

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111532.D
 Acq On : 17 Dec 2018 11:52
 Operator : JU/SJ
 Sample : J6386-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0612-01

Quant Time: Dec 18 04:07:26 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	140121	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	543478	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	230373	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	331663	20.00	ng	0.00
76) Chrysene-d12	13.94	240	287569	20.00	ng	0.00
87) Perylene-d12	15.39	264	288204	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1172982	139.30	ng	0.01
7) Phenol-d6	6.45	99	1469711	131.22	ng	0.00
23) Nitrobenzene-d5	7.35	82	918065	100.59	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	220006	106.61	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1564538	104.90	ng	0.00
79) Terphenyl-d14	12.90	244	1027913	83.94	ng	0.00

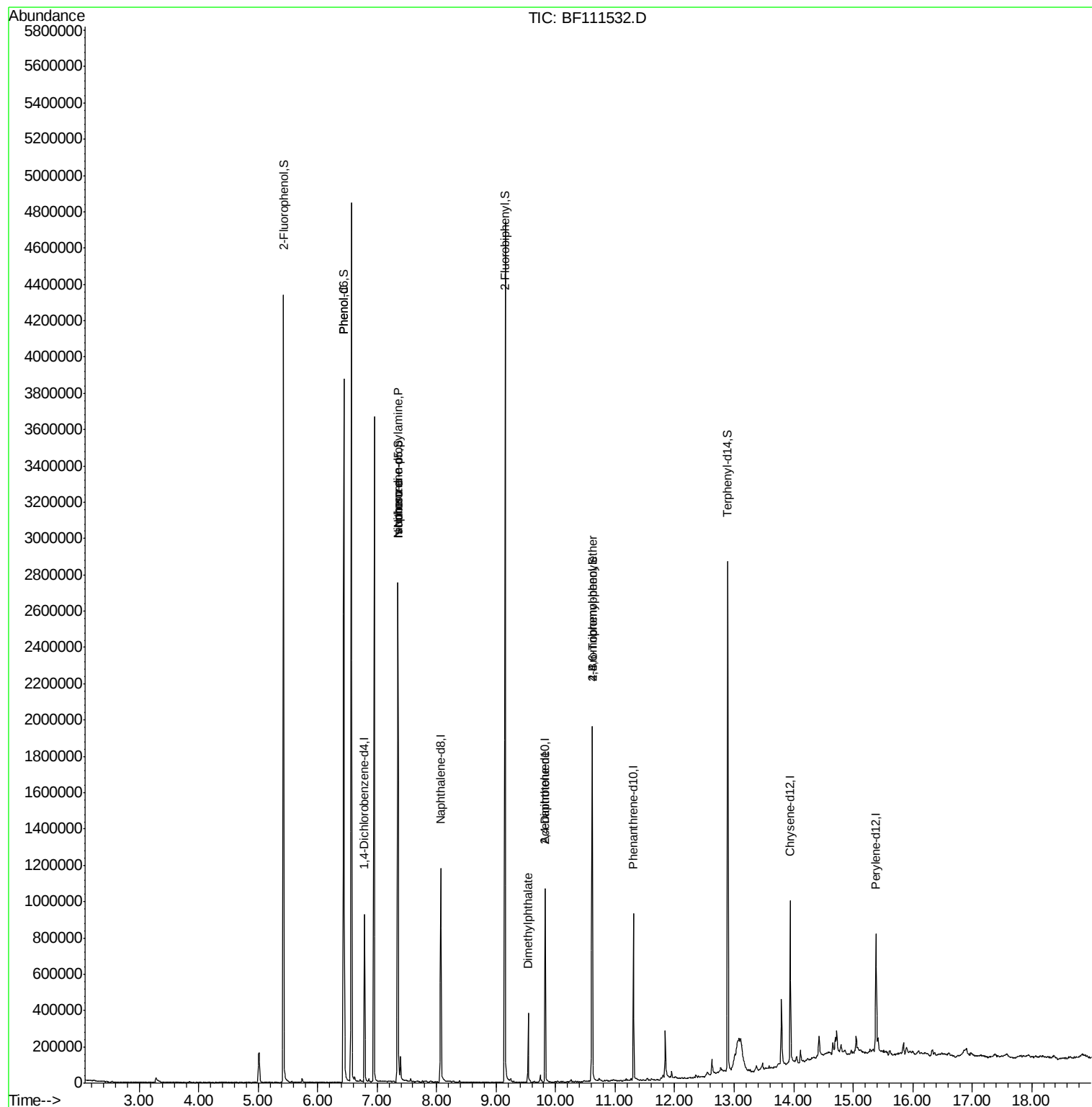
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	83769	6.714	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	120933	16.365	ng	# 81
25) Isophorone	7.35	82	918051	59.450	ng	# 64
50) Dimethylphthalate	9.54	163	140827	8.488	ng	# 96
57) 2,4-Dinitrotoluene	9.82	165	28719	5.859	ng	# 23
67) 4-Bromophenyl-phenylether	10.62	248	13975	3.909	ng	# 1

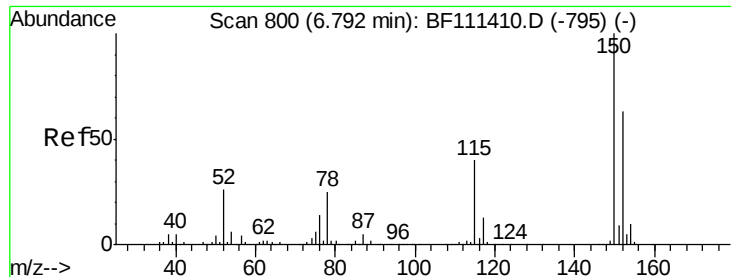
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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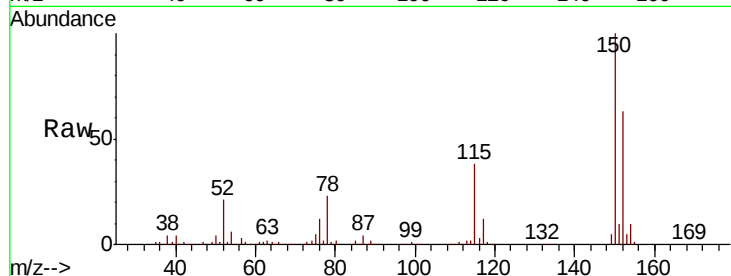


#1

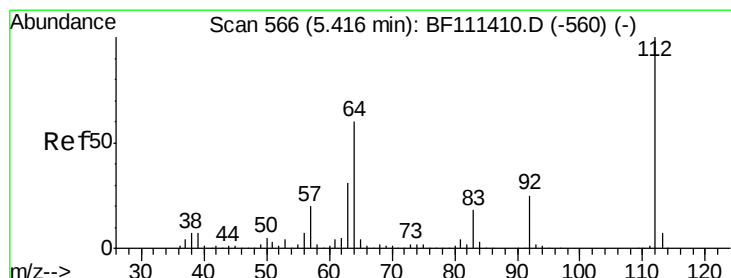
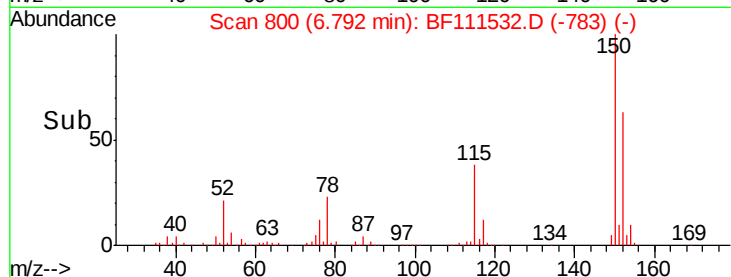
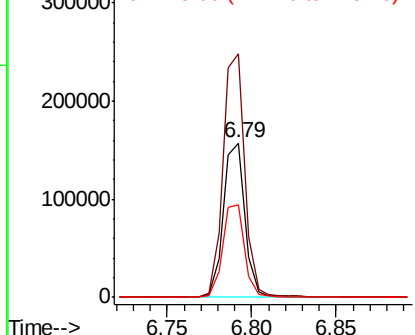
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:152 Resp: 140121
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 59.7 50.7 76.1



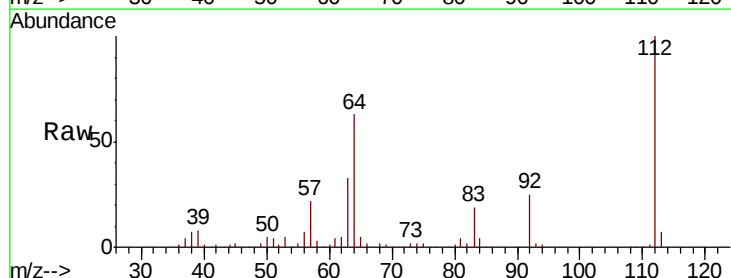
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



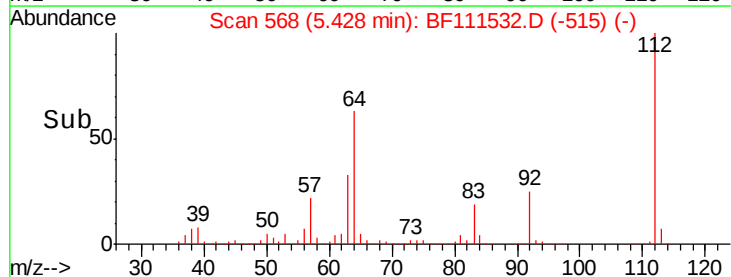
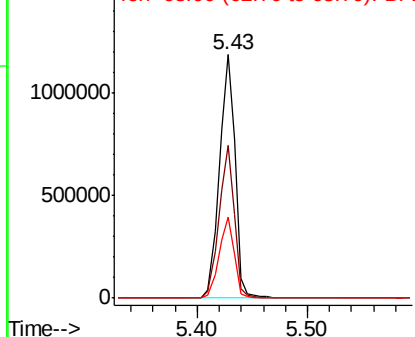
#5

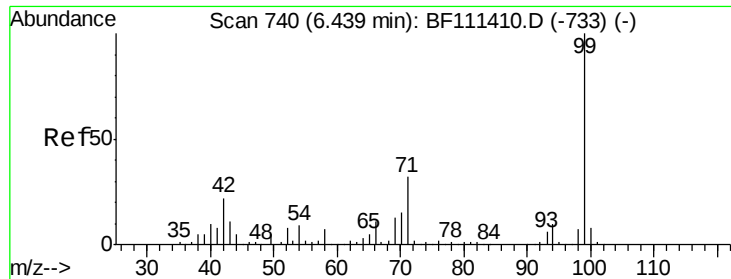
2-Fluorophenol
Concen: 139.302 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:112 Resp: 1172982
Ion Ratio Lower Upper
112 100
64 62.5 51.8 77.6
63 33.5 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: 131.217 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111532.D

Acq: 17 Dec 2018 11:52

Instrument :

BNA_F

ClientSampleId :

P001-SS005-0612-01

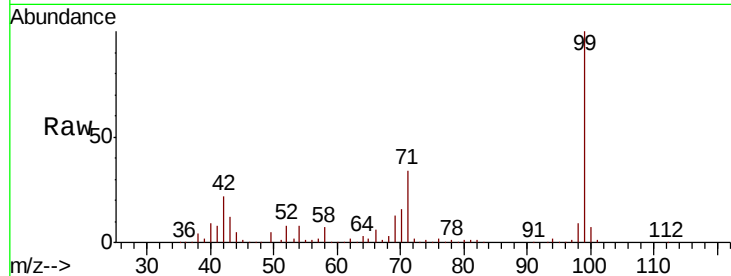
Tgt Ion: 99 Resp: 1469711

Ion Ratio Lower Upper

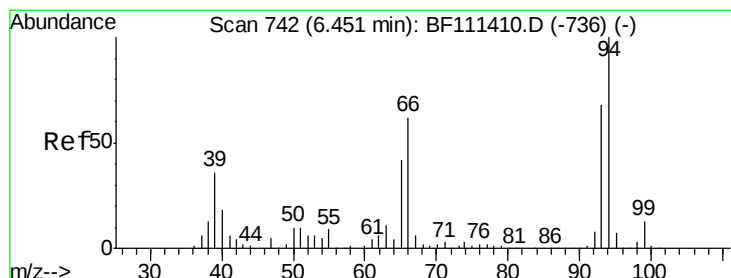
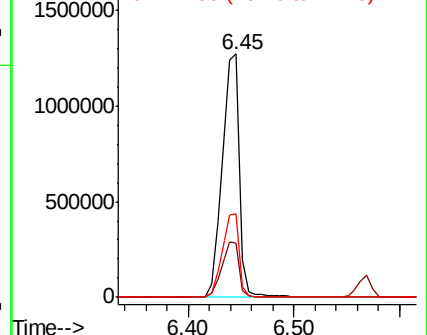
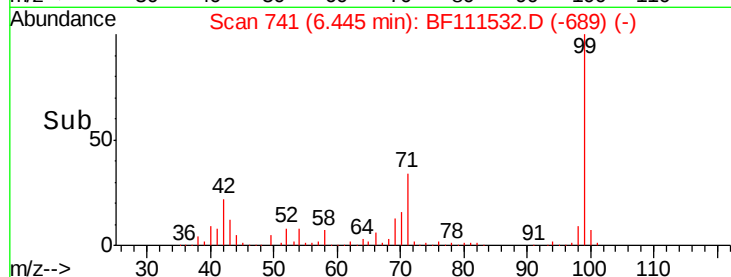
99 100

42 22.1 17.4 26.0

71 34.1 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: 6.714 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111532.D

Acq: 17 Dec 2018 11:52

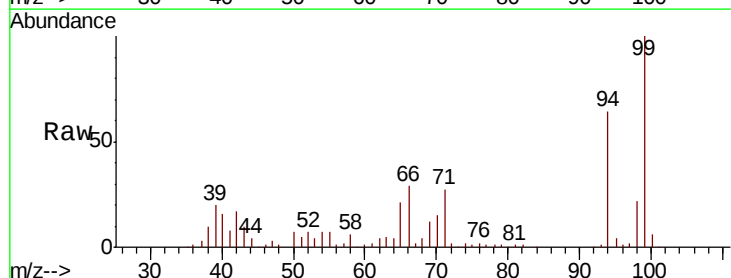
Tgt Ion: 94 Resp: 83769

Ion Ratio Lower Upper

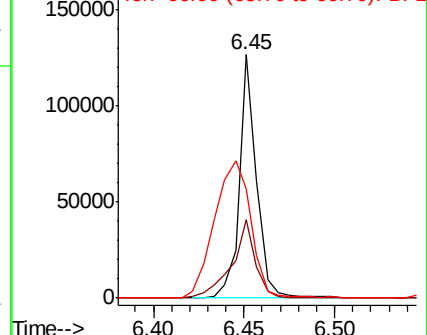
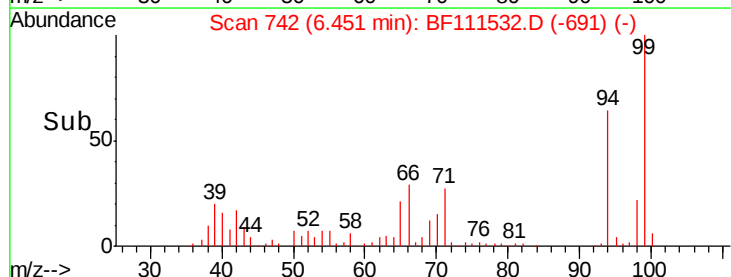
94 100

65 32.2 11.7 51.7

66 45.1 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

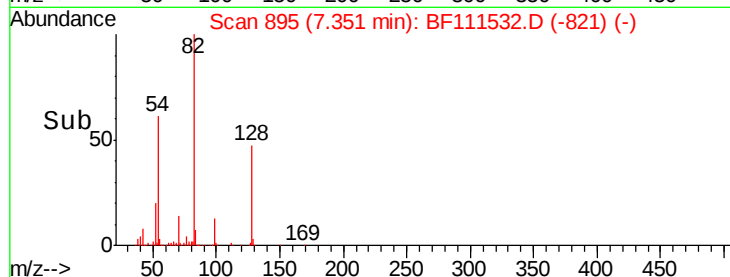
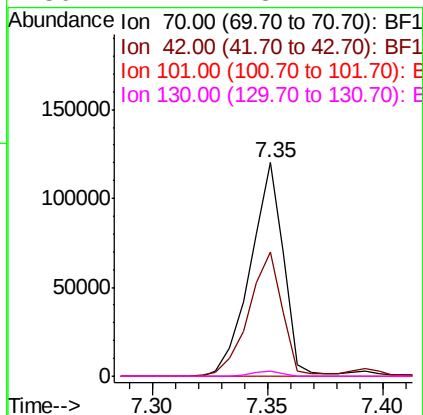
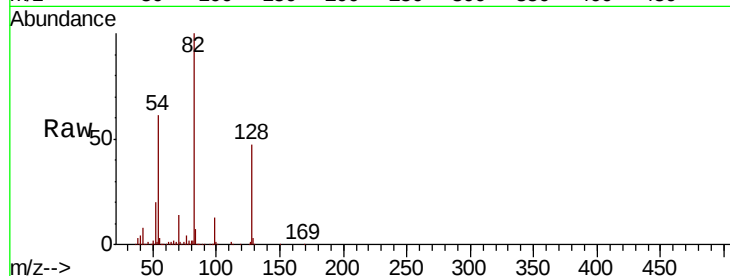




#19
n-Nitroso-di-n-propylamine
Concen: 16.365 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

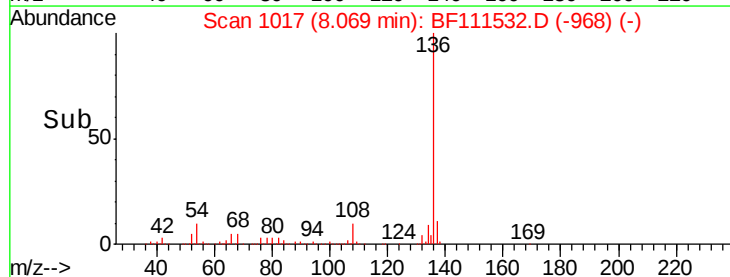
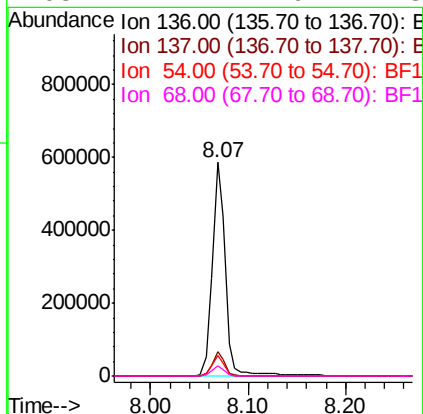
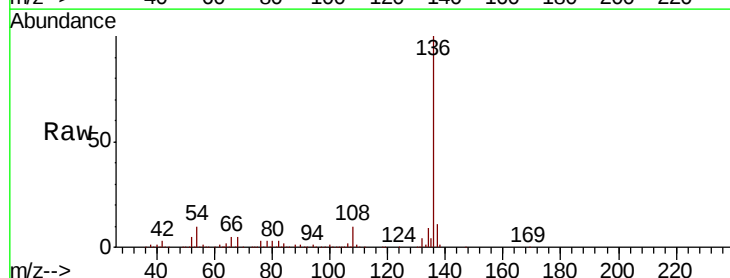
Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

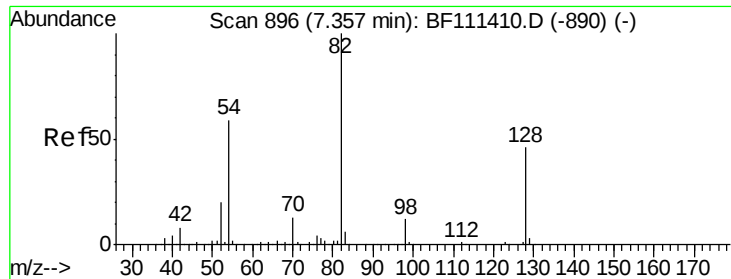
Tgt Ion:	70	Resp:	120933
Ion	Ratio	Lower	Upper
70	100		
42	58.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:	136	Resp:	543478
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.6	7.7	11.5
68	4.7	4.9	7.3#

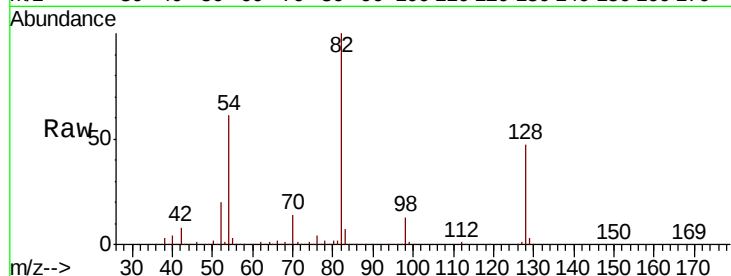




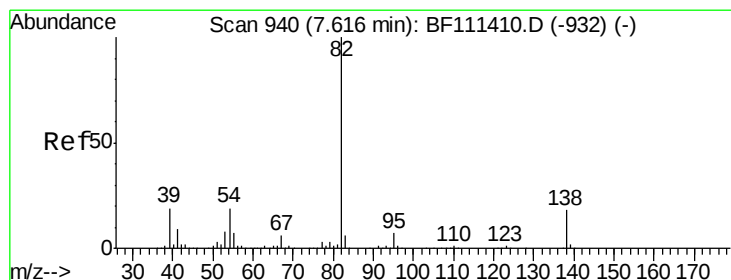
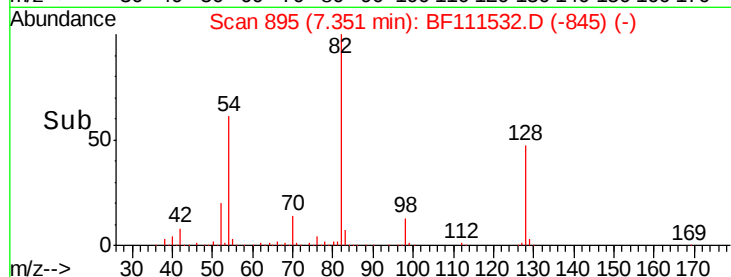
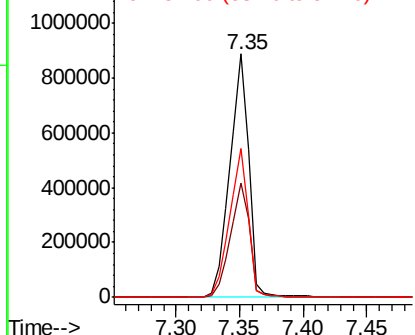
#23
Nitrobenzene-d5
Concen: 100.592 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	60.9	47.6	71.4

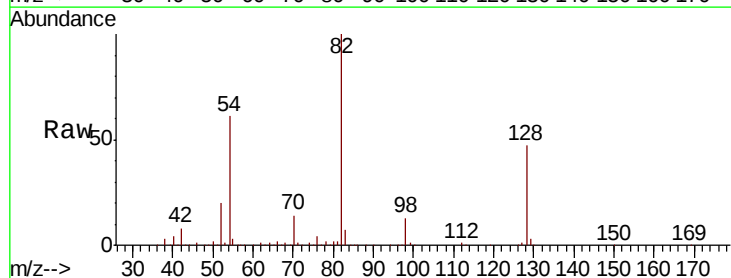


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

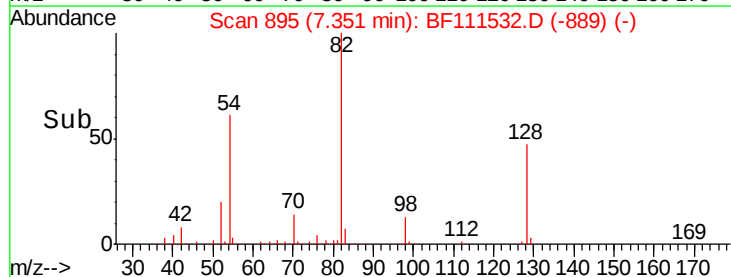
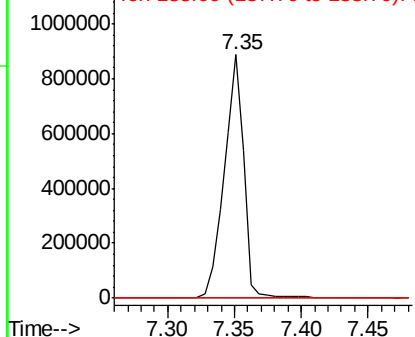


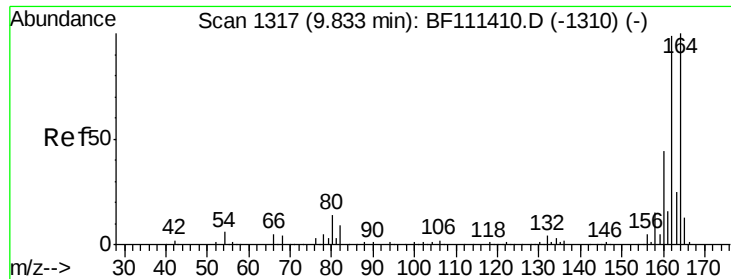
#25
Isophorone
Concen: 59.450 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

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



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111532.D

Acq: 17 Dec 2018 11:52

Instrument :

BNA_F

ClientSampleId :

P001-SS005-0612-01

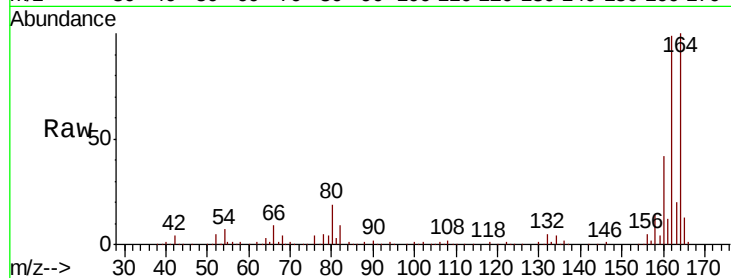
Tgt Ion:164 Resp: 230373

Ion Ratio Lower Upper

164 100

162 99.0 81.4 122.0

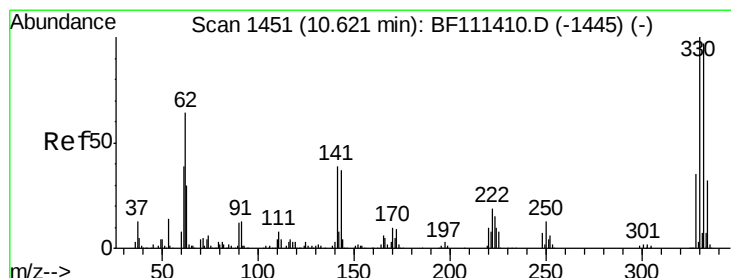
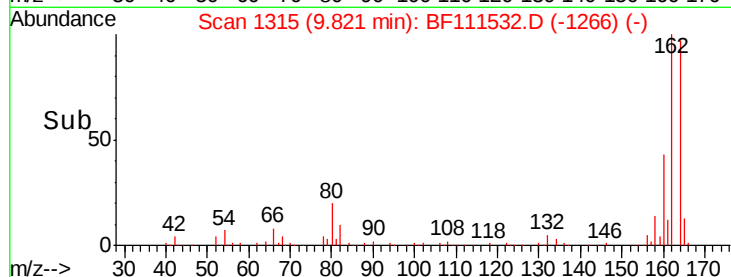
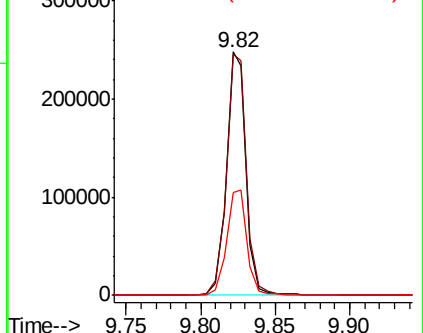
160 42.1 35.7 53.5



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: 106.610 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111532.D

Acq: 17 Dec 2018 11:52

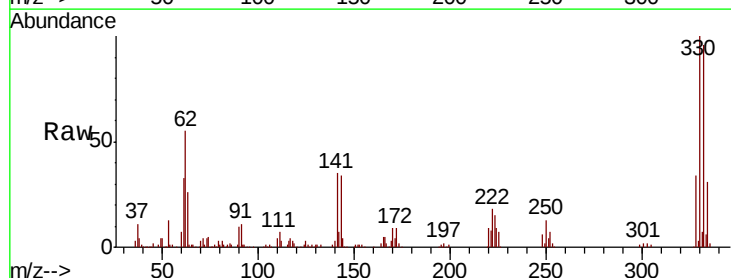
Tgt Ion:330 Resp: 220006

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

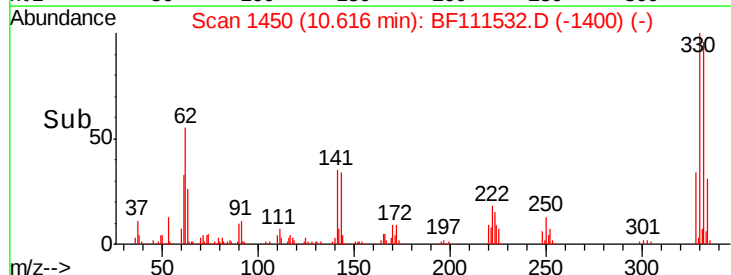
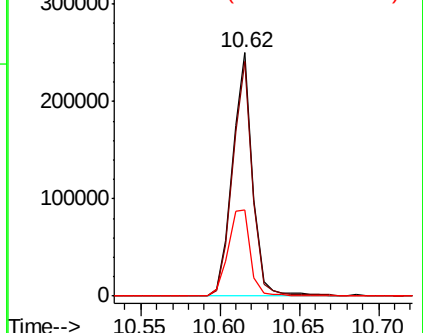
141 40.0 31.0 46.6

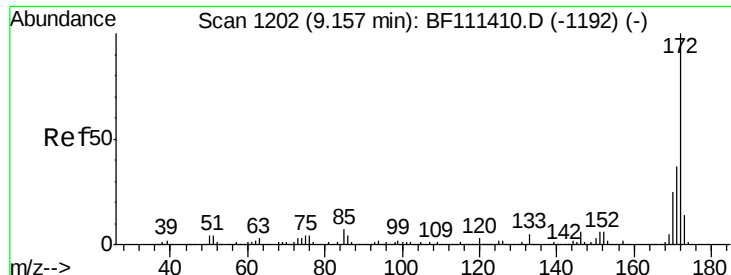


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

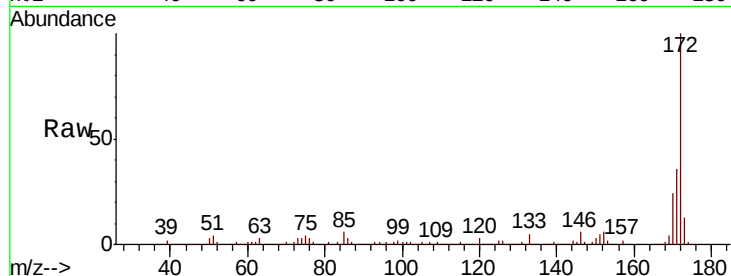




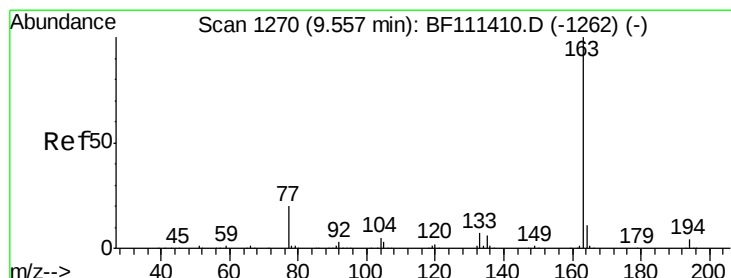
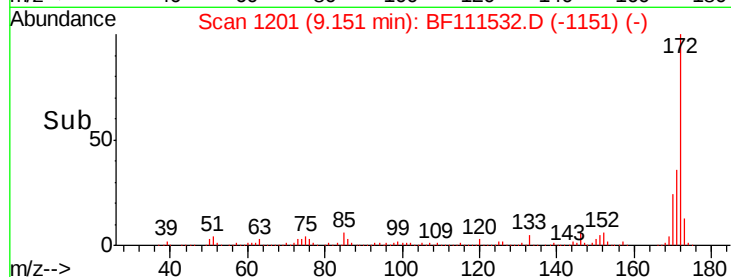
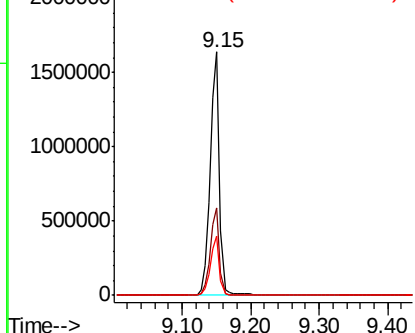
#45
2-Fluorobiphenyl
Concen: 104.901 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
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ClientSampleId :
P001-SS005-0612-01

Tgt Ion:172 Resp: 1564538
Ion Ratio Lower Upper
172 100
171 36.2 33.0 49.4
170 24.2 22.3 33.5

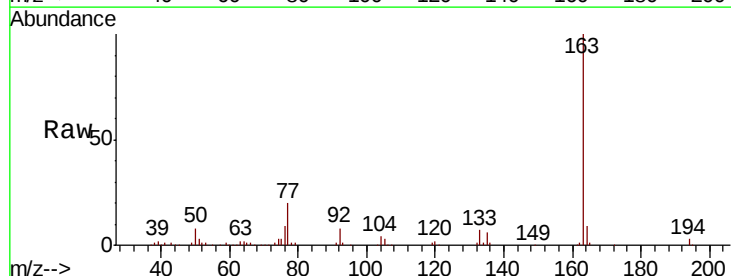


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

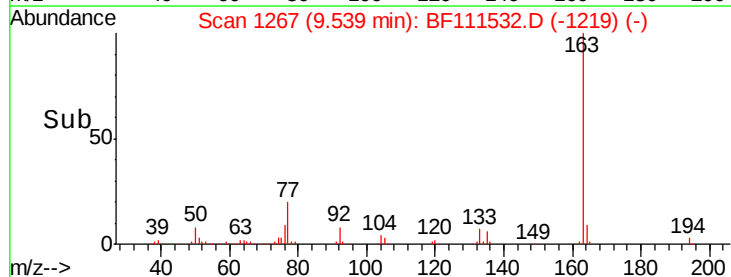
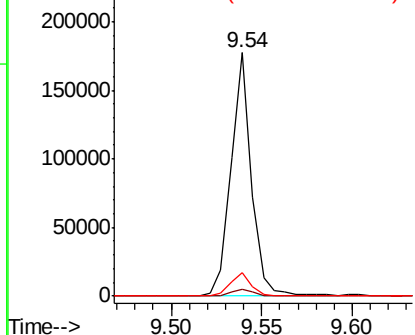


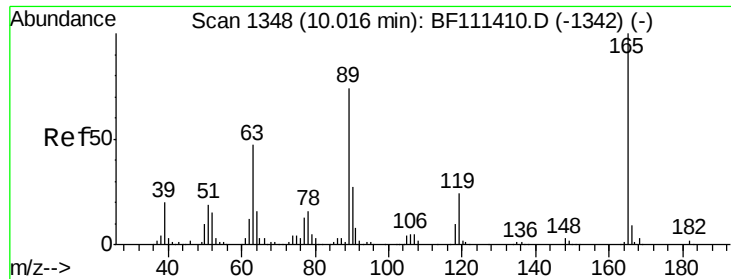
#50
Dimethylphthalate
Concen: 8.488 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:163 Resp: 140827
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.6#
164 9.4 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

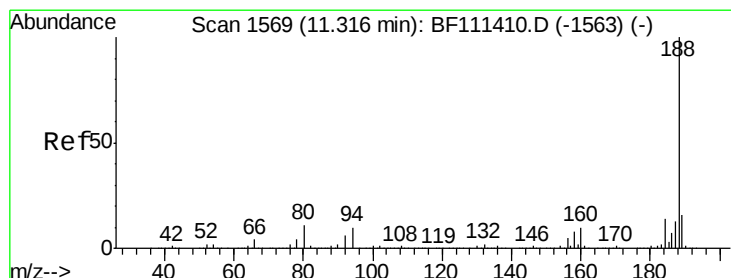
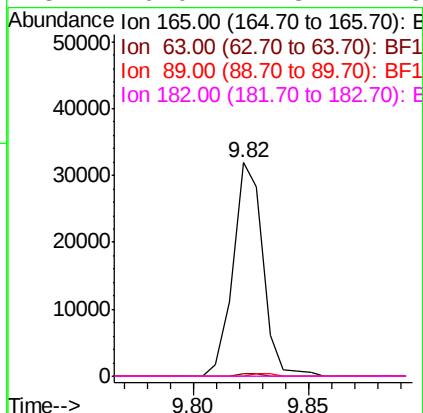
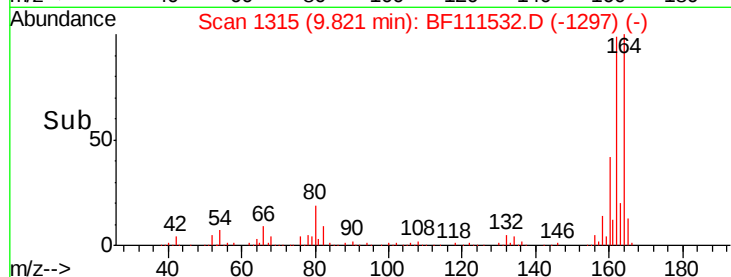
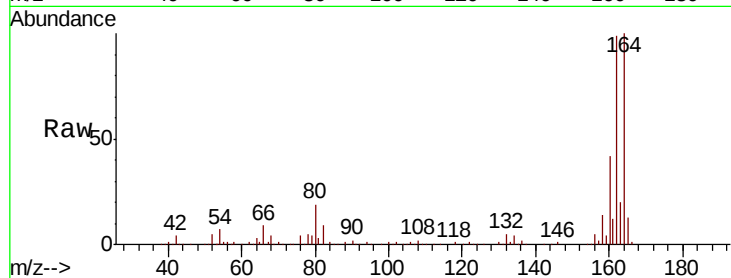




#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

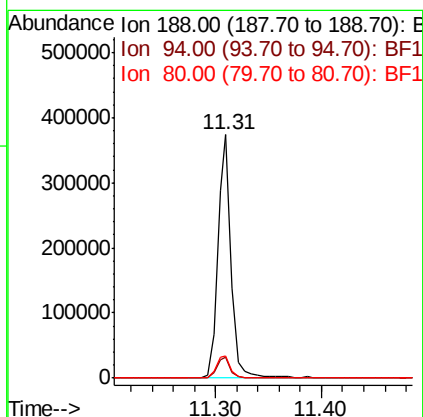
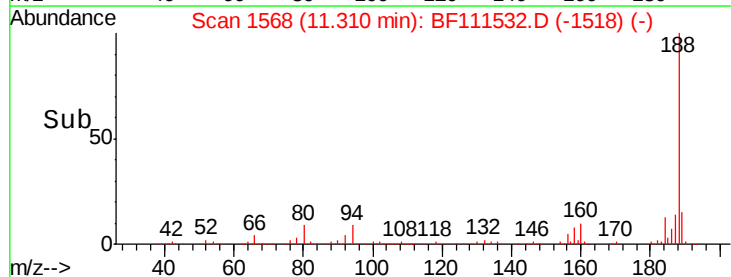
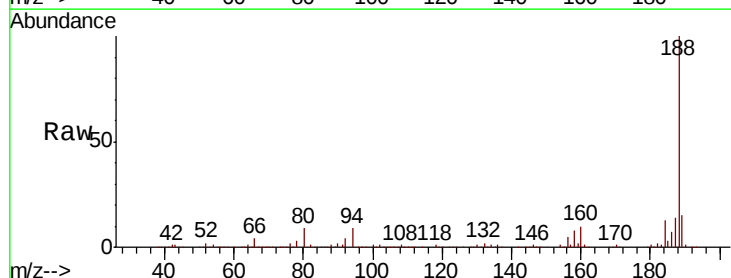
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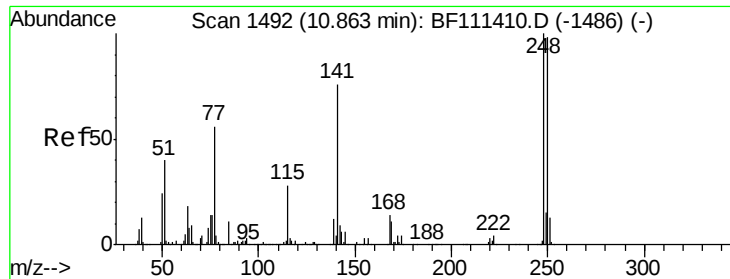
Tgt Ion:	165	Resp:	28719
Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	0.0	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:	188	Resp:	331663
Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	9.0	9.8	14.6#

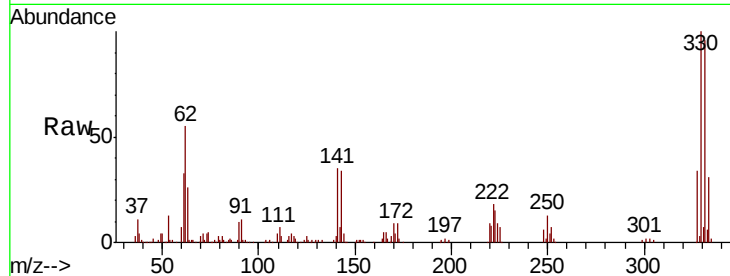




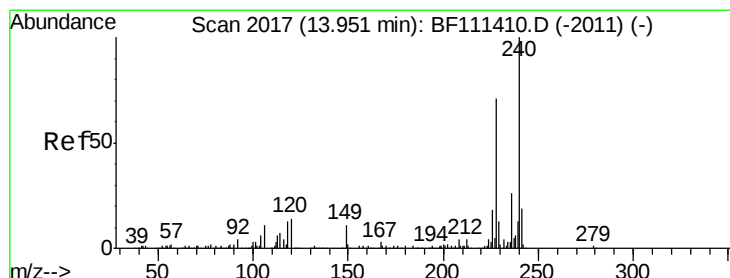
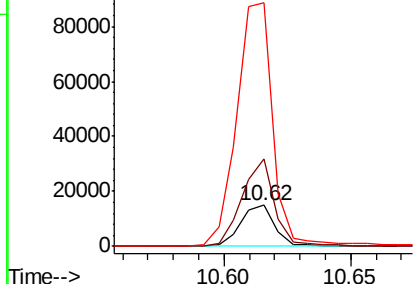
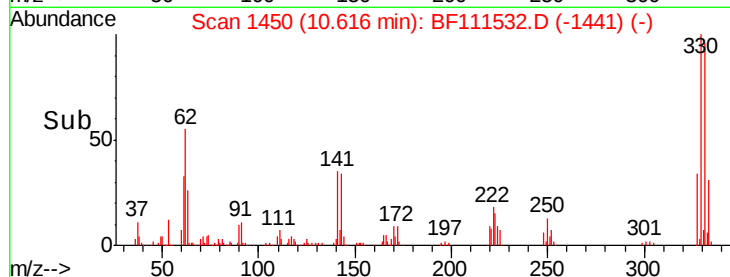
#67
4-Bromophenyl-phenylether
Concen: 3.909 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:248 Resp: 13975
Ion Ratio Lower Upper
248 100
250 215.2 77.0 115.4#
141 595.0 63.0 94.6#

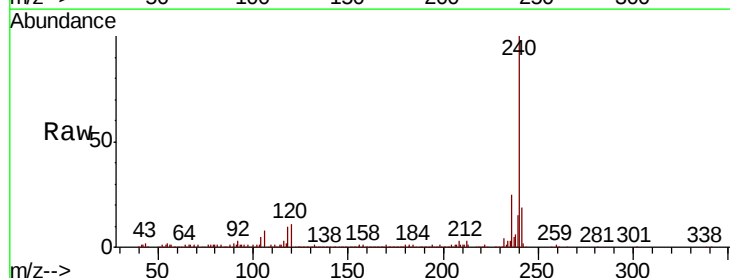


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

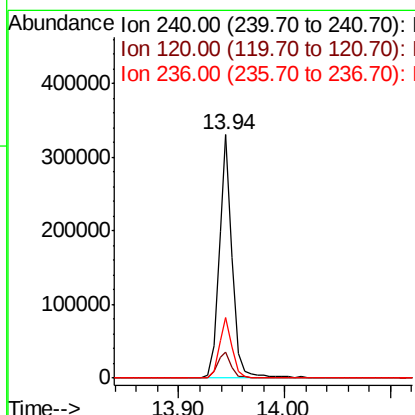
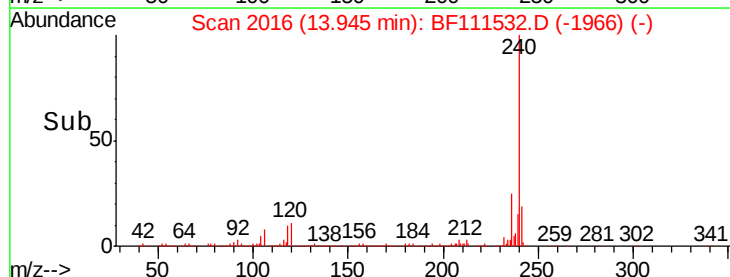


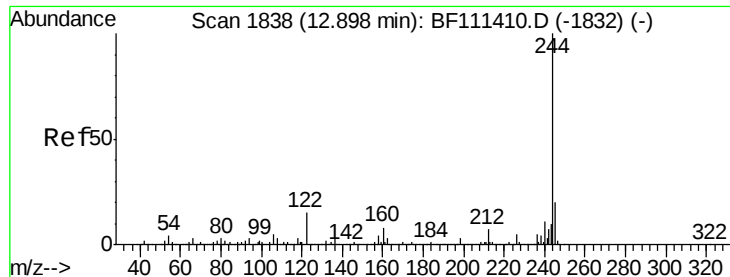
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:240 Resp: 287569
Ion Ratio Lower Upper
240 100
120 10.9 12.2 18.2#
236 24.7 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: 83.938 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111532.D

Acq: 17 Dec 2018 11:52

Instrument :

BNA_F

ClientSampleId :

P001-SS005-0612-01

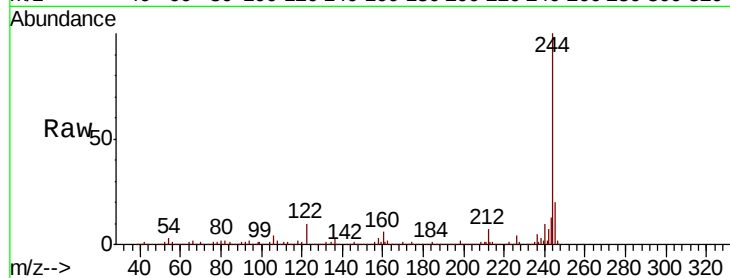
Tgt Ion:244 Resp: 1027913

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

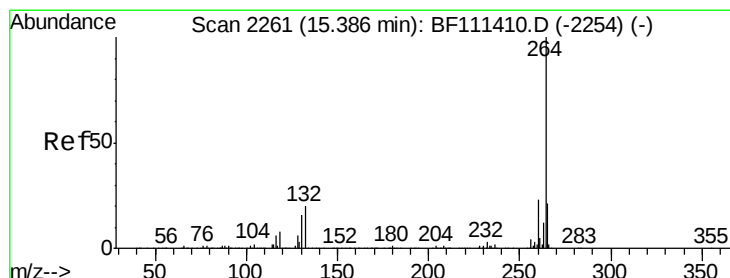
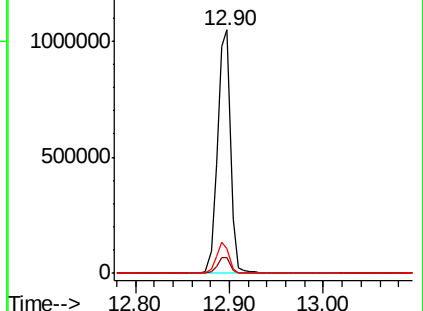
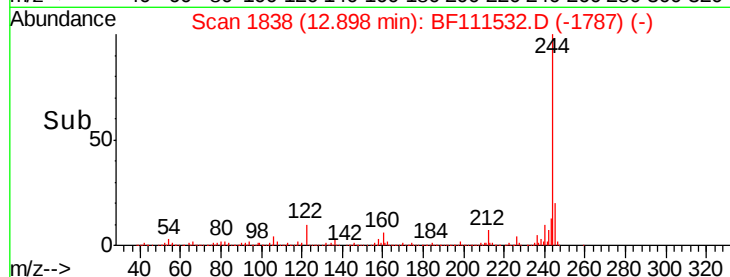
122 10.3 13.1 19.7#



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: BF111532.D

Acq: 17 Dec 2018 11:52

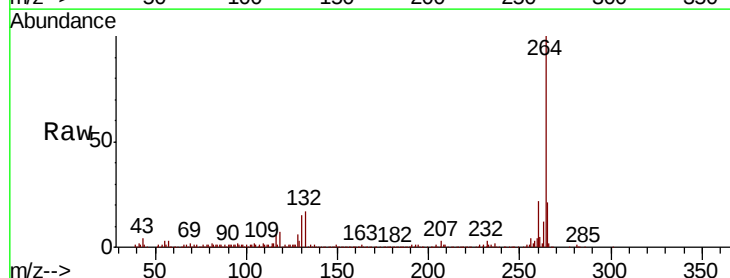
Tgt Ion:264 Resp: 288204

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 20.8 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

