

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092257.D
 Acq On : 13 Jan 2017 22:24
 Operator : UM/SJ
 Sample : I1182-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-78-80

Quant Time: Jan 16 02:36:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

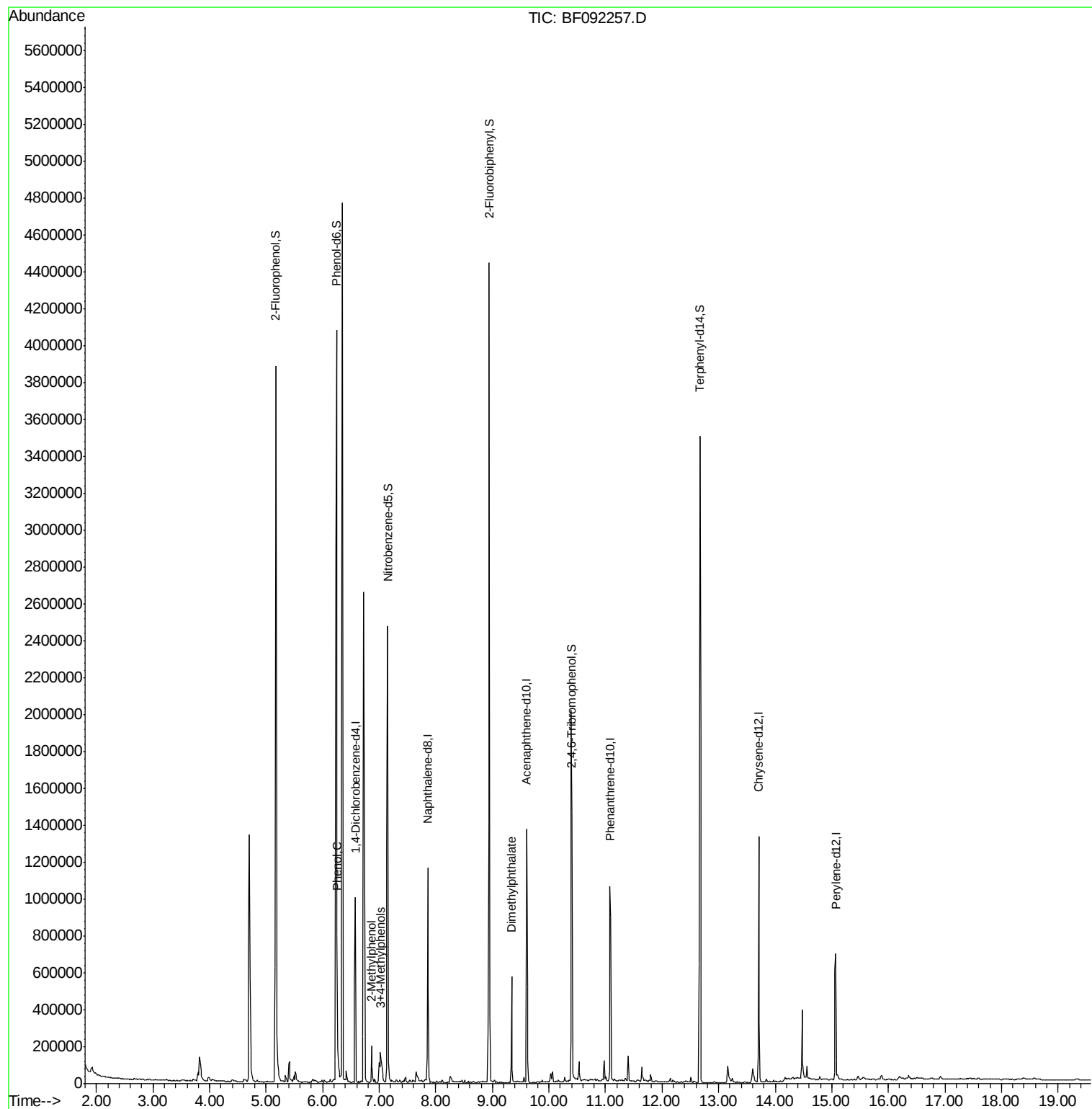
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	174946	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	629732	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	333328	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	559406	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	453464	20.00	ng	-0.02
86) Perylene-d12	15.07	264	367941	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1172020	111.86	ng	0.00
7) Phenol-d6	6.24	99	1823164	142.52	ng	-0.01
23) Nitrobenzene-d5	7.15	82	957762	84.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	352773	127.88	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1471936	91.46	ng	-0.01
78) Terphenyl-d14	12.67	244	1422349	76.07	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	240177	16.48	ng	# 64
17) 2-Methylphenol	6.86	107	39668	4.14	ng	96
20) 3+4-Methylphenols	7.02	107	58261	5.10	ng	# 68
49) Dimethylphthalate	9.34	163	230424	10.81	ng	99

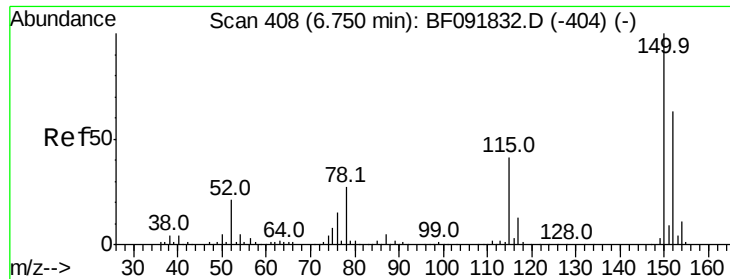
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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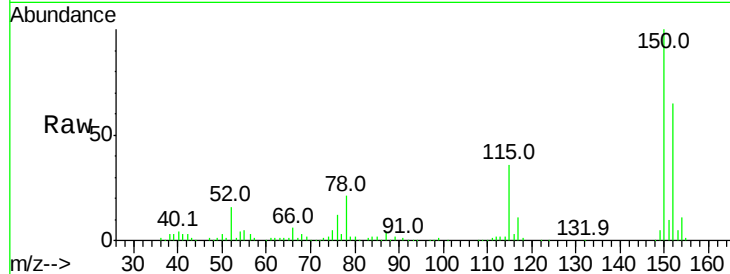


#1

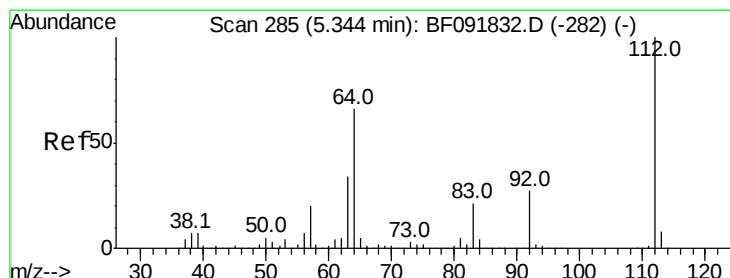
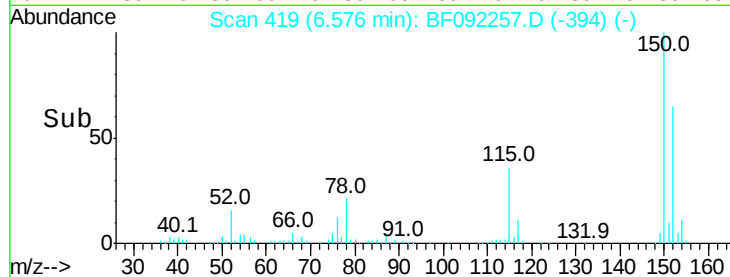
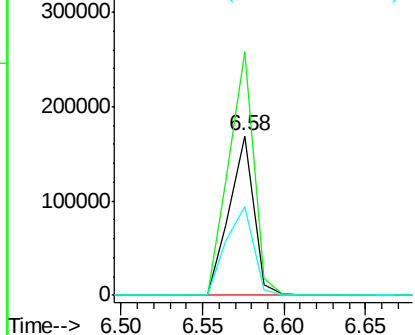
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tot Ion:152 Resp: 174946
Ion Ratio Lower Upper
152 100
150 152.9 124.9 187.3
115 55.4 46.0 69.0



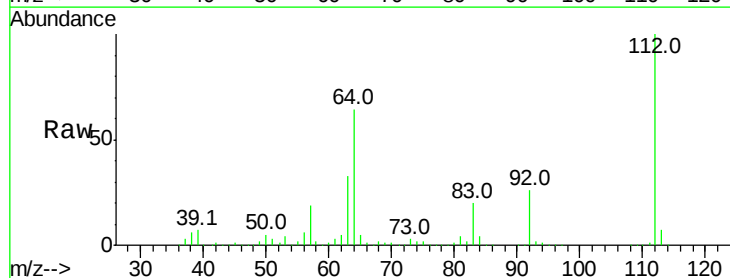
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



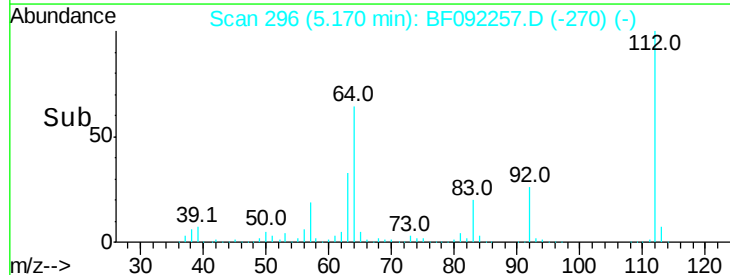
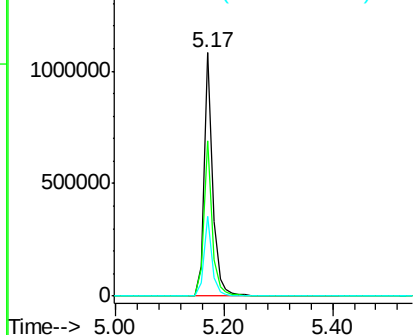
#5

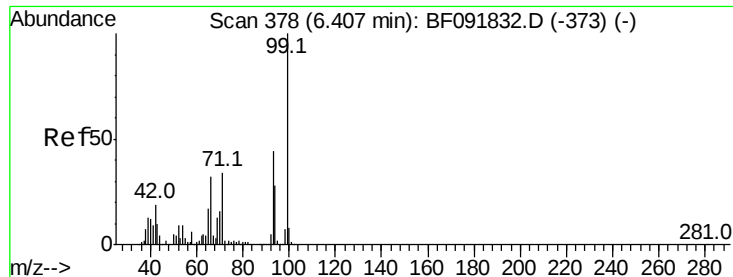
2-Fluorophenol
Concen: 111.86 ng
RT: 5.17 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:112 Resp: 1172020
Ion Ratio Lower Upper
112 100
64 63.7 46.1 69.1
63 32.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.52 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092257.D

Acq: 13 Jan 2017 22:24

Instrument :

BNA_F

ClientSampleId :

TOD-SB-78-80

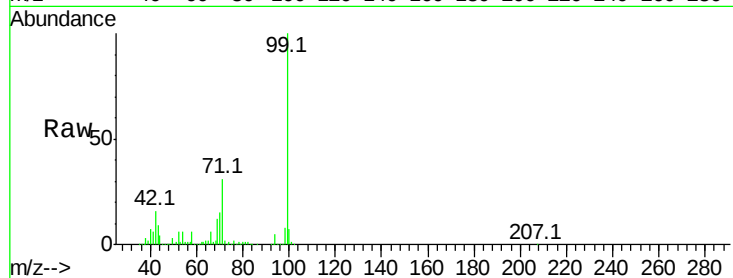
Tot Ion: 99 Resp: 1823164

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

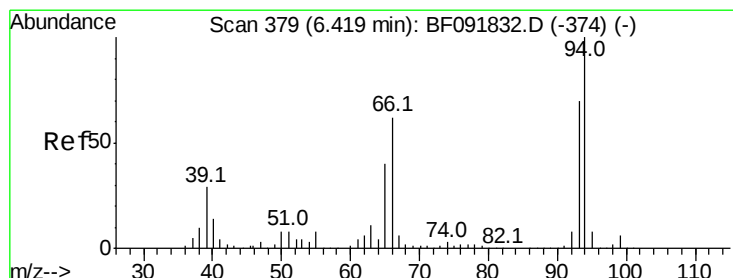
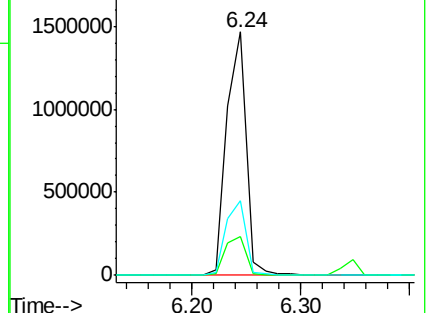
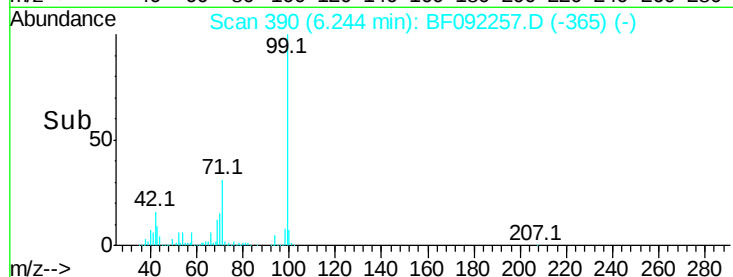
71 30.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 16.48 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092257.D

Acq: 13 Jan 2017 22:24

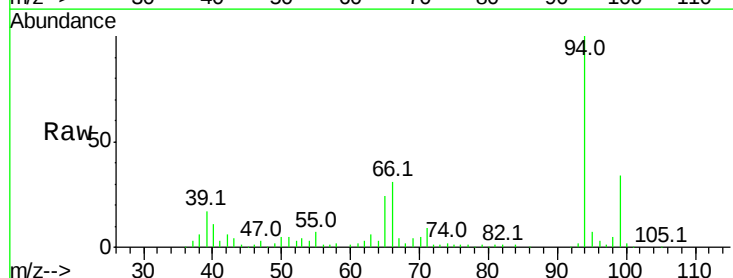
Tgt Ion: 94 Resp: 240177

Ion Ratio Lower Upper

94 100

65 24.2 21.4 61.4

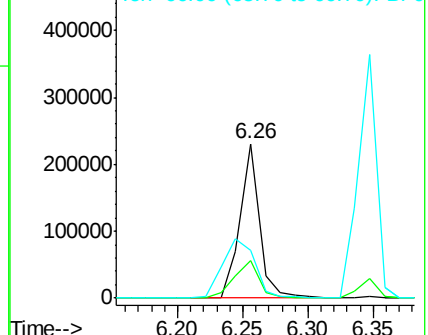
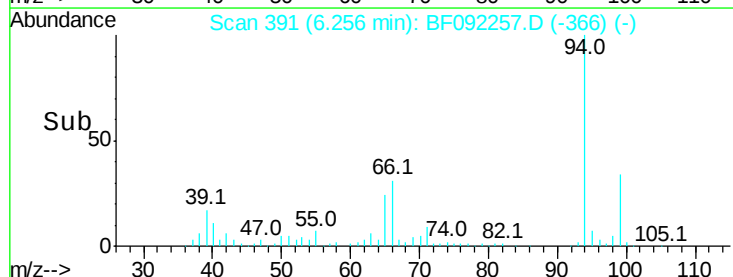
66 31.2 44.0 84.0#

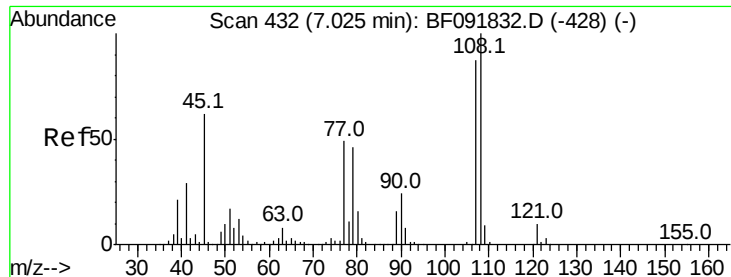


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

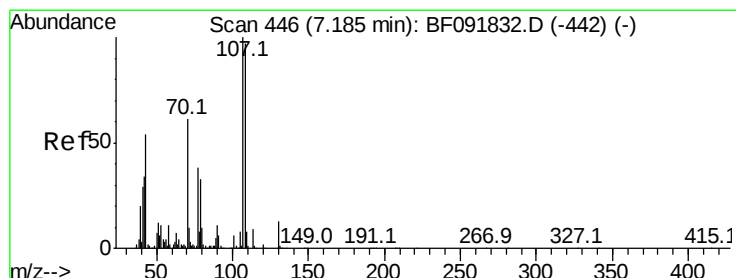
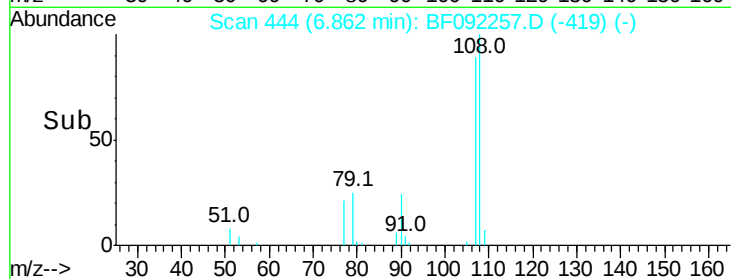
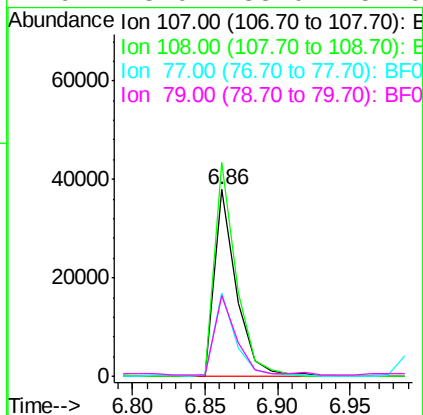
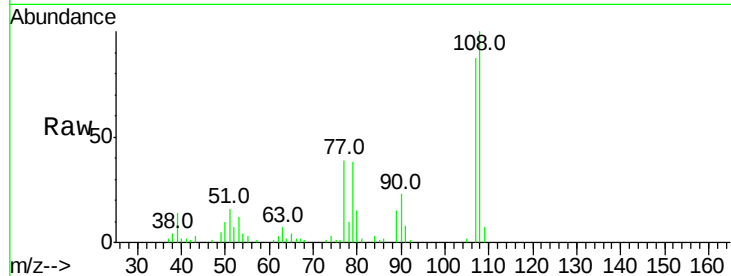




#17
2-Methylphenol
Concen: 4.14 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

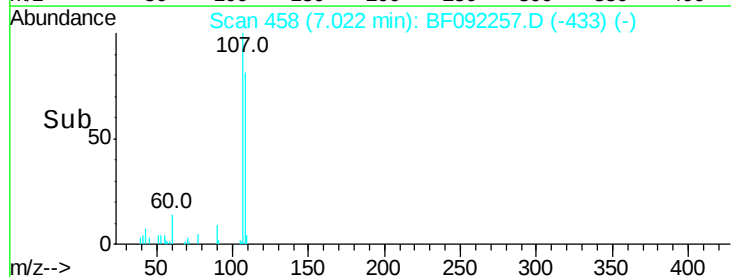
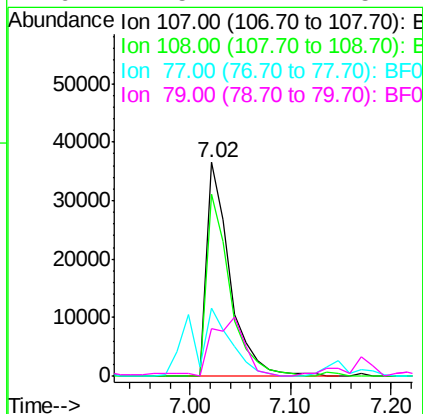
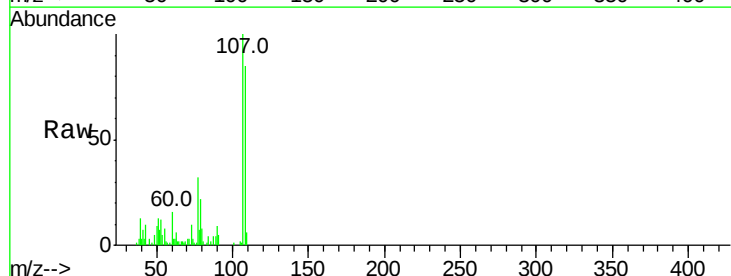
Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

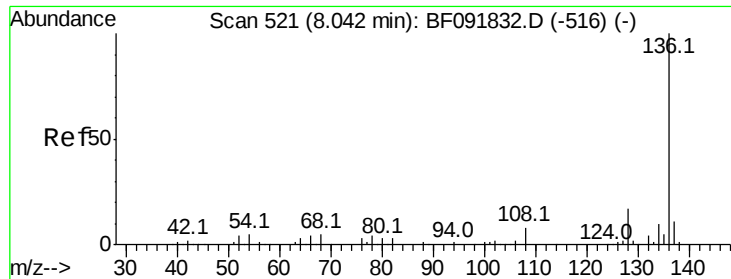
Tot Ion:	107	Resp:	39668
Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.0	139.6
77	44.7	39.8	59.8
79	43.0	38.0	57.0



#20
3+4-Methylphenols
Concen: 5.10 ng
RT: 7.02 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:	107	Resp:	58261
Ion	Ratio	Lower	Upper
107	100		
108	85.1	73.0	113.0
77	31.8	71.3	111.3#
79	22.5	11.1	51.1

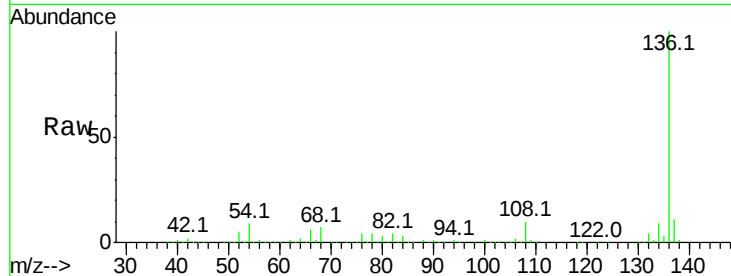




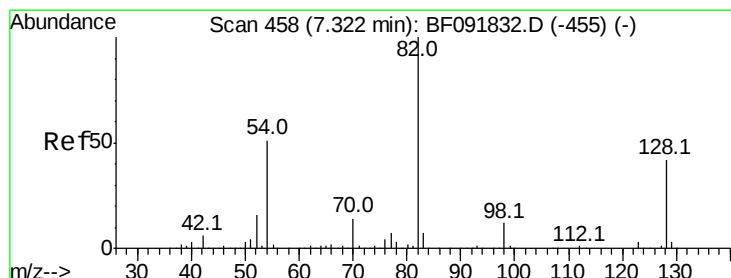
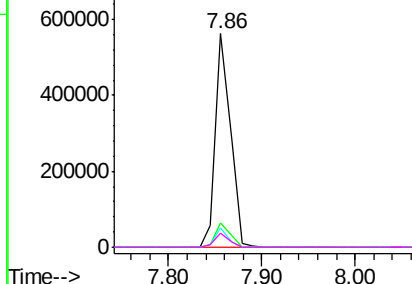
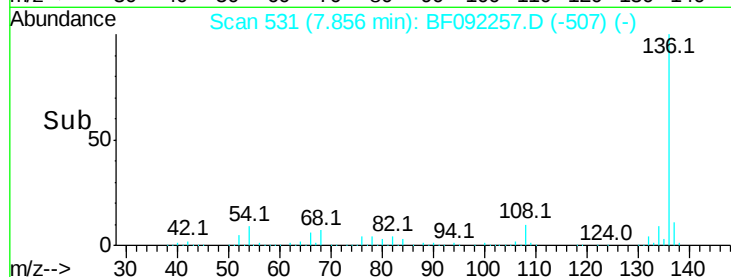
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tot Ion:136	Resp:	629732
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.4 12.6
54	8.8	4.5 6.7#
68	6.6	3.6 5.4#

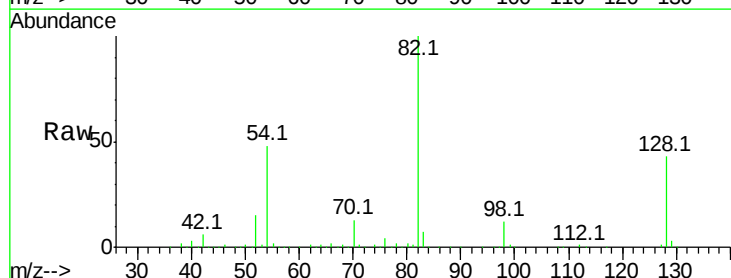


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

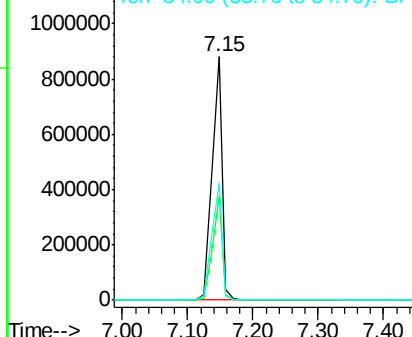
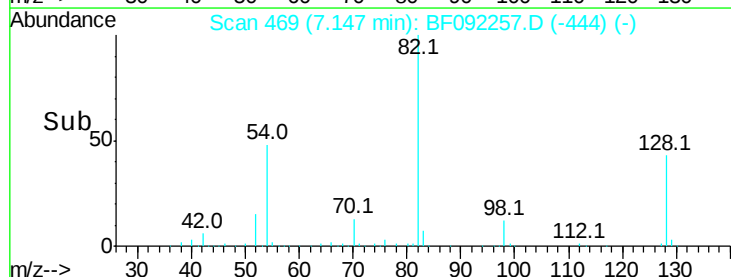


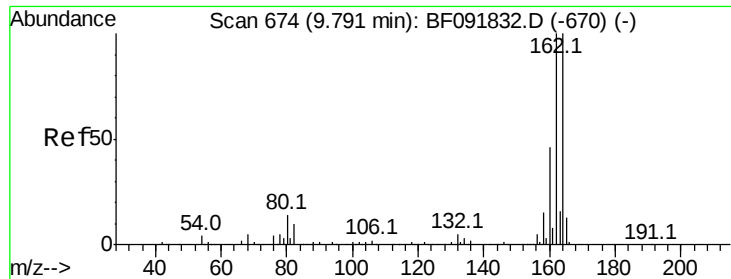
#23
Nitrobenzene-d5
Concen: 84.57 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion: 82	Resp:	957762
Ion	Ratio	Lower Upper
82	100	
128	43.0	34.6 52.0
54	48.1	39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

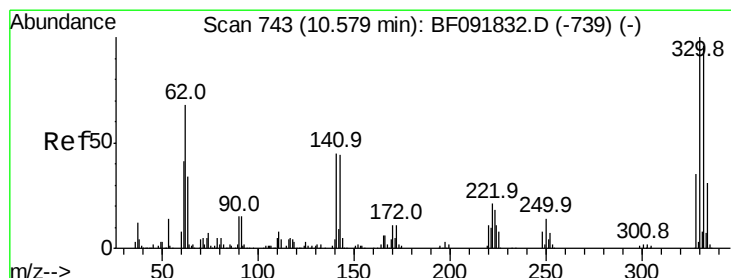
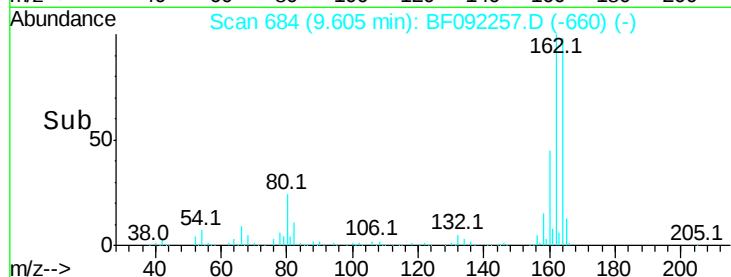
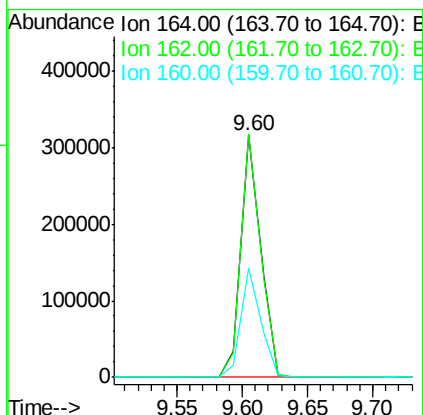
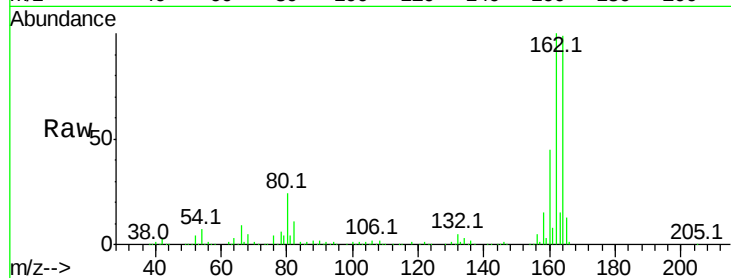




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092257.D
 Acq: 13 Jan 2017 22:24

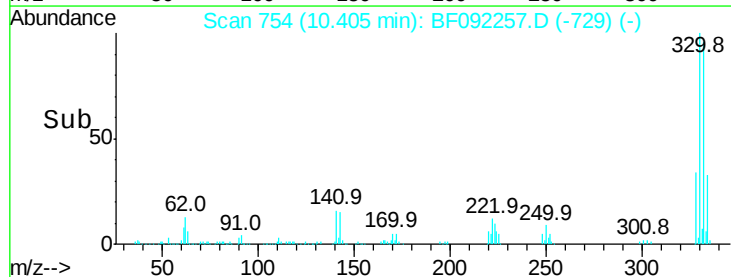
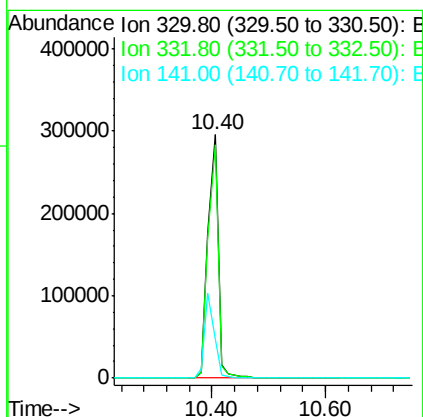
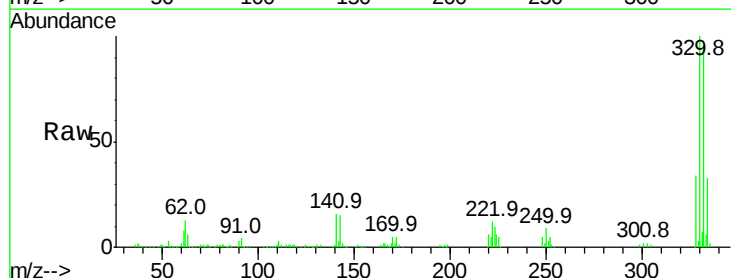
Instrument :
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 TOD-SB-78-80

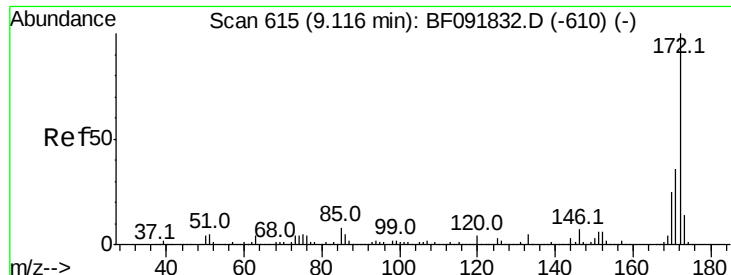
Tot Ion:164 Resp: 333328
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.2 120.2
 160 45.2 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 127.88 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092257.D
 Acq: 13 Jan 2017 22:24

Tgt Ion:330 Resp: 352773
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 33.4 34.1 51.1#

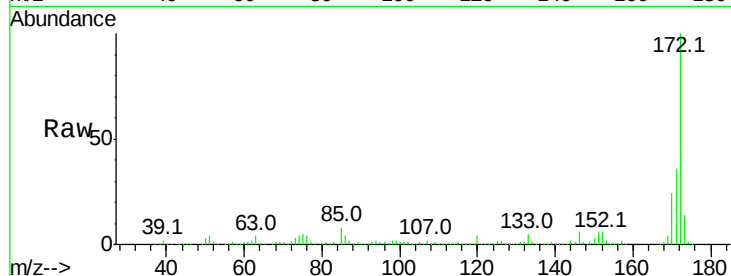




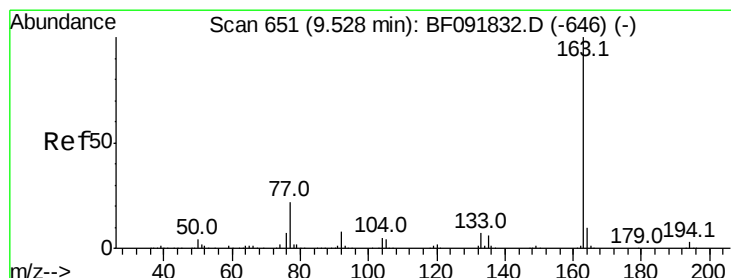
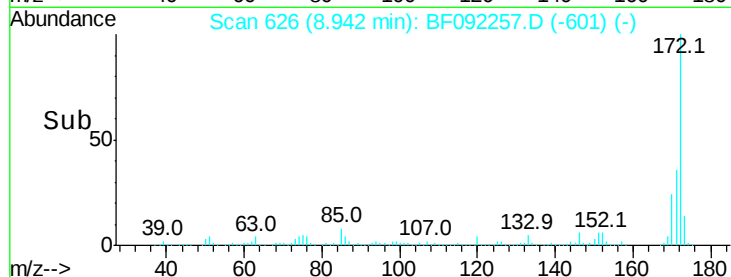
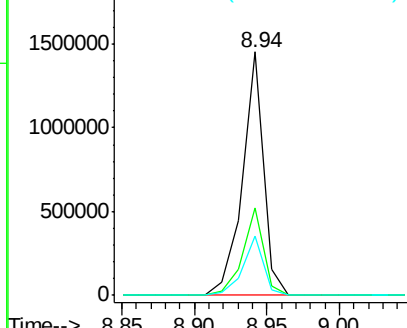
#44
2-Fluorobiphenyl
Concen: 91.46 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tot Ion:172 Resp: 1471936
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.1 20.2 30.4

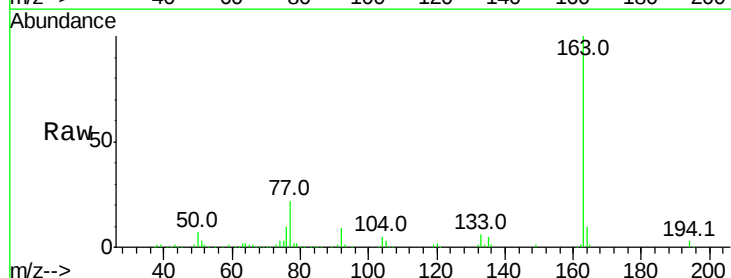


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

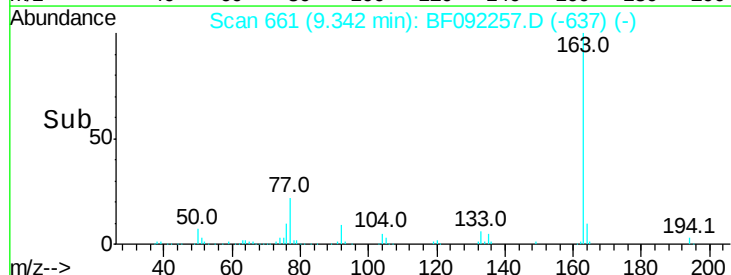
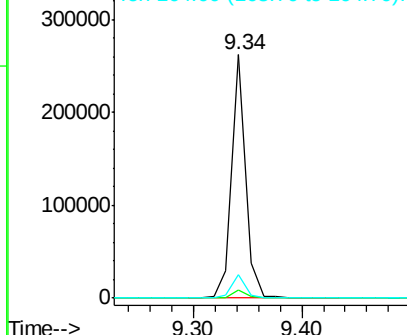


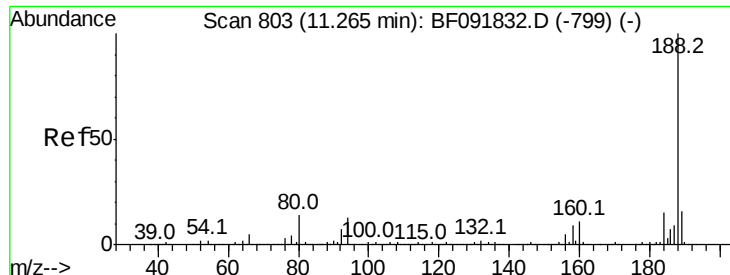
#49
Dimethylphthalate
Concen: 10.81 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:163 Resp: 230424
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.8 8.0 12.0



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

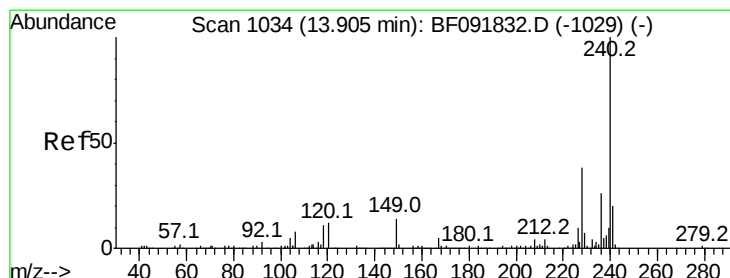
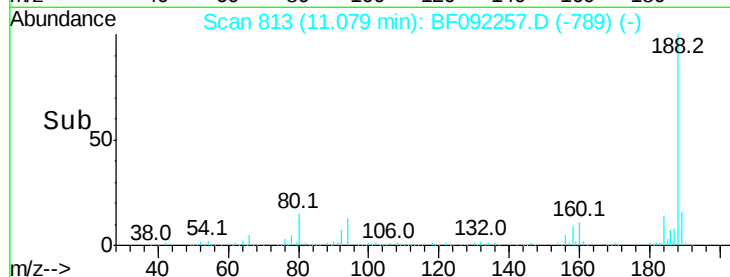
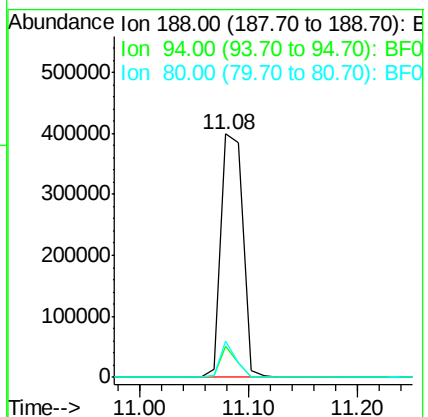
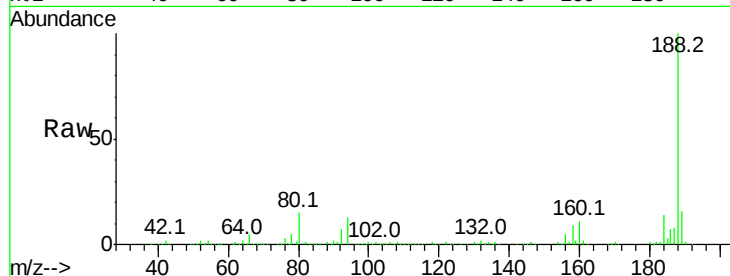




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

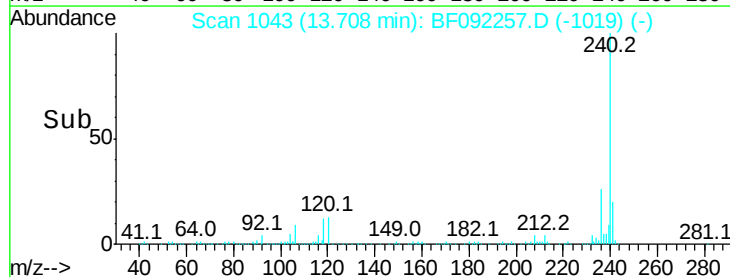
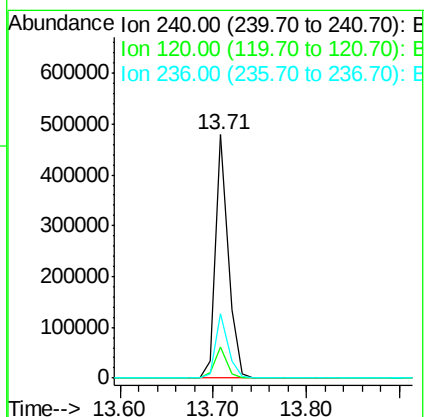
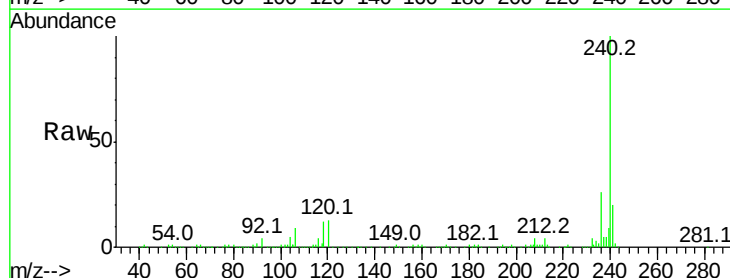
Instrument :
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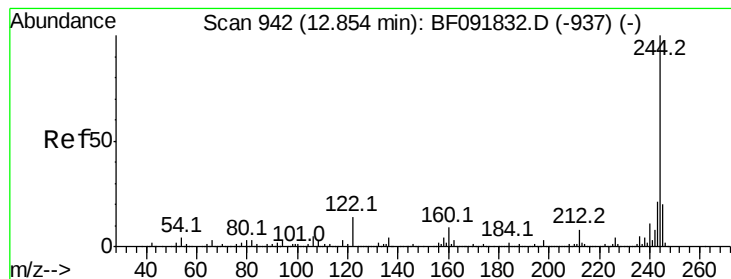
Tot Ion:188 Resp: 559406
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 14.8 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:240 Resp: 453464
Ion Ratio Lower Upper
240 100
120 13.0 12.9 19.3
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 76.07 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092257.D

Acq: 13 Jan 2017 22:24

Instrument :

BNA_F

ClientSampleId :

TOD-SB-78-80

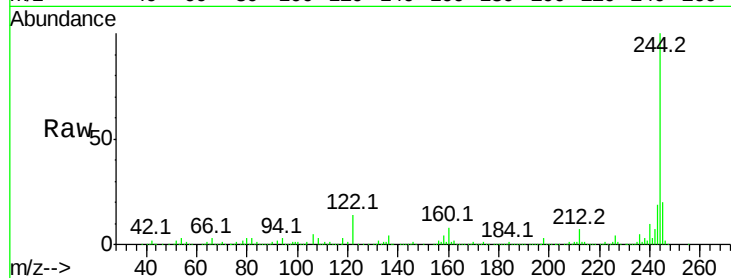
Tot Ion:244 Resp: 1422349

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

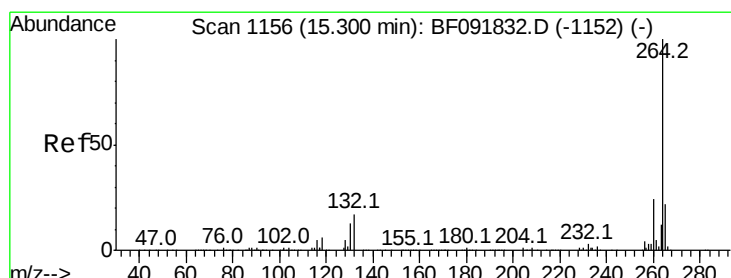
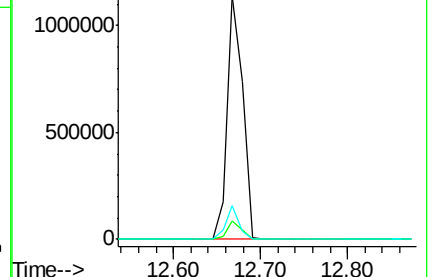
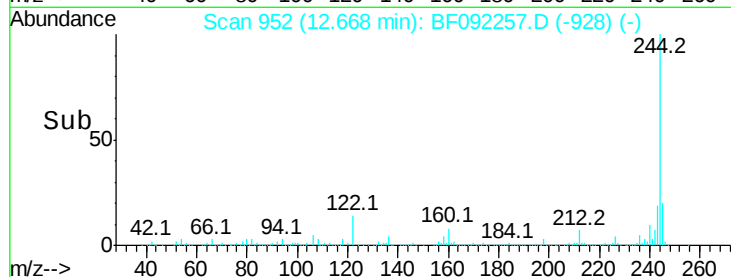
122 13.8 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092257.D

Acq: 13 Jan 2017 22:24

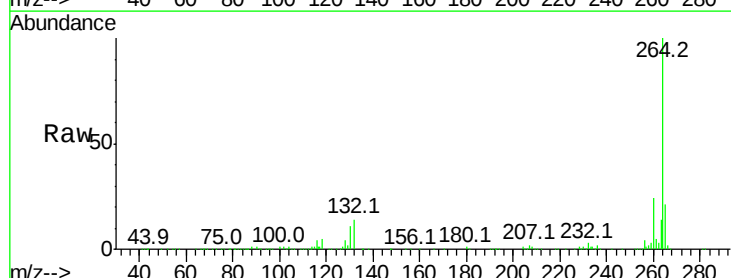
Tgt Ion:264 Resp: 367941

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 17.4 26.0



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

