

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111545.D
 Acq On : 17 Dec 2018 18:08
 Operator : JU/SJ
 Sample : J6438-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Dec 18 04:10:26 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

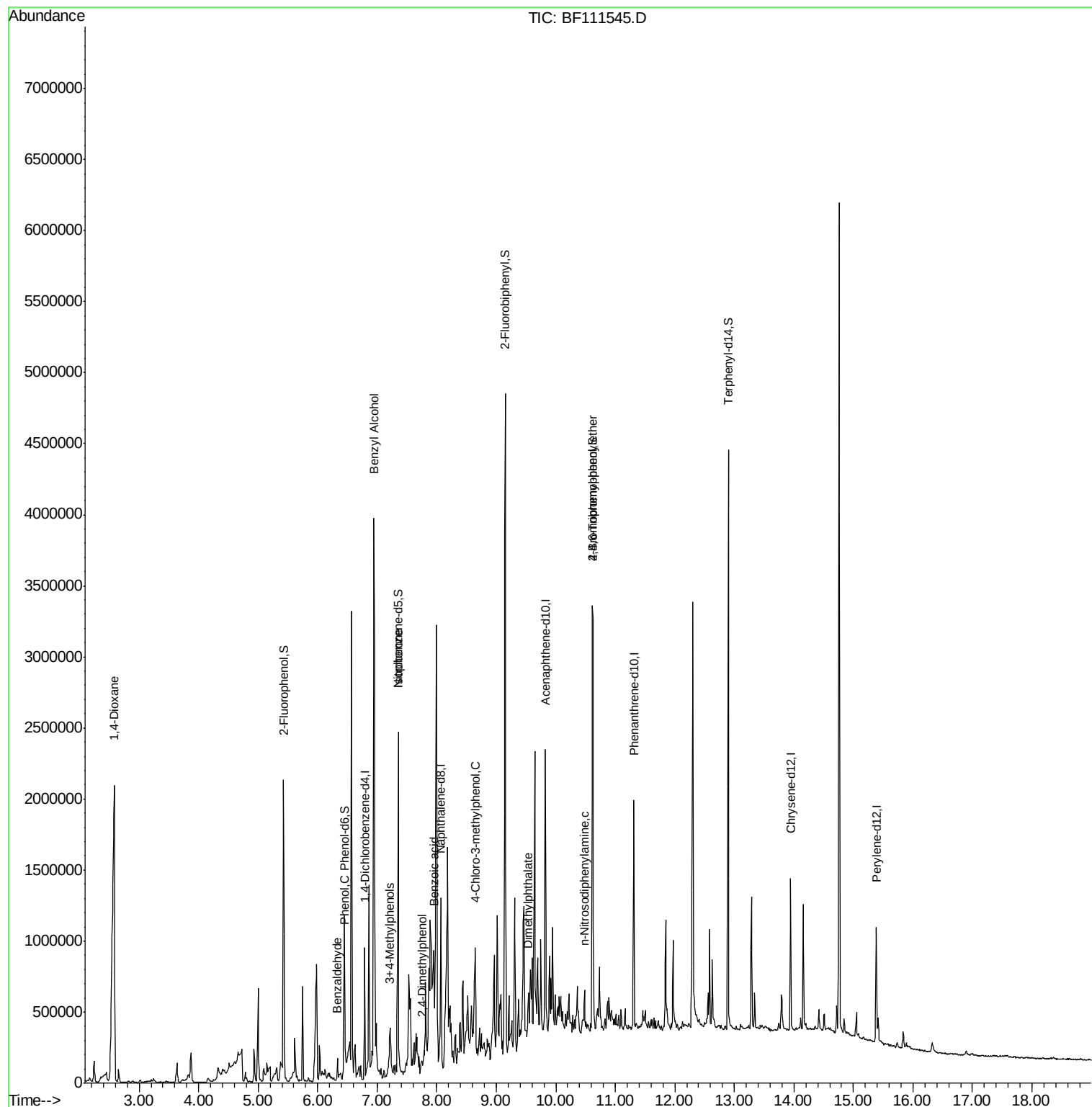
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125213	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	500461	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	341013	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	553498	20.00	ng	0.00
76) Chrysene-d12	13.94	240	358313	20.00	ng	0.00
87) Perylene-d12	15.39	264	376279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	598756	79.57	ng	0.01
7) Phenol-d6	6.45	99	398402	39.80	ng	0.00
23) Nitrobenzene-d5	7.35	82	772956	91.97	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	369790	121.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1448158	65.60	ng	0.00
79) Terphenyl-d14	12.90	244	1457033	95.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.59	88	207846	57.192	ng	Qvalue
9) Benzaldehyde	6.33	77	23384	3.852	ng	# 1
10) Phenol	6.46	94	50724	4.549	ng	97
15) Benzyl Alcohol	6.94	79	285932	37.545	ng	96
20) 3+4-Methylphenols	7.22	107	64913	7.152	ng	# 58
25) Isophorone	7.35	82	772947	54.356	ng	# 64
27) 2,4-Dimethylphenol	7.75	122	24446	3.793	ng	97
32) Benzoic acid	7.96	122	294328	52.842	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	54064	7.138	ng	# 20
50) Dimethylphthalate	9.54	163	84146	3.426	ng	# 93
66) n-Nitrosodiphenylamine	10.48	169	62954	3.298	ng	94
67) 4-Bromophenyl-phenylether	10.62	248	24762	4.151	ng	# 1

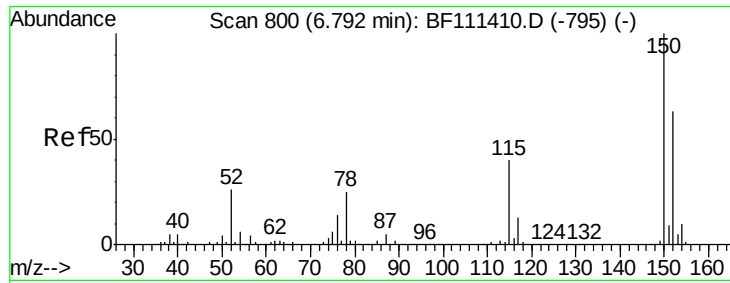
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111545.D
Acq On : 17 Dec 2018 18:08
Operator : JU/SJ
Sample : J6438-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: Dec 18 04:10:26 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

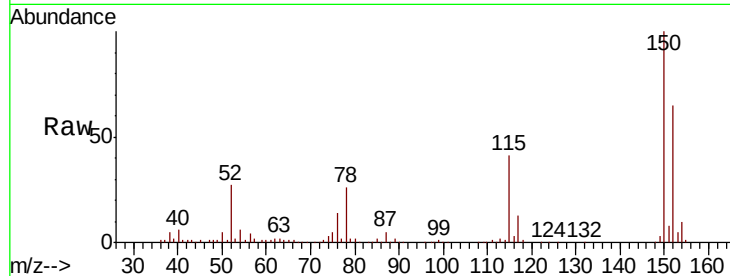




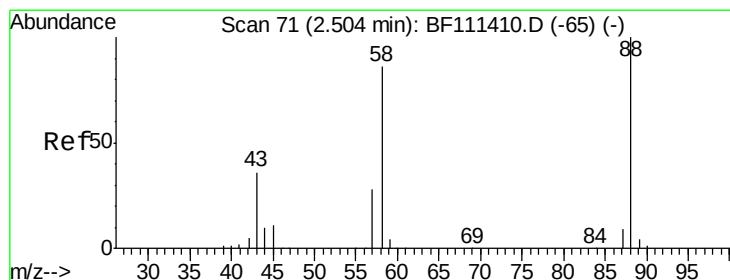
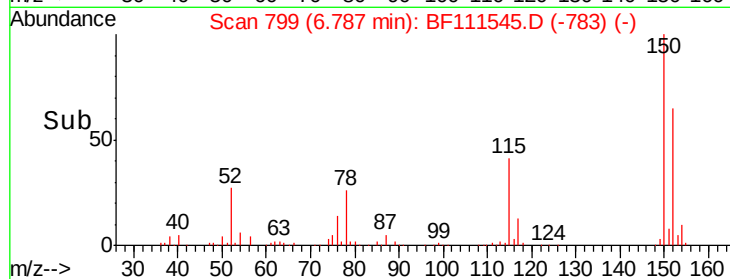
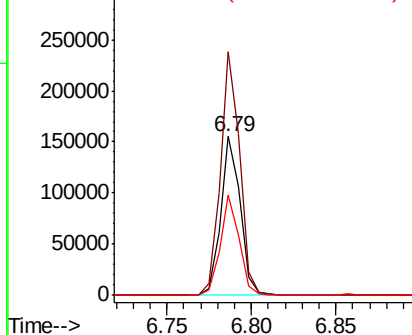
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111545.D
 Acq: 17 Dec 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:152 Resp: 125213
 Ion Ratio Lower Upper
 152 100
 150 153.3 126.6 189.8
 115 62.9 50.7 76.1

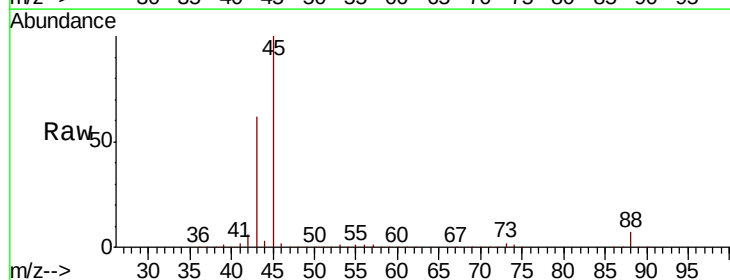


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

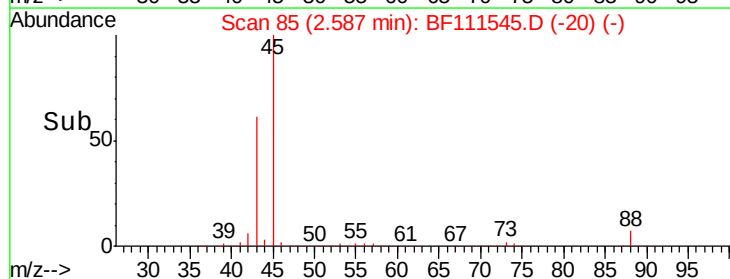
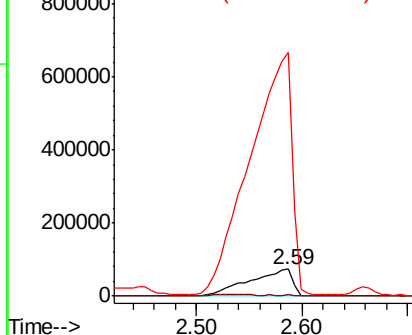


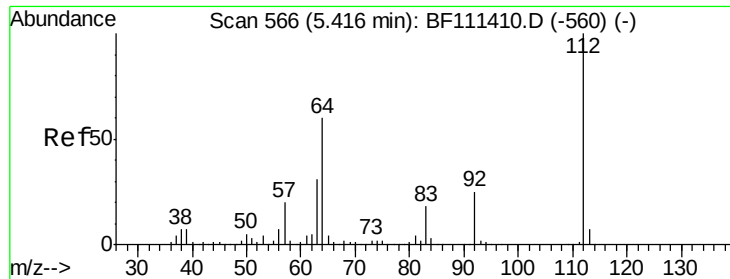
#2
 1,4-Dioxane
 Concen: 57.192 ng
 RT: 2.59 min Scan# 85
 Delta R.T. 0.08 min
 Lab File: BF111545.D
 Acq: 17 Dec 2018 18:08

Tgt Ion: 88 Resp: 207846
 Ion Ratio Lower Upper
 88 100
 58 0.0 68.9 103.3#
 43 887.9 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: 79.574 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111545.D

Acq: 17 Dec 2018 18:08

Instrument :

BNA_F

ClientSampleId :

COMP-1

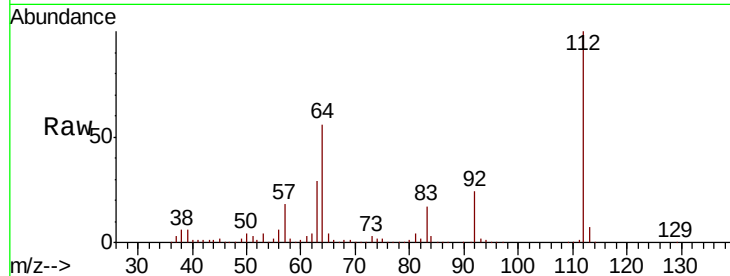
Tgt Ion: 112 Resp: 598756

Ion Ratio Lower Upper

112 100

64 55.9 51.8 77.6

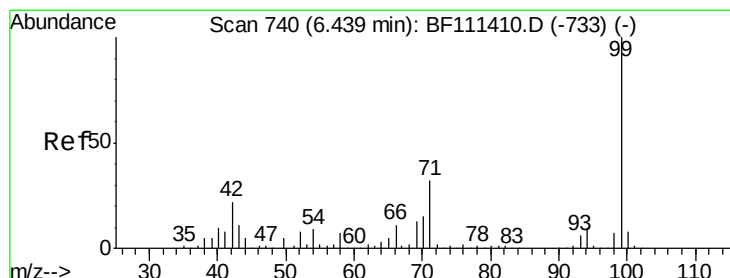
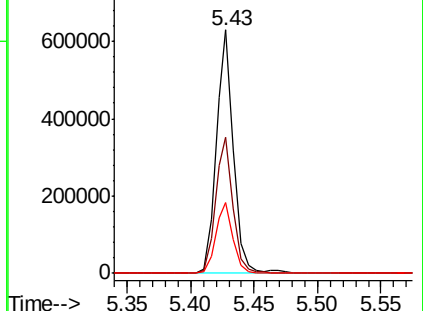
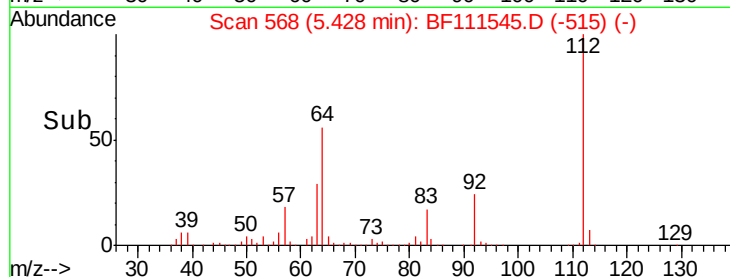
63 29.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 39.805 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111545.D

Acq: 17 Dec 2018 18:08

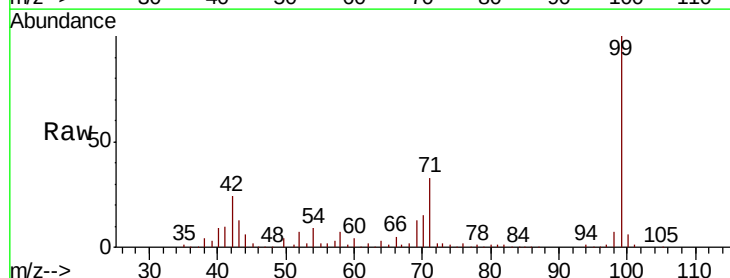
Tgt Ion: 99 Resp: 398402

Ion Ratio Lower Upper

99 100

42 23.5 17.4 26.0

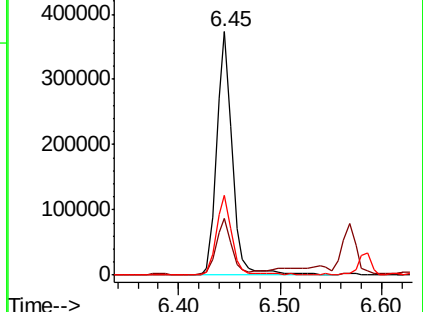
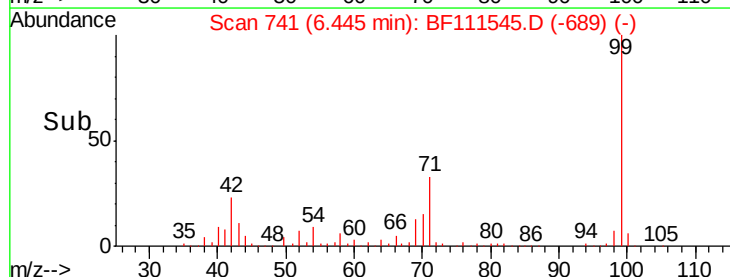
71 33.0 26.1 39.1

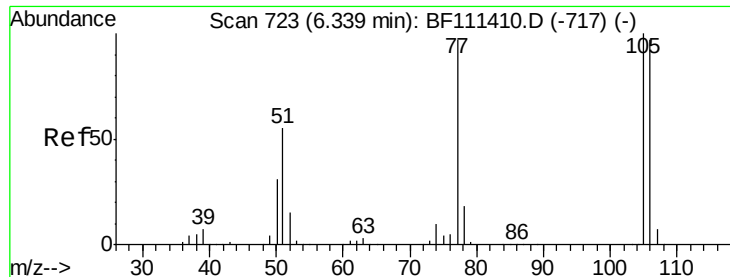


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 3.852 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111545.D

Acq: 17 Dec 2018 18:08

Instrument :

BNA_F

ClientSampleId :

COMP-1

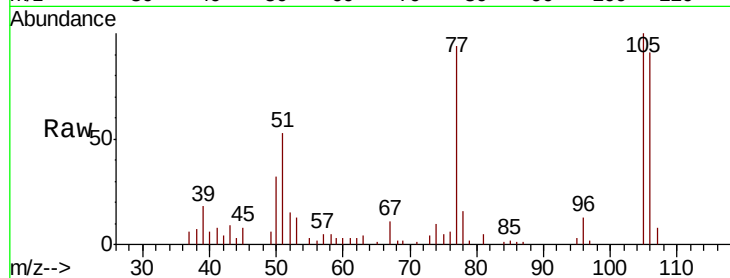
Tgt Ion: 77 Resp: 23384

Ion Ratio Lower Upper

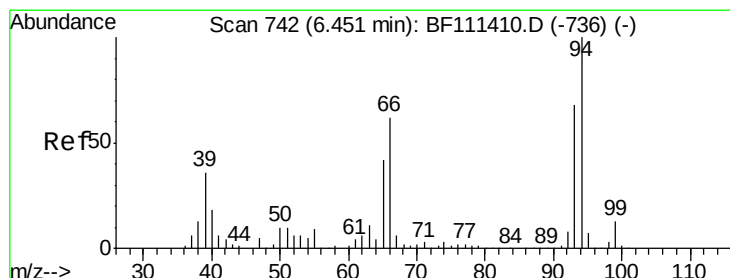
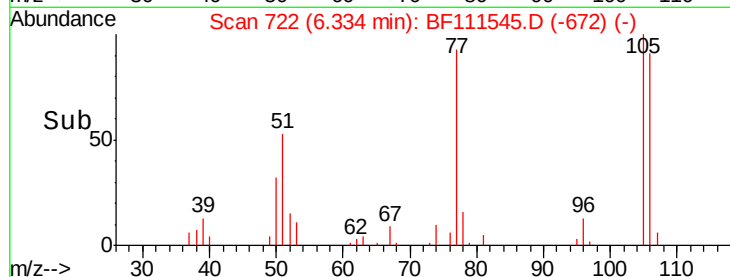
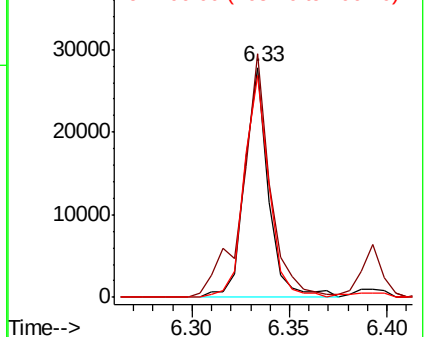
77 100

105 105.9 81.4 121.4

106 96.5 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 4.549 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111545.D

Acq: 17 Dec 2018 18:08

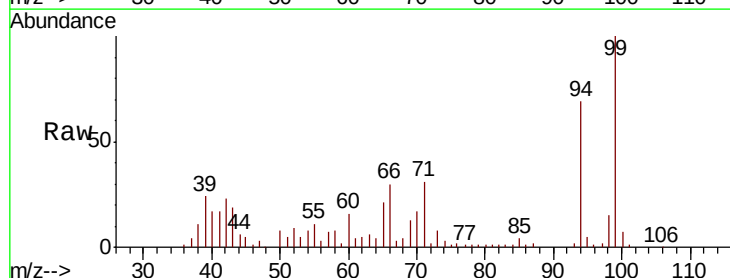
Tgt Ion: 94 Resp: 50724

Ion Ratio Lower Upper

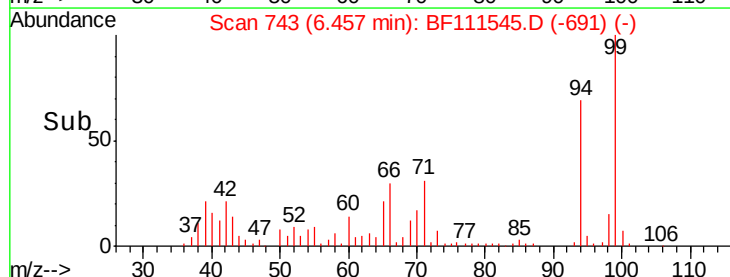
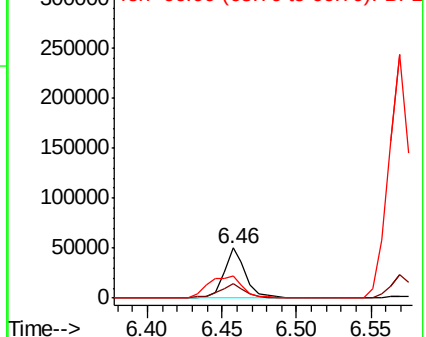
94 100

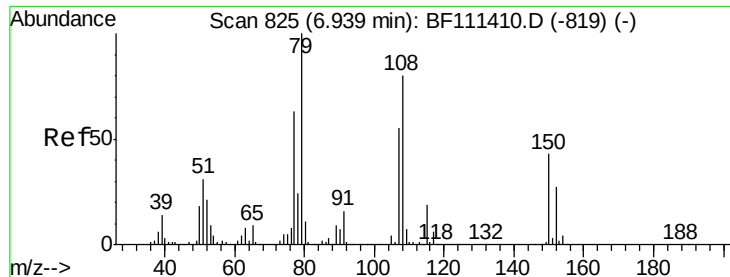
65 29.8 11.7 51.7

66 44.1 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

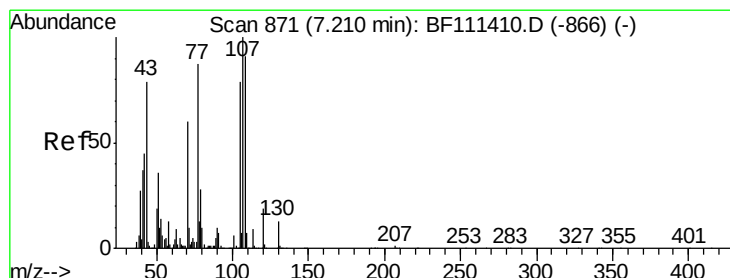
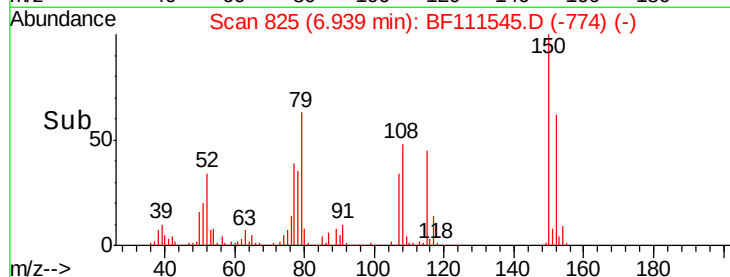
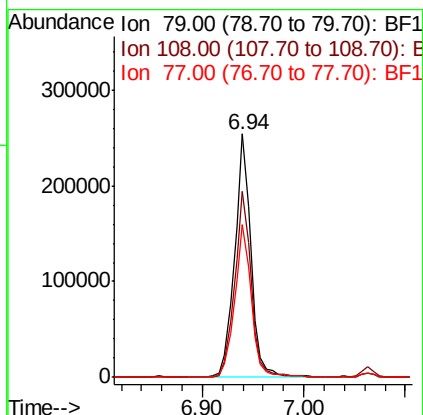
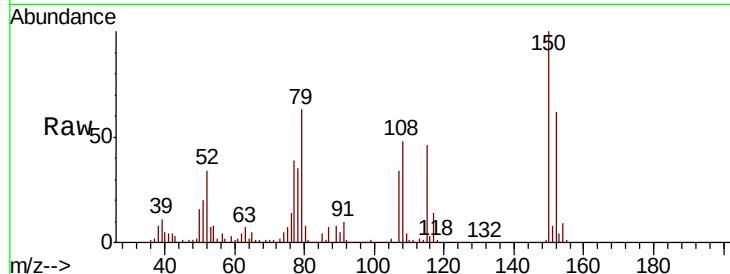




#15
Benzyl Alcohol
Concen: 37.545 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

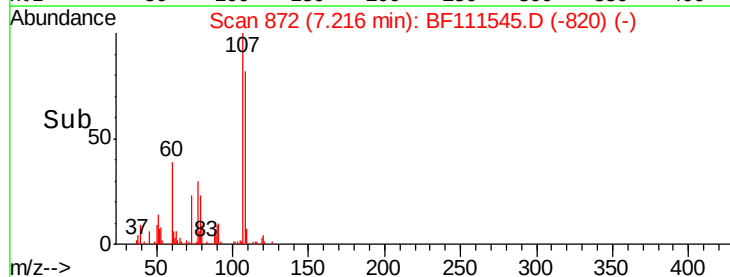
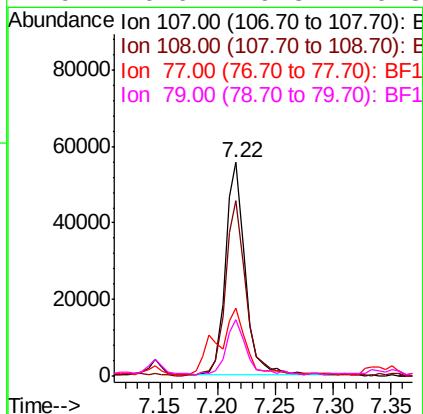
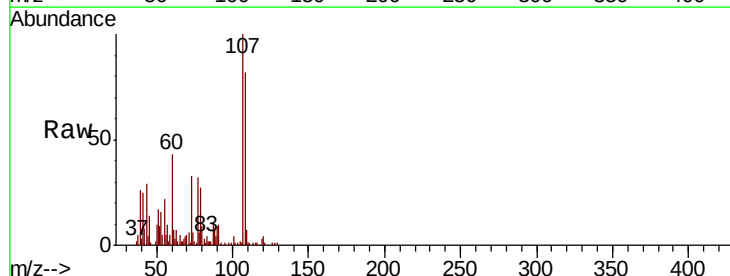
Instrument :
BNA_F
ClientSampleId :
COMP-1

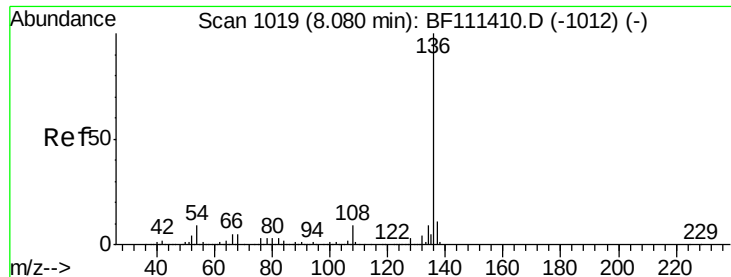
Tgt Ion: 79 Resp: 285932
Ion Ratio Lower Upper
79 100
108 76.4 69.4 104.2
77 62.5 49.7 74.5



#20
3+4-Methylphenols
Concen: 7.152 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion: 107 Resp: 64913
Ion Ratio Lower Upper
107 100
108 82.1 72.1 112.1
77 31.8 94.1 134.1#
79 26.6 9.8 49.8

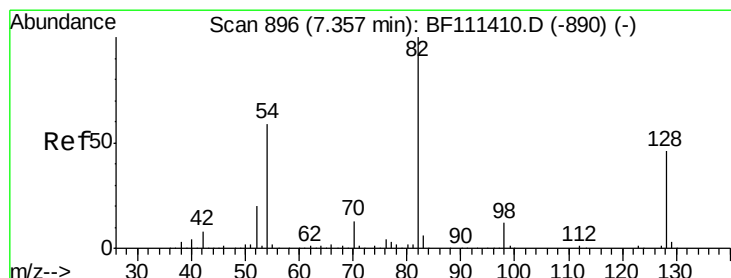
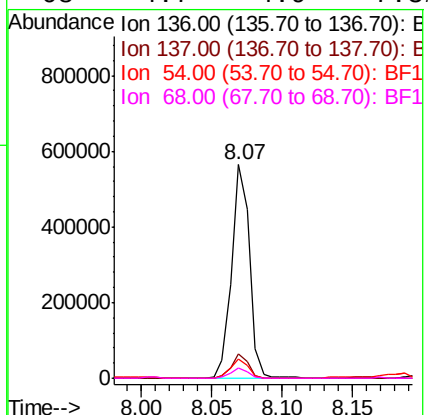
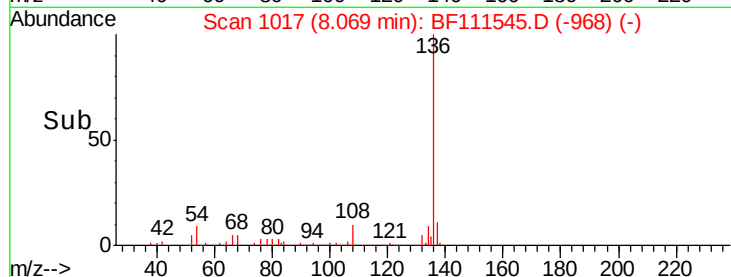
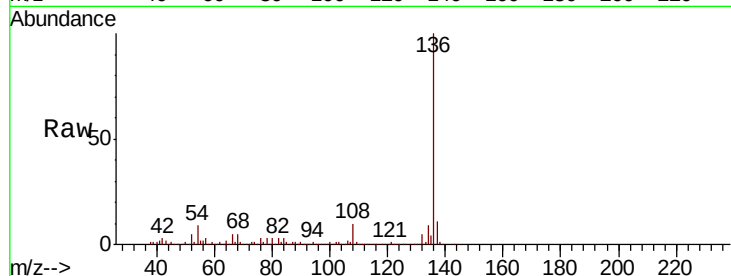




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

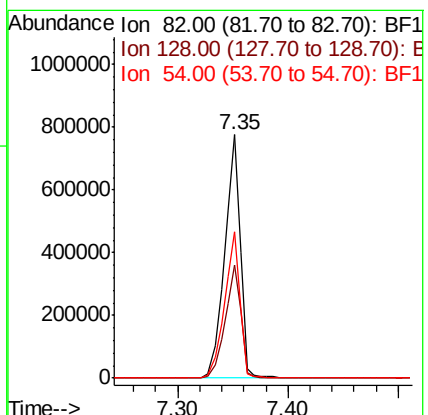
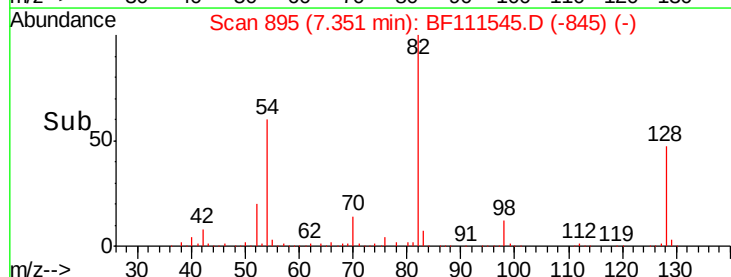
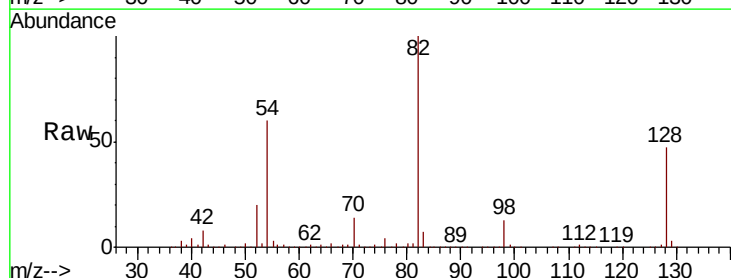
Instrument :
BNA_F
ClientSampleId :
COMP-1

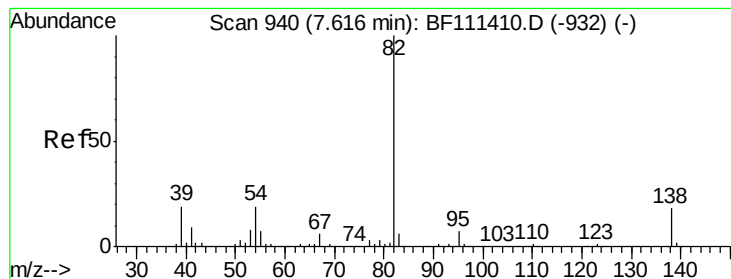
Tgt Ion:	136	Resp:	500461
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.1	7.7	11.5
68	4.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 91.972 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:	82	Resp:	772956
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.2
54	60.3	47.6	71.4





#25

Isophorone

Concen: 54.356 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111545.D

Acq: 17 Dec 2018 18:08

Instrument :

BNA_F

ClientSampleId :

COMP-1

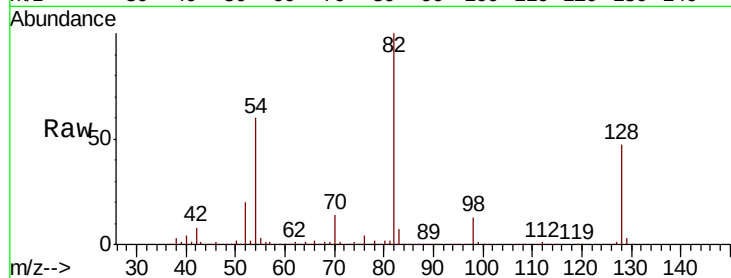
Tgt Ion: 82 Resp: 772947

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

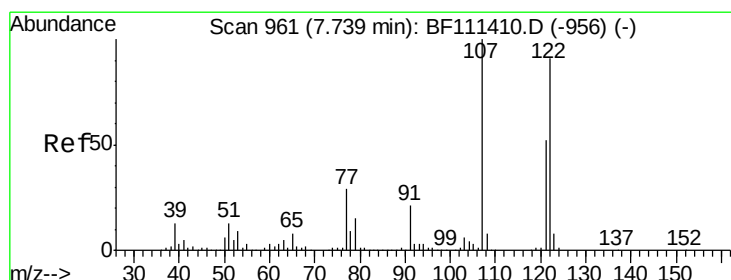
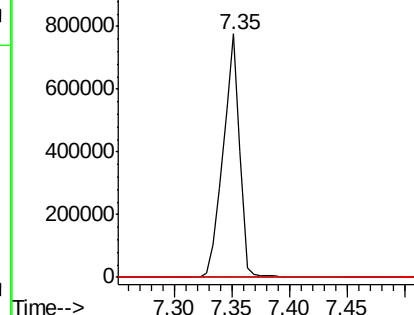
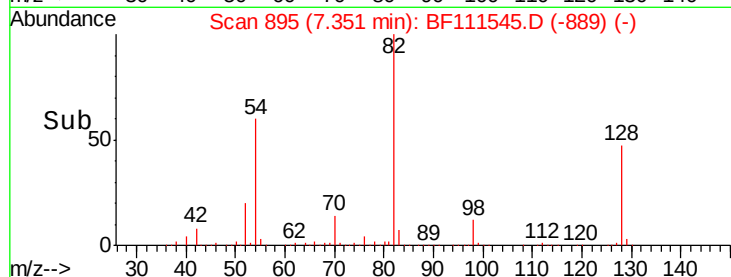
138 0.0 15.1 22.7#



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



#27

2,4-Dimethylphenol

Concen: 3.793 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111545.D

Acq: 17 Dec 2018 18:08

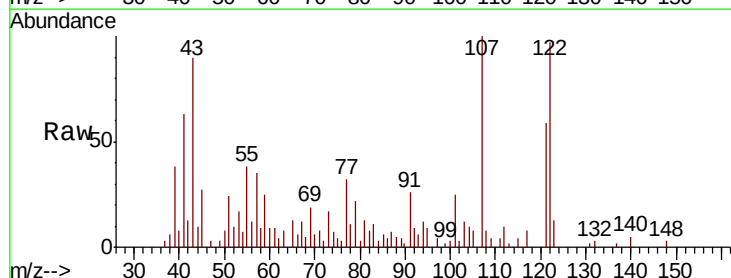
Tgt Ion: 122 Resp: 24446

Ion Ratio Lower Upper

122 100

107 103.4 85.5 128.3

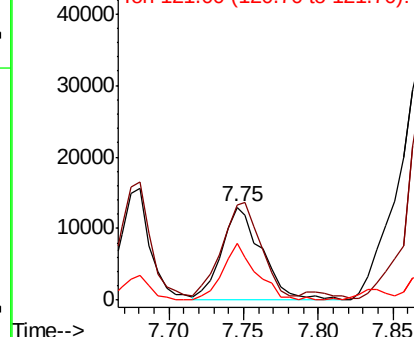
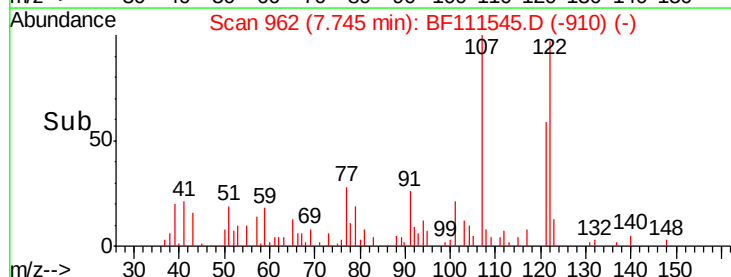
121 60.8 46.6 70.0

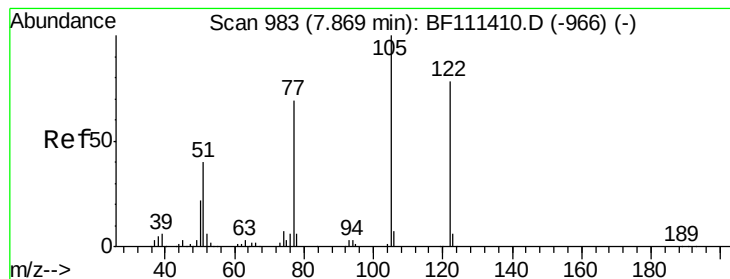


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#32

Benzoic acid

Concen: 52.842 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.09 min

Lab File: BF111545.D

Acq: 17 Dec 2018 18:08

Instrument :

BNA_F

ClientSampleId :

COMP-1

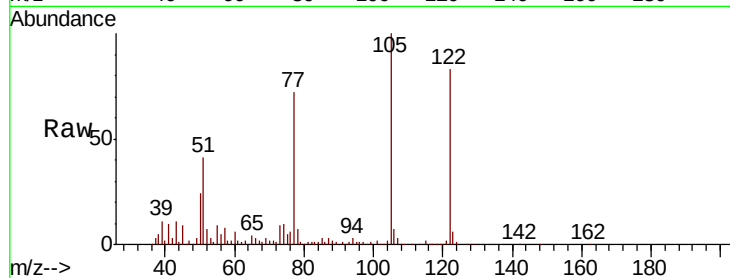
Tgt Ion:122 Resp: 294328

Ion Ratio Lower Upper

122 100

105 120.2 97.0 137.0

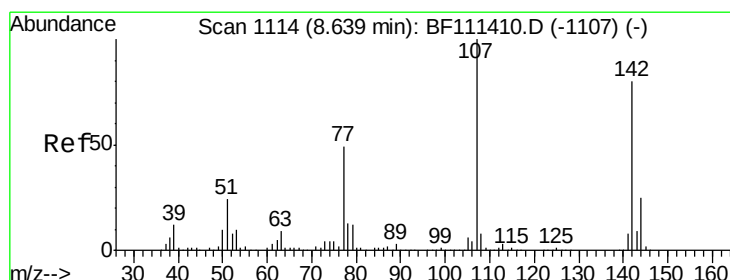
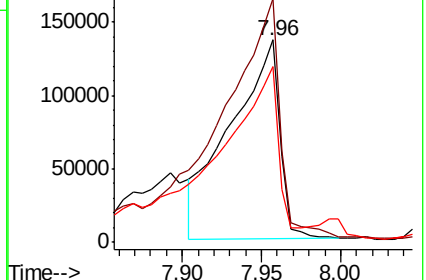
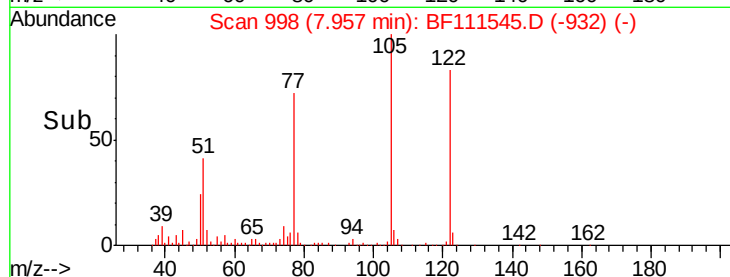
77 86.9 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 7.138 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF111545.D

Acq: 17 Dec 2018 18:08

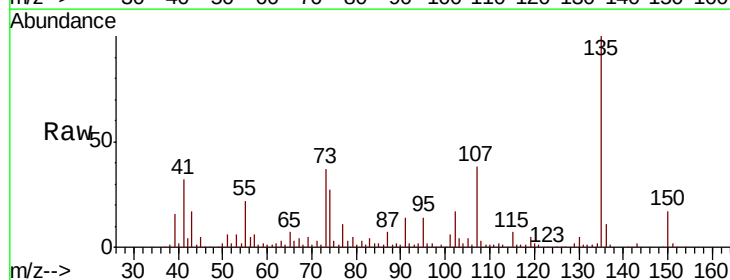
Tgt Ion:107 Resp: 54064

Ion Ratio Lower Upper

107 100

144 0.0 19.8 29.6#

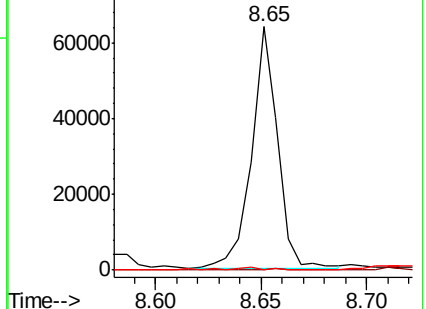
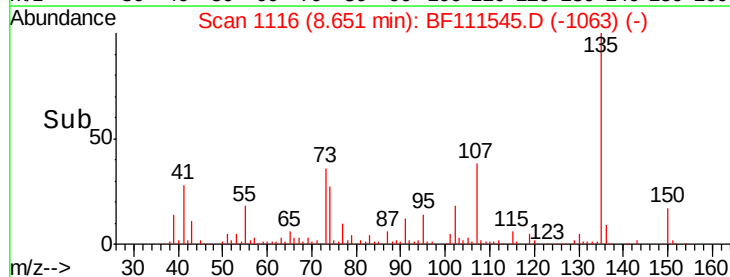
142 0.0 62.3 93.5#

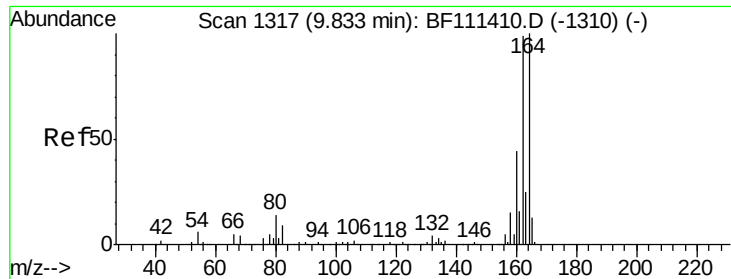


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

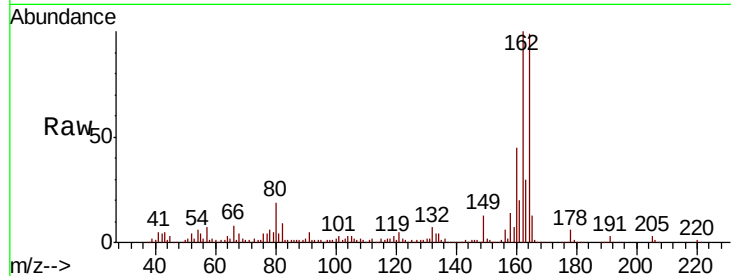




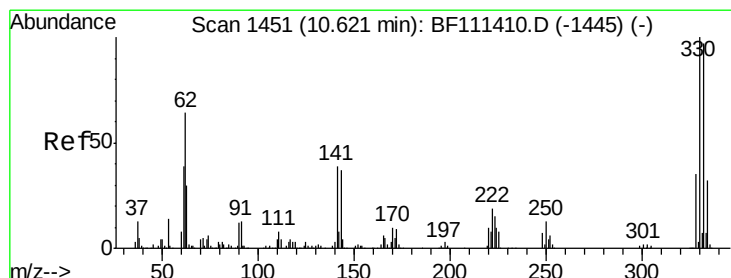
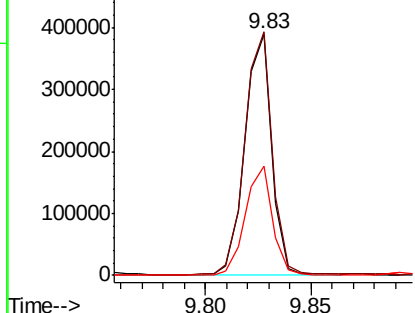
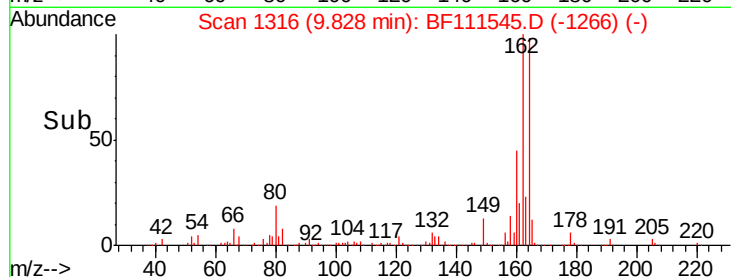
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:164 Resp: 341013
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 45.1 35.7 53.5

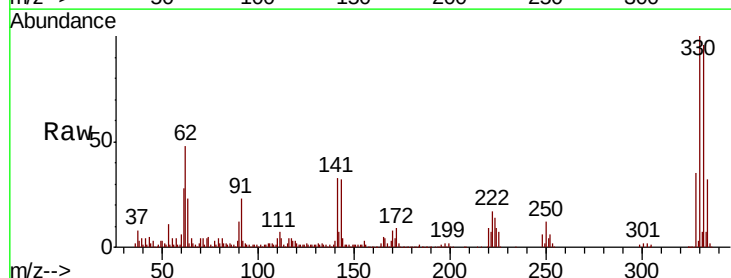


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

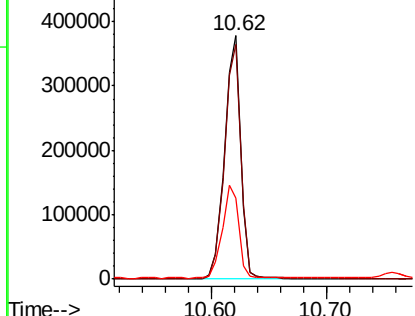
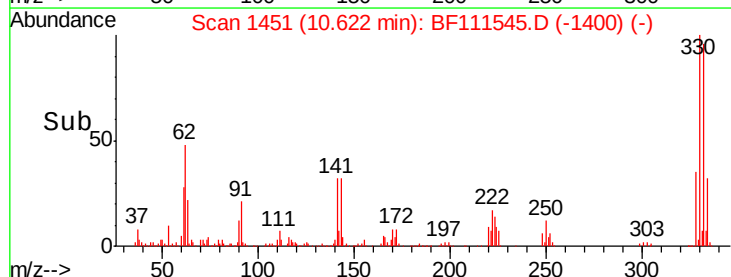


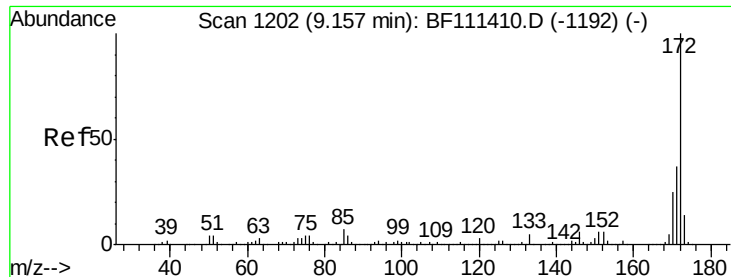
#42
2,4,6-Tribromophenol
Concen: 121.054 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:330 Resp: 369790
Ion Ratio Lower Upper
330 100
332 97.8 76.0 114.0
141 39.1 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

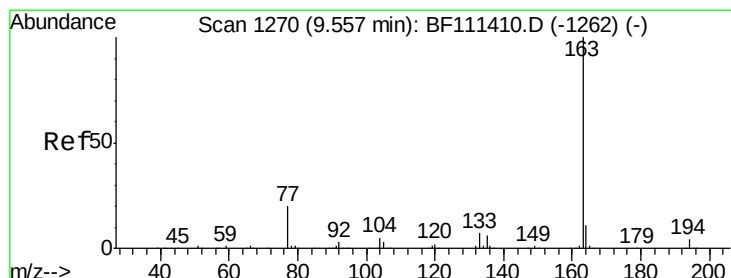
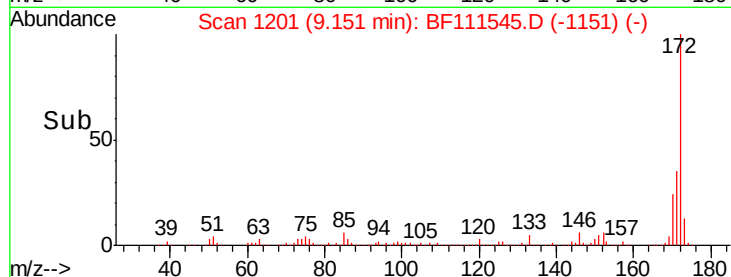
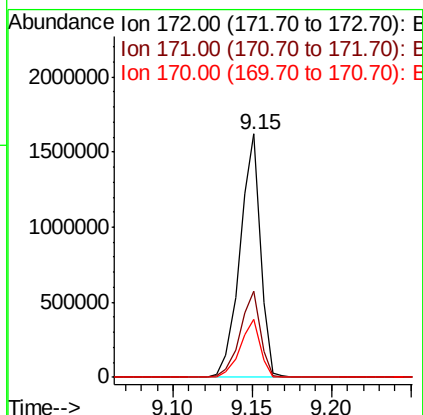
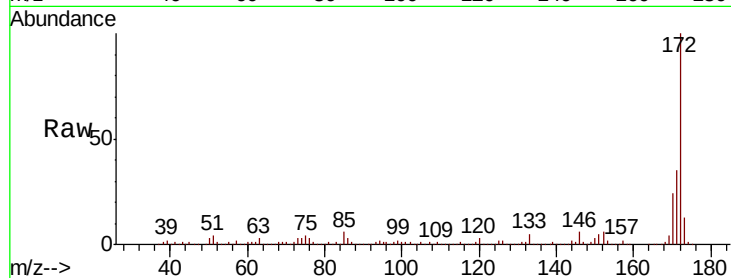




#45
2-Fluorobiphenyl
Concen: 65.595 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

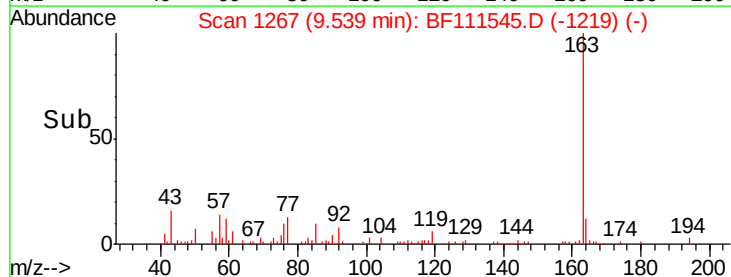
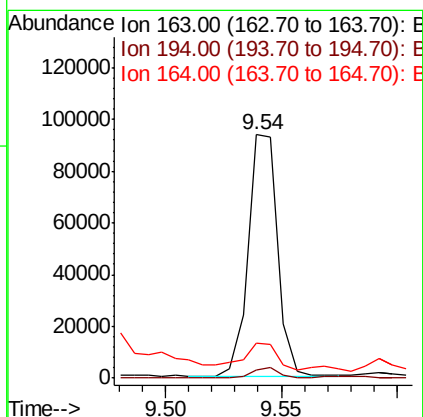
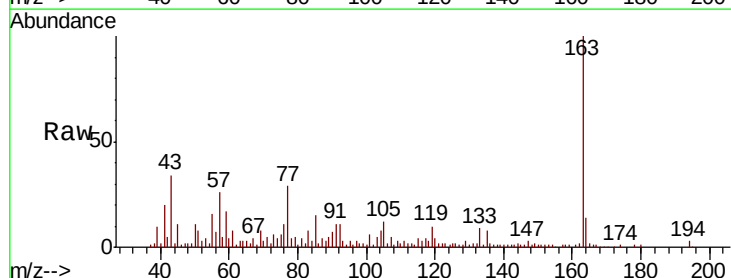
Instrument :
BNA_F
ClientSampleId :
COMP-1

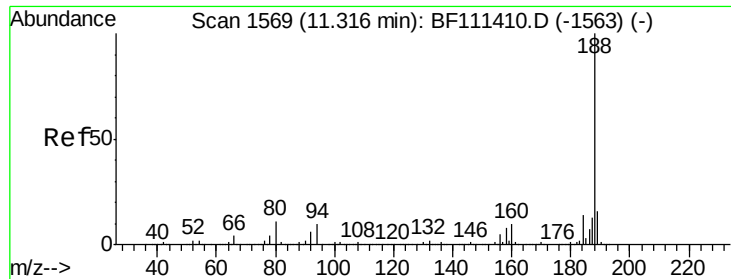
Tgt Ion:172 Resp: 1448158
Ion Ratio Lower Upper
172 100
171 35.4 33.0 49.4
170 23.7 22.3 33.5



#50
Dimethylphthalate
Concen: 3.426 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:163 Resp: 84146
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.6
164 14.2 8.9 13.3#

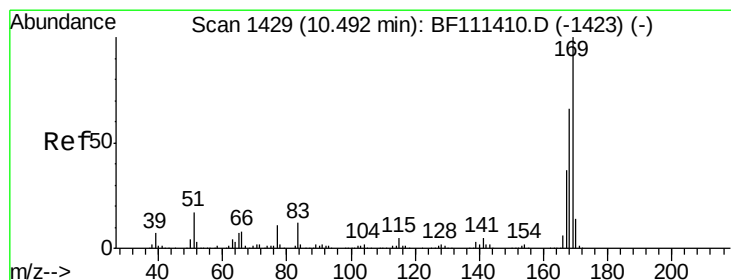
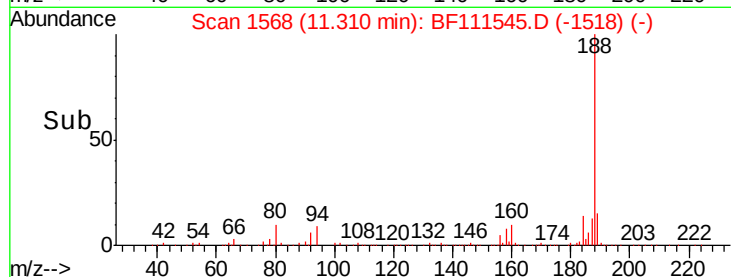
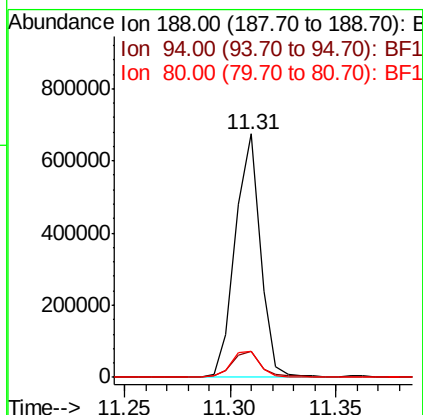
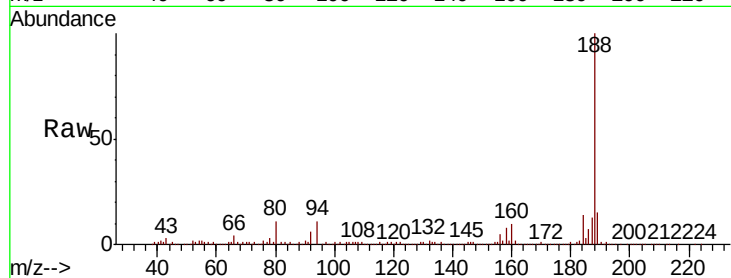




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

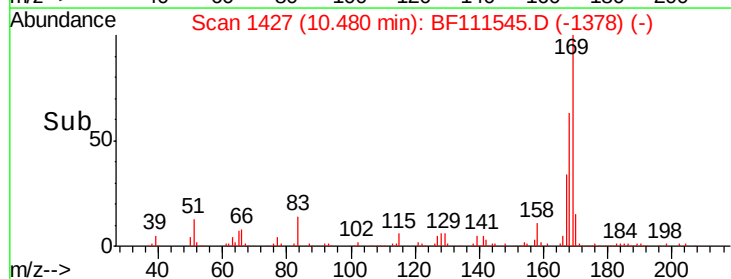
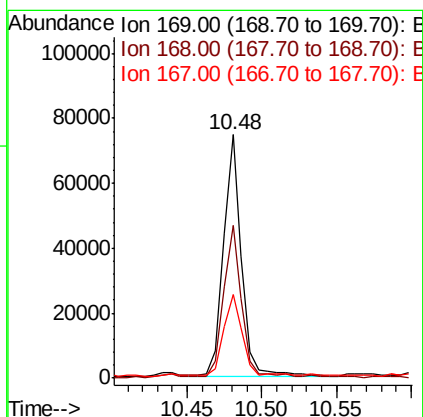
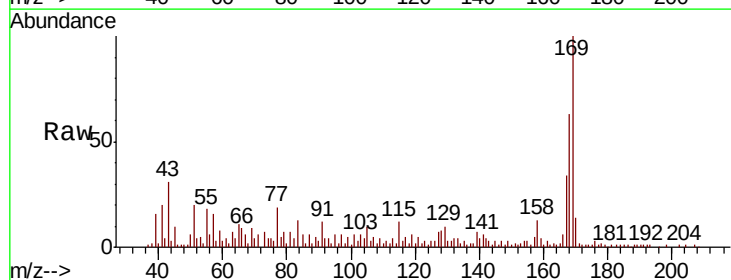
Instrument :
BNA_F
ClientSampleId :
COMP-1

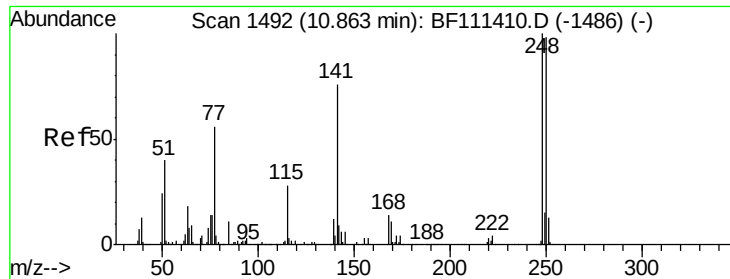
Tgt Ion:188 Resp: 553498
Ion Ratio Lower Upper
188 100
94 10.6 9.6 14.4
80 10.8 9.8 14.6



#66
n-Nitrosodiphenylamine
Concen: 3.298 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:169 Resp: 62954
Ion Ratio Lower Upper
169 100
168 62.9 54.4 81.6
167 34.5 30.5 45.7

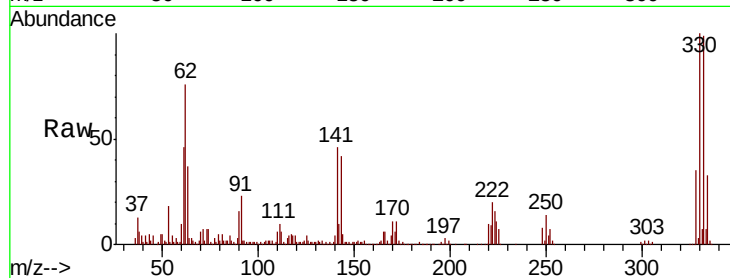




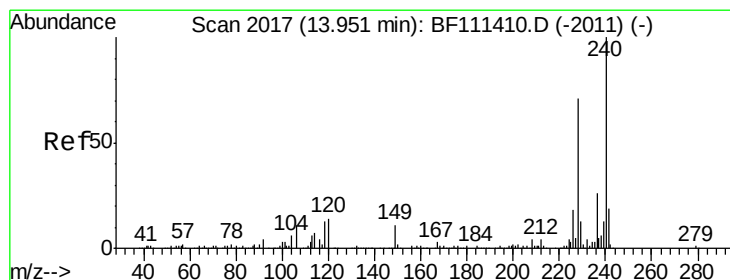
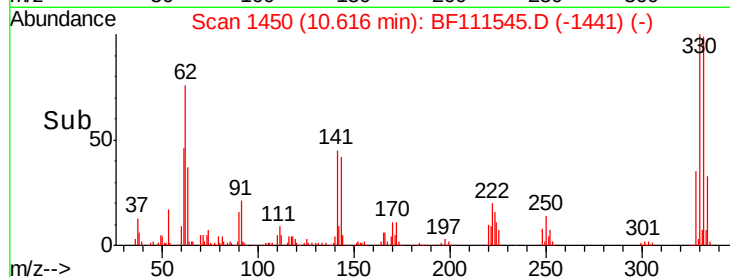
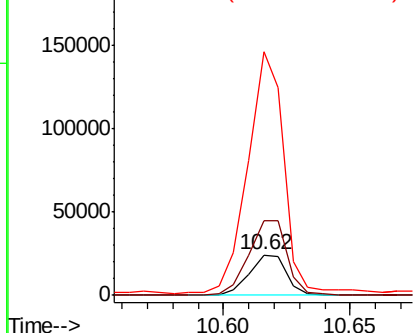
#67
 4-Bromophenyl-phenylether
 Concen: 4.151 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111545.D
 Acq: 17 Dec 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:248 Resp: 24762
 Ion Ratio Lower Upper
 248 100
 250 185.6 77.0 115.4#
 141 603.4 63.0 94.6#

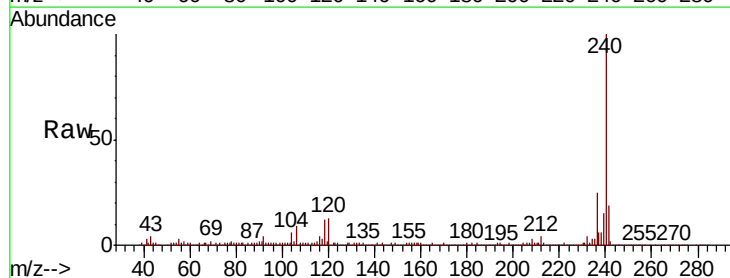


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

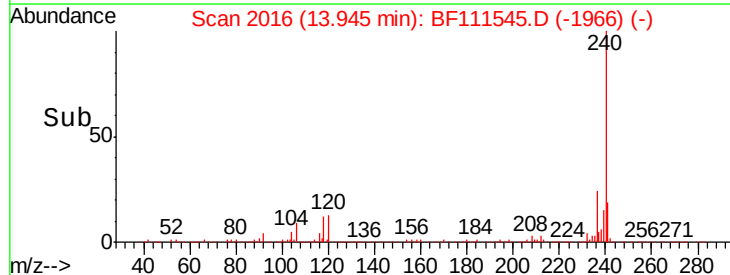
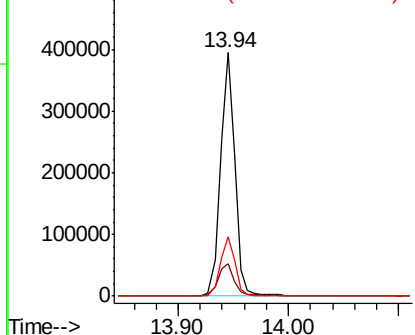


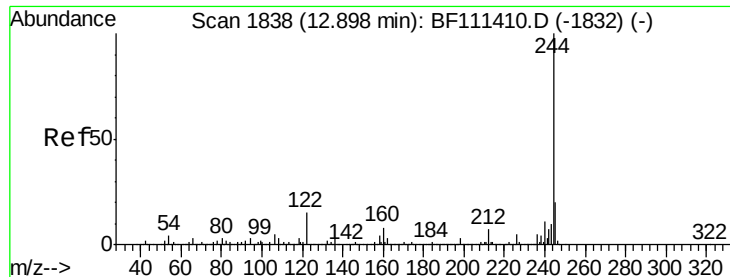
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF111545.D
 Acq: 17 Dec 2018 18:08

Tgt Ion:240 Resp: 358313
 Ion Ratio Lower Upper
 240 100
 120 13.2 12.2 18.2
 236 24.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.488 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111545.D

Acq: 17 Dec 2018 18:08

Instrument :

BNA_F

ClientSampleId :

COMP-1

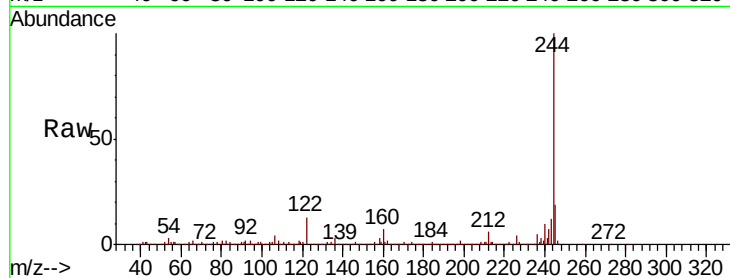
Tgt Ion:244 Resp: 1457033

Ion Ratio Lower Upper

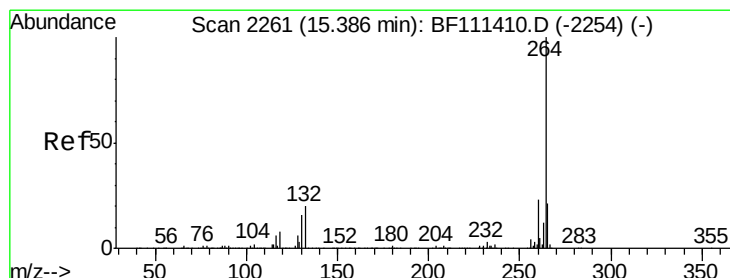
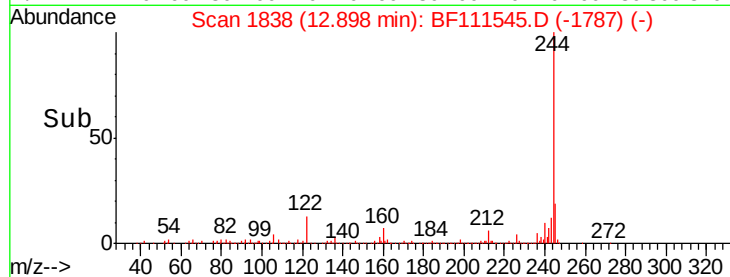
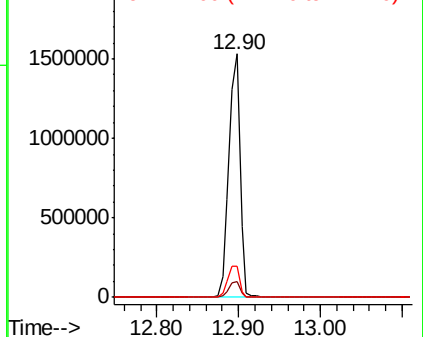
244 100

212 6.4 5.7 8.5

122 12.7 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: BF111545.D

Acq: 17 Dec 2018 18:08

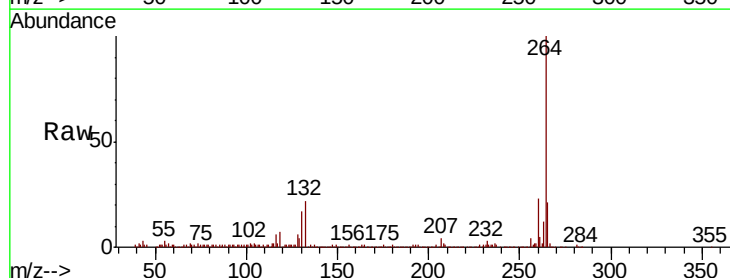
Tgt Ion:264 Resp: 376279

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 20.7 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

