

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114131.D
 Acq On : 10 May 2019 20:08
 Operator : JU/SJ
 Sample : K2762-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01

Quant Time: May 11 04:01:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	375532	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1336133	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	549874	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	925808	20.00	ng	0.00
76) Chrysene-d12	14.00	240	730194	20.00	ng	-0.02
87) Perylene-d12	15.47	264	631289	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1877654	80.46	ng	0.00
7) Phenol-d6	6.49	99	2497479	90.49	ng	0.00
23) Nitrobenzene-d5	7.41	82	1504237	63.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	444367	78.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1785286	49.11	ng	0.00
79) Terphenyl-d14	12.95	244	1364249	38.51	ng	0.00

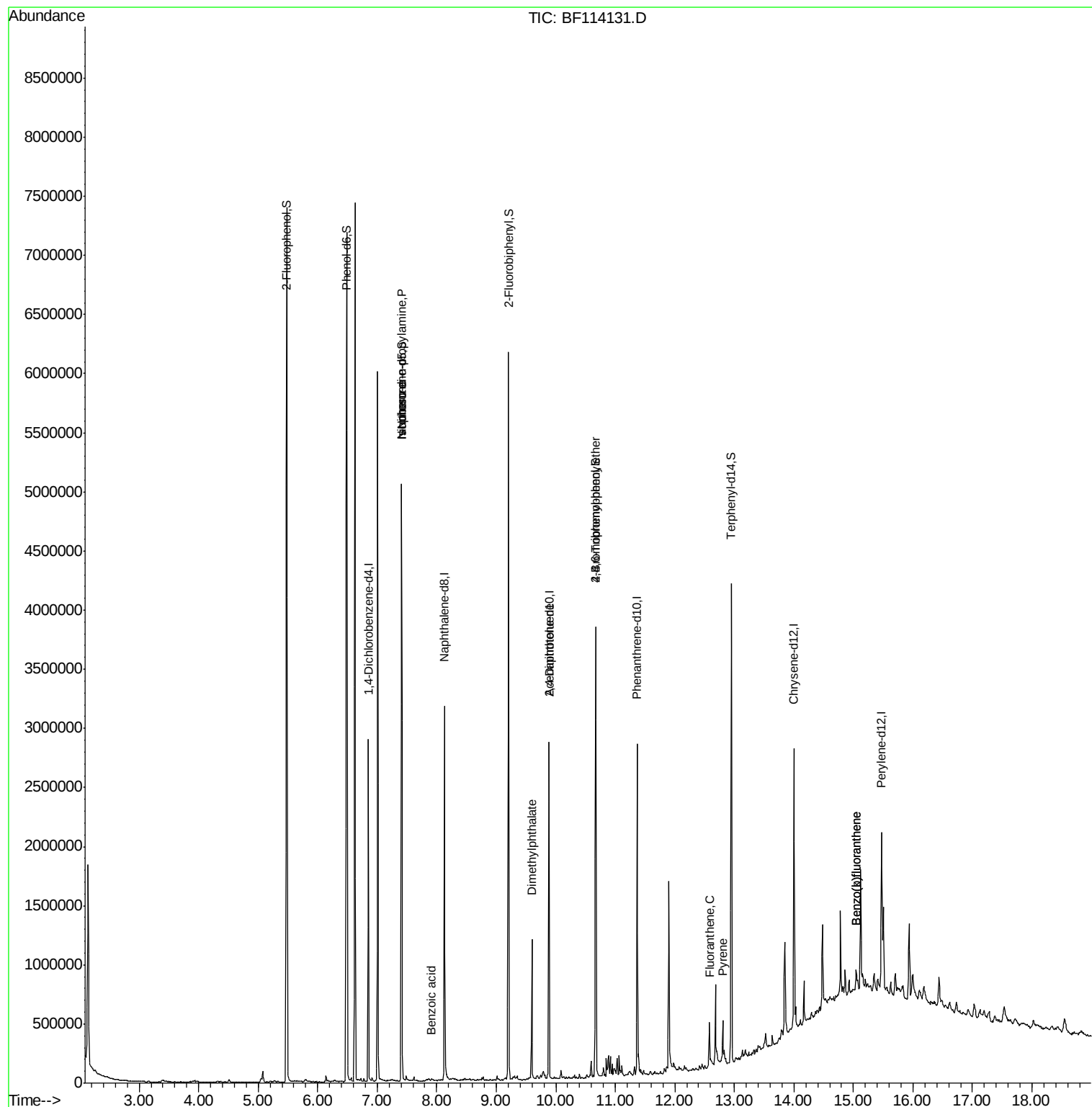
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	201312	11.507	ng	# 77
25) Isophorone	7.41	82	1495422	33.867	ng	# 64
32) Benzoic acid	7.90	122	255	7.037	ng	# 25
50) Dimethylphthalate	9.60	163	469442	11.630	ng	98
57) 2,4-Dinitrotoluene	9.89	165	70832	5.829	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	28546	2.800	ng	# 1
75) Fluoranthene	12.58	202	130341	2.687	ng	98
78) Pyrene	12.80	202	144880	2.466	ng	96
88) Benzo(b)fluoranthene	15.04	252	101845	2.518	ng	# 81
89) Benzo(k)fluoranthene	15.04	252	101845	2.741	ng	# 82

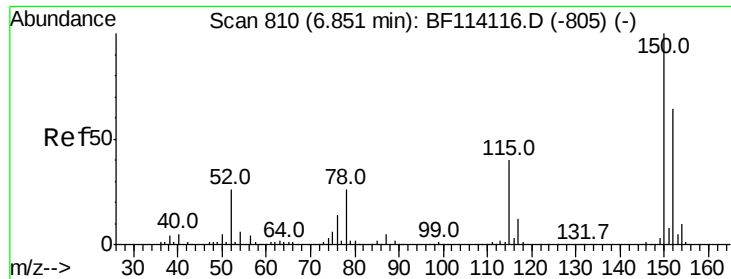
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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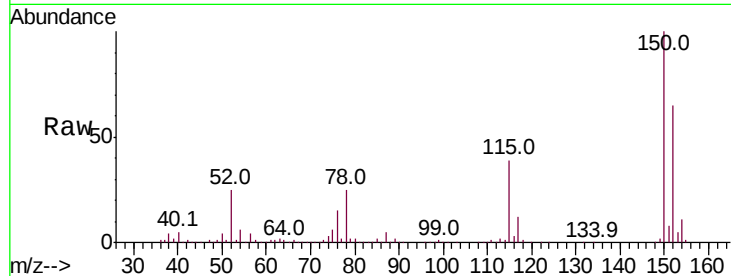


#1

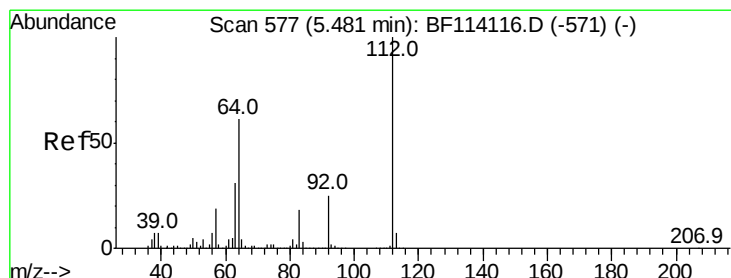
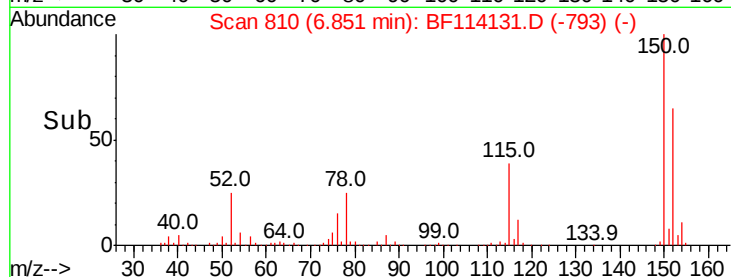
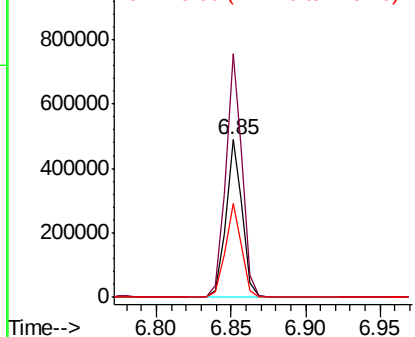
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tot Ion:152 Resp: 375532
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 59.7 49.1 73.7



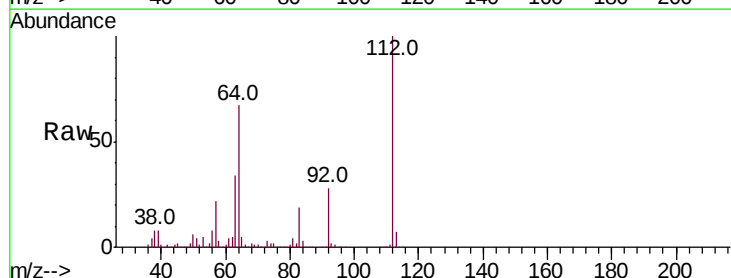
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



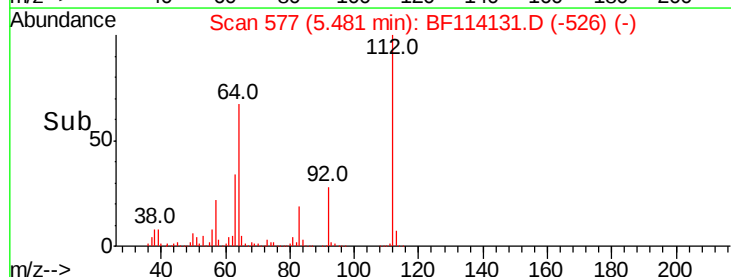
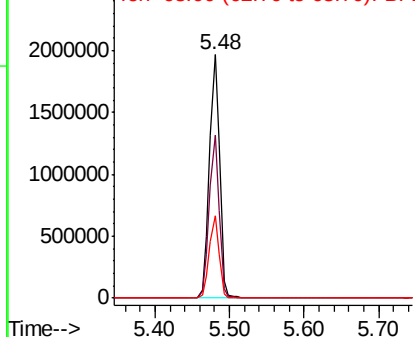
#5

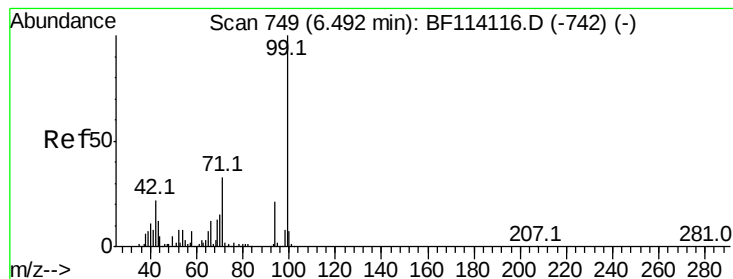
2-Fluorophenol
Concen: 80.463 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:112 Resp: 1877654
Ion Ratio Lower Upper
112 100
64 66.8 49.0 73.6
63 33.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.489 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01

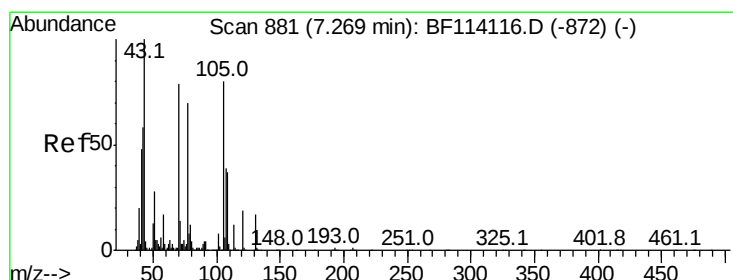
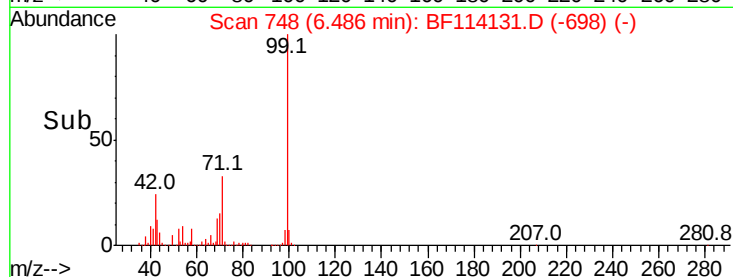
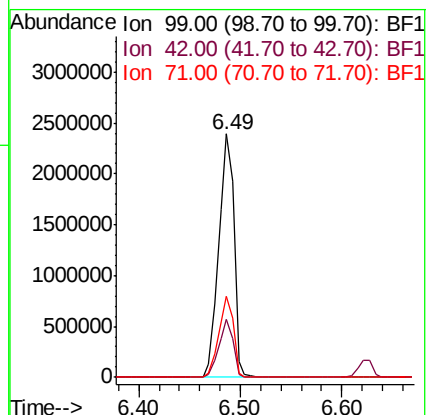
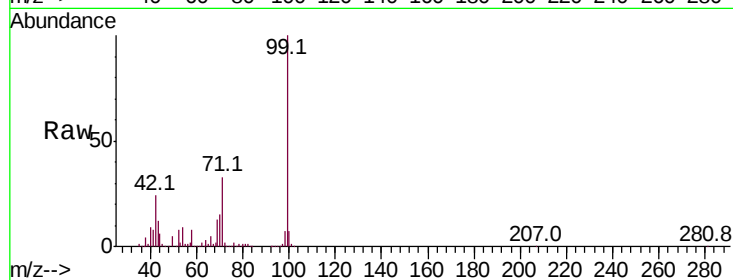
Tot Ion: 99 Resp: 2497479

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

71 33.3 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.507 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Tgt Ion: 70 Resp: 201312

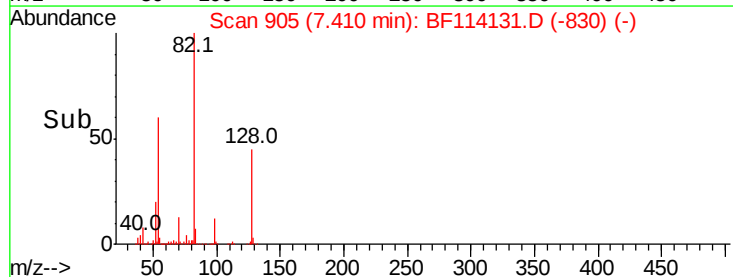
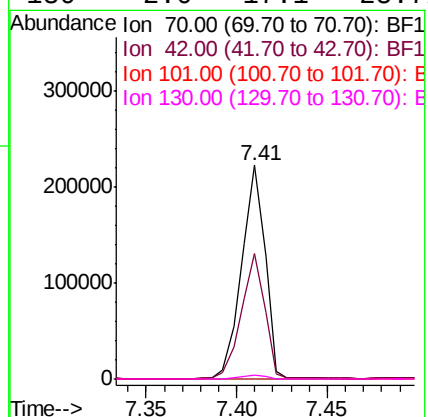
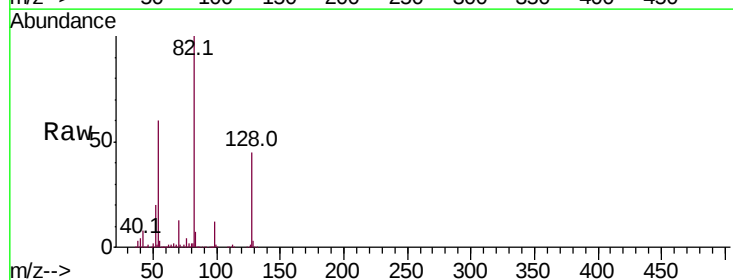
Ion Ratio Lower Upper

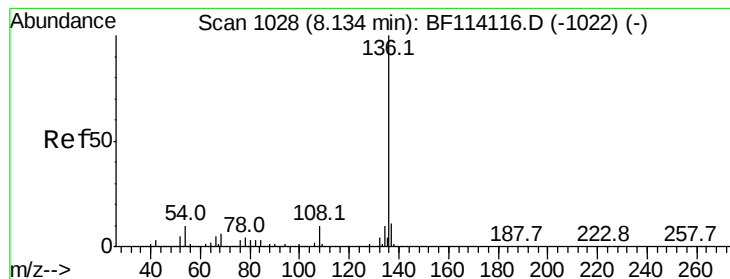
70 100

42 58.9 58.6 87.8

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01

Tot Ion:136 Resp: 1336133

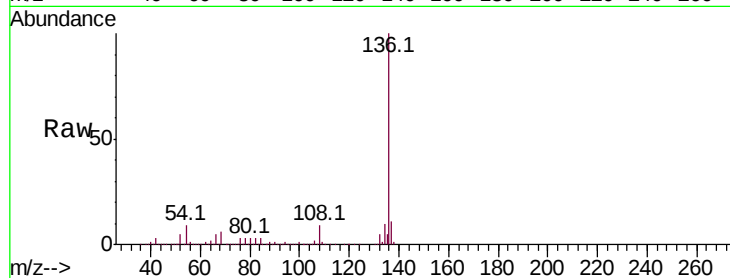
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.2 7.8 11.8

68 6.0 5.1 7.7

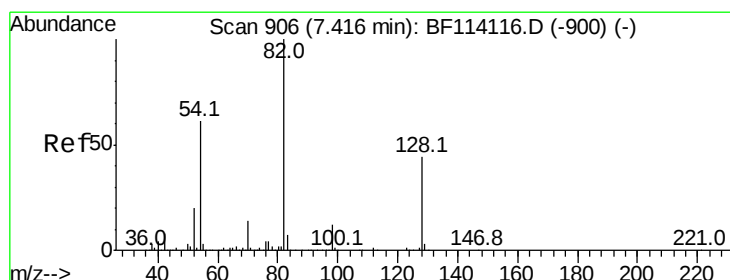
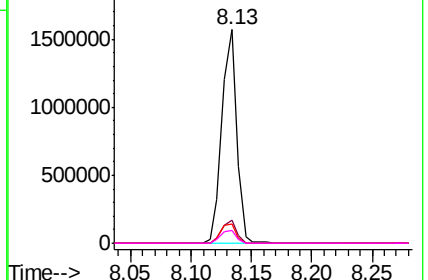
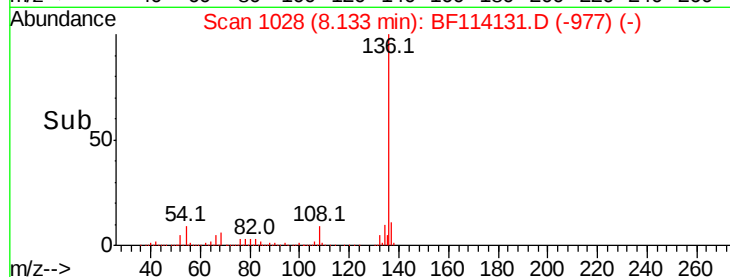


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 63.181 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

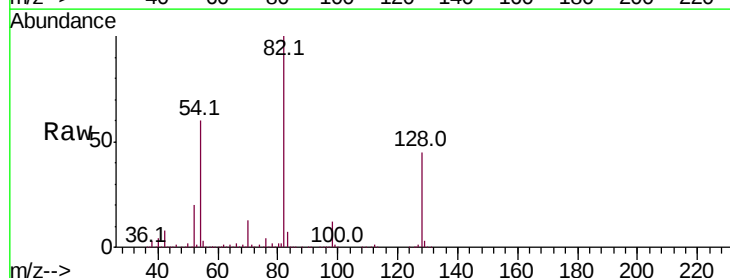
Tgt Ion: 82 Resp: 1504237

Ion Ratio Lower Upper

82 100

128 44.9 35.5 53.3

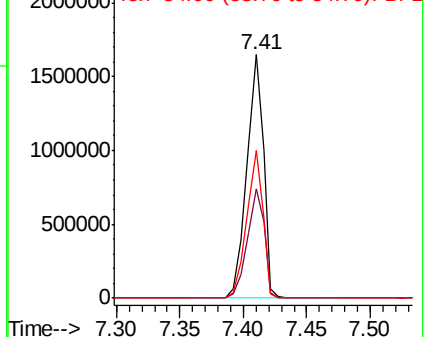
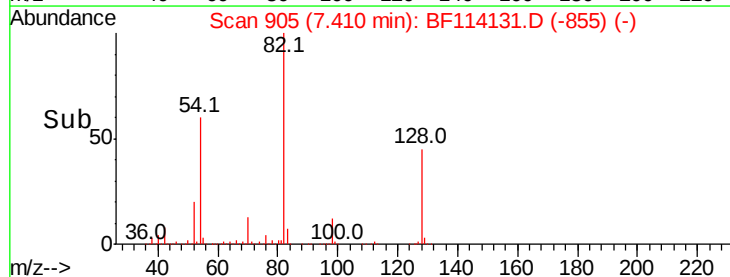
54 60.5 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.867 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01

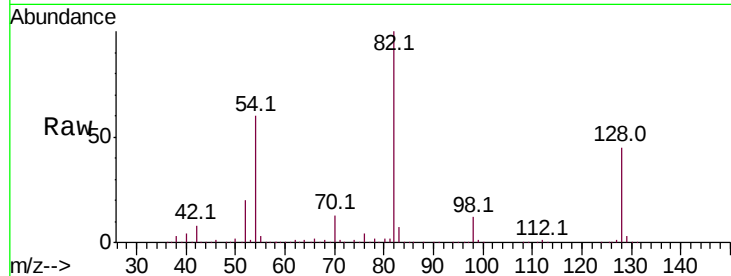
Tot Ion: 82 Resp: 1495422

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

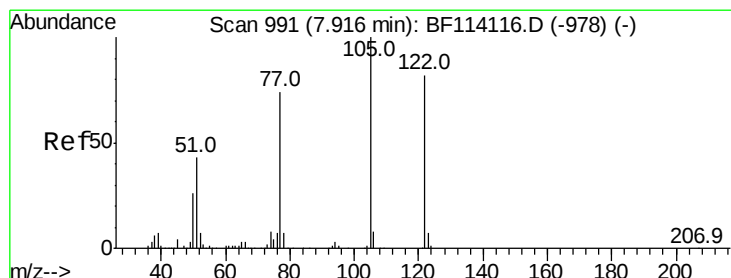
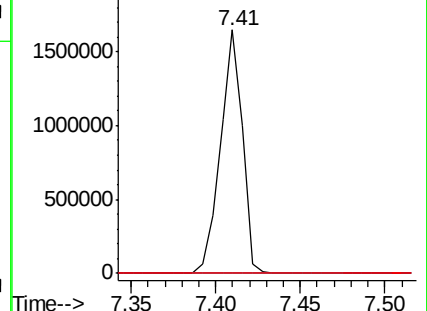
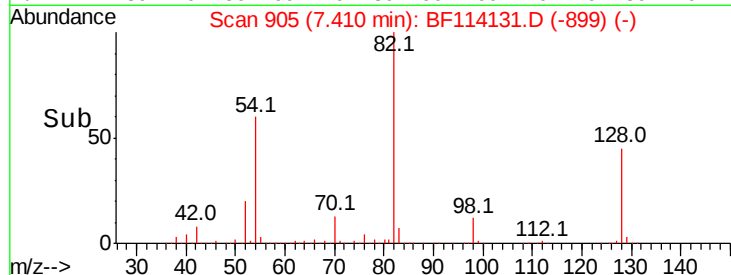
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.037 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

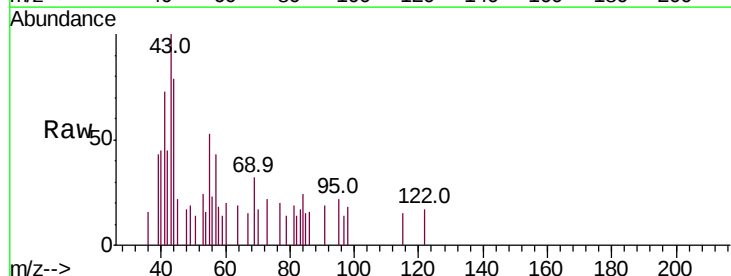
Tgt Ion: 122 Resp: 255

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

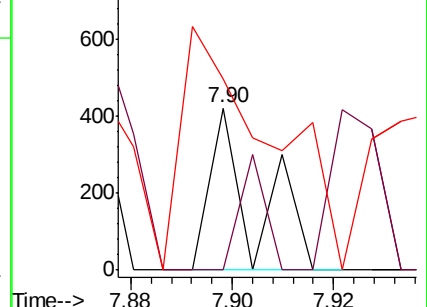
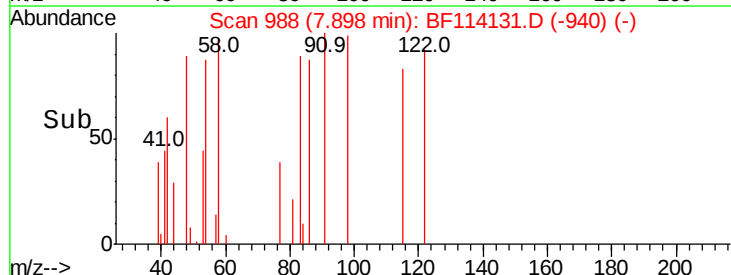
77 118.1 69.4 109.4#

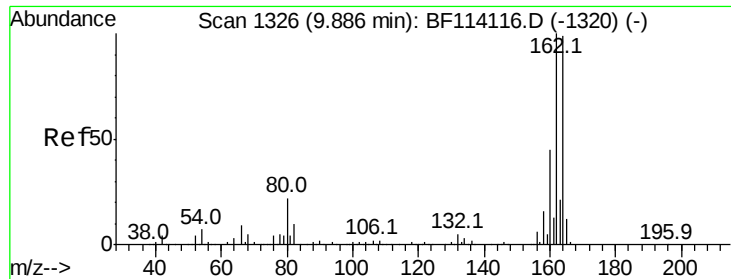


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

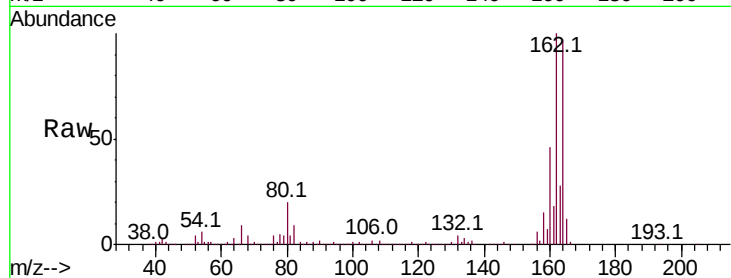




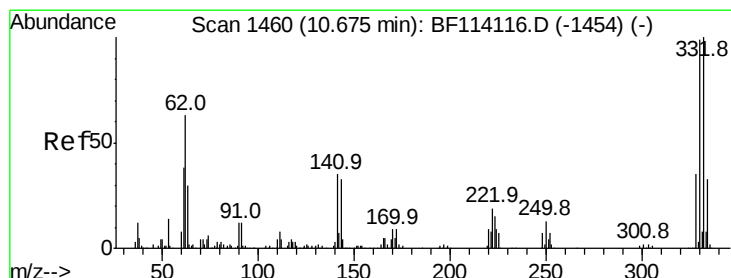
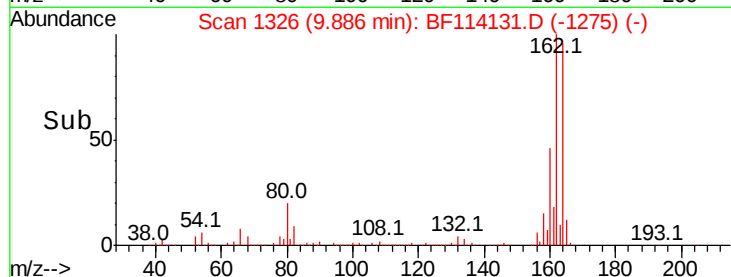
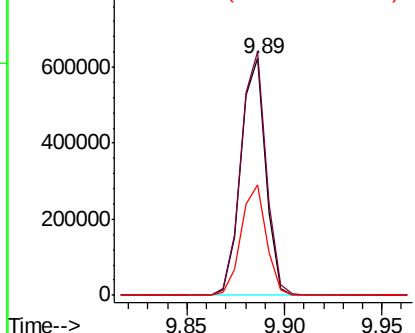
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tot Ion:164 Resp: 549874
Ion Ratio Lower Upper
164 100
162 102.8 80.6 120.8
160 46.8 36.5 54.7

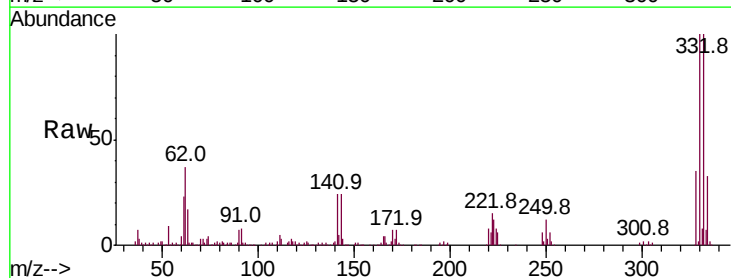


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

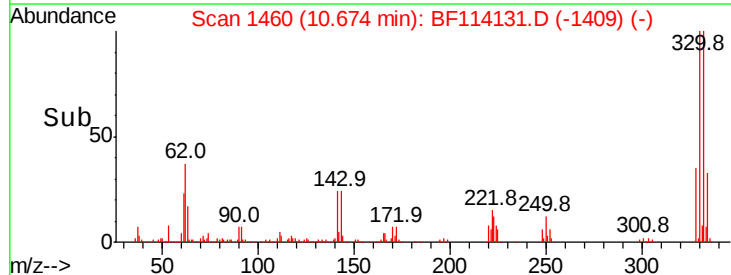
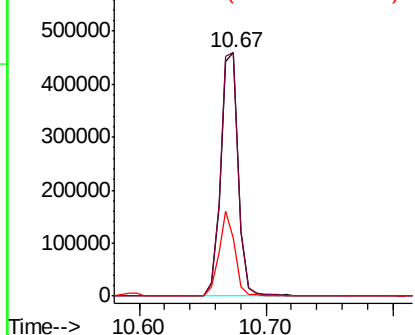


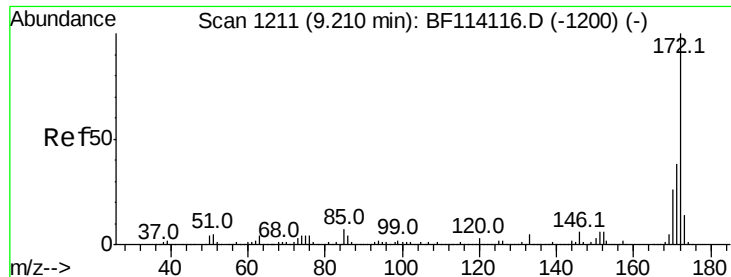
#42
2,4,6-Tribromophenol
Concen: 78.168 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:330 Resp: 444367
Ion Ratio Lower Upper
330 100
332 101.2 81.4 122.2
141 32.1 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



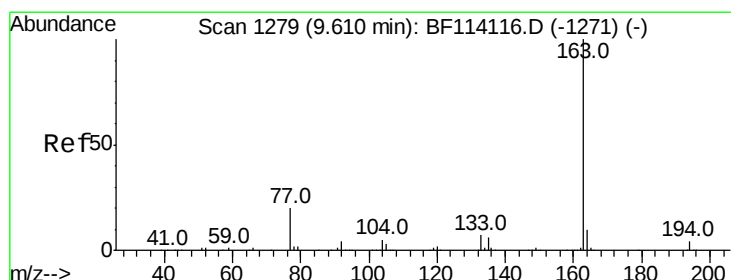
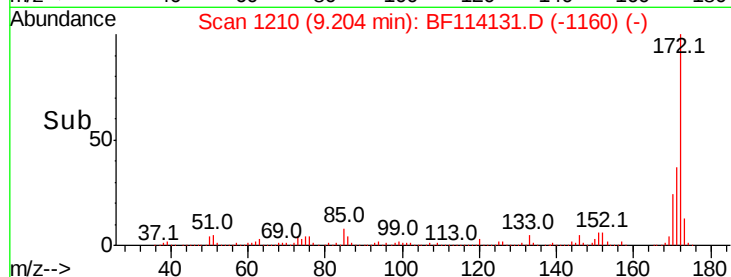
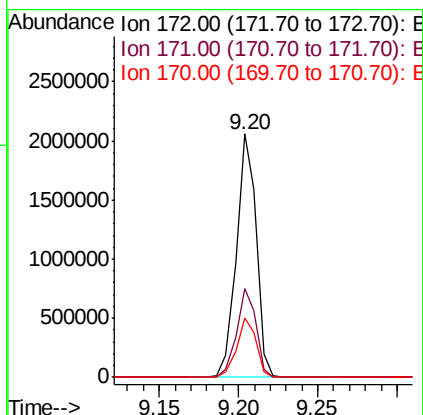
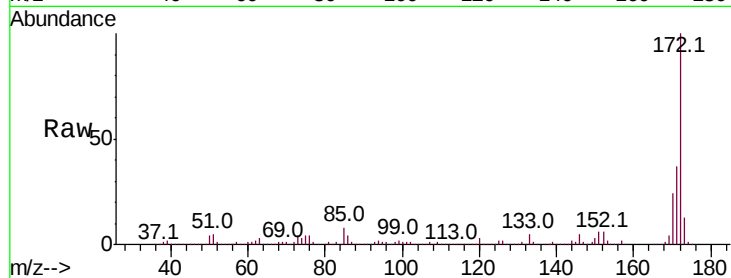


#45
 2-Fluorobiphenyl
 Concen: 49.112 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114131.D
 Acq: 10 May 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01

Tot Ion:172 Resp: 1785286

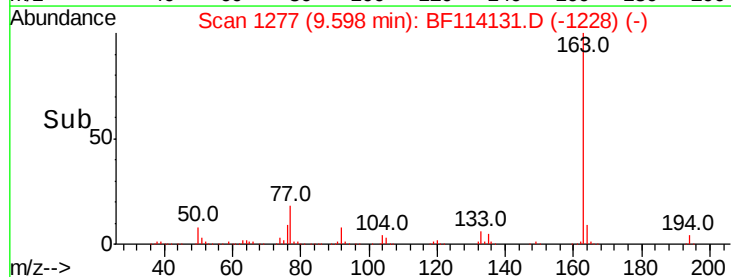
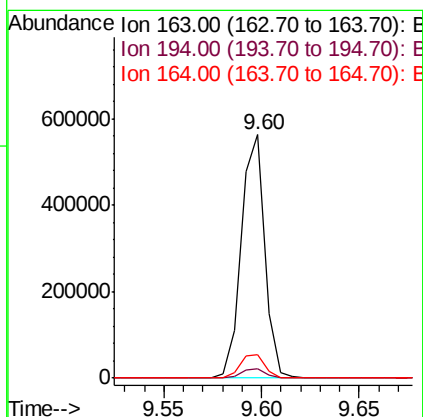
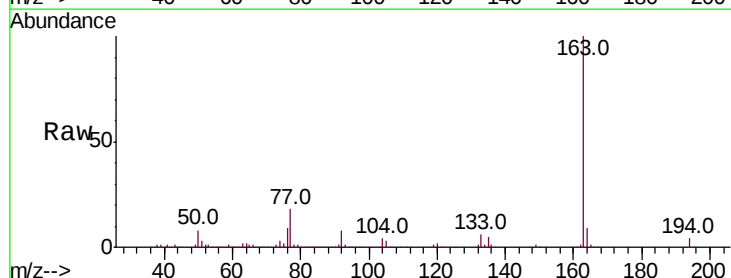
Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.7	46.1
170	24.2	20.5	30.7

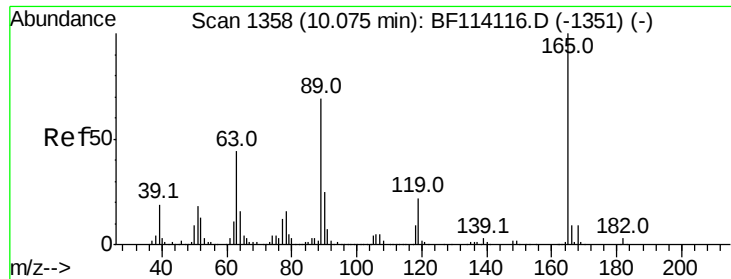


#50
 Dimethylphthalate
 Concen: 11.630 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114131.D
 Acq: 10 May 2019 20:08

Tgt Ion:163 Resp: 469442

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.4	8.2	12.2

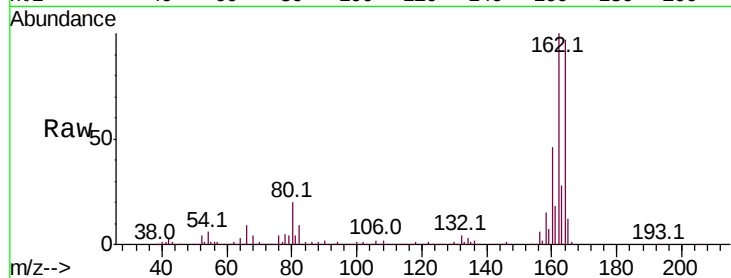




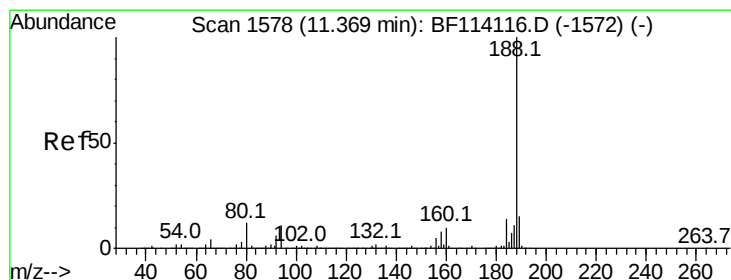
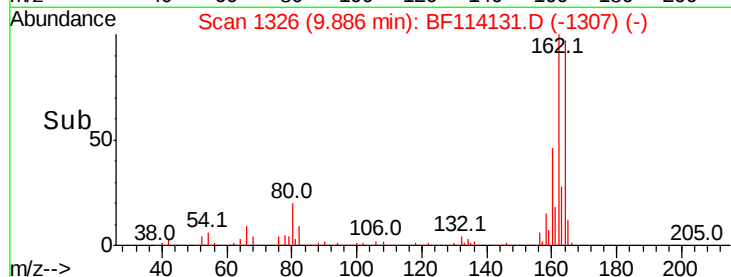
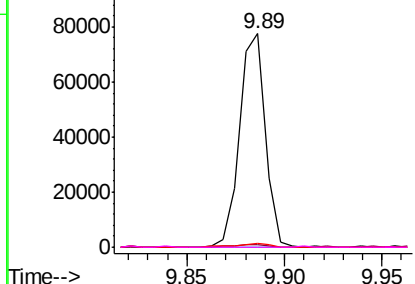
#57
 2,4-Dinitrotoluene
 Concen: 5.829 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114131.D
 Acq: 10 May 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01

Tot Ion:165 Resp: 70832
 Ion Ratio Lower Upper
 165 100
 63 1.1 35.5 53.3#
 89 1.7 55.2 82.8#
 182 0.0 2.2 3.2#

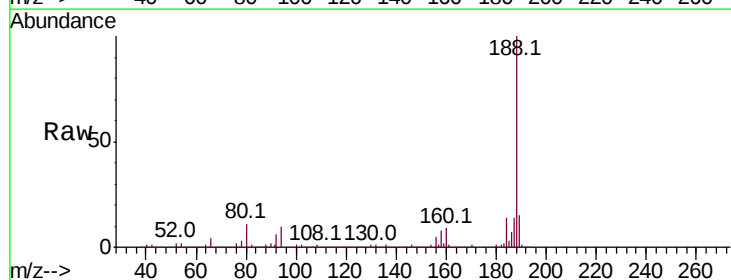


Abundance Ion 165.00 (164.70 to 165.70): E
 120000 Ion 63.00 (62.70 to 63.70): BF1
 100000 Ion 89.00 (88.70 to 89.70): BF1
 80000 Ion 182.00 (181.70 to 182.70): E

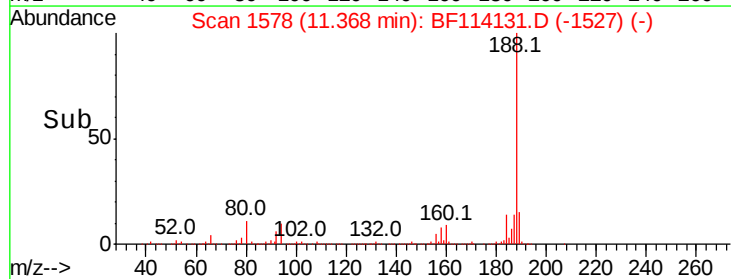
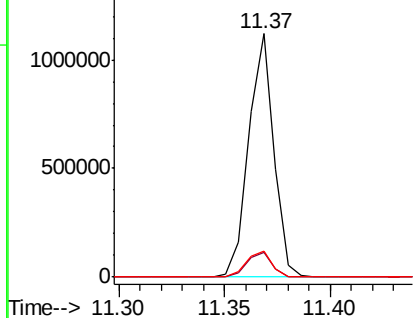


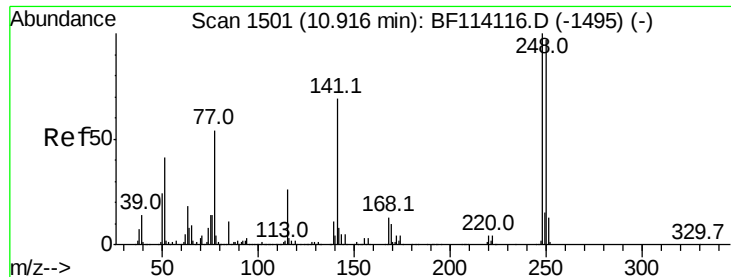
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114131.D
 Acq: 10 May 2019 20:08

Tgt Ion:188 Resp: 925808
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.4 12.6
 80 10.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 1500000 Ion 94.00 (93.70 to 94.70): BF1
 1000000 Ion 80.00 (79.70 to 80.70): BF1

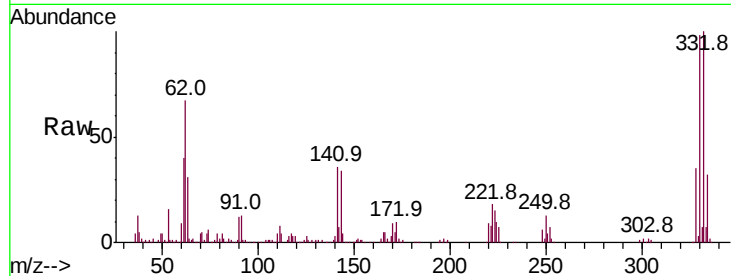




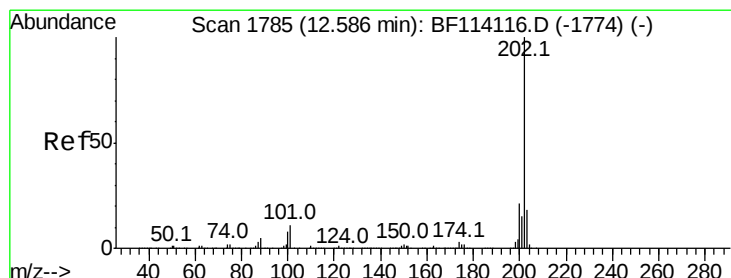
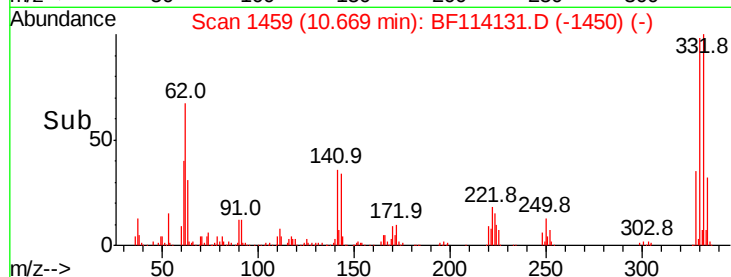
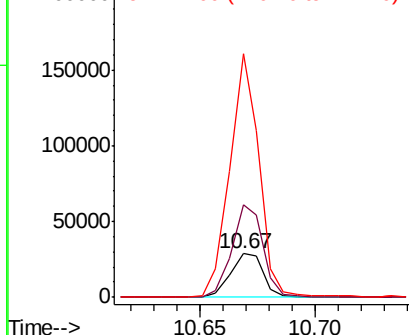
#67
4-Bromophenyl-phenylether
Concen: 2.800 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tot Ion:248 Resp: 28546
Ion Ratio Lower Upper
248 100
250 210.0 77.4 116.2#
141 554.8 55.6 83.4#

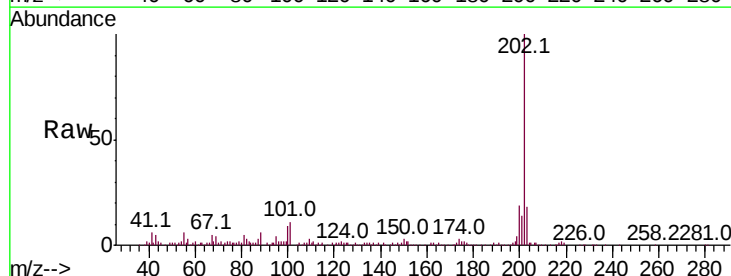


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

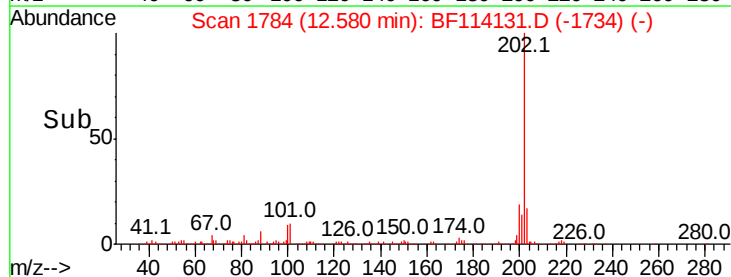
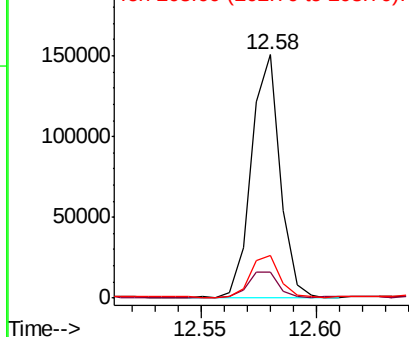


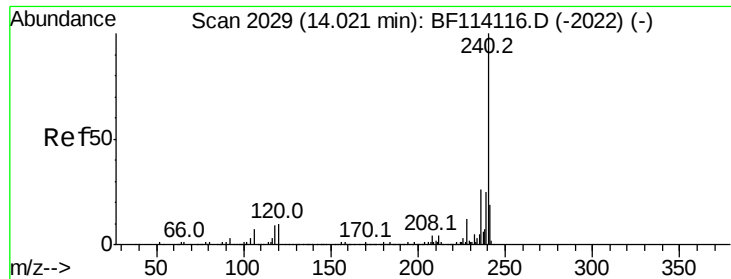
#75
Fluoranthene
Concen: 2.687 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:202 Resp: 130341
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.0
203 17.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01

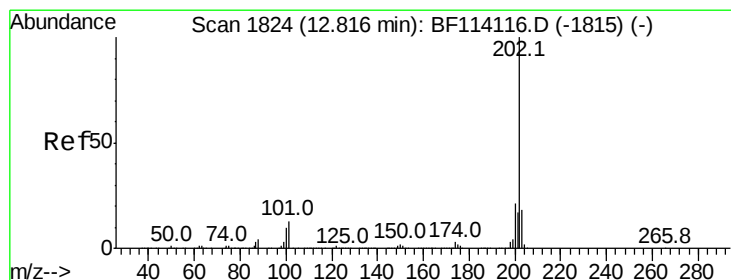
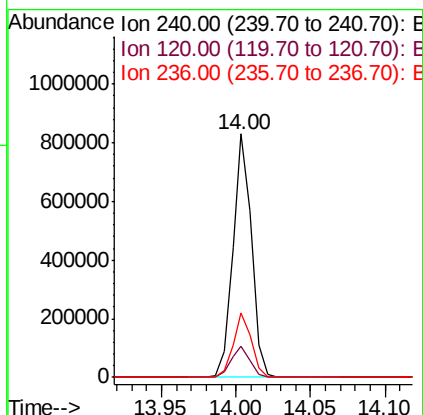
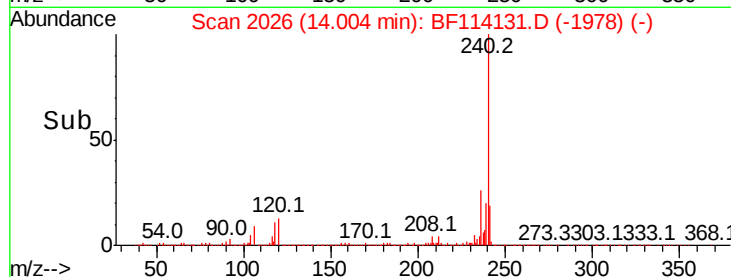
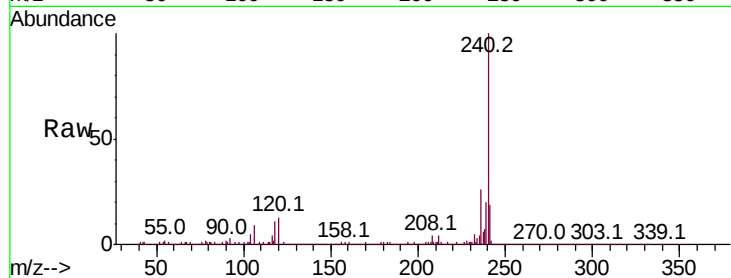
Tot Ion:240 Resp: 730194

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

236 26.5 20.8 31.2



#78

Pyrene

Concen: 2.466 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

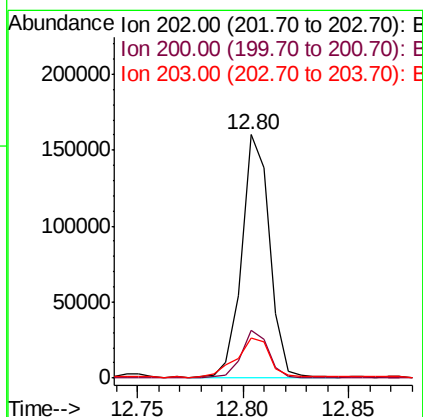
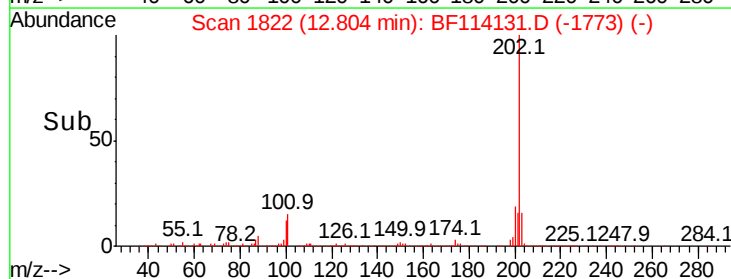
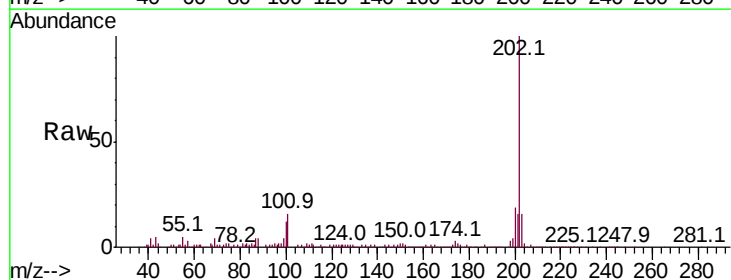
Tgt Ion:202 Resp: 144880

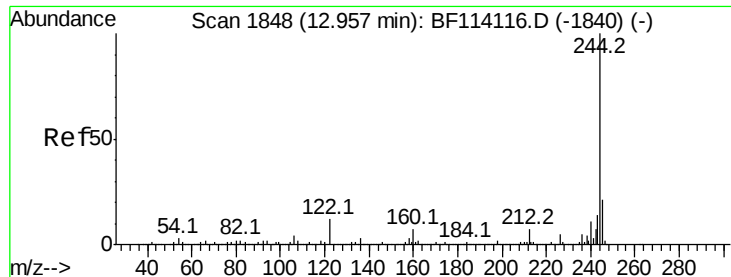
Ion Ratio Lower Upper

202 100

200 19.5 16.9 25.3

203 16.4 14.5 21.7





#79

Terphenyl-d14

Concen: 38.515 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01

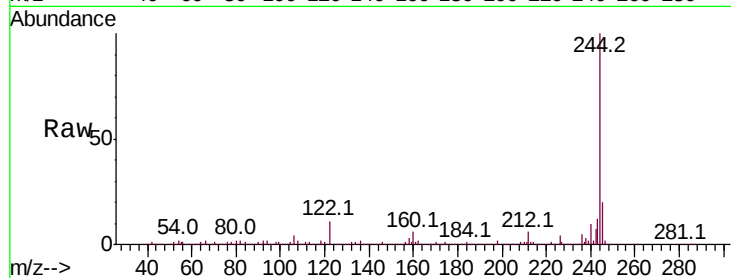
Tot Ion:244 Resp: 1364249

Ion Ratio Lower Upper

244 100

212 6.1 5.8 8.6

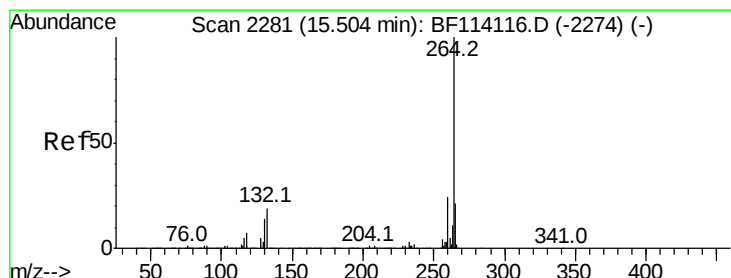
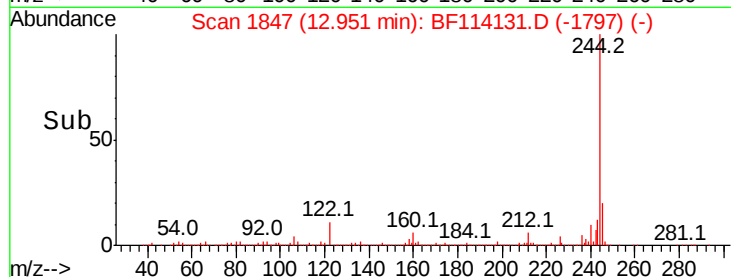
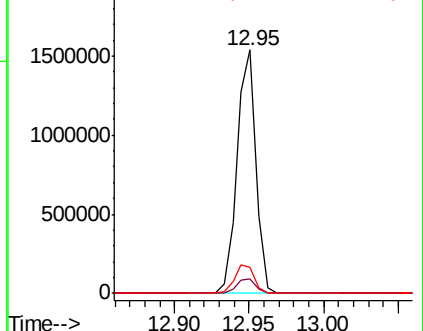
122 10.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

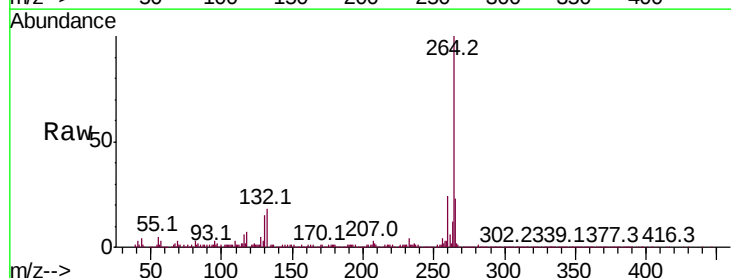
Tgt Ion:264 Resp: 631289

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

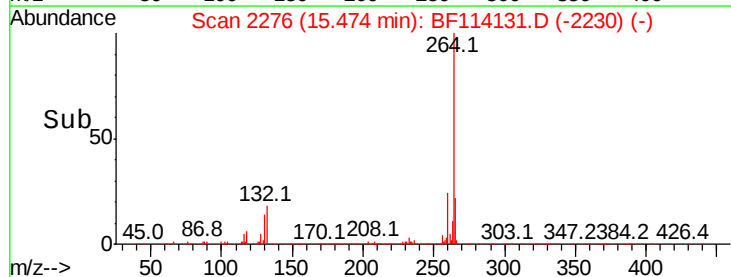
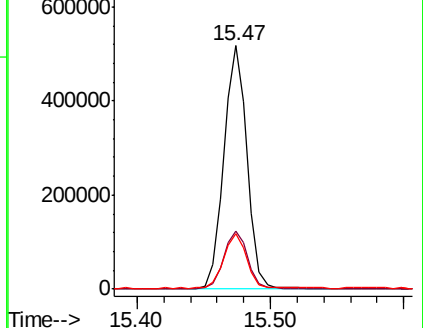
265 22.5 16.9 25.3

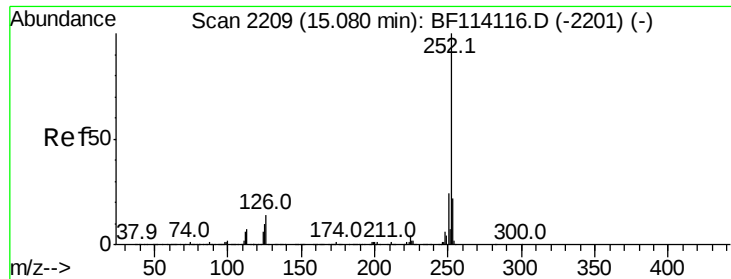


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.518 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.04 min

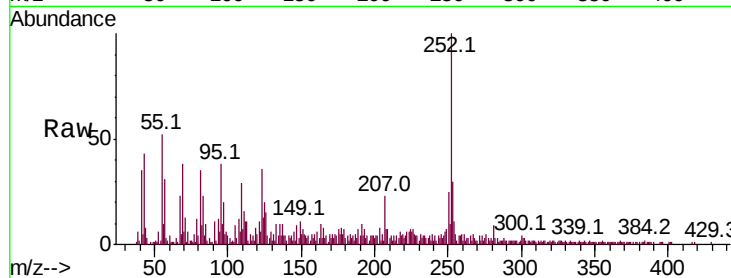
Lab File: BF114131.D

Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tot Ion:252 Resp: 101845

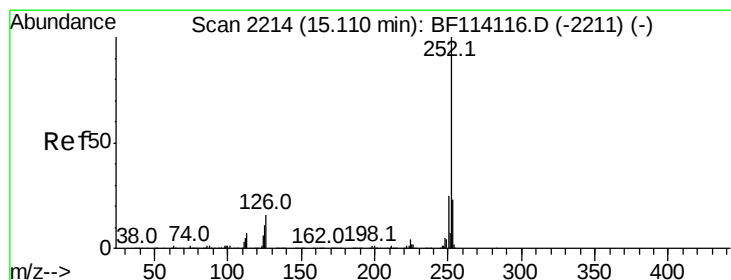
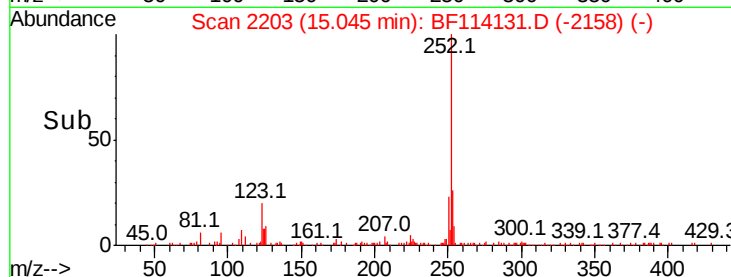
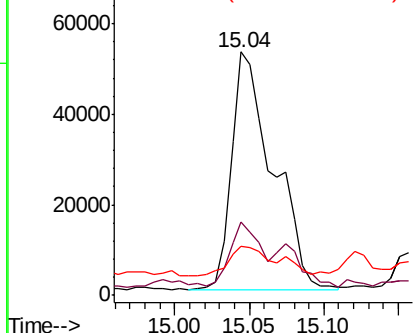
Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.8	26.8#
125	20.0	8.3	12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.741 ng

RT: 15.04 min Scan# 2203

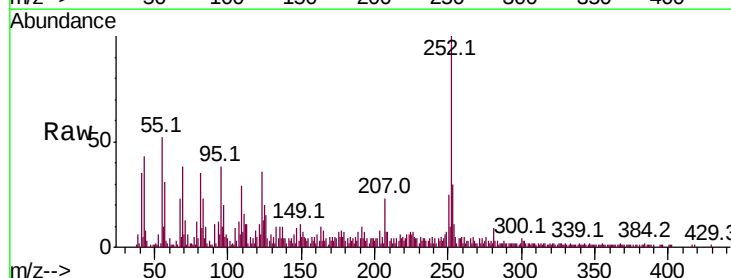
Delta R.T. -0.06 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Tgt Ion:252 Resp: 101845

Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.2	27.2#
125	20.0	8.6	13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

