

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092206.D
 Acq On : 12 Jan 2017 14:20
 Operator : UM/SJ
 Sample : I1029-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-002

Quant Time: Jan 13 13:44:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 16:14:19 2017
 Response via : Initial Calibration

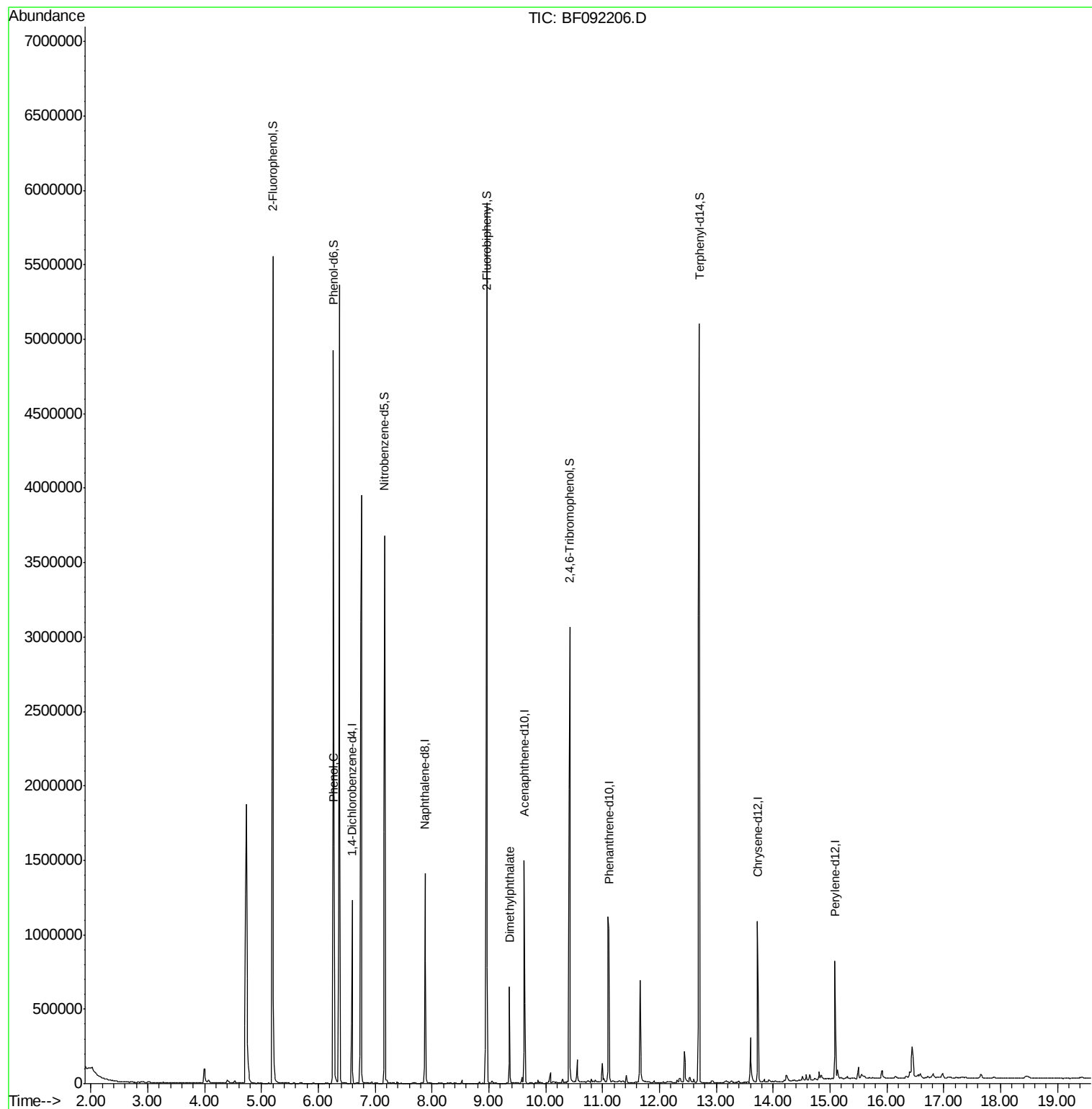
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	200587	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	829152	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	365623	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	604770	20.00	ng	0.00
75) Chrysene-d12	13.73	240	449775	20.00	ng	0.00
86) Perylene-d12	15.09	264	335493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1838347	153.03	ng	0.00
7) Phenol-d6	6.26	99	2103401	143.41	ng	0.00
23) Nitrobenzene-d5	7.17	82	1416024	94.96	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	449076	148.42	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	2107161	124.00	ng	0.00
78) Terphenyl-d14	12.70	244	1932543	104.21	ng	0.00
Target Compounds						
10) Phenol	6.28	94	148478	8.88	ng	78
49) Dimethylphthalate	9.36	163	264360	11.30	ng	99

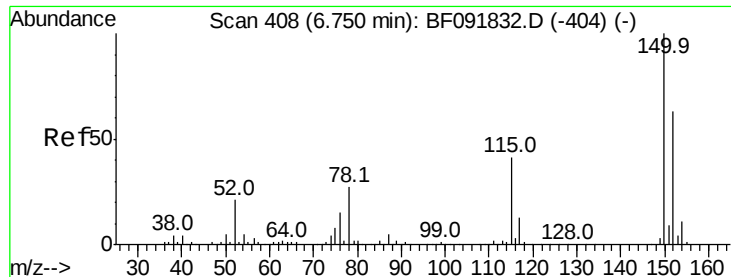
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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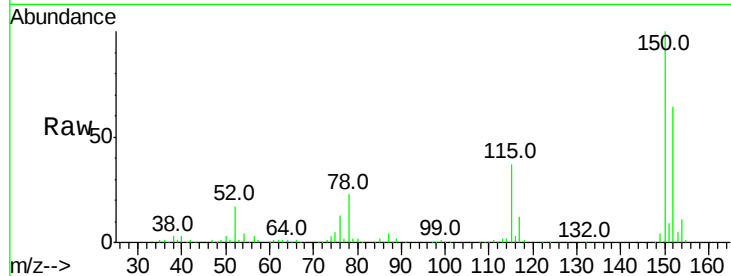


#1

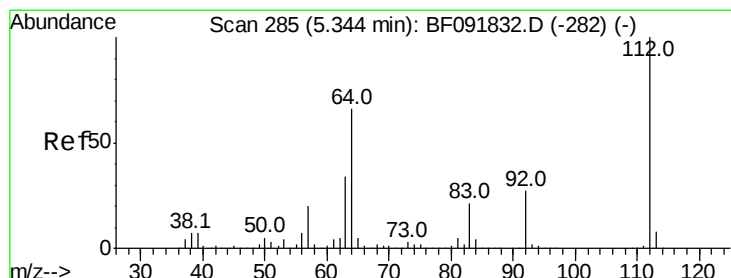
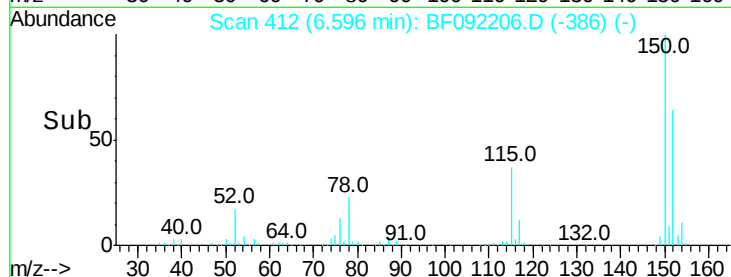
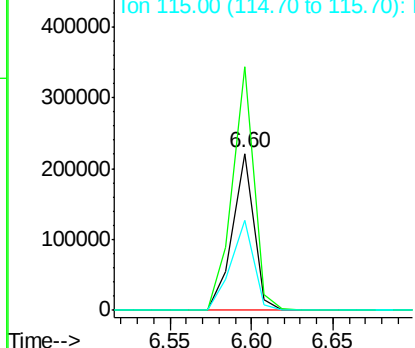
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF092206.D
Acq: 12 Jan 2017 14:20

Instrument :
BNA_F
ClientSampleId :
COMP-002

Tot Ion:152 Resp: 200587
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 57.5 46.0 69.0



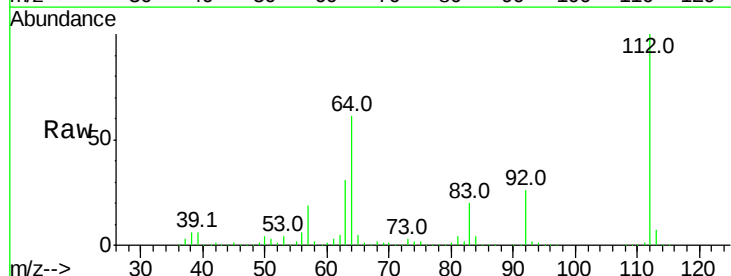
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



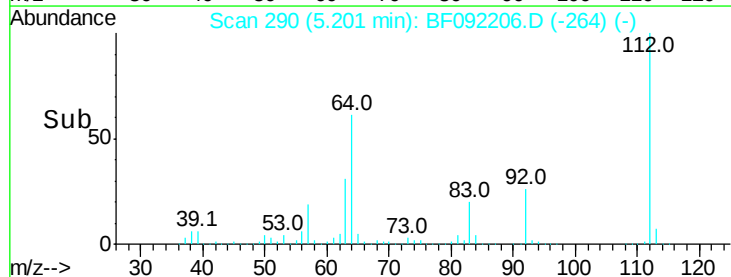
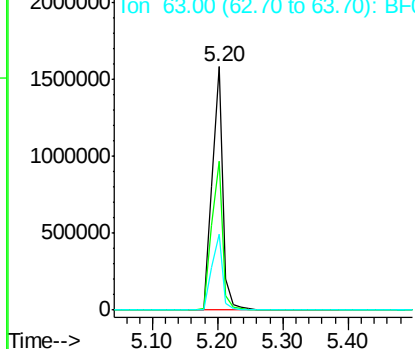
#5

2-Fluorophenol
Concen: 153.03 ng
RT: 5.20 min Scan# 290
Delta R.T. 0.00 min
Lab File: BF092206.D
Acq: 12 Jan 2017 14:20

Tgt Ion:112 Resp: 1838347
Ion Ratio Lower Upper
112 100
64 61.3 46.1 69.1
63 31.3 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: 143.41 ng

RT: 6.26 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF092206.D

Acq: 12 Jan 2017 14:20

Instrument :

BNA_F

ClientSampleId :

COMP-002

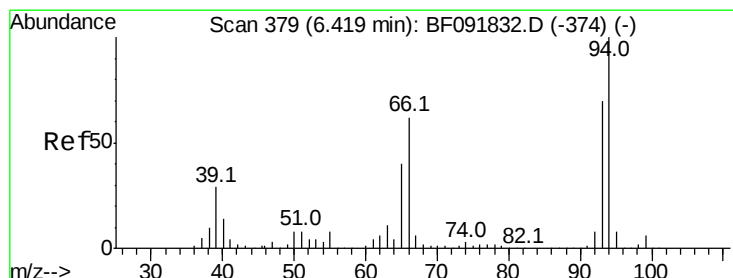
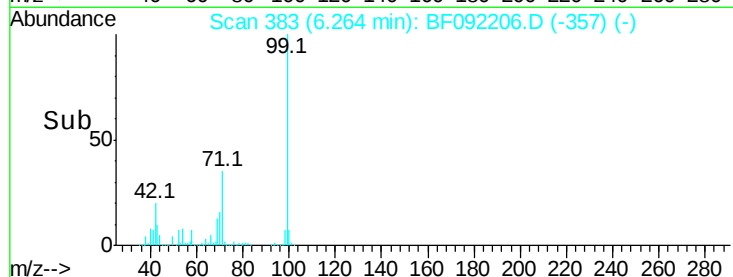
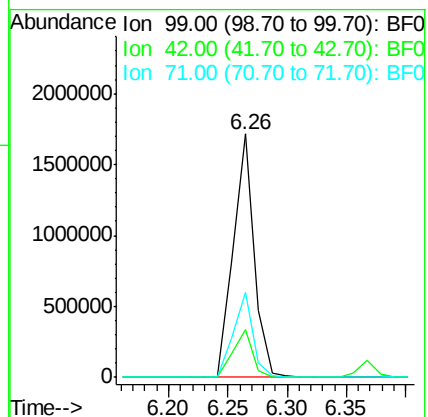
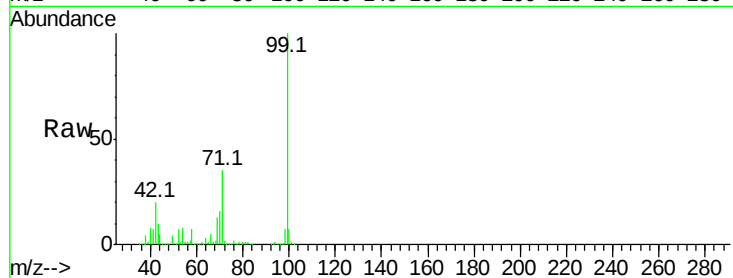
Tot Ion: 99 Resp: 2103401

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

71 34.6 27.5 41.3



#10

Phenol

Concen: 8.88 ng

RT: 6.28 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF092206.D

Acq: 12 Jan 2017 14:20

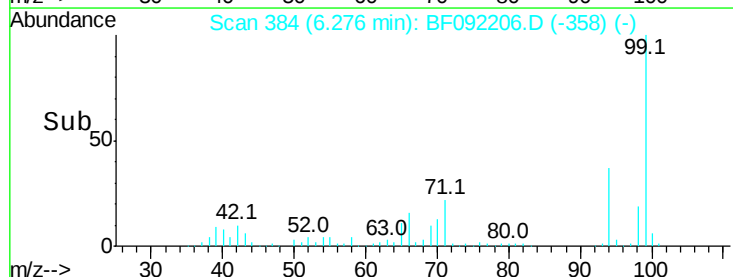
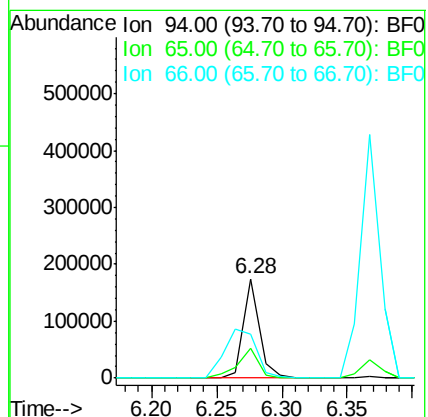
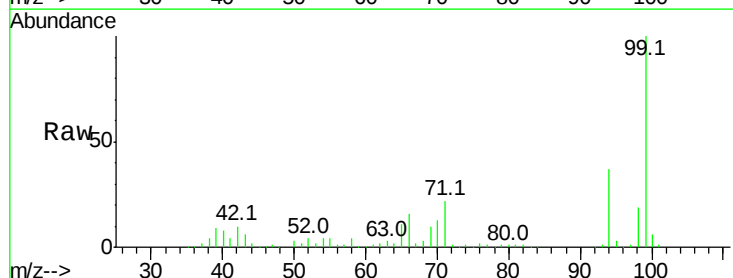
Tgt Ion: 94 Resp: 148478

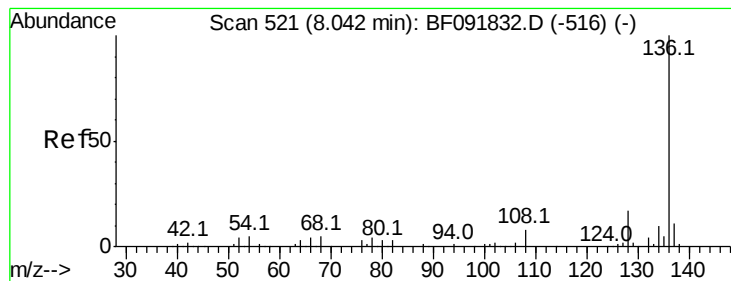
Ion Ratio Lower Upper

94 100

65 29.9 21.4 61.4

66 44.3 44.0 84.0

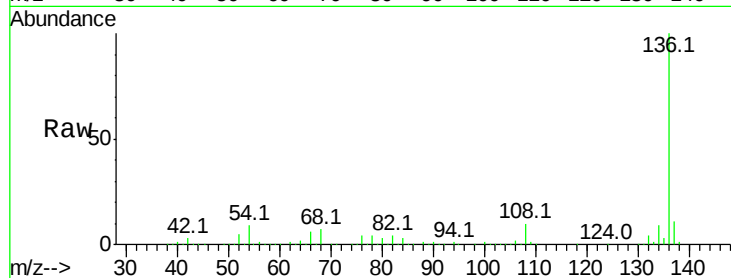




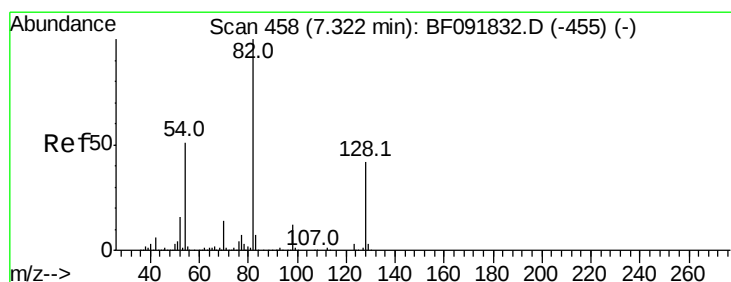
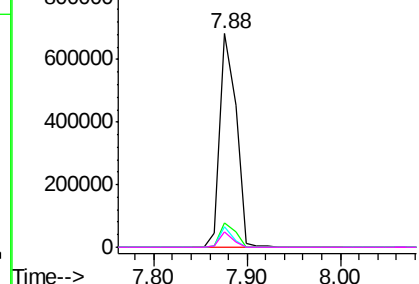
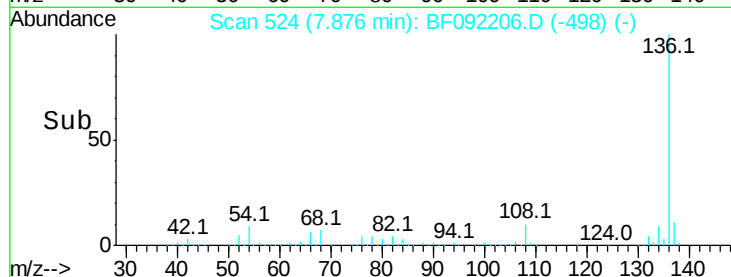
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092206.D
Acq: 12 Jan 2017 14:20

Instrument :
BNA_F
ClientSampleId :
COMP-002

Tot Ion:136	Resp:	829152
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	9.3	4.5 6.7#
68	7.4	3.6 5.4#

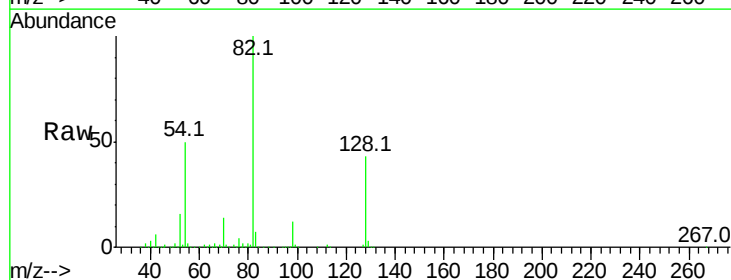


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

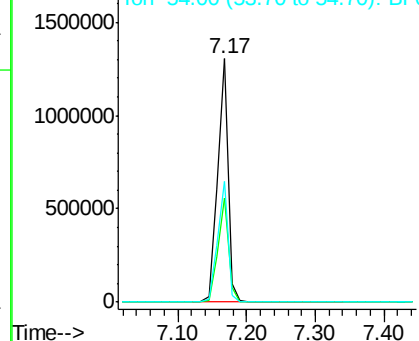
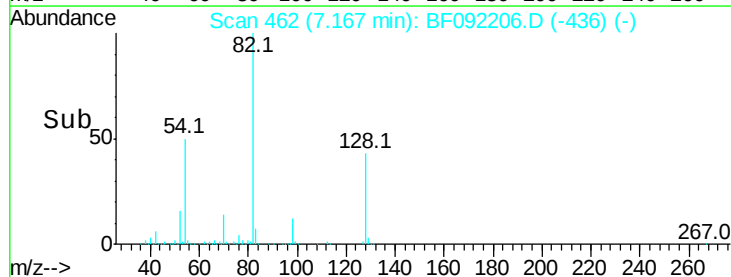


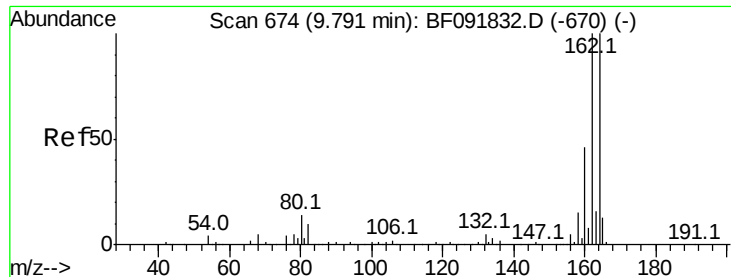
#23
Nitrobenzene-d5
Concen: 94.96 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF092206.D
Acq: 12 Jan 2017 14:20

Tgt Ion: 82	Resp:	1416024
Ion Ratio	Lower	Upper
82	100	
128	42.6	34.6 52.0
54	49.7	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

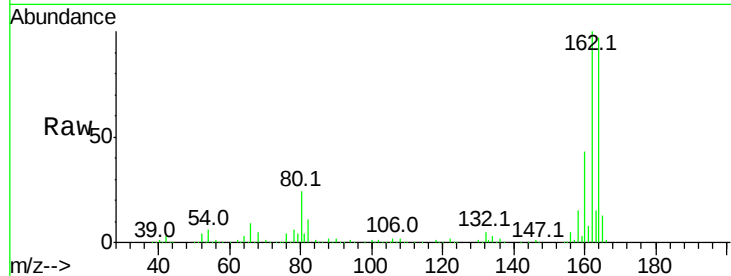




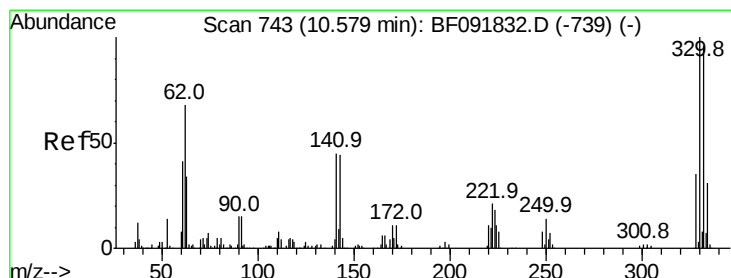
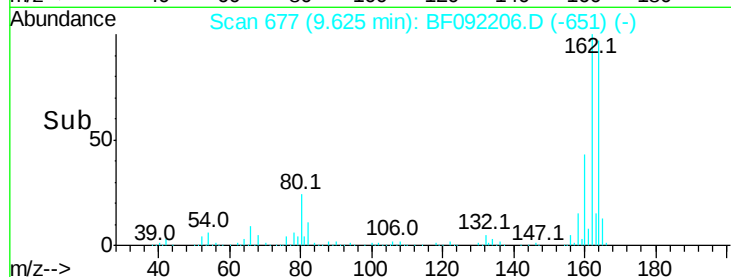
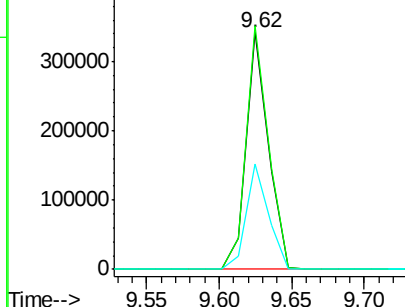
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF092206.D
 Acq: 12 Jan 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :
 COMP-002

Tot Ion:164 Resp: 365623
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.2 120.2
 160 44.7 36.9 55.3

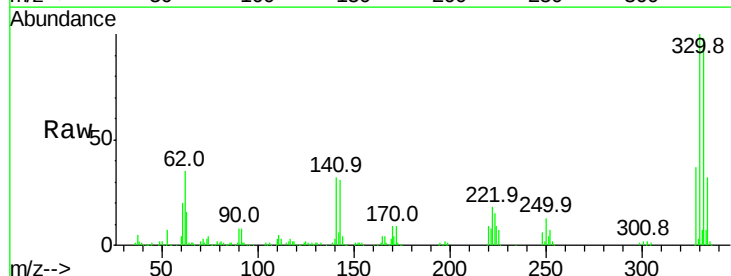


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

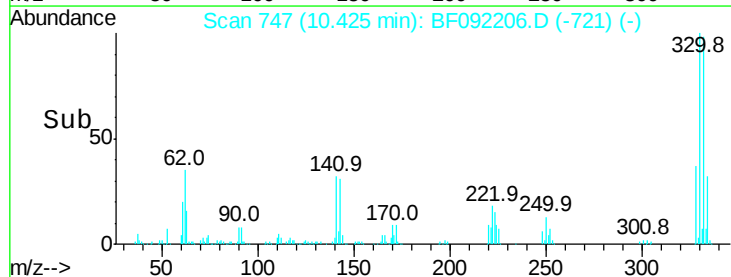
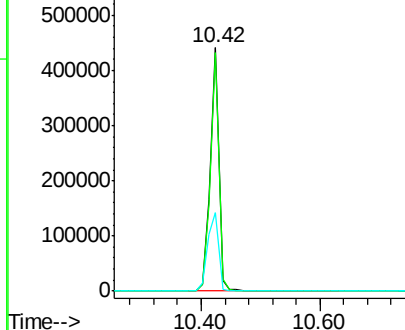


#41
 2,4,6-Tribromophenol
 Concen: 148.42 ng
 RT: 10.42 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092206.D
 Acq: 12 Jan 2017 14:20

Tgt Ion:330 Resp: 449076
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 40.8 34.1 51.1



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

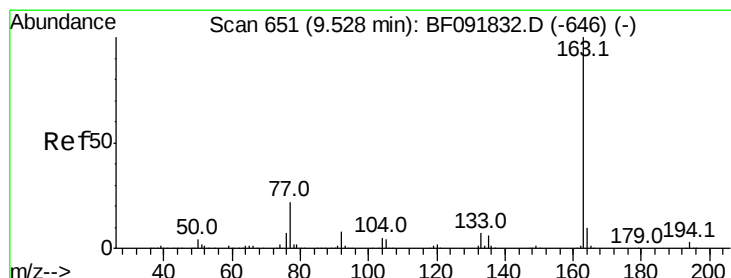
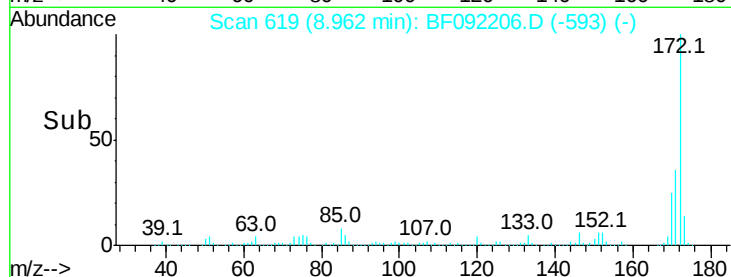
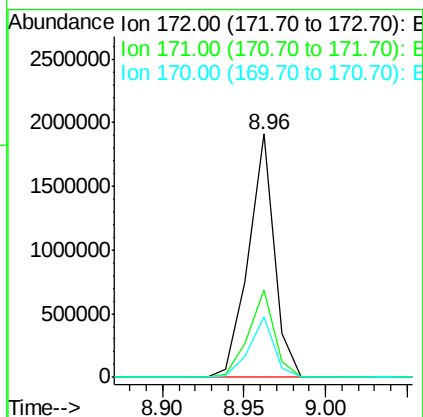
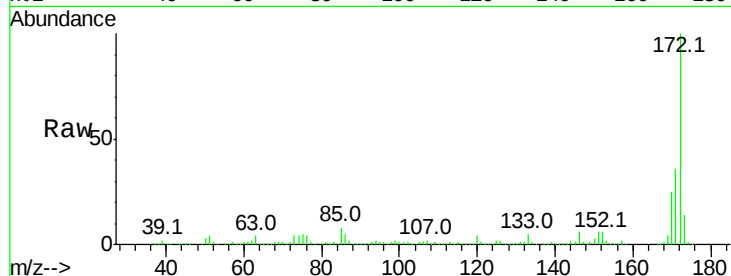




#44
2-Fluorobiphenyl
Concen: 124.00 ng
RT: 8.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF092206.D
Acq: 12 Jan 2017 14:20

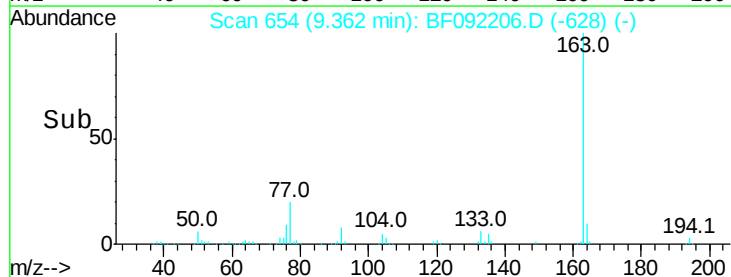
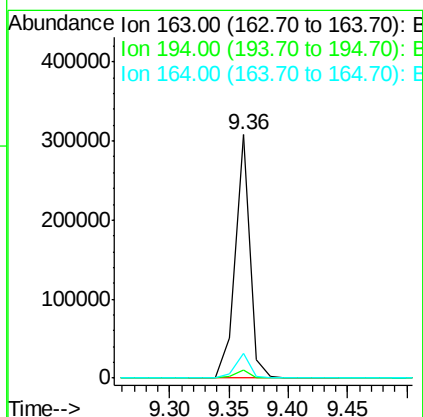
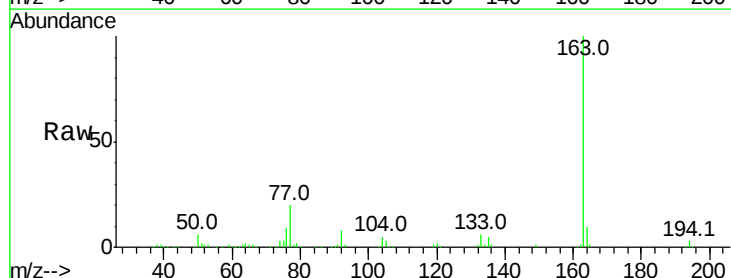
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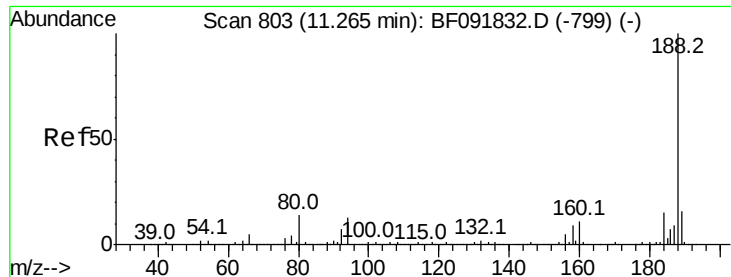
Tot Ion:172 Resp: 2107161
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.8 20.2 30.4



#49
Dimethylphthalate
Concen: 11.30 ng
RT: 9.36 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF092206.D
Acq: 12 Jan 2017 14:20

Tgt Ion:163 Resp: 264360
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.3 8.0 12.0

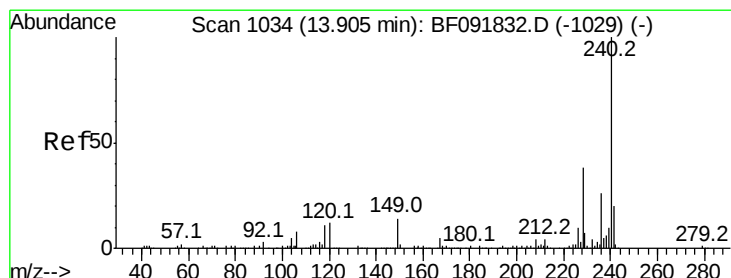
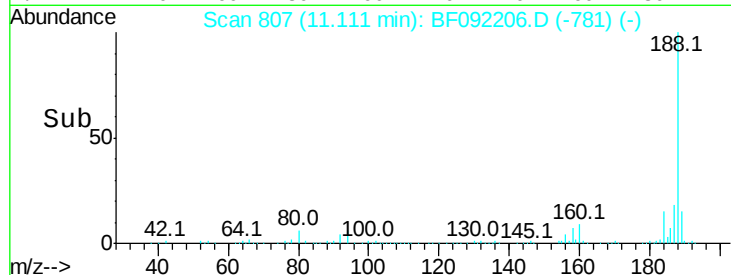
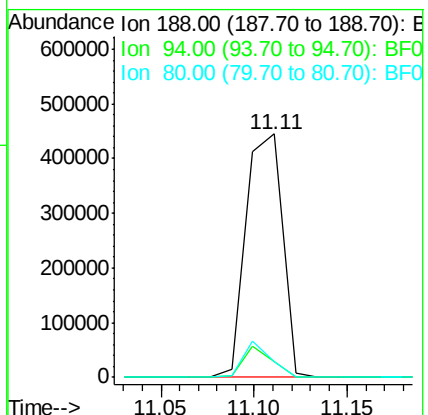
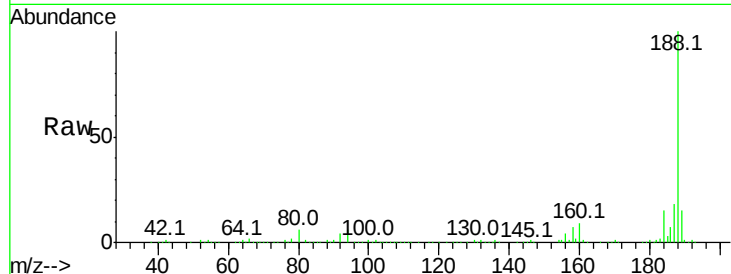




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF092206.D
Acq: 12 Jan 2017 14:20

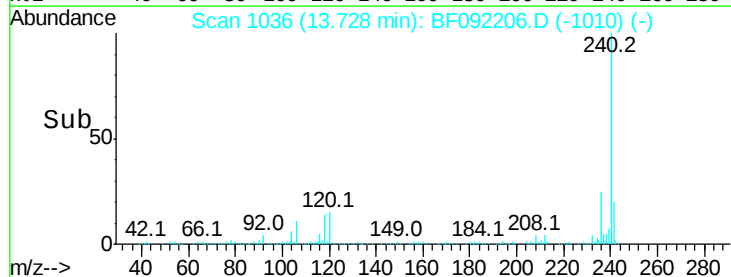
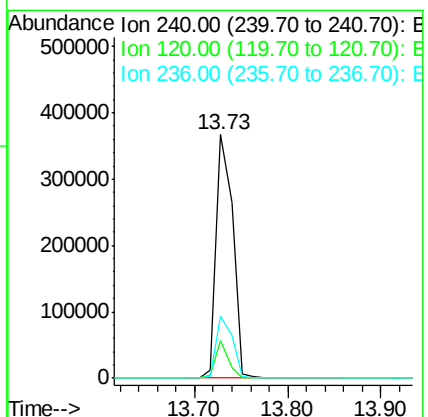
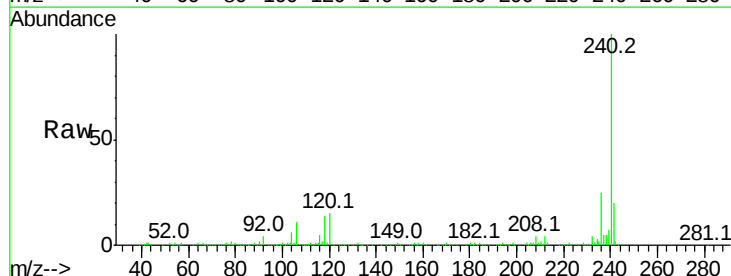
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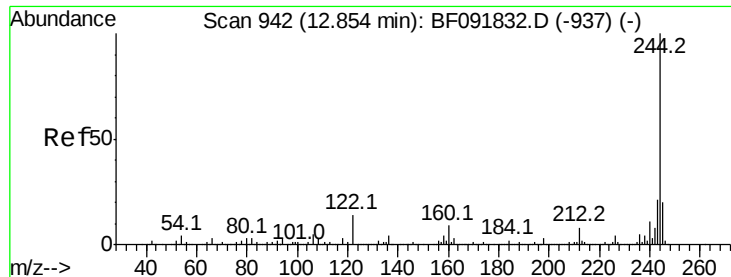
Tot Ion:188 Resp: 604770
Ion Ratio Lower Upper
188 100
94 6.3 10.0 15.0#
80 6.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF092206.D
Acq: 12 Jan 2017 14:20

Tgt Ion:240 Resp: 449775
Ion Ratio Lower Upper
240 100
120 15.4 12.9 19.3
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 104.21 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF092206.D

Acq: 12 Jan 2017 14:20

Instrument :

BNA_F

ClientSampleId :

COMP-002

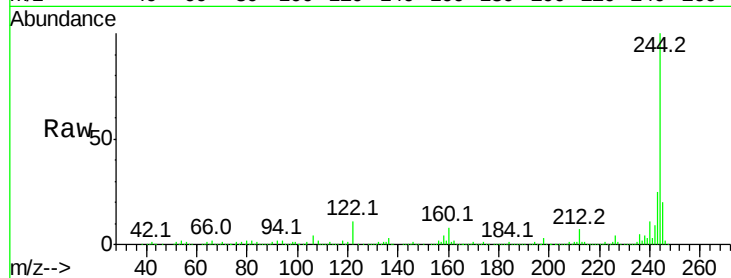
Tot Ion:244 Resp: 1932543

Ion Ratio Lower Upper

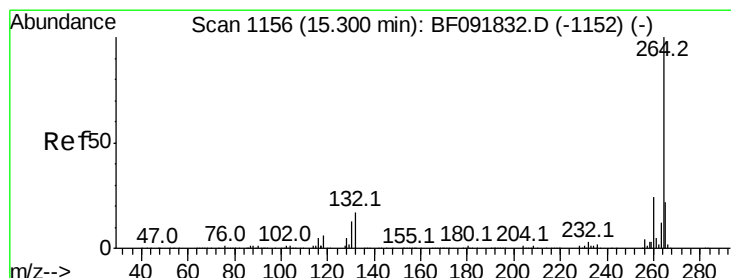
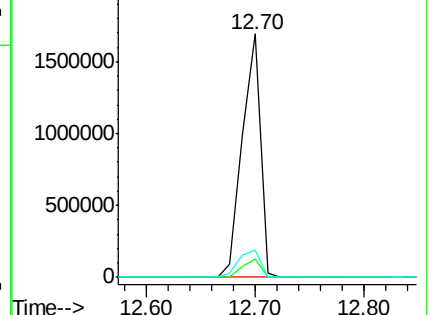
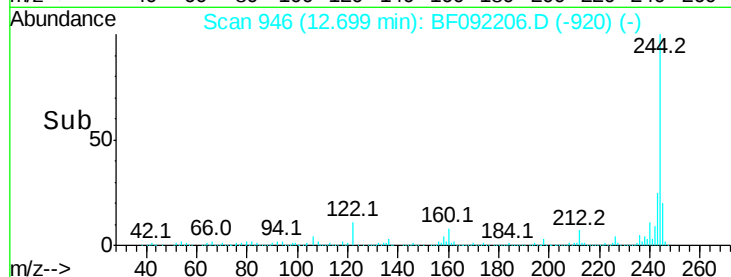
244 100

212 7.3 6.2 9.2

122 11.3 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: 15.09 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF092206.D

Acq: 12 Jan 2017 14:20

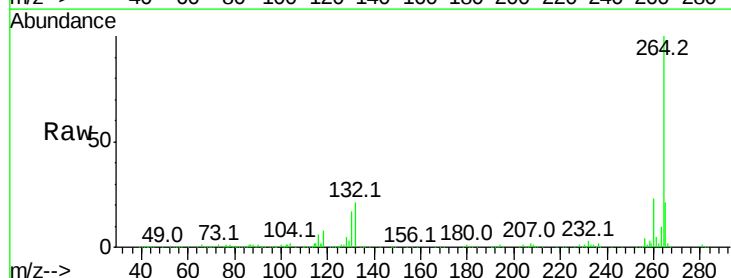
Tgt Ion:264 Resp: 335493

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 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

