

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134011.D
 Acq On : 28 Jun 2023 03:45
 Operator : CG\JU
 Sample : 03357-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-04

Quant Time: Jun 28 04:20:03 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

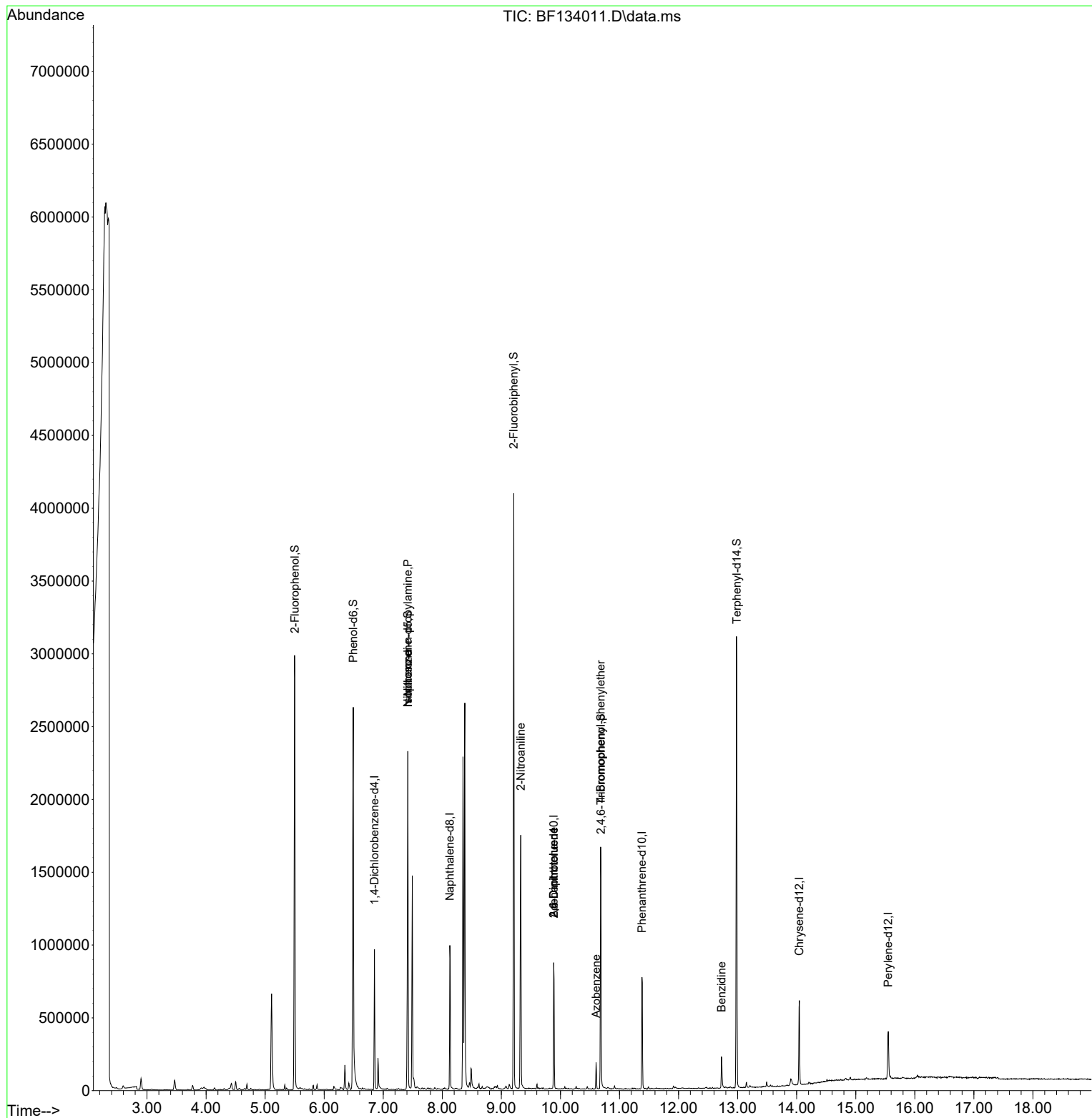
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	122695	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	418280	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	169478	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	296405	20.000	ng	0.00
76) Chrysene-d12	14.045	240	201322	20.000	ng	0.00
86) Perylene-d12	15.551	264	156736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	854430	116.489	ng	0.02
7) Phenol-d6	6.492	99	950530	105.375	ng	0.00
23) Nitrobenzene-d5	7.416	82	691101	89.065	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	207130	97.477	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1112143	95.407	ng	0.00
79) Terphenyl-d14	12.986	244	1158627	92.624	ng	0.00
Target Compounds						
9) Benzaldehyde	6.410	77	862	Below Cal	Qvalue	# 58
19) n-Nitroso-di-n-propyla...	7.416	70	97409	17.028	ng	# 78
25) Isophorone	7.416	82	691094	49.006	ng	# 64
48) 2-Nitroaniline	9.327	65	17597	4.854	ng	# 16
51) 2,6-Dinitrotoluene	9.886	165	21414	8.082	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	21414	6.119	ng	# 22
63) Azobenzene	10.604	77	29880	2.465	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	13102	4.159	ng	# 1
77) Benzidine	12.727	184	93348	19.487	ng	99

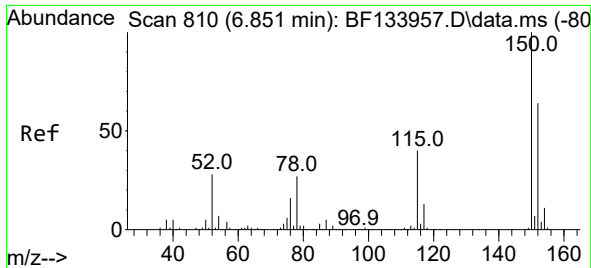
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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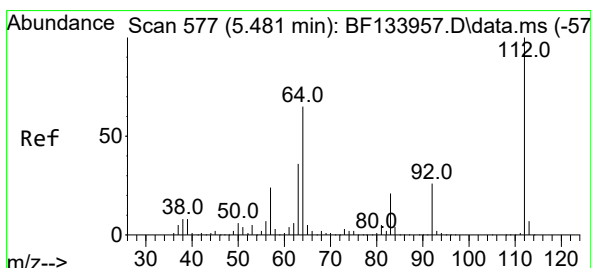
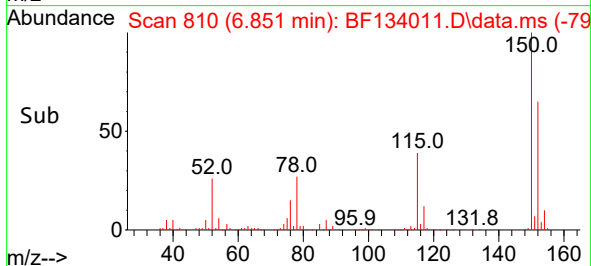
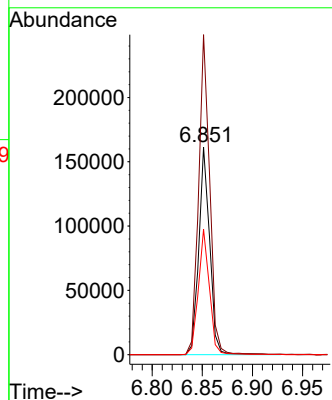
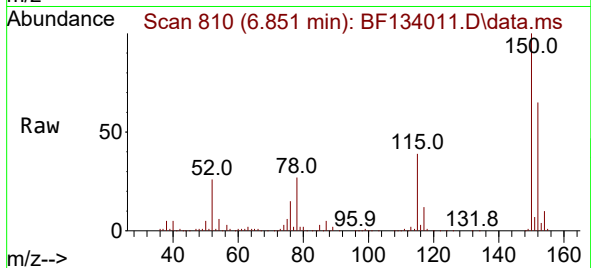




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

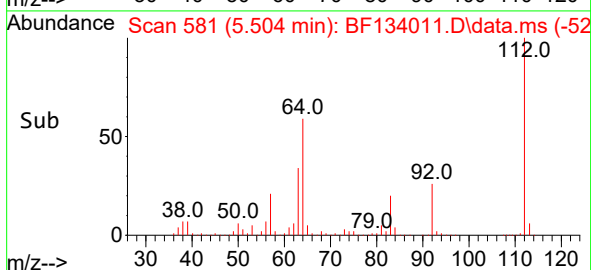
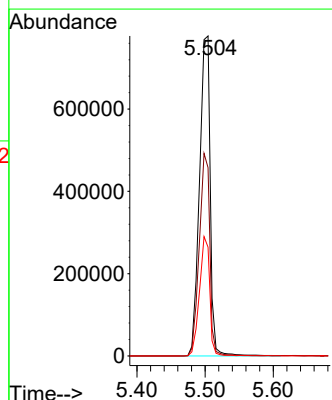
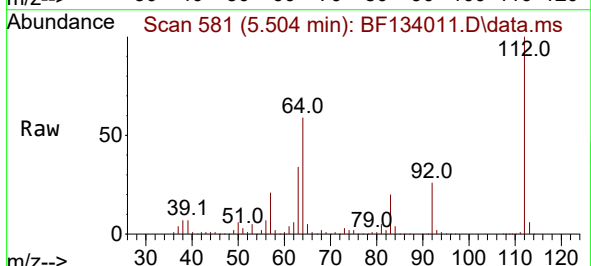
Instrument :
BNA_F
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WC-SCAN-04

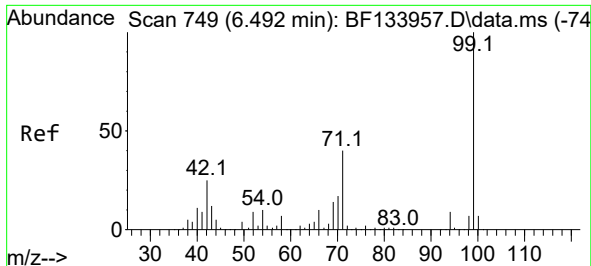
Tgt Ion:152 Resp: 122695
Ion Ratio Lower Upper
152 100
150 154.2 124.5 186.7
115 60.4 50.2 75.2



#5
2-Fluorophenol
Concen: 116.489 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion:112 Resp: 854430
Ion Ratio Lower Upper
112 100
64 58.8 52.1 78.1
63 34.0 28.6 42.8

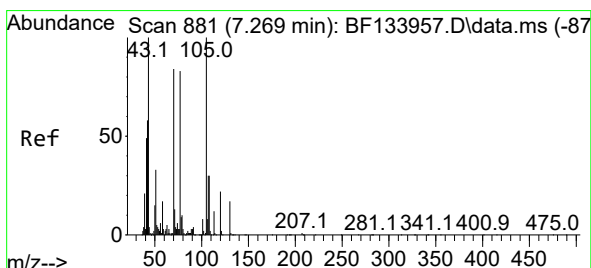
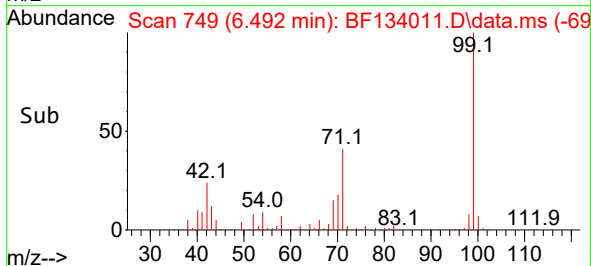
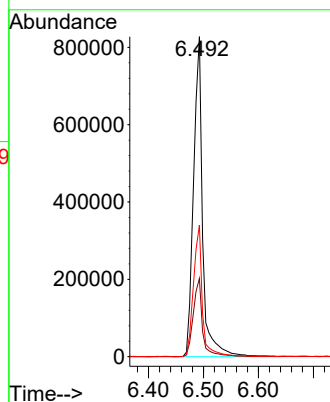
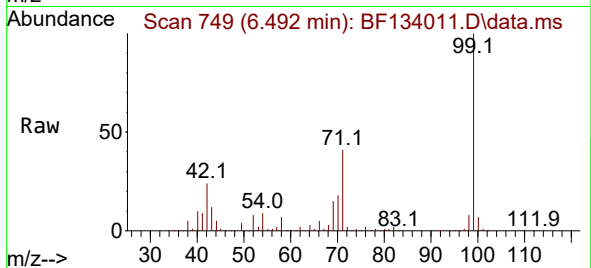




#7
Phenol-d6
Concen: 105.375 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

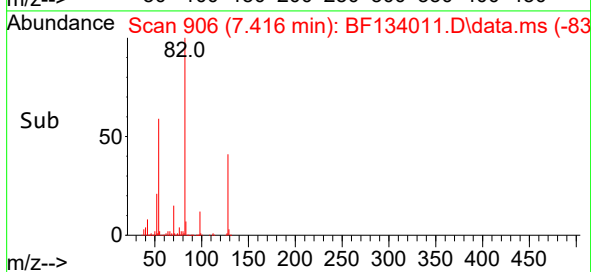
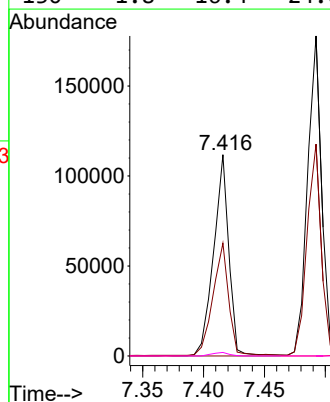
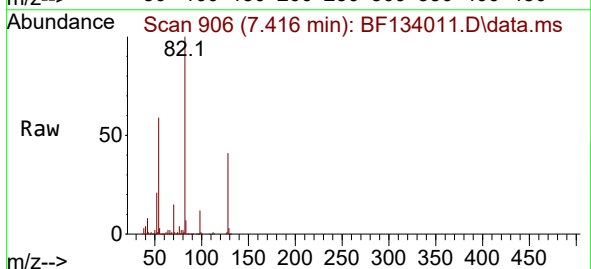
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-04

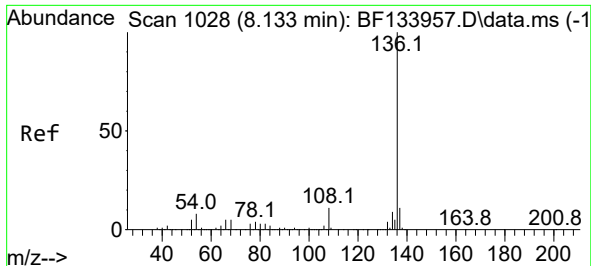
Tgt Ion: 99 Resp: 950530
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 41.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.028 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion: 70 Resp: 97409
Ion Ratio Lower Upper
70 100
42 56.0 54.7 82.1
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



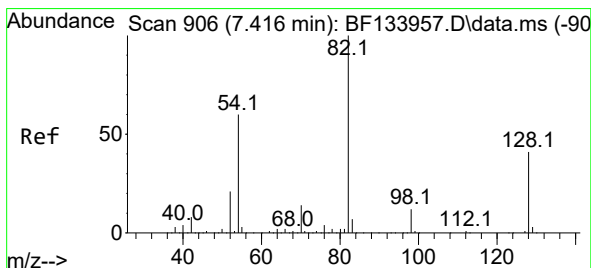
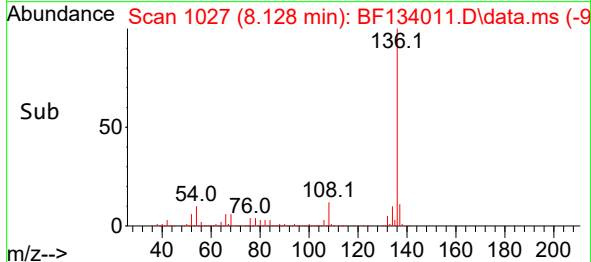
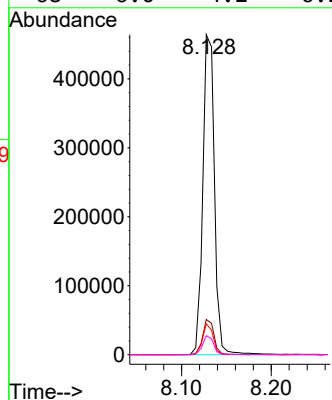
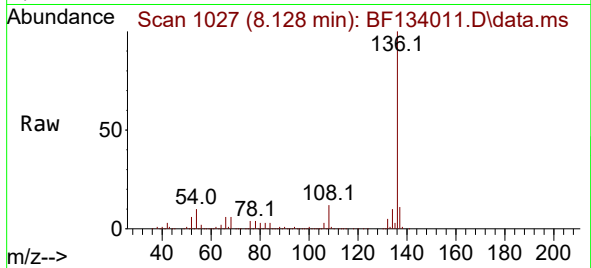


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-04

Tgt Ion:136 Resp: 418280

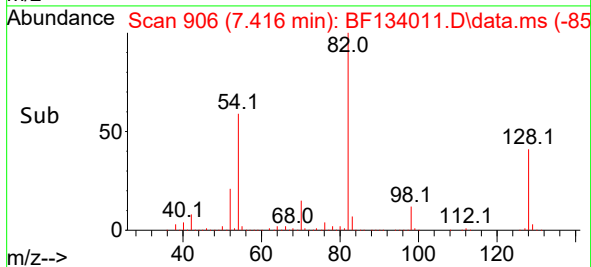
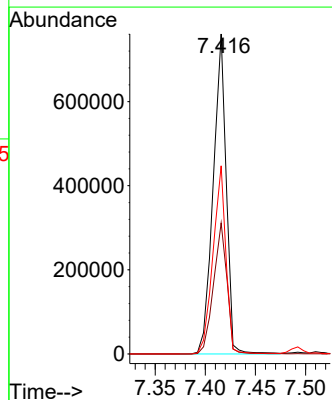
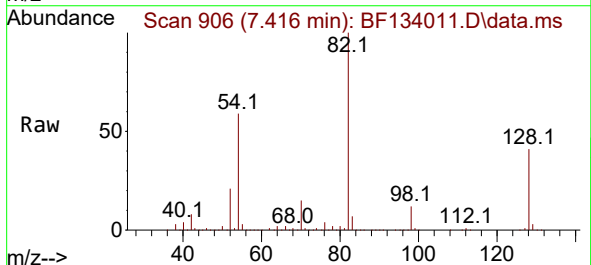
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.6	6.5	9.7
68	6.0	4.2	6.2

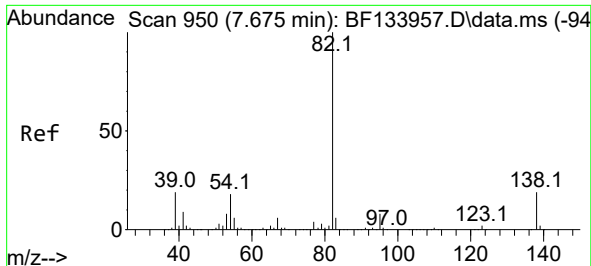


#23
Nitrobenzene-d5
Concen: 89.065 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion: 82 Resp: 691101

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.5	48.7
54	58.8	48.2	72.2

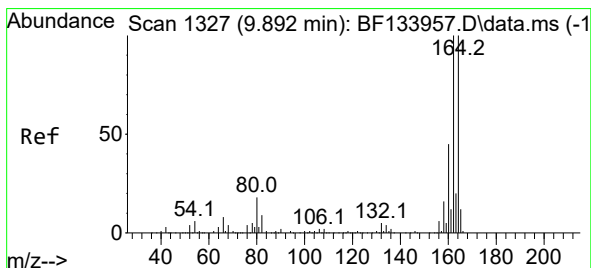
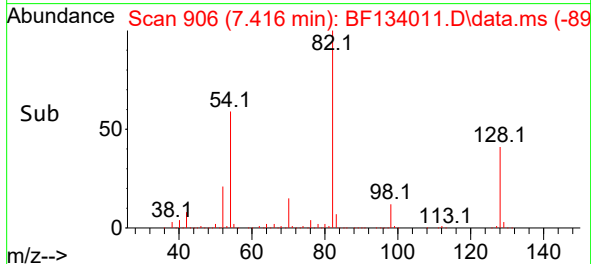
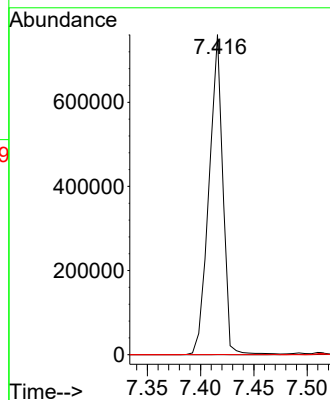
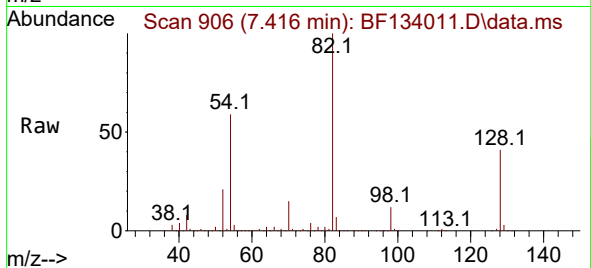




#25
Isophorone
Concen: 49.006 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

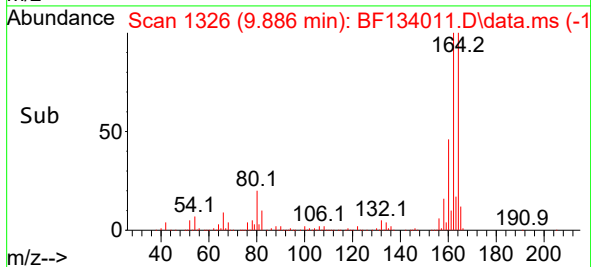
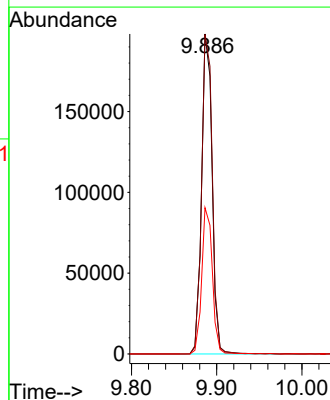
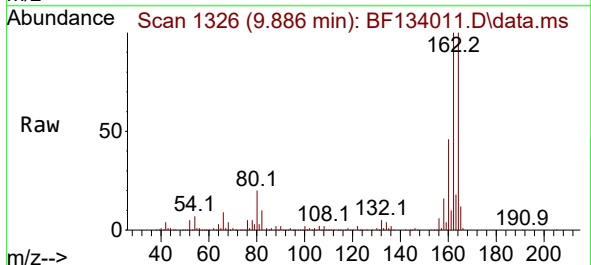
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-04

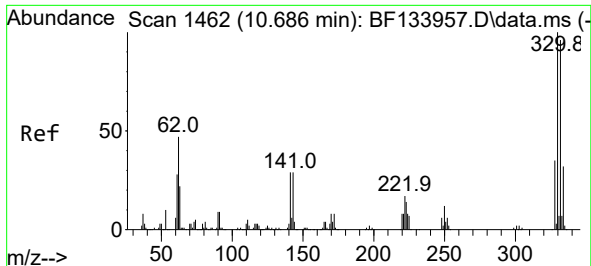
Tgt Ion: 82 Resp: 691094
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion:164 Resp: 169478
Ion Ratio Lower Upper
164 100
162 99.8 80.0 120.0
160 45.7 35.9 53.9

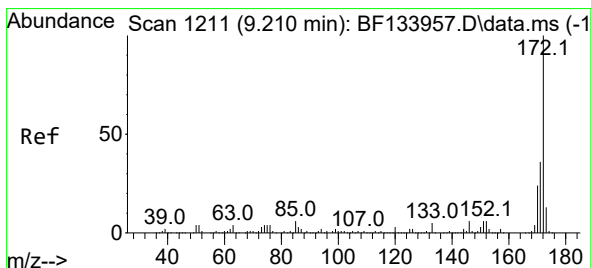
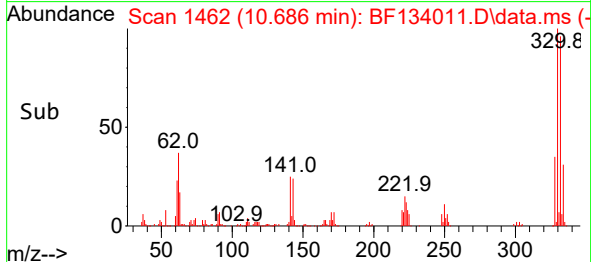
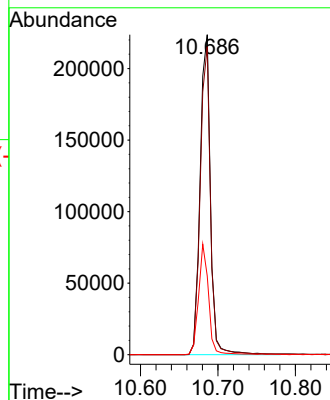
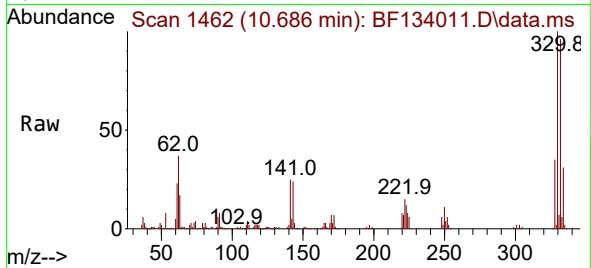




#42
2,4,6-Tribromophenol
Concen: 97.477 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

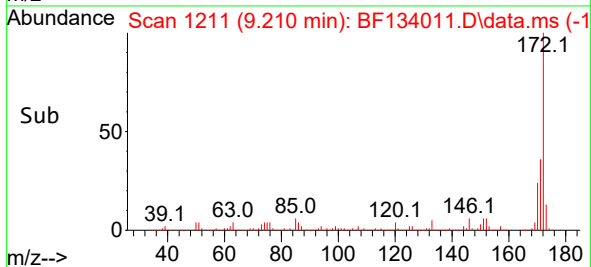
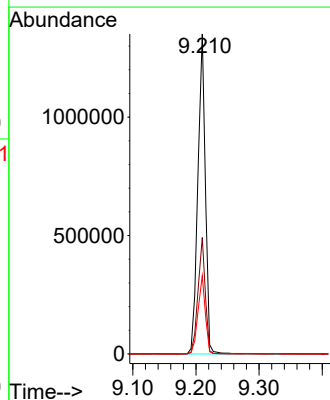
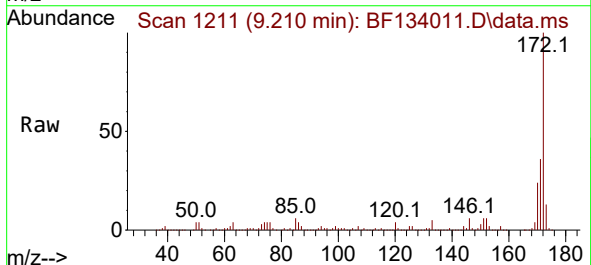
Instrument :
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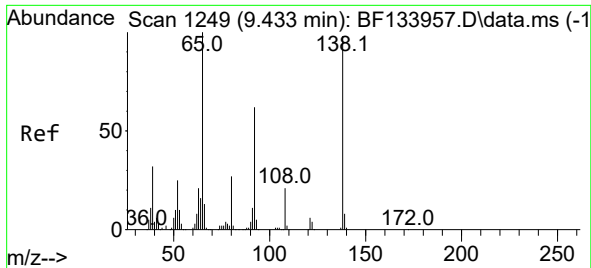
Tgt Ion:330 Resp: 207130
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 33.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 95.407 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion:172 Resp: 1112143
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.4 19.4 29.0

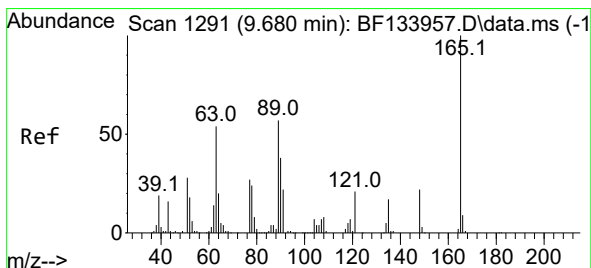
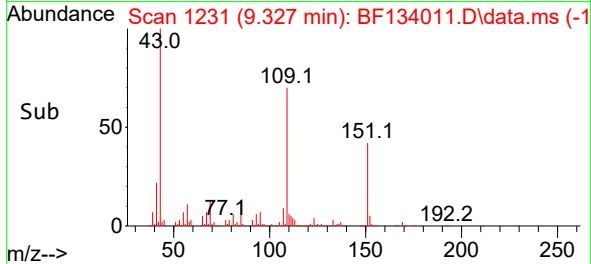
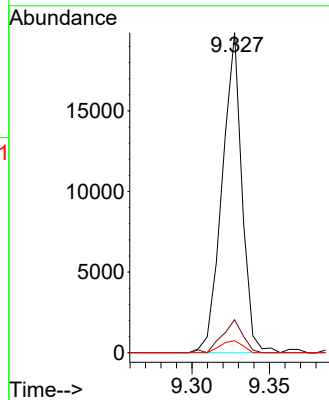
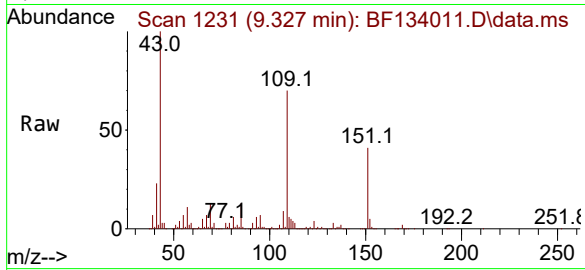




#48
2-Nitroaniline
Concen: 4.854 ng
RT: 9.327 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

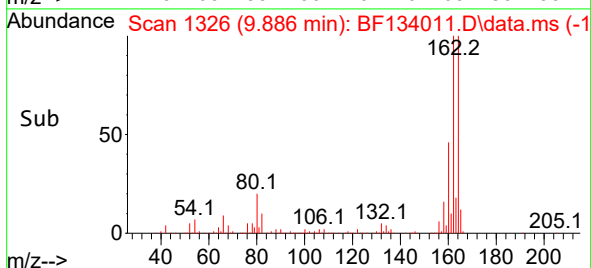
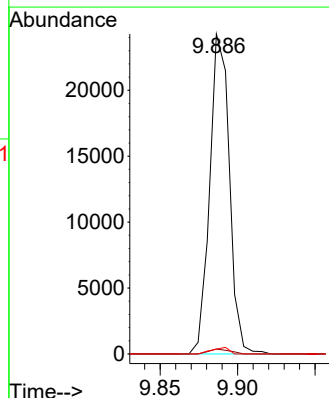
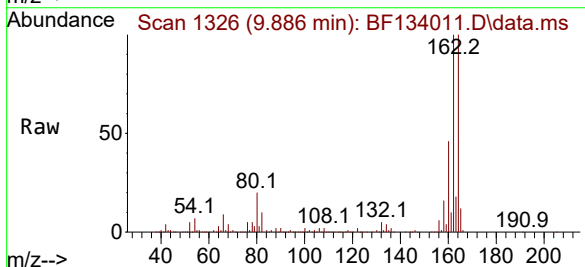
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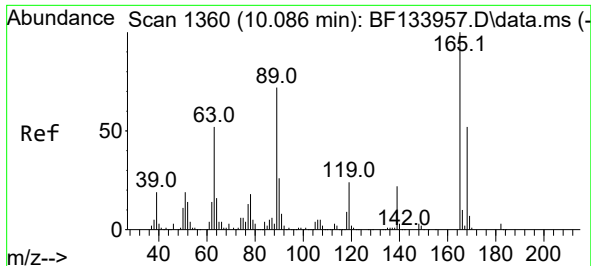
Tgt Ion: 65 Resp: 17597
Ion Ratio Lower Upper
65 100
92 10.3 49.5 74.3#
138 3.8 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.082 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion:165 Resp: 21414
Ion Ratio Lower Upper
165 100
63 1.5 48.5 72.7#
89 1.5 45.5 68.3#

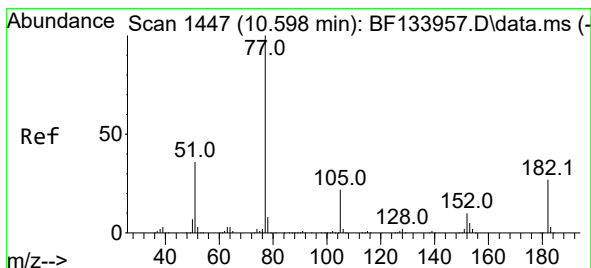
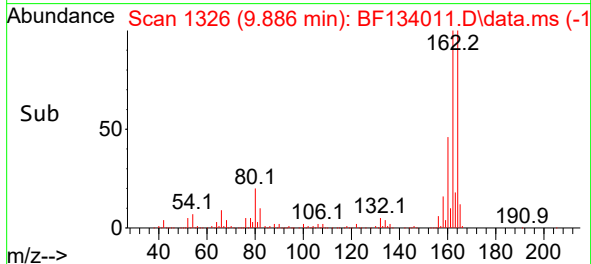
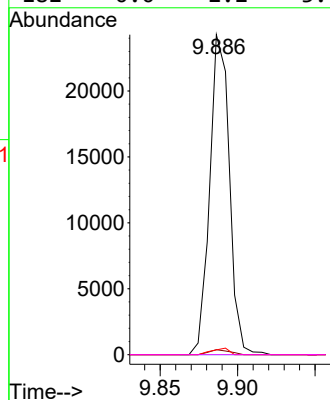
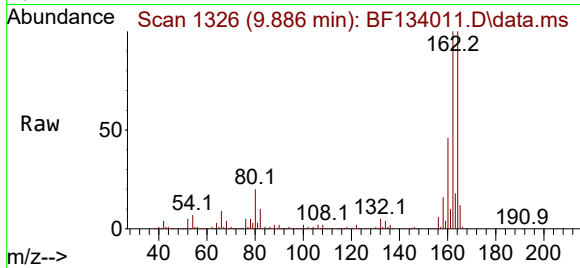




#57
2,4-Dinitrotoluene
Concen: 6.119 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

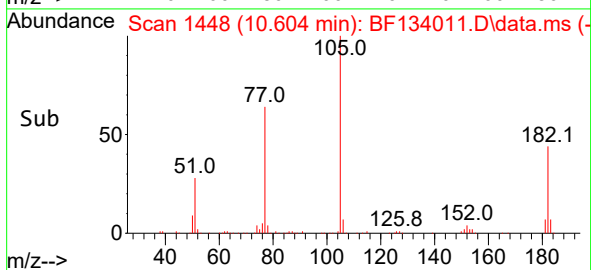
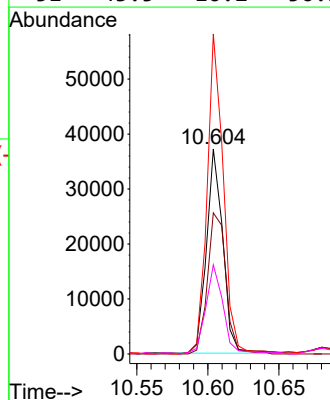
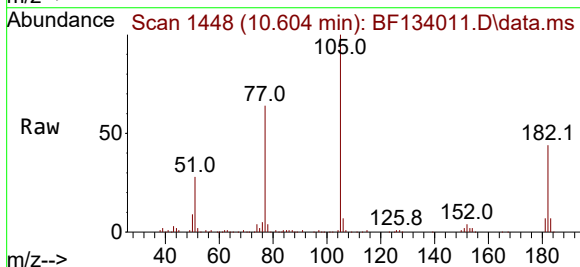
Instrument :
BNA_F
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WC-SCAN-04

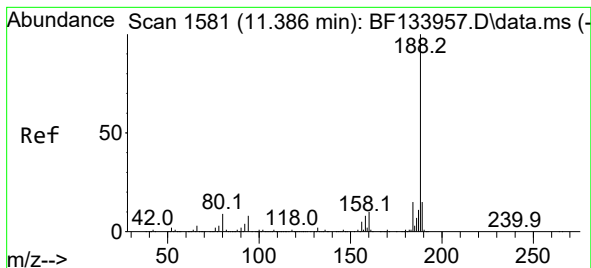
Tgt Ion:165 Resp: 21414
Ion Ratio Lower Upper
165 100
63 1.5 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#



#63
Azobenzene
Concen: 2.465 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion: 77 Resp: 29880
Ion Ratio Lower Upper
77 100
182 68.9 6.8 46.8#
105 156.2 2.3 42.3#
51 43.5 16.2 56.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134011.D

Acq: 28 Jun 2023 03:45

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-04

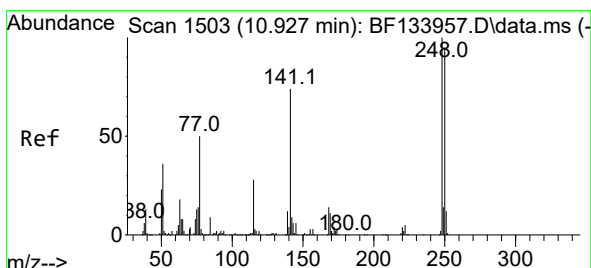
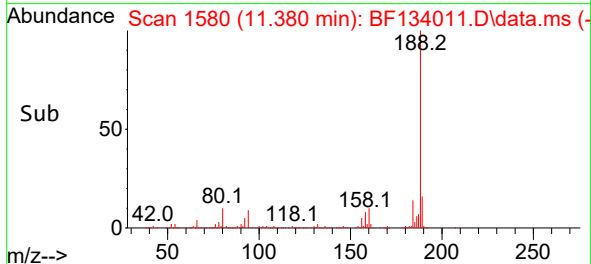
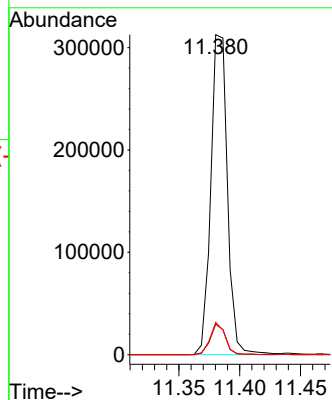
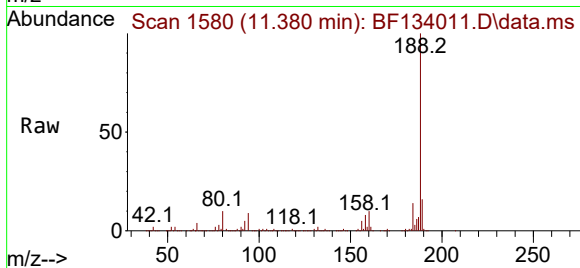
Tgt Ion:188 Resp: 296405

Ion Ratio Lower Upper

188 100

94 9.5 6.4 9.6

80 10.1 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.159 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF134011.D

Acq: 28 Jun 2023 03:45

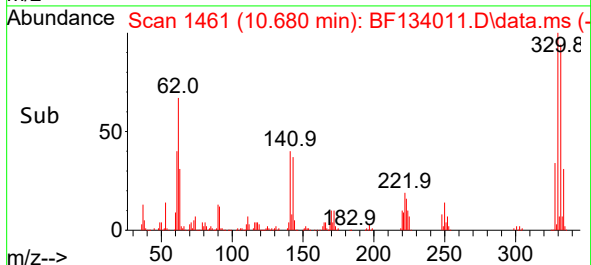
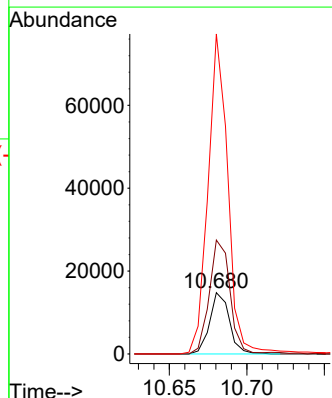
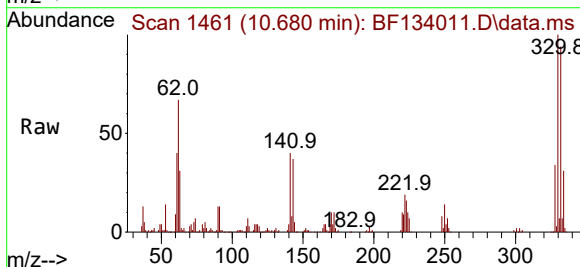
Tgt Ion:248 Resp: 13102

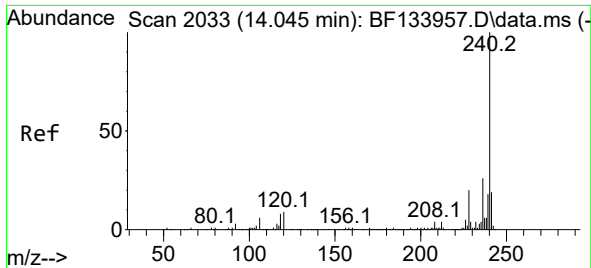
Ion Ratio Lower Upper

248 100

250 186.0 76.2 114.4#

141 522.2 59.0 88.4#

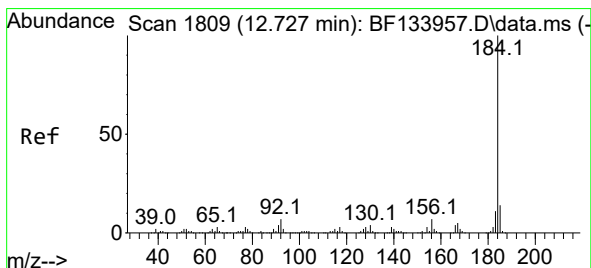
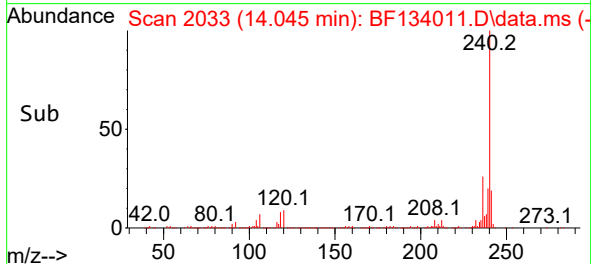
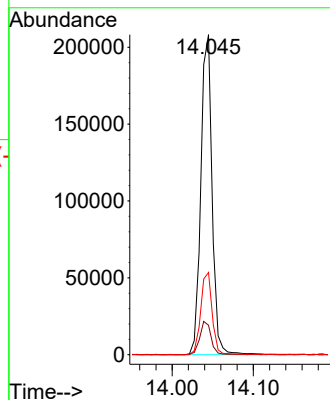
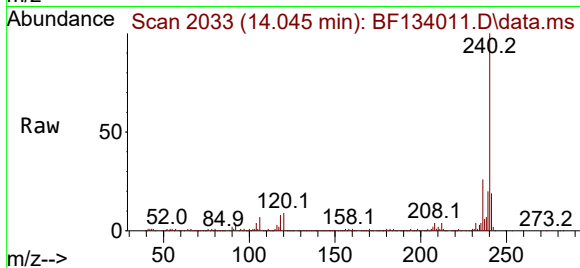




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

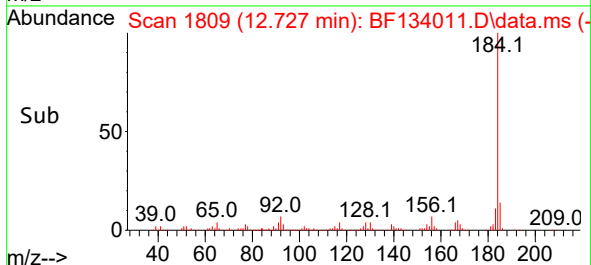
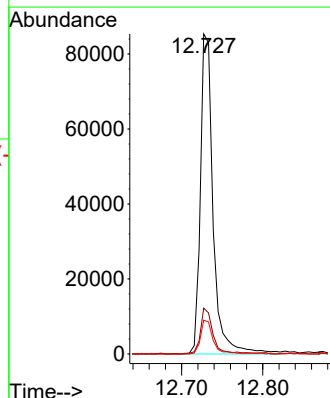
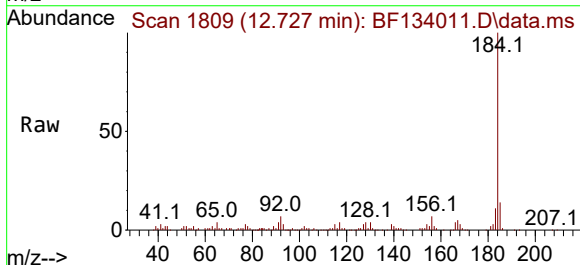
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-04

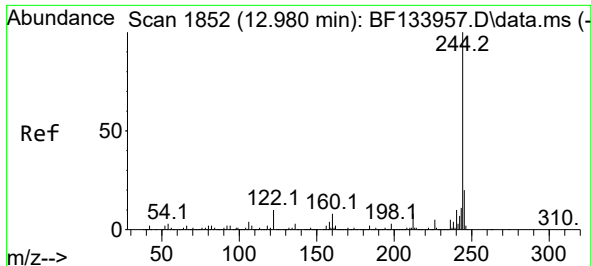
Tgt Ion:240 Resp: 201322
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.7 21.0 31.6



#77
Benzidine
Concen: 19.487 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion:184 Resp: 93348
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 10.6 8.8 13.2

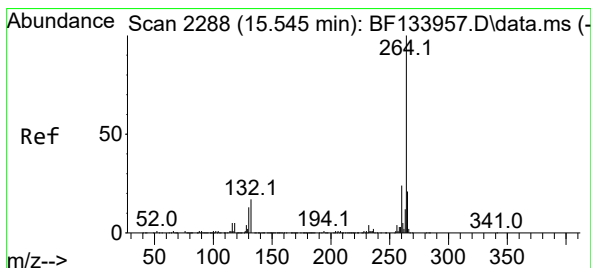
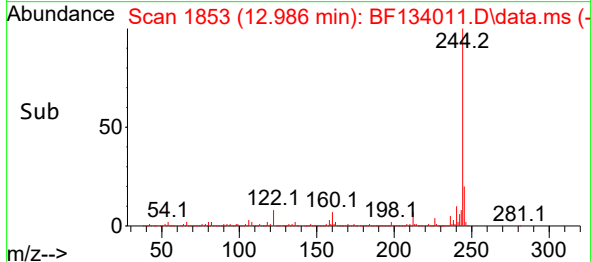
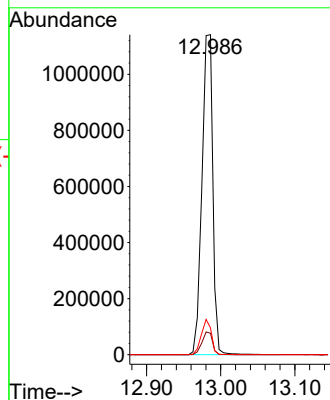
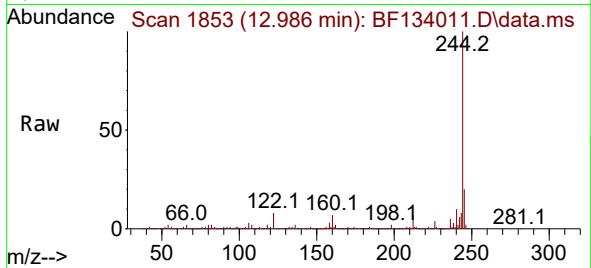




#79
 Terphenyl-d14
 Concen: 92.624 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134011.D
 Acq: 28 Jun 2023 03:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-04

Tgt Ion:244 Resp: 1158627
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.4 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: BF134011.D
 Acq: 28 Jun 2023 03:45

Tgt Ion:264 Resp: 156736
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.1 16.6 25.0

