

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111531.D
 Acq On : 17 Dec 2018 11:24
 Operator : JU/SJ
 Sample : J6386-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-02

Quant Time: Dec 18 04:07:16 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

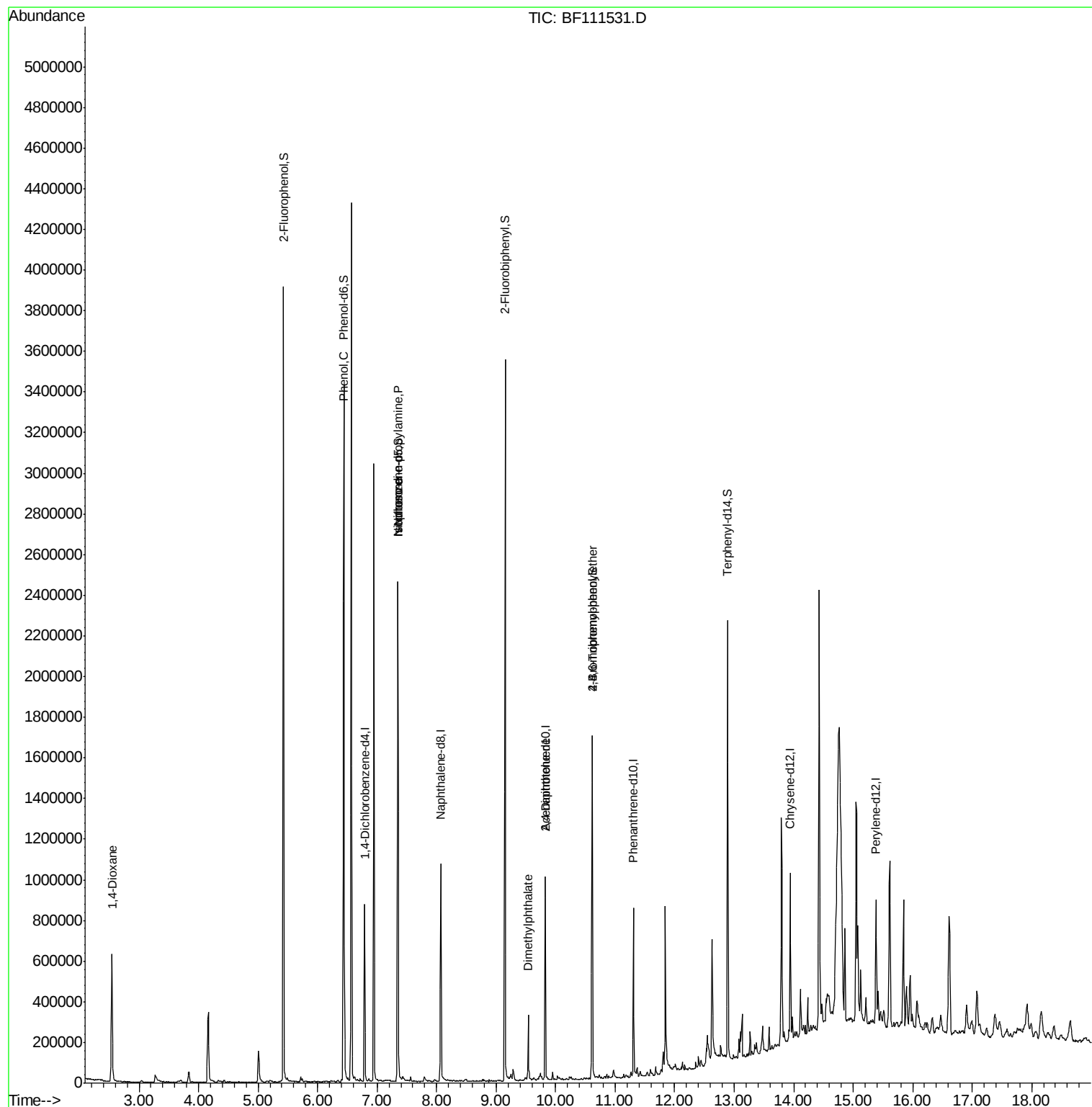
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132890	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	500246	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	205583	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	295022	20.00	ng	0.00
76) Chrysene-d12	13.94	240	269864	20.00	ng	0.00
87) Perylene-d12	15.39	264	271028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1002958	125.59	ng	0.01
7) Phenol-d6	6.44	99	1277682	120.28	ng	0.00
23) Nitrobenzene-d5	7.35	82	797665	94.95	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	181898	98.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1187992	89.26	ng	0.00
79) Terphenyl-d14	12.89	244	675608	58.79	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.55	88	30765	7.976	ng	Qvalue
10) Phenol	6.45	94	71242	6.020	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	102697	14.654	ng	# 84
25) Isophorone	7.35	82	797654	56.117	ng	# 64
50) Dimethylphthalate	9.54	163	114635	7.743	ng	# 99
57) 2,4-Dinitrotoluene	9.83	165	25591	5.851	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	11288	3.550	ng	# 1

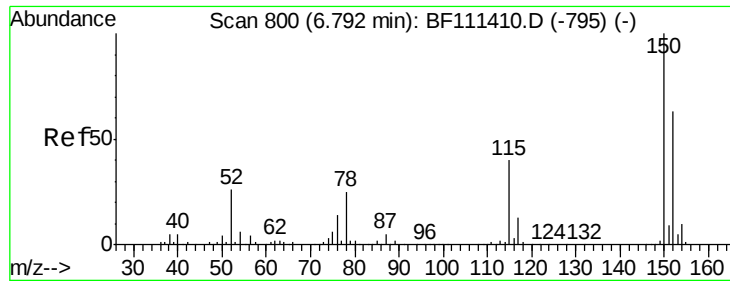
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111531.D
Acq On : 17 Dec 2018 11:24
Operator : JU/SJ
Sample : J6386-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-02

Quant Time: Dec 18 04:07:16 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-02

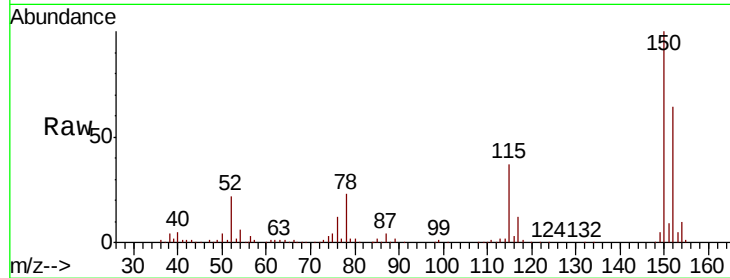
Tgt Ion:152 Resp: 132890

Ion Ratio Lower Upper

152 100

150 155.7 126.6 189.8

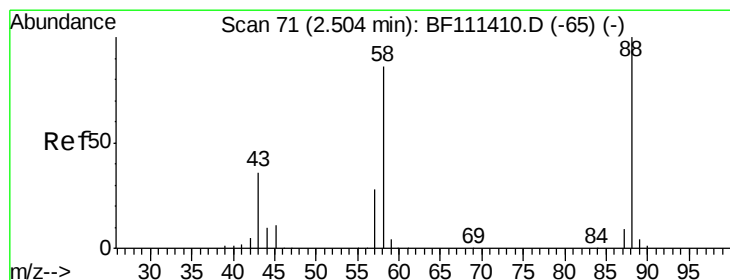
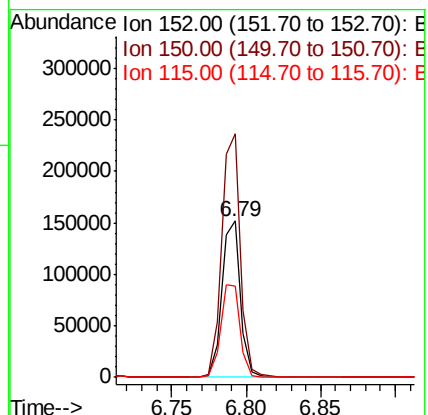
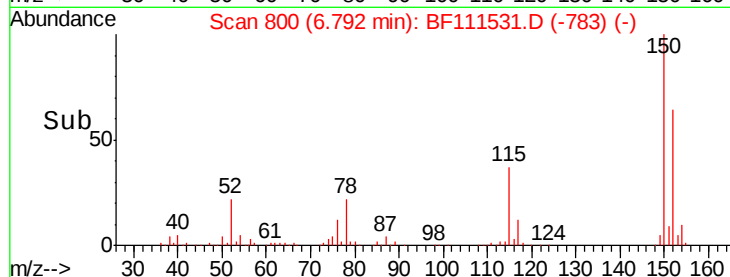
115 58.0 50.7 76.1



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



#2

1,4-Dioxane

Concen: 7.976 ng

RT: 2.55 min Scan# 78

Delta R.T. 0.04 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

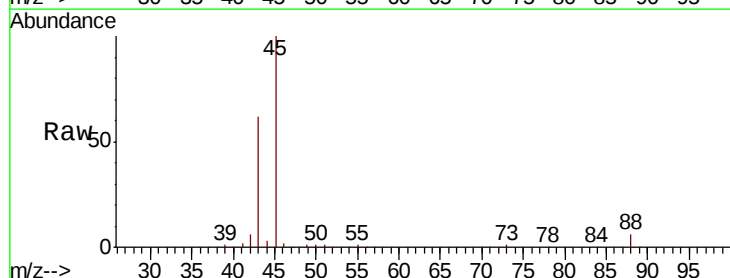
Tgt Ion: 88 Resp: 30765

Ion Ratio Lower Upper

88 100

58 7.4 68.9 103.3#

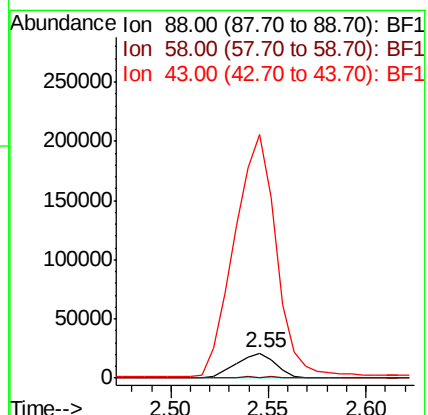
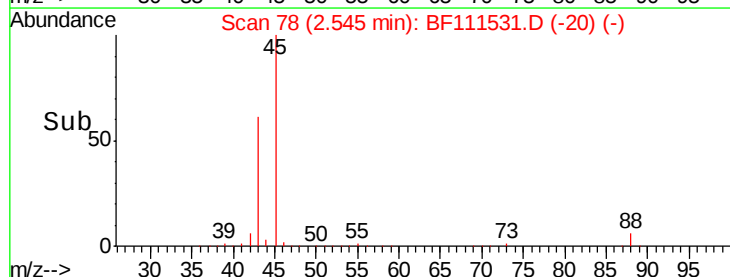
43 989.9 25.8 38.6#

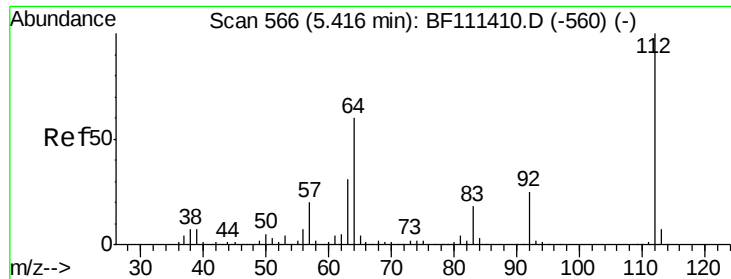


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 125.591 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-02

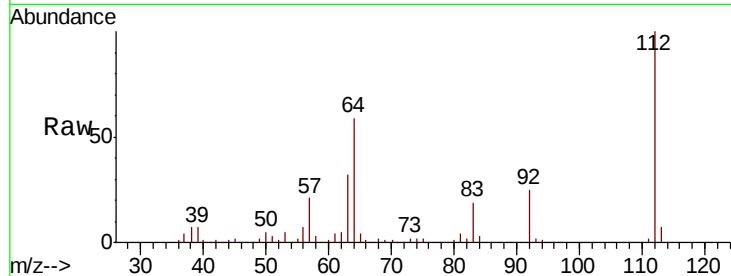
Tgt Ion: 112 Resp: 1002958

Ion Ratio Lower Upper

112 100

64 58.9 51.8 77.6

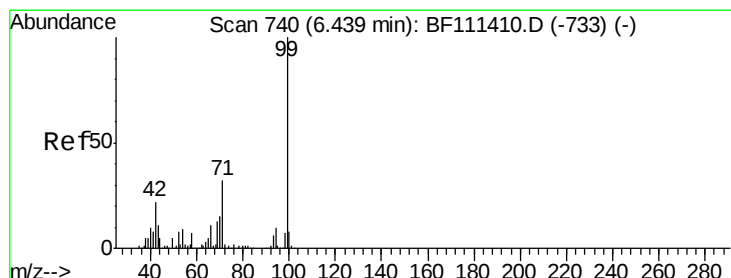
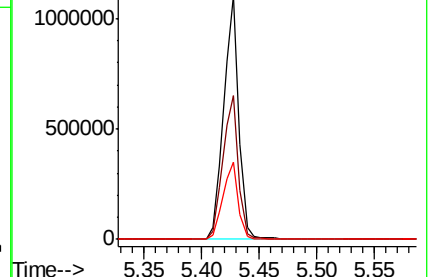
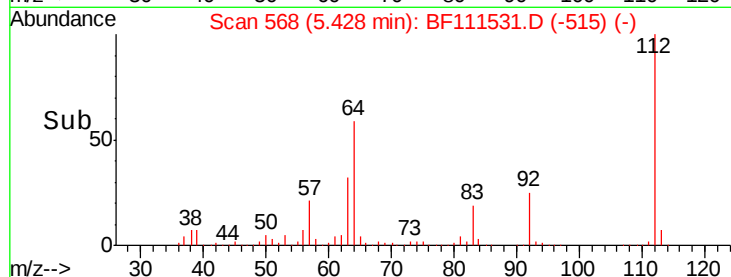
63 31.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF111531.D (-515) (-)

Ion 64.00 (63.70 to 64.70): BF111531.D (-515) (-)

Ion 63.00 (62.70 to 63.70): BF111531.D (-515) (-)



#7

Phenol-d6

Concen: 120.279 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

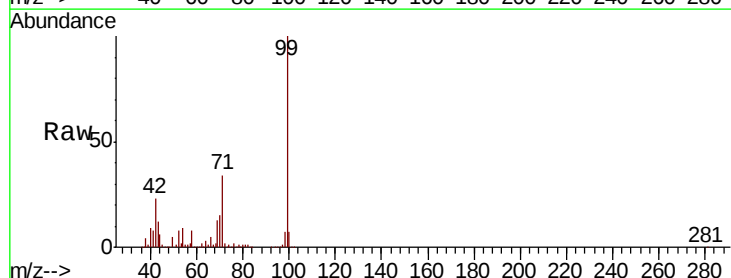
Tgt Ion: 99 Resp: 1277682

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

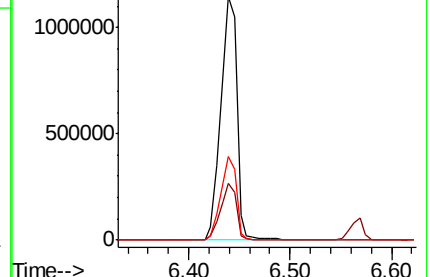
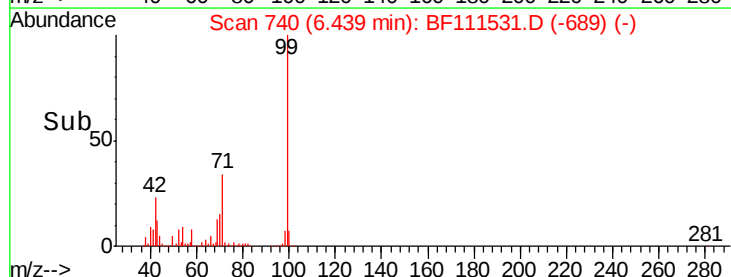
71 34.3 26.1 39.1

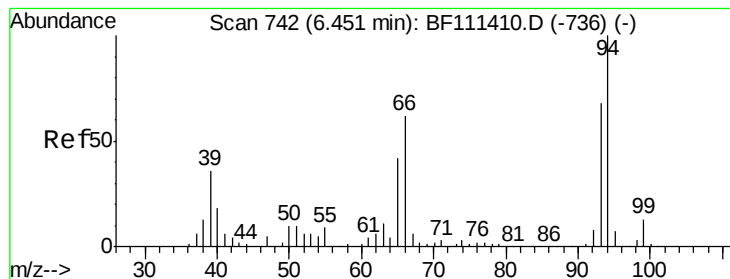


Abundance Ion 99.00 (98.70 to 99.70): BF111531.D (-689) (-)

Ion 42.00 (41.70 to 42.70): BF111531.D (-689) (-)

Ion 71.00 (70.70 to 71.70): BF111531.D (-689) (-)





#10

Phenol

Concen: 6.020 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-02

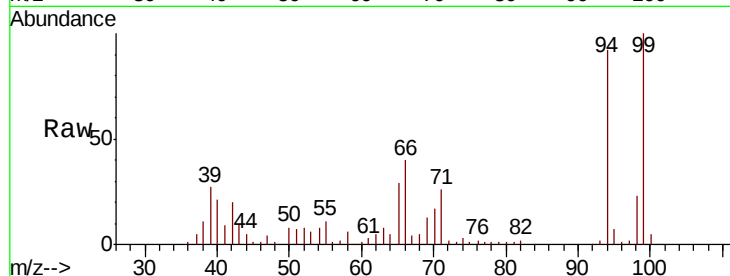
Tgt Ion: 94 Resp: 71242

Ion Ratio Lower Upper

94 100

65 30.9 11.7 51.7

66 42.8 21.0 61.0

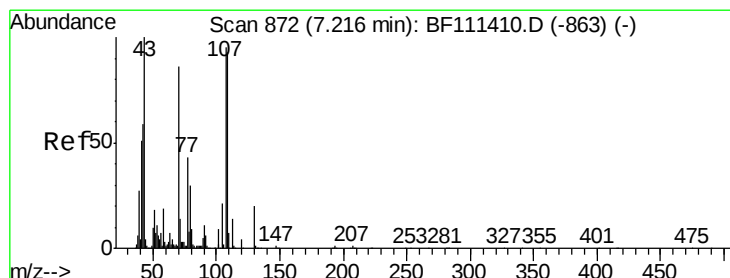
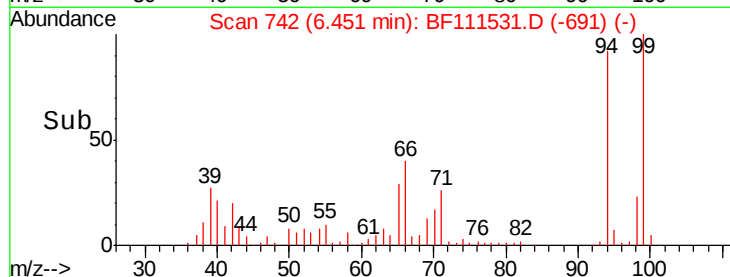
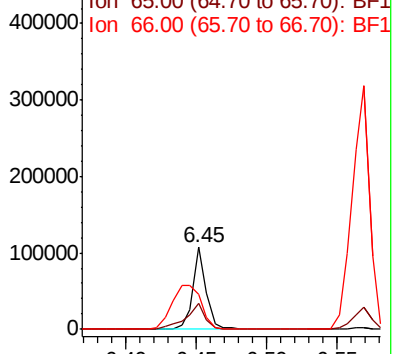


Abundance

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: 14.654 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Tgt Ion: 70 Resp: 102697

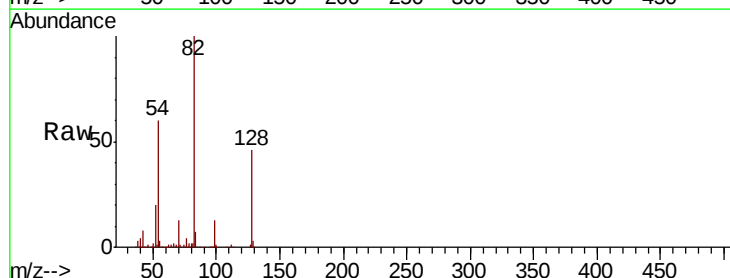
Ion Ratio Lower Upper

70 100

42 61.7 53.2 79.8

101 0.0 8.2 12.4#

130 2.3 18.1 27.1#



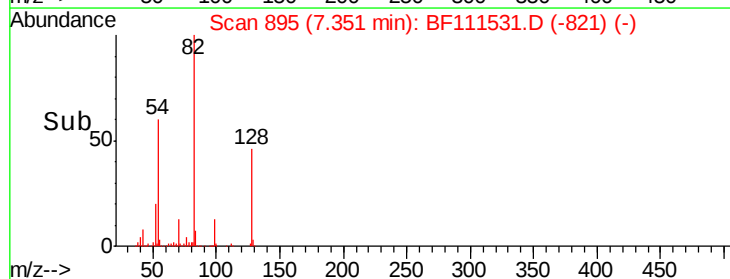
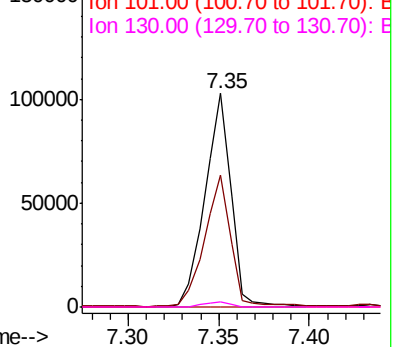
Abundance

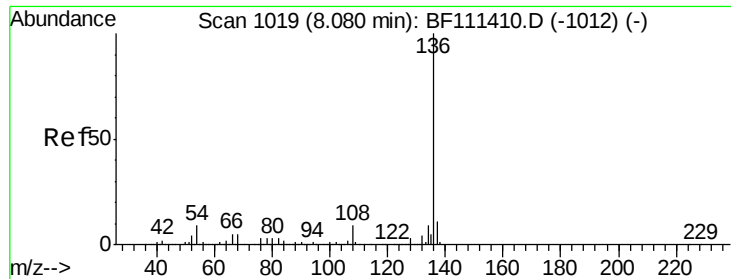
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

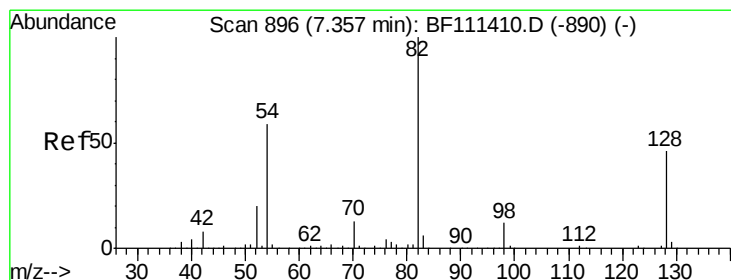
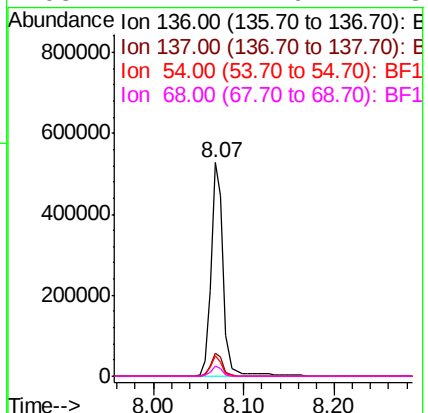
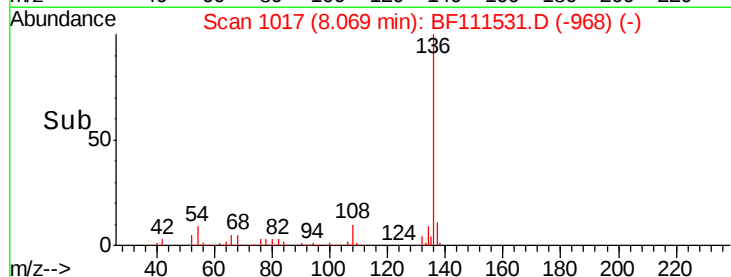
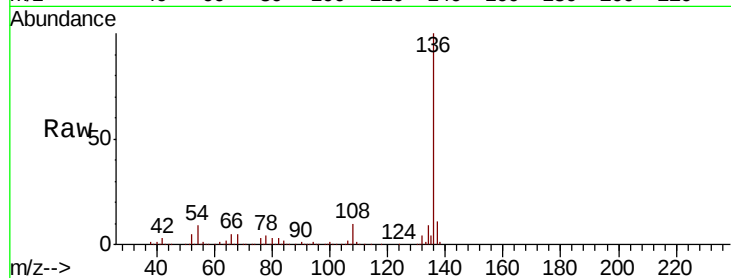




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

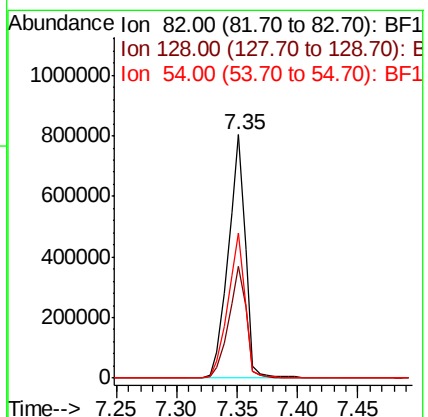
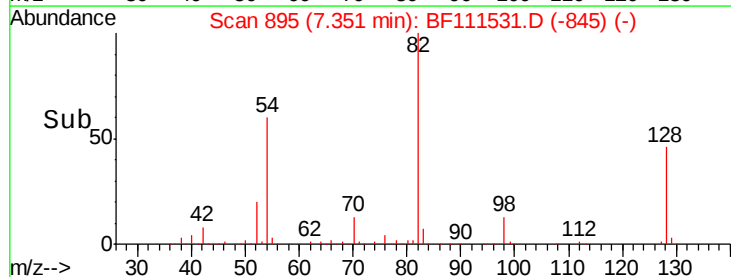
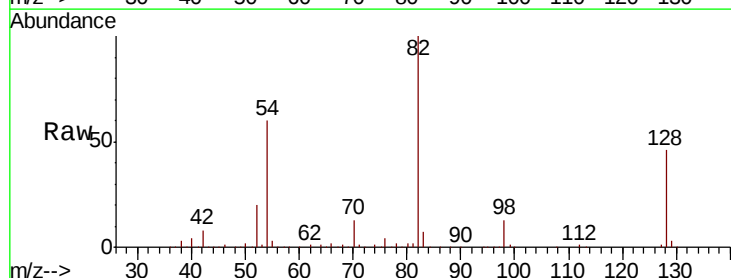
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-02

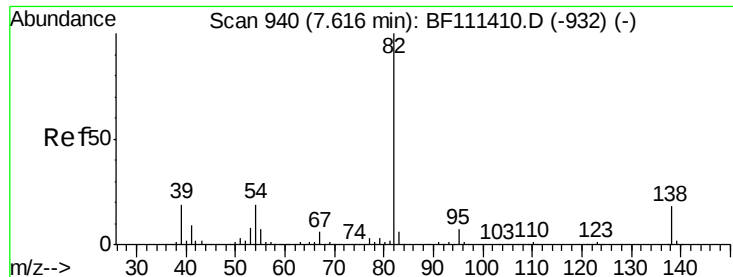
Tgt Ion:	136	Resp:	500246
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.4	7.7	11.5
68	4.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 94.953 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

Tgt Ion:	82	Resp:	797665
Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.4	56.2
54	59.6	47.6	71.4





#25

Isophorone

Concen: 56.117 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-02

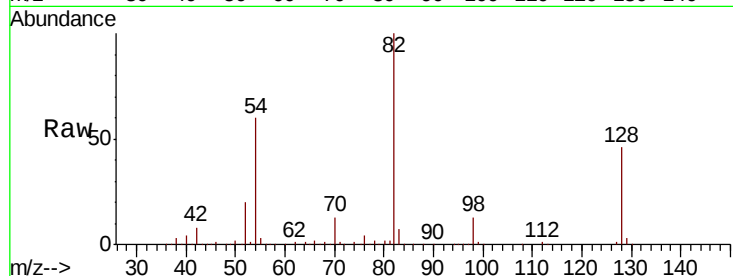
Tgt Ion: 82 Resp: 797654

Ion Ratio Lower Upper

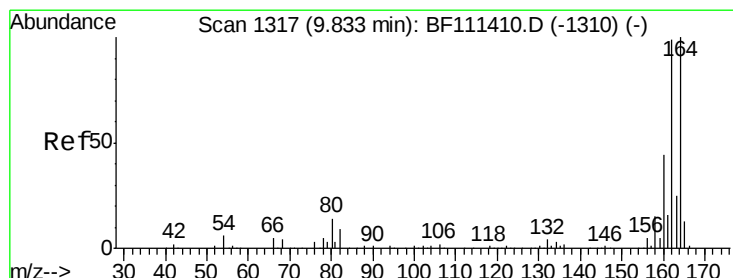
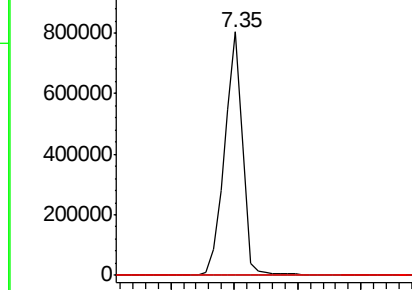
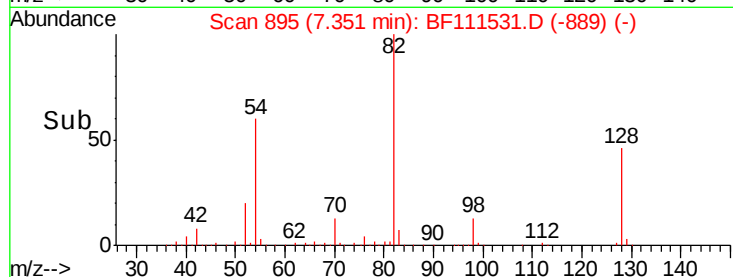
82 100

95 0.1 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: BF111531.D

Acq: 17 Dec 2018 11:24

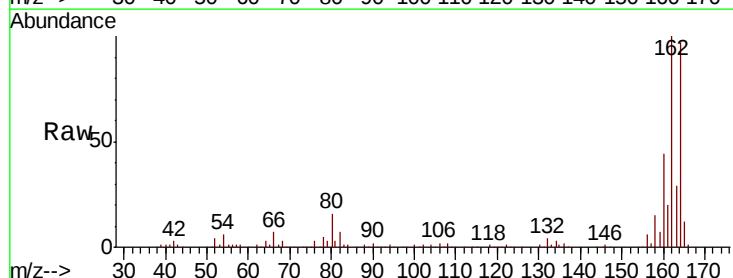
Tgt Ion: 164 Resp: 205583

Ion Ratio Lower Upper

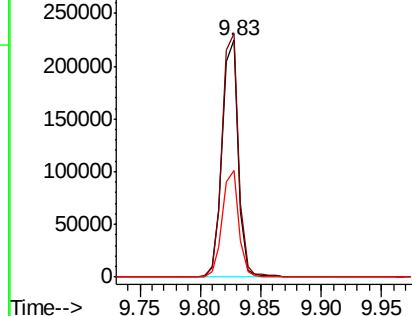
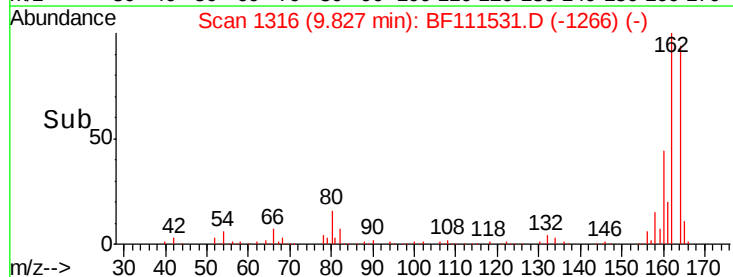
164 100

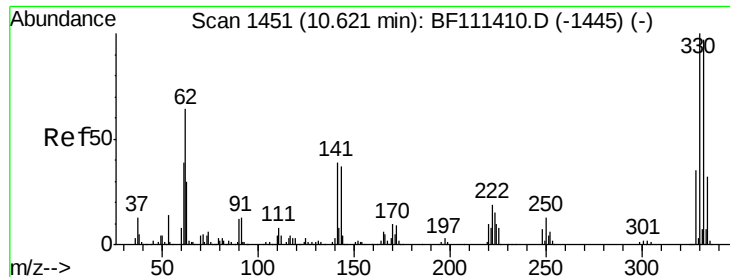
162 102.8 81.4 122.0

160 44.9 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

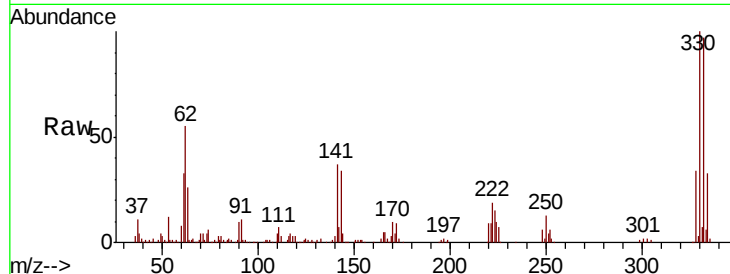




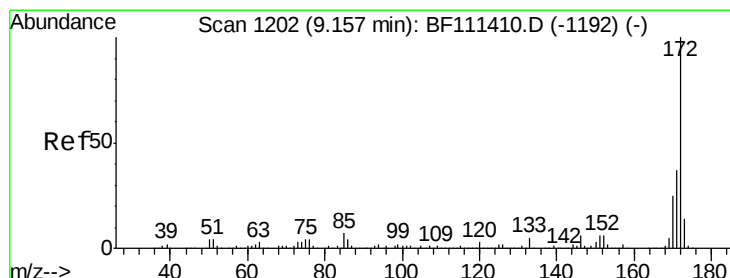
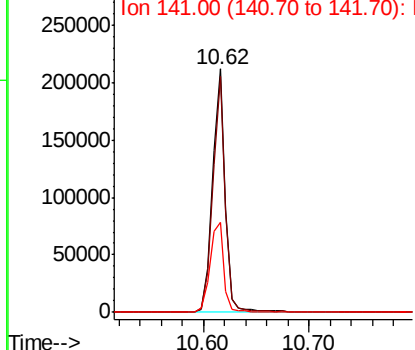
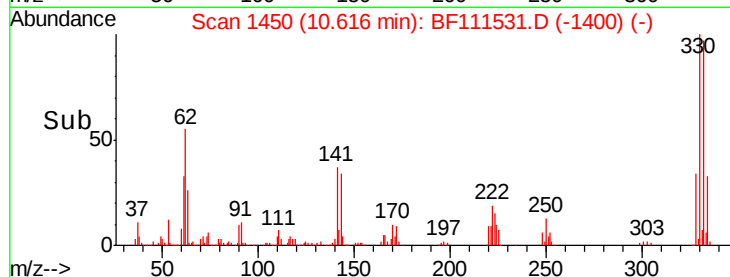
#42
 2,4,6-Tribromophenol
 Concen: 98.772 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111531.D
 Acq: 17 Dec 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-02

Tgt Ion:330 Resp: 181898
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.0 114.0
 141 39.7 31.0 46.6

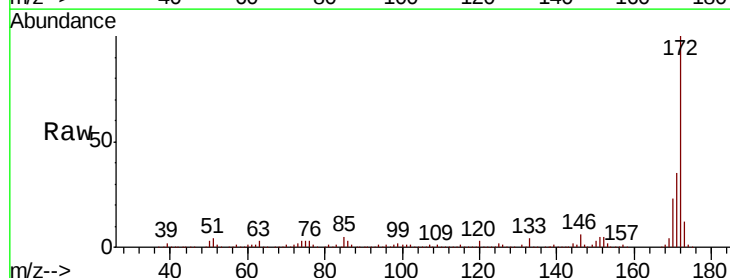


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

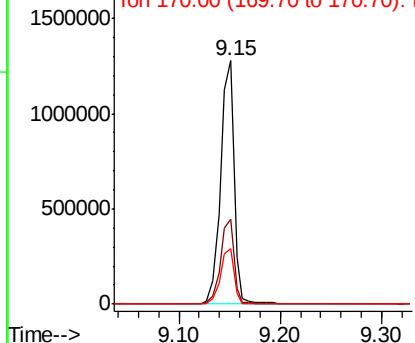
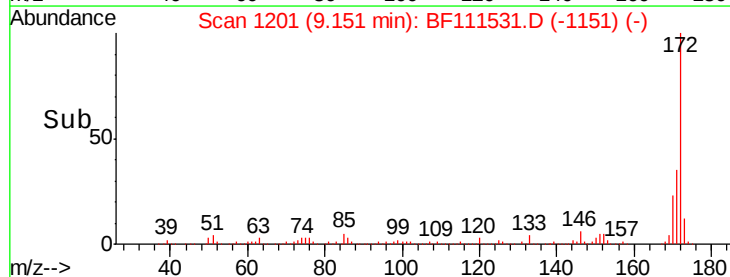


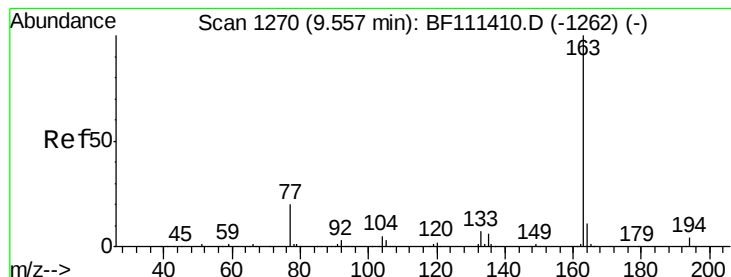
#45
 2-Fluorobiphenyl
 Concen: 89.259 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111531.D
 Acq: 17 Dec 2018 11:24

Tgt Ion:172 Resp: 1187992
 Ion Ratio Lower Upper
 172 100
 171 35.0 33.0 49.4
 170 22.9 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: 7.743 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-02

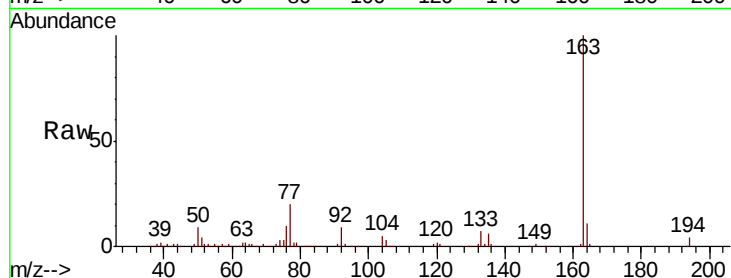
Tgt Ion:163 Resp: 114635

Ion Ratio Lower Upper

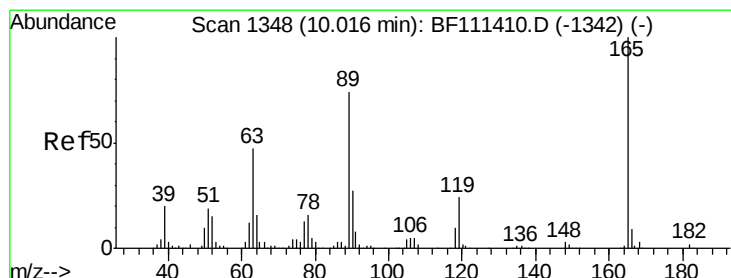
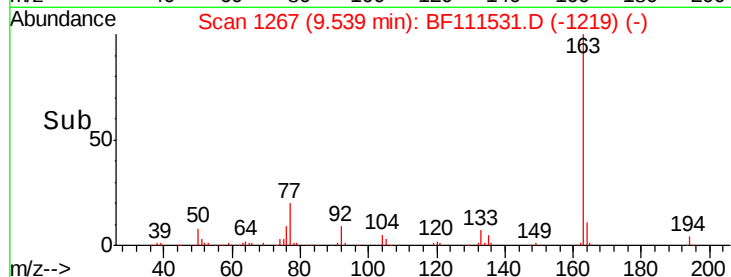
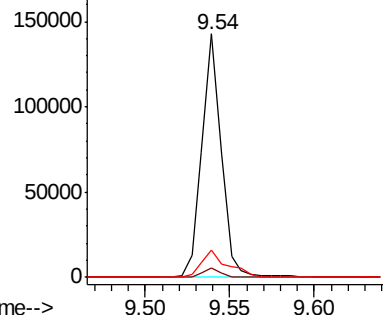
163 100

194 3.8 3.0 4.6

164 11.5 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: 5.851 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Tgt Ion:165 Resp: 25591

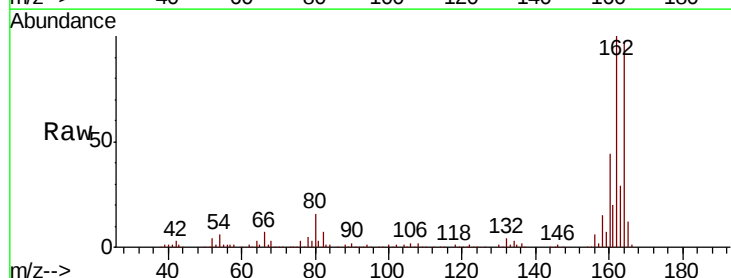
Ion Ratio Lower Upper

165 100

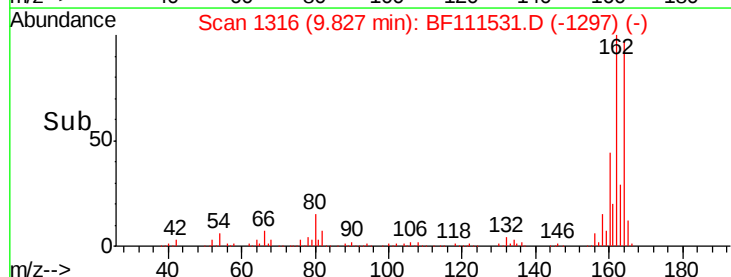
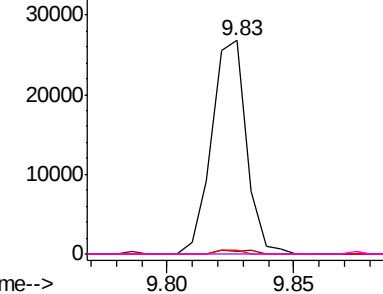
63 1.3 34.6 52.0#

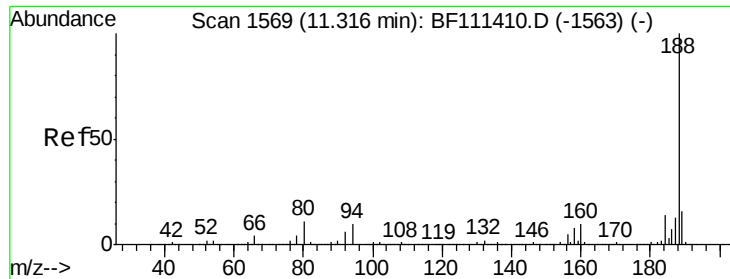
89 2.0 56.2 84.4#

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

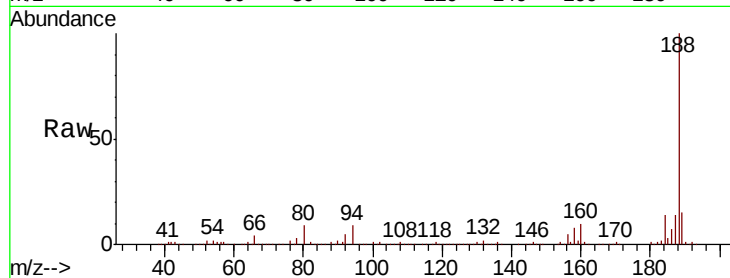




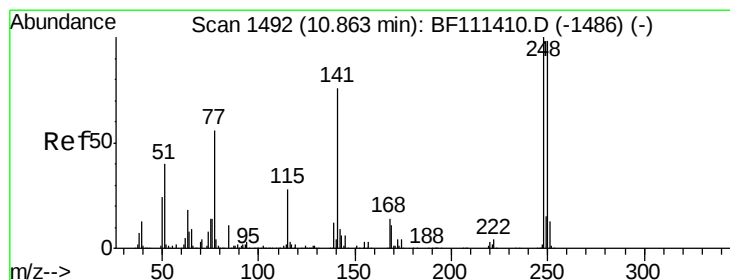
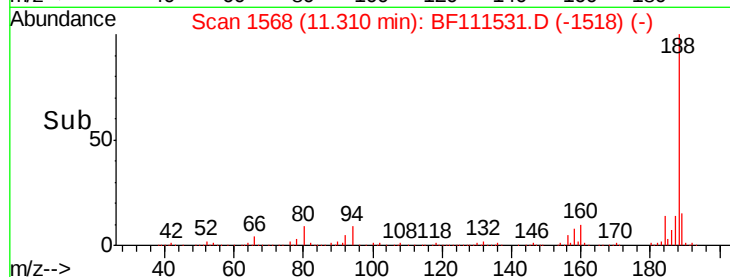
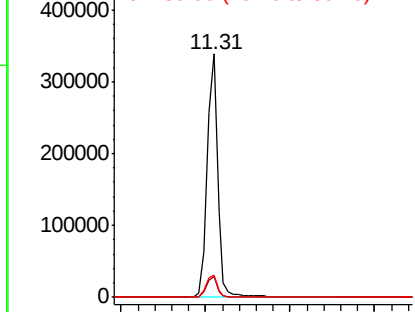
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111531.D
 Acq: 17 Dec 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-02

Tgt Ion:188 Resp: 295022
 Ion Ratio Lower Upper
 188 100
 94 8.7 9.6 14.4#
 80 9.1 9.8 14.6#

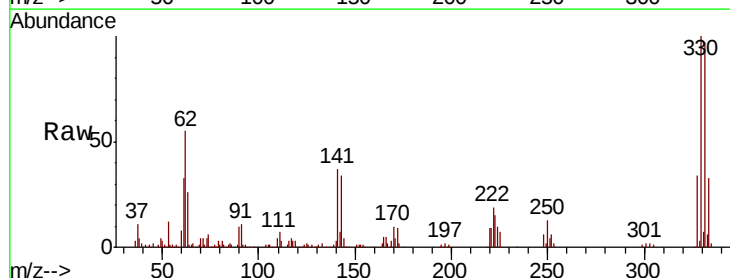


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

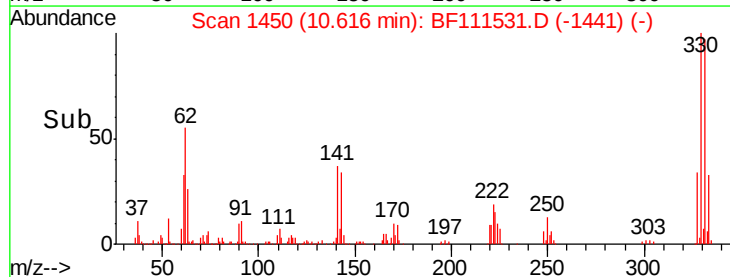
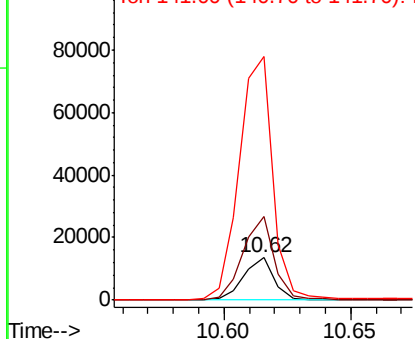


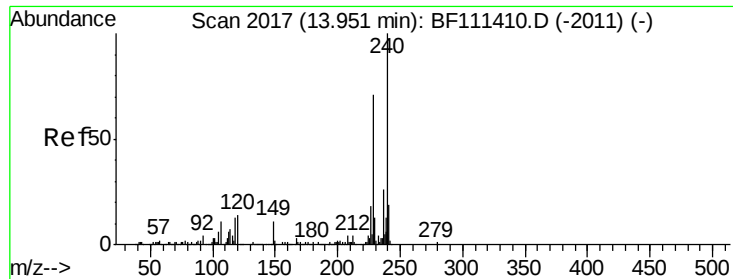
#67
 4-Bromophenyl-phenylether
 Concen: 3.550 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111531.D
 Acq: 17 Dec 2018 11:24

Tgt Ion:248 Resp: 11288
 Ion Ratio Lower Upper
 248 100
 250 196.7 77.0 115.4#
 141 571.7 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

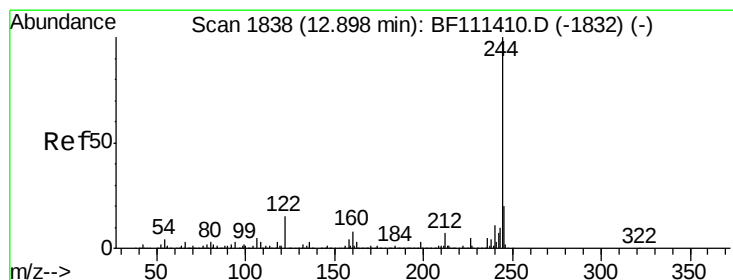
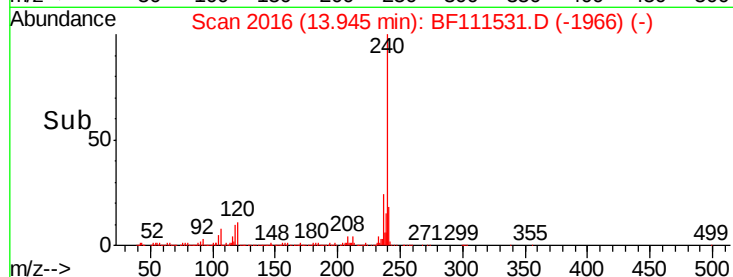
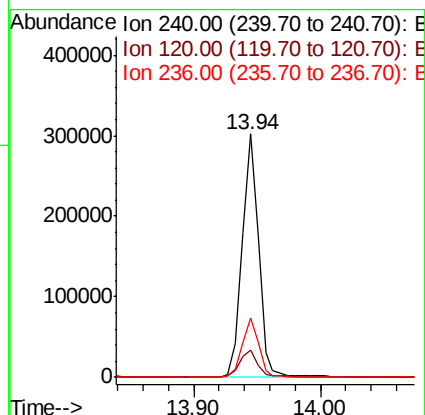
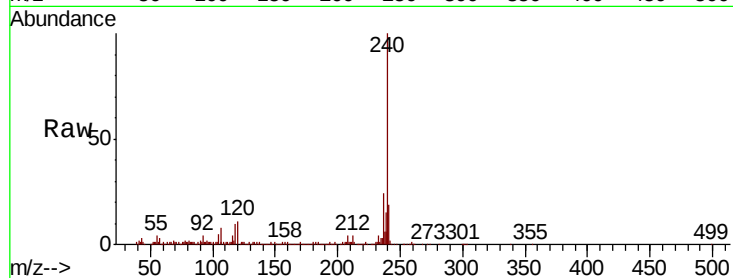




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

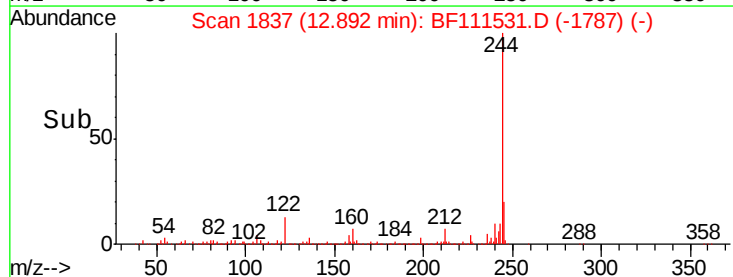
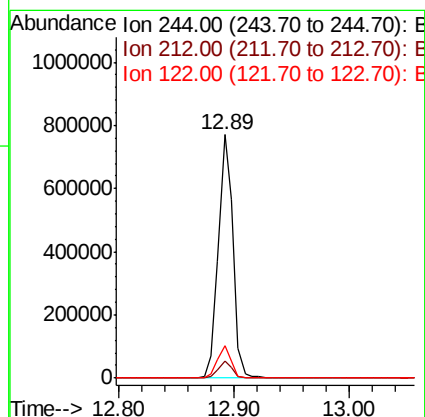
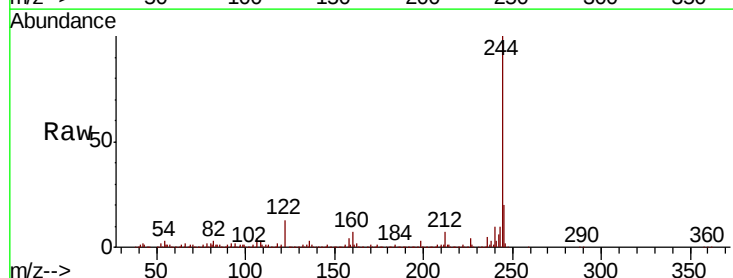
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-02

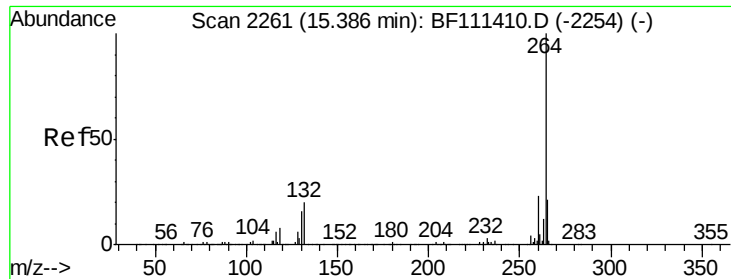
Tgt Ion:240 Resp: 269864
Ion Ratio Lower Upper
240 100
120 11.3 12.2 18.2#
236 24.2 20.2 30.2



#79
Terphenyl-d14
Concen: 58.788 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

Tgt Ion:244 Resp: 675608
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 13.1 13.1 19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.8	17.7	26.5

