

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111689.D
 Acq On : 21 Dec 2018 16:05
 Operator : JU/SJ
 Sample : J6447-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-0006-01

Quant Time: Dec 21 22:34:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183151	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	656672	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	291117	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	472488	20.00	ng	0.00
76) Chrysene-d12	14.06	240	372023	20.00	ng	0.00
87) Perylene-d12	15.54	264	270212	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	895709	83.36	ng	0.01
7) Phenol-d6	6.53	99	1143098	83.59	ng	0.00
23) Nitrobenzene-d5	7.46	82	713264	63.22	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	264481	76.89	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1238388	62.00	ng	0.00
79) Terphenyl-d14	13.00	244	1025374	52.27	ng	0.00

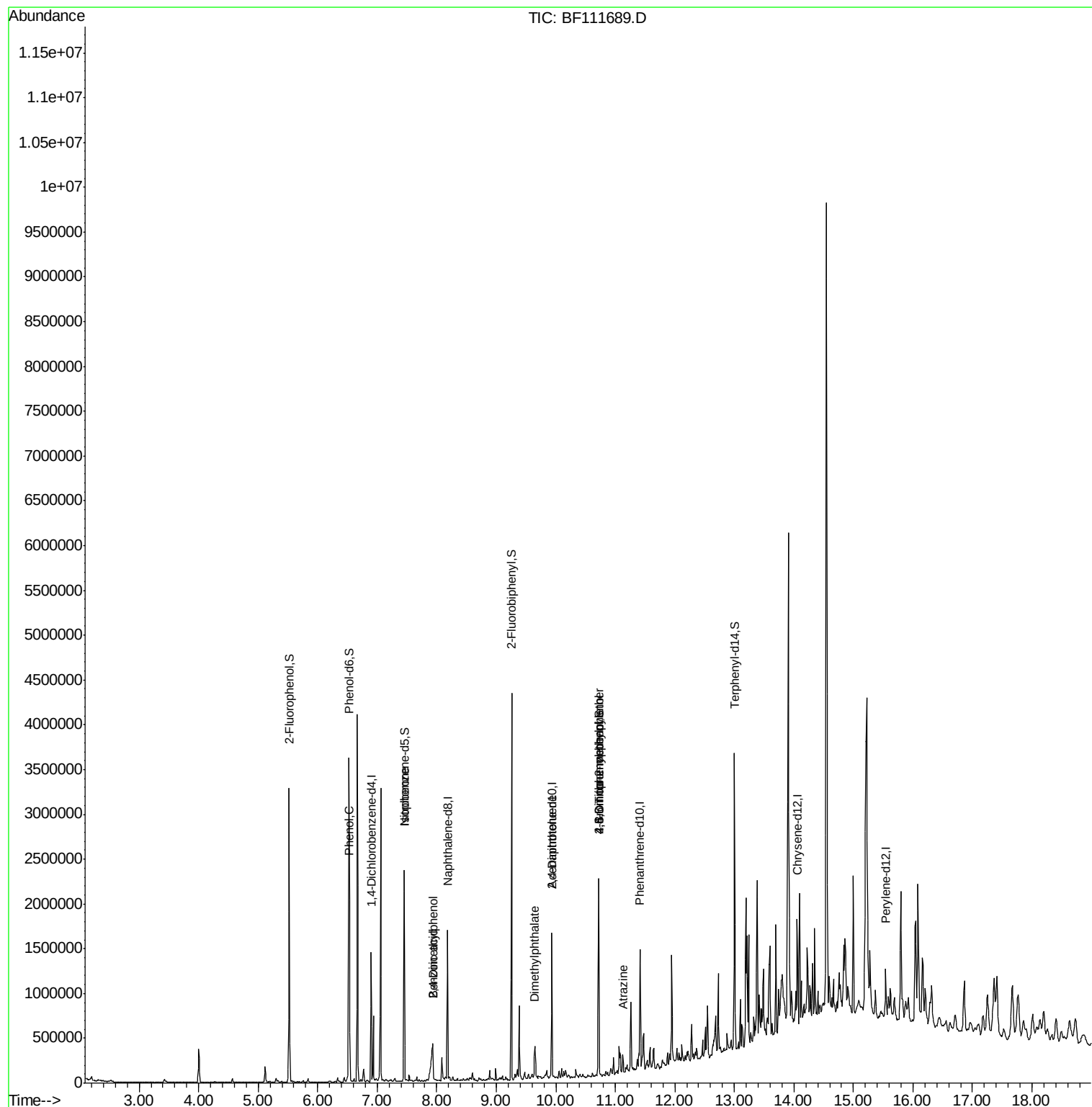
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.54	94	84082	5.450	ng	95
25) Isophorone	7.46	82	711263	35.514	ng	# 64
27) 2,4-Dimethylphenol	7.93	122	169104	17.889	ng	# 11
32) Benzoic acid	7.93	122	169104	27.056	ng	95
50) Dimethylphthalate	9.65	163	119398	5.609	ng	97
57) 2,4-Dinitrotoluene	9.93	165	37384	7.328	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.72	198	596	6.956	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	15655	2.671	ng	# 1
69) Atrazine	11.13	200	19482	3.536	ng	# 37

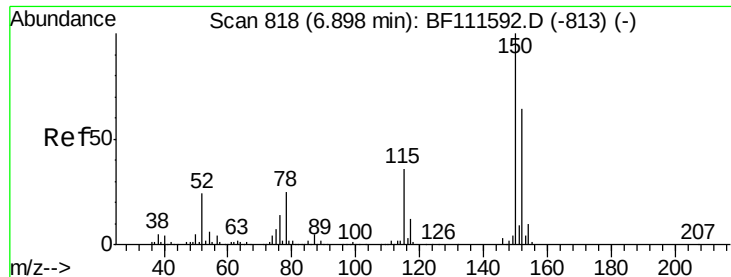
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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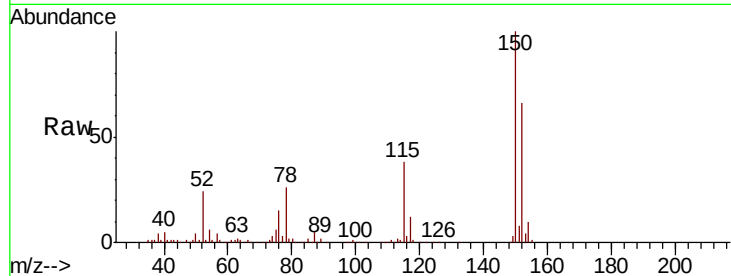


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	57.4	50.7	76.1

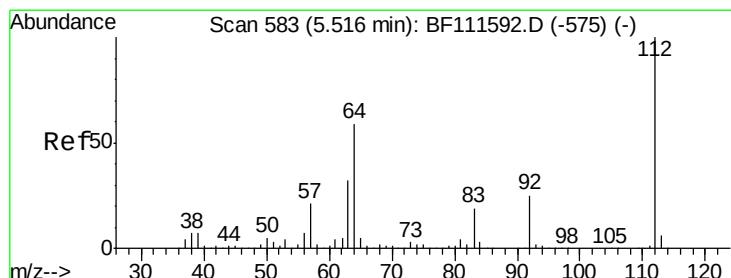
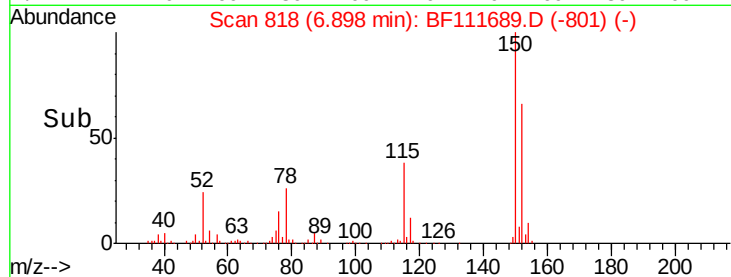
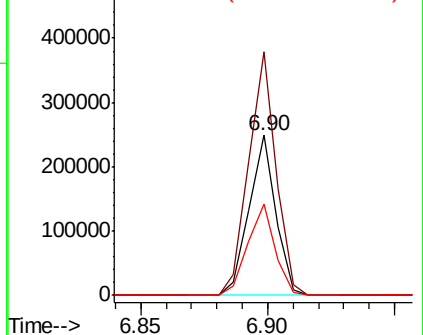


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

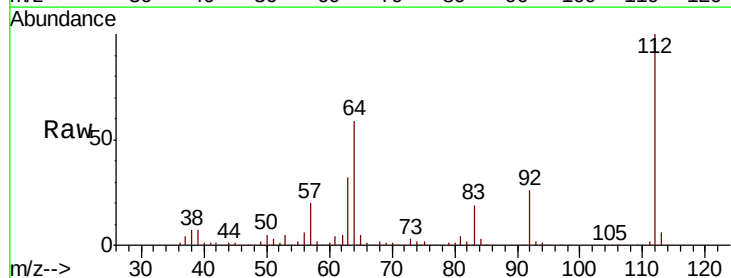
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.361 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	51.8	77.6
63	32.2	26.8	40.2

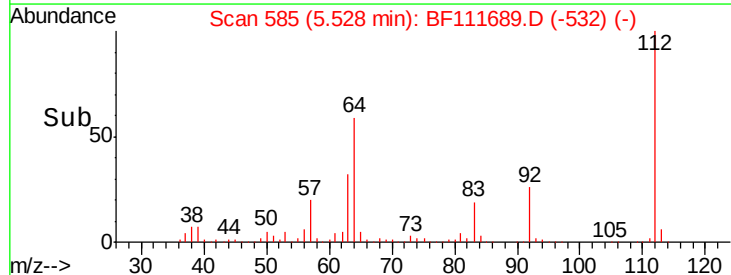
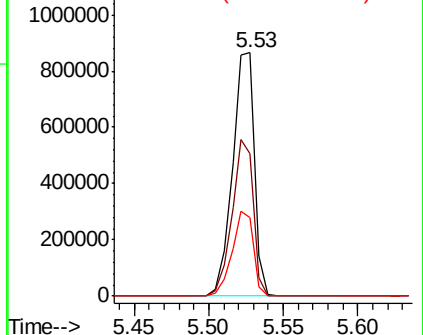


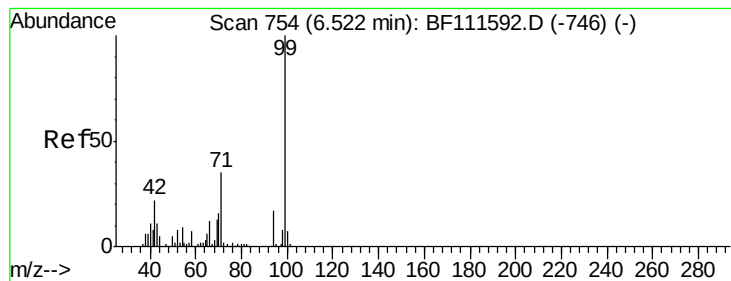
Abundance

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: 83.593 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111689.D

Acq: 21 Dec 2018 16:05

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0006-01

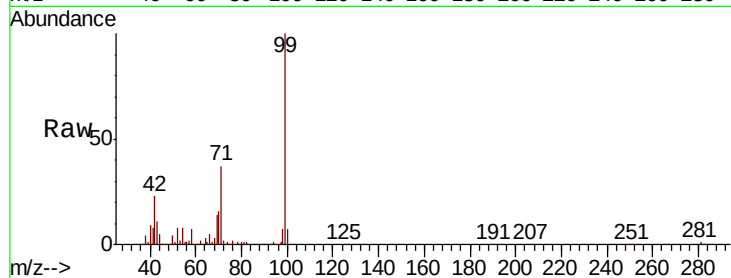
Tgt Ion: 99 Resp: 1143098

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

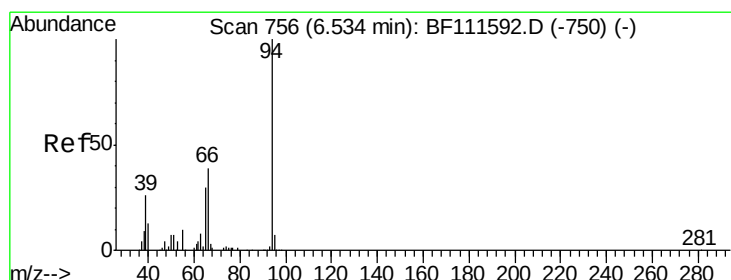
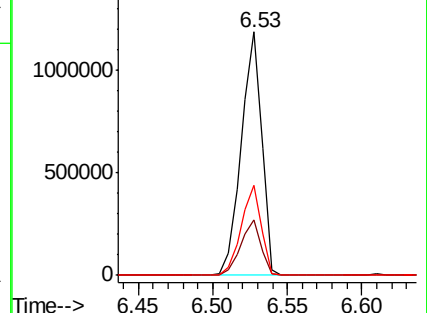
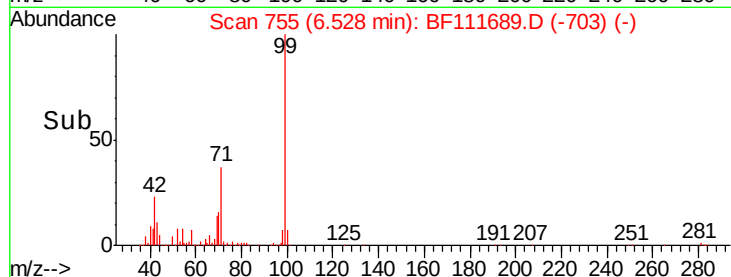
71 36.8 26.1 39.1



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: 5.450 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111689.D

Acq: 21 Dec 2018 16:05

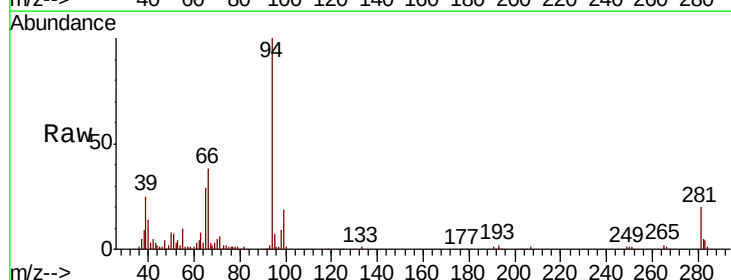
Tgt Ion: 94 Resp: 84082

Ion Ratio Lower Upper

94 100

65 29.1 11.7 51.7

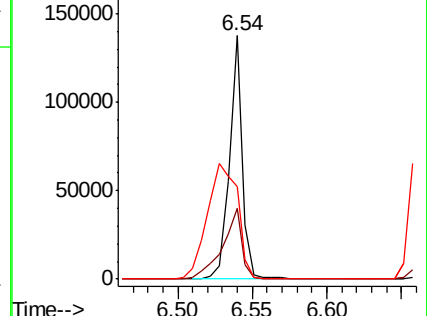
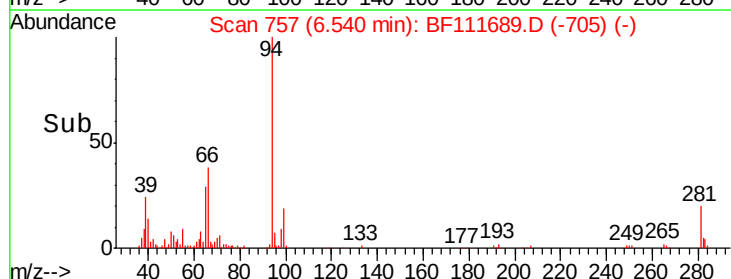
66 38.0 21.0 61.0

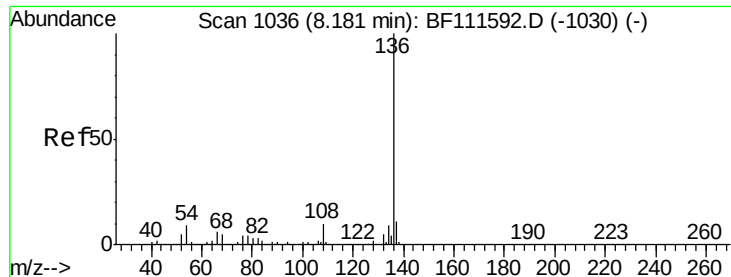


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

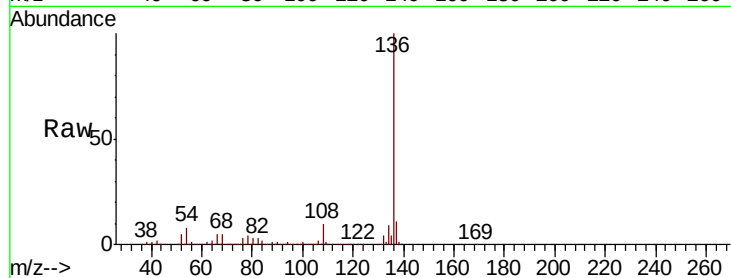




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

Tgt Ion:	136	Resp:	656672
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.4	7.7	11.5
68	5.2	4.9	7.3



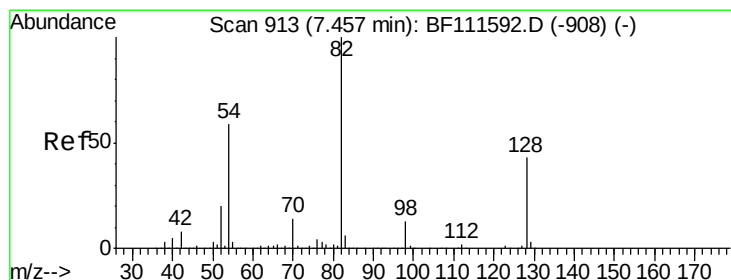
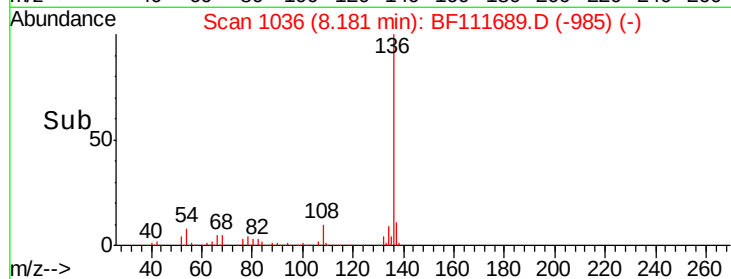
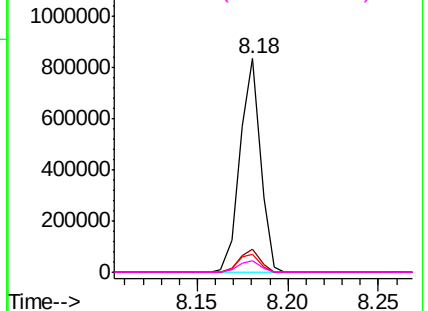
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

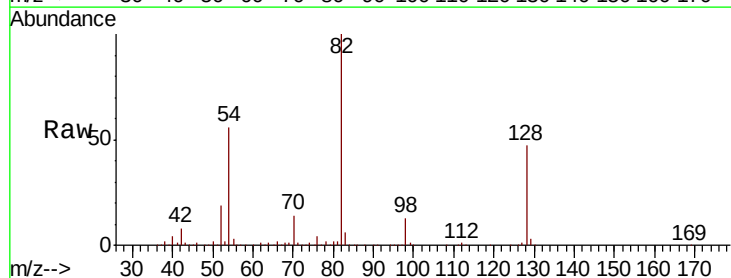
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 63.224 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Tgt Ion:	82	Resp:	713264
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.2
54	56.4	47.6	71.4

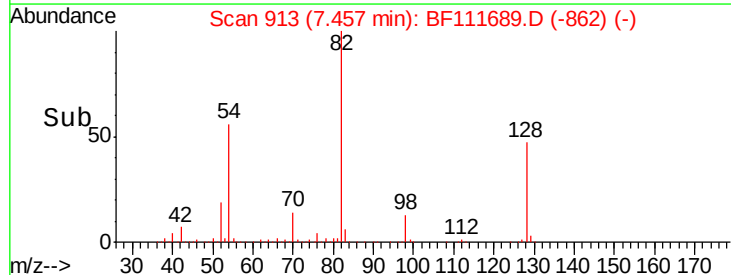
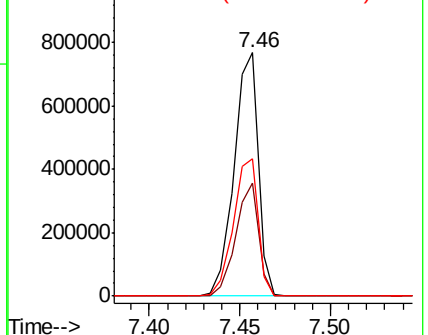


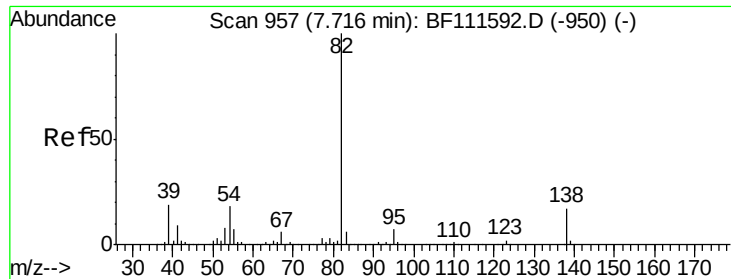
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

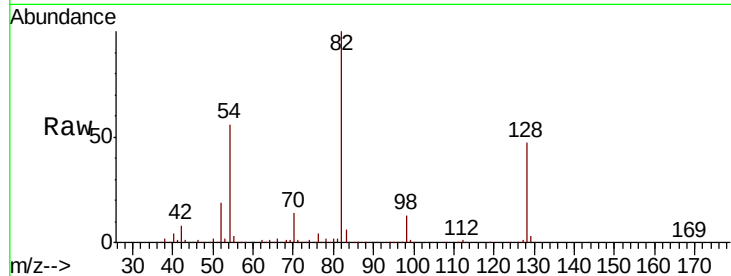




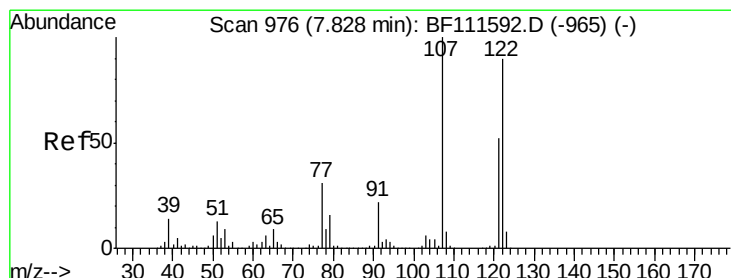
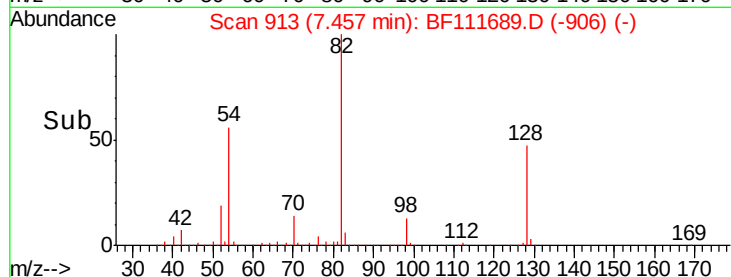
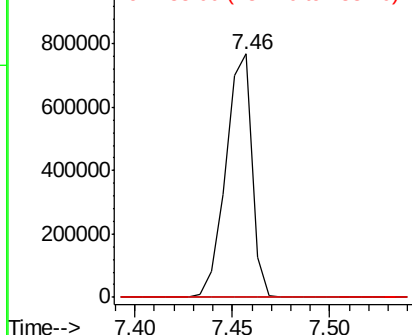
#25
Isophorone
Concen: 35.514 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

Tgt Ion: 82 Resp: 711263
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#

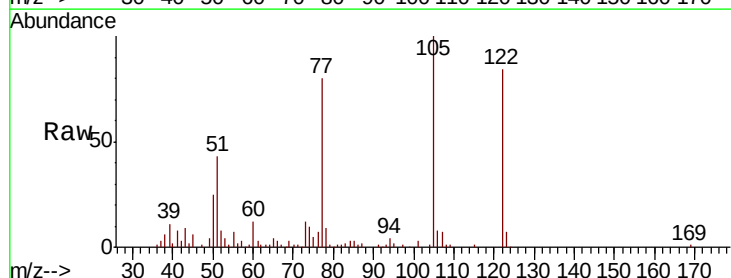


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

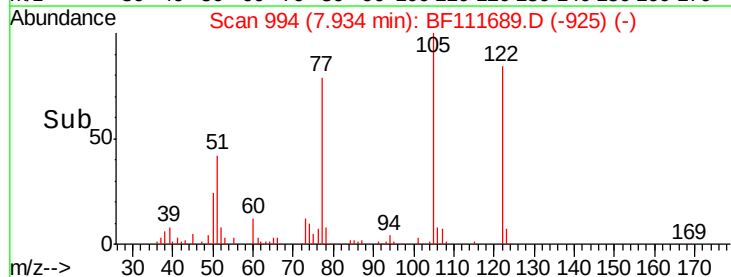
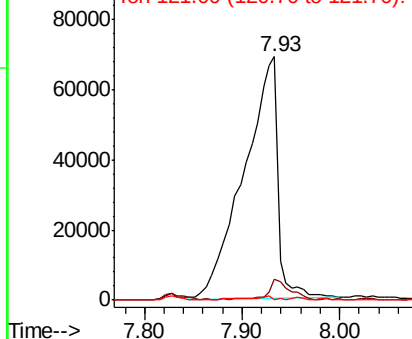


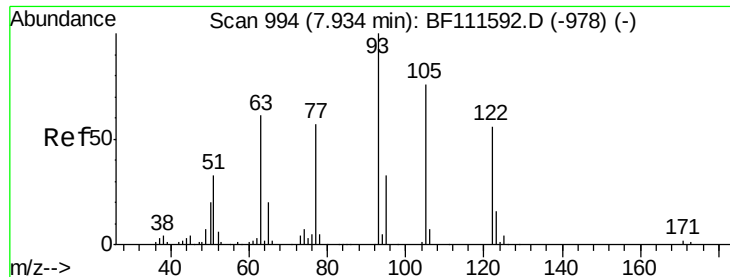
#27
2,4-Dimethylphenol
Concen: 17.889 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.11 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Tgt Ion: 122 Resp: 169104
Ion Ratio Lower Upper
122 100
107 8.4 85.5 128.3#
121 0.0 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: 27.056 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF111689.D

Acq: 21 Dec 2018 16:05

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0006-01

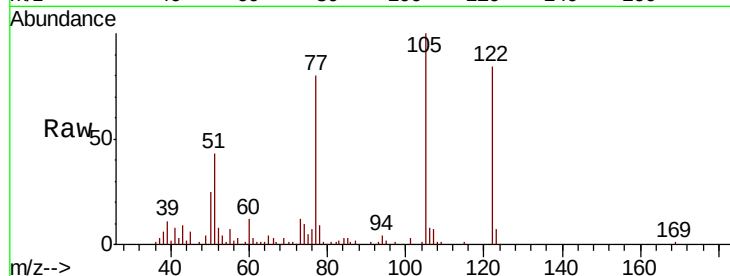
Tgt Ion:122 Resp: 169104

Ion Ratio Lower Upper

122 100

105 118.5 97.0 137.0

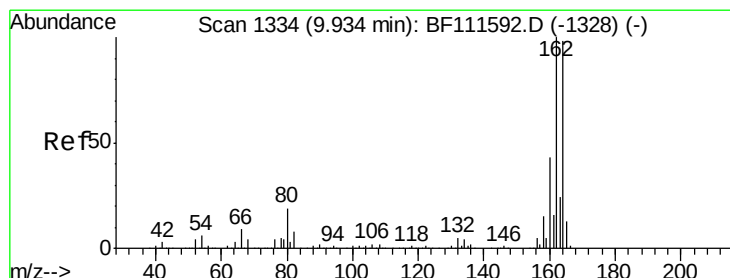
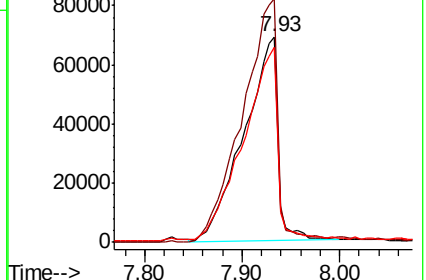
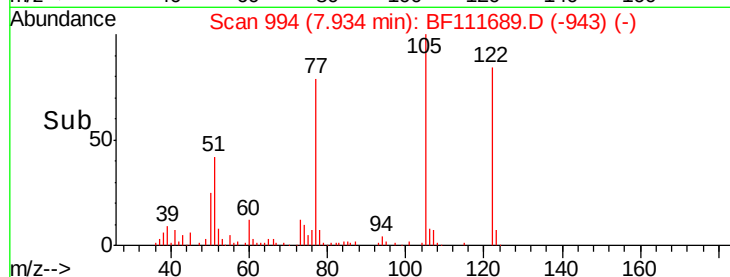
77 94.6 65.7 105.7



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111689.D

Acq: 21 Dec 2018 16:05

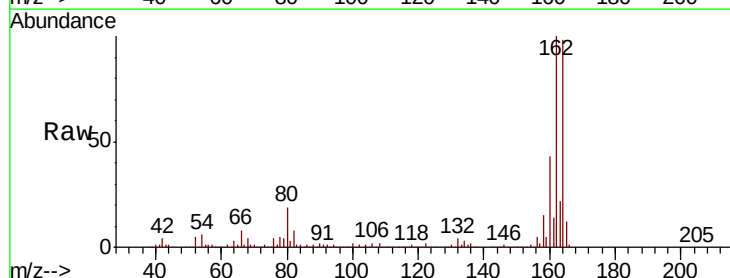
Tgt Ion:164 Resp: 291117

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

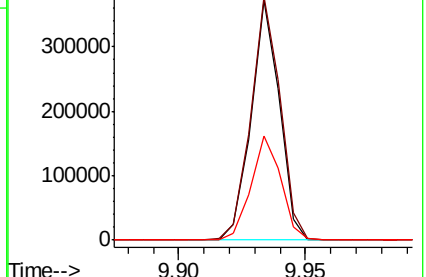
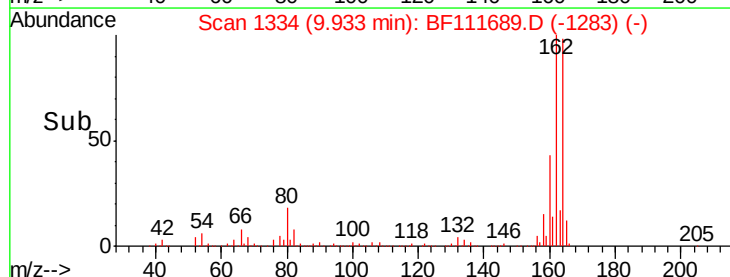
160 43.5 35.7 53.5

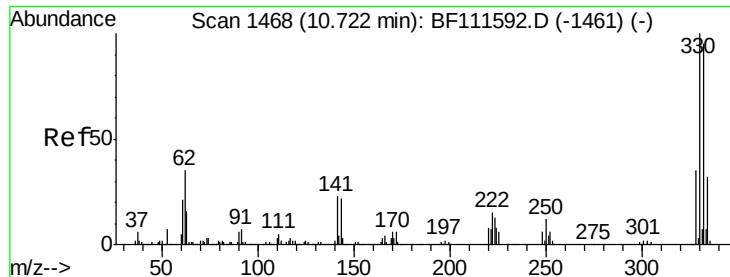


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 76.889 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111689.D

Acq: 21 Dec 2018 16:05

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0006-01

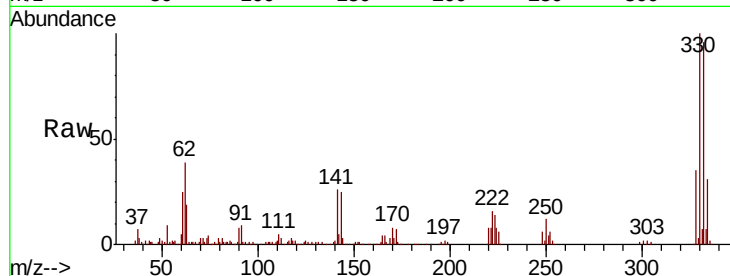
Tgt Ion:330 Resp: 264481

Ion Ratio Lower Upper

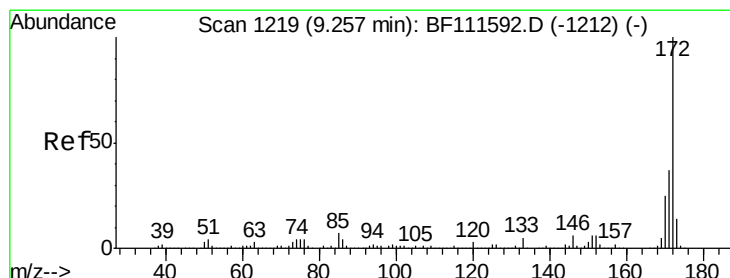
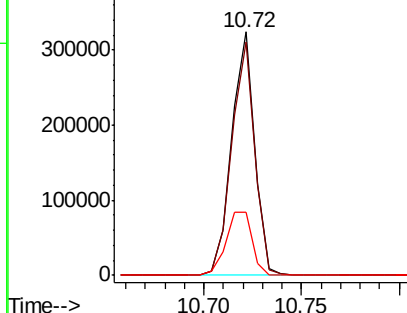
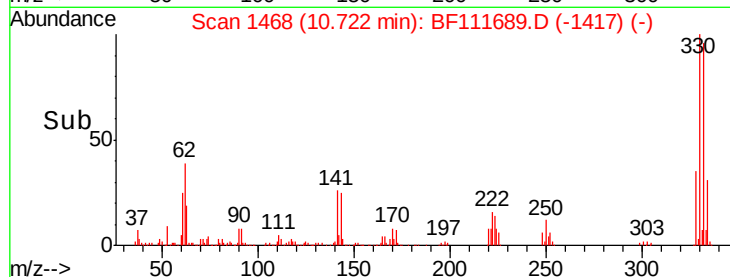
330 100

332 96.4 76.0 114.0

141 30.0 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: 62.004 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF111689.D

Acq: 21 Dec 2018 16:05

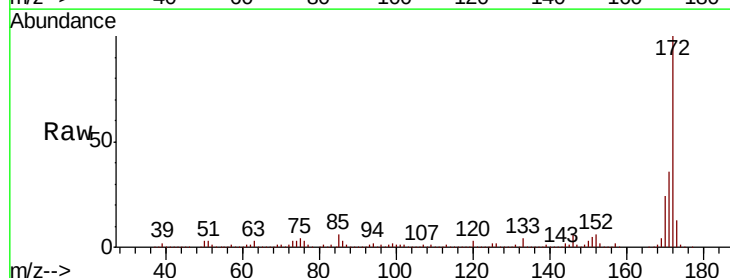
Tgt Ion:172 Resp: 1238388

Ion Ratio Lower Upper

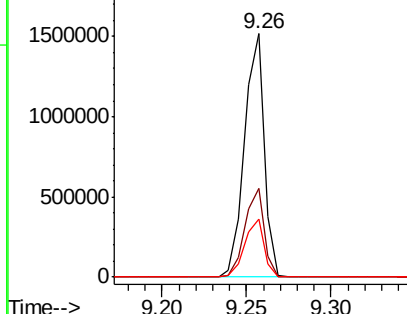
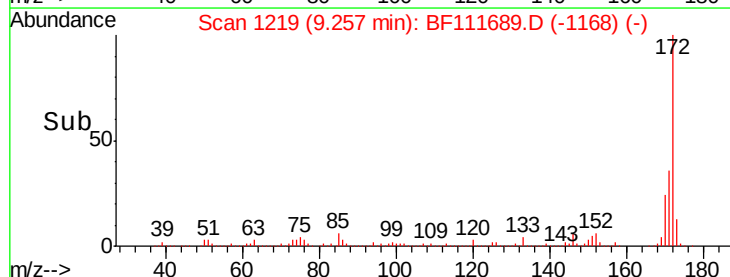
172 100

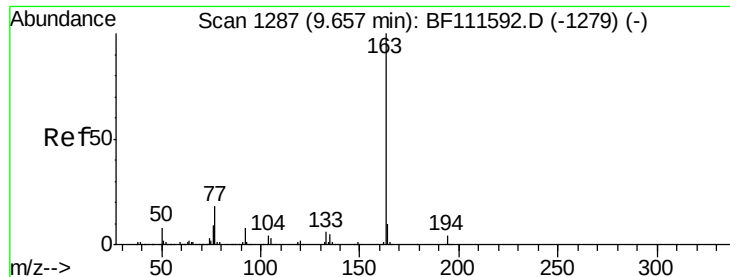
171 36.2 33.0 49.4

170 24.0 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

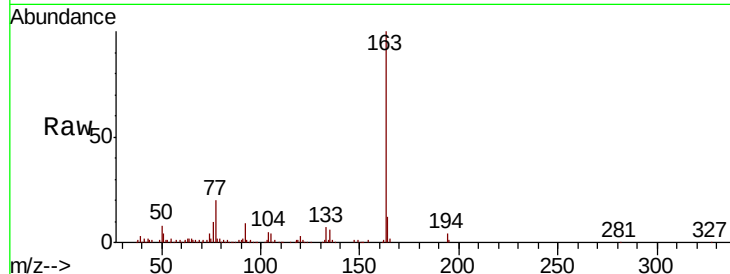




#50
Dimethylphthalate
Concen: 5.609 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	12.4	8.9	13.3

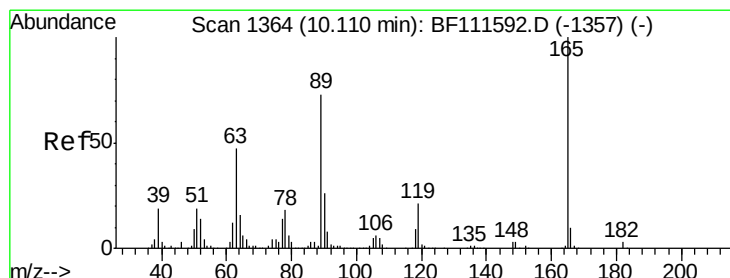
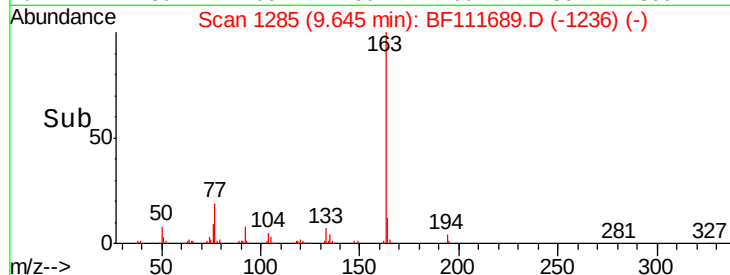
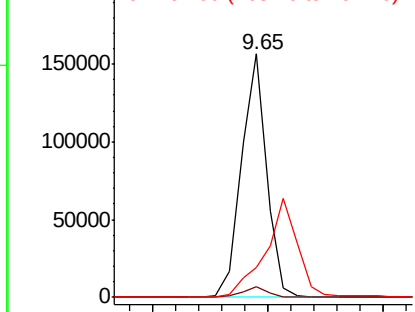


Abundance

Ion 163.00 (162.70 to 163.70): E

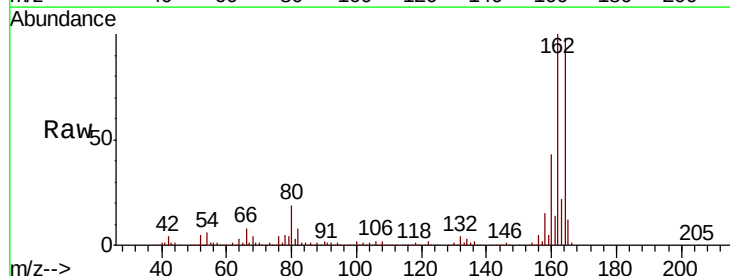
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 7.328 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.6	52.0#
89	2.2	56.2	84.4#
182	0.0	1.8	2.6#



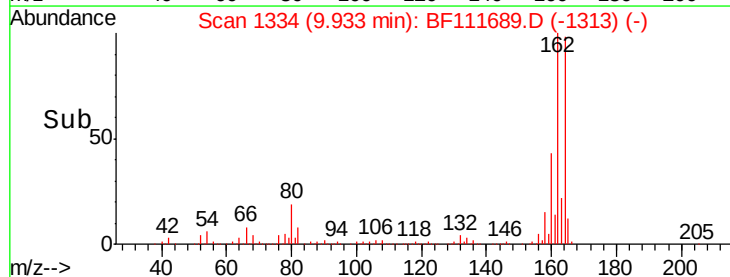
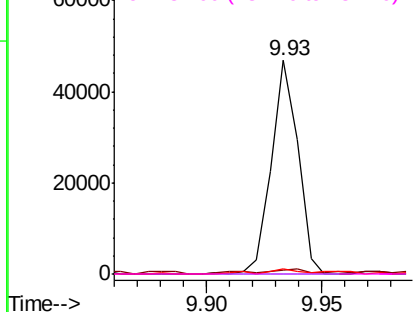
Abundance

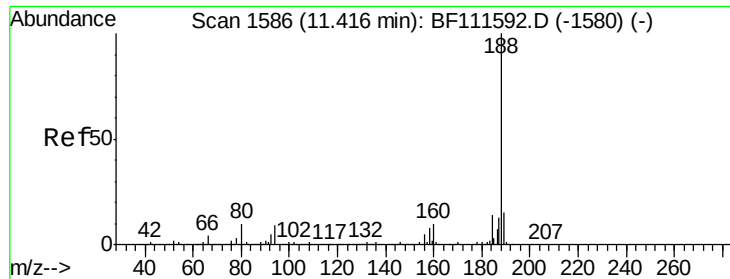
Ion 165.00 (164.70 to 165.70): E

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: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111689.D

Acq: 21 Dec 2018 16:05

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0006-01

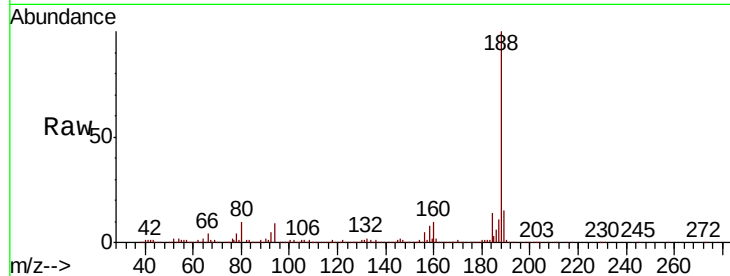
Tgt Ion:188 Resp: 472488

Ion Ratio Lower Upper

188 100

94 8.8 9.6 14.4#

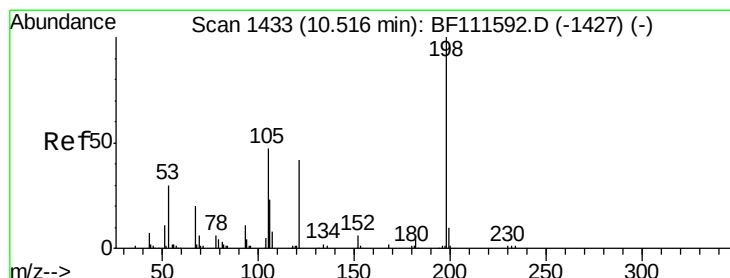
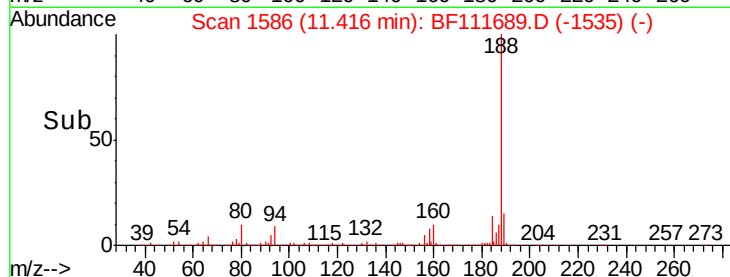
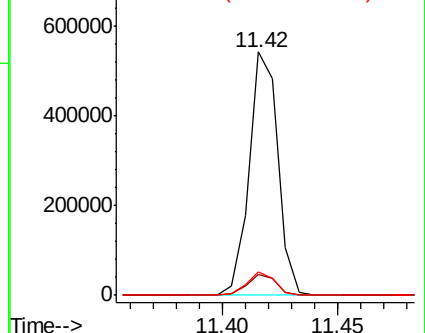
80 9.7 9.8 14.6#



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.956 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.21 min

Lab File: BF111689.D

Acq: 21 Dec 2018 16:05

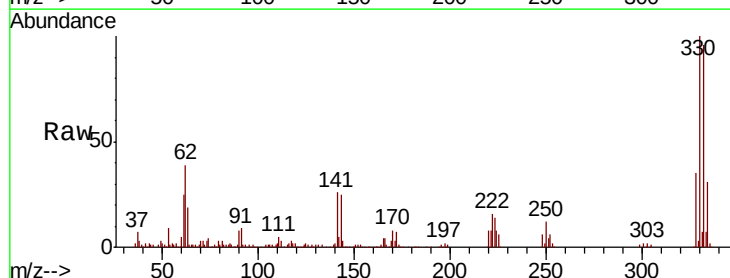
Tgt Ion:198 Resp: 596

Ion Ratio Lower Upper

198 100

51 265.5 48.0 88.0#

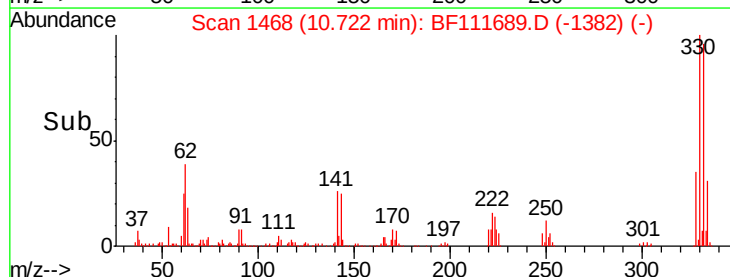
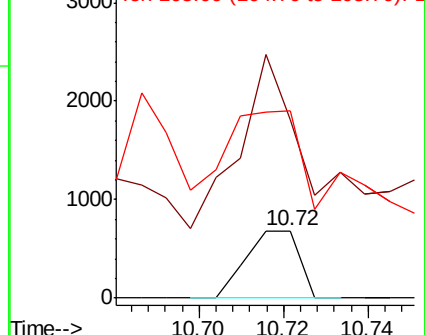
105 278.4 34.0 74.0#

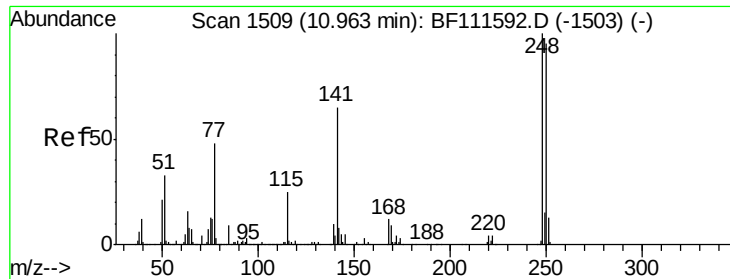


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

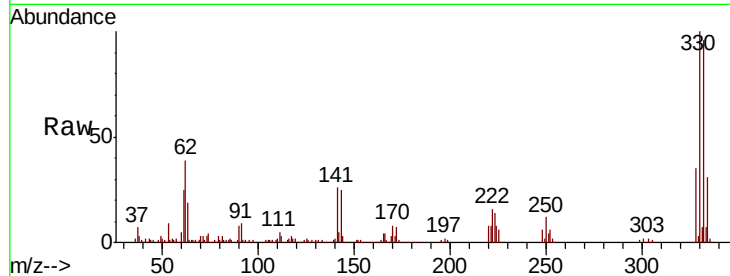




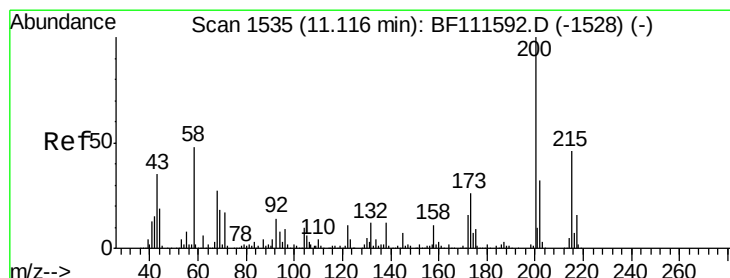
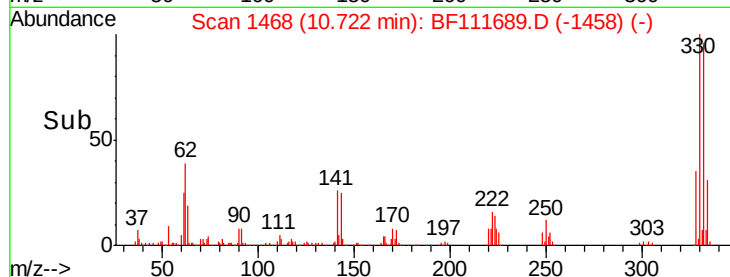
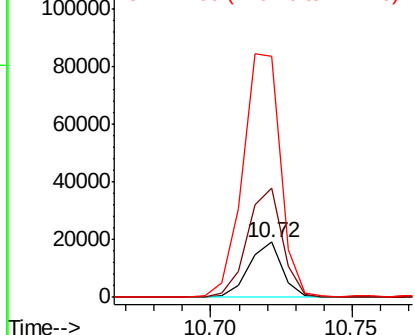
#67
4-Bromophenyl-phenylether
Concen: 2.671 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

Tgt Ion:248 Resp: 15655
Ion Ratio Lower Upper
248 100
250 198.4 77.0 115.4#
141 438.9 63.0 94.6#

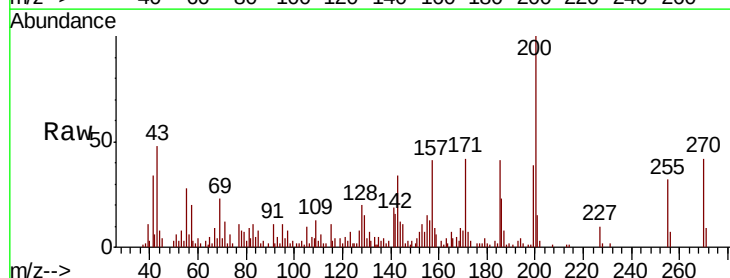


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

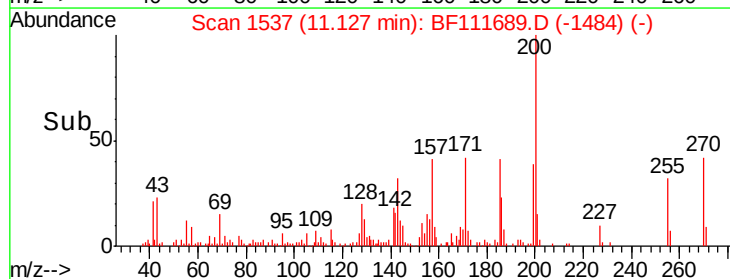
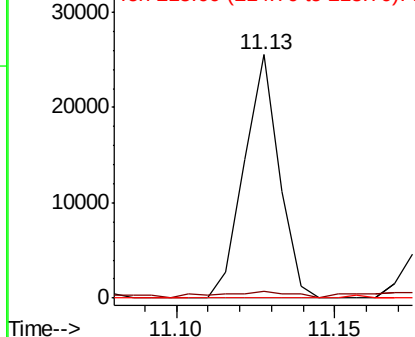


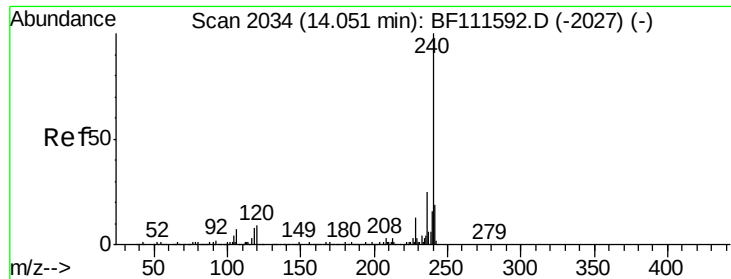
#69
Atrazine
Concen: 3.536 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Tgt Ion:200 Resp: 19482
Ion Ratio Lower Upper
200 100
173 2.5 10.1 50.1#
215 0.0 26.9 66.9#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

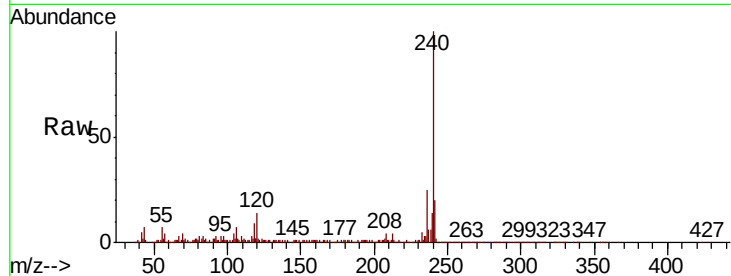




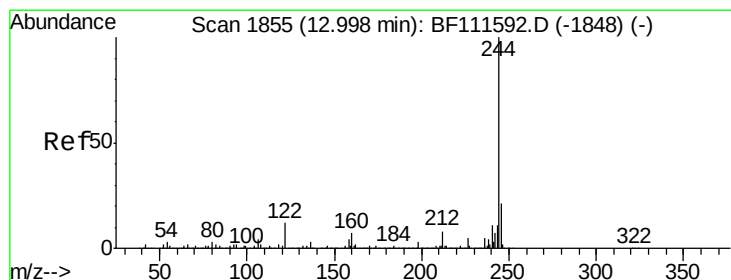
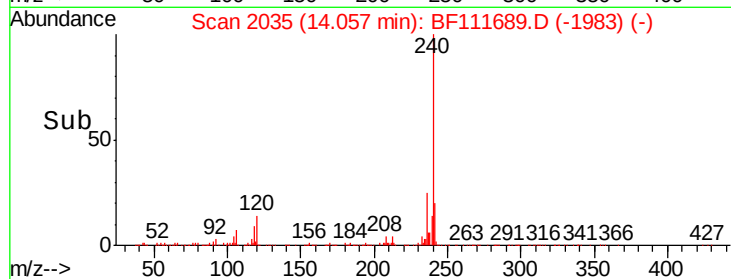
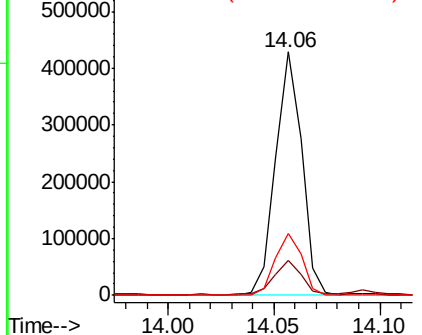
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

Tgt Ion:240 Resp: 372023
Ion Ratio Lower Upper
240 100
120 14.5 12.2 18.2
236 25.5 20.2 30.2

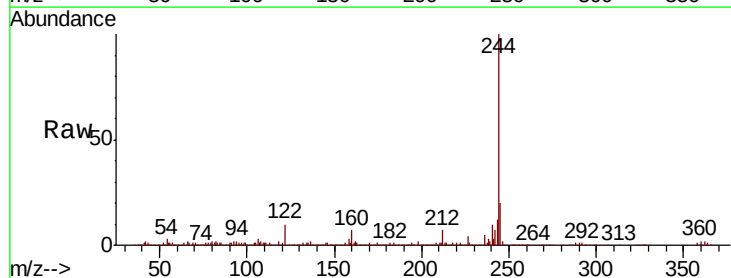


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

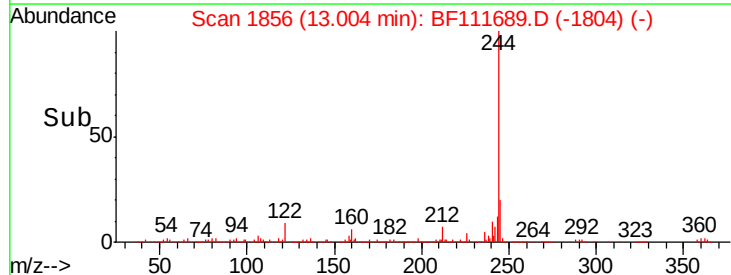
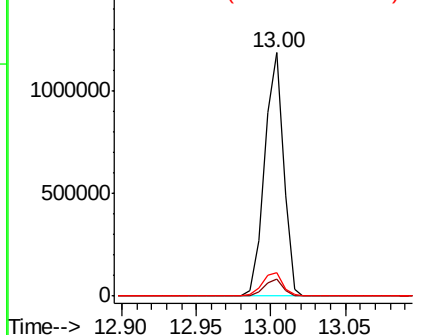


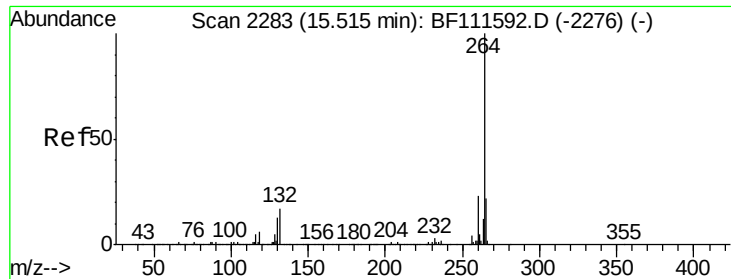
#79
Terphenyl-d14
Concen: 52.269 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Tgt Ion:244 Resp: 1025374
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.6 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: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111689.D
Acq: 21 Dec 2018 16:05

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	20.8	17.7	26.5

