

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131009.D
 Acq On : 05 Nov 2022 01:14
 Operator : CG\JU
 Sample : N5406-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Nov 05 01:35:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

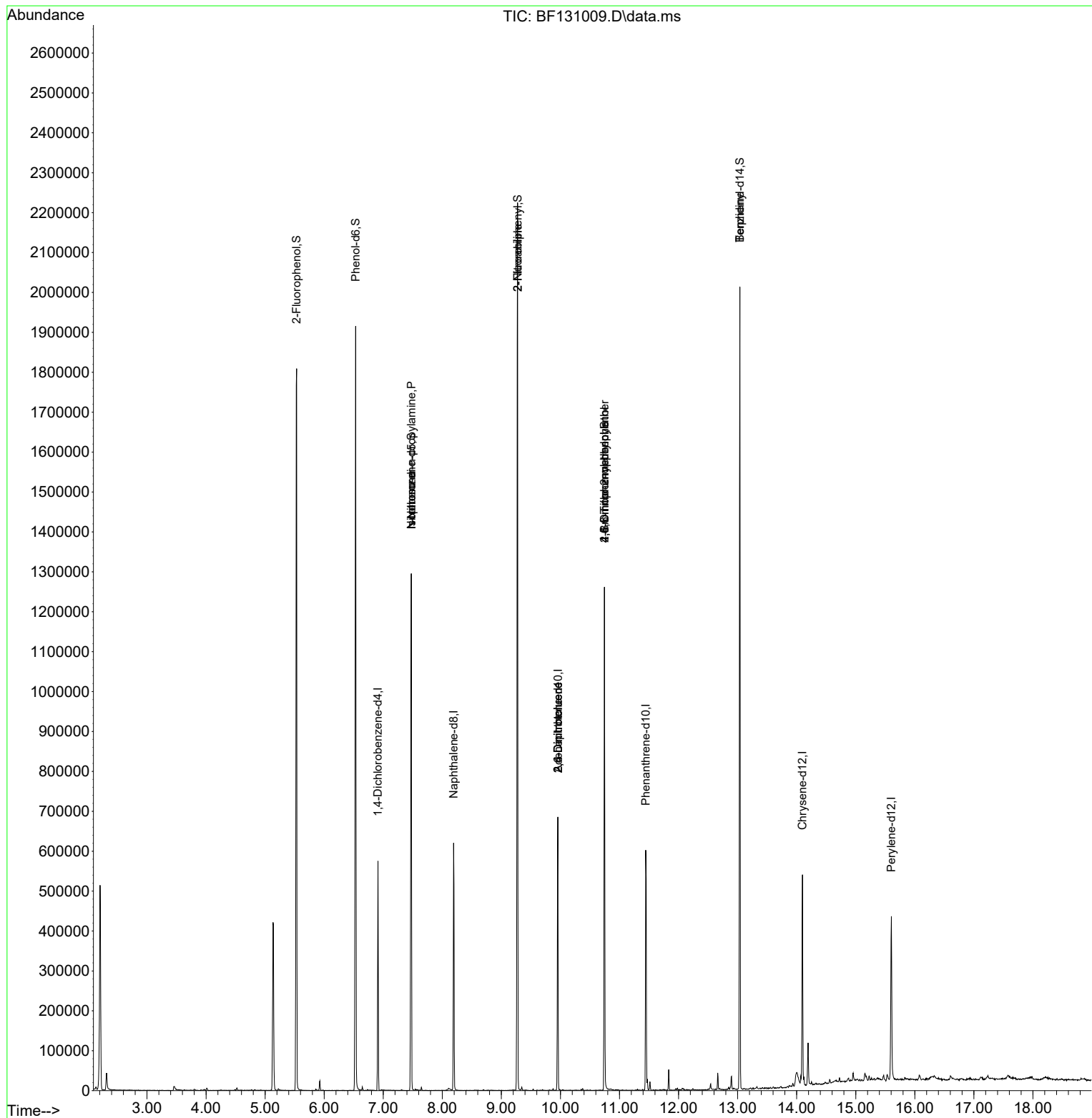
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	70988	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	263193	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	131700	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	220310	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	170691	20.000	ng	0.00
86) Perylene-d12	15.604	264	178861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	474182	115.801	ng	0.00
7) Phenol-d6	6.534	99	584488	109.842	ng	0.00
23) Nitrobenzene-d5	7.475	82	397789	91.135	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	130372	117.595	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	669506	76.858	ng	0.00
79) Terphenyl-d14	13.039	244	639220	68.623	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	54695	15.107	ng	# 77
25) Isophorone	7.475	82	397781	44.194	ng	# 66
48) 2-Nitroaniline	9.275	65	1292	4.635	ng	# 1
51) 2,6-Dinitrotoluene	9.957	165	17403	12.321	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	17403	11.140	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.745	198	321	8.219	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	8100	3.656	ng	# 1
77) Benzidine	13.039	184	9289	2.242	ng	# 93

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

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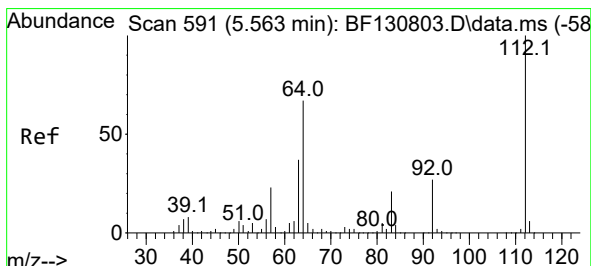
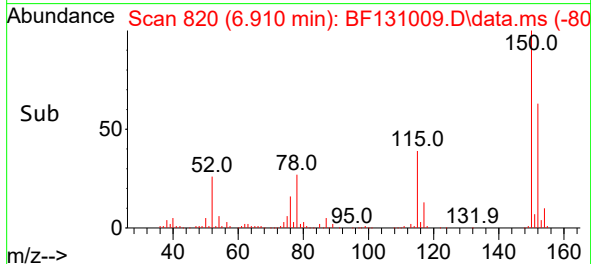
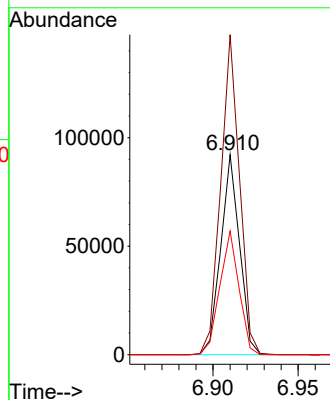
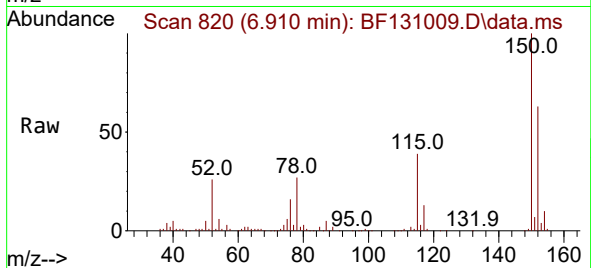




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

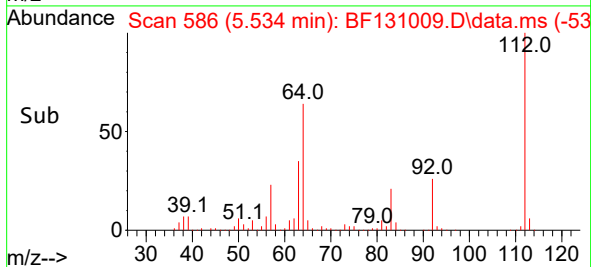
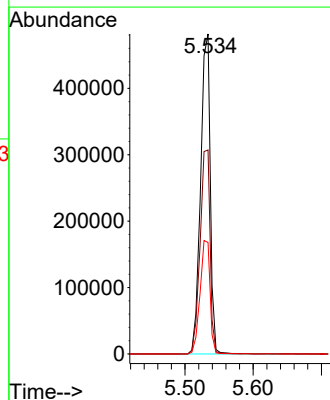
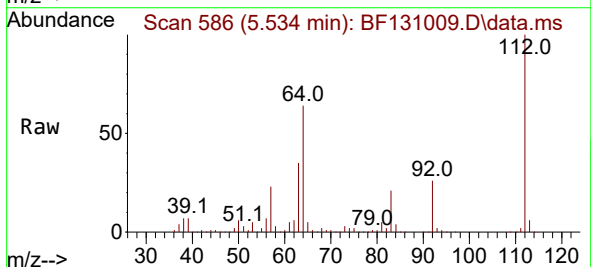
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:152 Resp: 70988
Ion Ratio Lower Upper
152 100
150 160.0 124.1 186.1
115 61.8 50.1 75.1



#5
2-Fluorophenol
Concen: 115.801 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

Tgt Ion:112 Resp: 474182
Ion Ratio Lower Upper
112 100
64 63.7 53.9 80.9
63 34.8 29.4 44.2

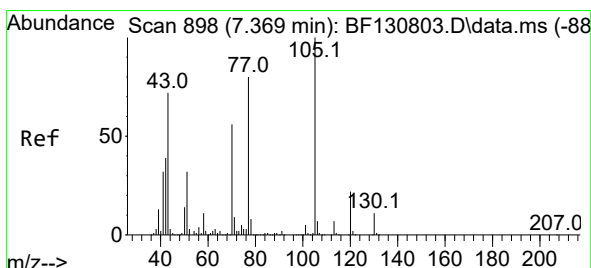
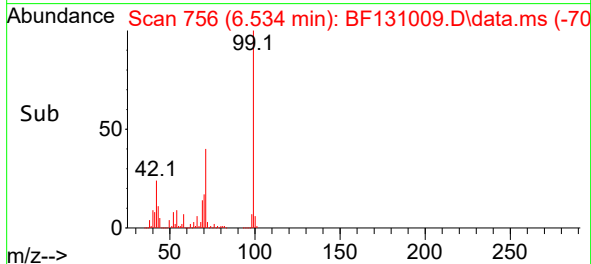
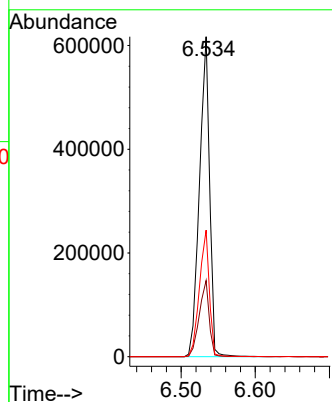
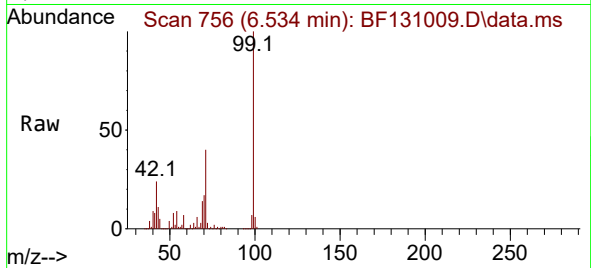




#7
Phenol-d6
Concen: 109.842 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

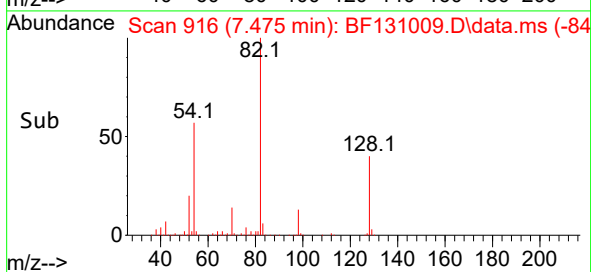
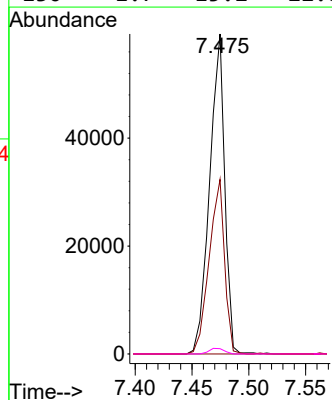
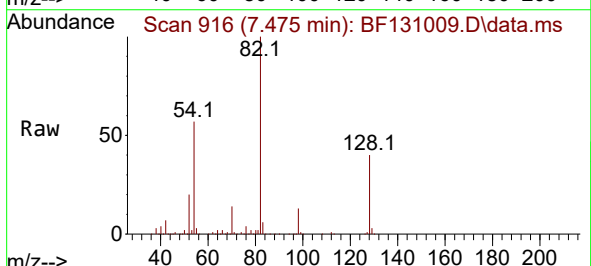
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion: 99 Resp: 584488
Ion Ratio Lower Upper
99 100
42 23.8 18.8 28.2
71 39.5 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.107 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

Tgt Ion: 70 Resp: 54695
Ion Ratio Lower Upper
70 100
42 54.6 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

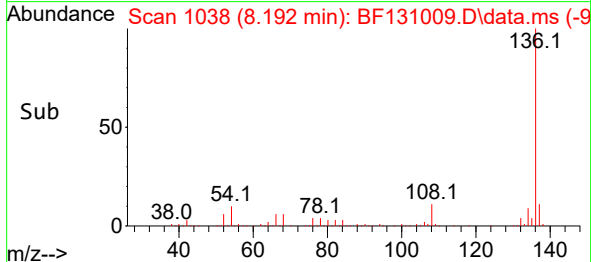
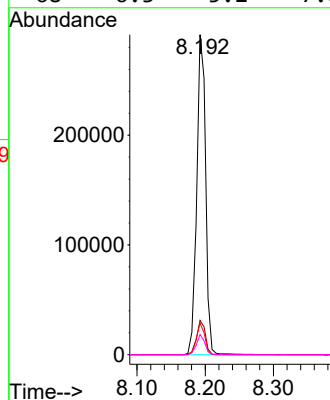
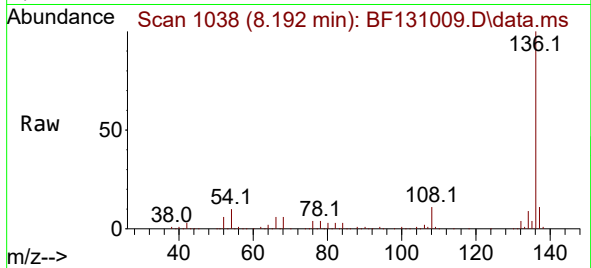




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

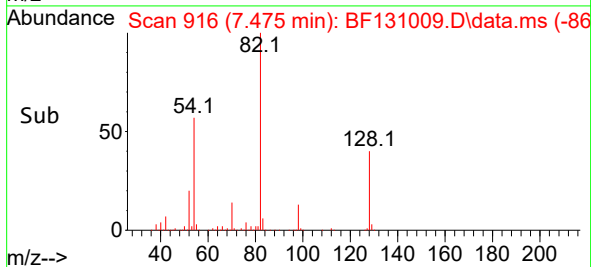
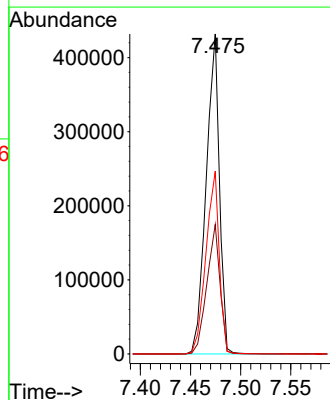
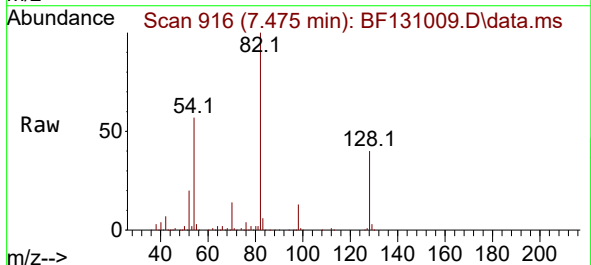
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:136 Resp: 263193
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.9 8.8 13.2
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 91.135 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

Tgt Ion: 82 Resp: 397789
Ion Ratio Lower Upper
82 100
128 40.5 31.2 46.8
54 57.1 48.0 72.0

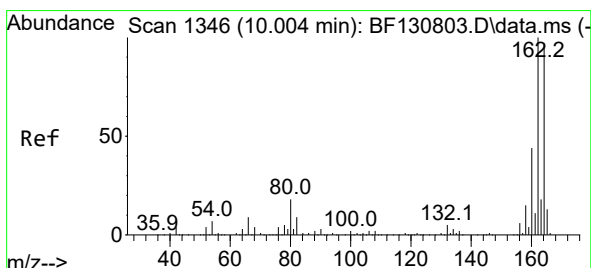
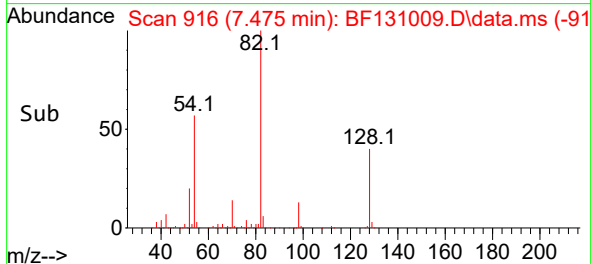
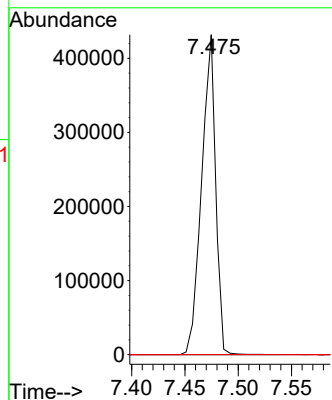
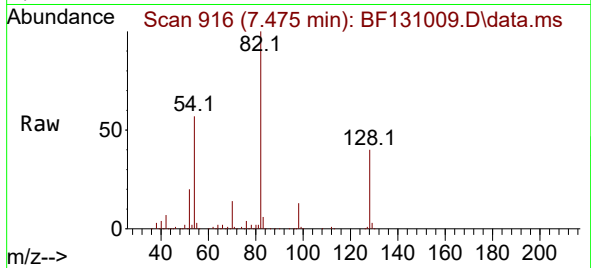




#25
Isophorone
Concen: 44.194 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

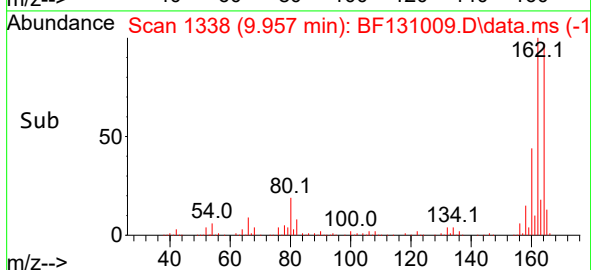
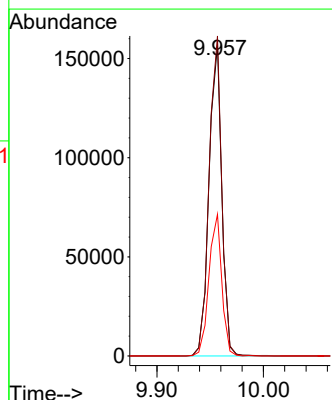
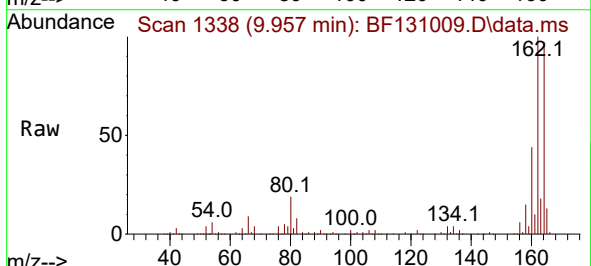
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

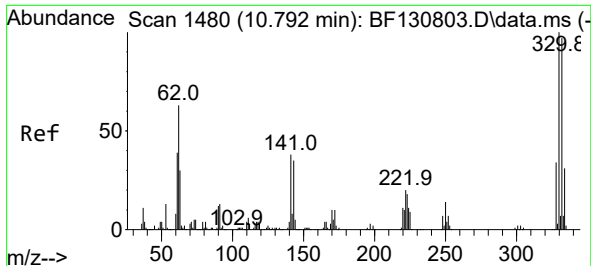
Tgt Ion: 82 Resp: 397781
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

Tgt Ion: 164 Resp: 131700
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 45.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 117.595 ng

RT: 10.745 min Scan# 1480

Delta R.T. -0.012 min

Lab File: BF131009.D

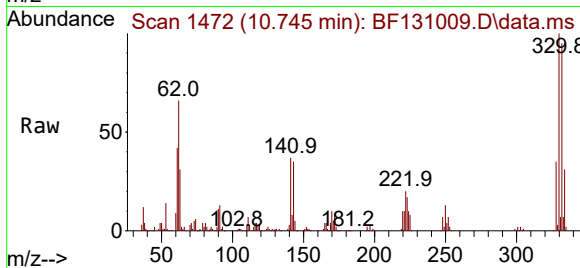
Acq: 05 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP



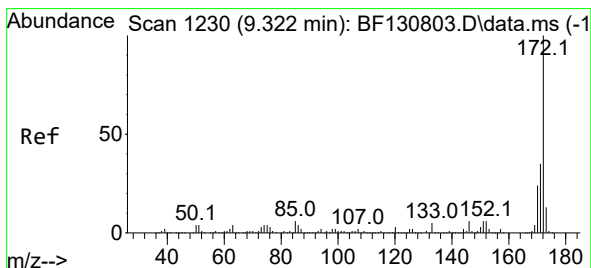
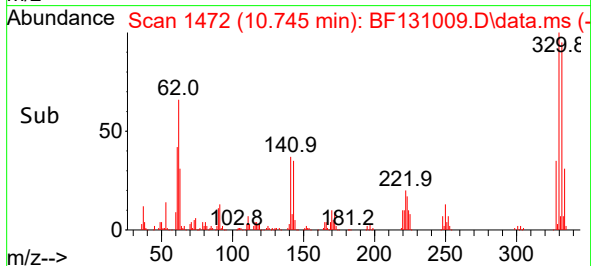
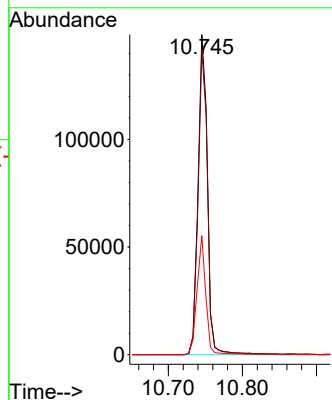
Tgt Ion:330 Resp: 130372

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 35.0 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 76.858 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF131009.D

Acq: 05 Nov 2022 01:14

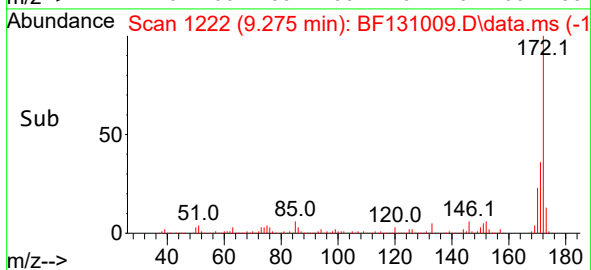
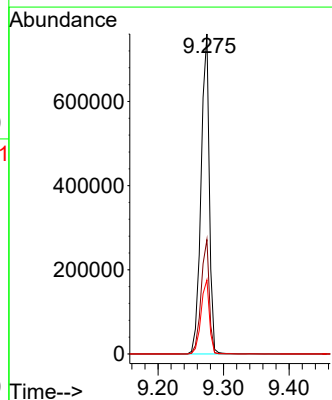
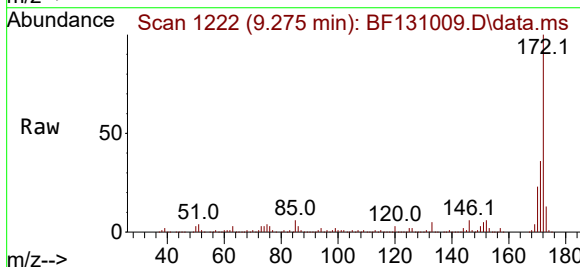
Tgt Ion:172 Resp: 669506

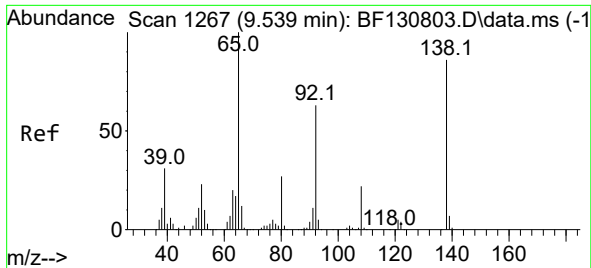
Ion Ratio Lower Upper

172 100

171 35.8 28.1 42.1

170 23.2 19.0 28.4





#48

2-Nitroaniline

Concen: 4.635 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.230 min

Lab File: BF131009.D

Acq: 05 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

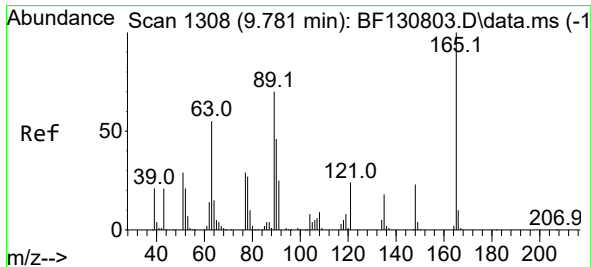
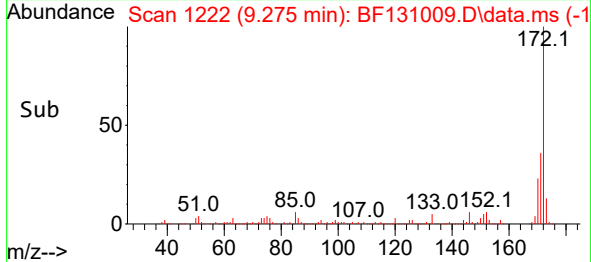
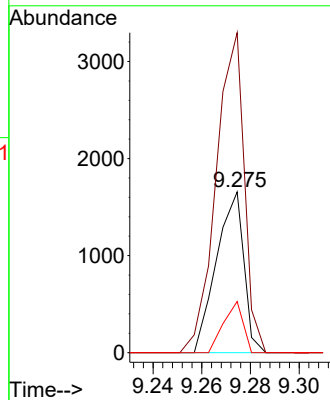
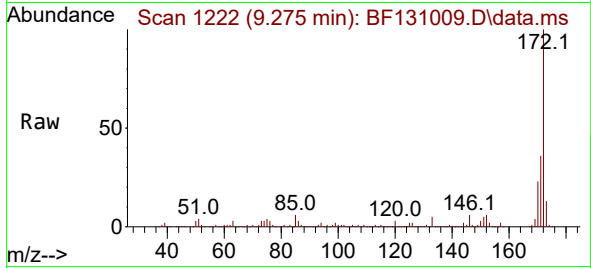
Tgt Ion: 65 Resp: 1292

Ion Ratio Lower Upper

65 100

92 199.1 50.1 75.1#

138 31.8 69.2 103.8#



#51

2,6-Dinitrotoluene

Concen: 12.321 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.212 min

Lab File: BF131009.D

Acq: 05 Nov 2022 01:14

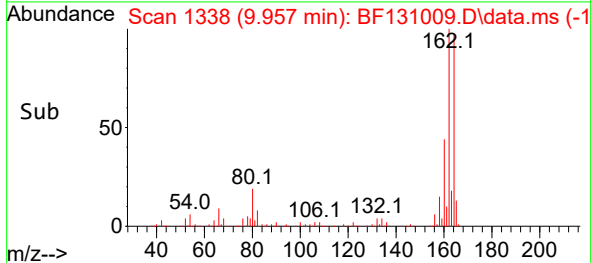
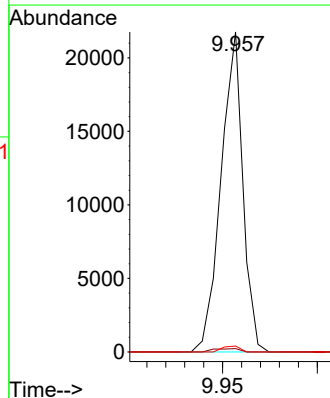
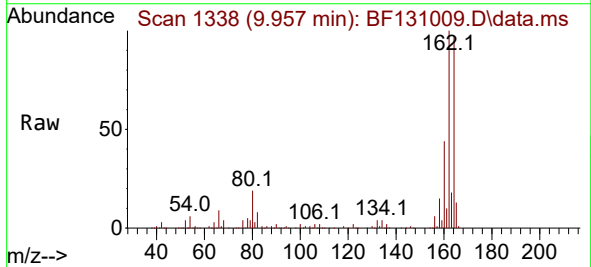
Tgt Ion: 165 Resp: 17403

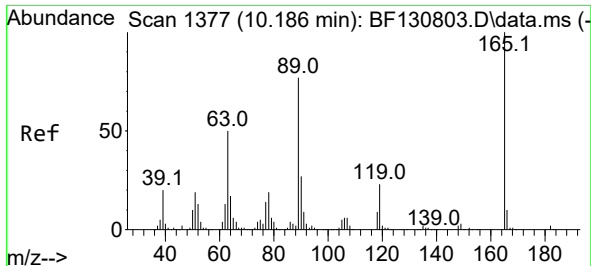
Ion Ratio Lower Upper

165 100

63 1.0 61.8 92.8#

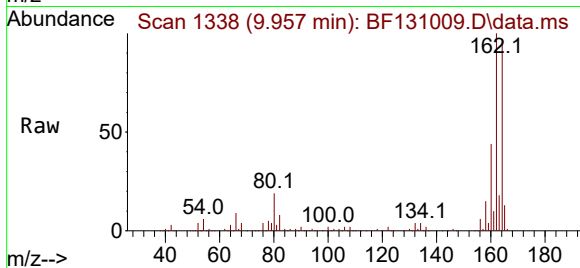
89 1.9 56.2 84.4#



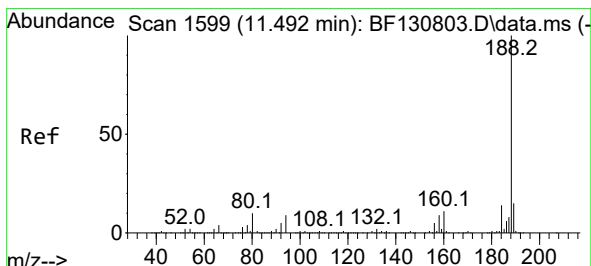
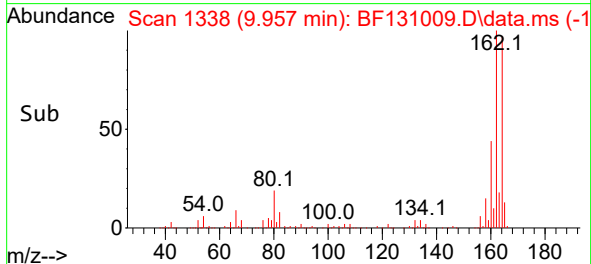
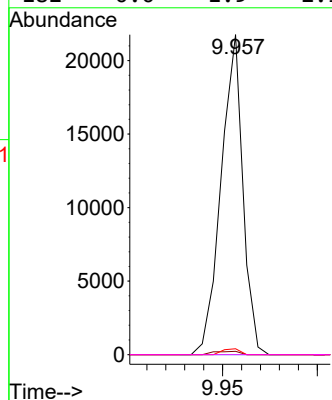


#57
2,4-Dinitrotoluene
Concen: 11.140 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

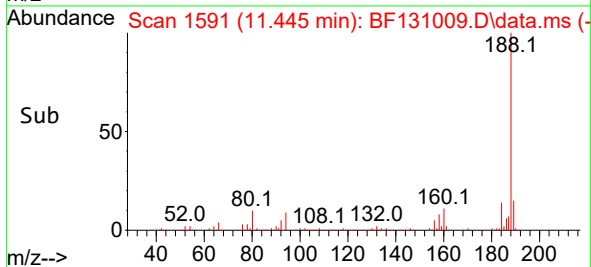
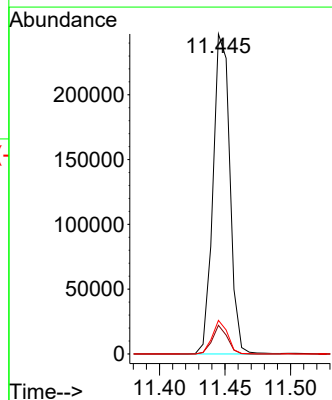
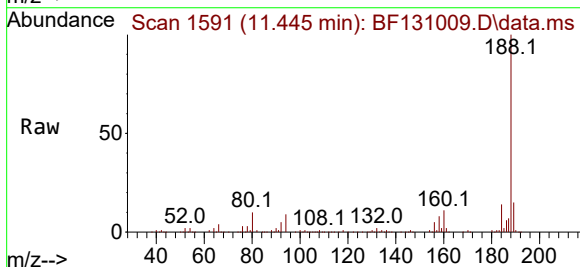


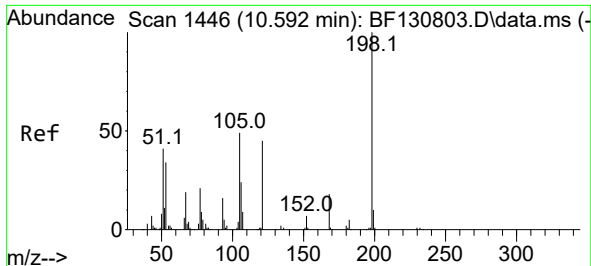
Tgt Ion:165 Resp: 17403
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.9 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

Tgt Ion:188 Resp: 220310
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.5 8.0 12.0

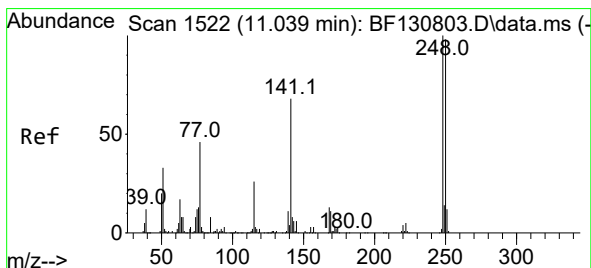
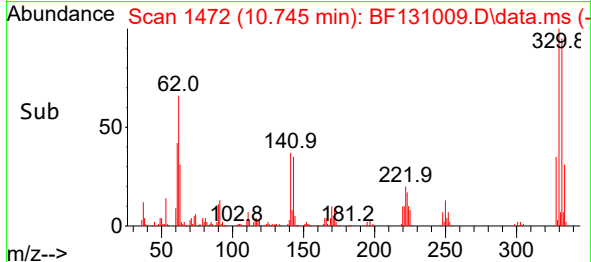
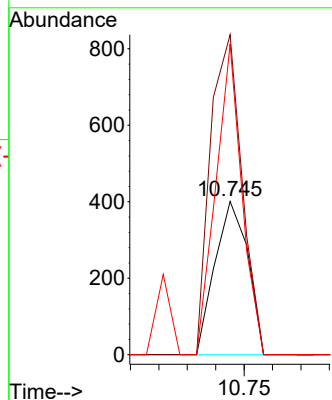
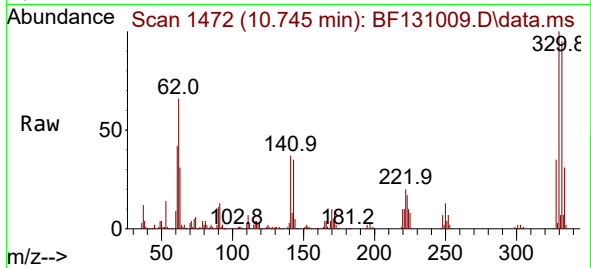




#65
4,6-Dinitro-2-methylphenol
Concen: 8.219 ng
RT: 10.745 min Scan# 1446
Delta R.T. 0.182 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

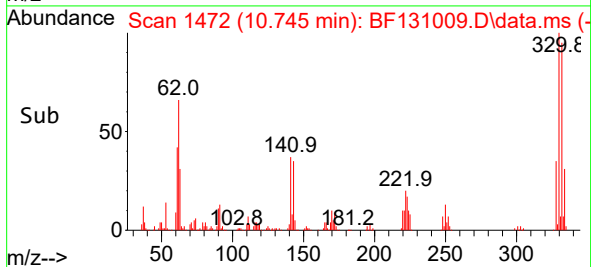
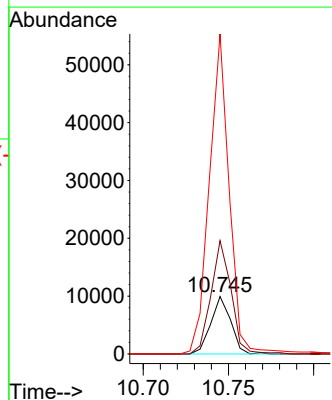
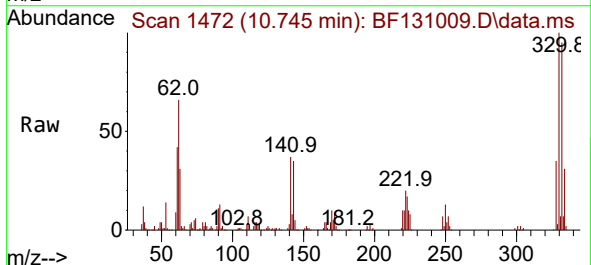
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

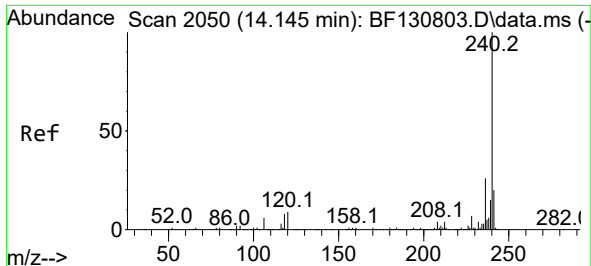
Tgt Ion:198 Resp: 321
Ion Ratio Lower Upper
198 100
51 208.7 39.0 79.0#
105 202.7 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.656 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

Tgt Ion:248 Resp: 8100
Ion Ratio Lower Upper
248 100
250 197.5 78.6 117.8#
141 557.7 54.2 81.4#

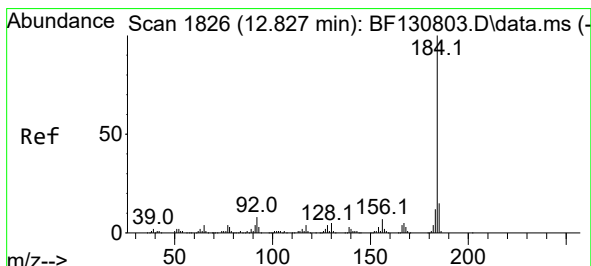
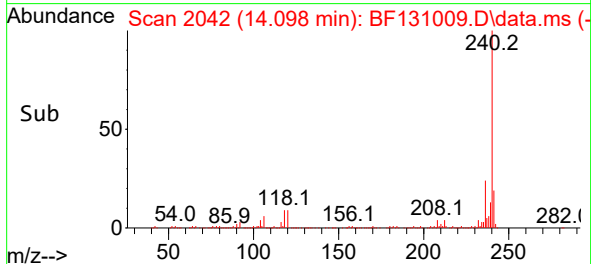
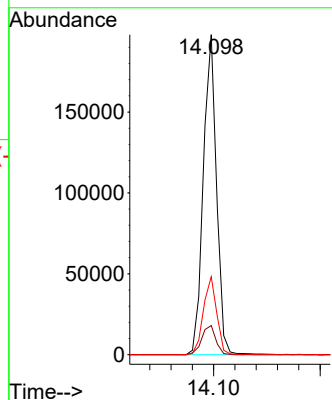
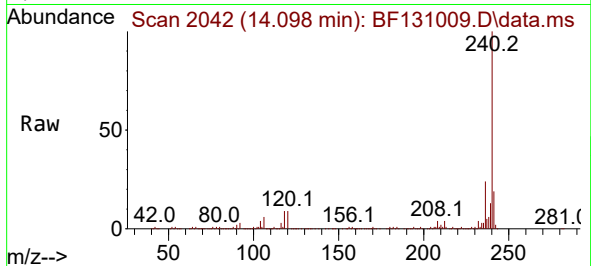




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

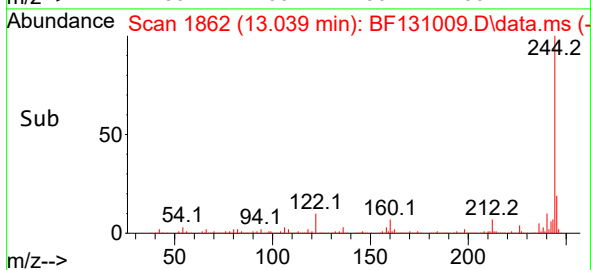
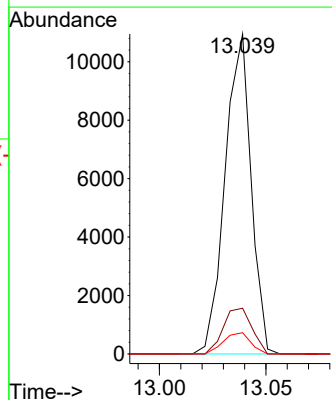
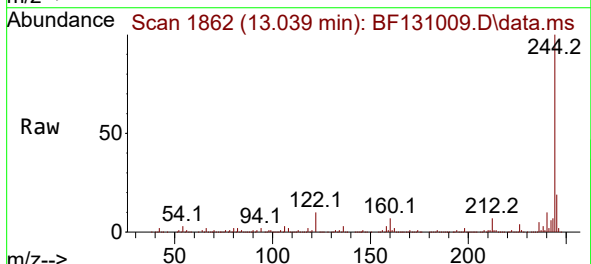
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

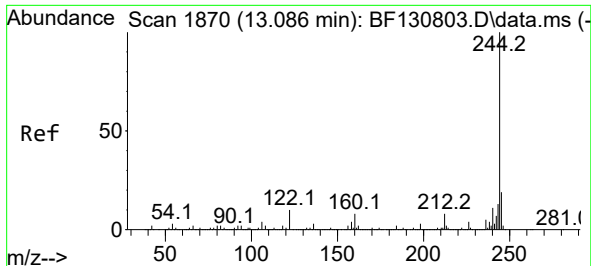
Tgt Ion:240 Resp: 170691
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 24.4 20.5 30.7



#77
Benzidine
Concen: 2.242 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF131009.D
Acq: 05 Nov 2022 01:14

Tgt Ion:184 Resp: 9289
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 6.6 9.7 14.5#

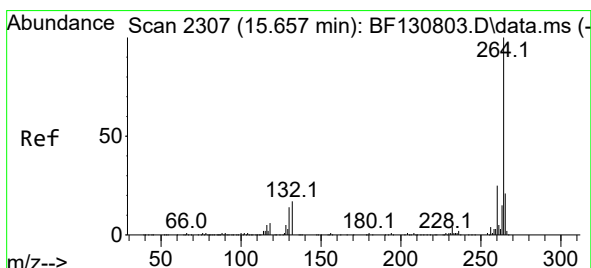
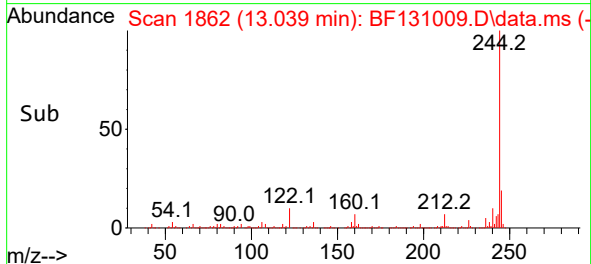
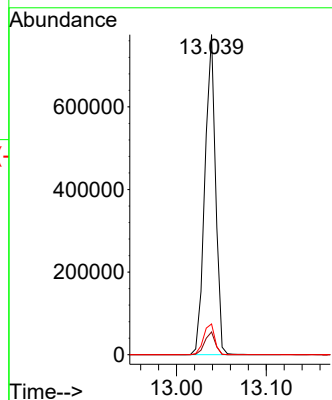
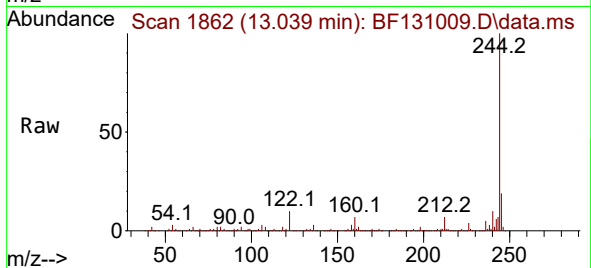




#79
 Terphenyl-d14
 Concen: 68.623 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131009.D
 Acq: 05 Nov 2022 01:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:244 Resp: 639220
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.6 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF131009.D
 Acq: 05 Nov 2022 01:14

Tgt Ion:264 Resp: 178861
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.9 29.9
 265 21.5 17.0 25.6

