

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134008.D
 Acq On : 28 Jun 2023 02:09
 Operator : CG\JU
 Sample : 03357-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-02

Quant Time: Jun 28 02:31:07 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)

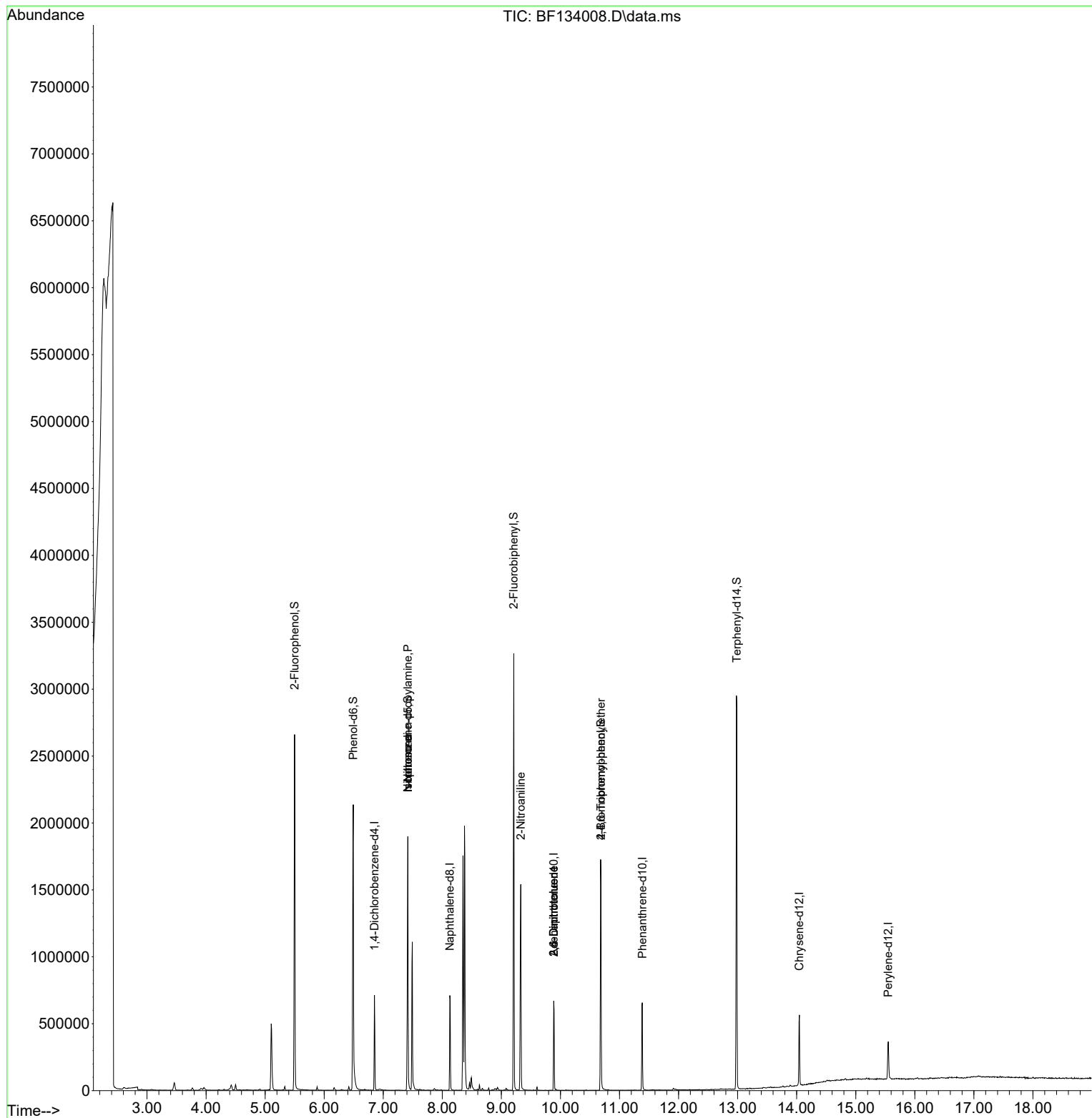
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	92470	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	310576	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	131986	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	255314	20.000	ng	0.00
76) Chrysene-d12	14.045	240	180247	20.000	ng	0.00
86) Perylene-d12	15.551	264	139533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	677018	122.472	ng	0.02
7) Phenol-d6	6.492	99	725819	106.765	ng	0.00
23) Nitrobenzene-d5	7.416	82	536595	93.135	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	214745	129.768	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	883836	97.359	ng	0.00
79) Terphenyl-d14	12.986	244	1110105	99.121	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	1556	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.416	70	75434	17.497	ng	# 79
25) Isophorone	7.416	82	536589	51.245	ng	# 64
48) 2-Nitroaniline	9.328	65	14944	5.293	ng	# 17
51) 2,6-Dinitrotoluene	9.886	165	15966	7.737	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	15966	5.859	ng	# 22
67) 4-Bromophenyl-phenylether	10.686	248	13619	5.019	ng	# 1

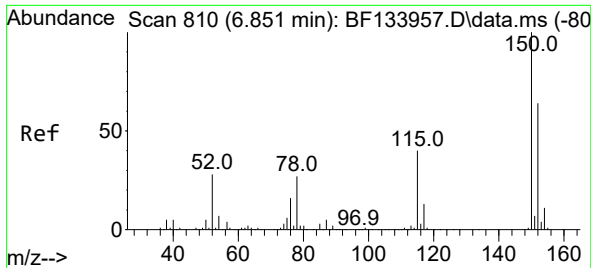
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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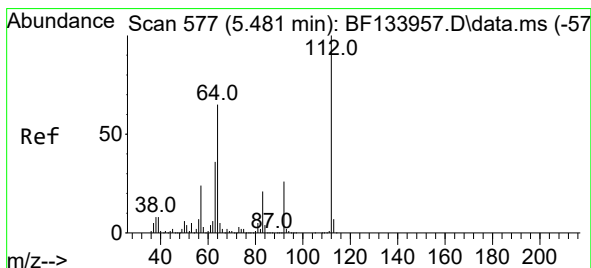
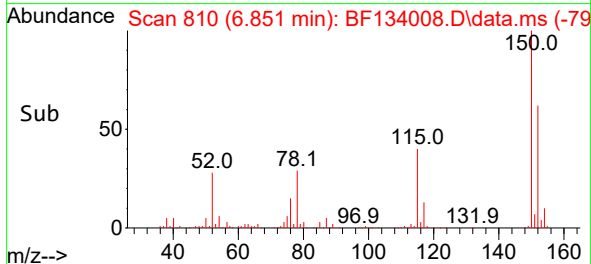
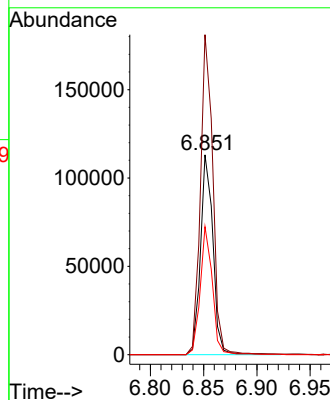
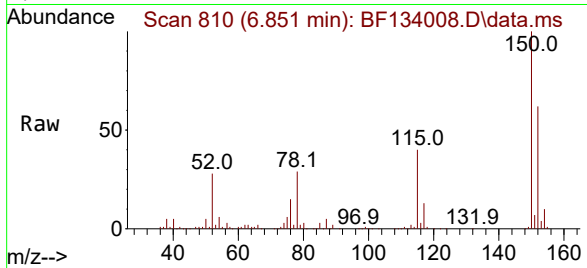




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

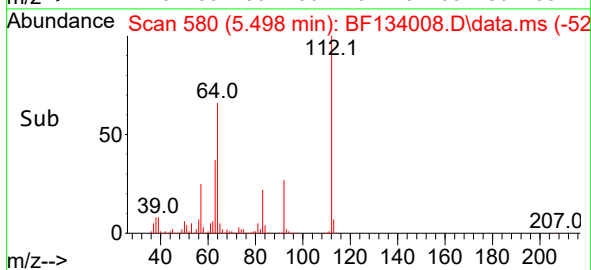
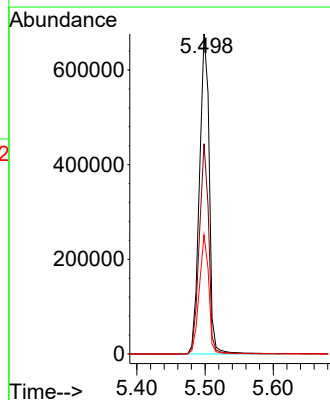
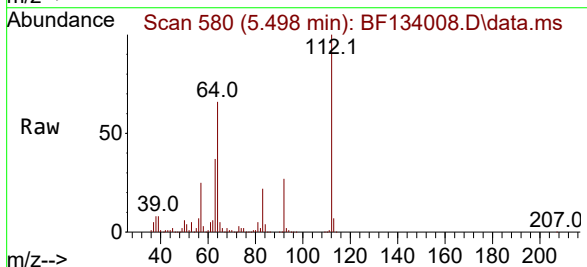
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-02

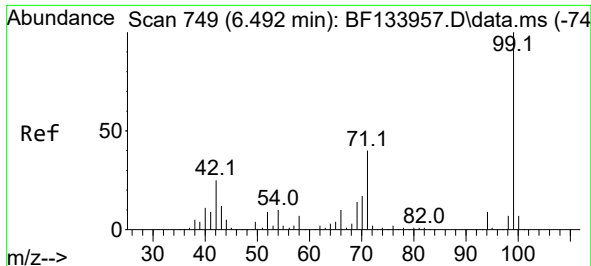
Tgt Ion:152 Resp: 92470
Ion Ratio Lower Upper
152 100
150 160.1 124.5 186.7
115 64.1 50.2 75.2



#5
2-Fluorophenol
Concen: 122.472 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

Tgt Ion:112 Resp: 677018
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 37.2 28.6 42.8

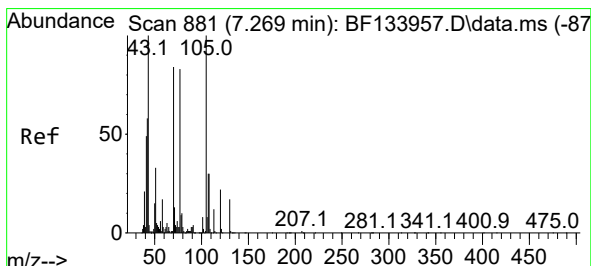
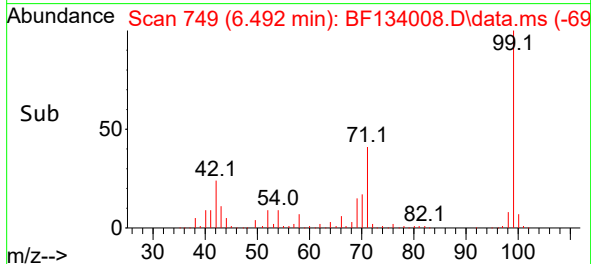
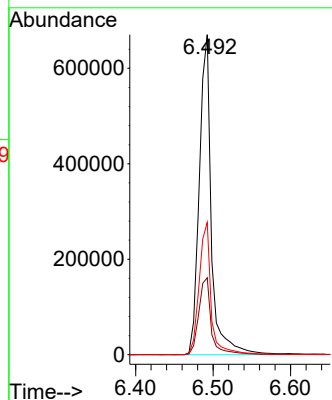
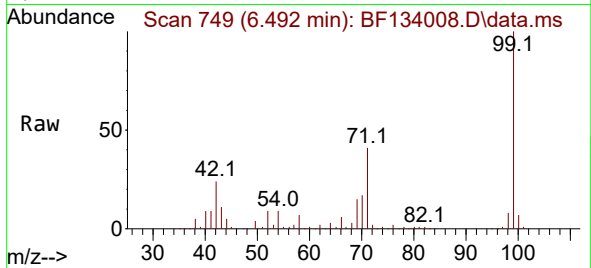




#7
Phenol-d6
Concen: 106.765 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

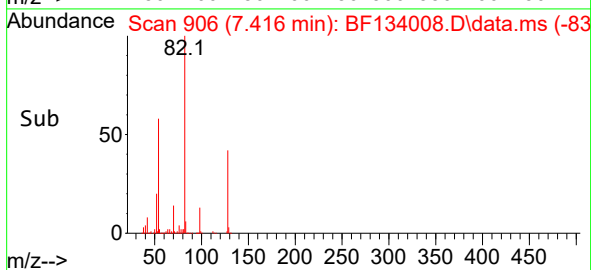
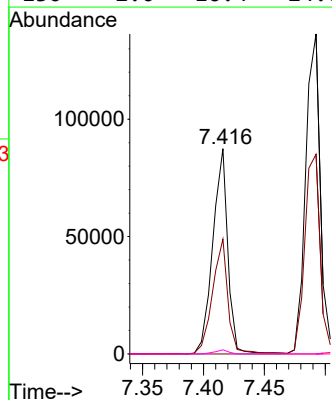
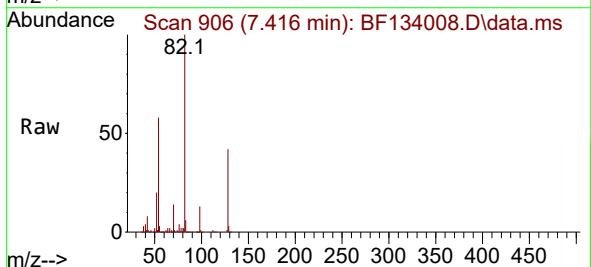
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-02

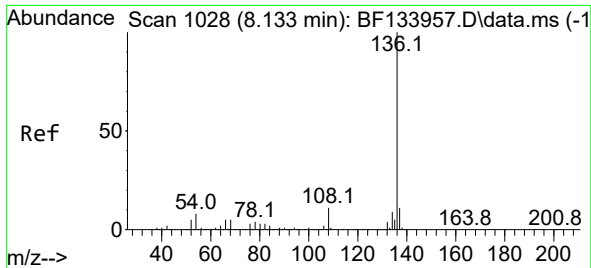
Tgt Ion: 99 Resp: 725819
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 41.3 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.497 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

Tgt Ion: 70 Resp: 75434
Ion Ratio Lower Upper
70 100
42 56.0 54.7 82.1
101 0.0 7.7 11.5#
130 2.0 16.4 24.6#



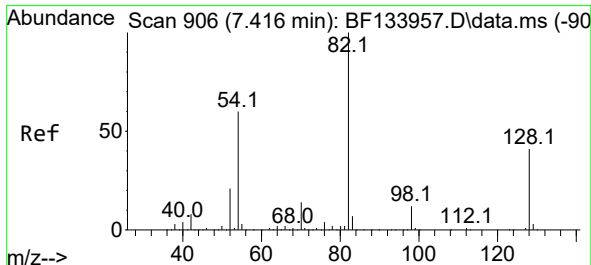
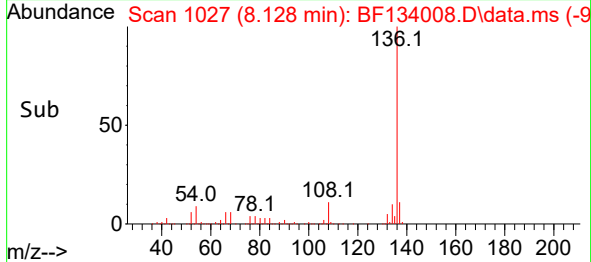
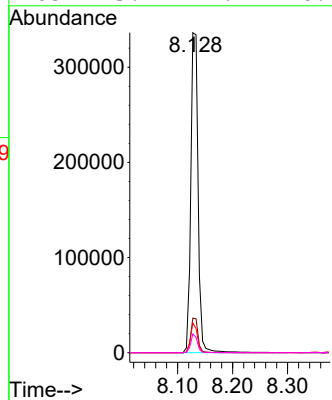
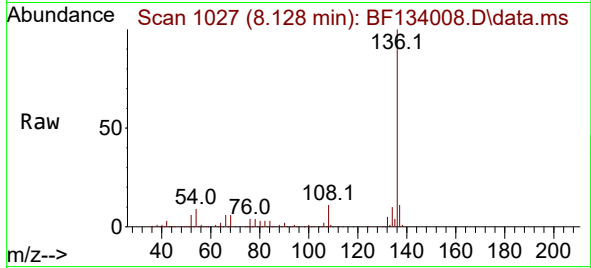


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-02

Tgt Ion:136 Resp: 310576

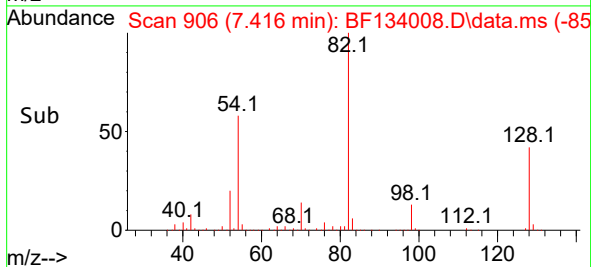
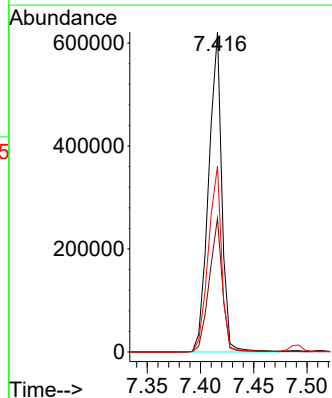
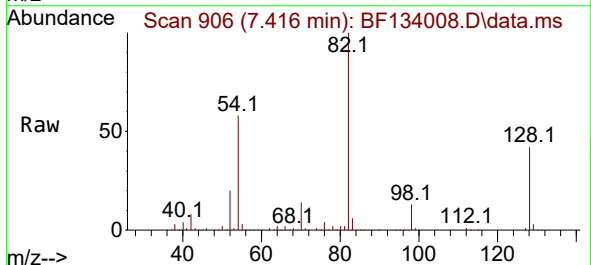
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.2	6.5	9.7
68	5.9	4.2	6.2



#23
Nitrobenzene-d5
Concen: 93.135 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

Tgt Ion: 82 Resp: 536595

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.5	48.7
54	58.1	48.2	72.2

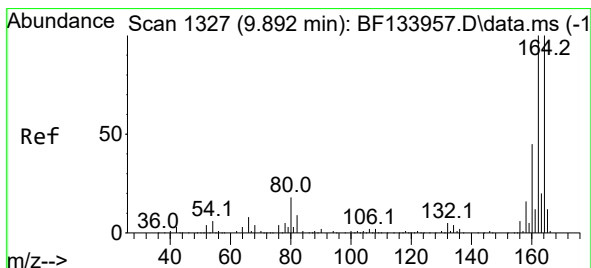
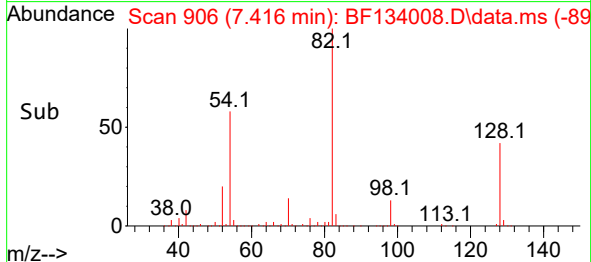
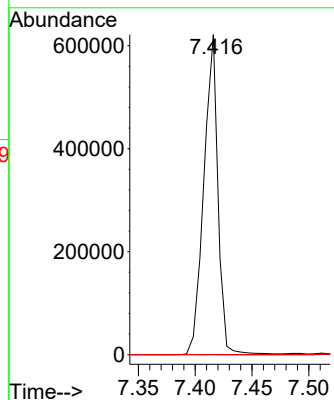
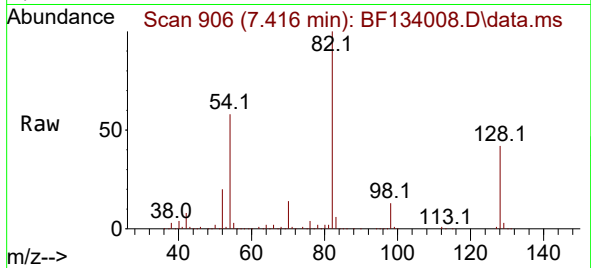




#25
Isophorone
Concen: 51.245 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

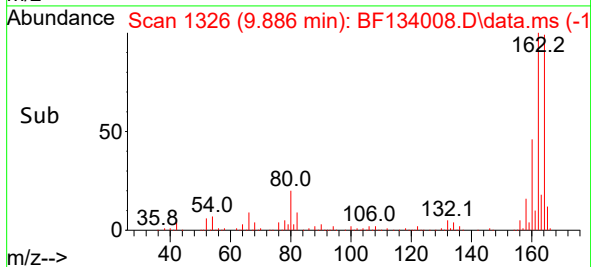
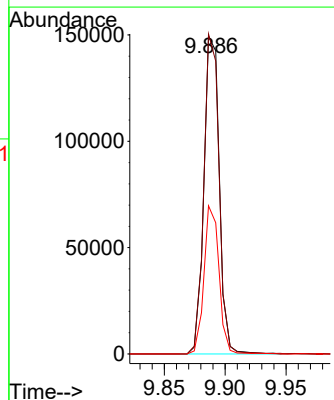
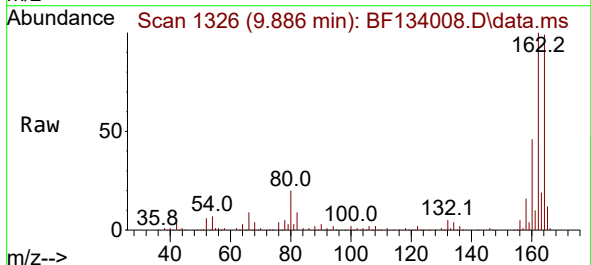
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-02

Tgt Ion: 82 Resp: 536589
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: BF134008.D
Acq: 28 Jun 2023 02:09

Tgt Ion:164 Resp: 131986
Ion Ratio Lower Upper
164 100
162 100.6 80.0 120.0
160 46.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 129.768 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF134008.D

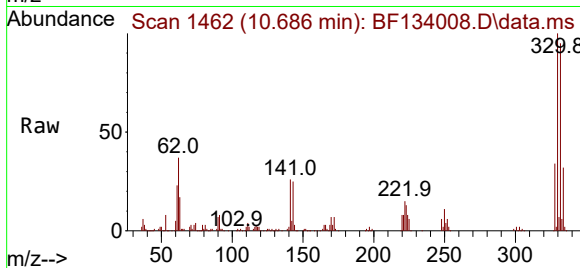
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Instrument :

BNA_F

ClientSampleId :

WC-SCAN-02



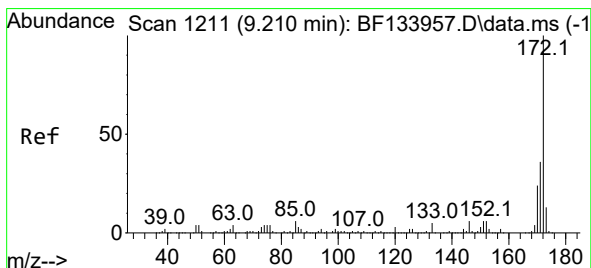
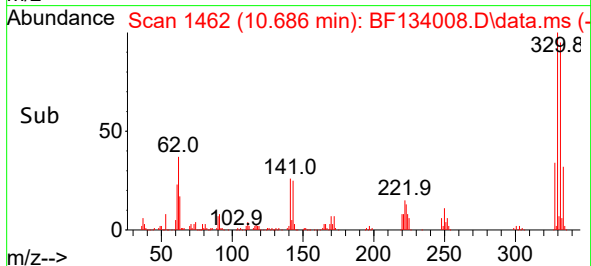
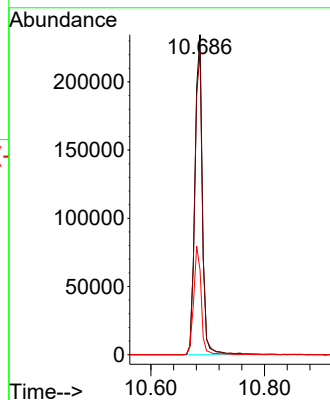
Tgt Ion:330 Resp: 214745

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

141 33.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 97.359 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134008.D

Acq: 28 Jun 2023 02:09

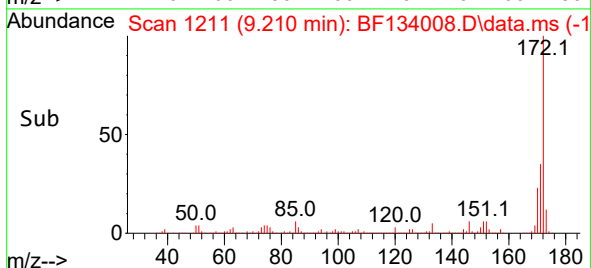
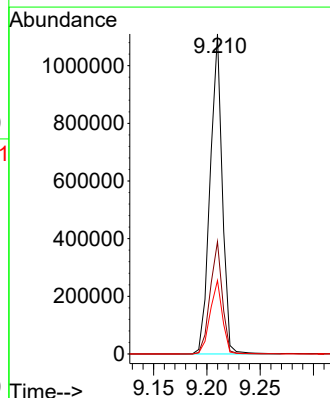
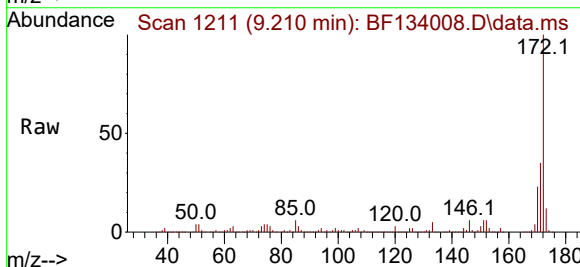
Tgt Ion:172 Resp: 883836

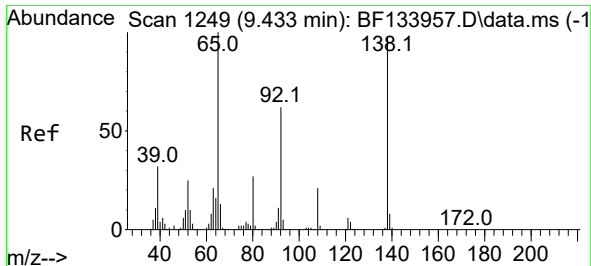
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.0 19.4 29.0

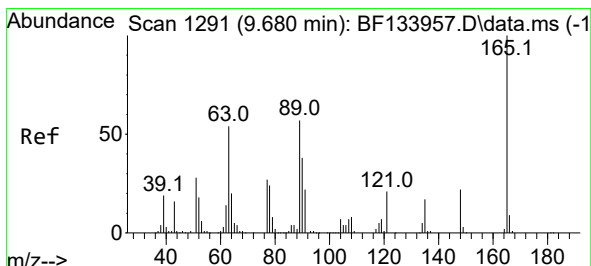
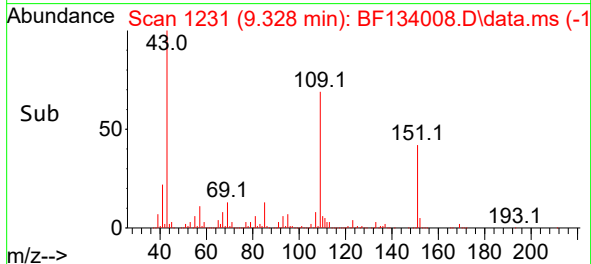
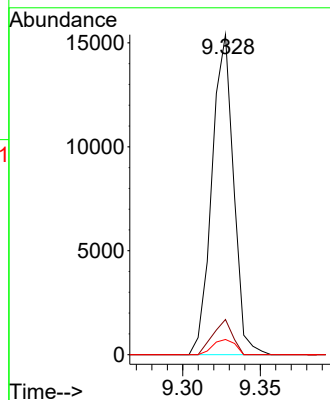
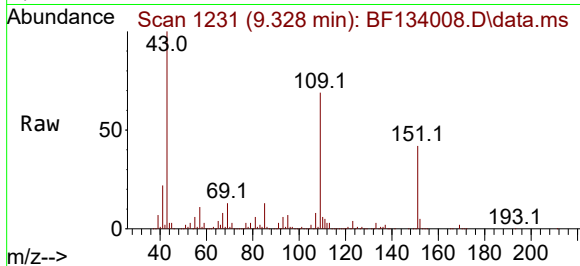




#48
2-Nitroaniline
Concen: 5.293 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.105 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

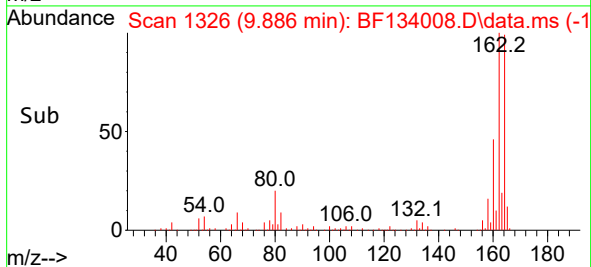
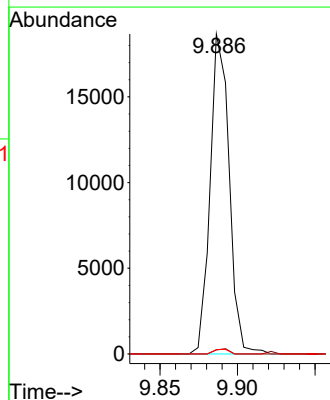
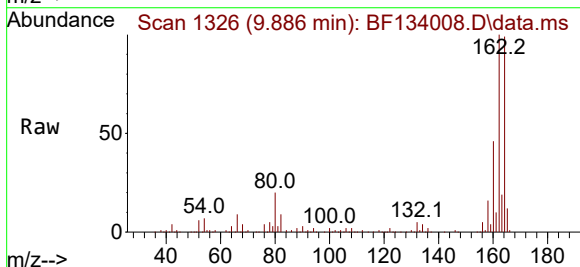
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-02

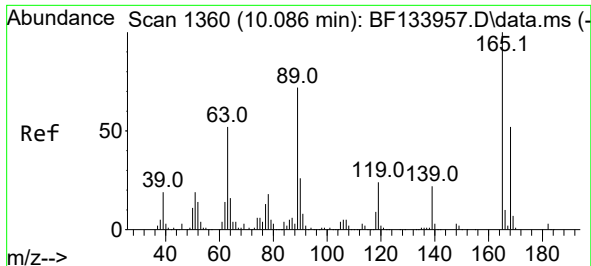
Tgt Ion: 65 Resp: 14944
Ion Ratio Lower Upper
65 100
92 11.0 49.5 74.3#
138 4.8 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 7.737 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

Tgt Ion: 165 Resp: 15966
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.4 45.5 68.3#

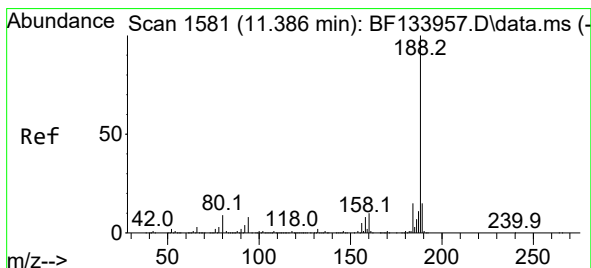
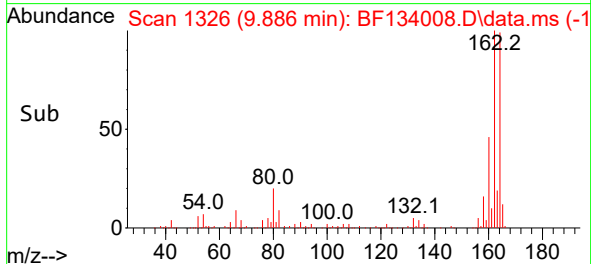
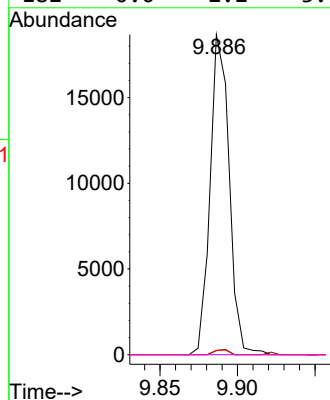
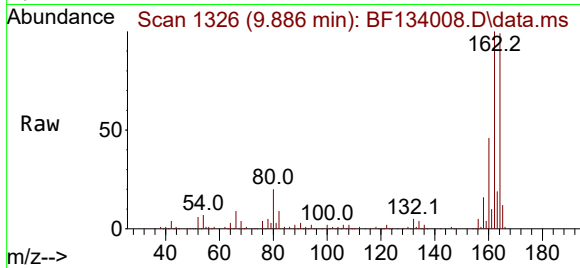




#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

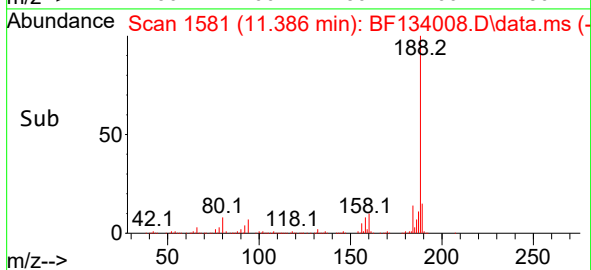
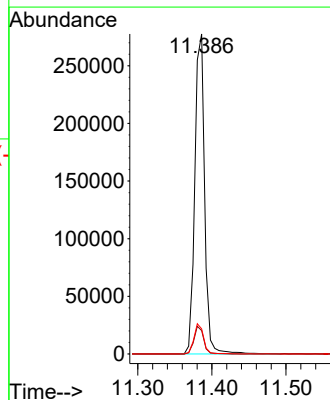
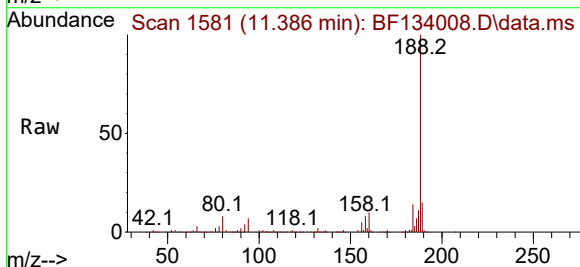
Instrument :
BNA_F
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WC-SCAN-02

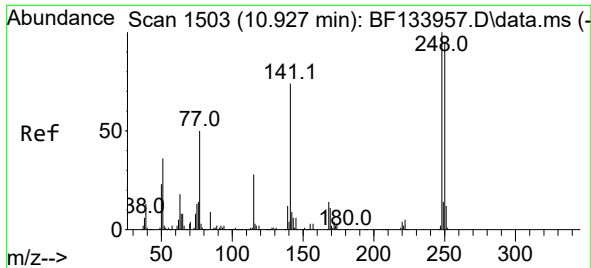
Tgt Ion:165 Resp: 15966
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.4 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

Tgt Ion:188 Resp: 255314
Ion Ratio Lower Upper
188 100
94 7.3 6.4 9.6
80 7.8 7.3 10.9

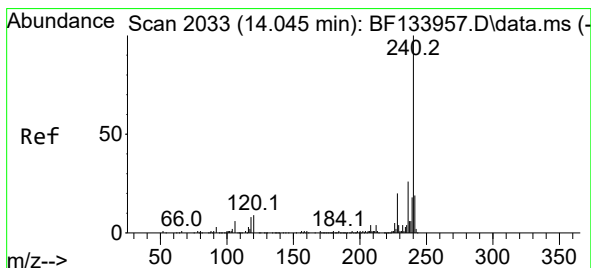
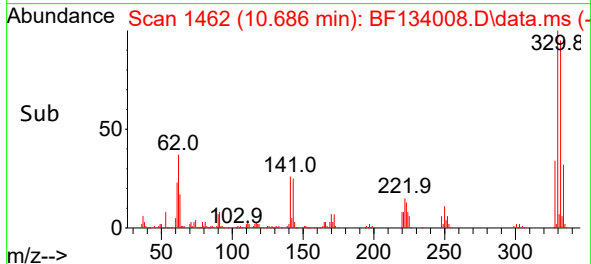
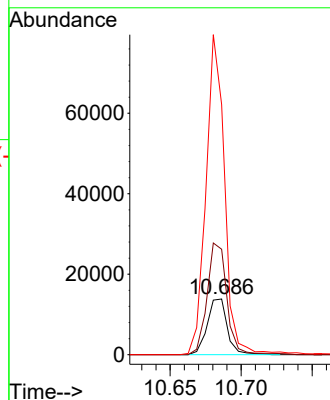
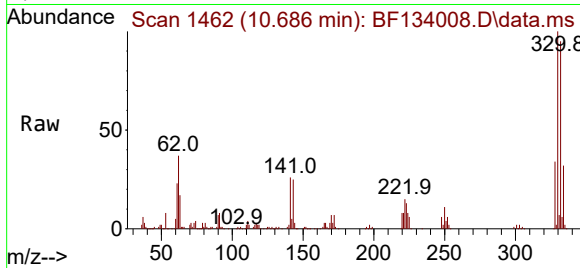




#67
4-Bromophenyl-phenylether
Concen: 5.019 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.241 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

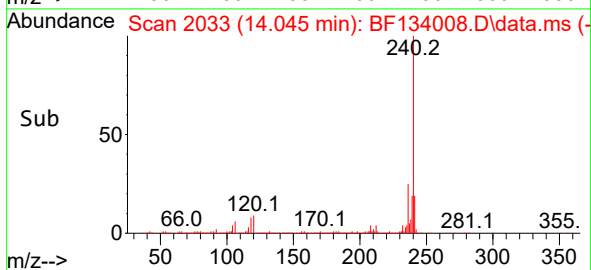
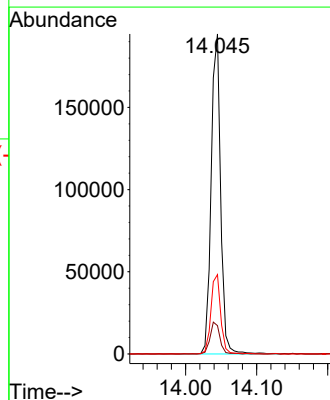
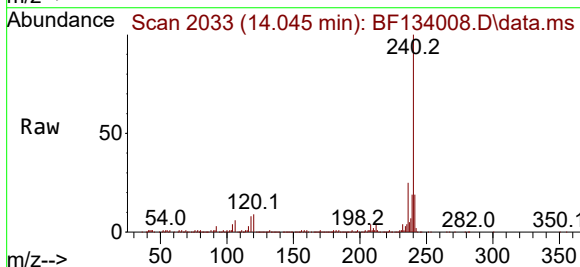
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-02

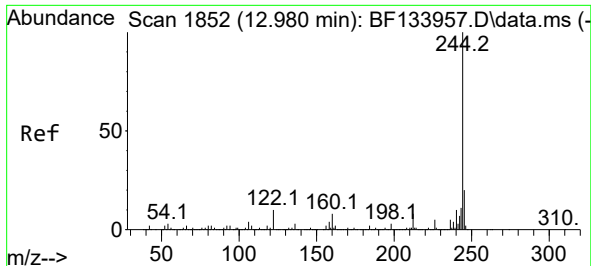
Tgt Ion:248 Resp: 13619
Ion Ratio Lower Upper
248 100
250 189.3 76.2 114.4#
141 448.4 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134008.D
Acq: 28 Jun 2023 02:09

Tgt Ion:240 Resp: 180247
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 24.8 21.0 31.6

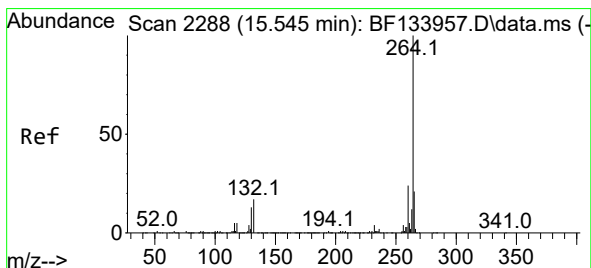
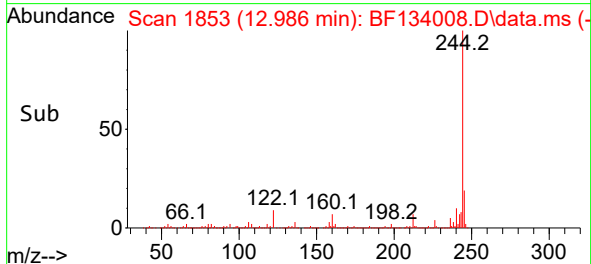
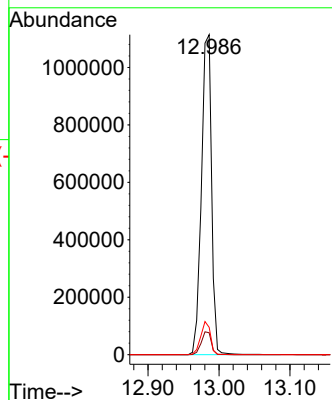
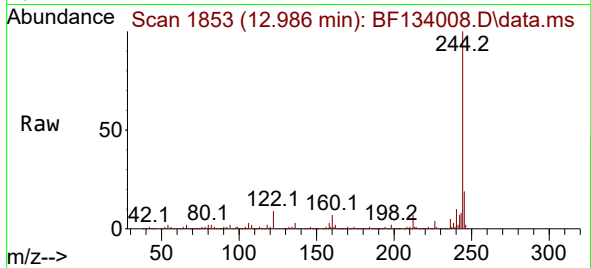




#79
 Terphenyl-d14
 Concen: 99.121 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134008.D
 Acq: 28 Jun 2023 02:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-02

Tgt Ion:244 Resp: 1110105
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF134008.D
 Acq: 28 Jun 2023 02:09

Tgt Ion:264 Resp: 139533
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.9 16.6 25.0

