

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111351.D
 Acq On : 13 Dec 2018 5:18
 Operator : JU/SJ
 Sample : J6342-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Dec 13 07:38:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	220911	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	772035	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	317740	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	564875	20.00	ng	0.00
76) Chrysene-d12	13.95	240	196558	20.00	ng	0.00
87) Perylene-d12	15.40	264	284601	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1057398	80.94	ng	0.00
7) Phenol-d6	6.43	99	1634350	92.79	ng	0.00
23) Nitrobenzene-d5	7.35	82	983256	71.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	116299	41.52	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1741982	88.02	ng	0.00
79) Terphenyl-d14	12.90	244	1467776	164.35	ng	0.00

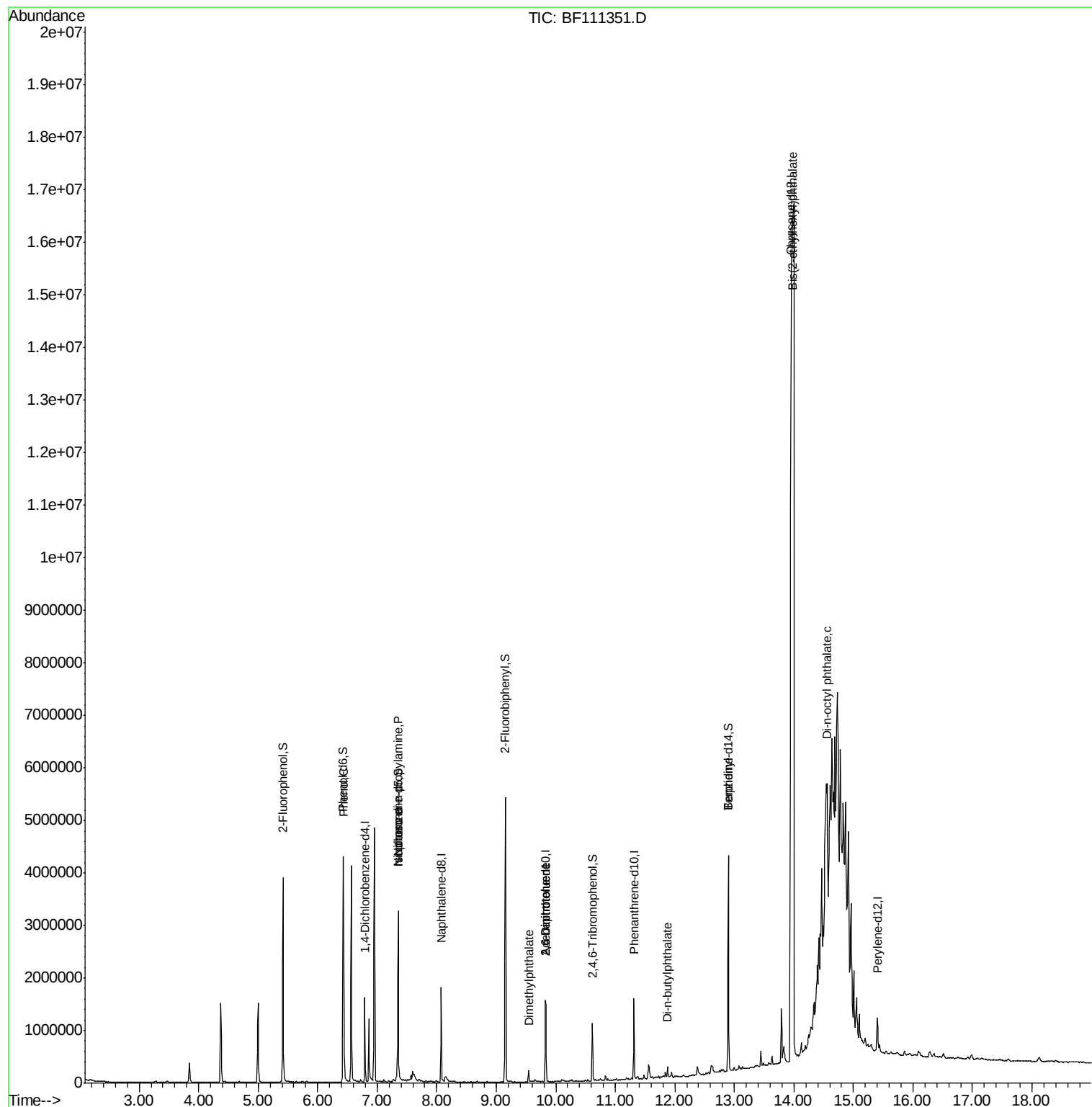
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2957	Below Cal		# 1
10) Phenol	6.44	94	72483	3.633	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	149645	12.786	ng	# 78
25) Isophorone	7.35	82	969315	41.660	ng	# 64
50) Dimethylphthalate	9.55	163	86403	3.781	ng	96
51) 2,6-Dinitrotoluene	9.83	165	40708	8.037	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	40708	6.271	ng	# 24
74) Di-n-butylphthalate	11.88	149	83821	2.395	ng	# 97
77) Benzidine	12.90	184	17153	4.624	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	15266715	1714.573	ng	# 95
85) Di-n-octyl phthalate	14.56	149	1916702	131.096	ng	# 50

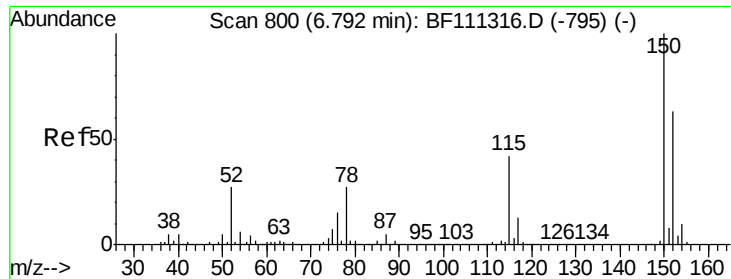
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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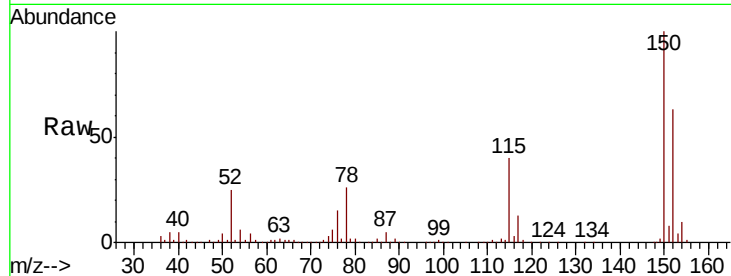




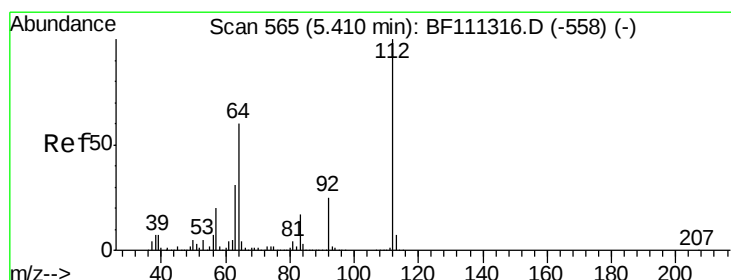
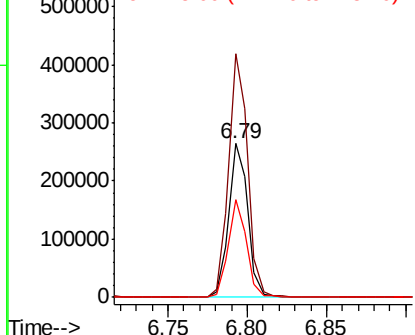
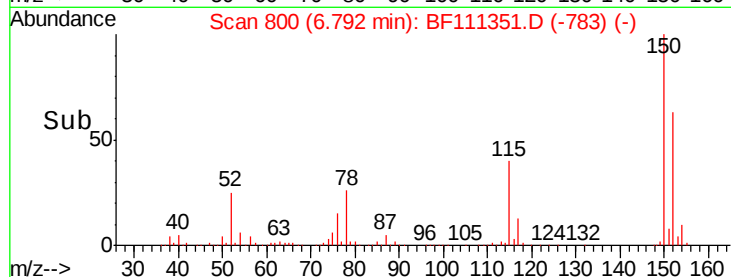
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111351.D
 Acq: 13 Dec 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:152 Resp: 220911
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.6 189.8
 115 63.3 50.7 76.1

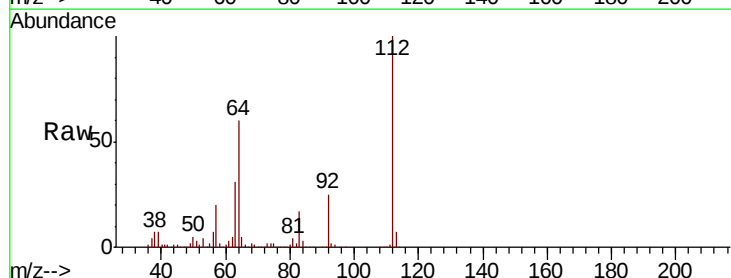


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

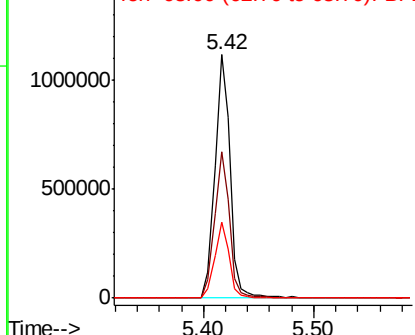
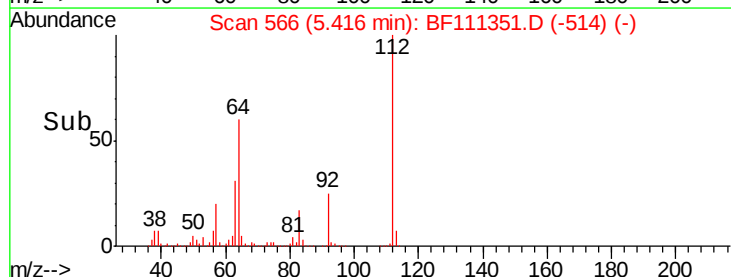


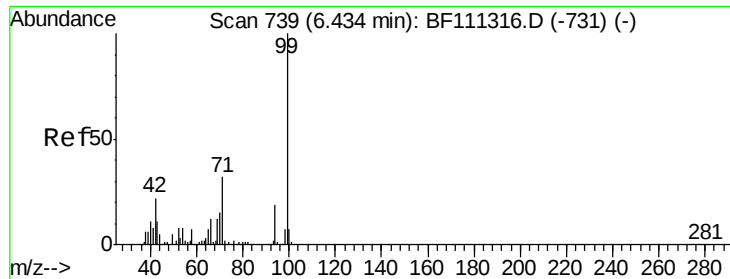
#5
 2-Fluorophenol
 Concen: 80.942 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF111351.D
 Acq: 13 Dec 2018 5:18

Tgt Ion:112 Resp: 1057398
 Ion Ratio Lower Upper
 112 100
 64 59.9 51.8 77.6
 63 31.0 26.8 40.2



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: 92.790 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

Instrument :

BNA_F

ClientSampleId :

DFTPP

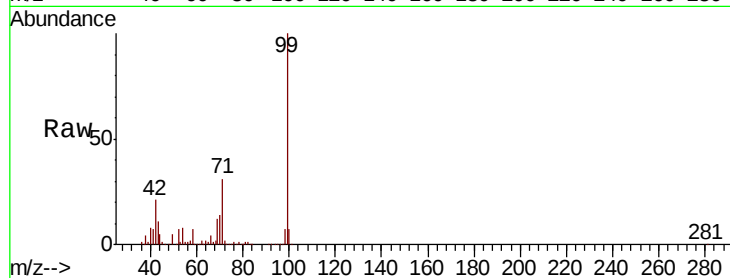
Tgt Ion: 99 Resp: 1634350

Ion Ratio Lower Upper

99 100

42 20.8 17.4 26.0

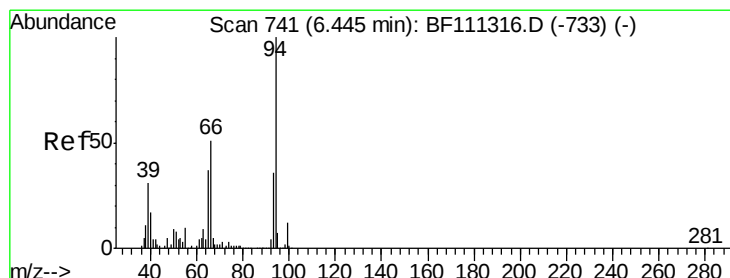
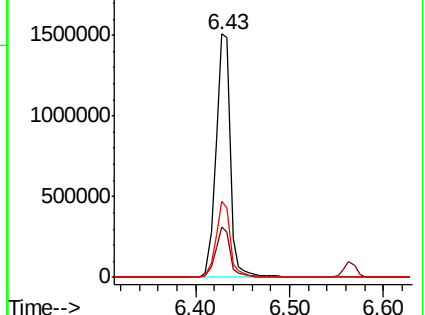
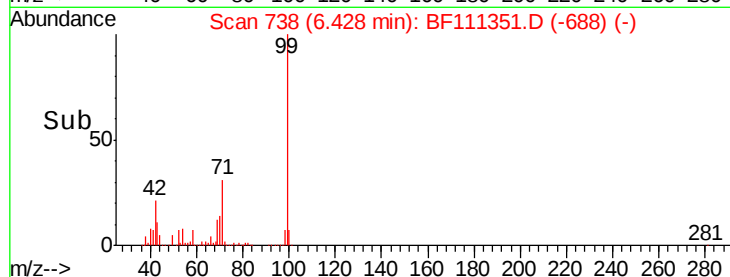
71 31.4 26.1 39.1



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: 3.633 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

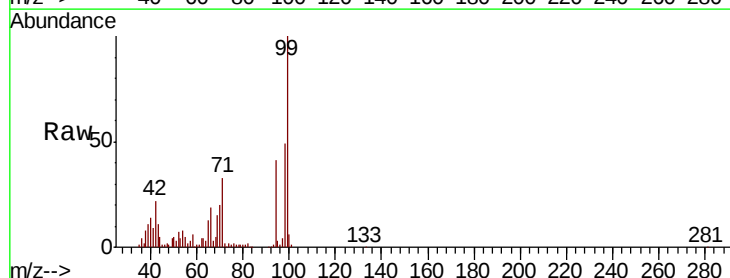
Tgt Ion: 94 Resp: 72483

Ion Ratio Lower Upper

94 100

65 30.3 11.7 51.7

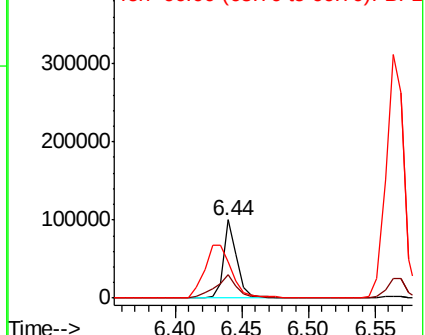
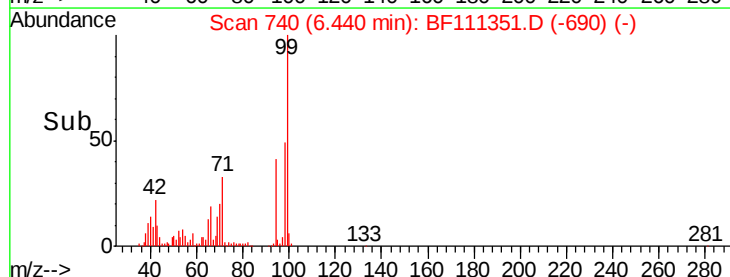
66 46.3 21.0 61.0

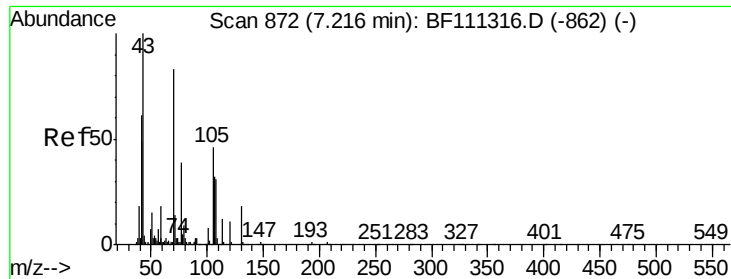


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

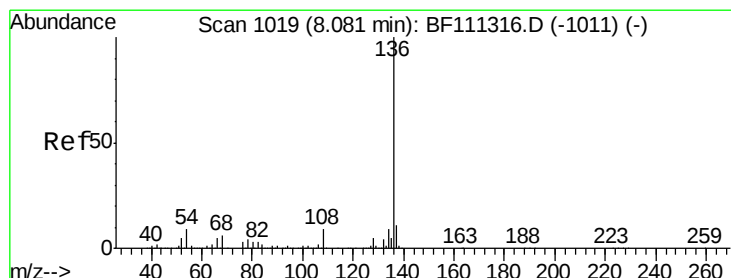
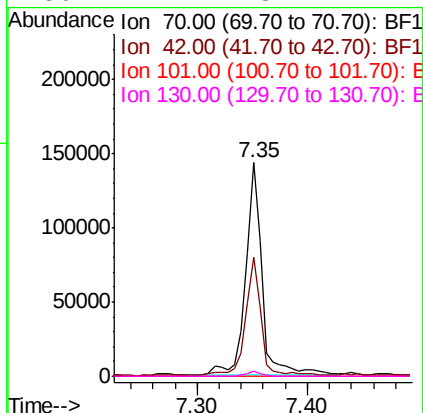
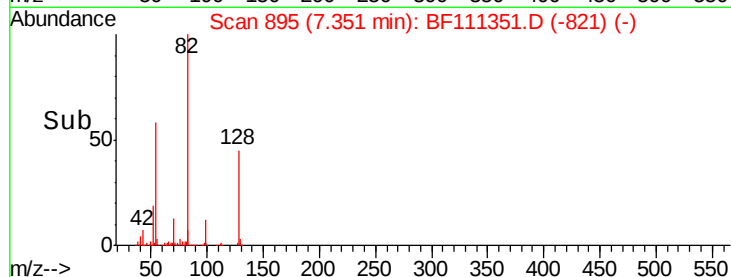
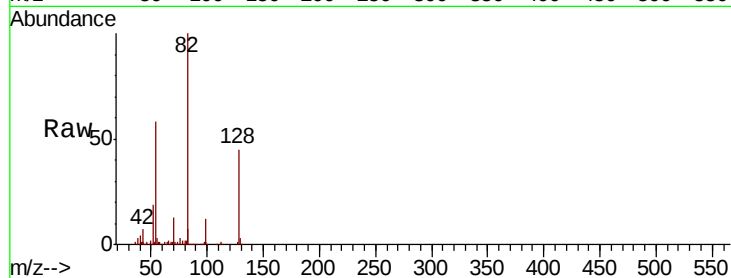




#19
n-Nitroso-di-n-propylamine
Concen: 12.786 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

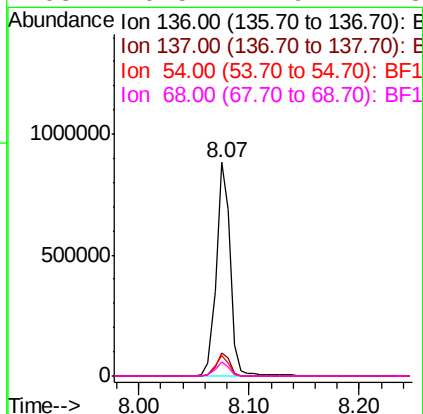
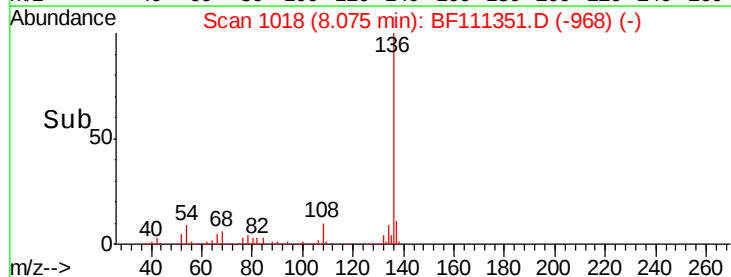
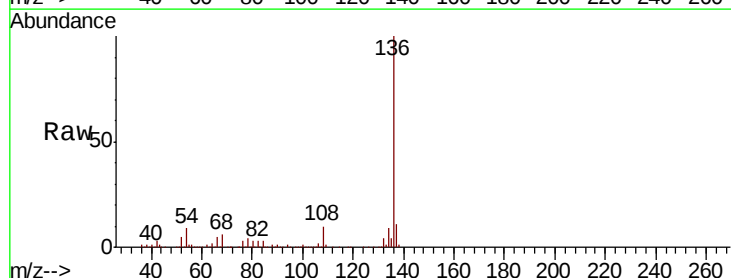
Instrument :
BNA_F
ClientSampled :
DFTPP

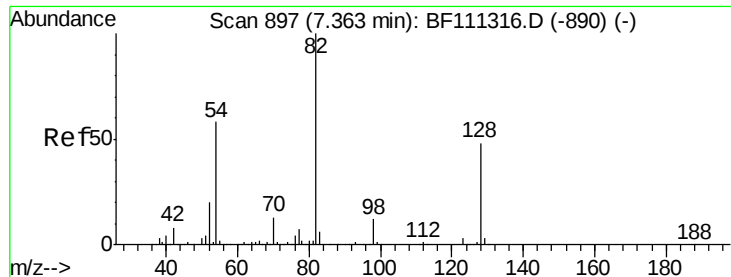
Tgt Ion: 70 Resp: 149645
Ion Ratio Lower Upper
70 100
42 55.5 53.2 79.8
101 0.0 8.2 12.4#
130 2.2 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Tgt Ion: 136 Resp: 772035
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.4 7.7 11.5
68 6.5 4.9 7.3

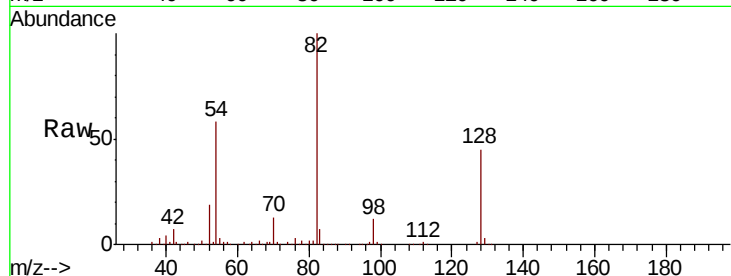




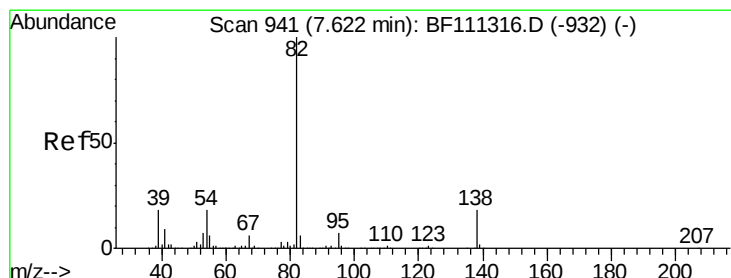
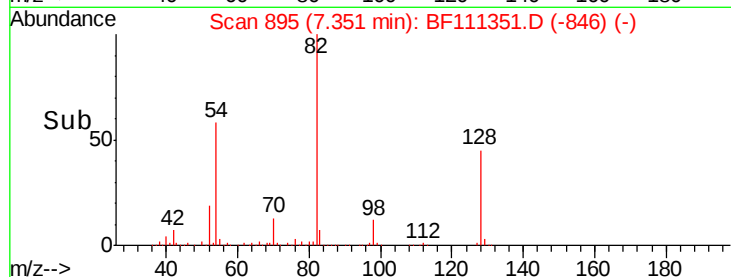
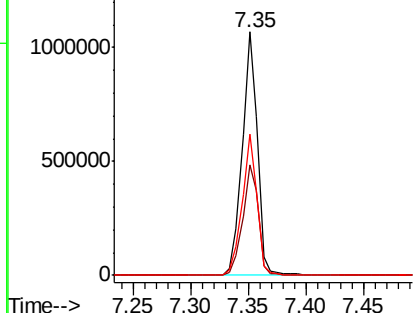
#23
Nitrobenzene-d5
Concen: 71.784 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.4	56.2
54	58.2	47.6	71.4

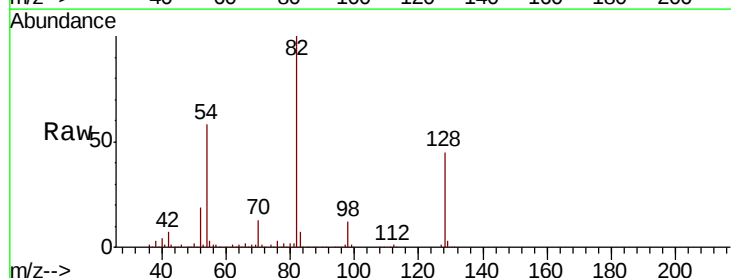


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

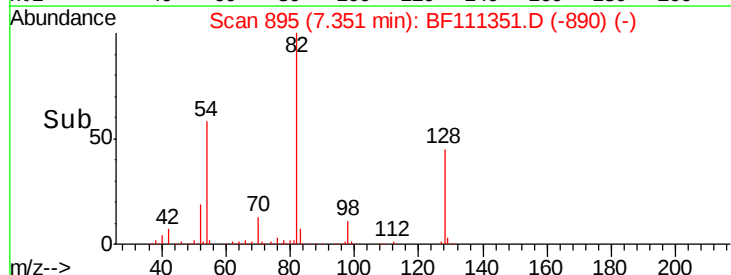
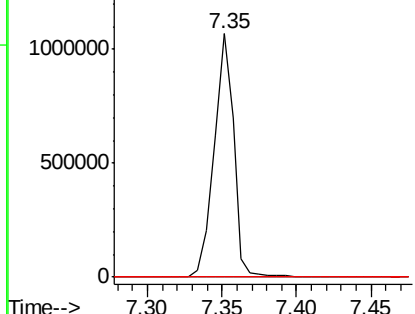


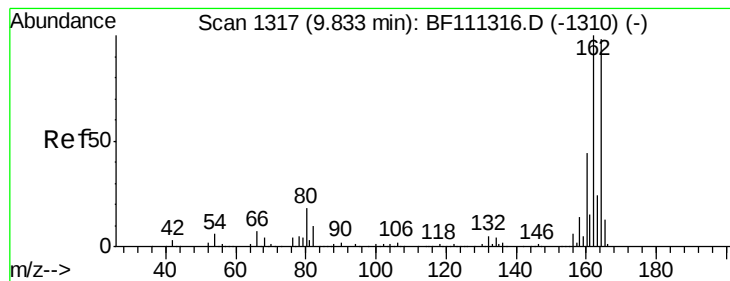
#25
Isophorone
Concen: 41.660 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

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



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

Instrument :

BNA_F

ClientSampleId :

DFTPP

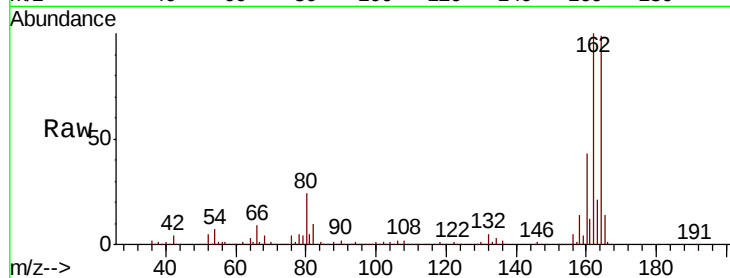
Tgt Ion:164 Resp: 317740

Ion Ratio Lower Upper

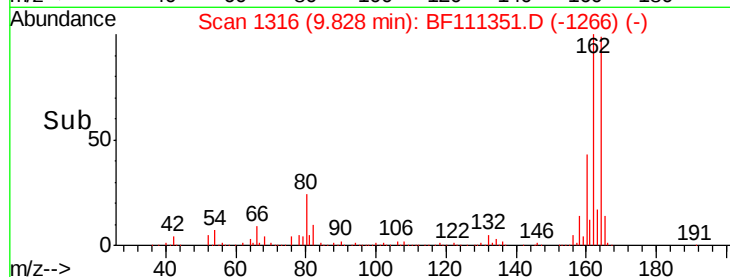
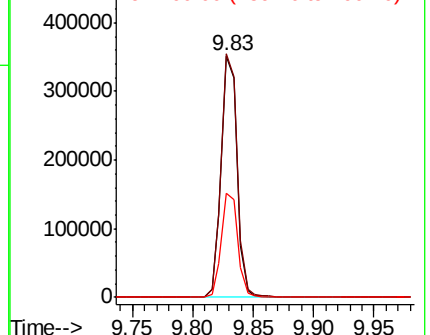
164 100

162 101.0 81.4 122.0

160 43.1 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: 41.522 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

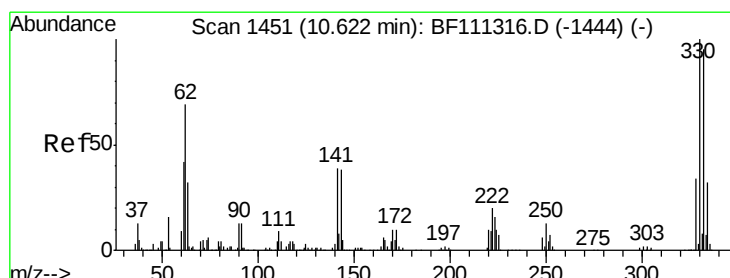
Tgt Ion:330 Resp: 116299

Ion Ratio Lower Upper

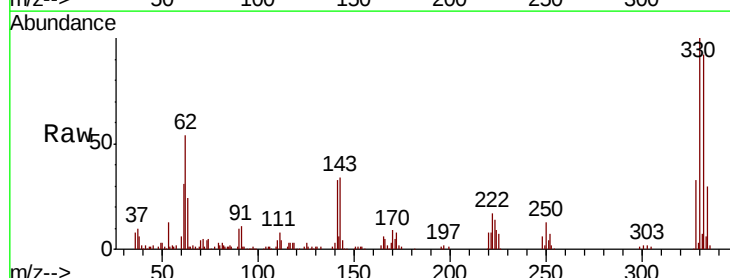
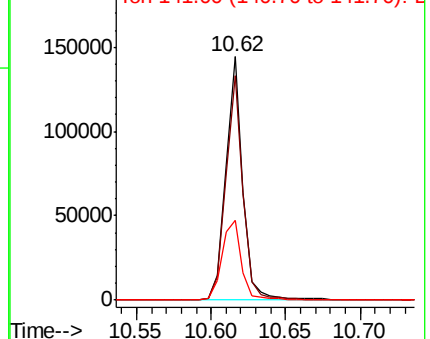
330 100

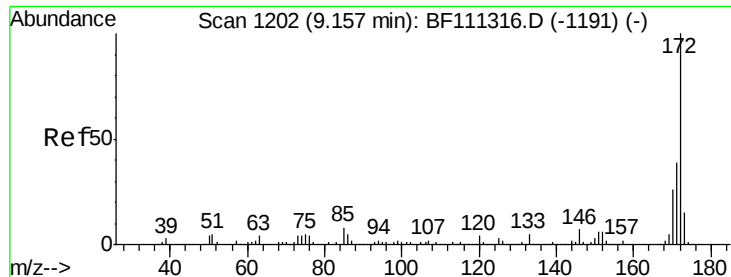
332 94.3 76.0 114.0

141 37.9 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

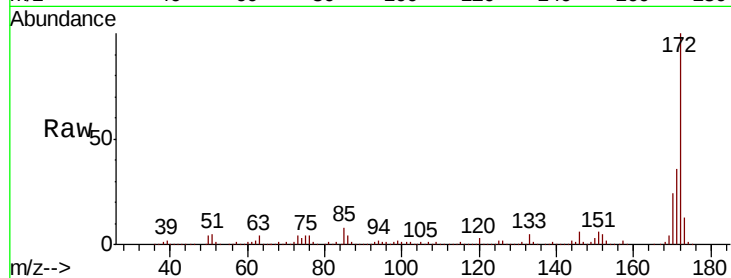




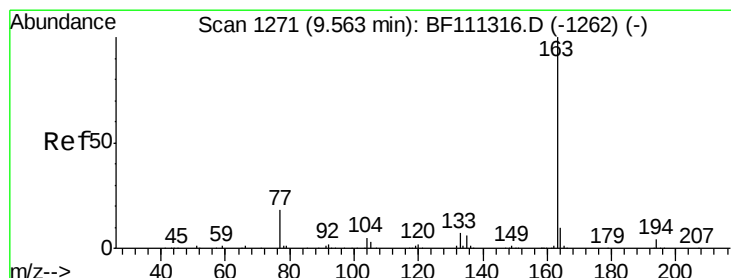
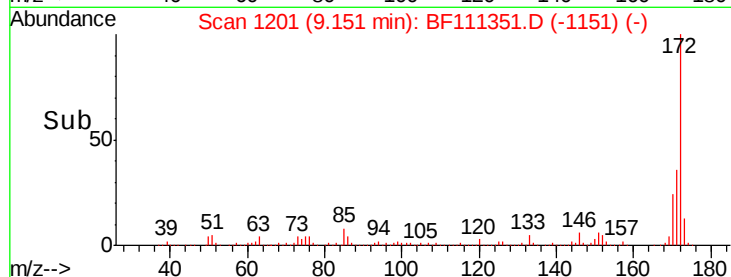
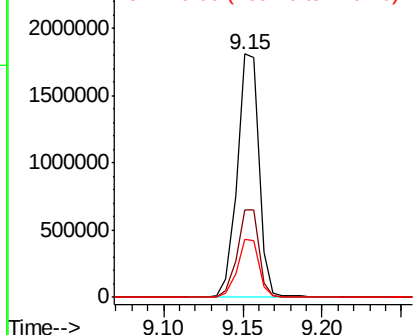
#45
 2-Fluorobiphenyl
 Concen: 88.019 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111351.D
 Acq: 13 Dec 2018 5:18

Instrument :
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 DFTPP

Tgt Ion:172 Resp: 1741982
 Ion Ratio Lower Upper
 172 100
 171 35.7 33.0 49.4
 170 23.6 22.3 33.5

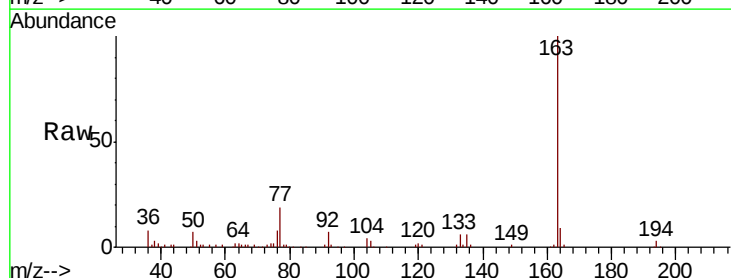


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

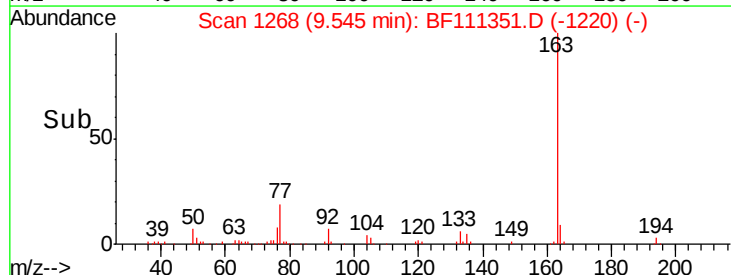
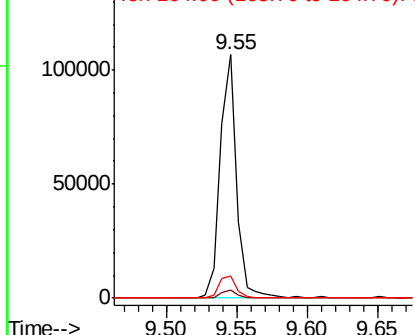


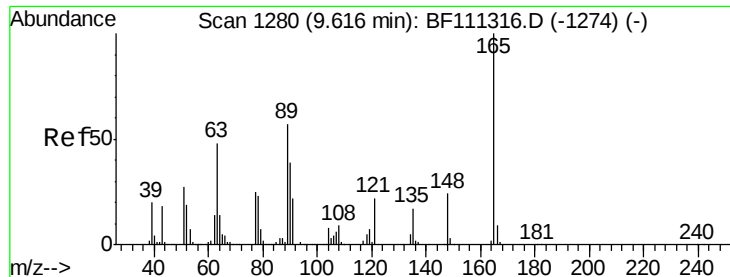
#50
 Dimethylphthalate
 Concen: 3.781 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF111351.D
 Acq: 13 Dec 2018 5:18

Tgt Ion:163 Resp: 86403
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.6
 164 9.2 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

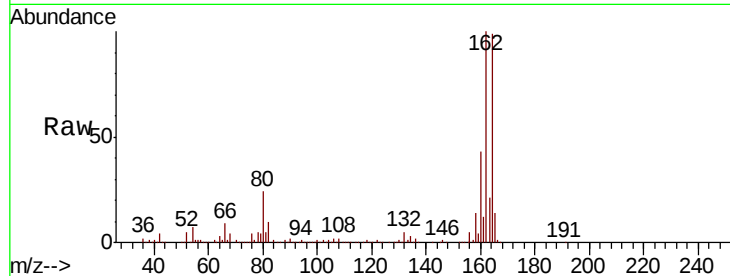




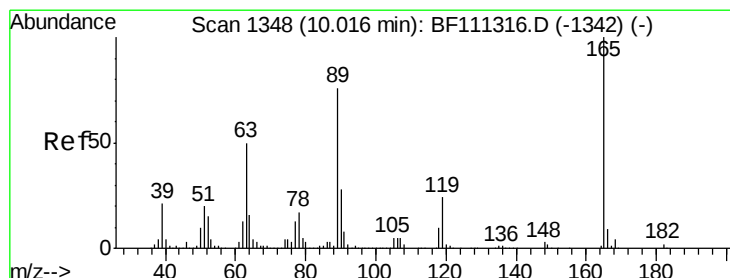
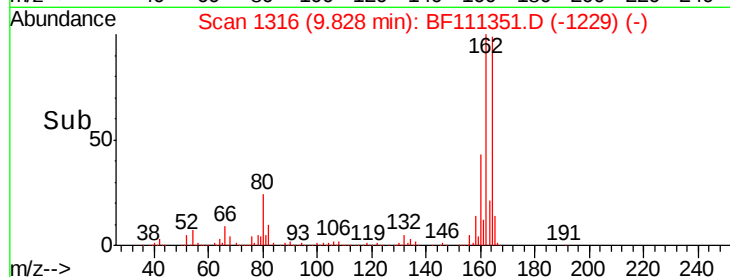
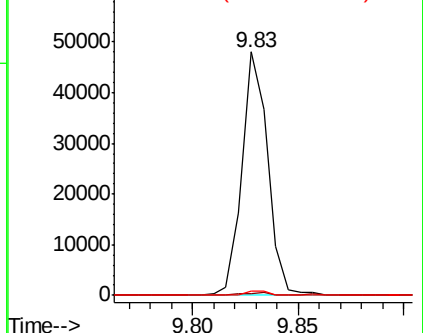
#51
 2,6-Dinitrotoluene
 Concen: 8.037 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111351.D
 Acq: 13 Dec 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.5	60.7#
89	1.5	40.0	60.0#



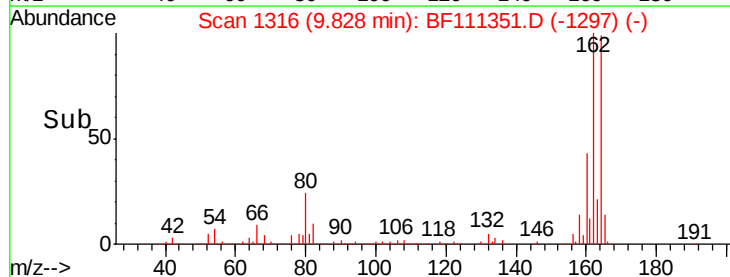
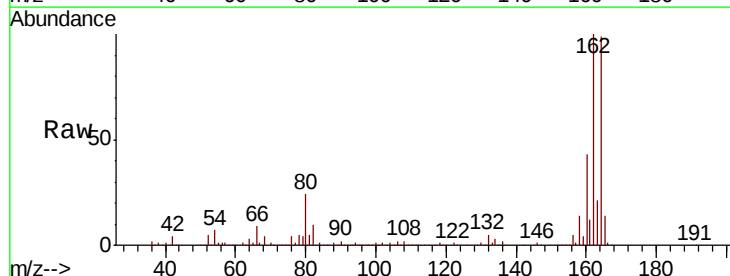
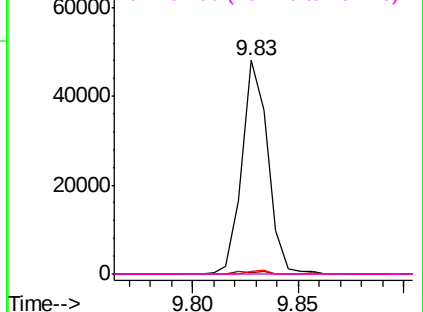
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

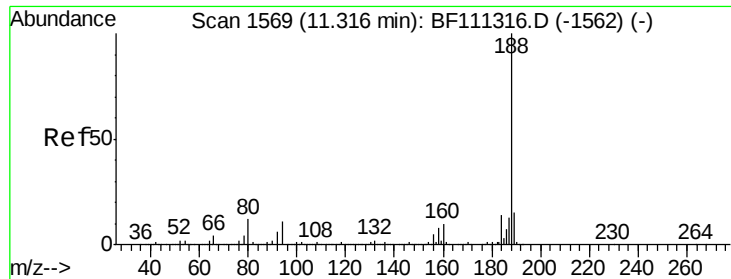


#57
 2,4-Dinitrotoluene
 Concen: 6.271 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111351.D
 Acq: 13 Dec 2018 5:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.6	52.0#
89	1.5	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

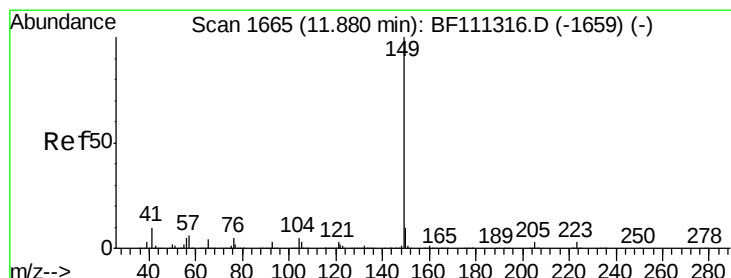
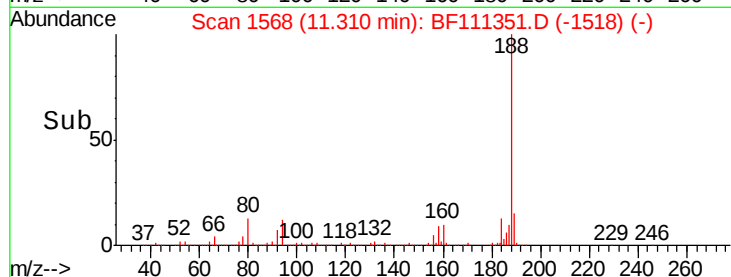
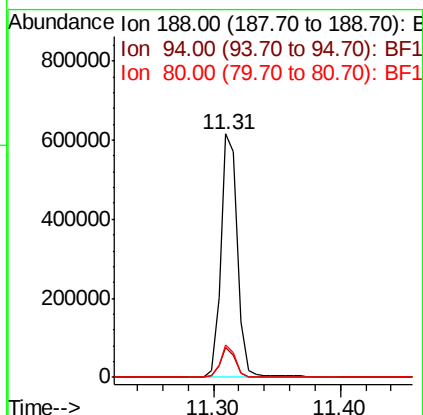
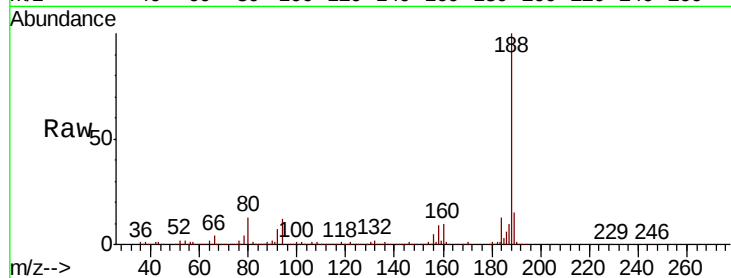




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

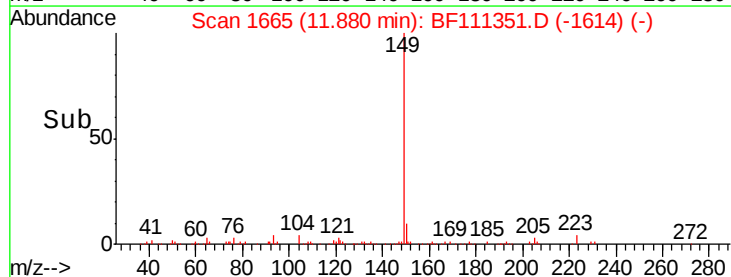
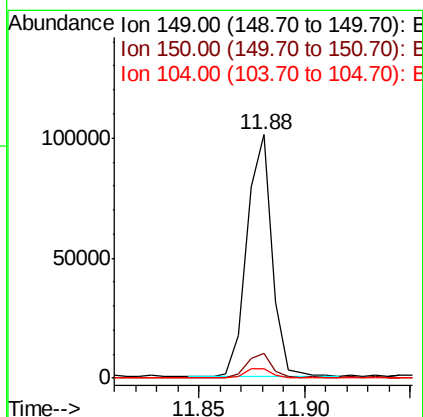
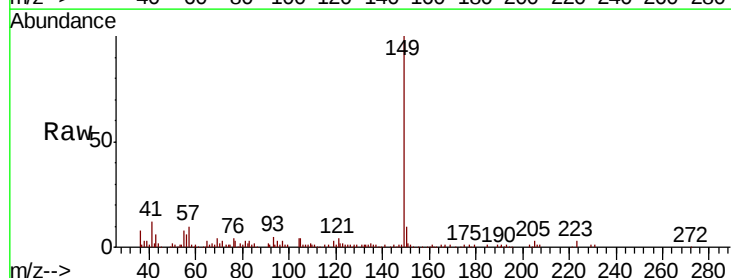
Instrument :
BNA_F
ClientSampleId :
DFTPP

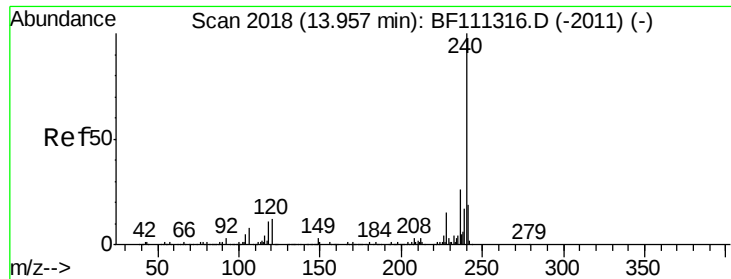
Tgt Ion:188 Resp: 564875
Ion Ratio Lower Upper
188 100
94 12.5 9.6 14.4
80 13.2 9.8 14.6



#74
Di-n-butylphthalate
Concen: 2.395 ng
RT: 11.88 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Tgt Ion:149 Resp: 83821
Ion Ratio Lower Upper
149 100
150 10.2 8.8 13.2
104 4.0 4.5 6.7#

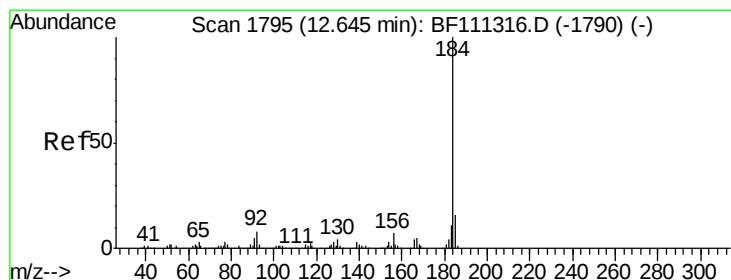
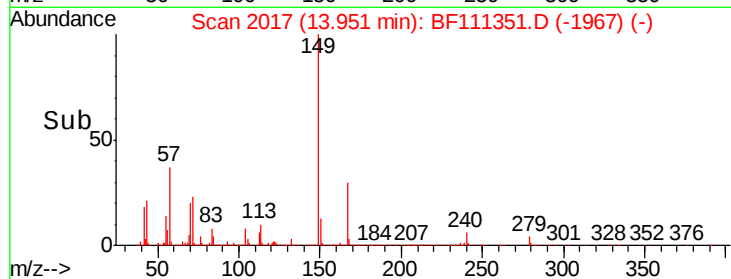
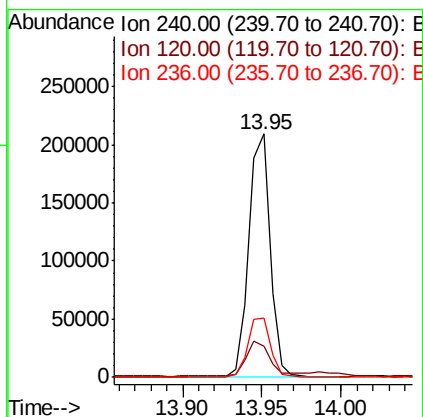
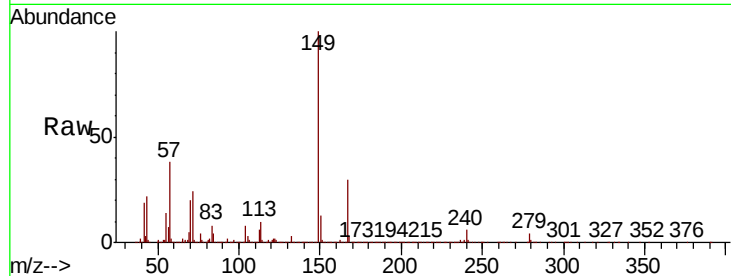




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

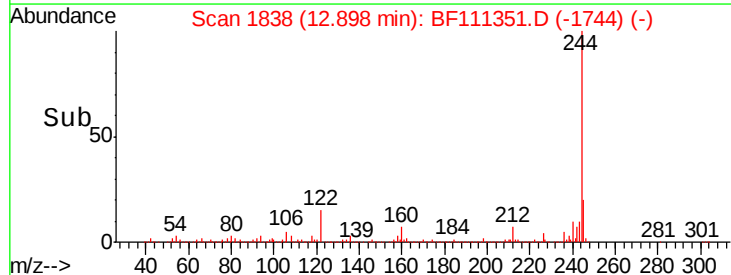
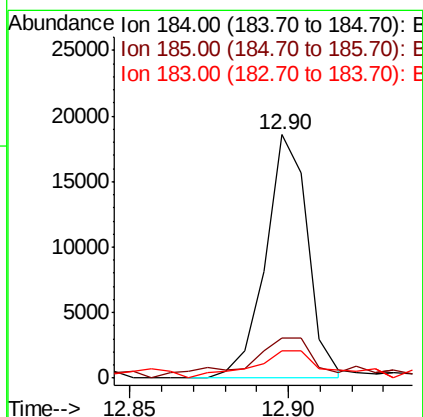
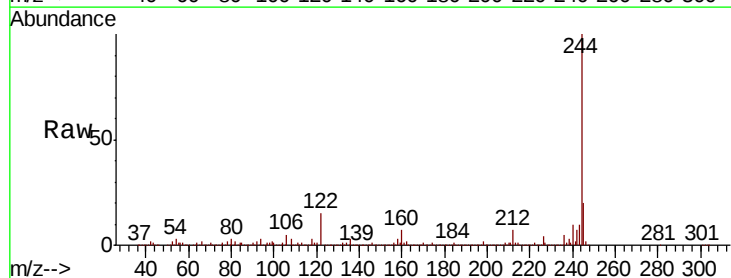
Instrument :
BNA_F
ClientSampled :
DFTPP

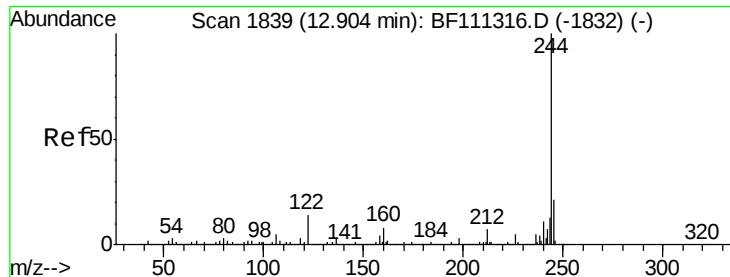
Tgt Ion: 240 Resp: 196558
Ion Ratio Lower Upper
240 100
120 13.0 12.2 18.2
236 24.4 20.2 30.2



#77
Benzidine
Concen: 4.624 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.25 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Tgt Ion: 184 Resp: 17153
Ion Ratio Lower Upper
184 100
185 16.6 13.0 19.6
183 11.4 9.3 13.9





#79

Terphenyl-d14

Concen: 164.353 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

Instrument :

BNA_F

ClientSampleId :

DFTPP

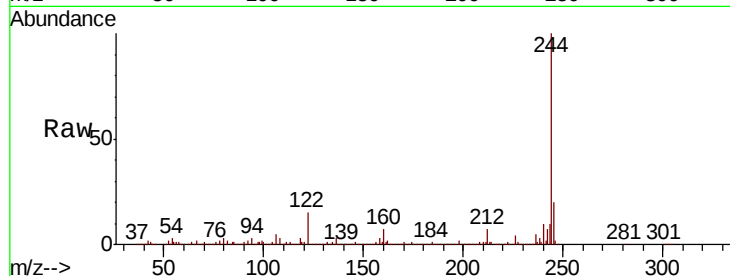
Tgt Ion:244 Resp: 1467776

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

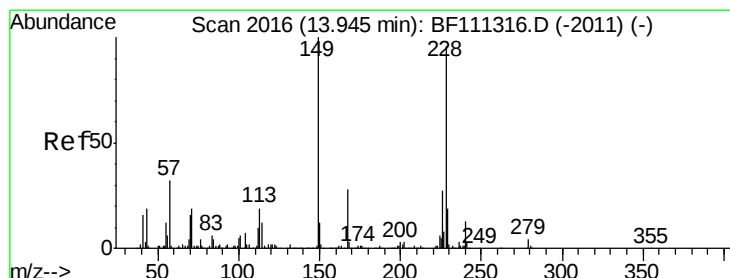
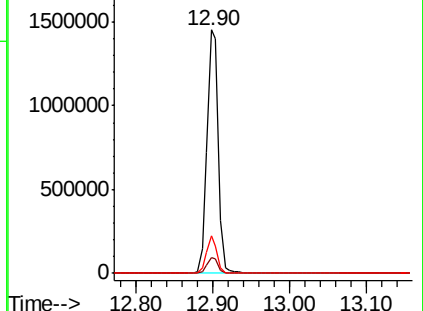
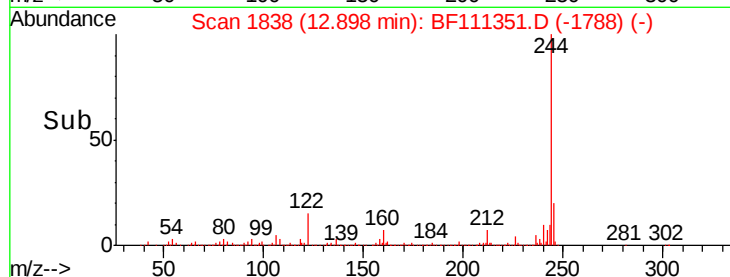
122 15.2 13.1 19.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1714.573 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

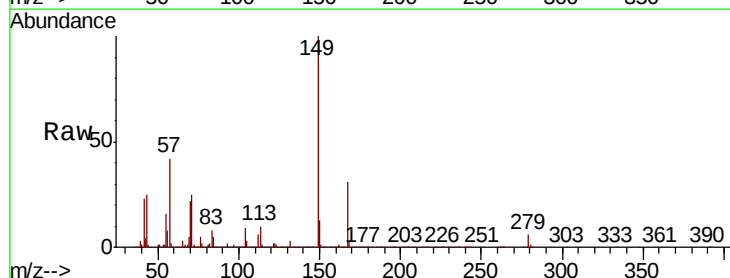
Tgt Ion:149 Resp:15266715

Ion Ratio Lower Upper

149 100

167 30.7 22.5 33.7

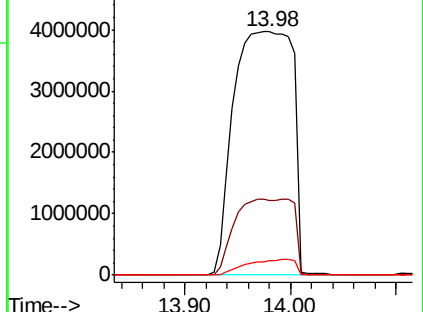
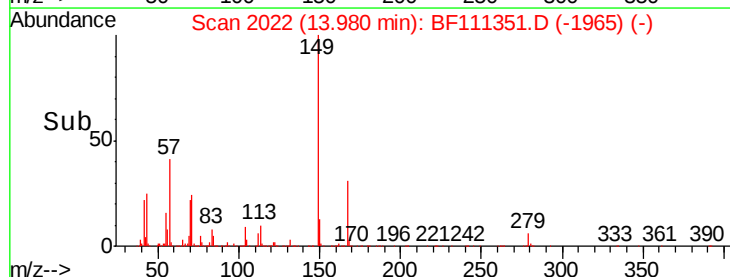
279 5.8 2.6 4.0#

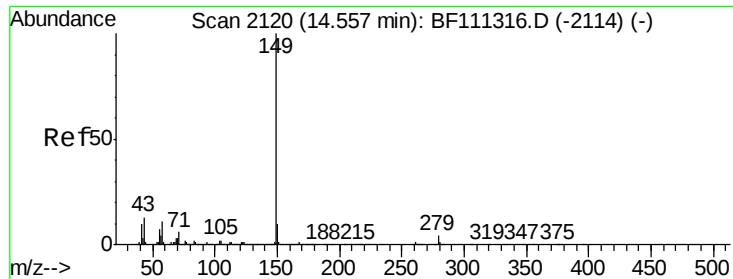


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 131.096 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

Instrument :

BNA_F

ClientSampleId :

DFTPP

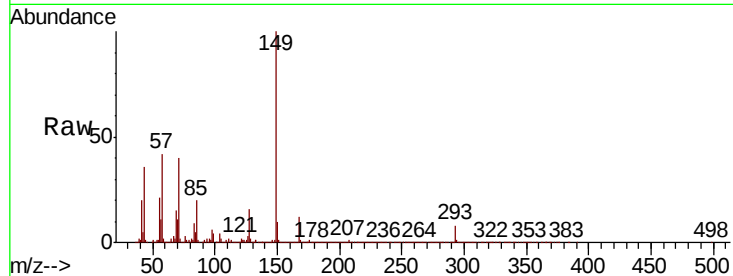
Tgt Ion:149 Resp: 1916702

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

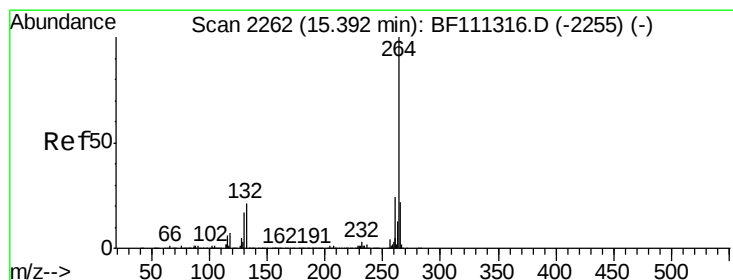
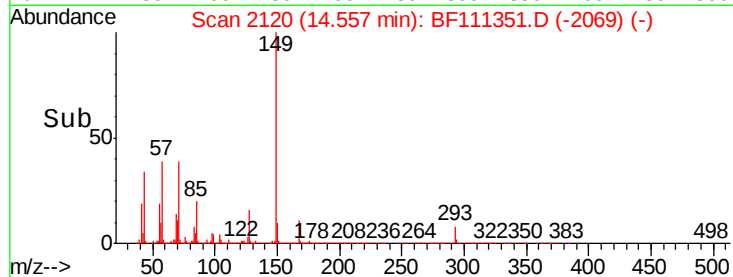
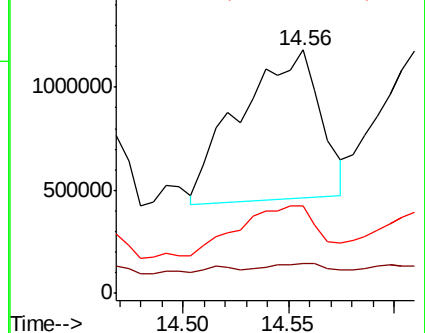
43 36.0 10.9 16.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

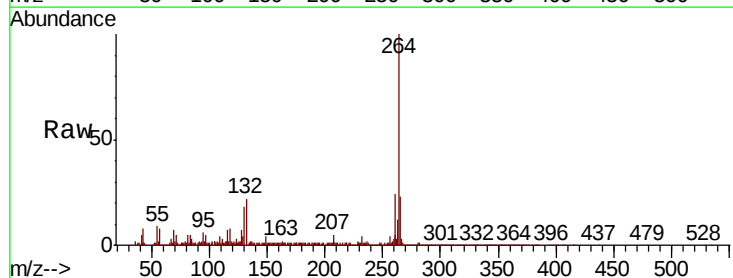
Tgt Ion:264 Resp: 284601

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 22.6 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

