

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131758.D
 Acq On : 21 Dec 2022 22:01
 Operator : CG\JU
 Sample : N6071-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP8-COMP-08

Quant Time: Dec 22 05:51:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

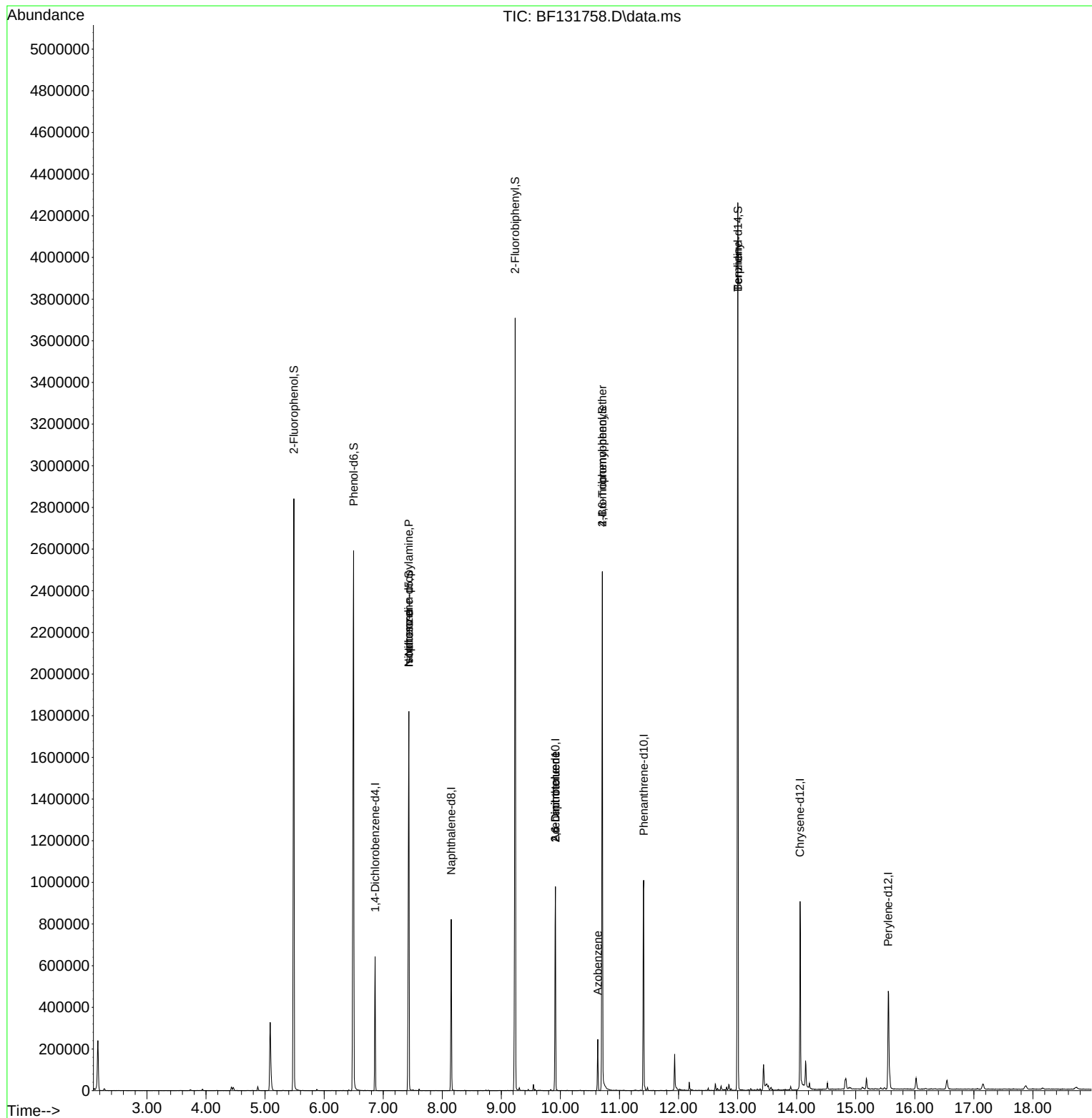
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82771	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	317369	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	193796	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	386636	20.000	ng	0.00
76) Chrysene-d12	14.057	240	289249	20.000	ng	0.00
86) Perylene-d12	15.551	264	227962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	743886	151.336	ng	0.01
7) Phenol-d6	6.498	99	977930	147.811	ng	0.00
23) Nitrobenzene-d5	7.434	82	680401	87.033	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	273177	128.786	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1127326	81.487	ng	0.00
79) Terphenyl-d14	13.004	244	1460142	78.675	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.416	77	930	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.434	70	93296	19.552	ng	# 78
25) Isophorone	7.434	82	677797	51.052	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	25016	7.978	ng	# 20
57) 2,4-Dinitrotoluene	9.916	165	25016	5.937	ng	# 19
63) Azobenzene	10.633	77	41402	2.683	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	17971	3.935	ng	# 1
77) Benzidine	13.004	184	22318	4.208	ng	# 89

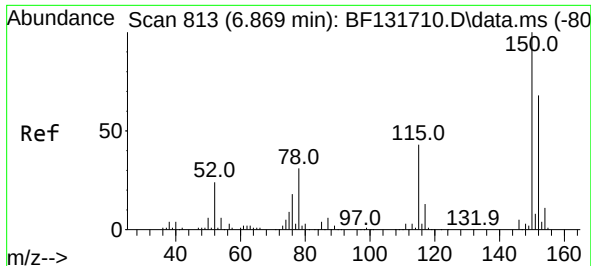
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131758.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

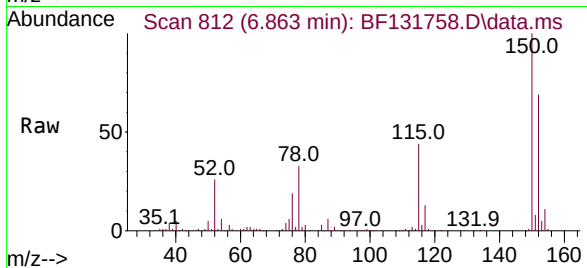
Quant Time: Dec 22 05:51:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration



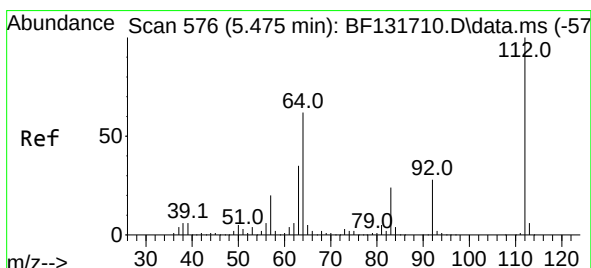
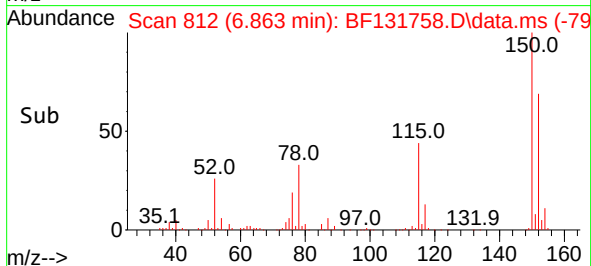
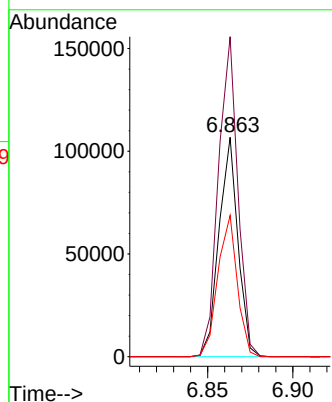


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

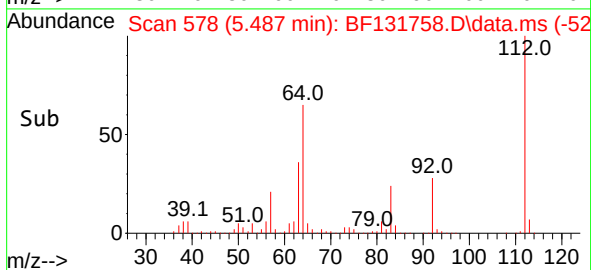
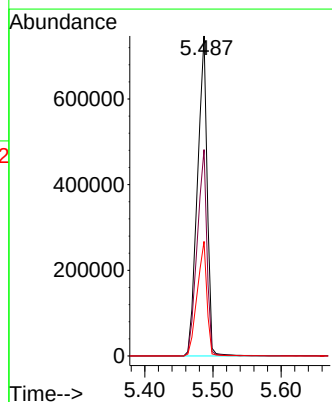
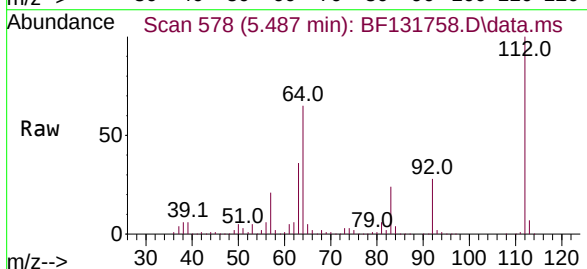


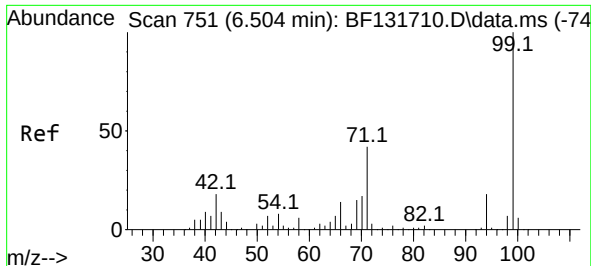
Tgt Ion:152 Resp: 82771
Ion Ratio Lower Upper
152 100
150 145.9 117.4 176.0
115 64.4 50.2 75.4



#5
2-Fluorophenol
Concen: 151.336 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

Tgt Ion:112 Resp: 743886
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 35.8 28.2 42.2

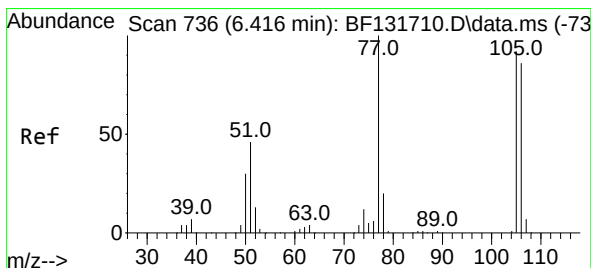
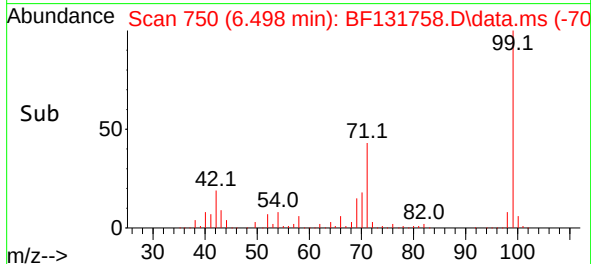
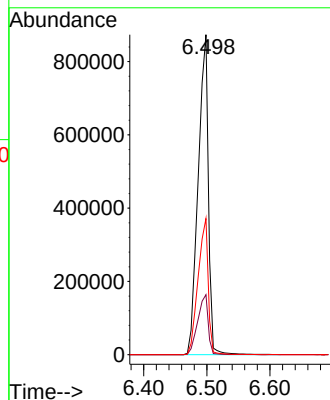
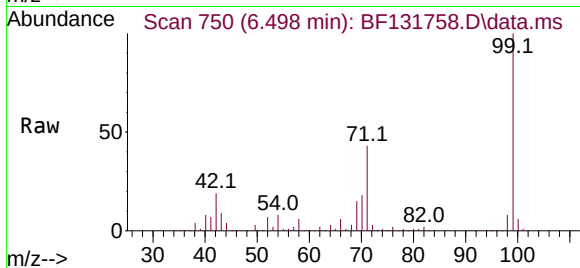




#7
Phenol-d6
Concen: 147.811 ng
RT: 6.498 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

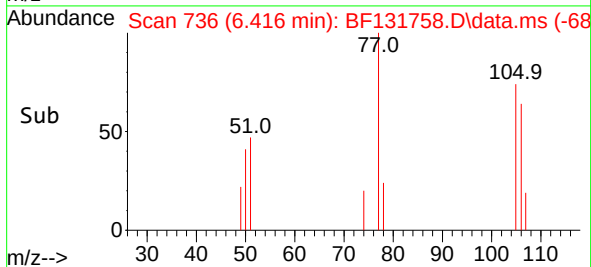
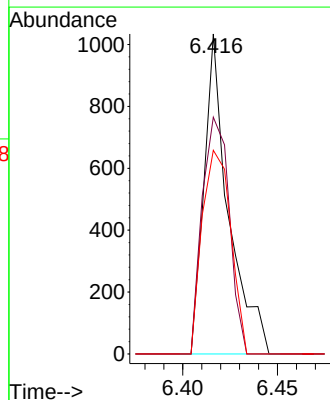
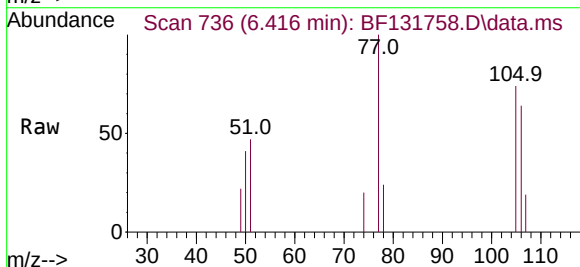
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

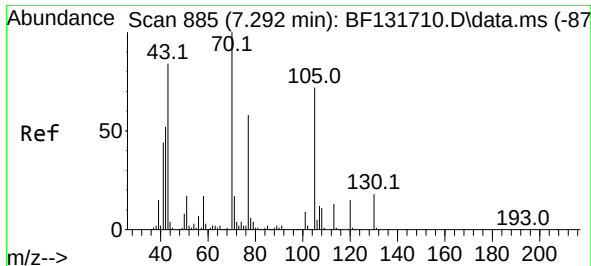
Tgt Ion: 99 Resp: 977930
Ion Ratio Lower Upper
99 100
42 18.8 14.8 22.2
71 42.6 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

Tgt Ion: 77 Resp: 930
Ion Ratio Lower Upper
77 100
105 74.0 72.4 112.4
106 63.6 66.5 106.5#

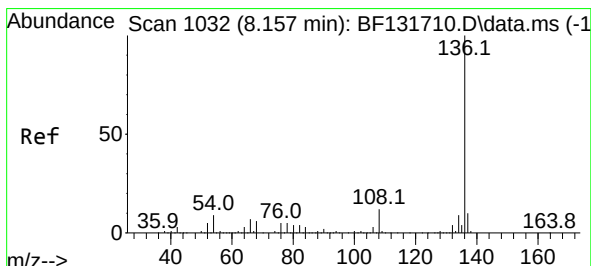
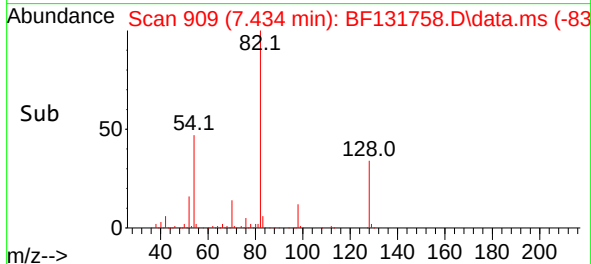
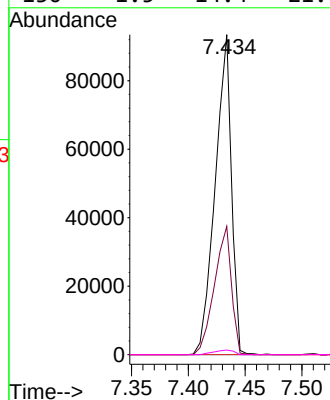
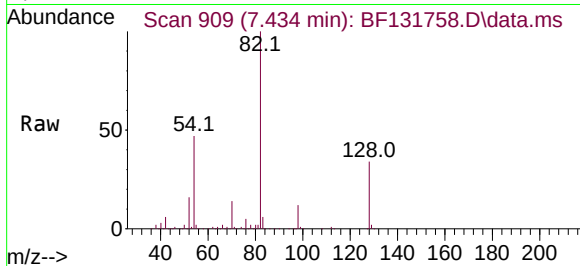




#19
n-Nitroso-di-n-propylamine
Concen: 19.552 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

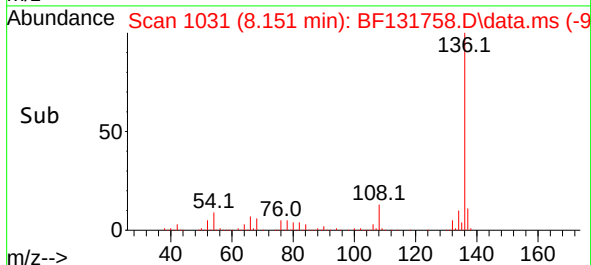
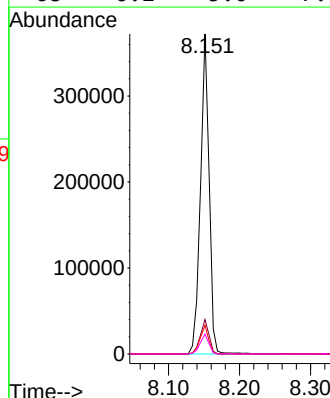
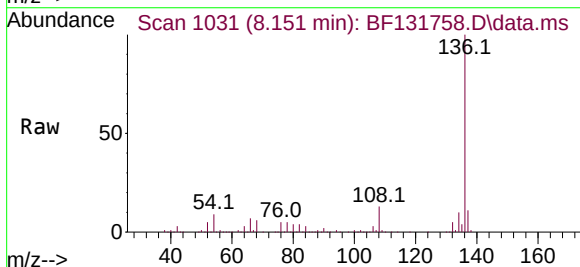
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

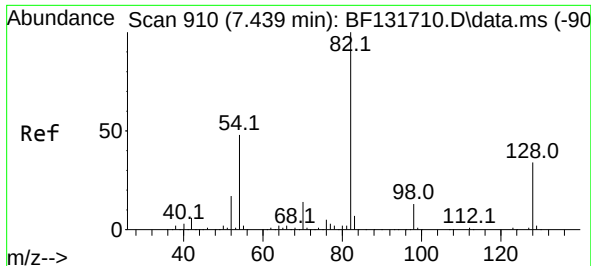
Tgt Ion: 70 Resp: 93296
Ion Ratio Lower Upper
70 100
42 40.1 41.5 62.3#
101 0.0 7.3 10.9#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

Tgt Ion: 136 Resp: 317369
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 9.0 7.2 10.8
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.033 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131758.D

Acq: 21 Dec 2022 22:01

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08

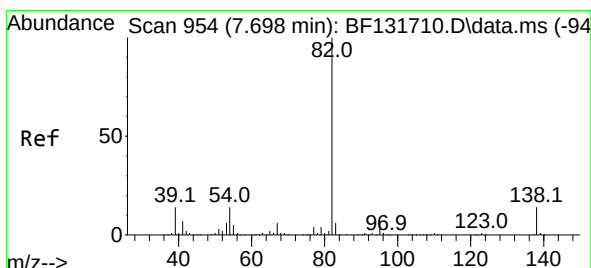
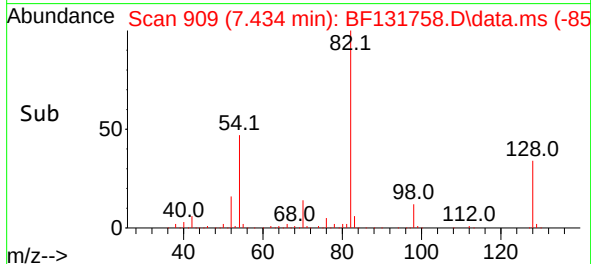
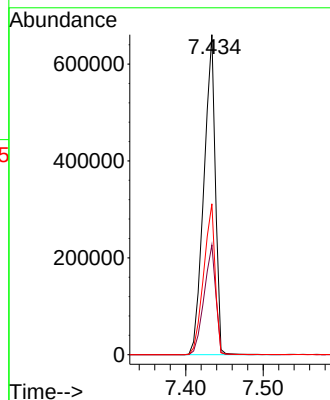
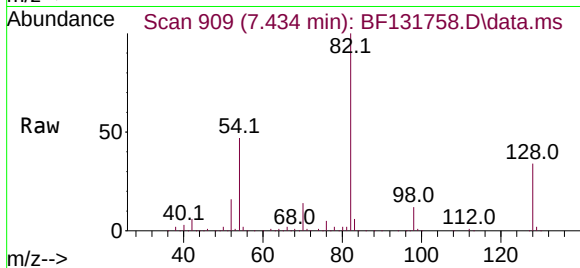
Tgt Ion: 82 Resp: 680401

Ion Ratio Lower Upper

82 100

128 34.3 27.3 40.9

54 47.2 38.2 57.2



#25

Isophorone

Concen: 51.052 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.264 min

Lab File: BF131758.D

Acq: 21 Dec 2022 22:01

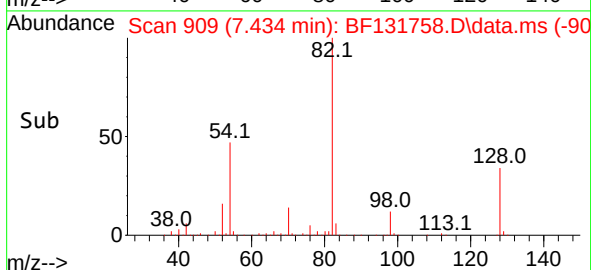
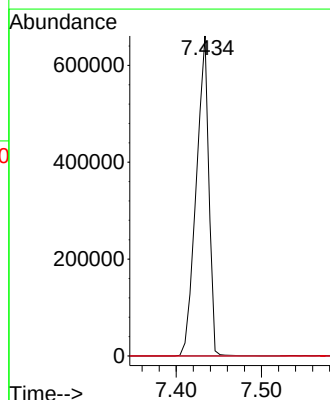
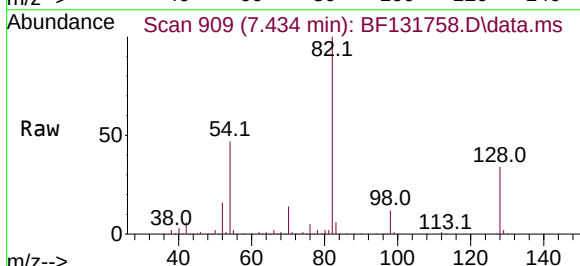
Tgt Ion: 82 Resp: 677797

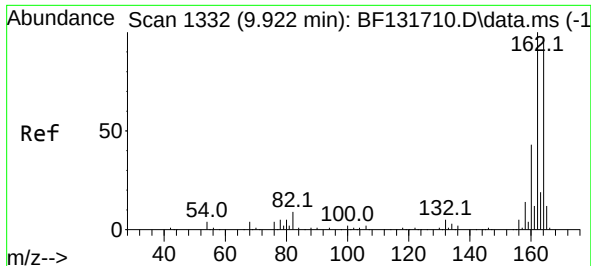
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

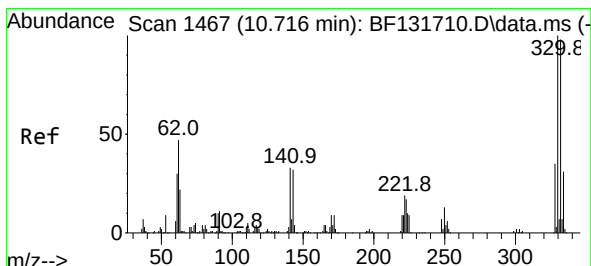
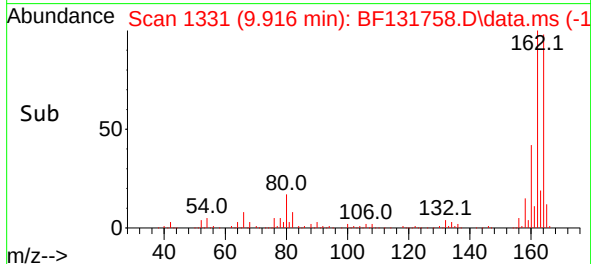
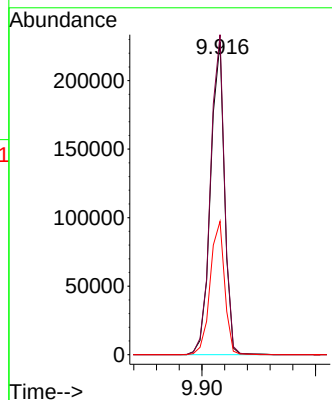
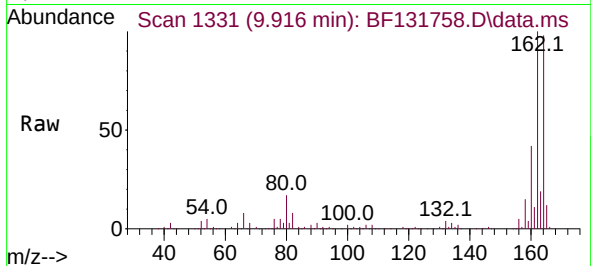




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

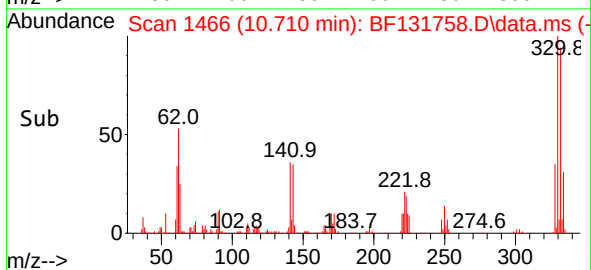
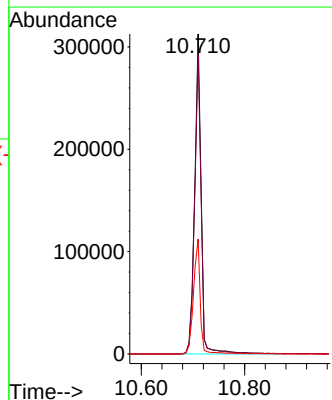
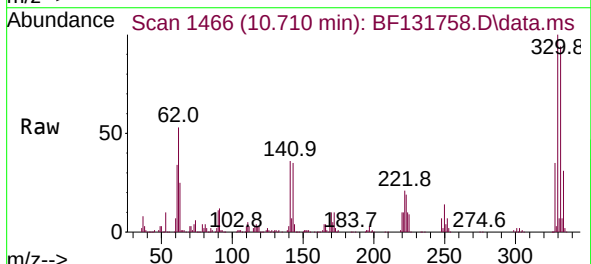
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

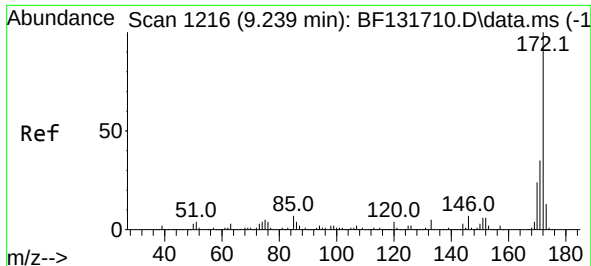
Tgt Ion:164 Resp: 193796
Ion Ratio Lower Upper
164 100
162 102.3 83.7 125.5
160 42.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 128.786 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

Tgt Ion:330 Resp: 273177
Ion Ratio Lower Upper
330 100
332 94.6 77.1 115.7
141 37.7 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 81.487 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131758.D

Acq: 21 Dec 2022 22:01

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08

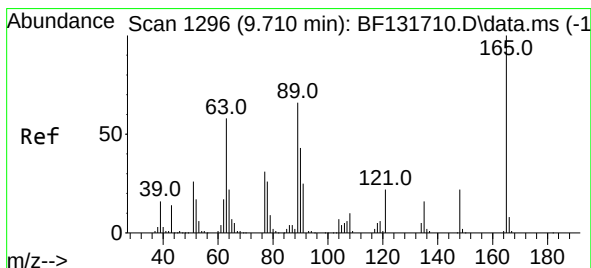
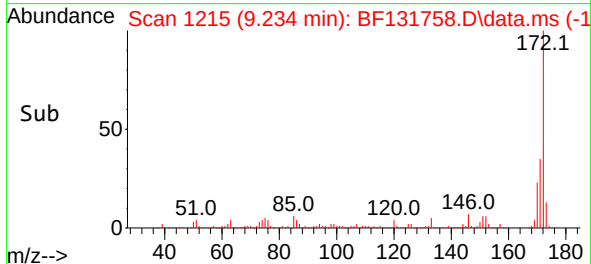
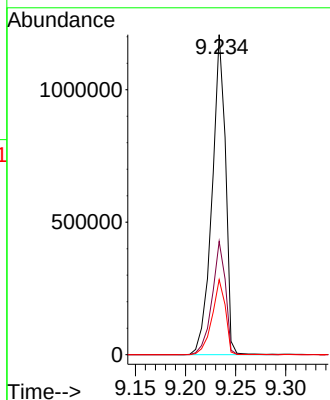
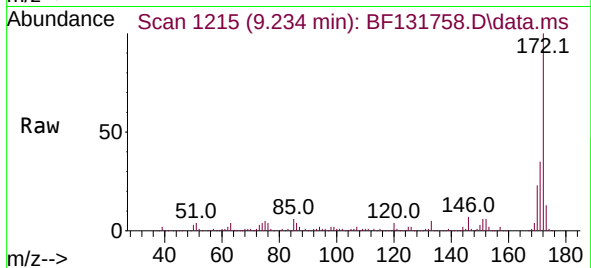
Tgt Ion:172 Resp: 1127326

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.5 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.978 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131758.D

Acq: 21 Dec 2022 22:01

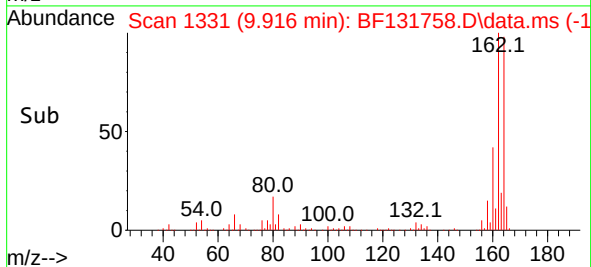
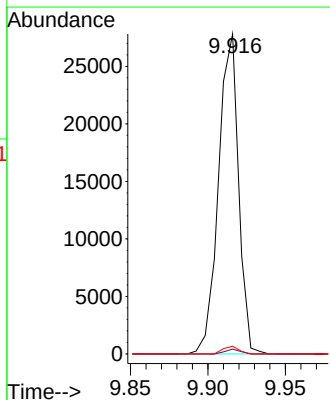
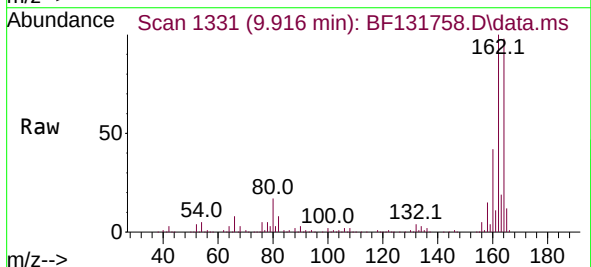
Tgt Ion:165 Resp: 25016

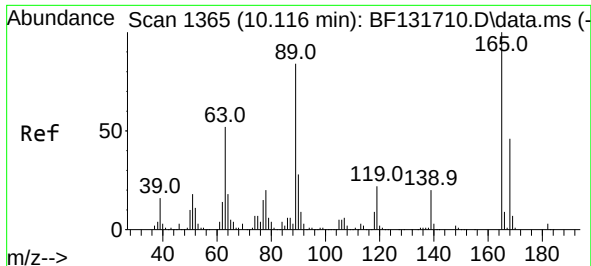
Ion Ratio Lower Upper

165 100

63 1.5 51.8 77.8#

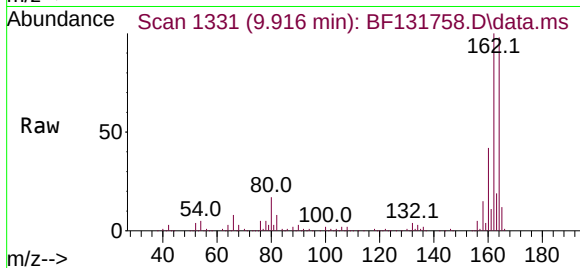
89 2.4 53.2 79.8#



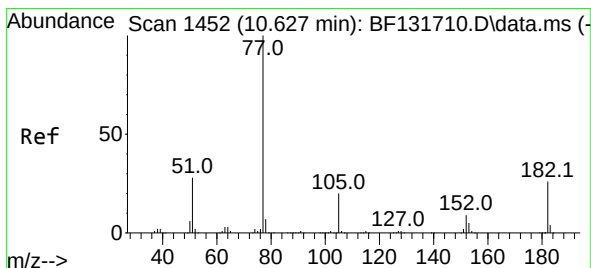
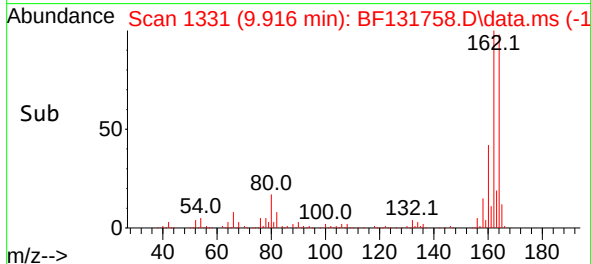
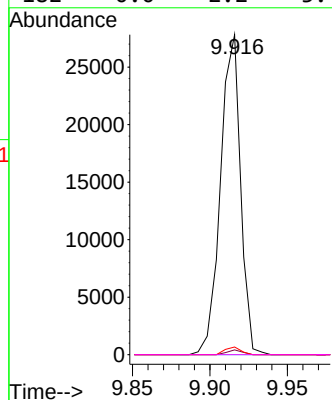


#57
2,4-Dinitrotoluene
Concen: 5.937 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

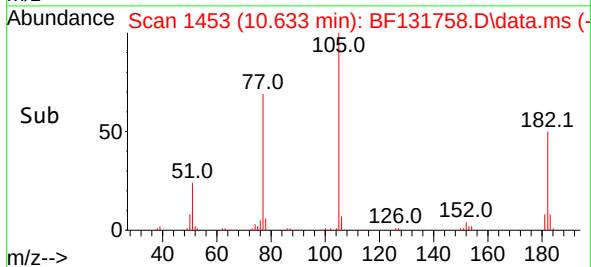
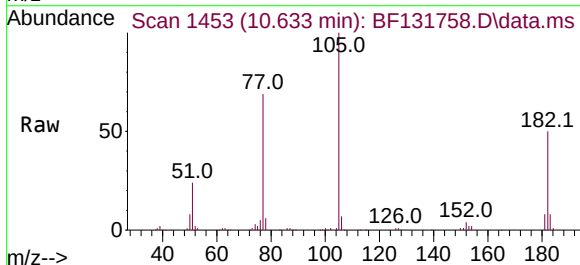
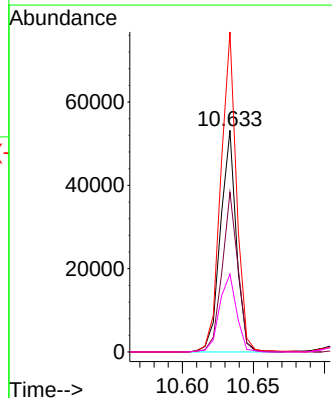


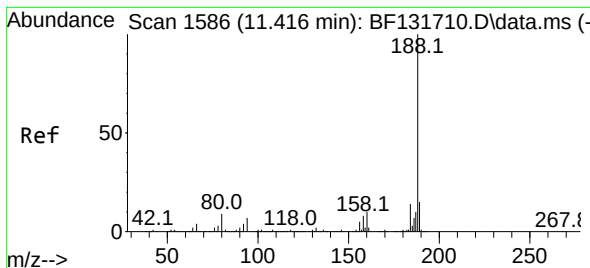
Tgt Ion:165 Resp: 25016
Ion Ratio Lower Upper
165 100
63 1.5 41.5 62.3#
89 2.4 67.0 100.4#
182 0.0 2.2 3.4#



#63
Azobenzene
Concen: 2.683 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF131758.D
Acq: 21 Dec 2022 22:01

Tgt Ion: 77 Resp: 41402
Ion Ratio Lower Upper
77 100
182 72.1 5.8 45.8#
105 144.4 0.0 39.7#
51 35.1 8.0 48.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131758.D

Acq: 21 Dec 2022 22:01

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08

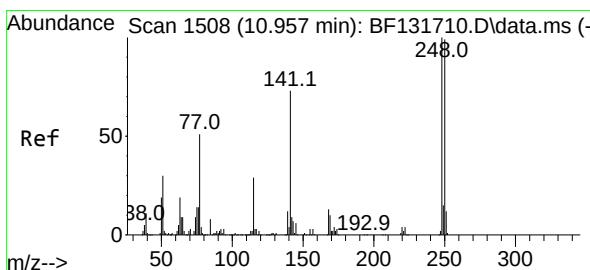
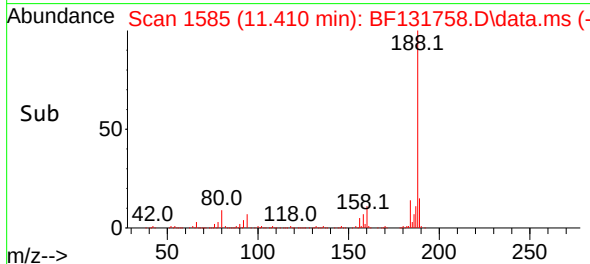
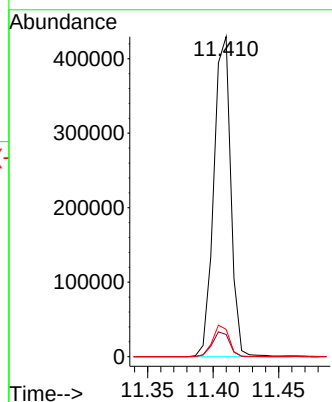
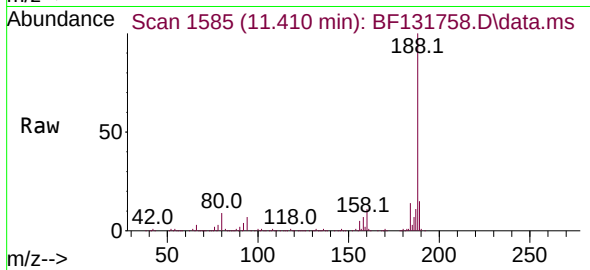
Tgt Ion:188 Resp: 386636

Ion Ratio Lower Upper

188 100

94 7.0 5.9 8.9

80 8.6 7.0 10.6



#67

4-Bromophenyl-phenylether

Concen: 3.935 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.247 min

Lab File: BF131758.D

Acq: 21 Dec 2022 22:01

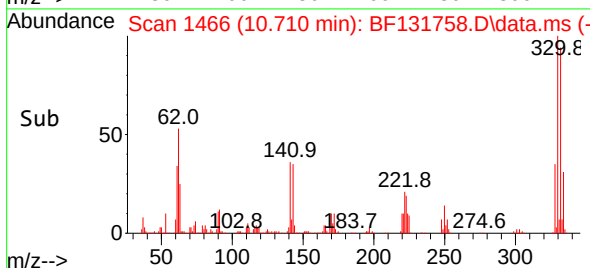
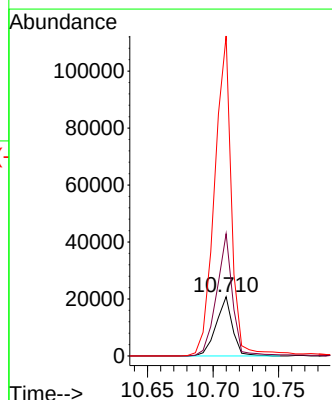
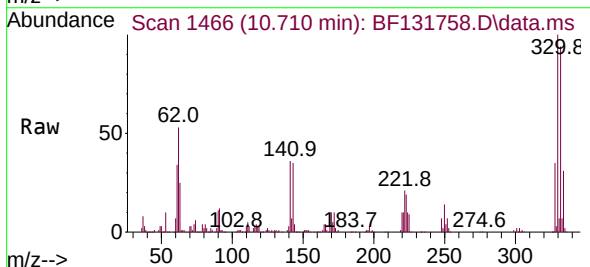
Tgt Ion:248 Resp: 17971

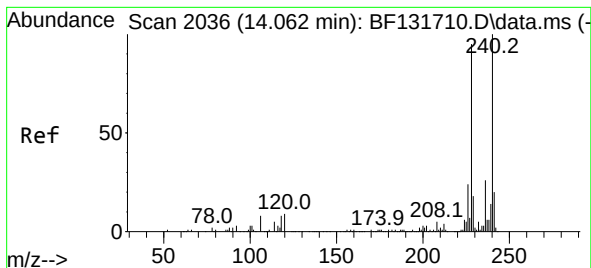
Ion Ratio Lower Upper

248 100

250 206.3 79.4 119.0#

141 540.3 58.1 87.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF131758.D

Acq: 21 Dec 2022 22:01

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08

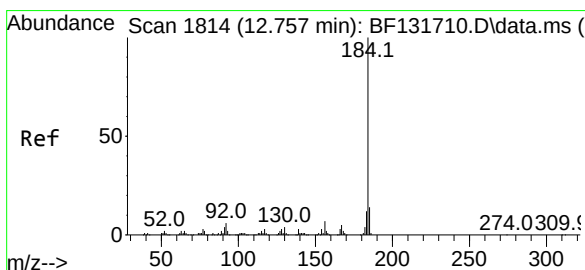
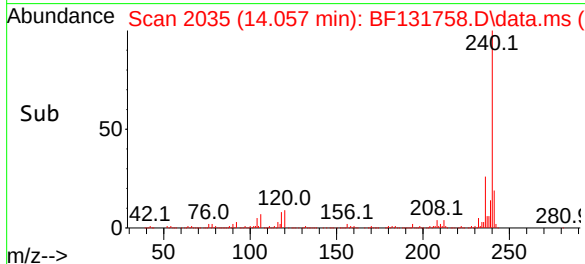
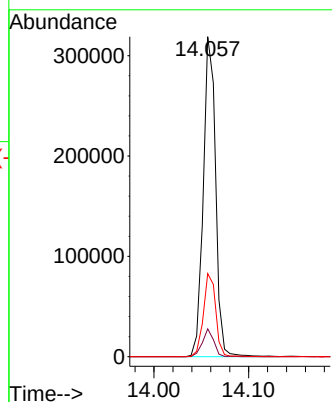
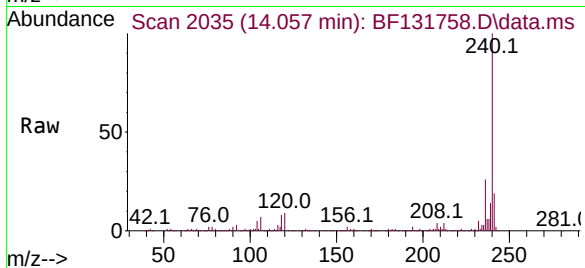
Tgt Ion:240 Resp: 289249

Ion Ratio Lower Upper

240 100

120 8.7 7.6 11.4

236 26.0 21.2 31.8



#77

Benzidine

Concen: 4.208 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.247 min

Lab File: BF131758.D

Acq: 21 Dec 2022 22:01

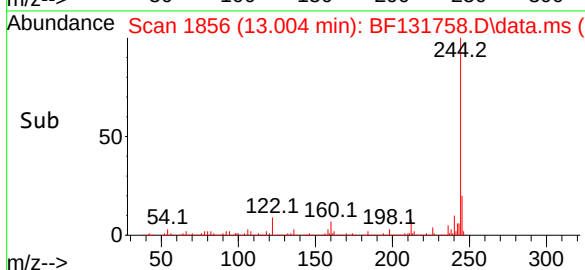
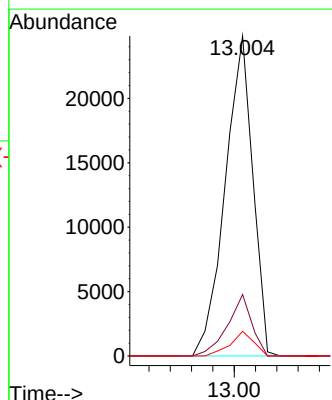
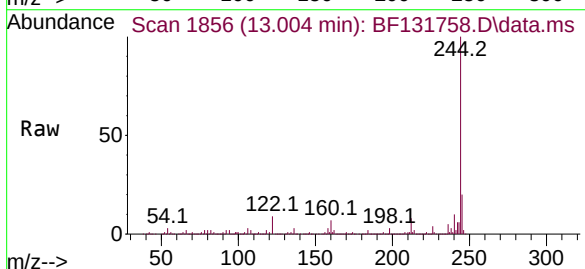
Tgt Ion:184 Resp: 22318

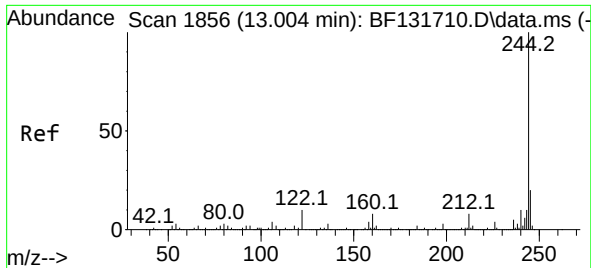
Ion Ratio Lower Upper

184 100

185 19.2 11.3 16.9#

183 7.7 9.3 13.9#

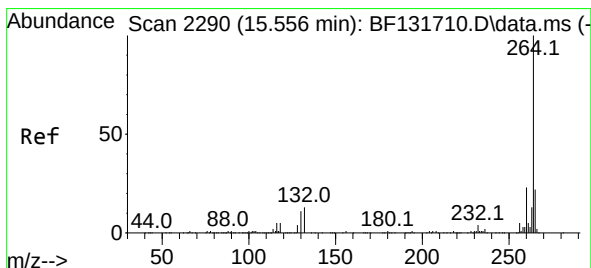
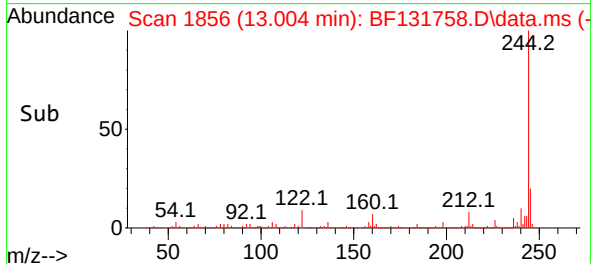
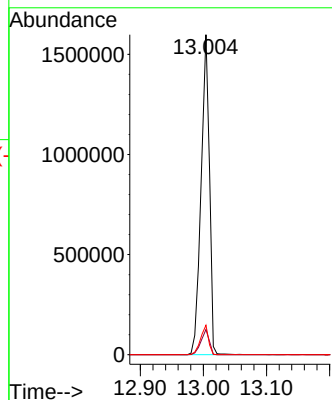
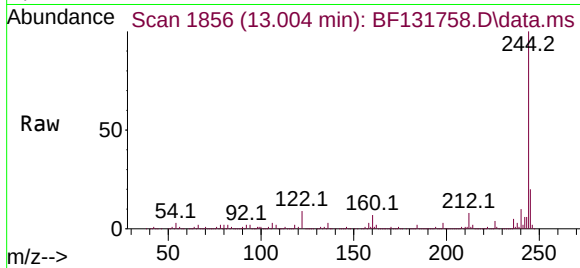




#79
 Terphenyl-d14
 Concen: 78.675 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131758.D
 Acq: 21 Dec 2022 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP8-COMP-08

Tgt Ion:244 Resp: 1460142
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF131758.D
 Acq: 21 Dec 2022 22:01

Tgt Ion:264 Resp: 227962
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 23.0 17.4 26.2

