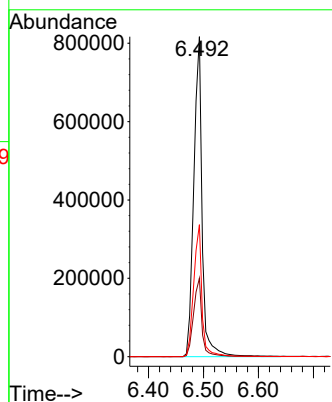
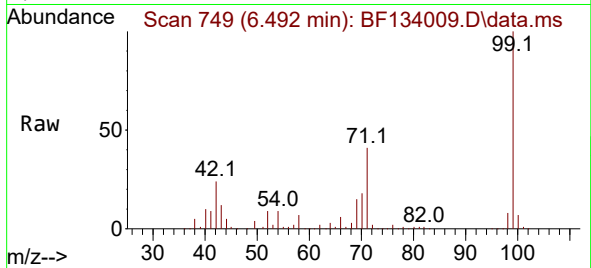




#7
Phenol-d6
Concen: 104.862 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

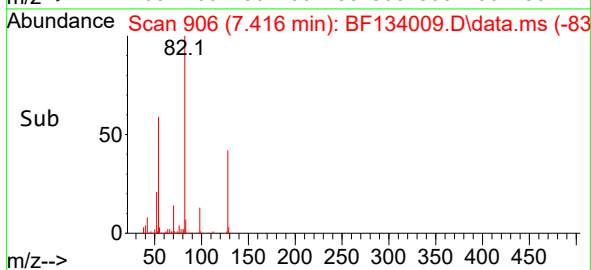
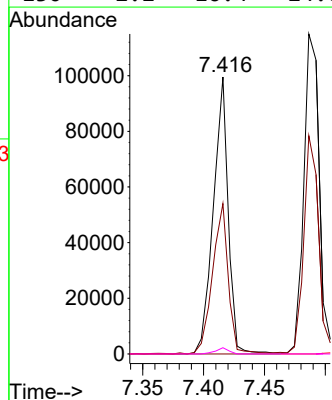
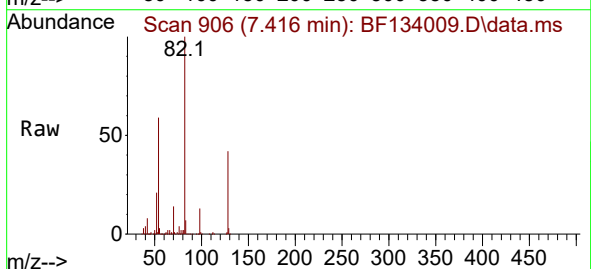
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-03

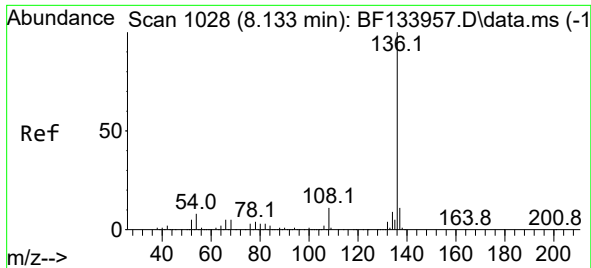
Tgt Ion: 99 Resp: 858669
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 41.3 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.281 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion: 70 Resp: 84545
Ion Ratio Lower Upper
70 100
42 54.3 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-03

Tgt Ion:136 Resp: 381306

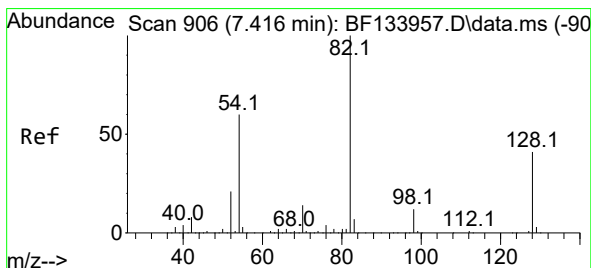
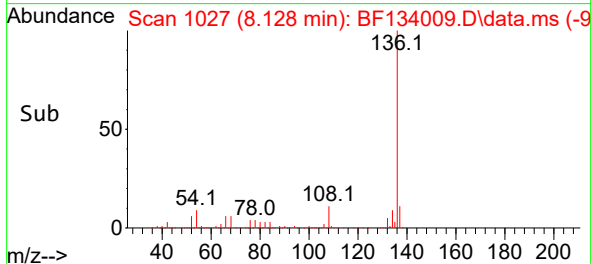
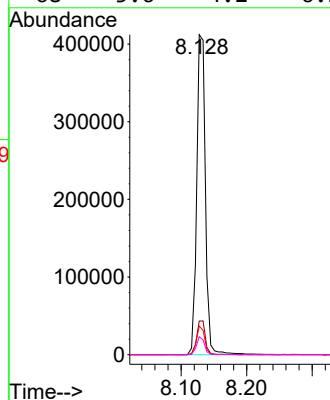
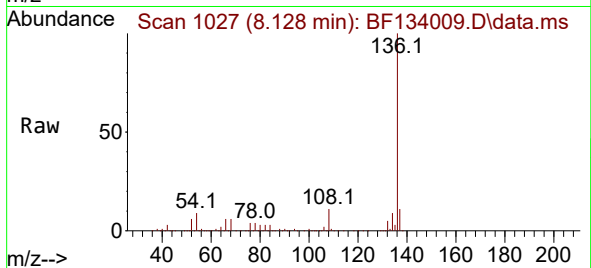
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.0 6.5 9.7

68 5.6 4.2 6.2



#23
Nitrobenzene-d5
Concen: 86.096 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

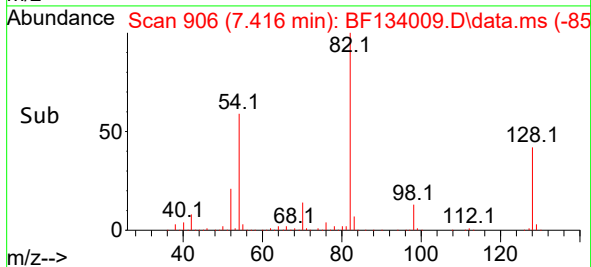
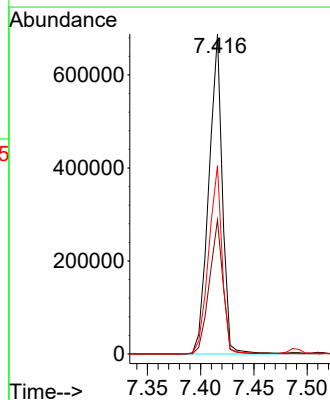
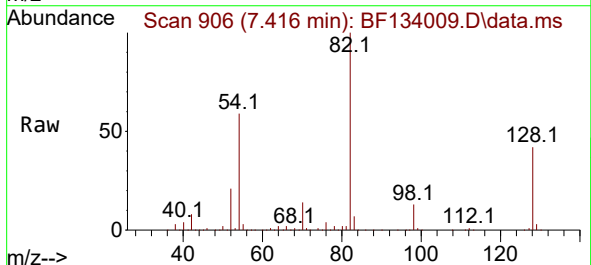
Tgt Ion: 82 Resp: 609009

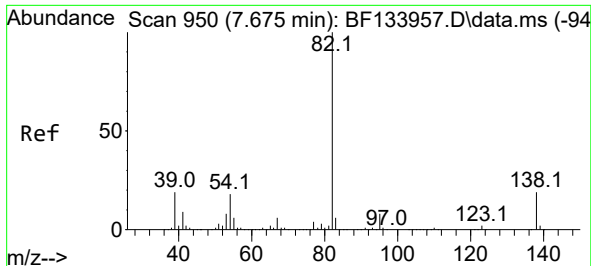
Ion Ratio Lower Upper

82 100

128 41.9 32.5 48.7

54 58.8 48.2 72.2

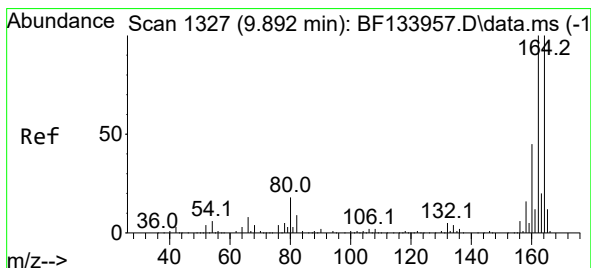
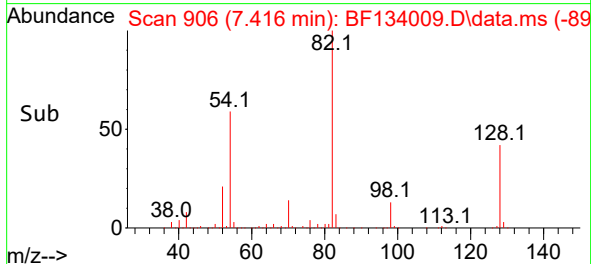
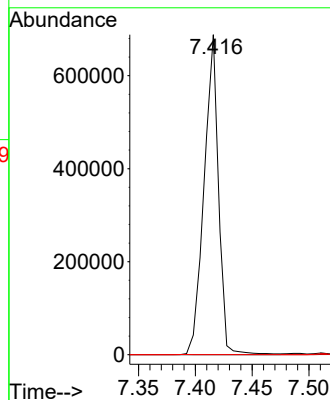
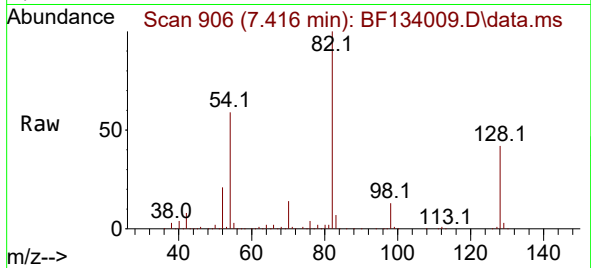




#25
Isophorone
Concen: 47.372 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

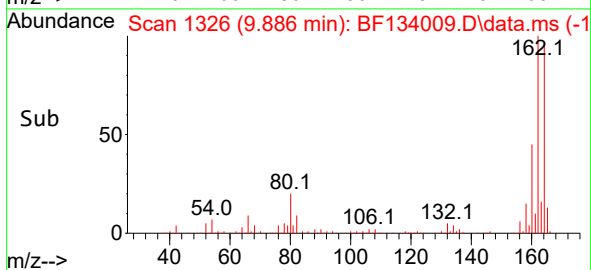
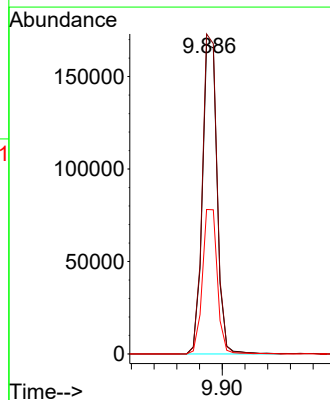
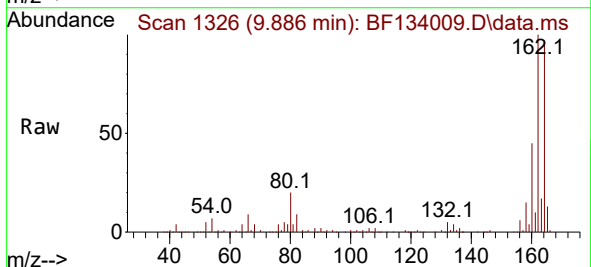
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-03

Tgt Ion: 82 Resp: 609002
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: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion: 164 Resp: 151745
Ion Ratio Lower Upper
164 100
162 103.5 80.0 120.0
160 46.7 35.9 53.9

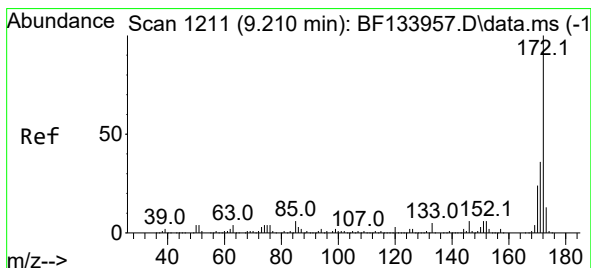
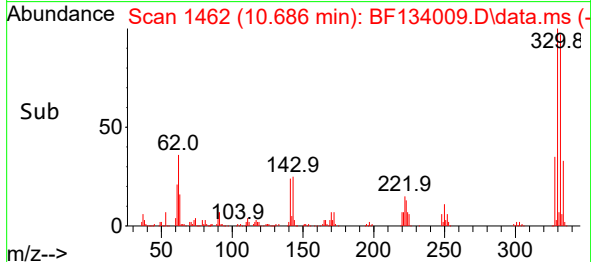
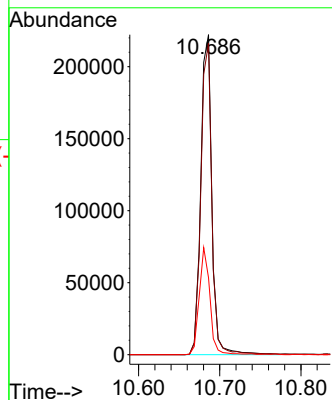
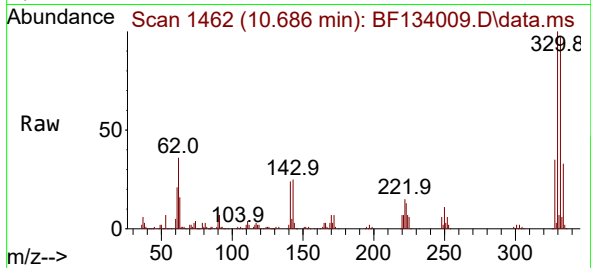




#42
2,4,6-Tribromophenol
Concen: 110.795 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

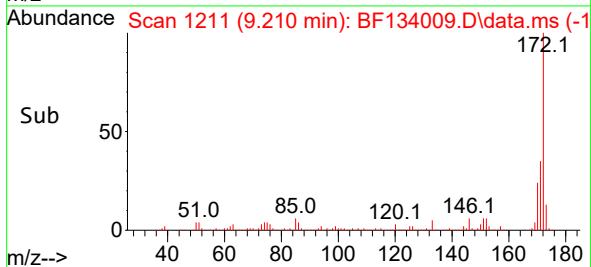
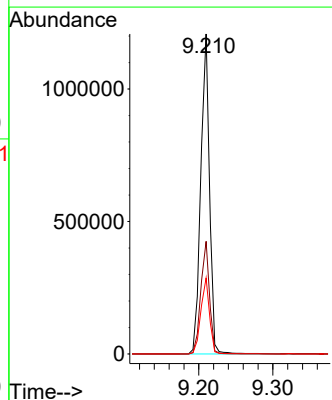
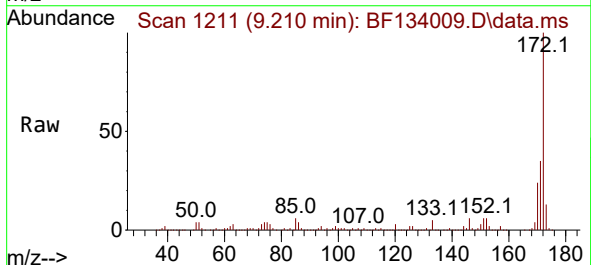
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WC-SCAN-03

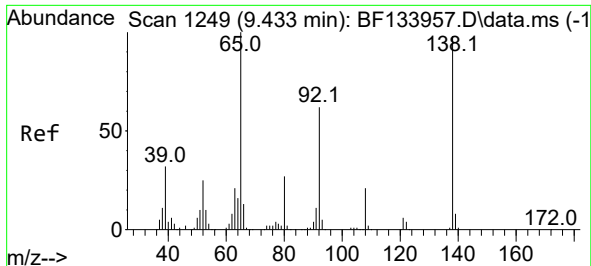
Tgt Ion: 330 Resp: 210796
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 32.5 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 94.471 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion: 172 Resp: 986011
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 19.4 29.0

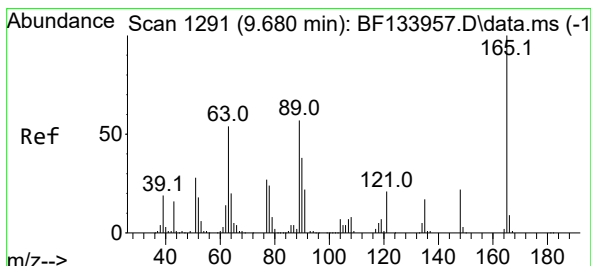
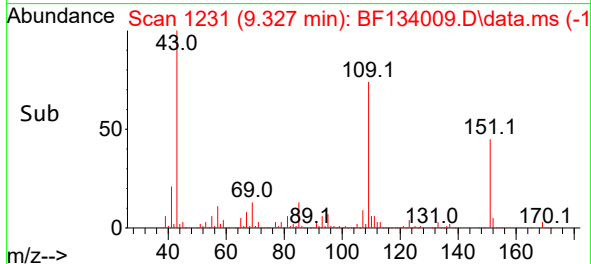
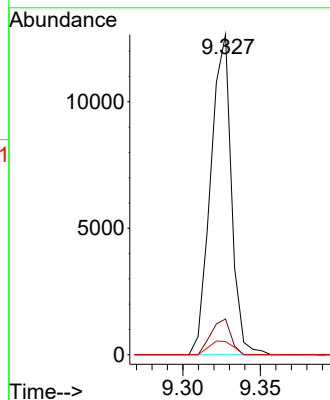
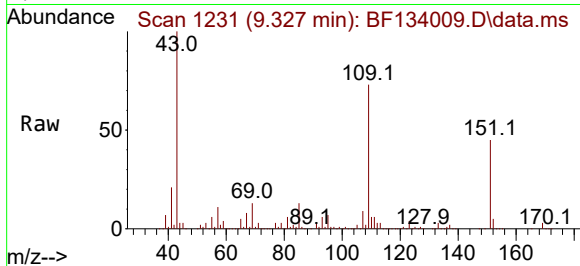




#48
2-Nitroaniline
Concen: 3.626 ng
RT: 9.327 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

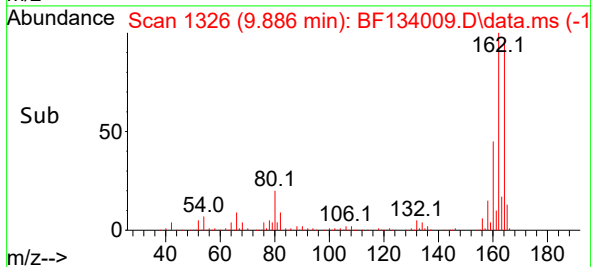
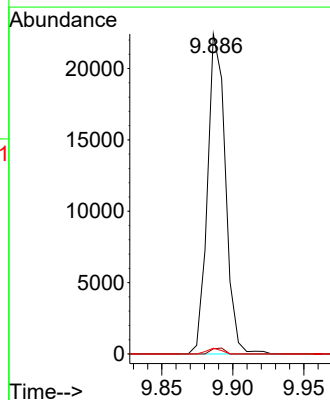
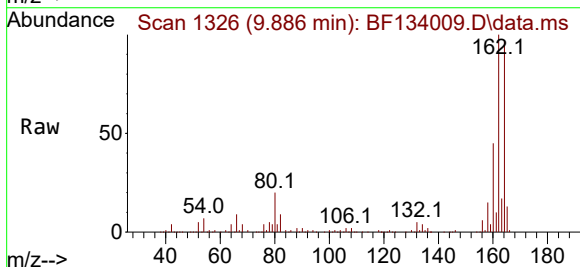
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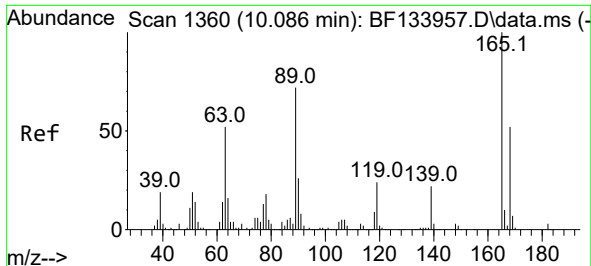
Tgt Ion: 65 Resp: 11769
Ion Ratio Lower Upper
65 100
92 11.1 49.5 74.3#
138 4.1 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.333 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion:165 Resp: 19769
Ion Ratio Lower Upper
165 100
63 1.6 48.5 72.7#
89 1.8 45.5 68.3#

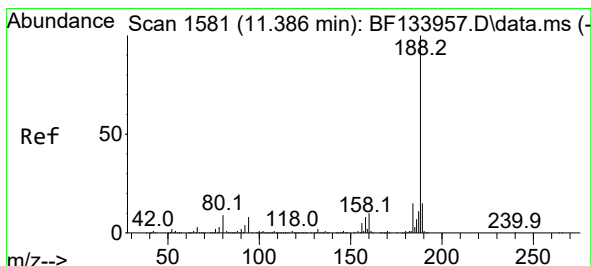
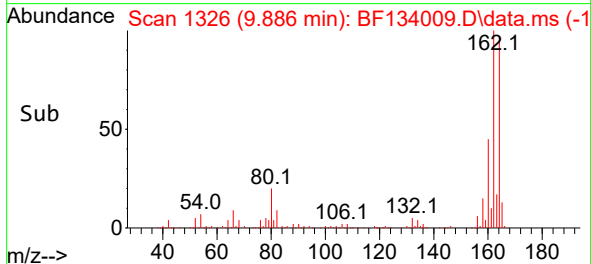
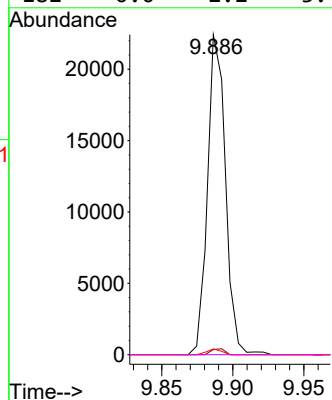
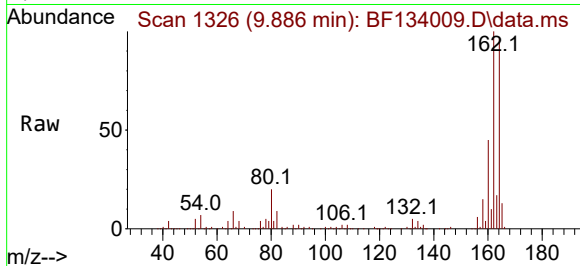




#57
2,4-Dinitrotoluene
Concen: 6.310 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

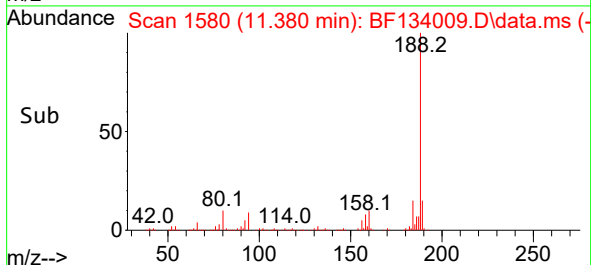
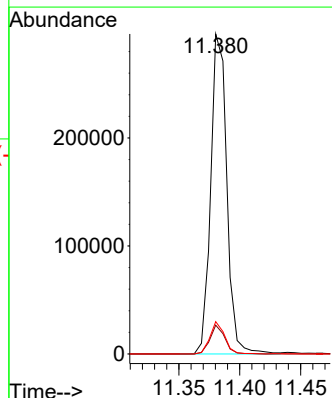
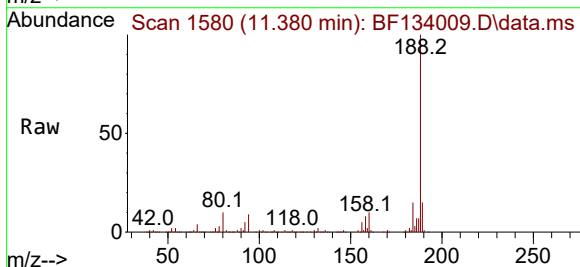
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-03

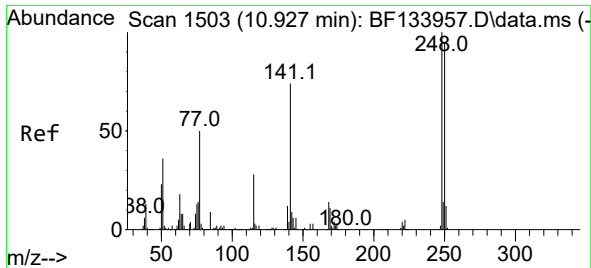
Tgt Ion:165 Resp: 19769
Ion Ratio Lower Upper
165 100
63 1.6 42.2 63.2#
89 1.8 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion:188 Resp: 272443
Ion Ratio Lower Upper
188 100
94 9.0 6.4 9.6
80 10.1 7.3 10.9

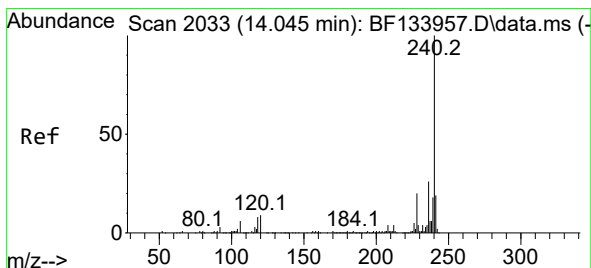
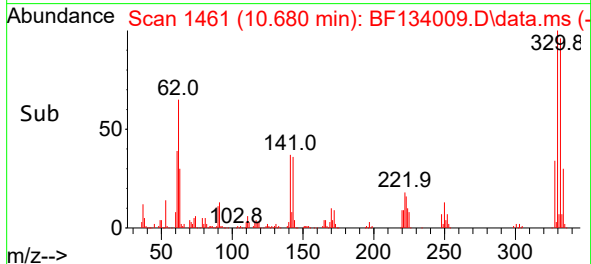
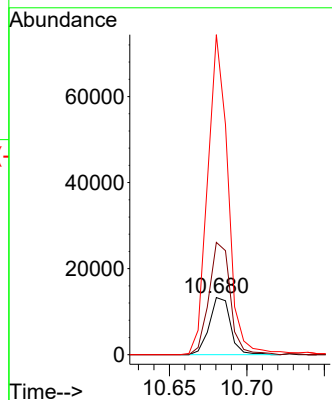
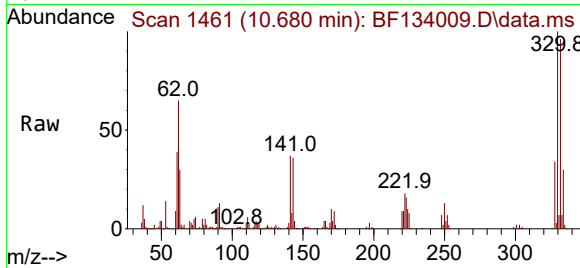




#67
4-Bromophenyl-phenylether
Concen: 4.363 ng
RT: 10.680 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

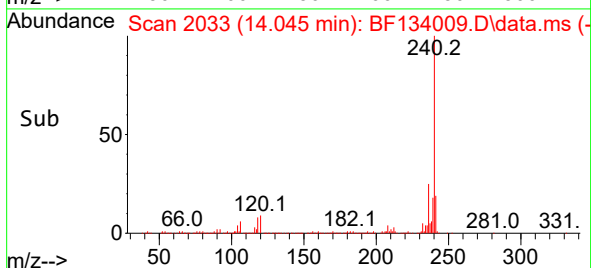
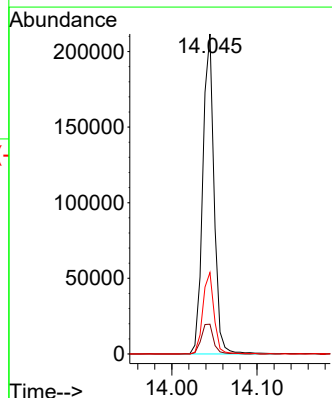
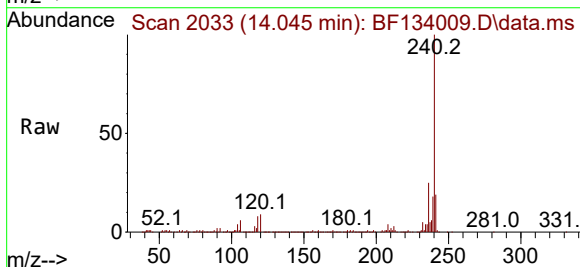
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-03

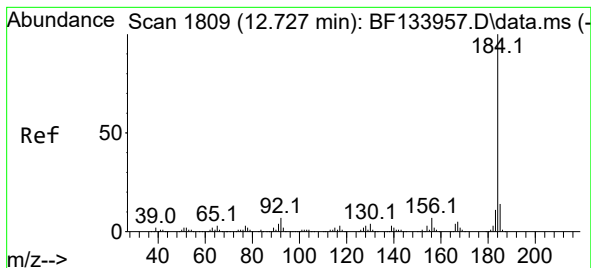
Tgt Ion:248 Resp: 12635
Ion Ratio Lower Upper
248 100
250 196.9 76.2 114.4#
141 560.8 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion:240 Resp: 194803
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.4 21.0 31.6





#77

Benzidine

Concen: 9.643 ng

RT: 12.733 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF134009.D

Acq: 28 Jun 2023 02:41

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-03

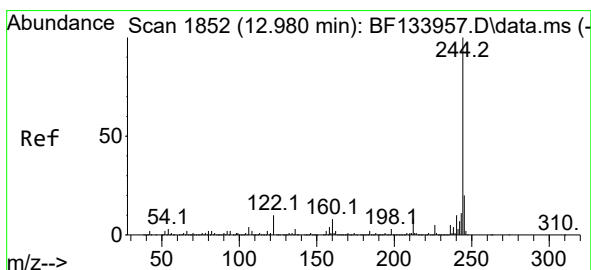
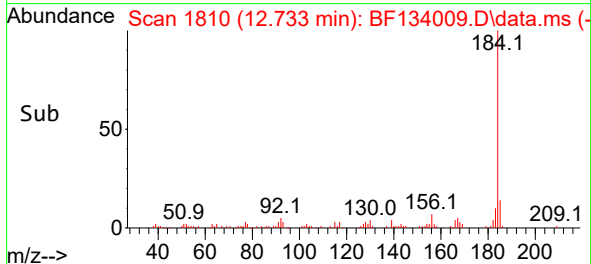
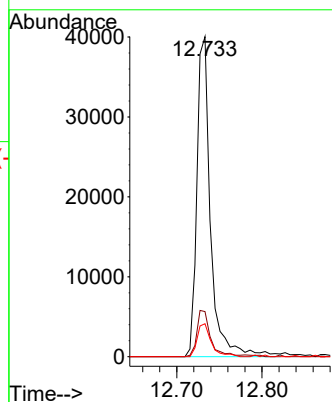
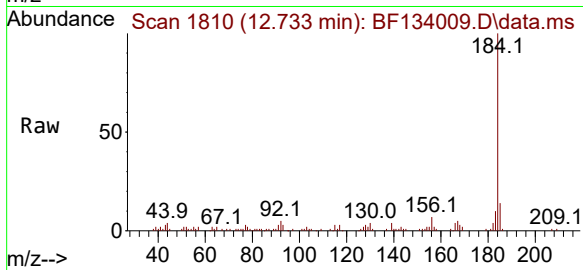
Tgt Ion:184 Resp: 44699

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 10.3 8.8 13.2



#79

Terphenyl-d14

Concen: 92.302 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF134009.D

Acq: 28 Jun 2023 02:41

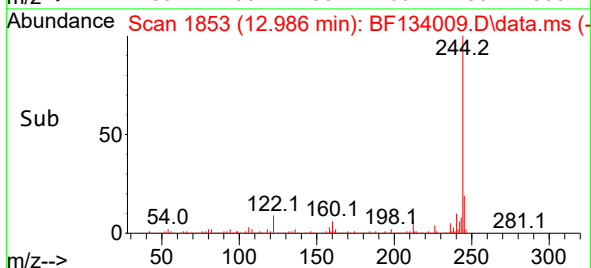
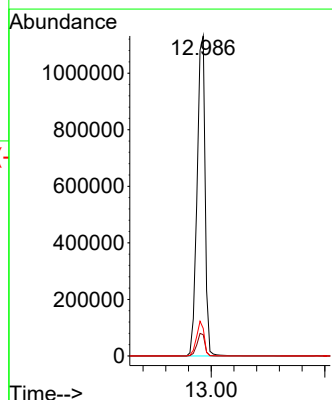
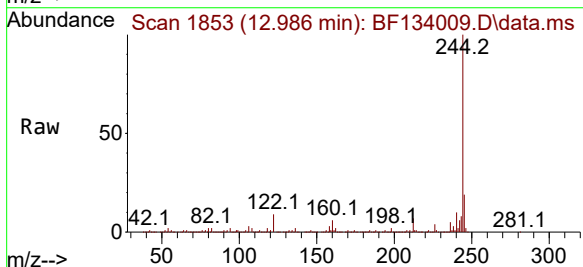
Tgt Ion:244 Resp: 1117212

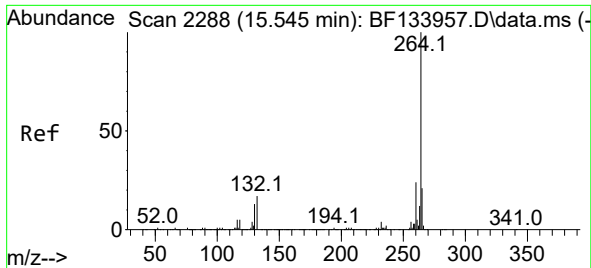
Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 8.6 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: BF134009.D
Acq: 28 Jun 2023 02:41

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-03

Tgt Ion:264 Resp: 146004

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.7	16.6	25.0

