

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131762.D
 Acq On : 22 Dec 2022 00:06
 Operator : CG\JU
 Sample : N6148-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3052

Quant Time: Dec 22 05:53:00 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

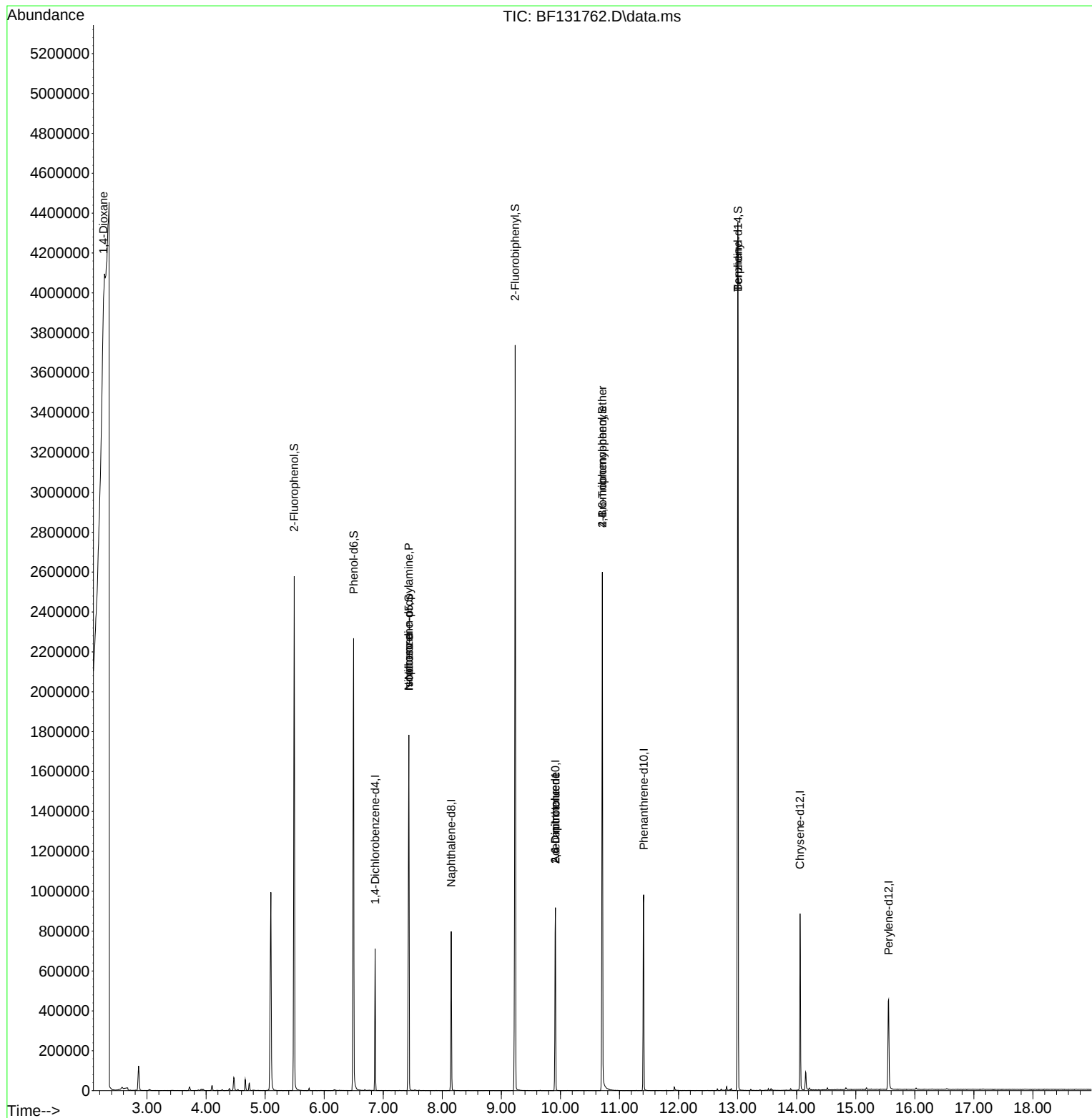
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87005	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	313484	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	182880	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	371595	20.000	ng	0.00
76) Chrysene-d12	14.057	240	286639	20.000	ng	0.00
86) Perylene-d12	15.557	264	230763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	660358	127.805	ng	0.02
7) Phenol-d6	6.498	99	786699	113.121	ng	0.00
23) Nitrobenzene-d5	7.434	82	656156	84.972	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	293809	146.780	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1143209	87.567	ng	0.00
79) Terphenyl-d14	13.004	244	1620186	88.093	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.263	88	5157	2.136	ng	# 23
9) Benzaldehyde	6.428	77	58	Below Cal		# 5
19) n-Nitroso-di-n-propyla...	7.434	70	89925	17.929	ng	# 80
25) Isophorone	7.434	82	653320	49.819	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	22995	7.771	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	22995	5.783	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	19258	4.388	ng	# 1
77) Benzidine	13.004	184	25058	4.767	ng	# 92

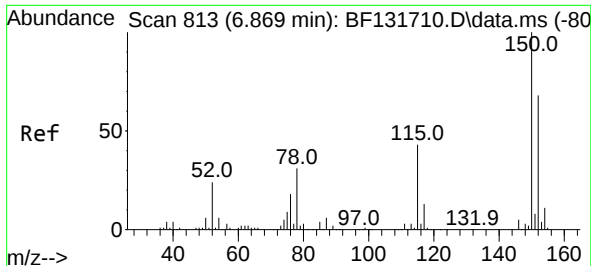
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131762.D
Acq On : 22 Dec 2022 00:06
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Sample : N6148-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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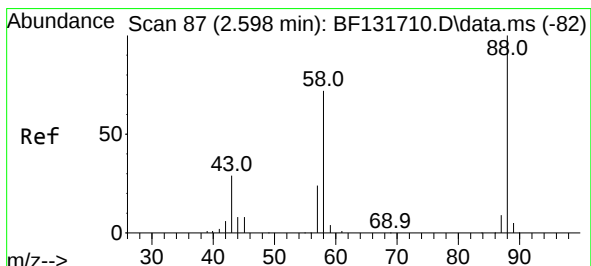
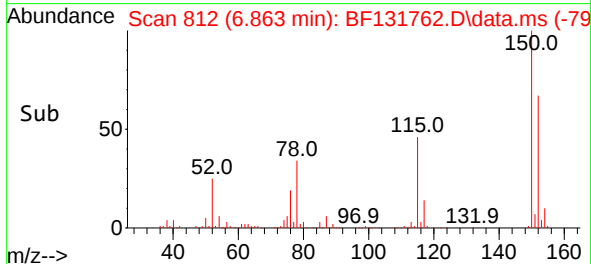
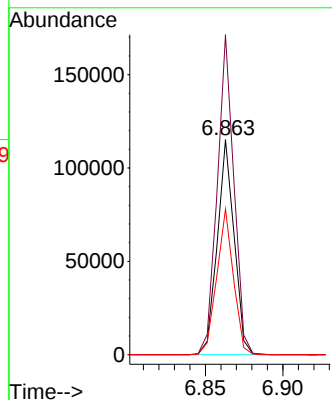
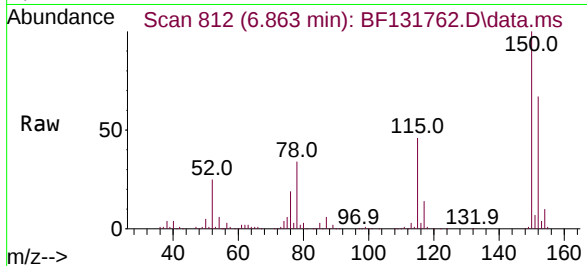




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

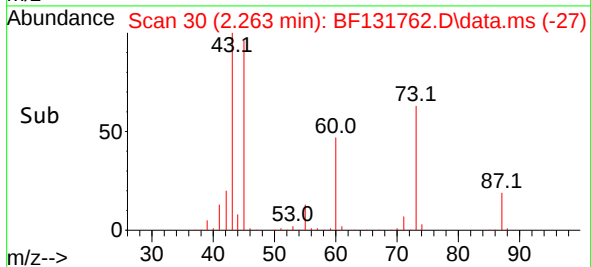
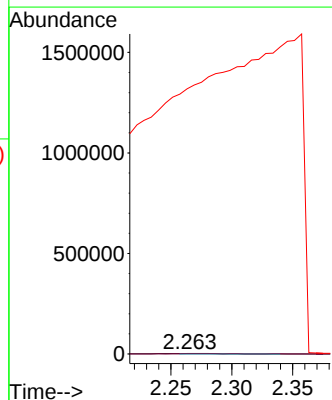
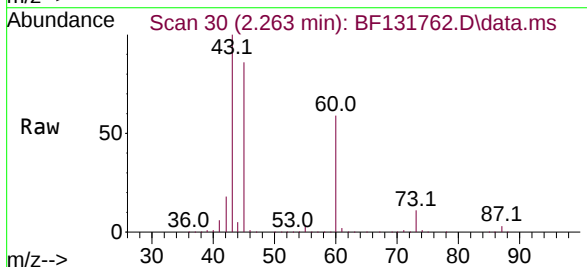
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3052

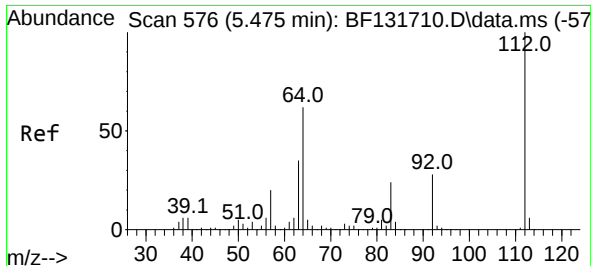
Tgt Ion:152 Resp: 87005
Ion Ratio Lower Upper
152 100
150 148.8 117.4 176.0
115 67.7 50.2 75.4



#2
1,4-Dioxane
Concen: 2.136 ng
RT: 2.263 min Scan# 30
Delta R.T. -0.335 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

Tgt Ion: 88 Resp: 5157
Ion Ratio Lower Upper
88 100
58 0.0 57.5 86.3#
43 0.0 23.3 34.9#

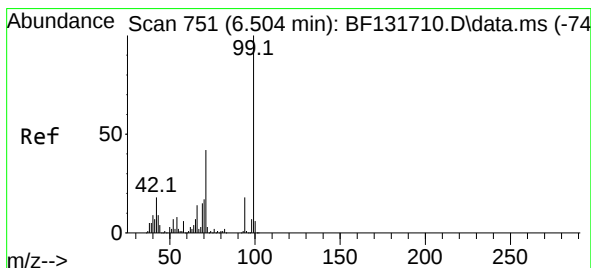
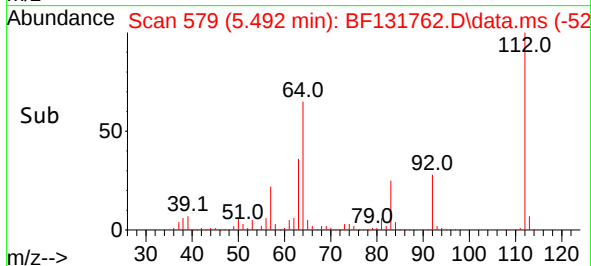
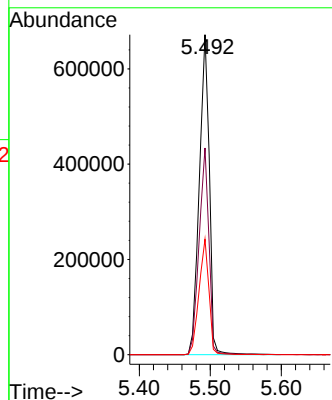
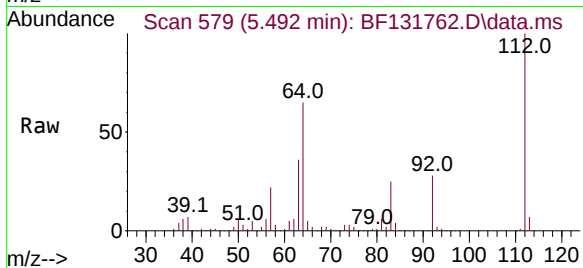




#5
2-Fluorophenol
Concen: 127.805 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

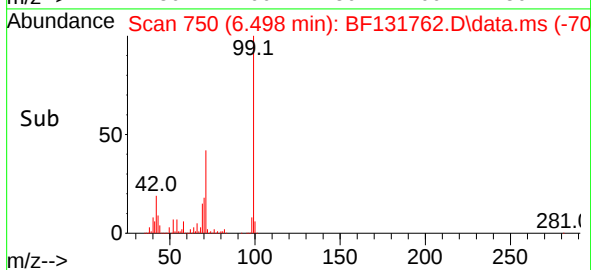
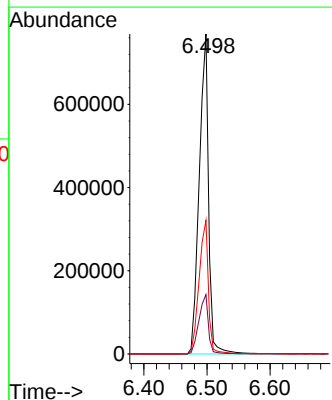
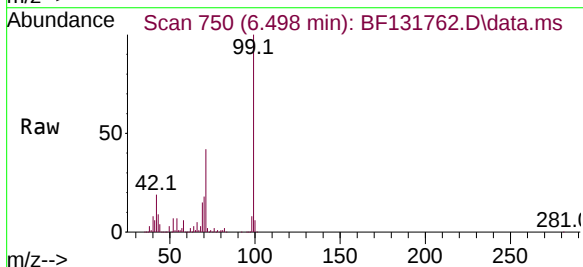
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3052

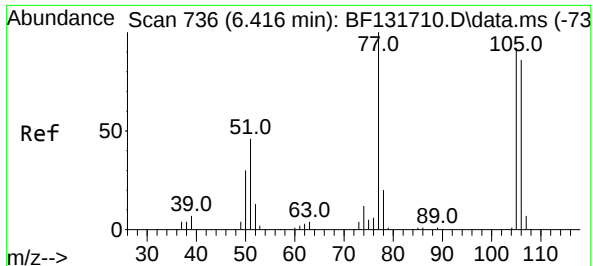
Tgt Ion:112 Resp: 660358
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 36.1 28.2 42.2



#7
Phenol-d6
Concen: 113.121 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

Tgt Ion: 99 Resp: 786699
Ion Ratio Lower Upper
99 100
42 18.6 14.8 22.2
71 41.7 33.8 50.6

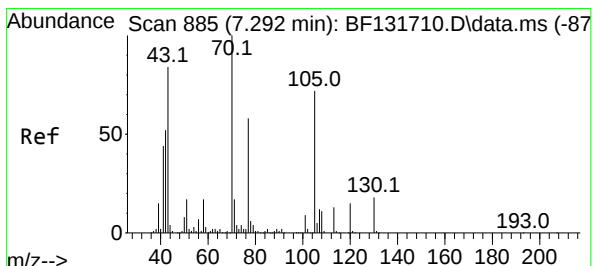
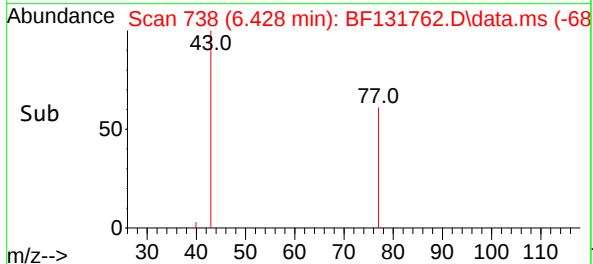
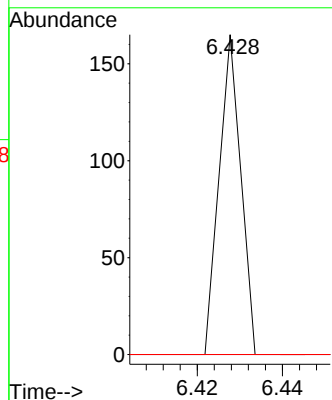
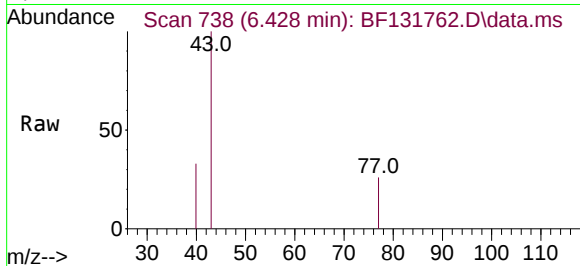




#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

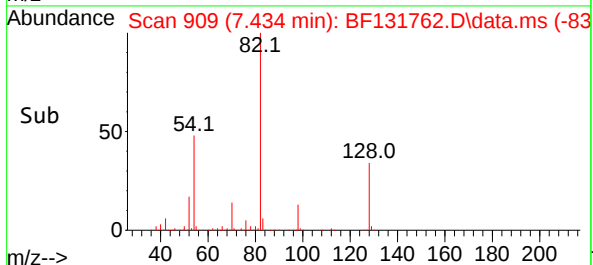
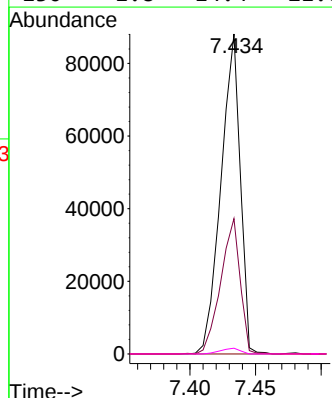
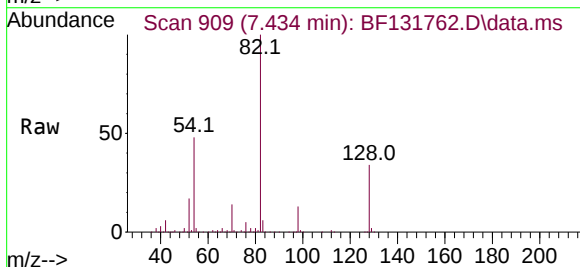
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3052

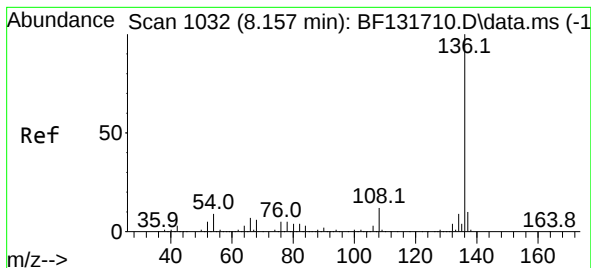
Tgt Ion: 77 Resp: 58
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.929 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

Tgt Ion: 70 Resp: 89925
Ion Ratio Lower Upper
70 100
42 42.3 41.5 62.3
101 0.0 7.3 10.9#
130 1.8 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF131762.D

Acq: 22 Dec 2022 00:06

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3052

Tgt Ion:136 Resp: 313484

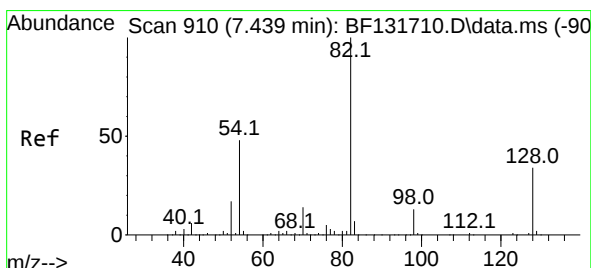
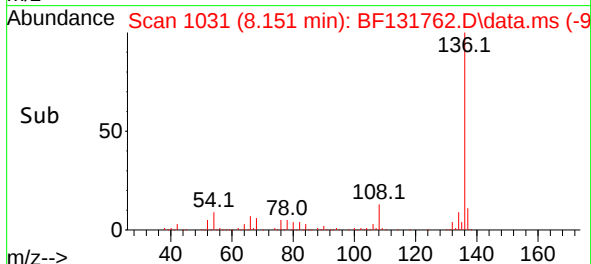
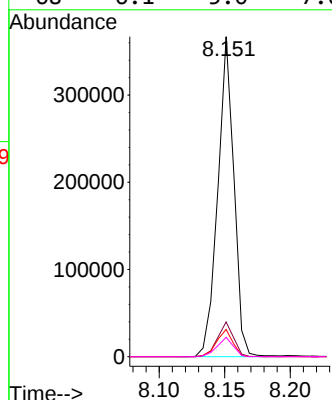
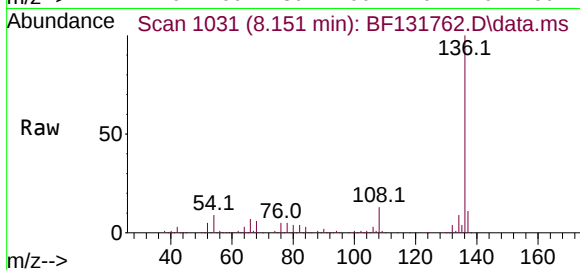
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.5 7.2 10.8

68 6.1 5.0 7.6



#23

Nitrobenzene-d5

Concen: 84.972 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131762.D

Acq: 22 Dec 2022 00:06

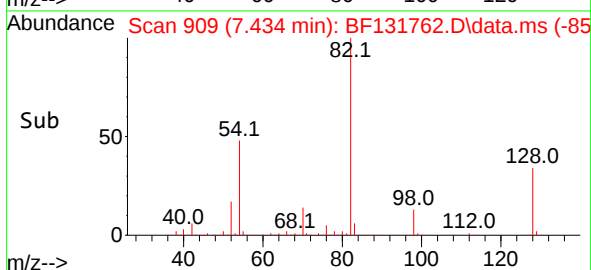
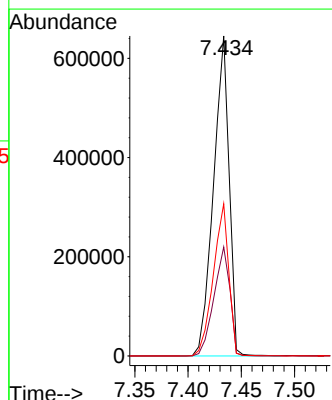
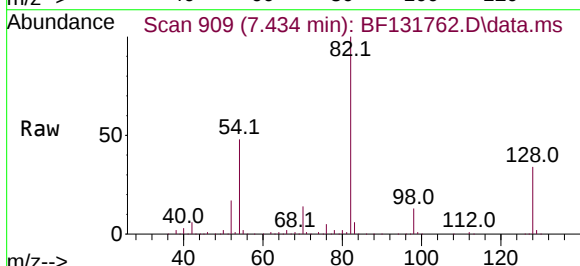
Tgt Ion: 82 Resp: 656156

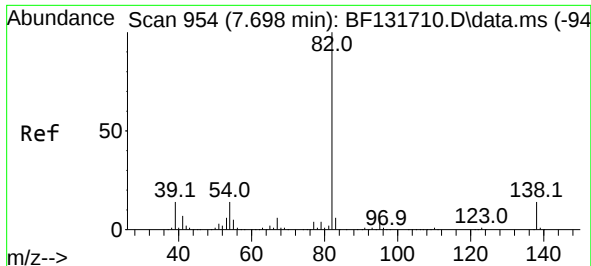
Ion Ratio Lower Upper

82 100

128 34.1 27.3 40.9

54 47.5 38.2 57.2

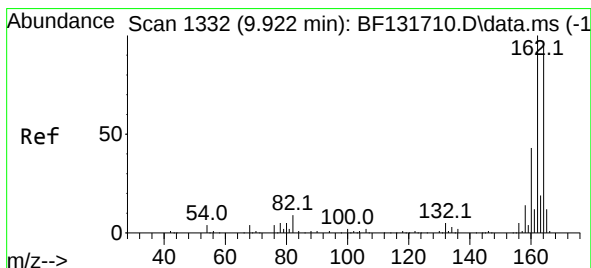
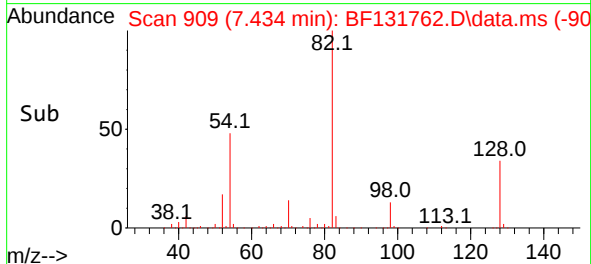
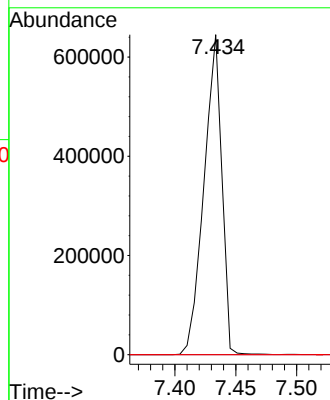
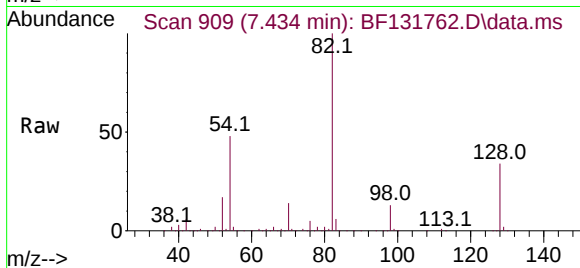




#25
Isophorone
Concen: 49.819 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

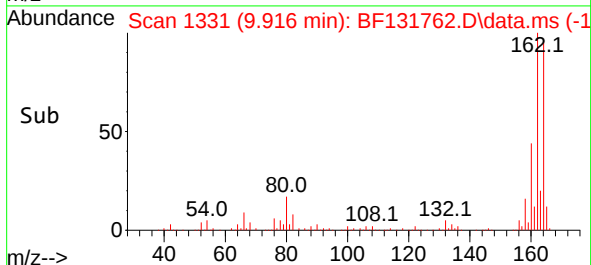
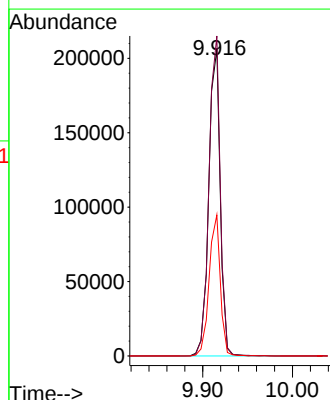
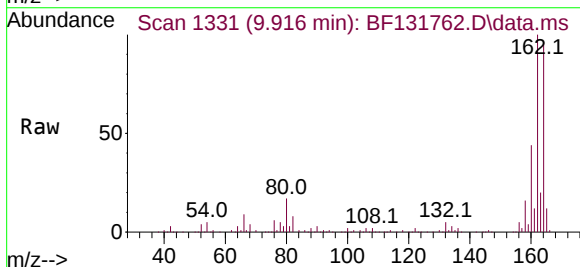
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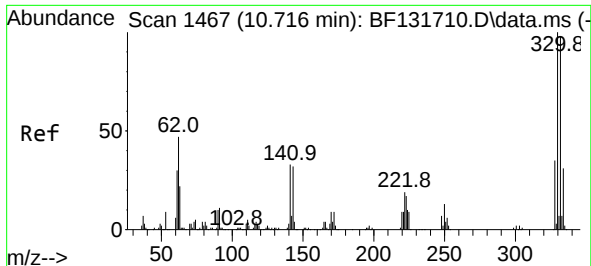
Tgt Ion: 82 Resp: 653320
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

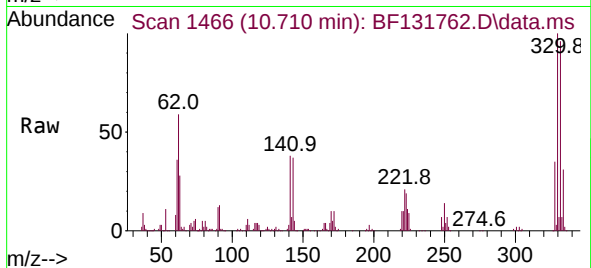
Tgt Ion: 164 Resp: 182880
Ion Ratio Lower Upper
164 100
162 104.3 83.7 125.5
160 46.0 36.2 54.4



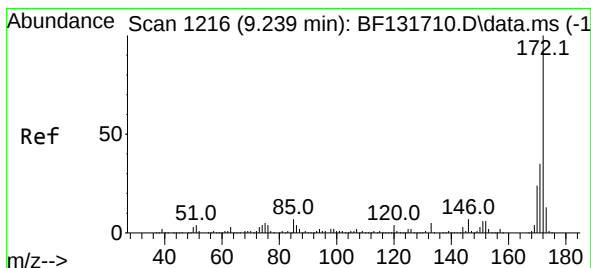
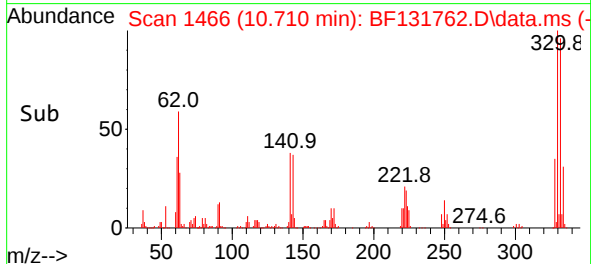
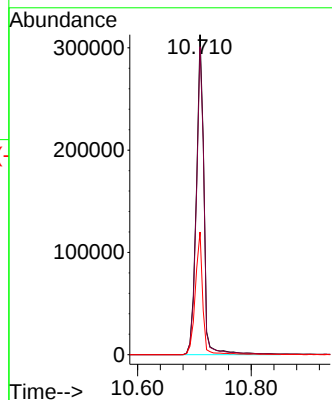


#42
2,4,6-Tribromophenol
Concen: 146.780 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

Instrument :
BNA_F
ClientSampleId :
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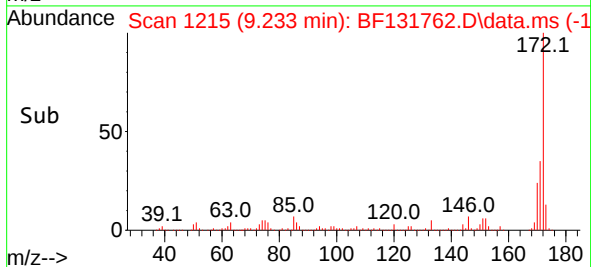
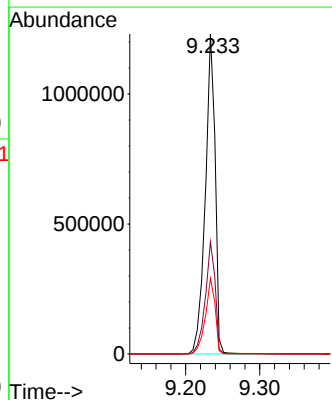
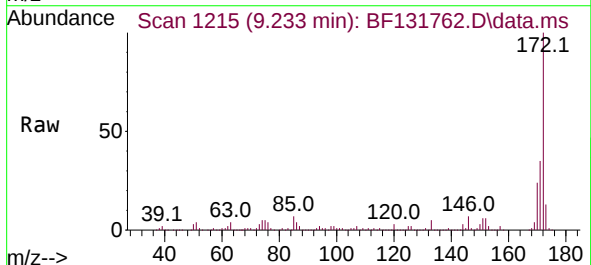


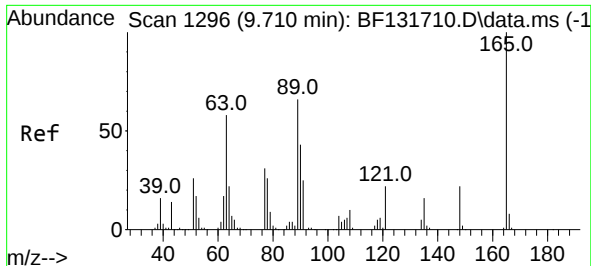
Tgt Ion: 330 Resp: 293809
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 37.1 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 87.567 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

Tgt Ion: 172 Resp: 1143209
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.7 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.771 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF131762.D

Acq: 22 Dec 2022 00:06

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3052

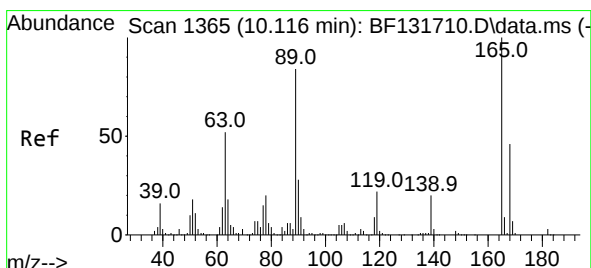
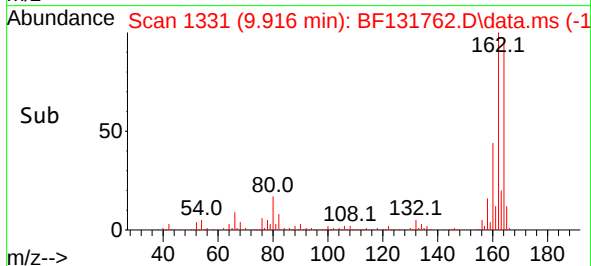
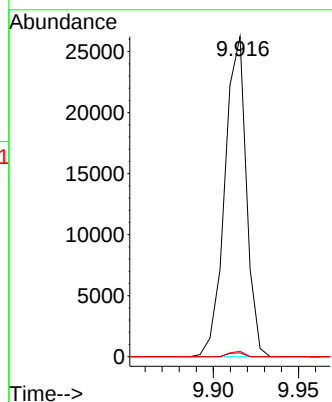
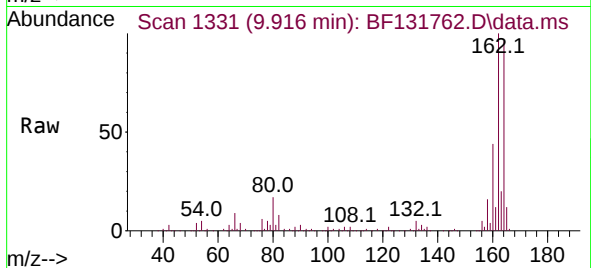
Tgt Ion:165 Resp: 22995

Ion Ratio Lower Upper

165 100

63 1.2 51.8 77.8#

89 1.7 53.2 79.8#



#57

2,4-Dinitrotoluene

Concen: 5.783 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.200 min

Lab File: BF131762.D

Acq: 22 Dec 2022 00:06

Tgt Ion:165 Resp: 22995

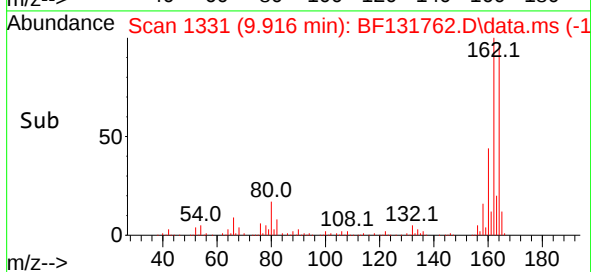
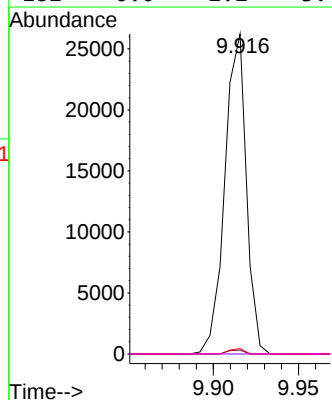
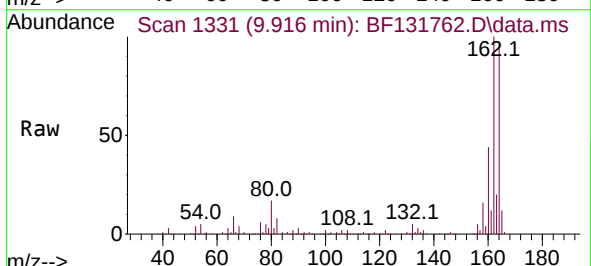
Ion Ratio Lower Upper

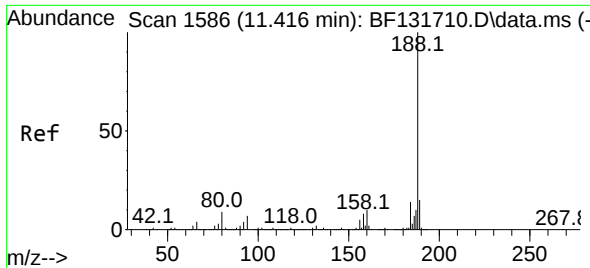
165 100

63 1.2 41.5 62.3#

89 1.7 67.0 100.4#

182 0.0 2.2 3.4#

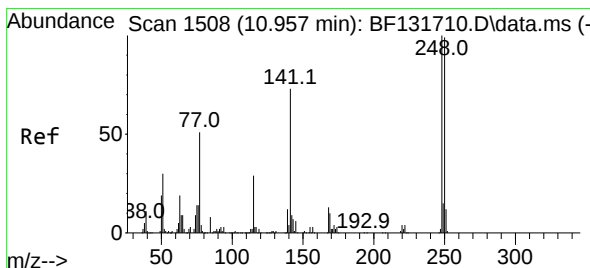
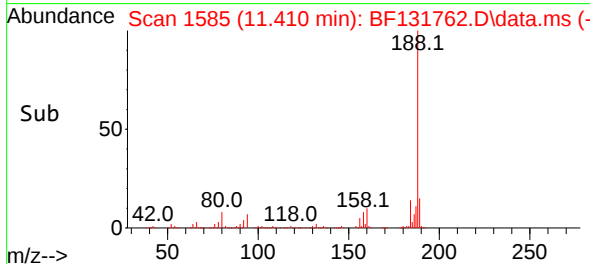
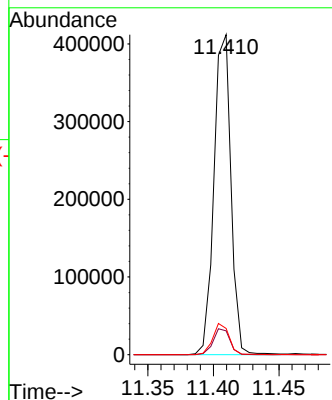
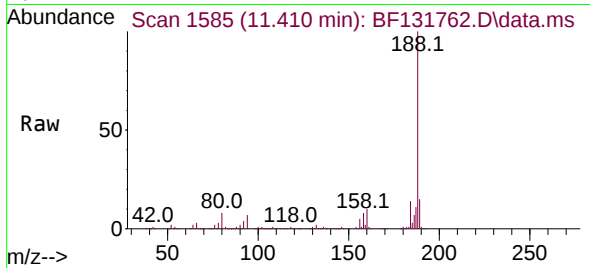




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

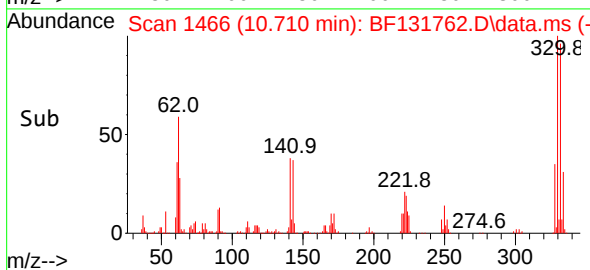
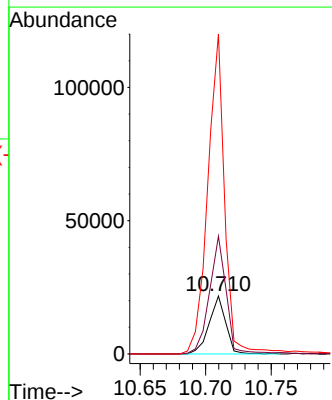
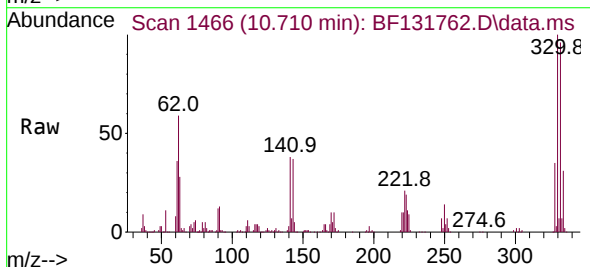
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3052

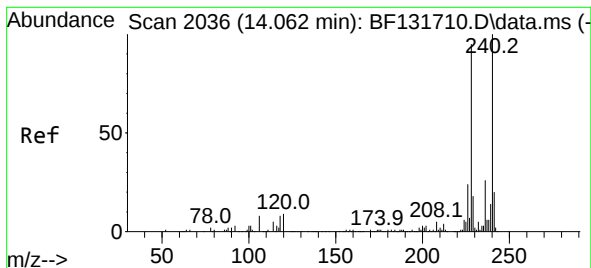
Tgt Ion:188 Resp: 371595
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 8.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.388 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

Tgt Ion:248 Resp: 19258
Ion Ratio Lower Upper
248 100
250 203.5 79.4 119.0#
141 553.0 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: BF131762.D

Acq: 22 Dec 2022 00:06

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3052

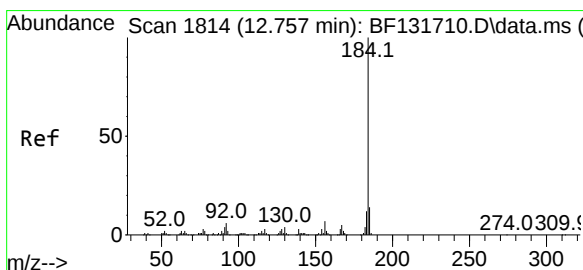
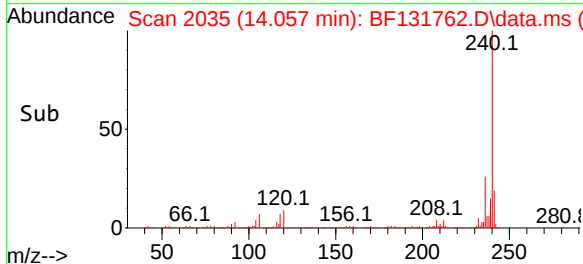
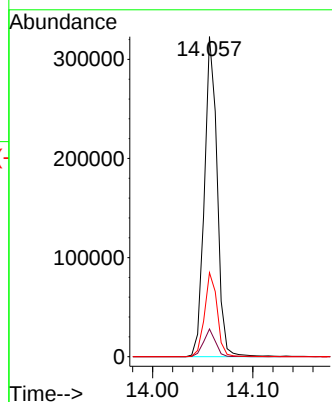
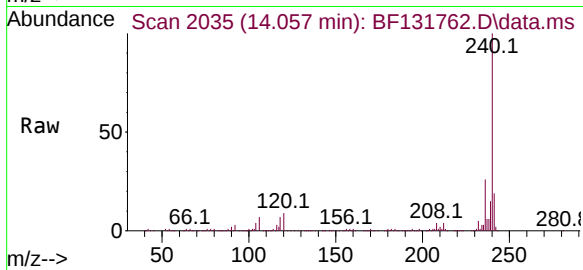
Tgt Ion:240 Resp: 286639

Ion Ratio Lower Upper

240 100

120 8.6 7.6 11.4

236 26.3 21.2 31.8



#77

Benzidine

Concen: 4.767 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.247 min

Lab File: BF131762.D

Acq: 22 Dec 2022 00:06

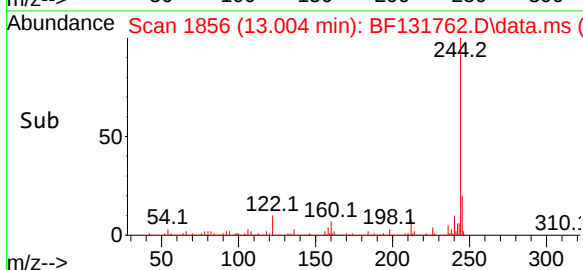
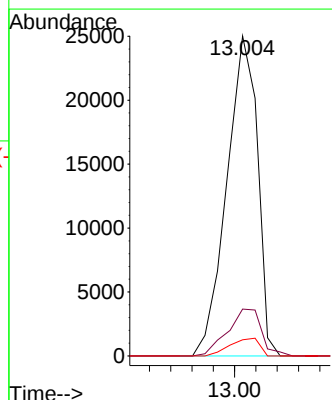
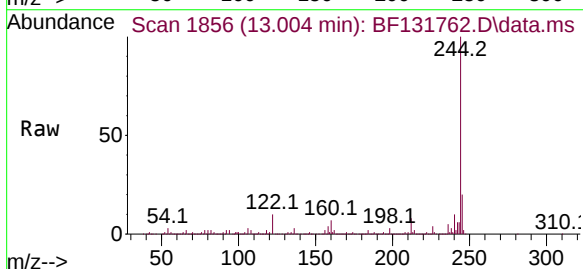
Tgt Ion:184 Resp: 25058

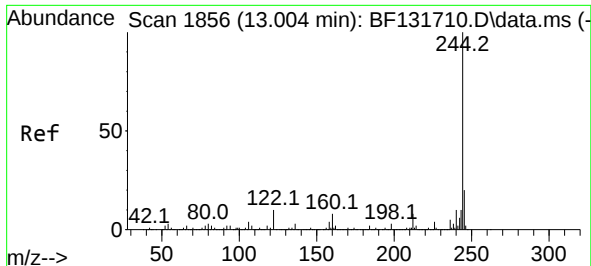
Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

183 5.0 9.3 13.9#

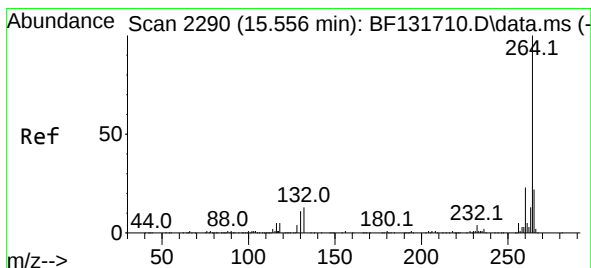
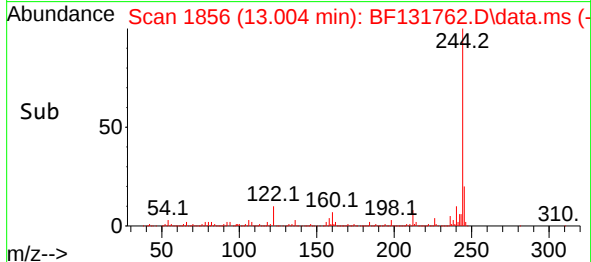
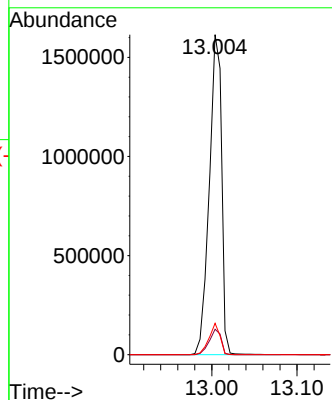
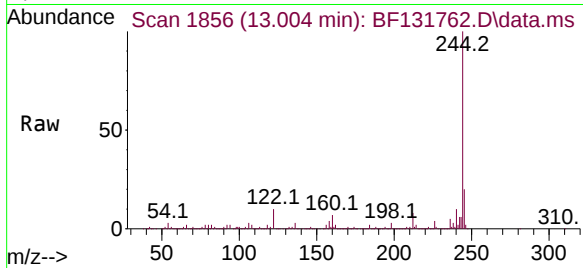




#79
 Terphenyl-d14
 Concen: 88.093 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131762.D
 Acq: 22 Dec 2022 00:06

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3052

Tgt Ion:244 Resp: 1620186
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF131762.D
 Acq: 22 Dec 2022 00:06

Tgt Ion:264 Resp: 230763
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.6 17.4 26.2

