

Data File : BF111466.D
Acq On : 15 Dec 2018 14:08
Operator : JU/SJ
Sample : J6322-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-2-120718

Quant Time: Dec 16 00:42:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153856	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	608906	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	273532	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	414829	20.00	ng	0.00
76) Chrysene-d12	13.95	240	299532	20.00	ng	0.00
87) Perylene-d12	15.39	264	293709	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1209419	130.81	ng	0.00
7) Phenol-d6	6.44	99	1579407	128.42	ng	0.00
23) Nitrobenzene-d5	7.36	82	970806	94.94	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	229194	93.54	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1609709	90.90	ng	0.00
79) Terphenyl-d14	12.90	244	1051693	82.45	ng	0.00

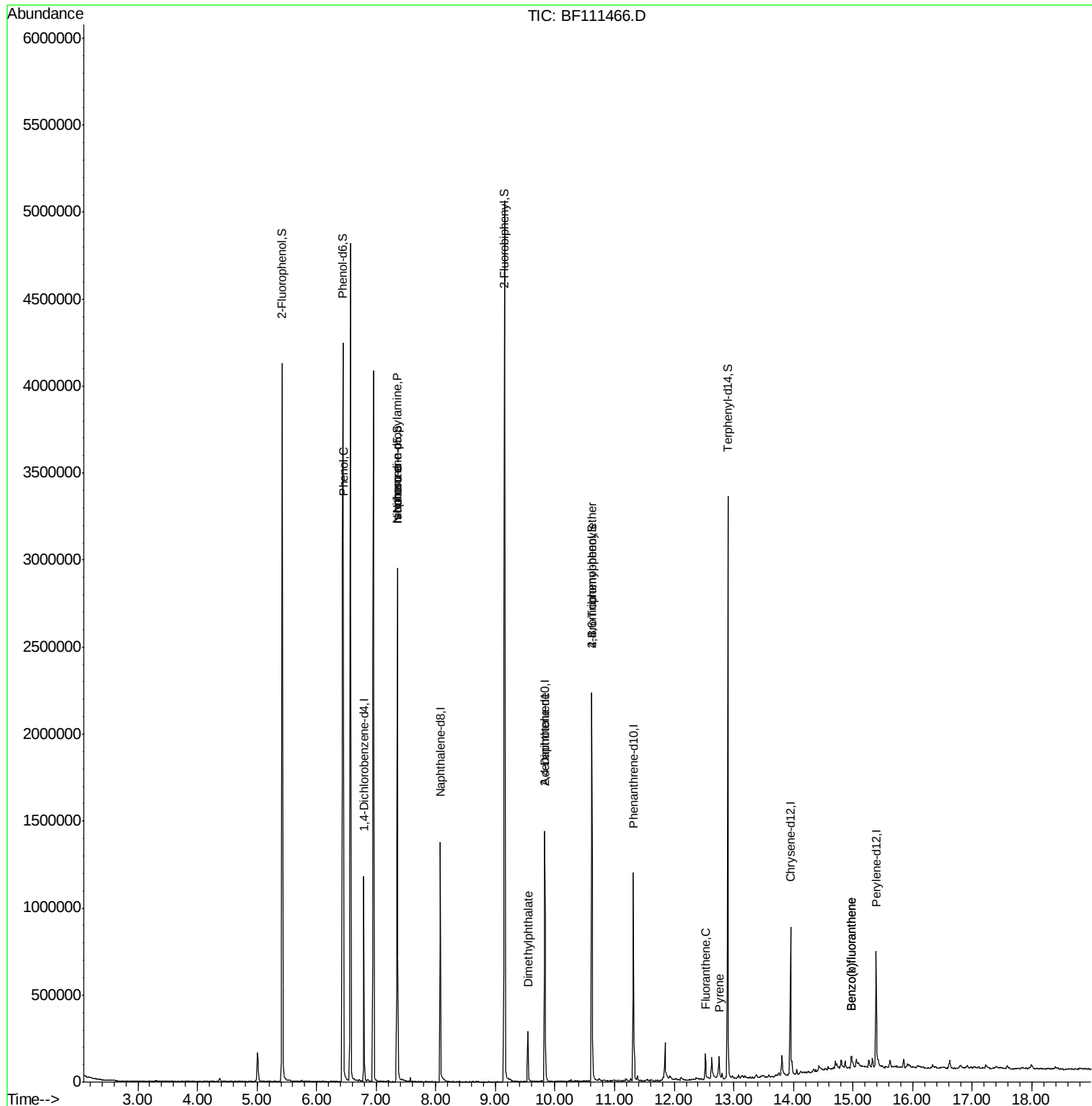
Target Compounds				Qvalue		
10) Phenol	6.45	94	94684	6.911	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	129368	15.944	ng	# 81
25) Isophorone	7.36	82	970799	56.111	ng	# 64
50) Dimethylphthalate	9.55	163	132859	6.744	ng	# 96
57) 2,4-Dinitrotoluene	9.83	165	34390	5.909	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	14828	3.316	ng	# 1
75) Fluoranthene	12.52	202	56701	2.711	ng	95
78) Pyrene	12.75	202	51551	2.441	ng	95
88) Benzo(b)fluoranthene	14.97	252	49823	2.910	ng	# 94
89) Benzo(k)fluoranthene	14.97	252	49823	3.045	ng	# 94

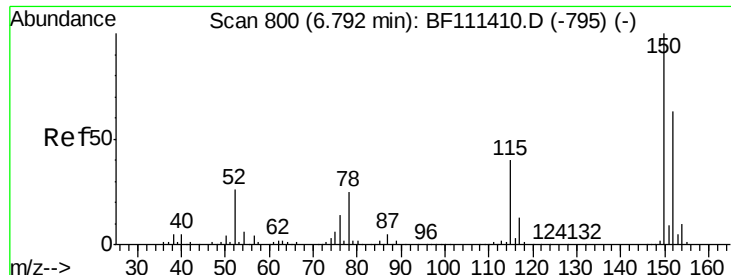
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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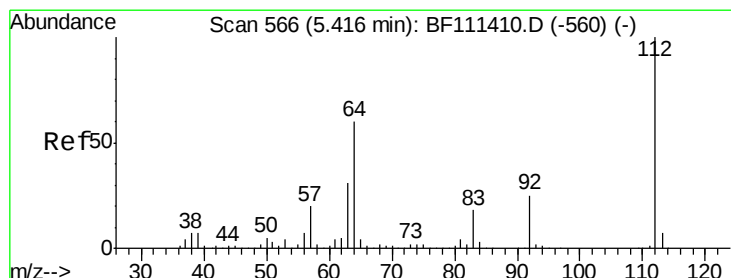
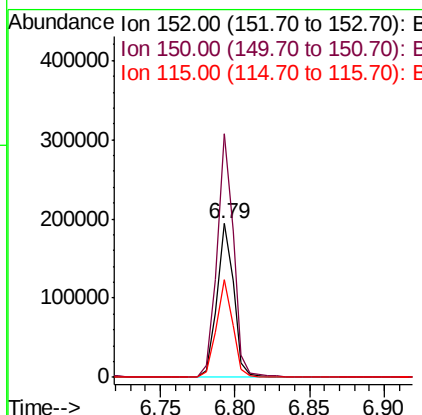
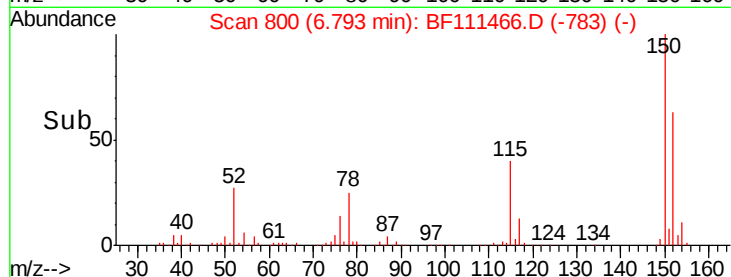
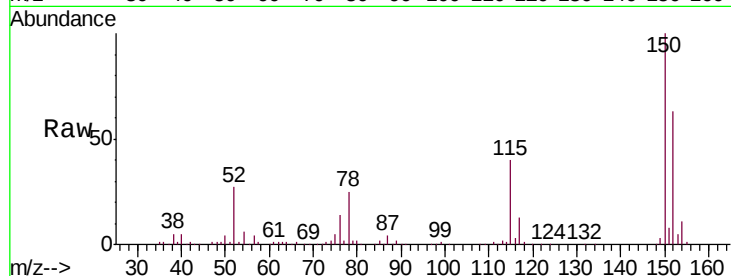




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111466.D
 Acq: 15 Dec 2018 14:08

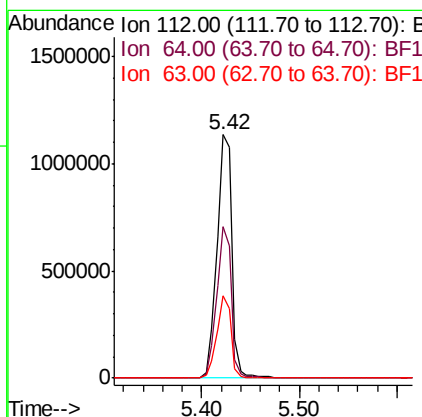
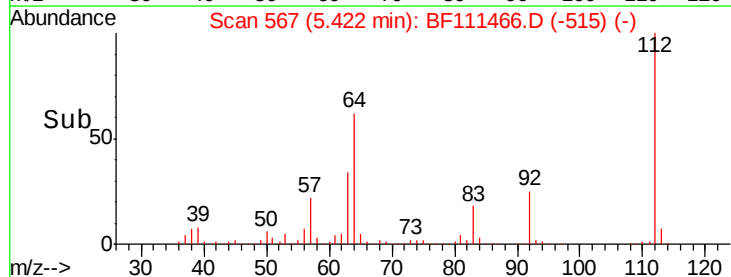
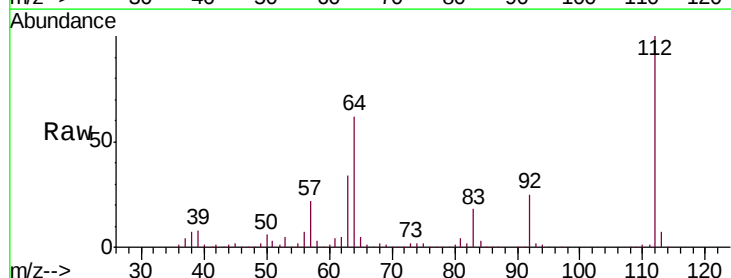
Instrument :
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 ClientSampleId :
 SUP-2A-C-2-120718

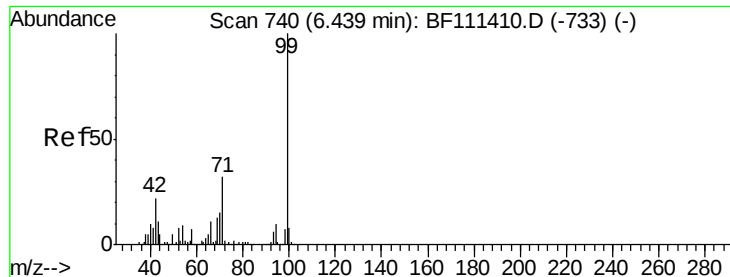
Tgt Ion:152 Resp: 153856
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.6 189.8
 115 63.6 50.7 76.1



#5
 2-Fluorophenol
 Concen: 130.807 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF111466.D
 Acq: 15 Dec 2018 14:08

Tgt Ion:112 Resp: 1209419
 Ion Ratio Lower Upper
 112 100
 64 62.1 51.8 77.6
 63 33.6 26.8 40.2





#7

Phenol-d6

Concen: 128.422 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111466.D

Acq: 15 Dec 2018 14:08

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-2-120718

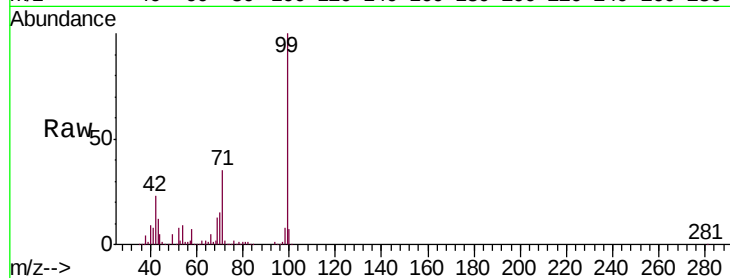
Tgt Ion: 99 Resp: 1579407

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

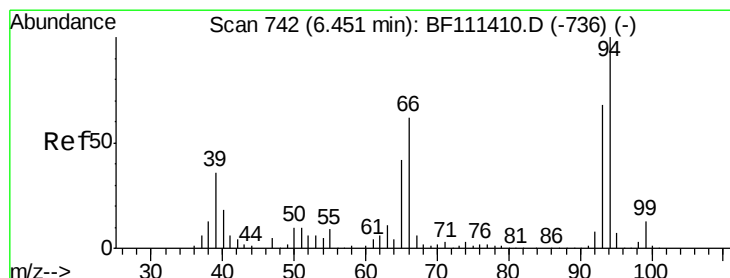
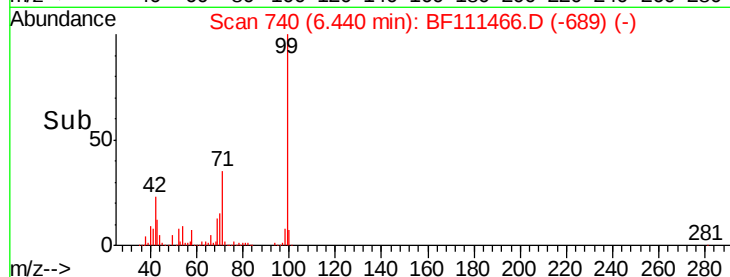
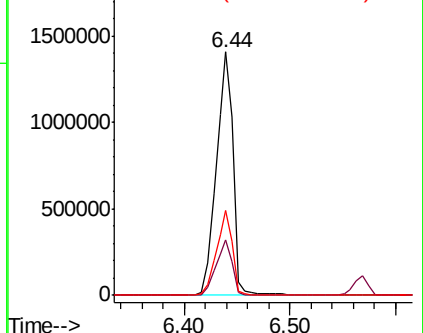
71 34.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.911 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111466.D

Acq: 15 Dec 2018 14:08

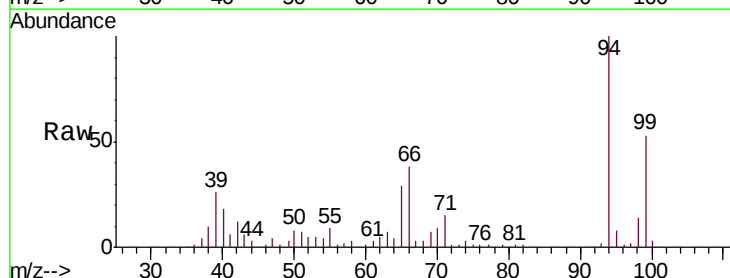
Tgt Ion: 94 Resp: 94684

Ion Ratio Lower Upper

94 100

65 28.8 11.7 51.7

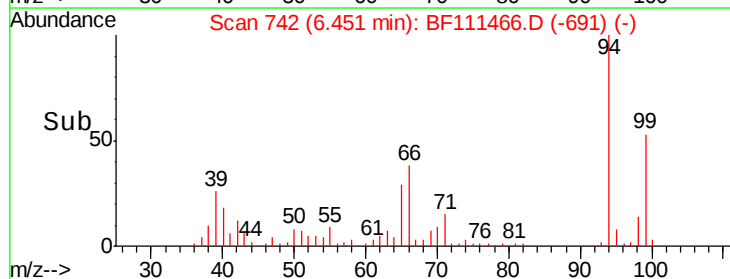
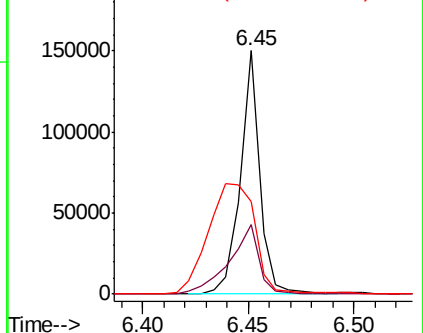
66 38.1 21.0 61.0

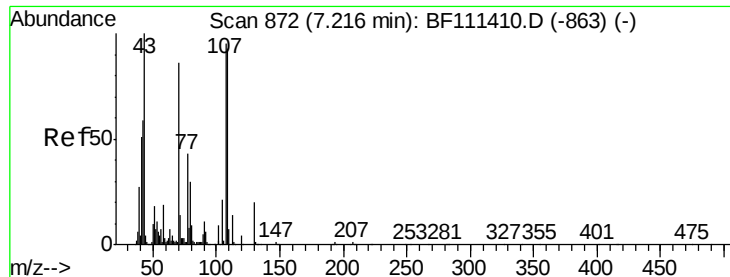


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

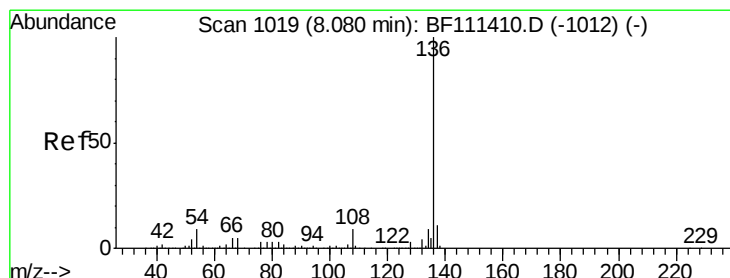
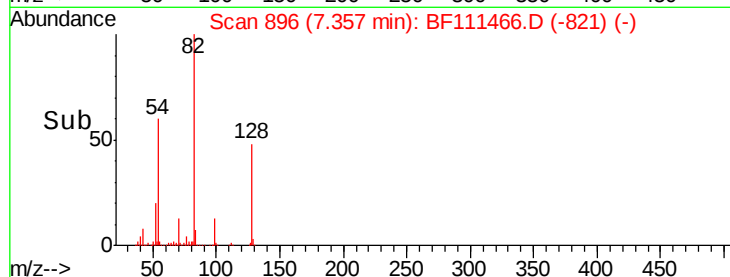
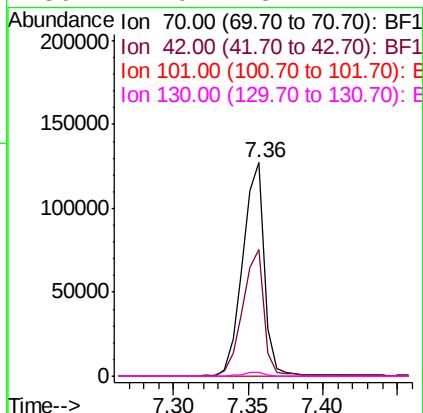
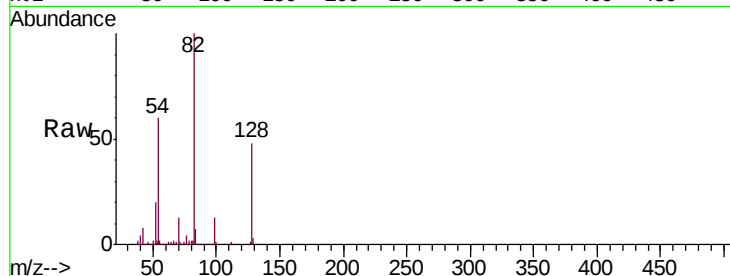




#19
n-Nitroso-di-n-propylamine
Concen: 15.944 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

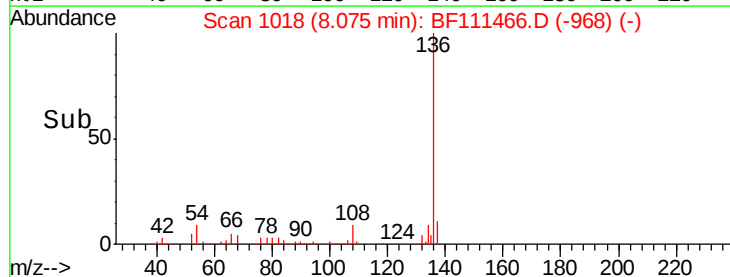
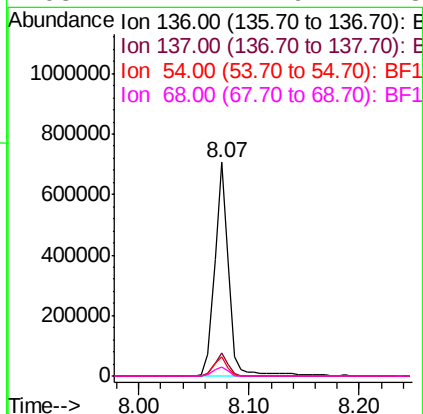
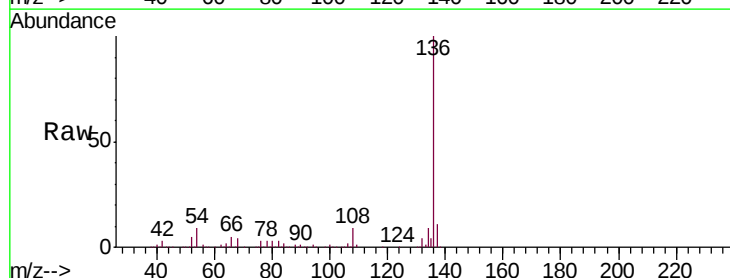
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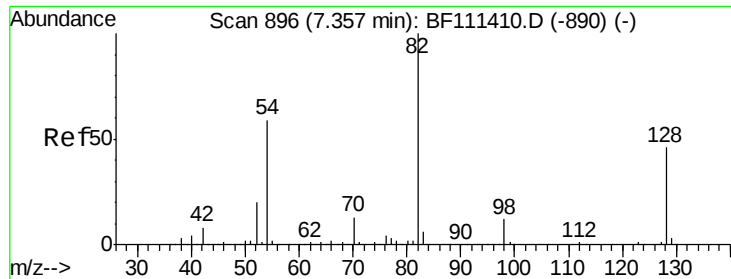
Tgt Ion:	70	Resp:	129368
Ion	Ratio	Lower	Upper
70	100		
42	59.2	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

Tgt Ion:	136	Resp:	608906
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.8	7.7	11.5
68	4.4	4.9	7.3#

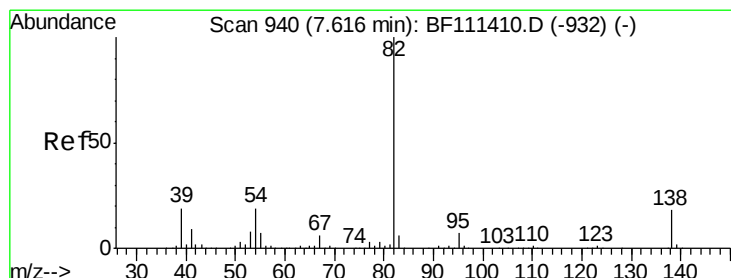
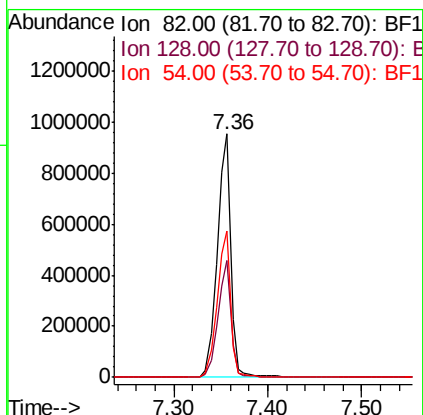
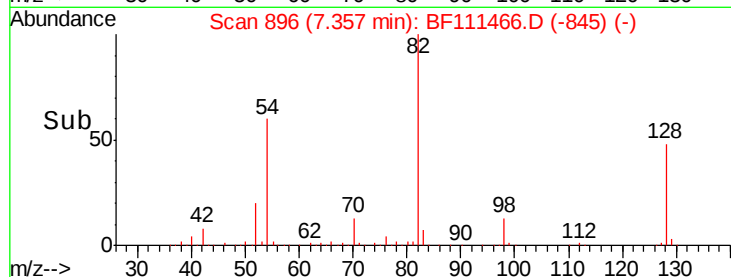
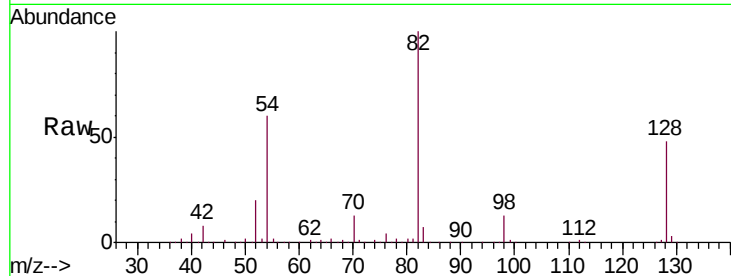




#23
Nitrobenzene-d5
Concen: 94.941 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

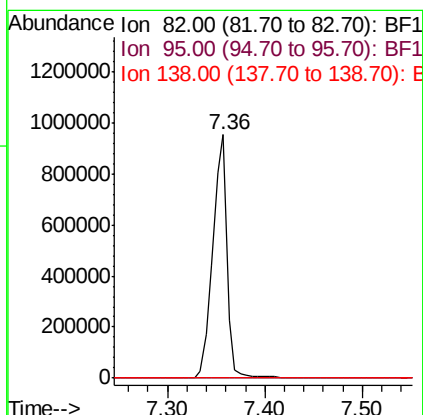
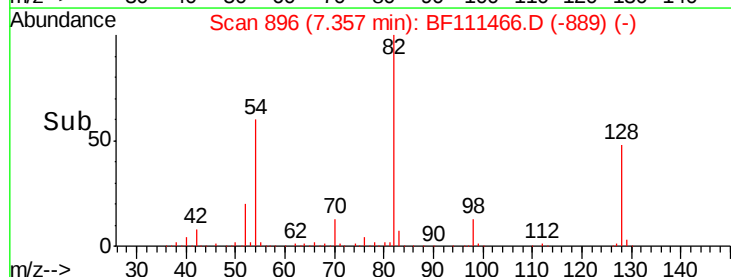
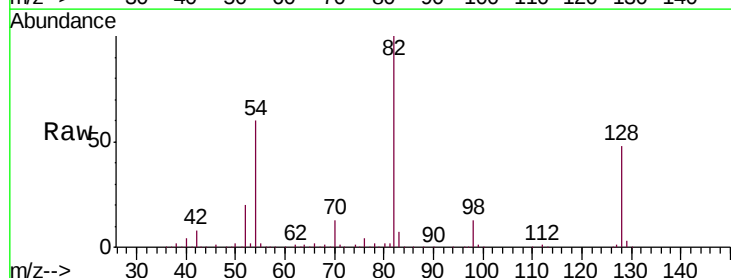
Instrument :
BNA_F
ClientSampleId :
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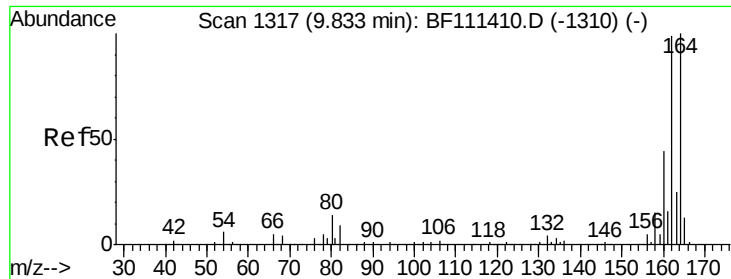
Tgt Ion: 82 Resp: 970806
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.2
54 60.1 47.6 71.4



#25
Isophorone
Concen: 56.111 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

Tgt Ion: 82 Resp: 970799
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

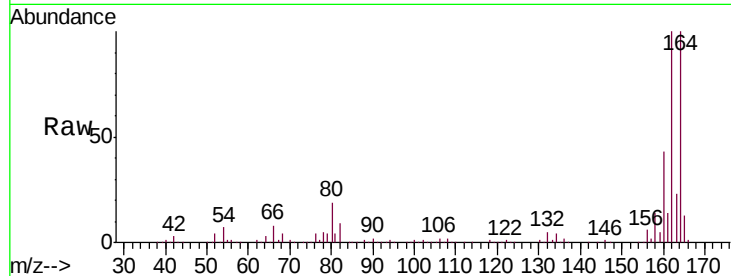




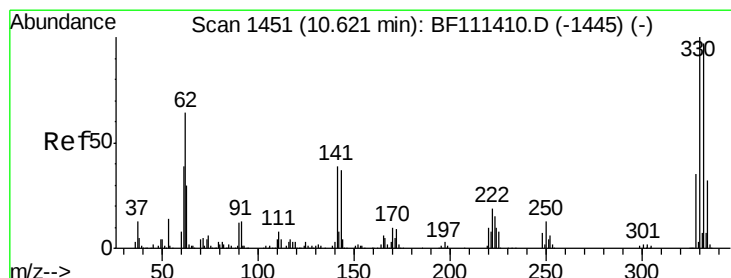
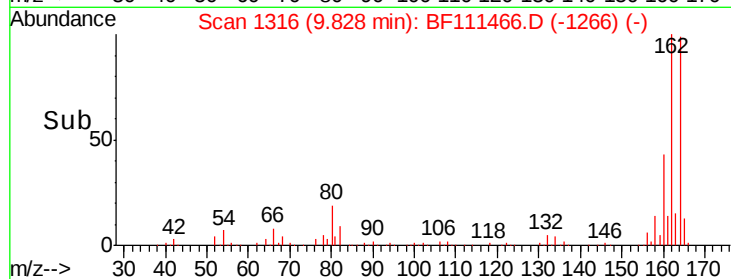
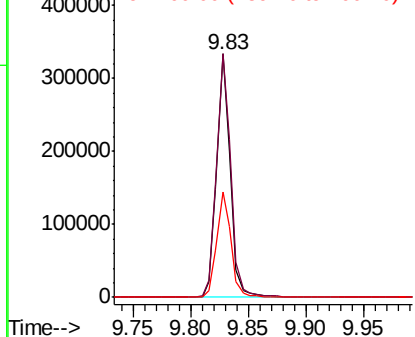
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-2-120718

Tgt Ion:164 Resp: 273532
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 43.3 35.7 53.5

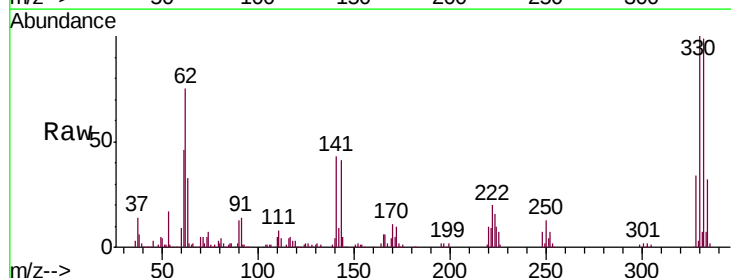


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

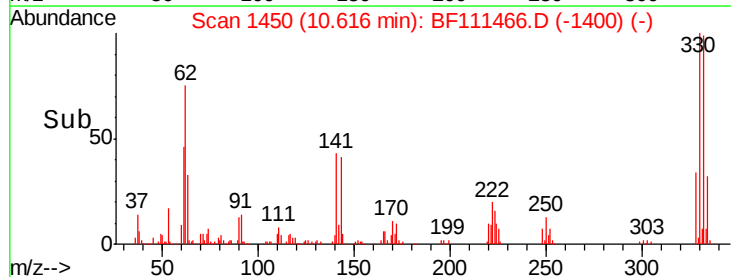
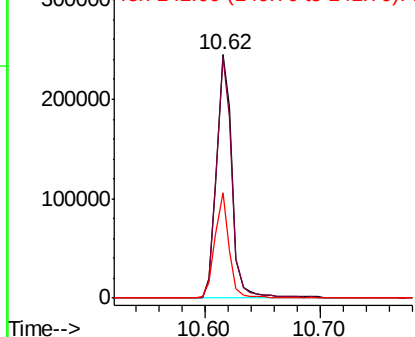


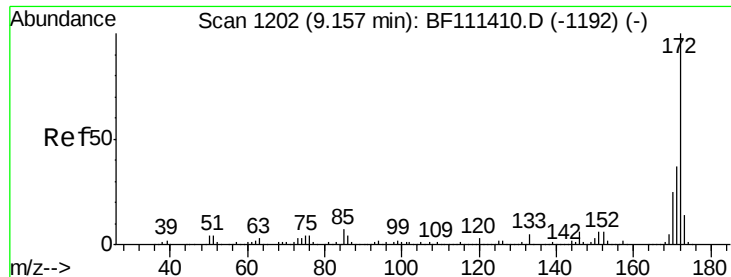
#42
2,4,6-Tribromophenol
Concen: 93.538 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

Tgt Ion:330 Resp: 229194
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 39.5 31.0 46.6



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

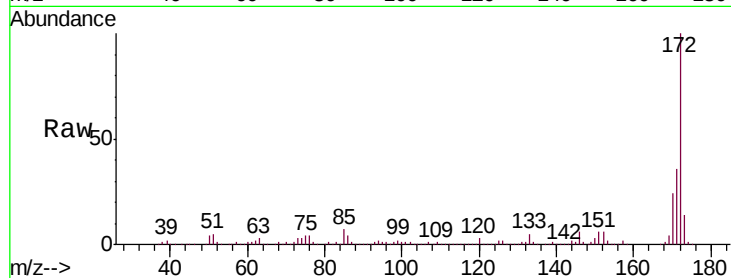




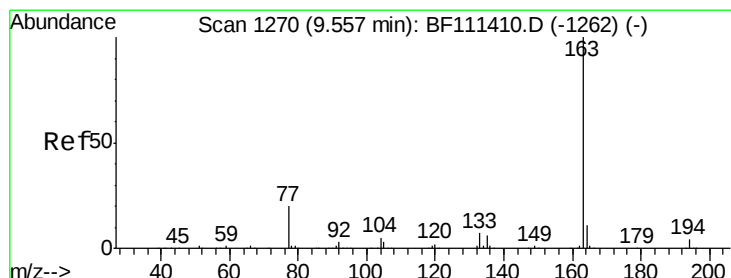
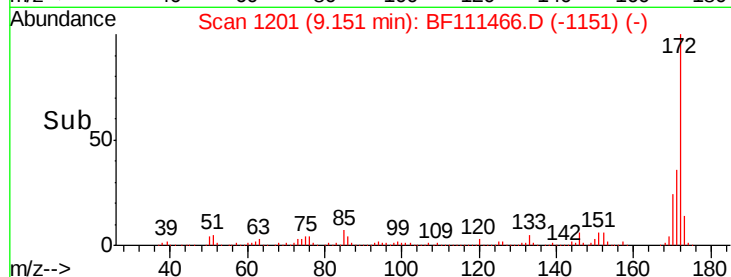
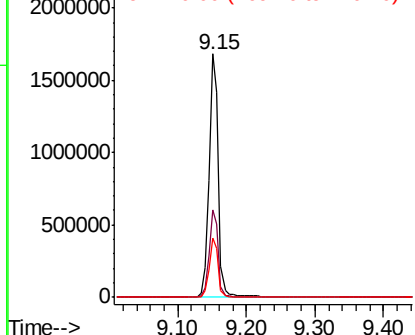
#45
2-Fluorobiphenyl
Concen: 90.900 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

Instrument :
BNA_F
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Tgt Ion:172 Resp: 1609709
Ion Ratio Lower Upper
172 100
171 36.1 33.0 49.4
170 24.2 22.3 33.5

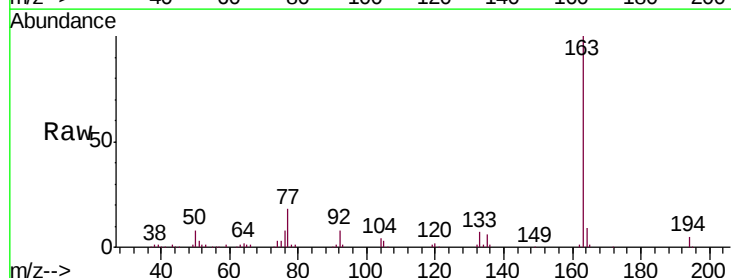


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

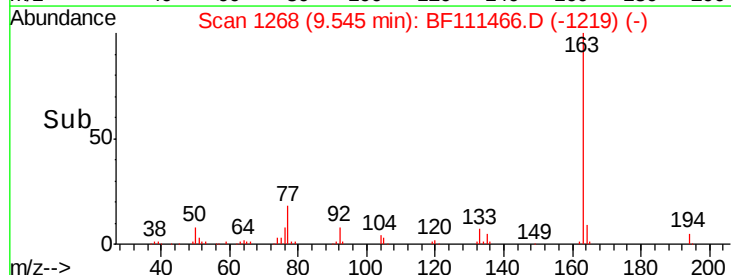
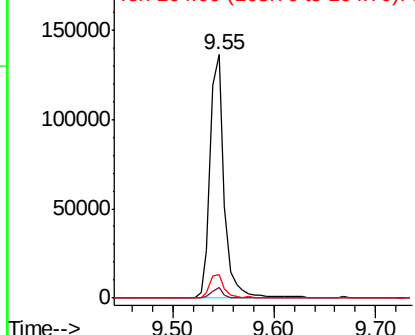


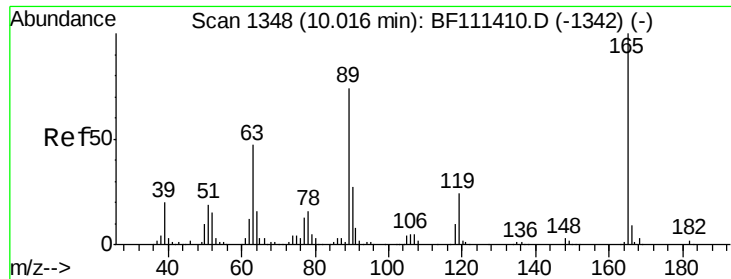
#50
Dimethylphthalate
Concen: 6.744 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

Tgt Ion:163 Resp: 132859
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6#
164 9.5 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

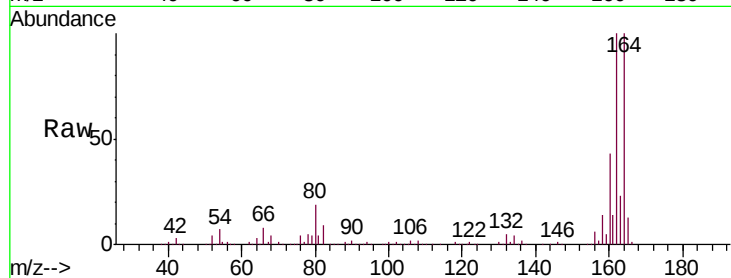




#57
 2,4-Dinitrotoluene
 Concen: 5.909 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111466.D
 Acq: 15 Dec 2018 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-2-120718

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#



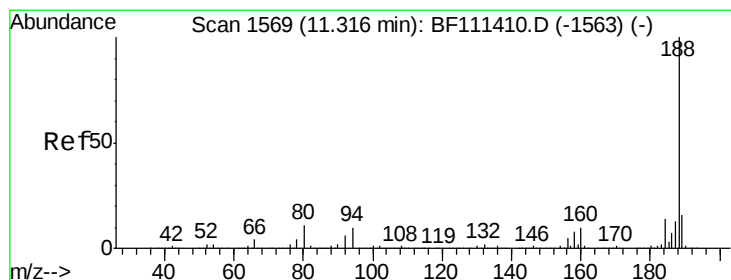
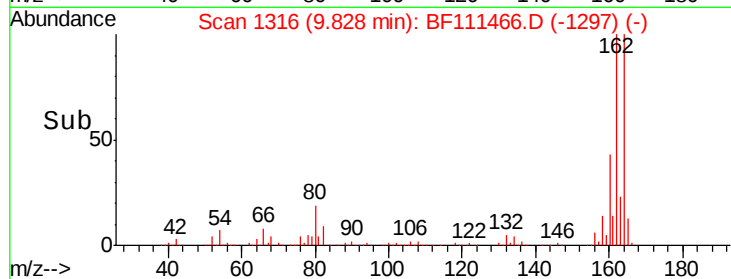
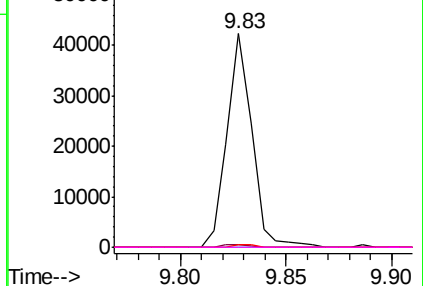
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

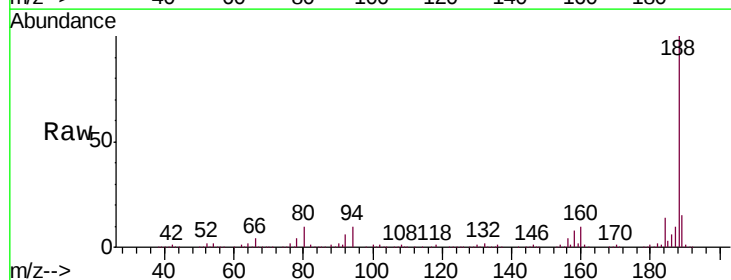
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111466.D
 Acq: 15 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.6	14.4
80	10.3	9.8	14.6

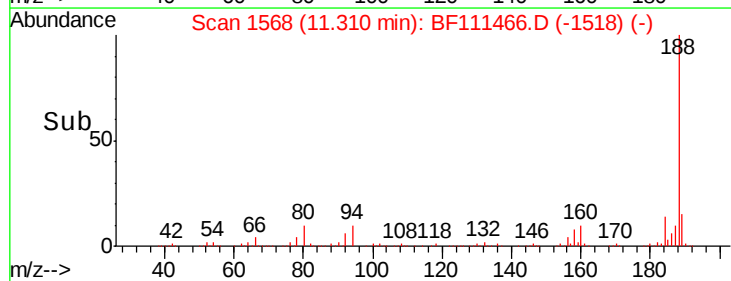
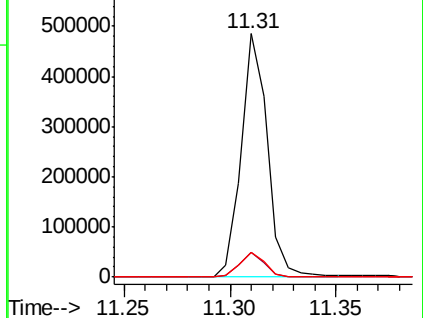


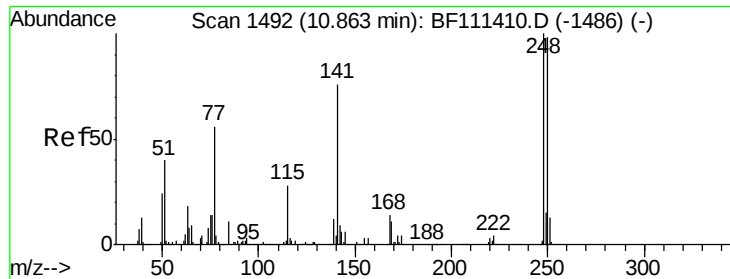
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

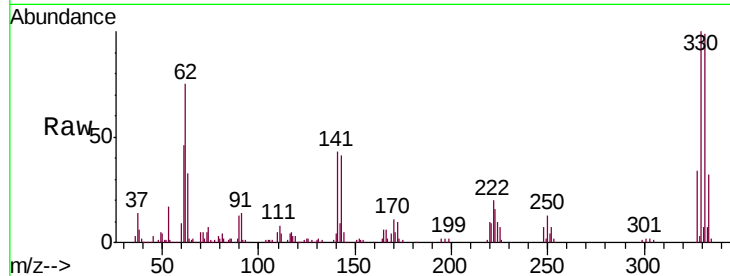




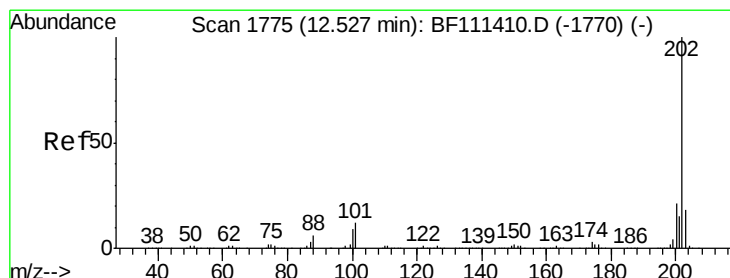
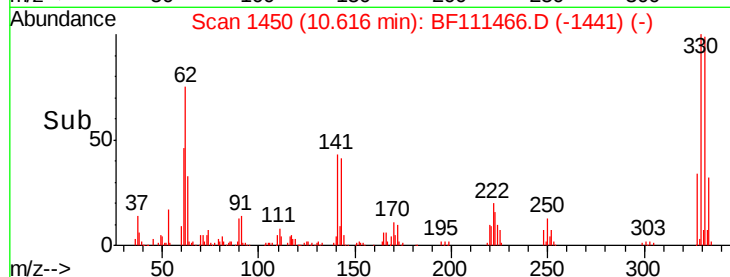
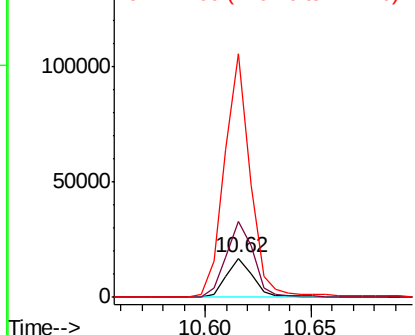
#67
4-Bromophenyl-phenylether
Concen: 3.316 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-2-120718

Tgt Ion:248 Resp: 14828
Ion Ratio Lower Upper
248 100
250 196.0 77.0 115.4#
141 626.6 63.0 94.6#

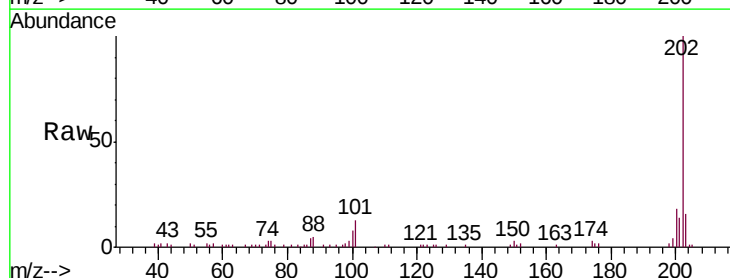


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

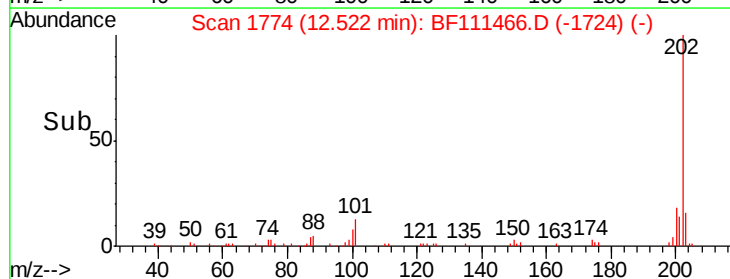
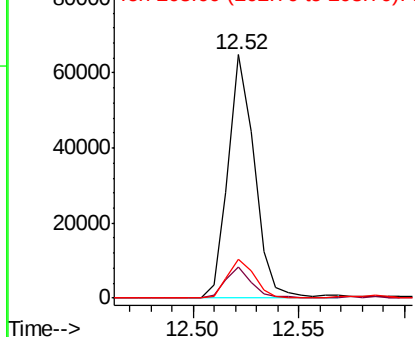


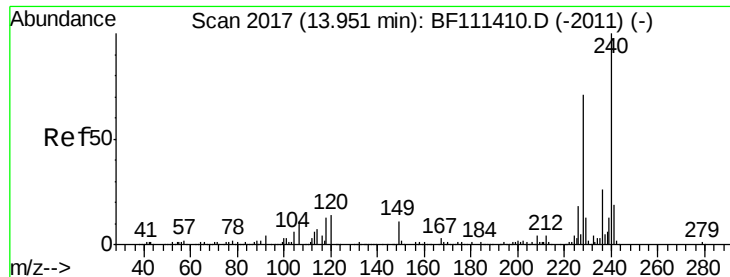
#75
Fluoranthene
Concen: 2.711 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

Tgt Ion:202 Resp: 56701
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.8
203 15.8 0.0 38.6



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

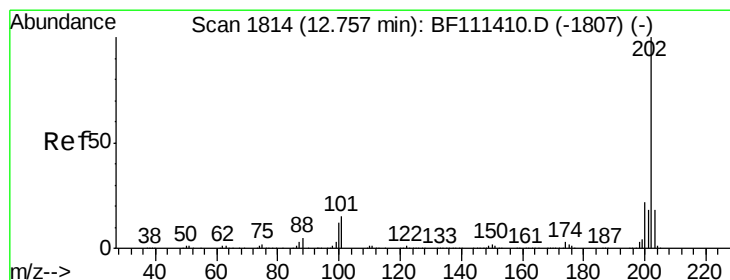
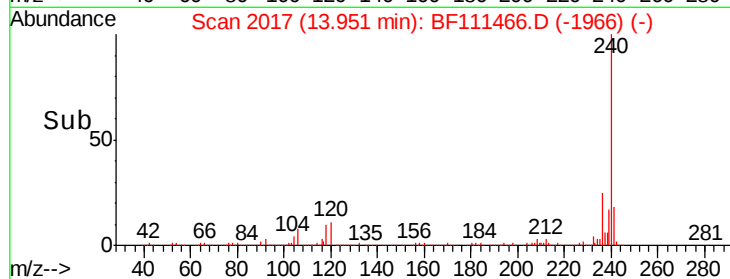
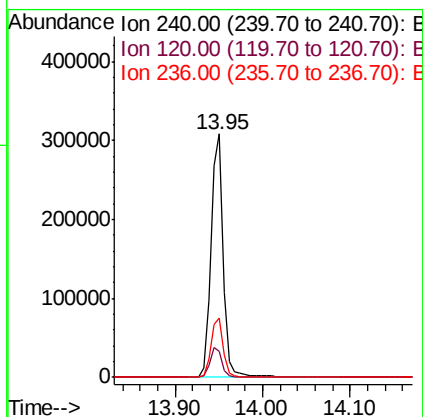
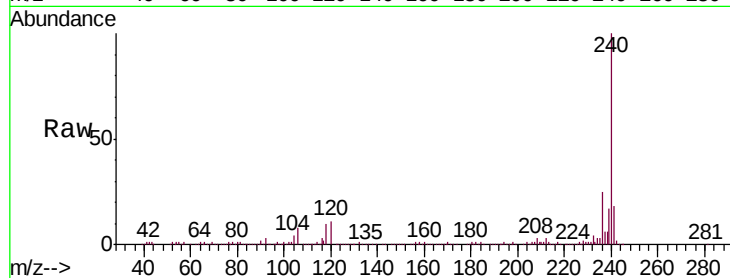




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

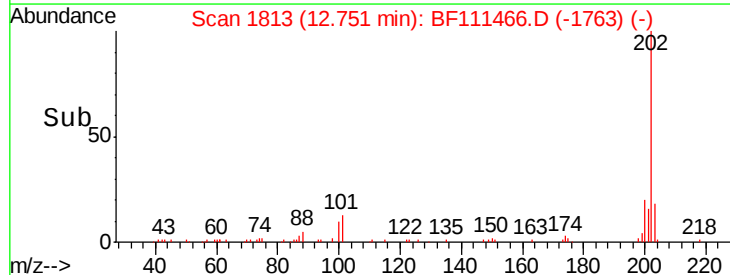
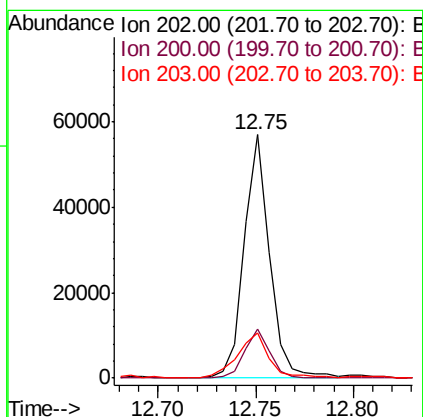
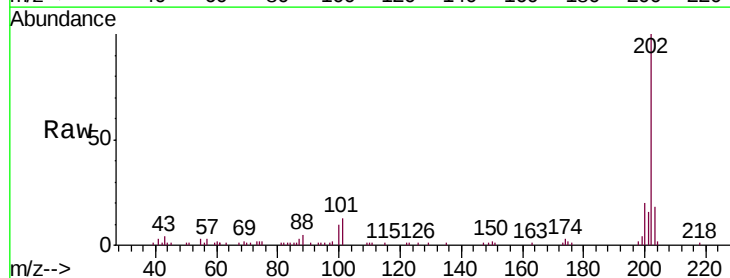
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-2-120718

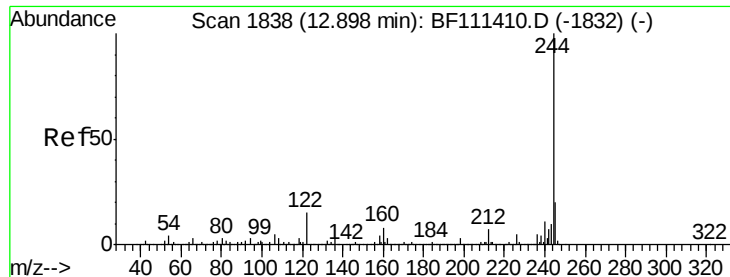
Tgt Ion:240 Resp: 299532
Ion Ratio Lower Upper
240 100
120 10.6 12.2 18.2#
236 24.5 20.2 30.2



#78
Pyrene
Concen: 2.441 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111466.D
Acq: 15 Dec 2018 14:08

Tgt Ion:202 Resp: 51551
Ion Ratio Lower Upper
202 100
200 20.1 19.0 28.4
203 18.3 15.2 22.8





#79

Terphenyl-d14

Concen: 82.449 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111466.D

Acq: 15 Dec 2018 14:08

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-2-120718

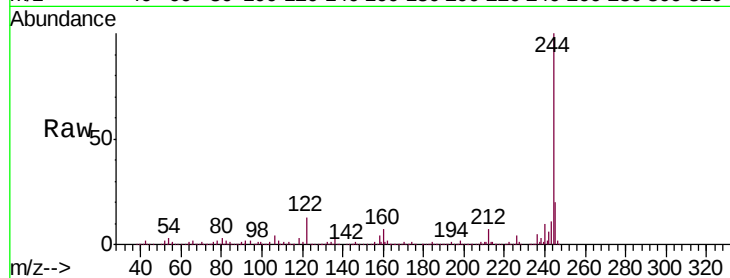
Tgt Ion:244 Resp: 1051693

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

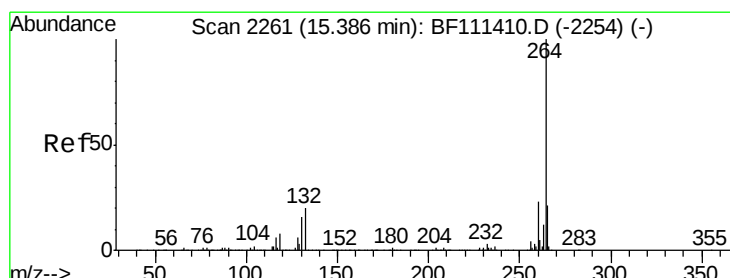
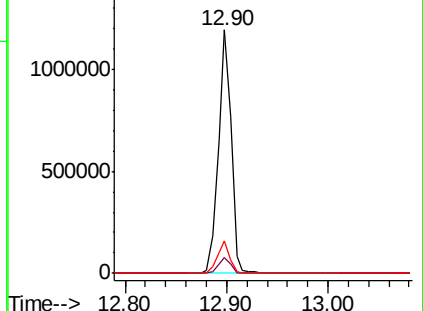
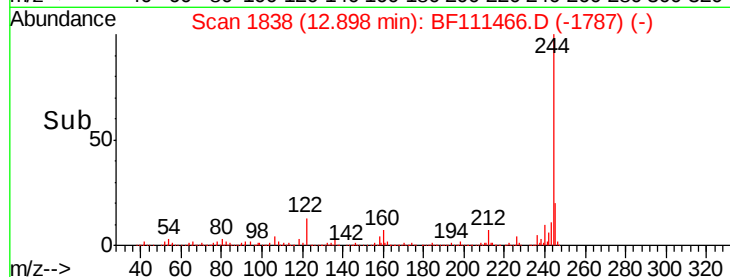
122 13.4 13.1 19.7



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: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111466.D

Acq: 15 Dec 2018 14:08

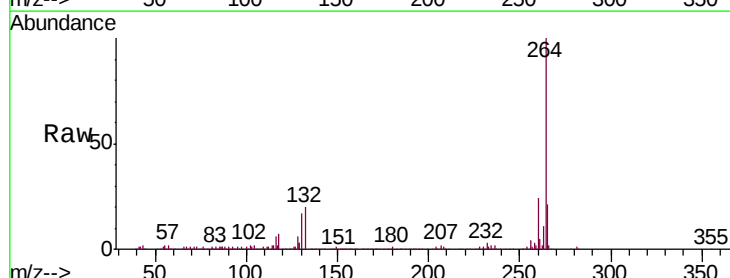
Tgt Ion:264 Resp: 293709

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

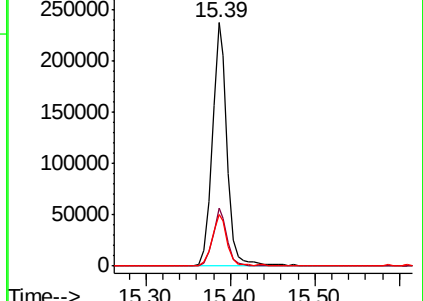
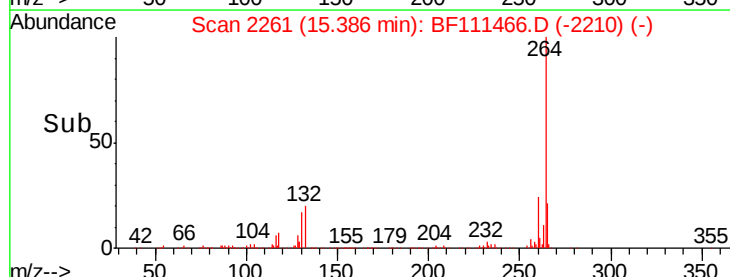
265 21.2 17.7 26.5

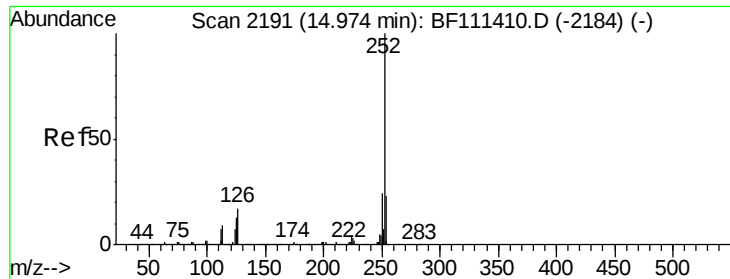


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.910 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BF111466.D

Acq: 15 Dec 2018 14:08

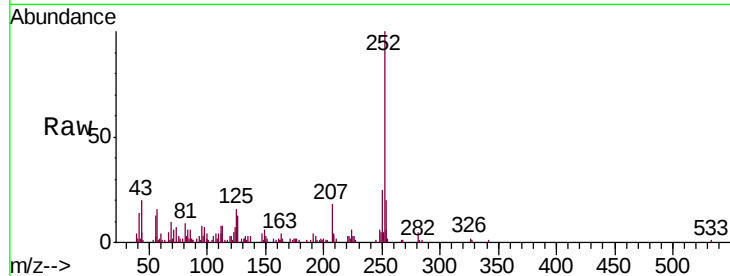
Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-2-120718

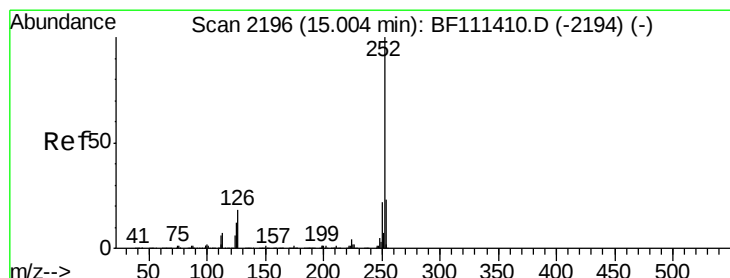
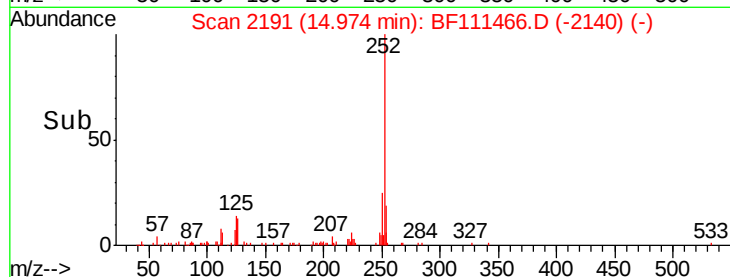
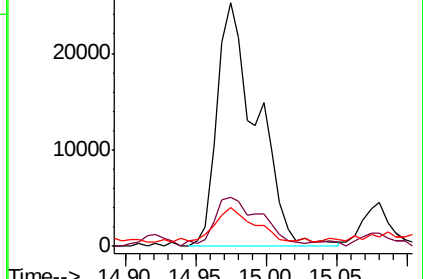
Tgt Ion:	252	Resp:	49823
Ion	Ratio	Lower	Upper
252	100		
253	20.2	18.2	27.2
125	15.7	10.4	15.6#



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: 3.045 ng

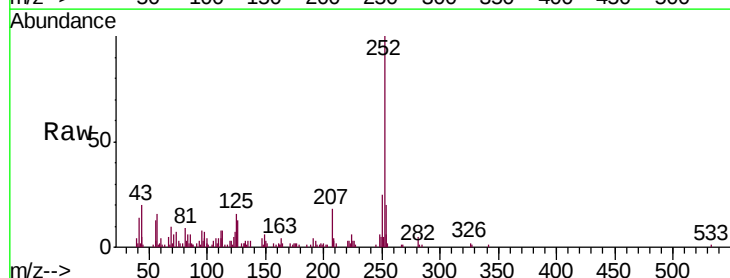
RT: 14.97 min Scan# 2191

Delta R.T. -0.03 min

Lab File: BF111466.D

Acq: 15 Dec 2018 14:08

Tgt Ion:	252	Resp:	49823
Ion	Ratio	Lower	Upper
252	100		
253	20.2	18.1	27.1
125	15.7	9.8	14.8#



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

