

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134247.D
 Acq On : 12 Jul 2023 15:12
 Operator : CG\JU
 Sample : 03541-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-09

Quant Time: Jul 12 15:32:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

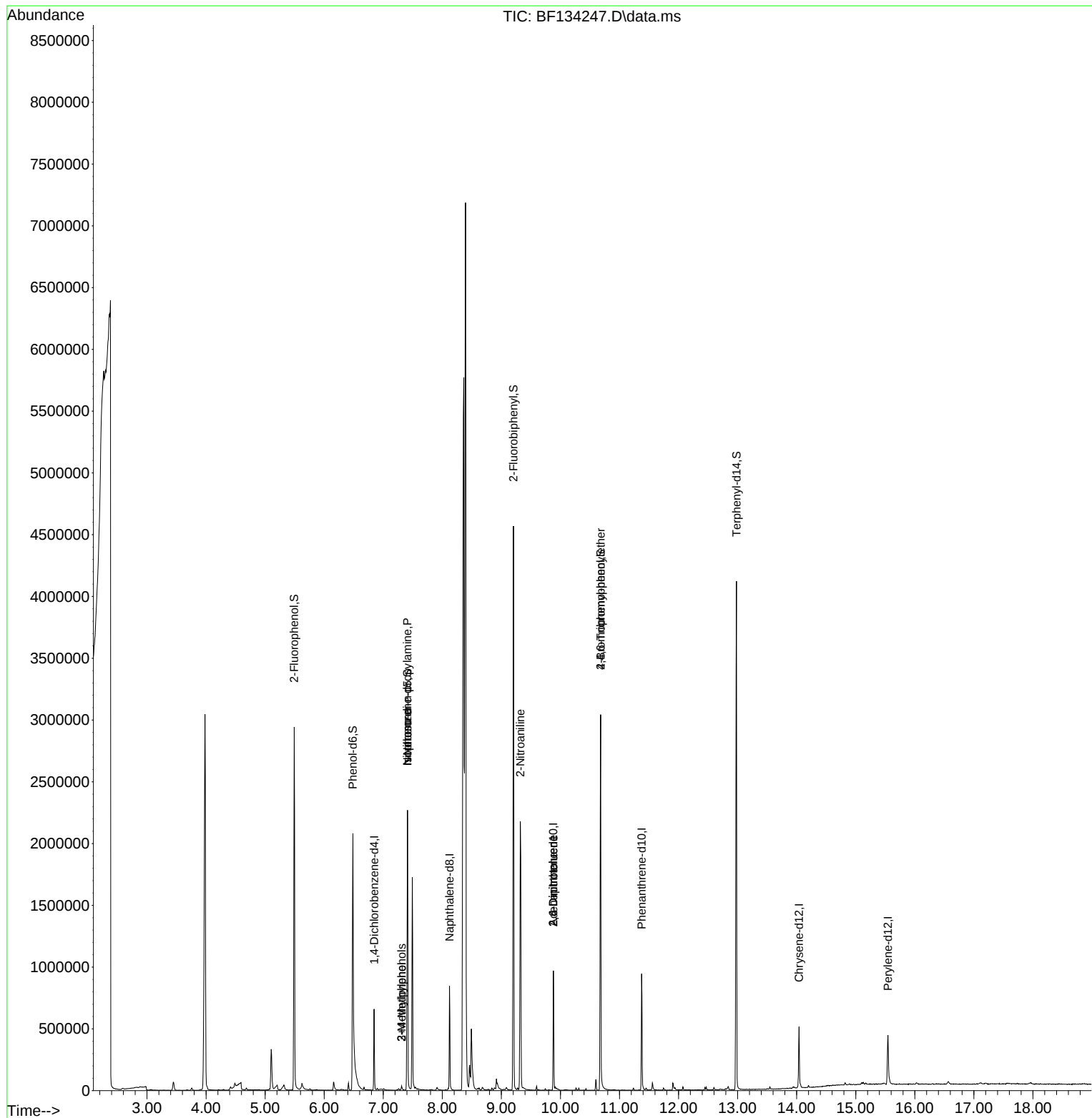
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	85774	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	340729	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	179346	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	349198	20.000	ng	0.00
76) Chrysene-d12	14.039	240	167258	20.000	ng	0.00
86) Perylene-d12	15.545	264	202204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	791049	154.271	ng	0.02
7) Phenol-d6	6.486	99	951116	150.827	ng	0.00
23) Nitrobenzene-d5	7.410	82	725186	114.729	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	394003	175.218	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1342289	108.814	ng	0.00
79) Terphenyl-d14	12.980	244	1497166	144.063	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	763	Below Cal		89
17) 2-Methylphenol	7.310	107	11262	2.416 ng	#	66
19) n-Nitroso-di-n-propyla...	7.410	70	101041	25.266 ng	#	79
20) 3+4-Methylphenols	7.310	107	11553	2.043 ng	#	44
25) Isophorone	7.410	82	725186	63.127 ng	#	64
48) 2-Nitroaniline	9.322	65	26615	6.938 ng	#	16
51) 2,6-Dinitrotoluene	9.880	165	22622	8.068 ng	#	24
57) 2,4-Dinitrotoluene	9.880	165	22622	6.109 ng	#	23
67) 4-Bromophenyl-phenylether	10.680	248	23475	6.325 ng	#	1

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

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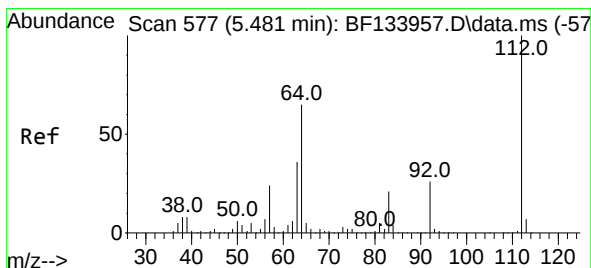
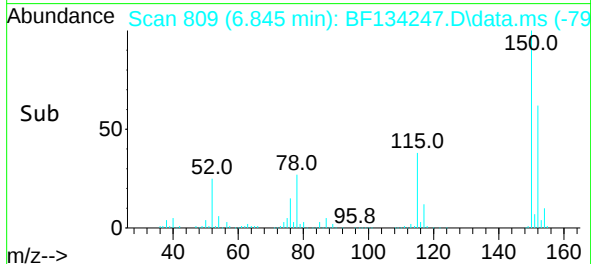
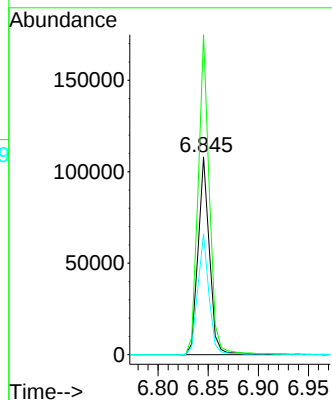
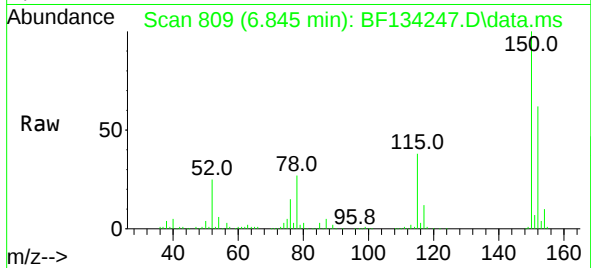




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

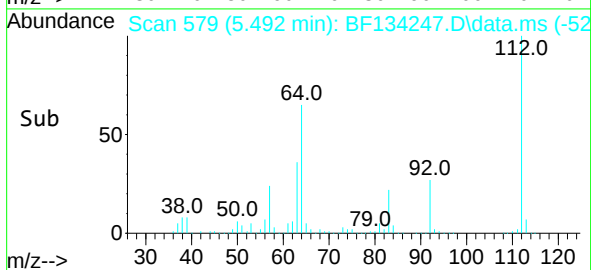
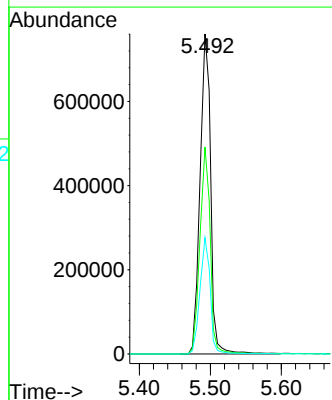
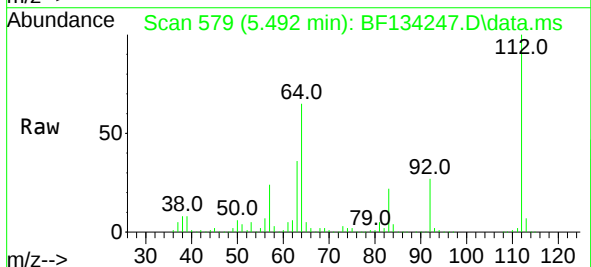
Instrument :
BNA_F
ClientSampleId :
WC-WWS-09

Tgt Ion:152 Resp: 85774
Ion Ratio Lower Upper
152 100
150 161.8 124.5 186.7
115 61.0 50.2 75.2



#5
2-Fluorophenol
Concen: 154.271 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

Tgt Ion:112 Resp: 791049
Ion Ratio Lower Upper
112 100
64 64.6 52.1 78.1
63 36.3 28.6 42.8





#7

Phenol-d6

Concen: 150.827 ng

RT: 6.486 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF134247.D

Acq: 12 Jul 2023 15:12

Instrument :

BNA_F

ClientSampleId :

WC-WWS-09

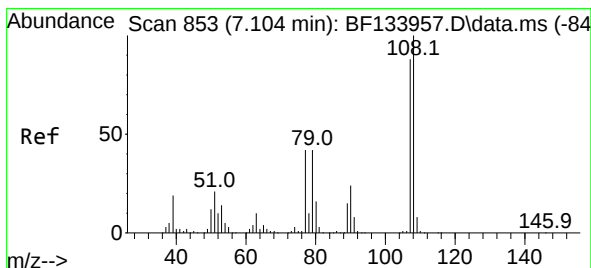
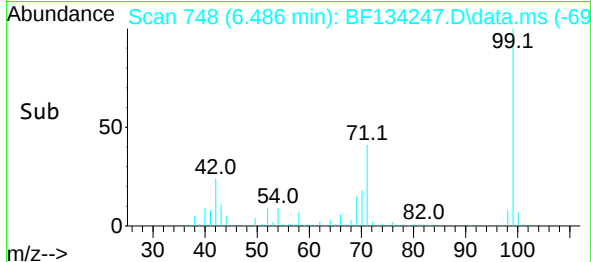
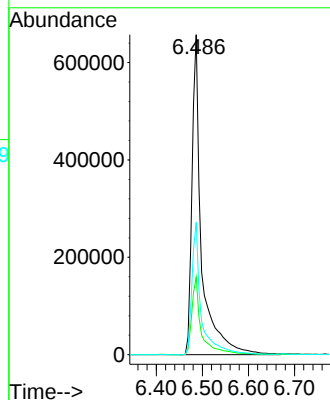
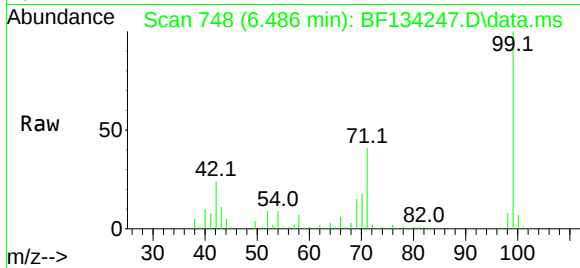
Tgt Ion: 99 Resp: 951116

Ion Ratio Lower Upper

99 100

42 24.3 19.8 29.6

71 41.4 31.9 47.9



#17

2-Methylphenol

Concen: 2.416 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.212 min

Lab File: BF134247.D

Acq: 12 Jul 2023 15:12

Tgt Ion:107 Resp: 11262

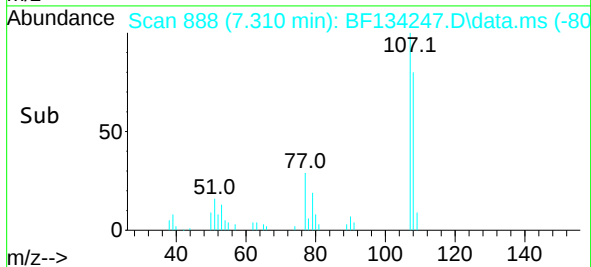
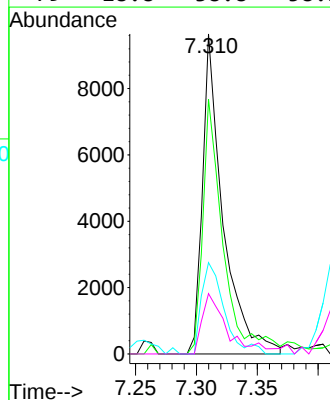
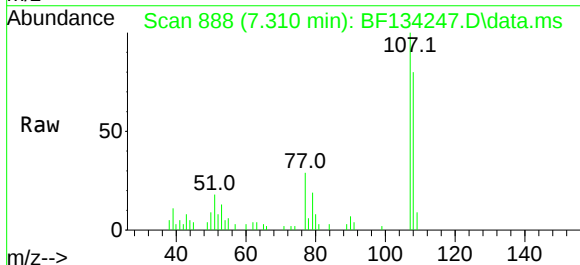
Ion Ratio Lower Upper

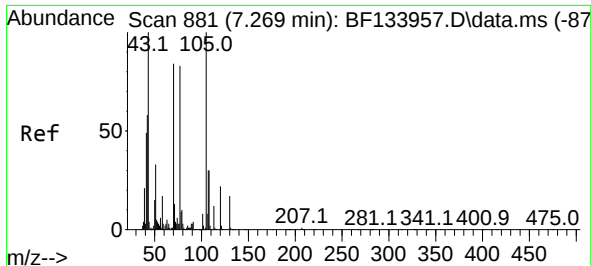
107 100

108 79.6 90.6 136.0#

77 28.6 38.3 57.5#

79 18.8 38.8 58.2#





#19

n-Nitroso-di-n-propylamine

Concen: 25.266 ng

RT: 7.410 min Scan# 90

Delta R.T. 0.153 min

Lab File: BF134247.D

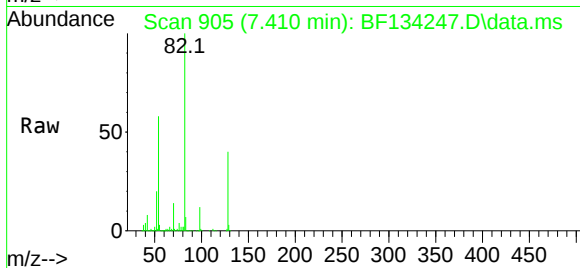
Acq: 12 Jul 2023 15:12

Instrument :

BNA_F

ClientSampleId :

WC-WWS-09



Tgt Ion: 70 Resp: 101041

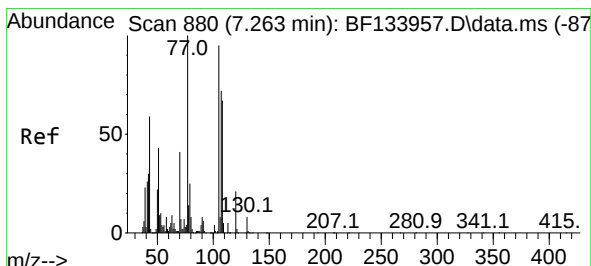
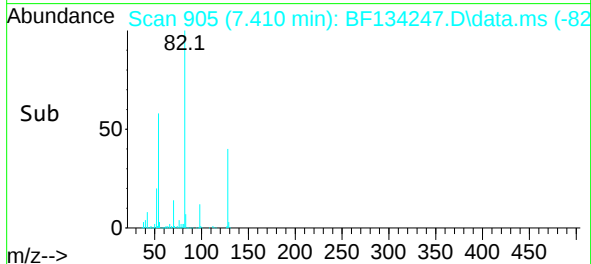
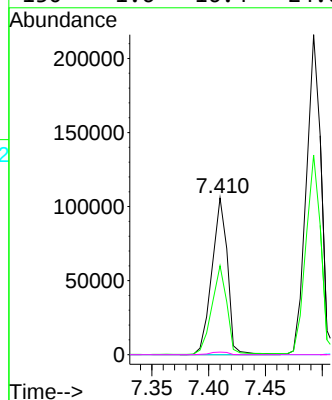
Ion Ratio Lower Upper

70 100

42 56.8 54.7 82.1

101 0.0 7.7 11.5#

130 1.6 16.4 24.6#



#20

3+4-Methylphenols

Concen: 2.043 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.059 min

Lab File: BF134247.D

Acq: 12 Jul 2023 15:12

Tgt Ion: 107 Resp: 11553

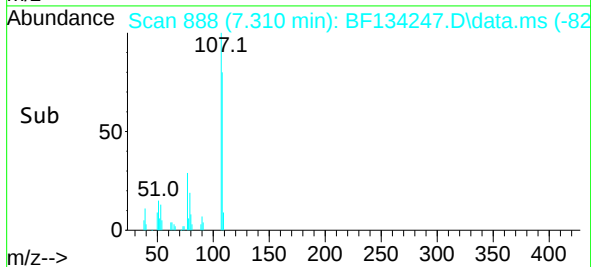
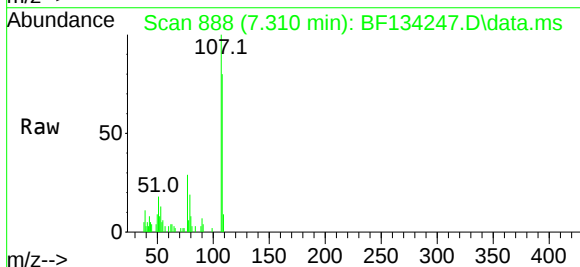
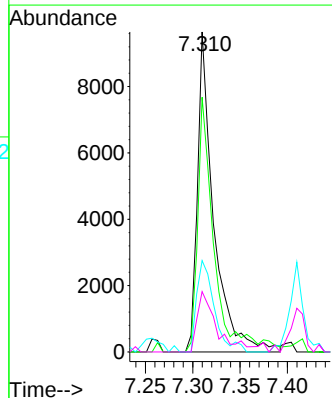
Ion Ratio Lower Upper

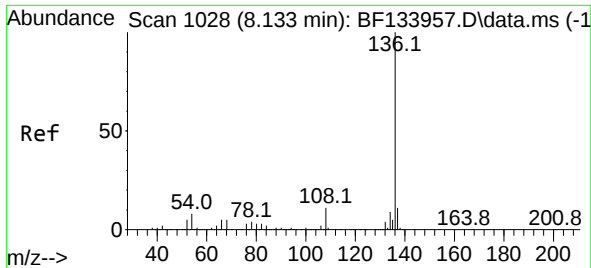
107 100

108 79.6 73.2 113.2

77 28.6 118.3 158.3#

79 18.8 14.7 54.7



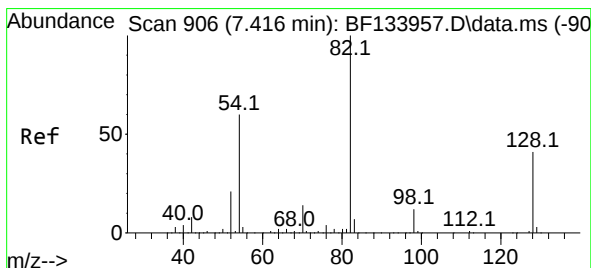
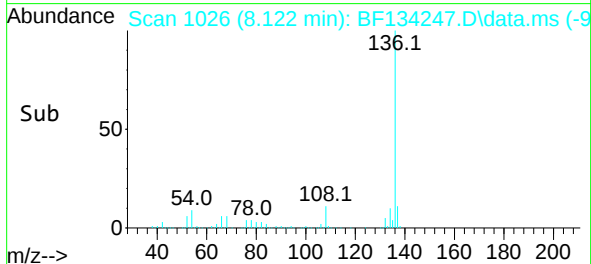
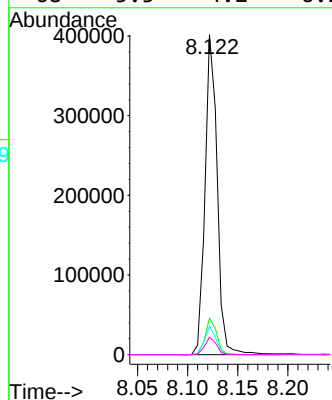
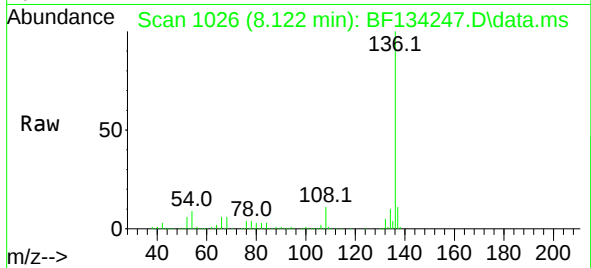


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

Instrument :
BNA_F
ClientSampleId :
WC-WWS-09

Tgt Ion:136 Resp: 340729

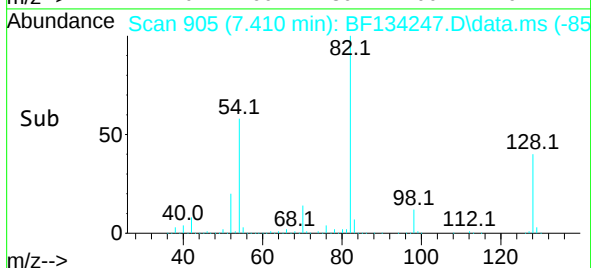
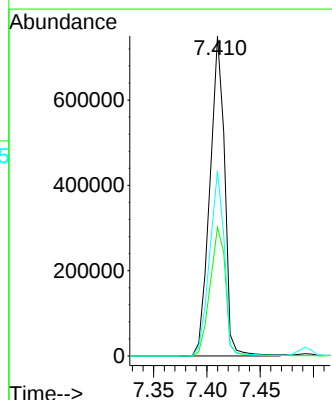
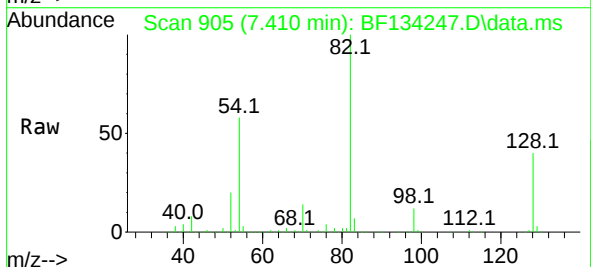
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.9	6.5	9.7
68	5.5	4.2	6.2

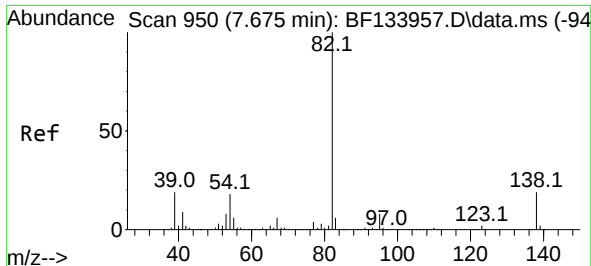


#23
Nitrobenzene-d5
Concen: 114.729 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

Tgt Ion: 82 Resp: 725186

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.5	48.7
54	57.8	48.2	72.2

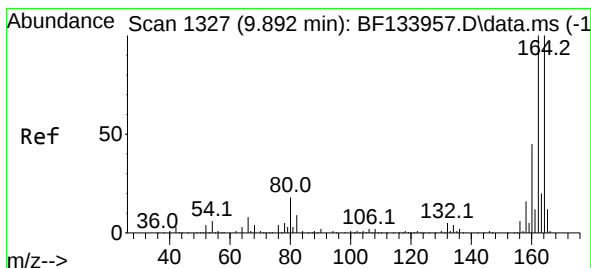
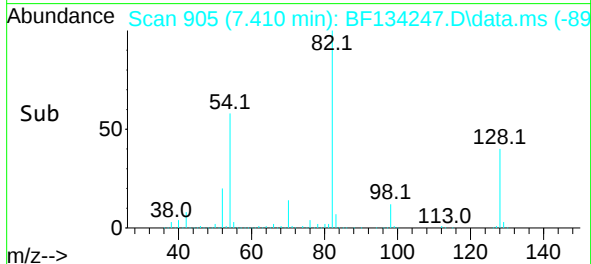
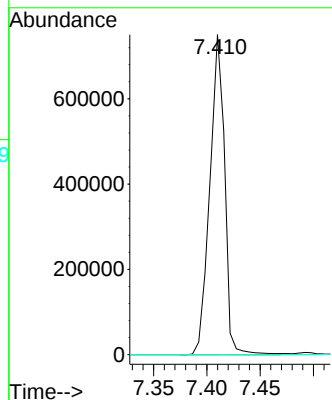
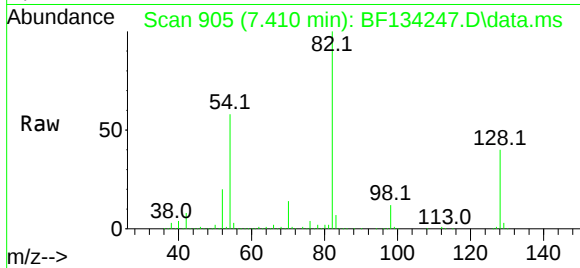




#25
Isophorone
Concen: 63.127 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

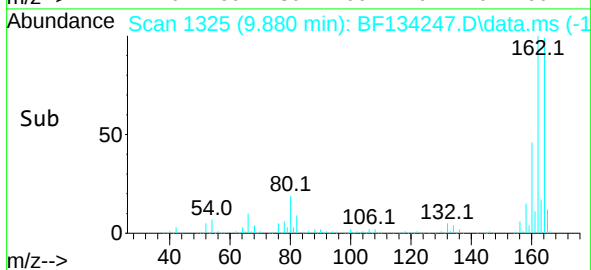
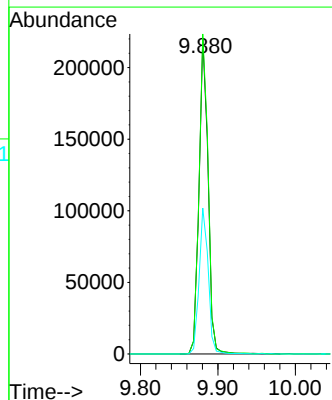
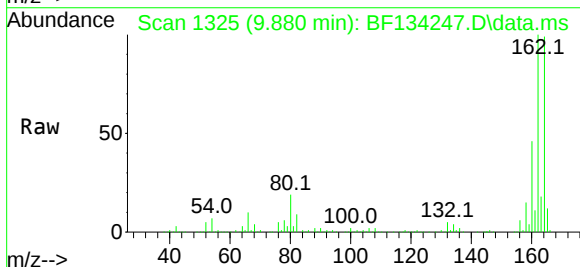
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BNA_F
ClientSampleId :
WC-WWS-09

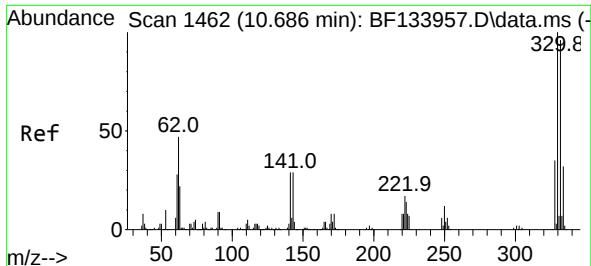
Tgt Ion: 82 Resp: 725186
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

Tgt Ion:164 Resp: 179346
Ion Ratio Lower Upper
164 100
162 101.4 80.0 120.0
160 46.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 175.218 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF134247.D

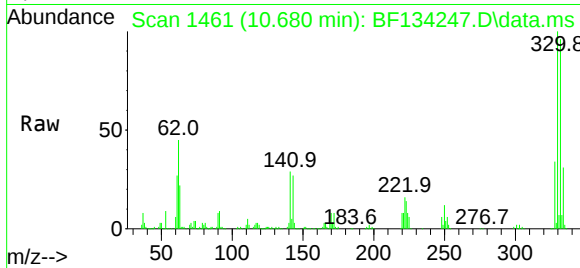
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Instrument :

BNA_F

ClientSampleId :

WC-WWS-09



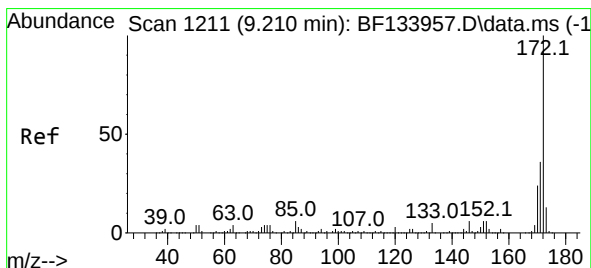
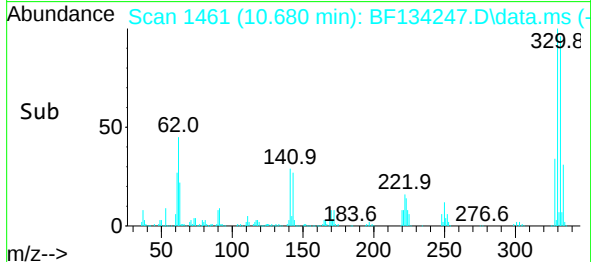
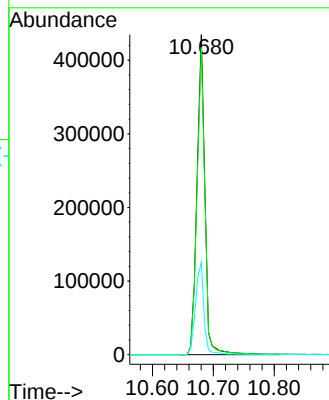
Tgt Ion:330 Resp: 394003

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 30.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 108.814 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134247.D

Acq: 12 Jul 2023 15:12

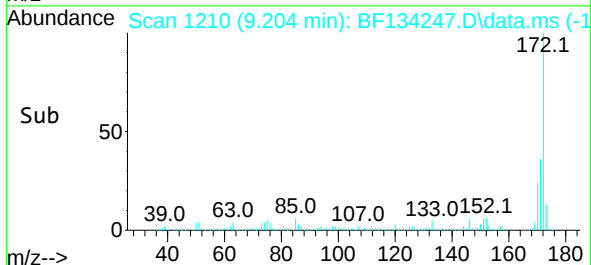
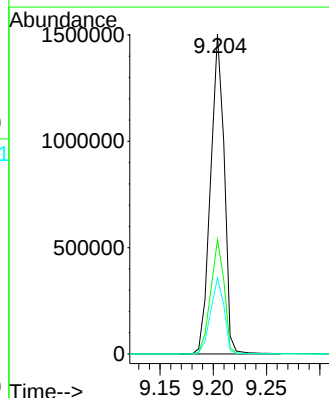
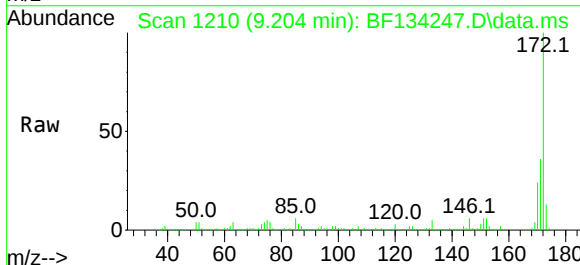
Tgt Ion:172 Resp: 1342289

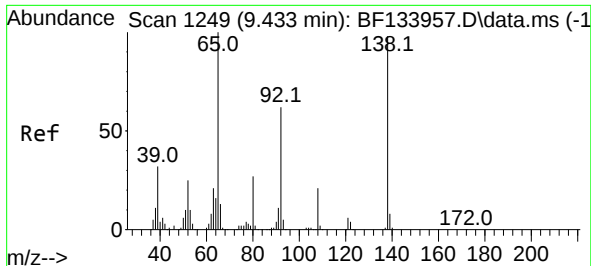
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.7 19.4 29.0

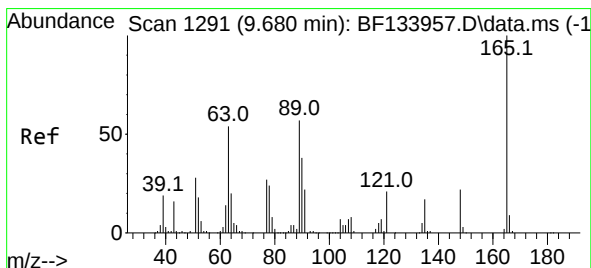
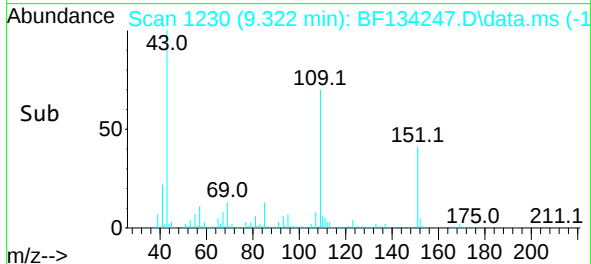
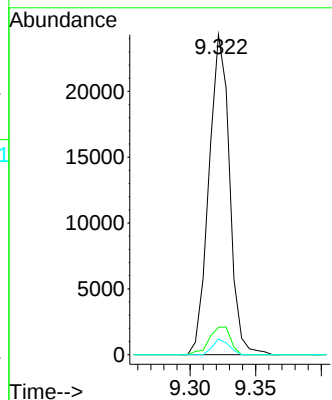
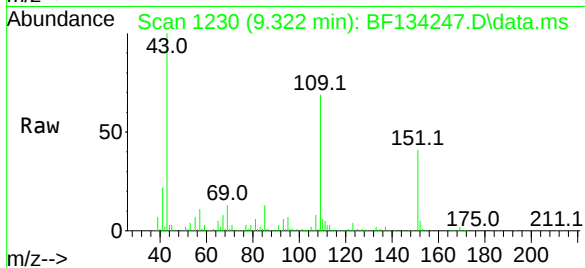




#48
2-Nitroaniline
Concen: 6.938 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

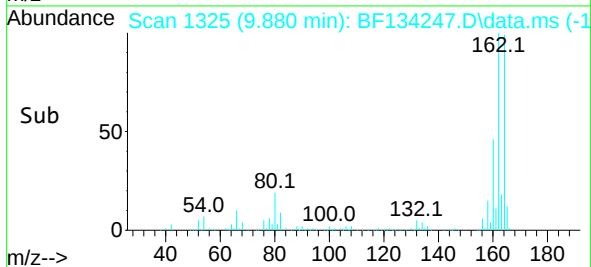
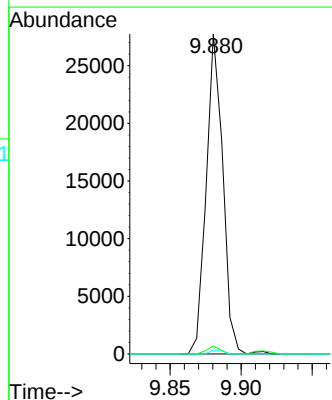
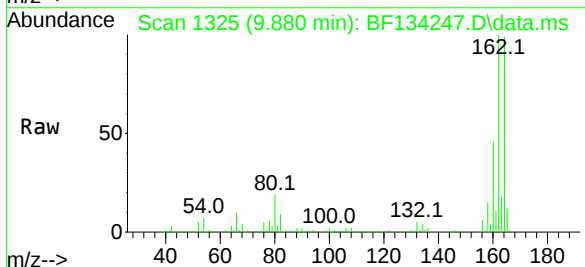
Instrument :
BNA_F
ClientSampleId :
WC-WWS-09

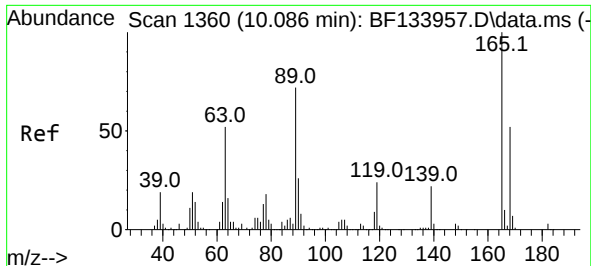
Tgt Ion: 65 Resp: 26615
Ion Ratio Lower Upper
65 100
92 8.6 49.5 74.3#
138 4.9 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.068 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.206 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

Tgt Ion: 165 Resp: 22622
Ion Ratio Lower Upper
165 100
63 2.5 48.5 72.7#
89 1.2 45.5 68.3#

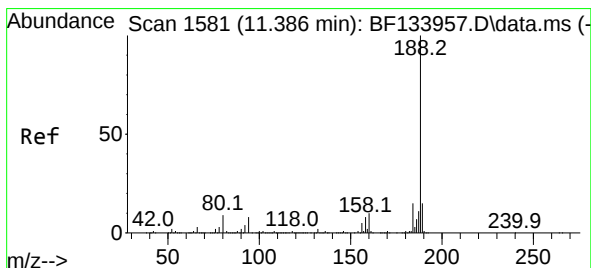
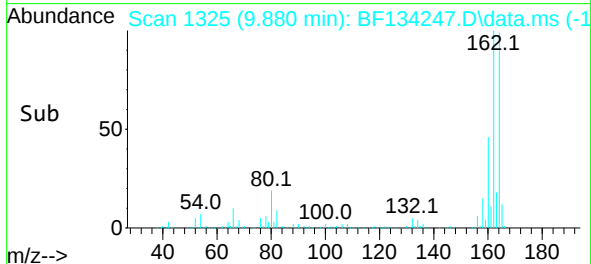
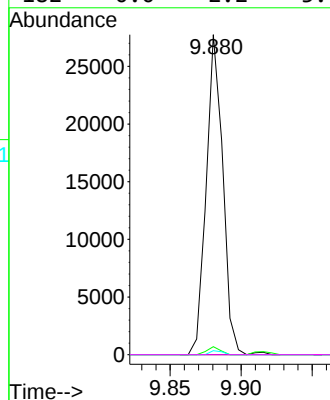
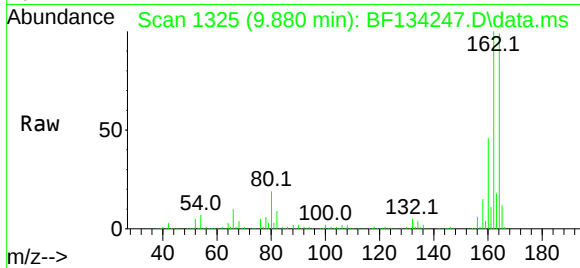




#57
2,4-Dinitrotoluene
Concen: 6.109 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

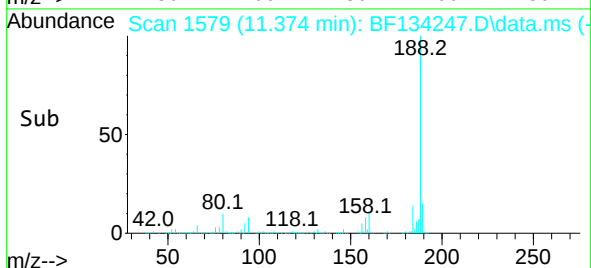
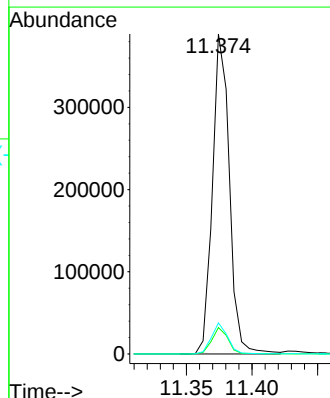
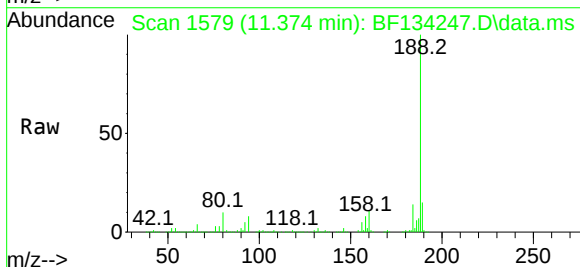
Instrument :
BNA_F
ClientSampleId :
WC-WWS-09

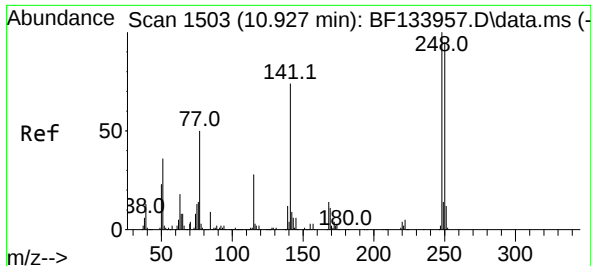
Tgt Ion:165	Resp:	22622
Ion Ratio	Lower	Upper
165	100	
63	2.5	42.2 63.2#
89	1.2	57.4 86.2#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

Tgt Ion:188	Resp:	349198
Ion Ratio	Lower	Upper
188	100	
94	8.3	6.4 9.6
80	9.7	7.3 10.9

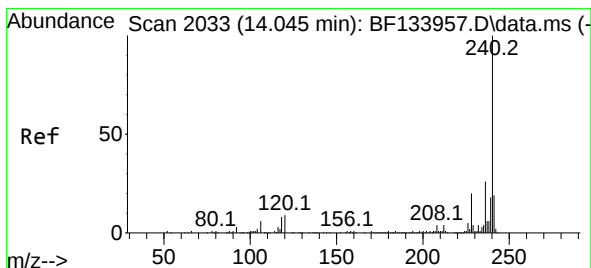
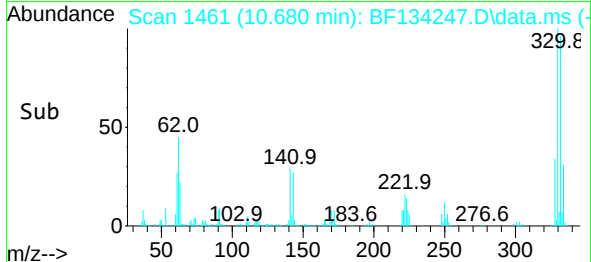
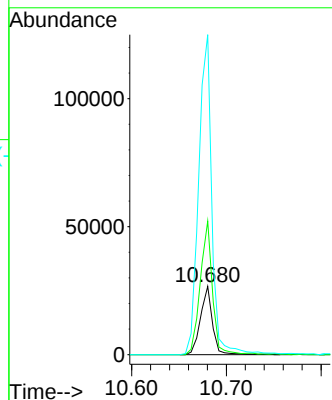
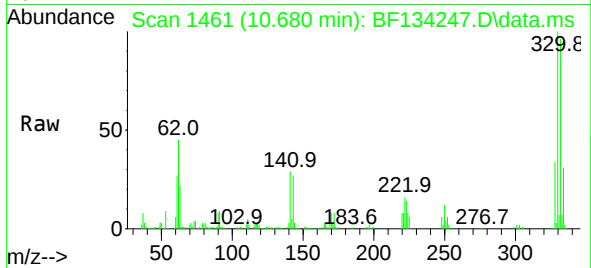




#67
4-Bromophenyl-phenylether
Concen: 6.325 ng
RT: 10.680 min Scan# 141
Delta R.T. -0.241 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

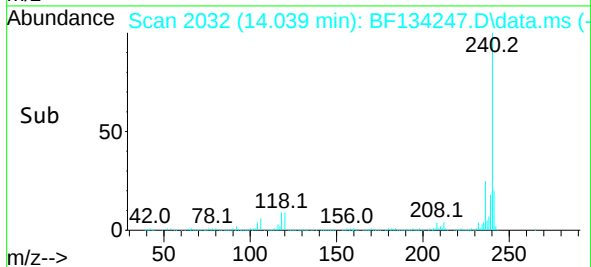
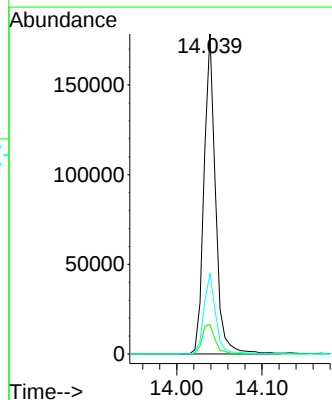
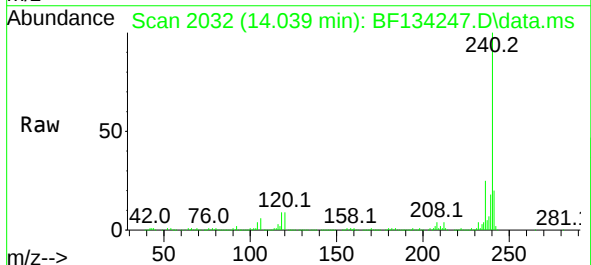
Instrument :
BNA_F
ClientSampleId :
WC-WWS-09

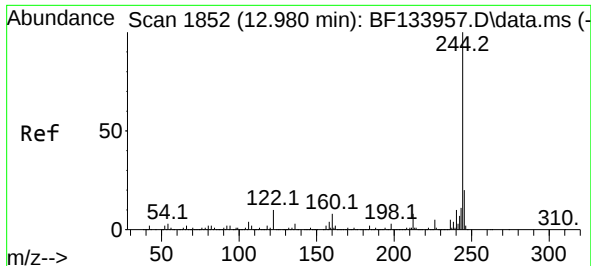
Tgt Ion:248 Resp: 23475
Ion Ratio Lower Upper
248 100
250 195.7 76.2 114.4#
141 468.4 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134247.D
Acq: 12 Jul 2023 15:12

Tgt Ion:240 Resp: 167258
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.0 21.0 31.6

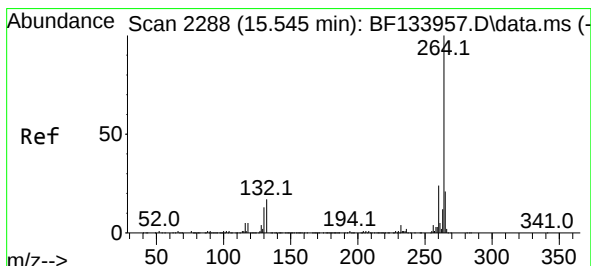
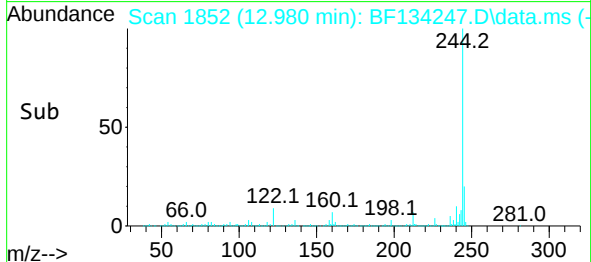
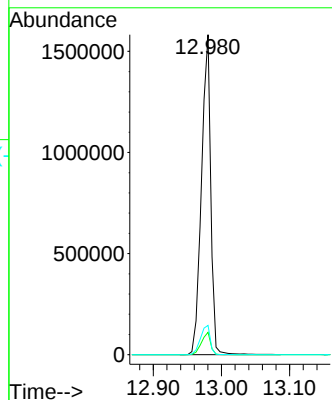
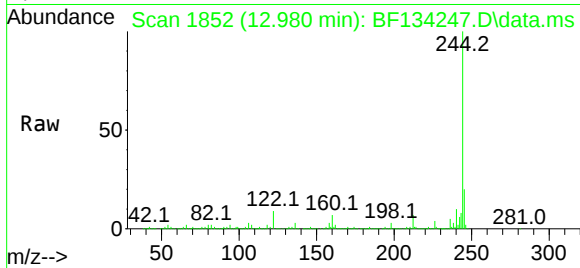




#79
 Terphenyl-d14
 Concen: 144.063 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134247.D
 Acq: 12 Jul 2023 15:12

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-09

Tgt Ion:244 Resp: 1497166
 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: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF134247.D
 Acq: 12 Jul 2023 15:12

Tgt Ion:264 Resp: 202204
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.3 16.6 25.0

