

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111544.D
 Acq On : 17 Dec 2018 17:41
 Operator : JU/SJ
 Sample : J6440-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Dec 18 04:10:16 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

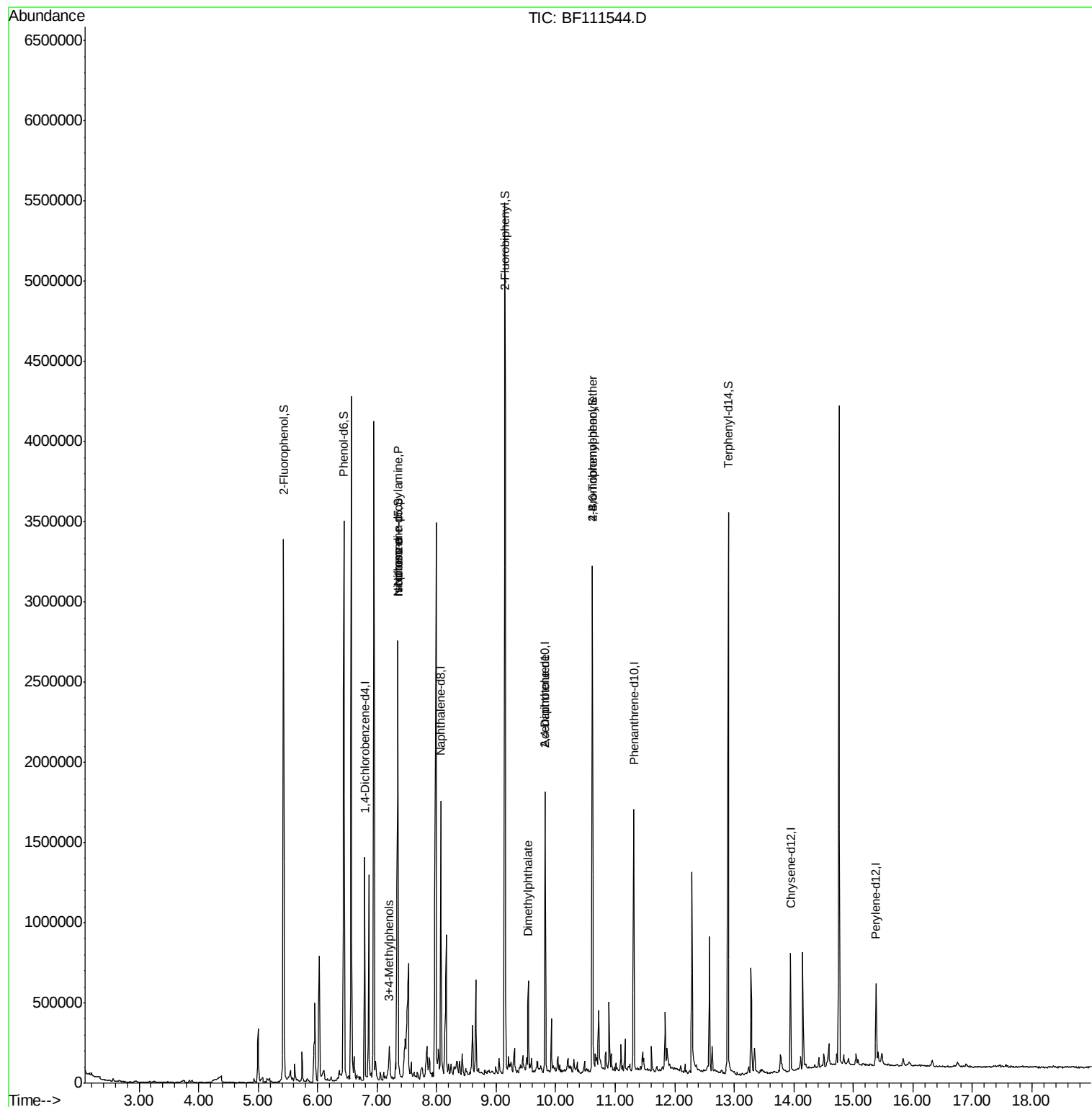
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	187888	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	756044	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	358552	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	616286	20.00	ng	0.00
76) Chrysene-d12	13.95	240	255143	20.00	ng	0.00
87) Perylene-d12	15.38	264	233805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1009178	89.38	ng	0.01
7) Phenol-d6	6.44	99	1153166	76.78	ng	0.00
23) Nitrobenzene-d5	7.35	82	1023463	80.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	368779	114.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1847941	79.61	ng	-0.01
79) Terphenyl-d14	12.90	244	1276271	117.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	133423	13.465	ng	# 77
20) 3+4-Methylphenols	7.20	107	60239	4.423	ng	# 57
25) Isophorone	7.35	82	1023316	47.635	ng	# 64
50) Dimethylphthalate	9.54	163	223835	8.668	ng	97
57) 2,4-Dinitrotoluene	9.82	165	46767	6.130	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	23622	3.556	ng	# 1

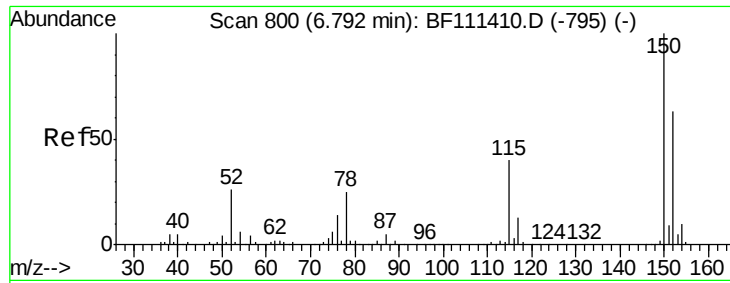
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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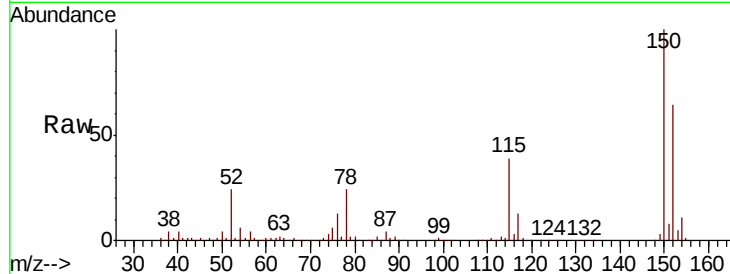


#1

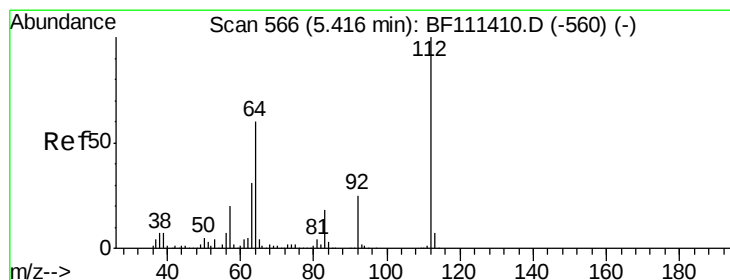
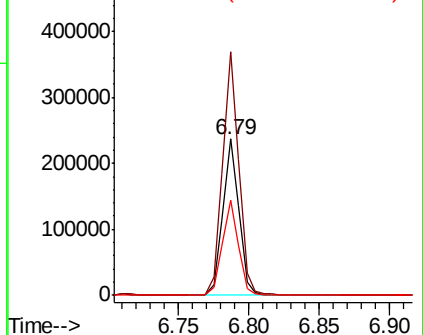
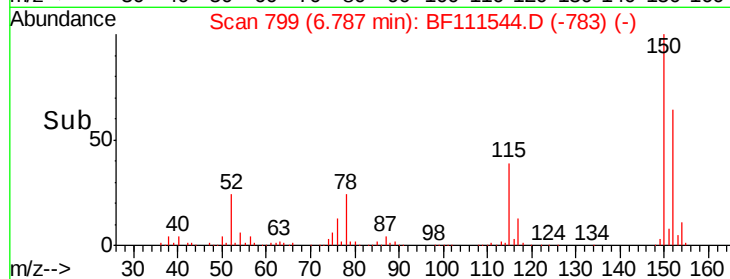
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 187888
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 60.7 50.7 76.1



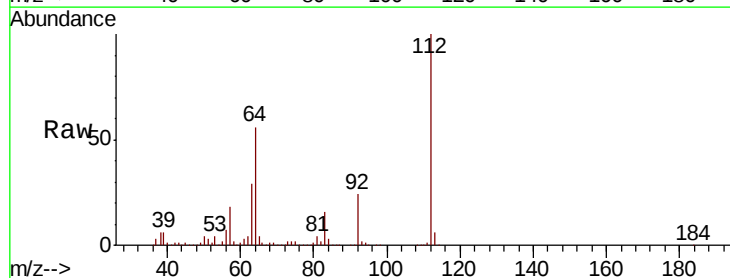
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



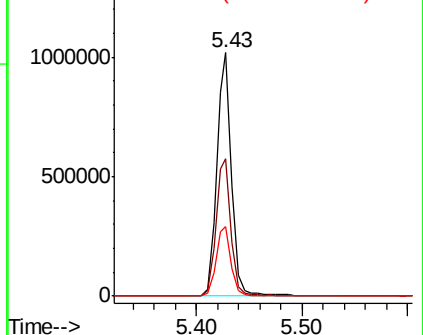
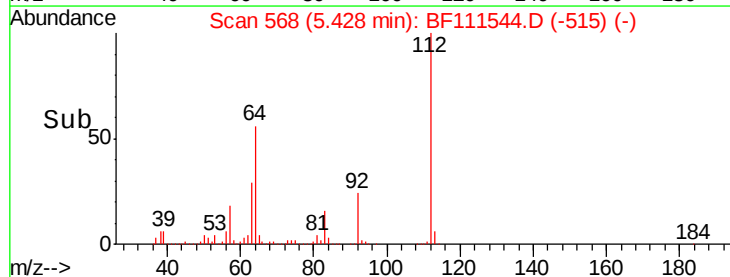
#5

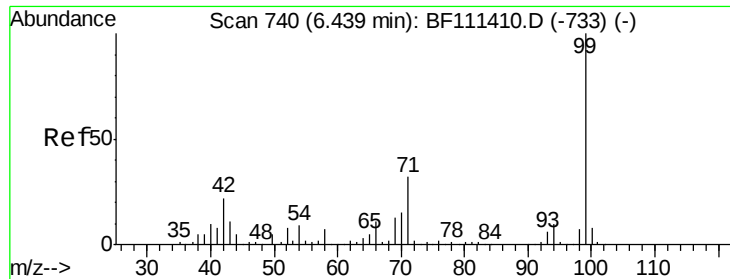
2-Fluorophenol
Concen: 89.379 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Tgt Ion:112 Resp: 1009178
Ion Ratio Lower Upper
112 100
64 56.3 51.8 77.6
63 28.8 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: 76.781 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Instrument :

BNA_F

ClientSampleId :

COMP-4

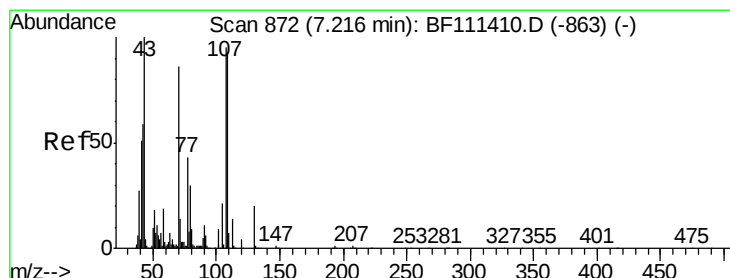
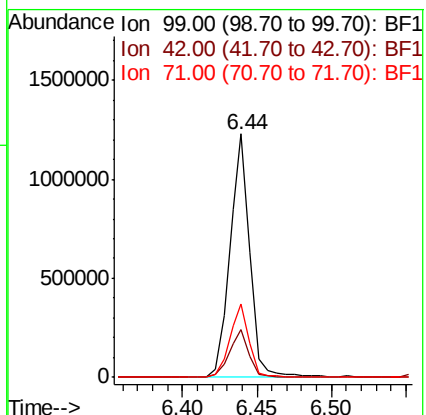
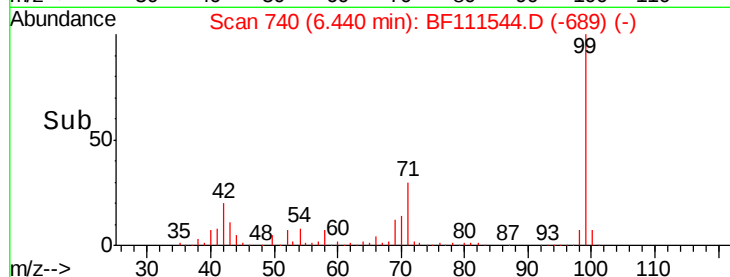
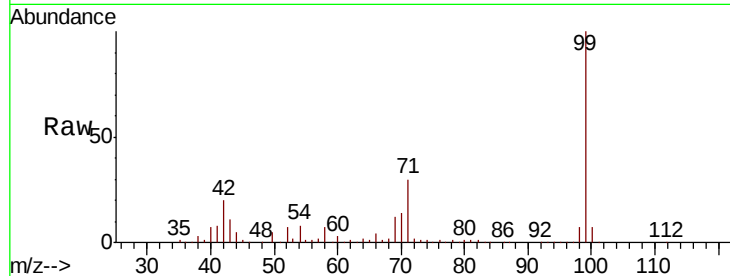
Tgt Ion: 99 Resp: 1153166

Ion Ratio Lower Upper

99 100

42 19.6 17.4 26.0

71 30.2 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.465 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.13 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Tgt Ion: 70 Resp: 133423

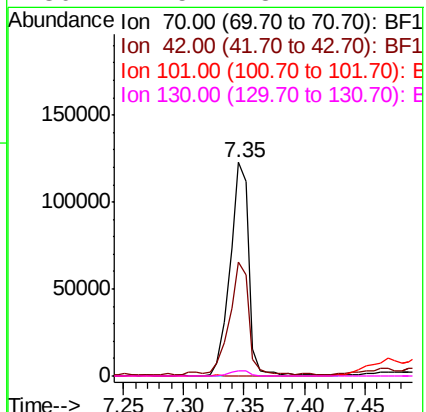
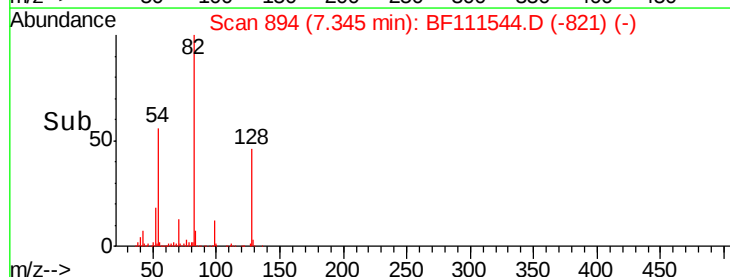
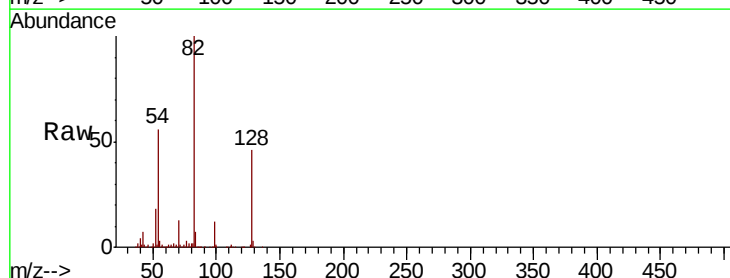
Ion Ratio Lower Upper

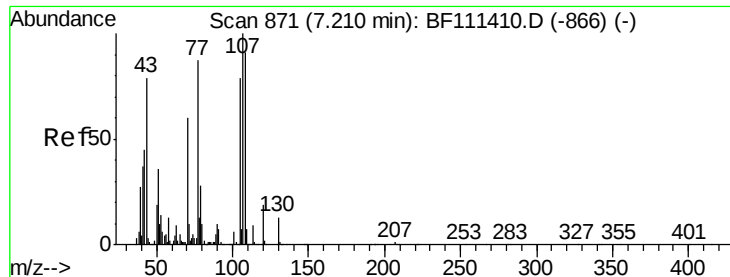
70 100

42 53.5 53.2 79.8

101 0.0 8.2 12.4#

130 2.5 18.1 27.1#





#20

3+4-Methylphenols

Concen: 4.423 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

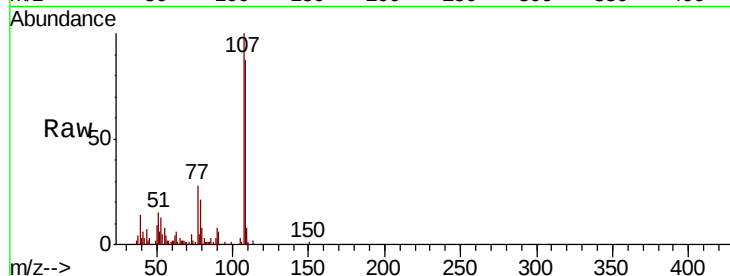
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	107	Resp:	60239
Ion	Ratio	Lower	Upper
107	100		
108	87.5	72.1	112.1
77	27.9	94.1	134.1#
79	20.6	9.8	49.8



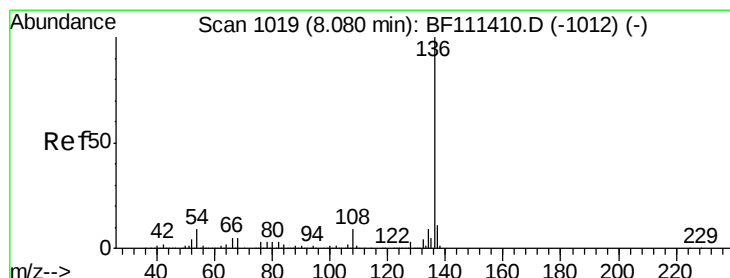
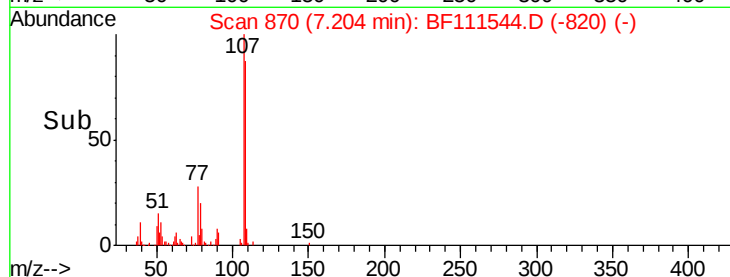
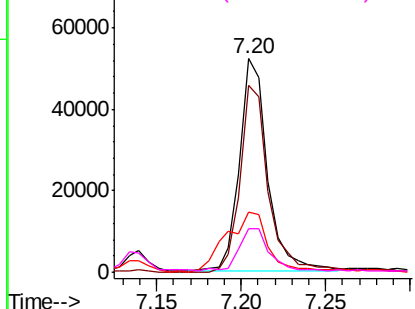
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

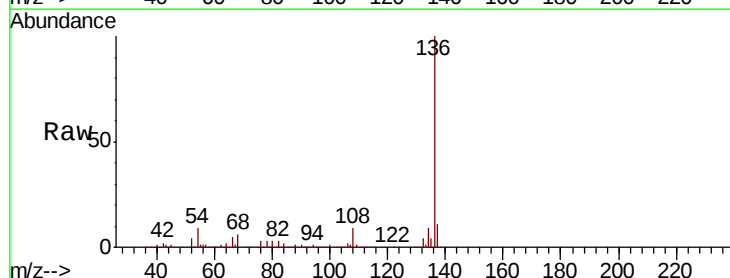
RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Tgt Ion:	136	Resp:	756044
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.1	7.7	11.5
68	5.7	4.9	7.3



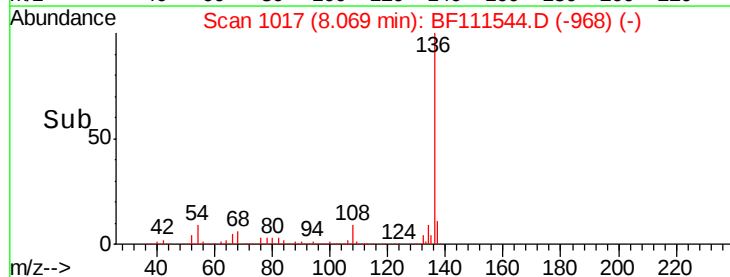
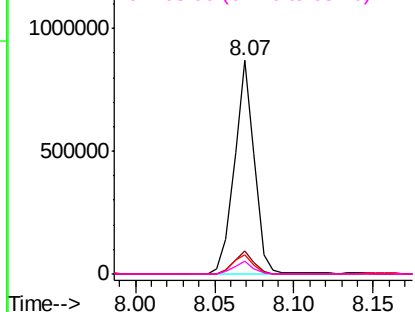
Abundance

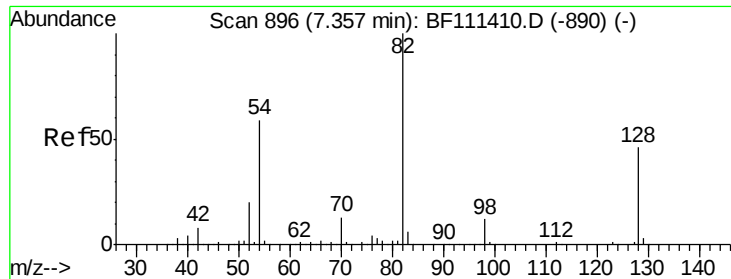
Ion 136.00 (135.70 to 136.70): E

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

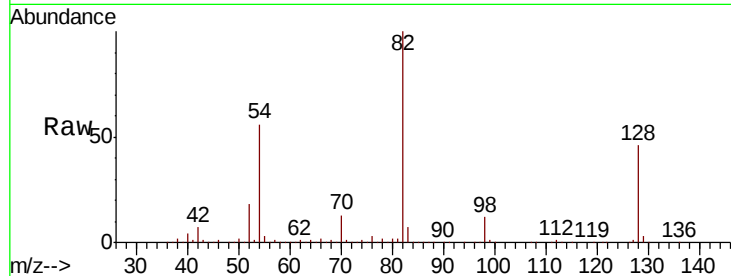




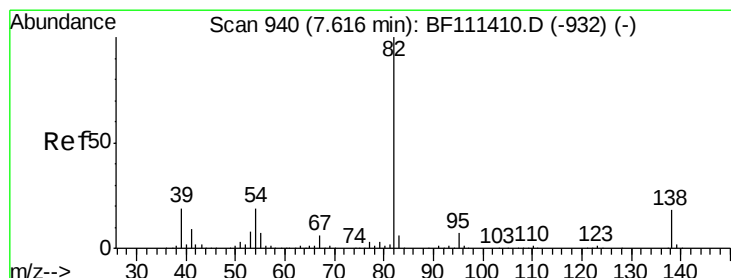
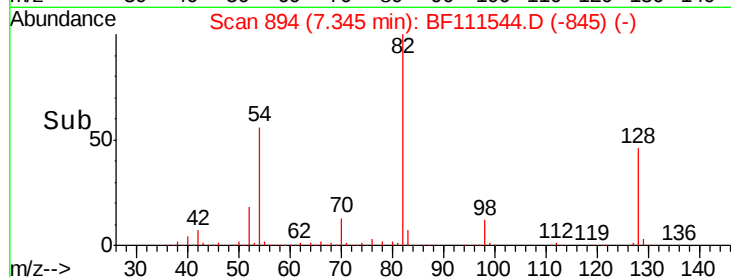
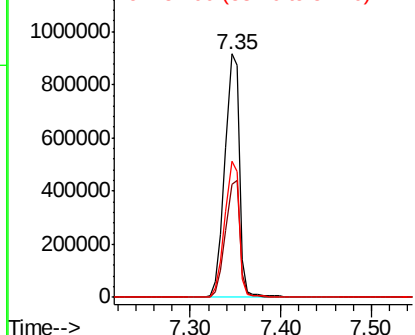
#23
 Nitrobenzene-d5
 Concen: 80.612 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF111544.D
 Acq: 17 Dec 2018 17:41

Instrument :
 BNA_F
 ClientSampleID :
 COMP-4

Tgt Ion: 82 Resp: 1023463
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.4 56.2
 54 55.7 47.6 71.4

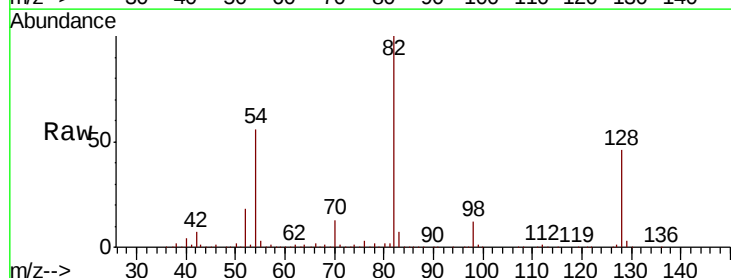


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

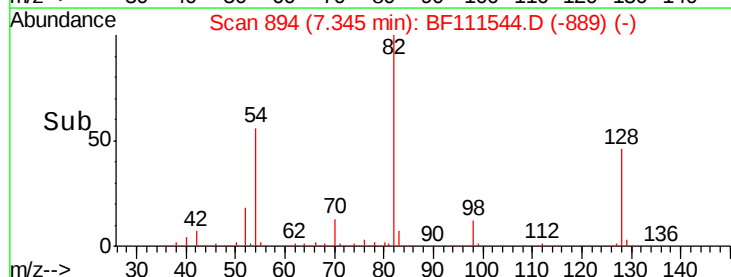
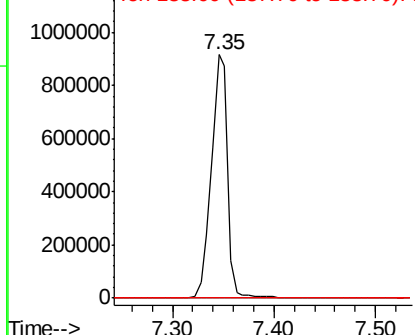


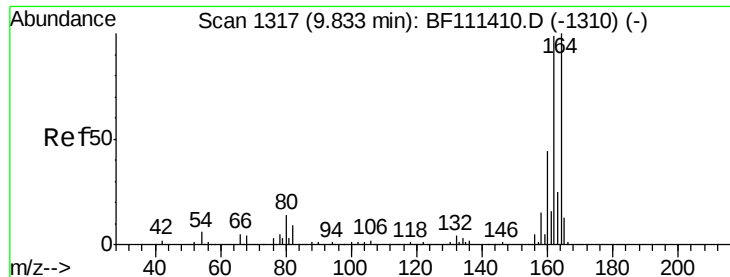
#25
 Isophorone
 Concen: 47.635 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.27 min
 Lab File: BF111544.D
 Acq: 17 Dec 2018 17:41

Tgt Ion: 82 Resp: 1023316
 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

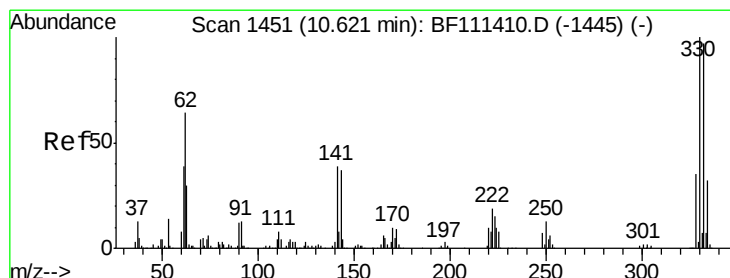
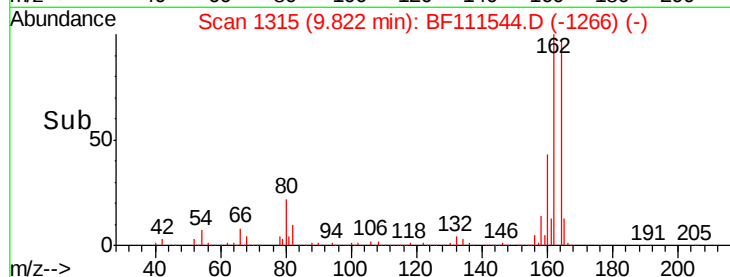
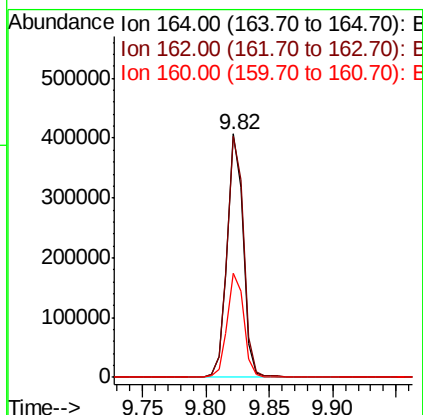
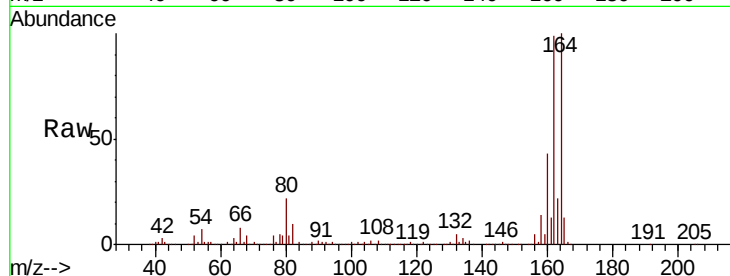




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

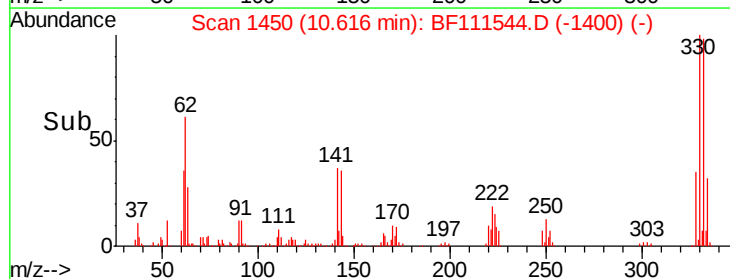
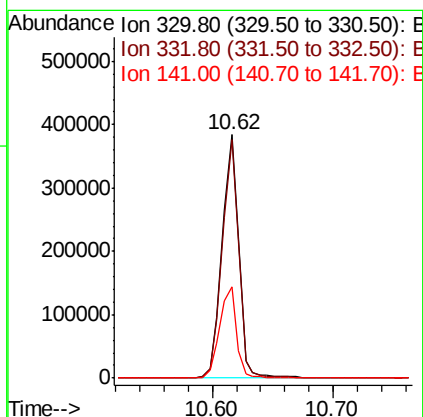
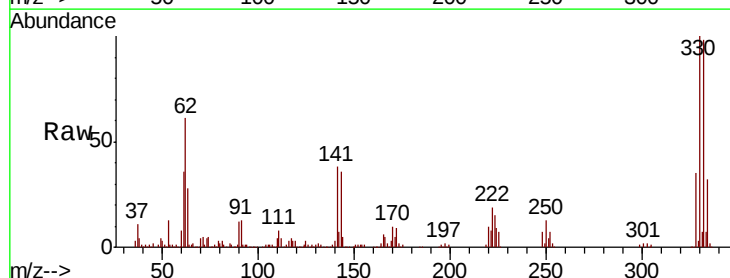
Instrument :
BNA_F
ClientSampleId :
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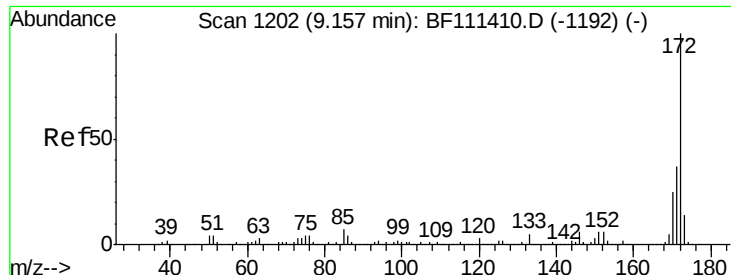
Tgt Ion:164 Resp: 358552
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 42.5 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 114.818 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Tgt Ion:330 Resp: 368779
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 38.2 31.0 46.6

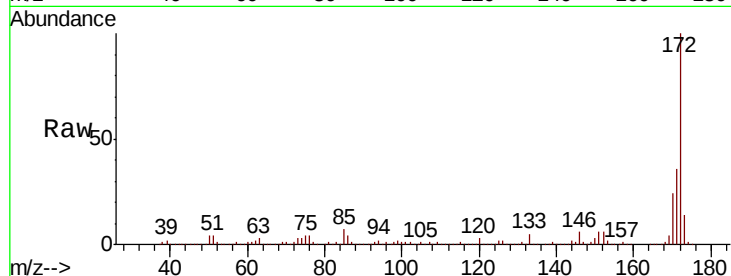




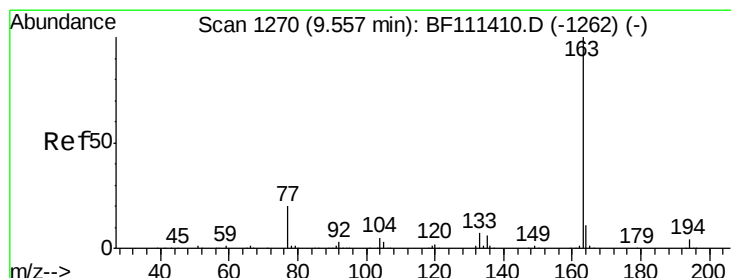
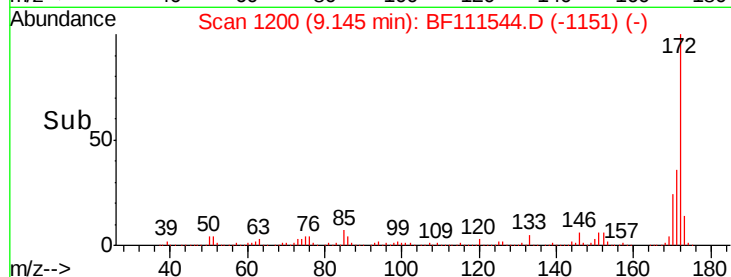
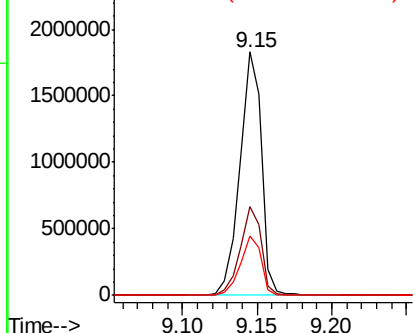
#45
2-Fluorobiphenyl
Concen: 79.609 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:172 Resp: 1847941
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 24.1 22.3 33.5

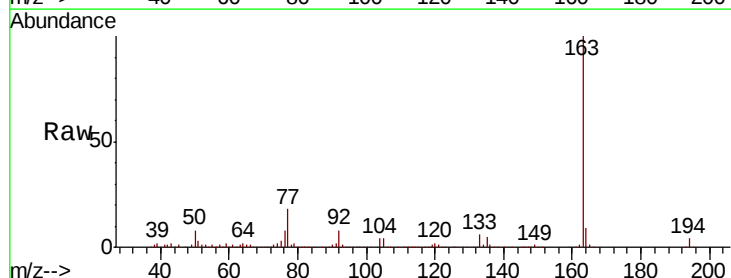


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

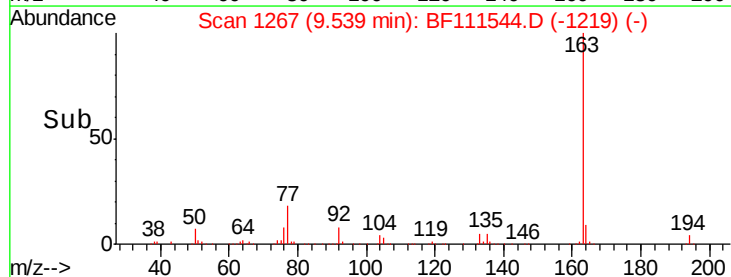
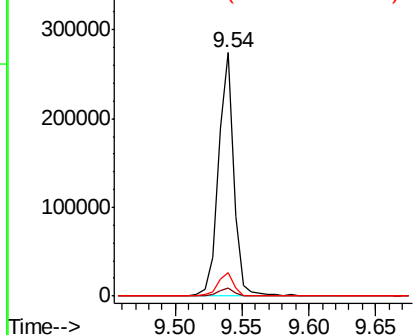


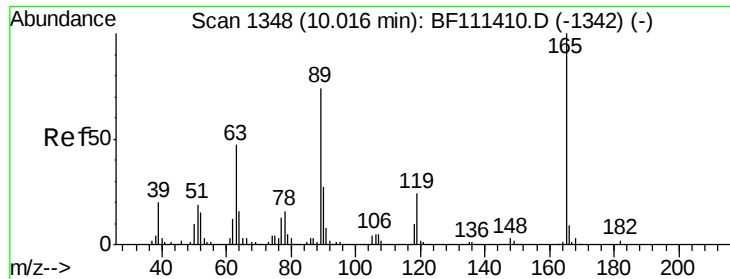
#50
Dimethylphthalate
Concen: 8.668 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Tgt Ion:163 Resp: 223835
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.5 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
300000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

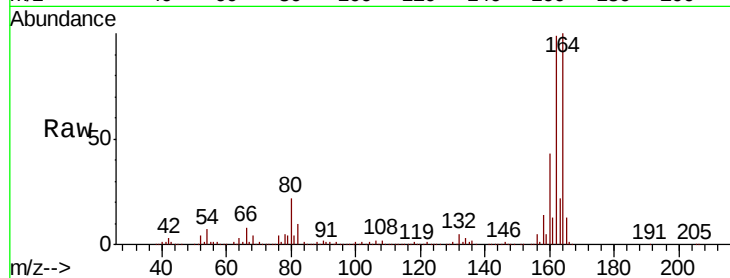




#57
 2,4-Dinitrotoluene
 Concen: 6.130 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF111544.D
 Acq: 17 Dec 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#



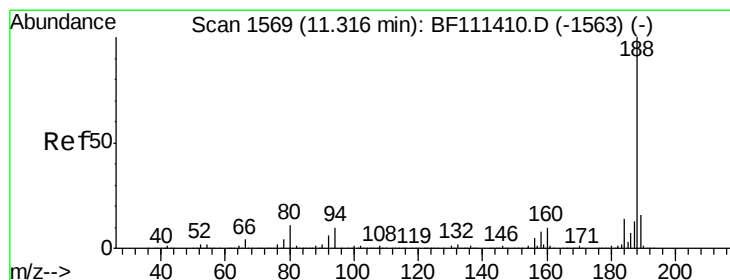
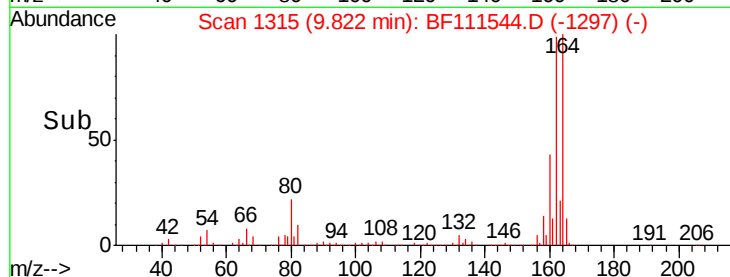
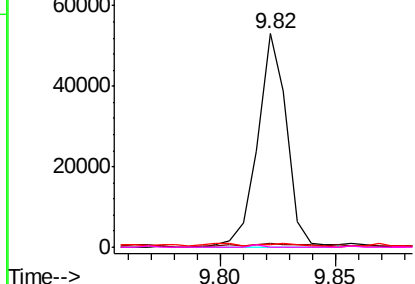
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

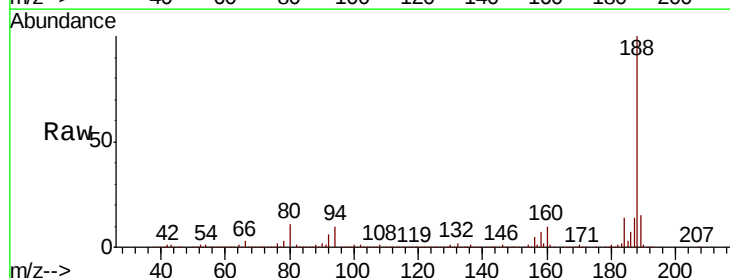
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111544.D
 Acq: 17 Dec 2018 17:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.6	14.4
80	10.7	9.8	14.6

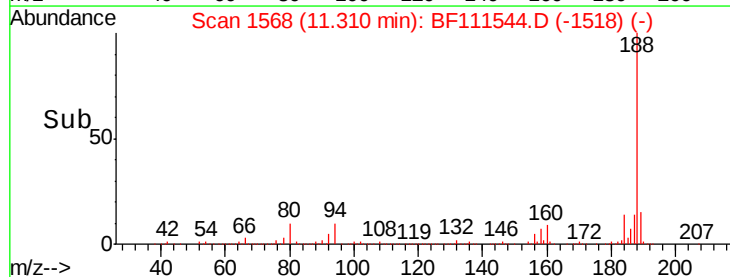
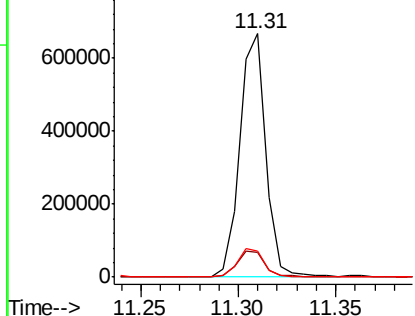


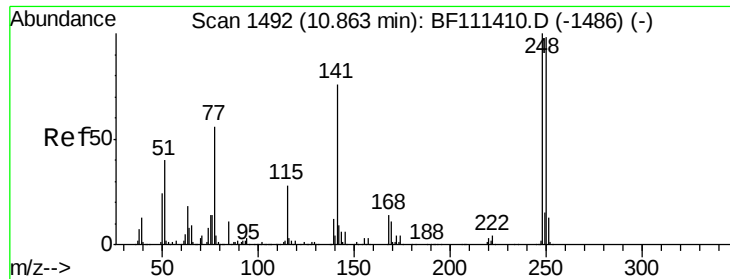
Abundance

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

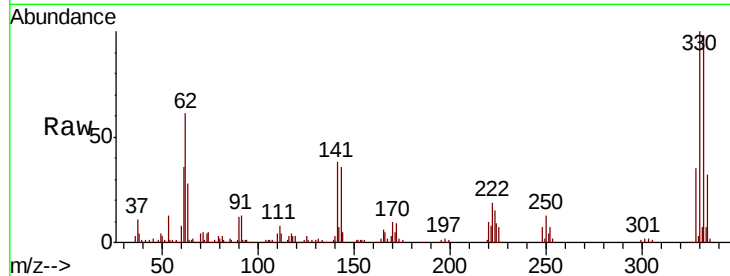




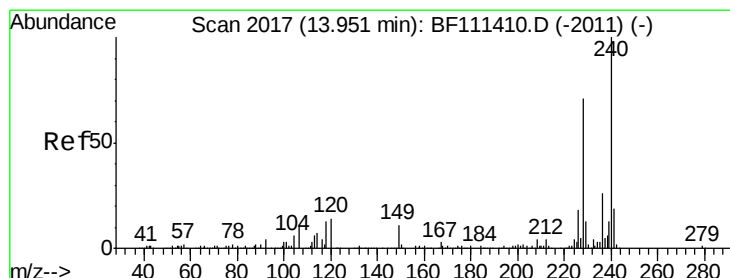
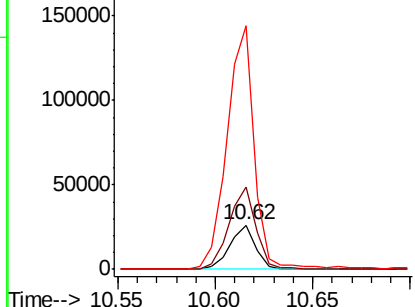
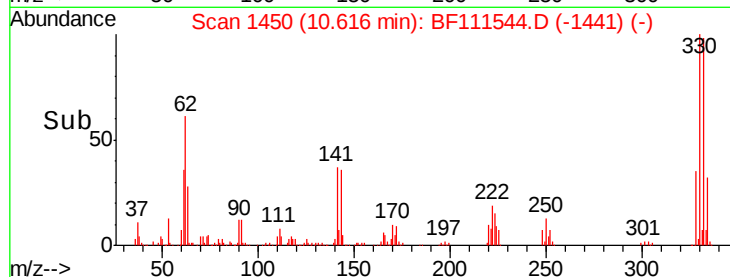
#67
4-Bromophenyl-phenylether
Concen: 3.556 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:248 Resp: 23622
Ion Ratio Lower Upper
248 100
250 187.6 77.0 115.4#
141 551.2 63.0 94.6#

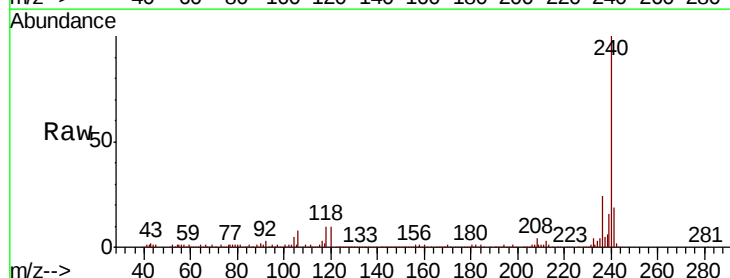


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

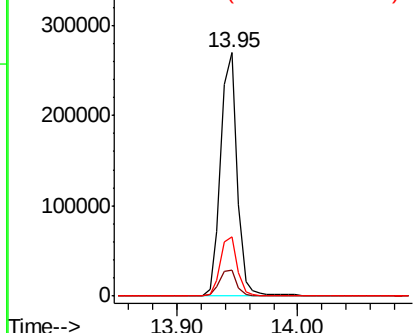
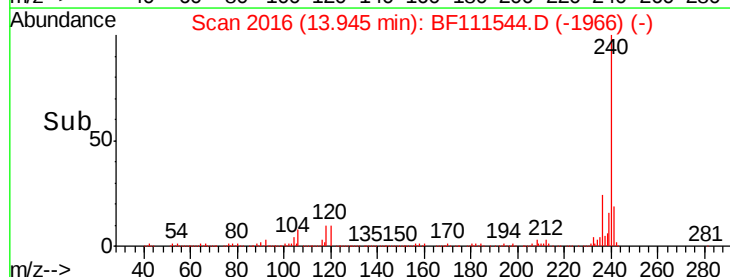


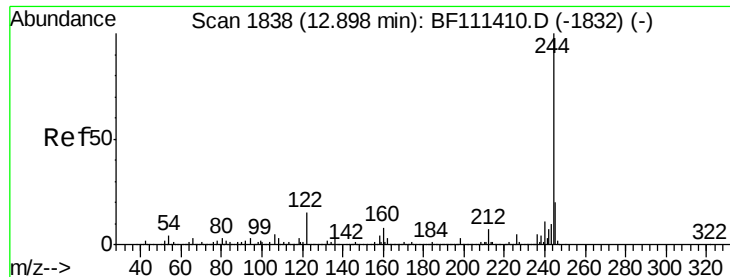
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111544.D
Acq: 17 Dec 2018 17:41

Tgt Ion:240 Resp: 255143
Ion Ratio Lower Upper
240 100
120 10.5 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: 117.463 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Instrument :

BNA_F

ClientSampleId :

COMP-4

Tgt Ion:244 Resp: 1276271

Ion Ratio Lower Upper

244 100

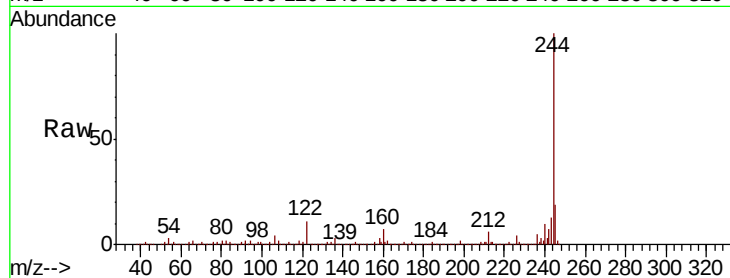
212 6.3

122 11.2

5.7

8.5

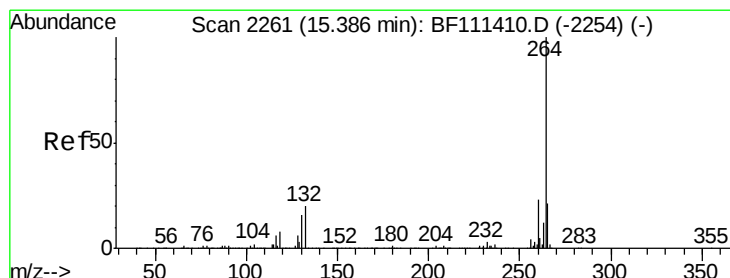
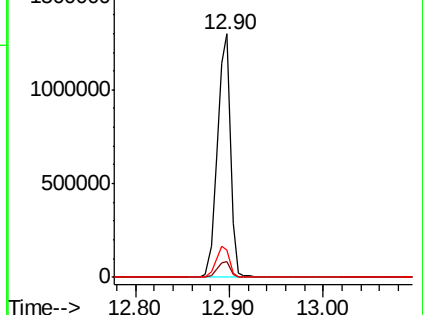
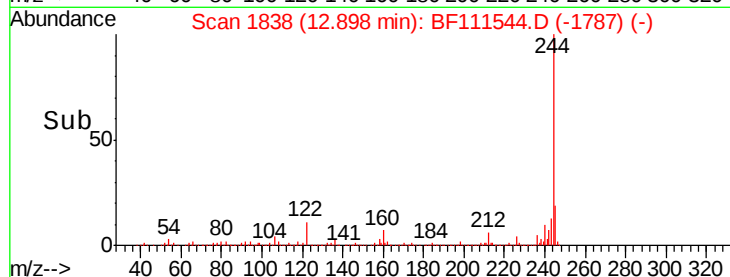
13.1 19.7#



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111544.D

Acq: 17 Dec 2018 17:41

Tgt Ion:264 Resp: 233805

Ion Ratio Lower Upper

264 100

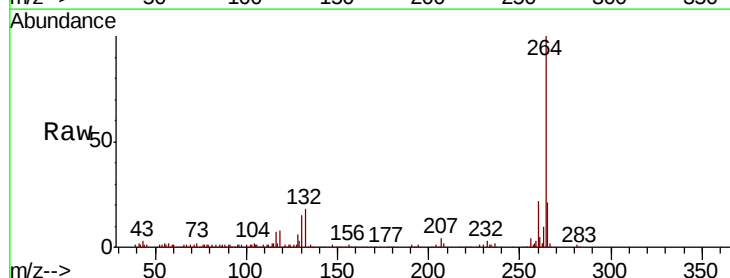
260 21.7

265 21.1

18.3

27.5

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

