

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092266.D
 Acq On : 14 Jan 2017 2:38
 Operator : UM/SJ
 Sample : I1031-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0029

Quant Time: Jan 16 01:31:06 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

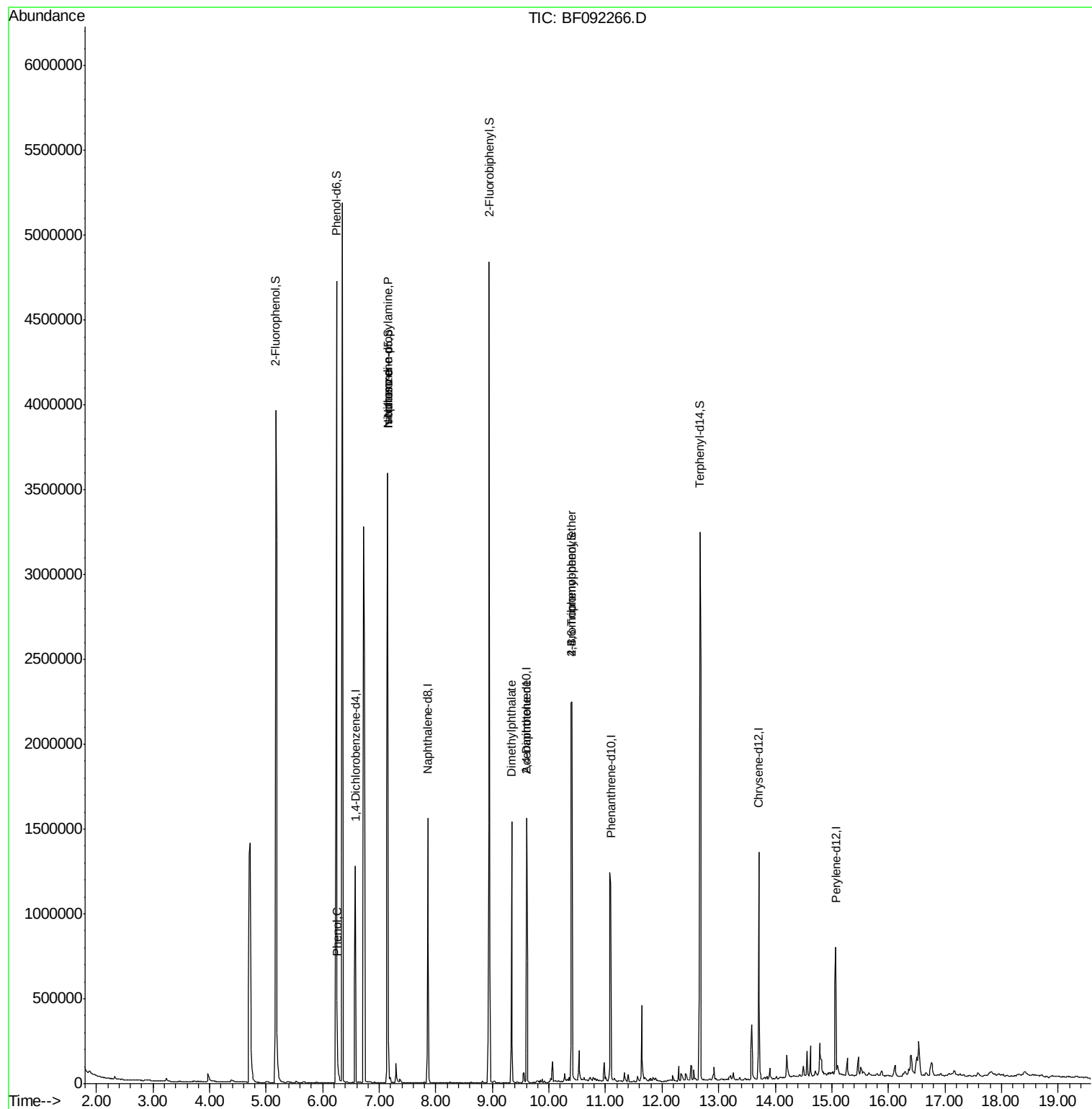
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	224899	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	894138	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	402520	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	679510	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	473655	20.00	ng	-0.02
86) Perylene-d12	15.07	264	368002	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1613216	119.77	ng	0.00
7) Phenol-d6	6.24	99	1747636	106.27	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1378652	85.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	437597	131.36	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1668962	84.95	ng	-0.01
78) Terphenyl-d14	12.67	244	1443236	73.90	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	40463	2.16	ng	# 75
19) n-Nitroso-di-n-propylamine	7.15	70	185938	17.00	ng	# 76
25) Isophorone	7.15	82	1356802	45.73	ng	# 65
37) 2-Methylnaphthalene	8.58	142	943	Below Cal	#	83
49) Dimethylphthalate	9.34	163	609806	23.69	ng	98
56) 2,4-Dinitrotoluene	9.60	165	52485	7.42	ng	# 20
66) 4-Bromophenyl-phenylether	10.40	248	27691	3.92	ng	# 1
71) Anthracene	11.11	178	14726	Below Cal		95
73) Di-n-butylphthalate	11.66	149	6259	Below Cal	#	90
74) Fluoranthene	12.29	202	35785	Below Cal		95

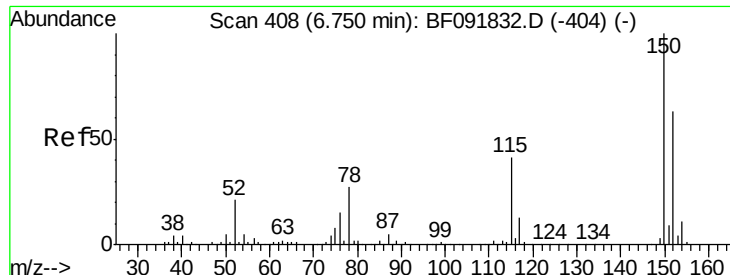
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 01:31:06 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

Instrument :

BNA_F

ClientSampleId :

COMP-0029

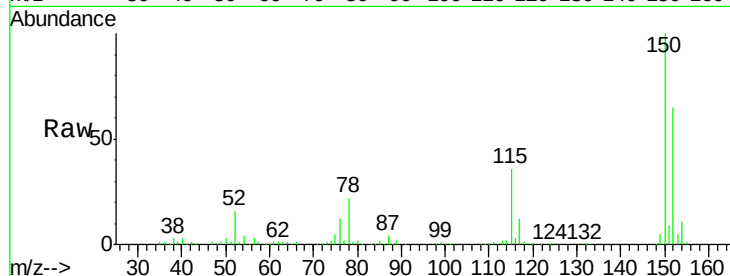
Tgt Ion:152 Resp: 224899

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

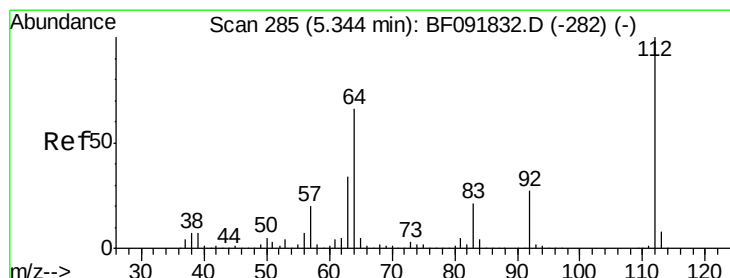
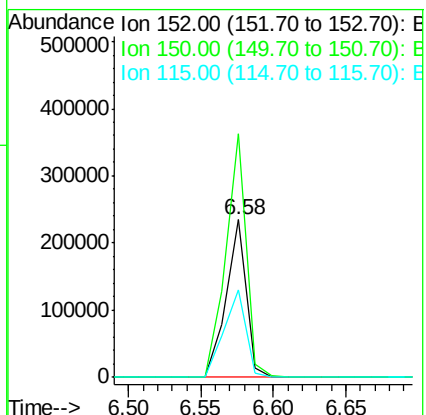
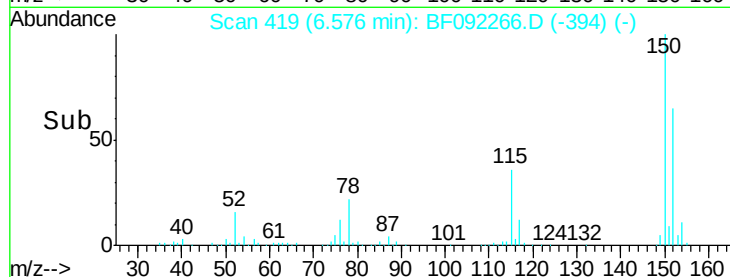
115 55.8 46.0 69.0



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: 119.77 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

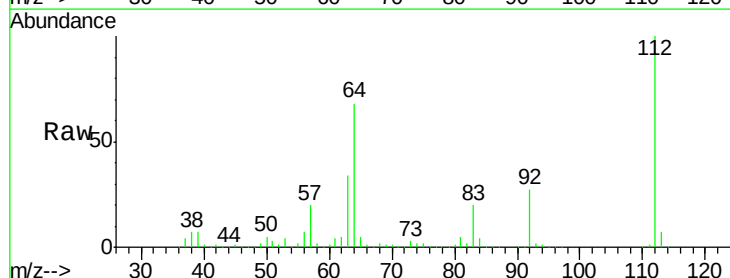
Tgt Ion:112 Resp: 1613216

Ion Ratio Lower Upper

112 100

64 67.8 46.1 69.1

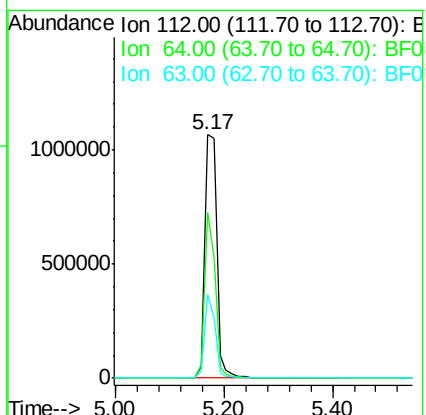
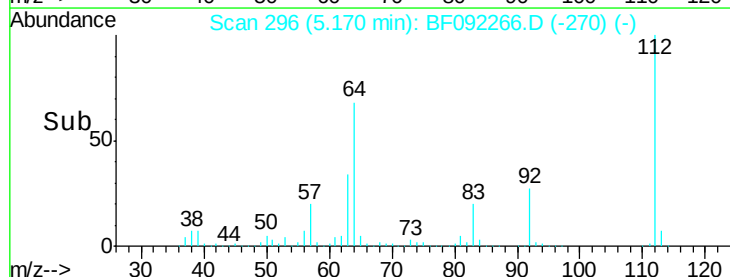
63 34.1 23.8 35.6

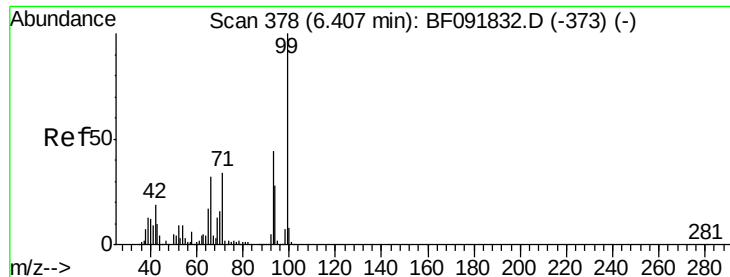


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.27 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

Instrument :

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ClientSampleId :

COMP-0029

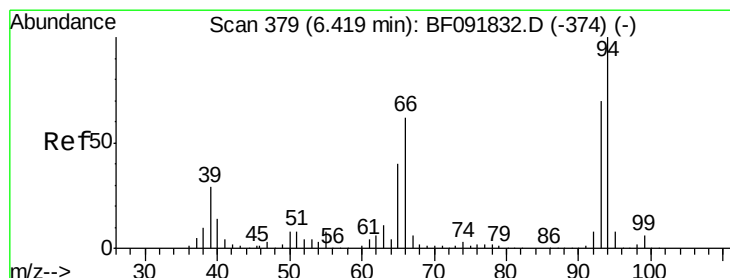
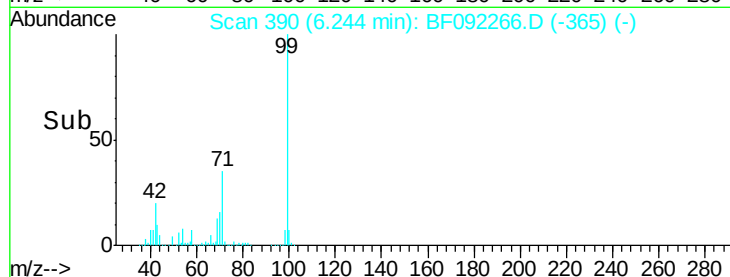
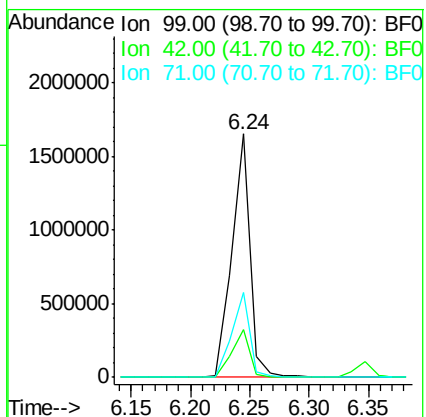
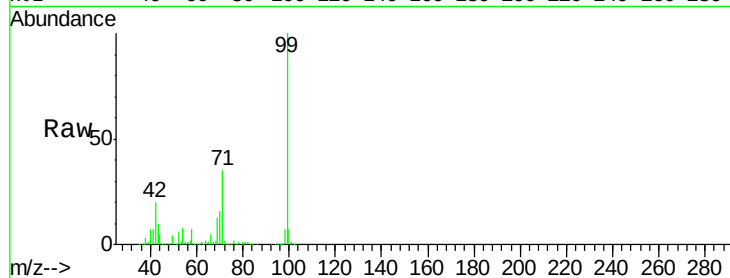
Tgt Ion: 99 Resp: 1747636

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

71 35.0 27.5 41.3



#10

Phenol

Concen: 2.16 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

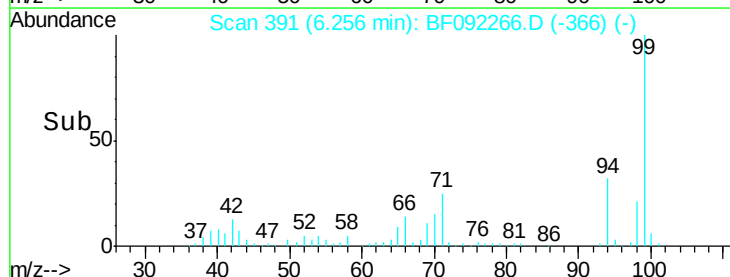
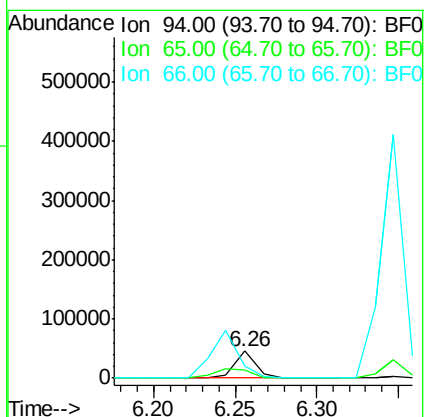
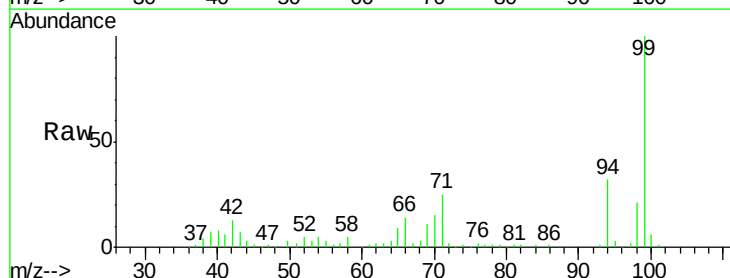
Tgt Ion: 94 Resp: 40463

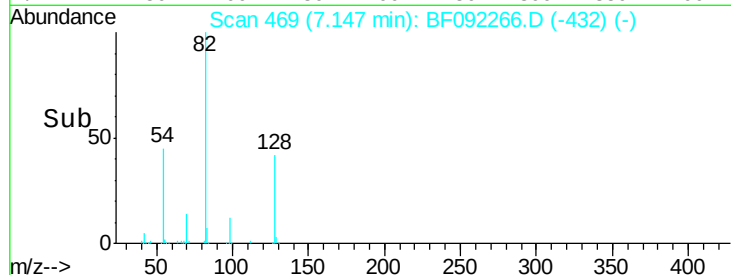
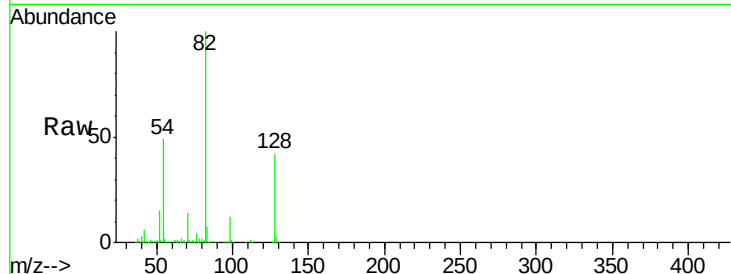
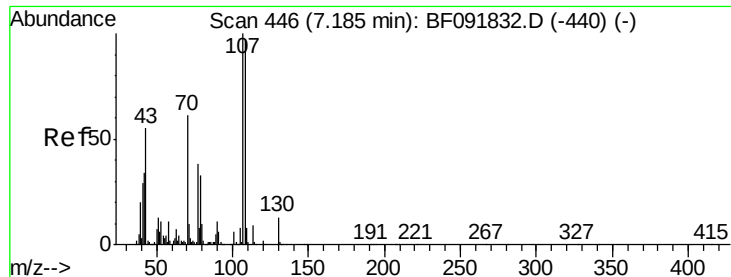
Ion Ratio Lower Upper

94 100

65 28.2 21.4 61.4

66 43.0 44.0 84.0#

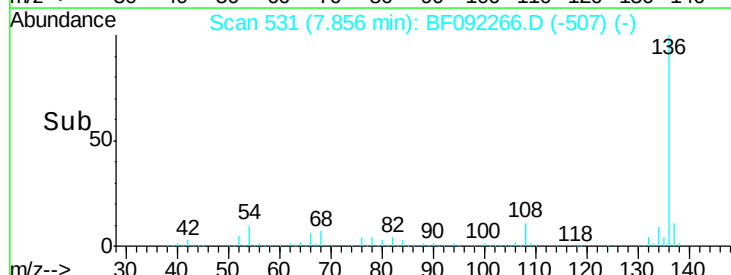
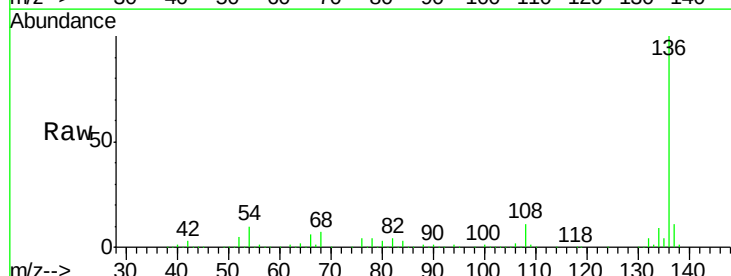
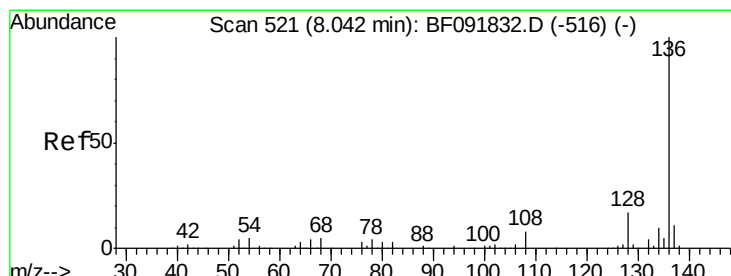
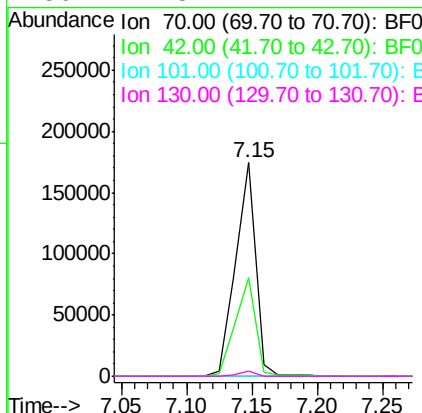




#19
n-Nitroso-di-n-propylamine
Concen: 17.00 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

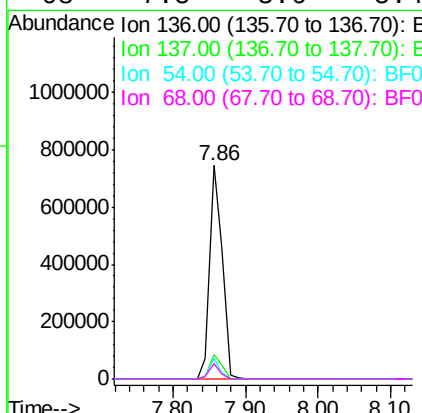
Instrument :
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ClientSampleId :
COMP-0029

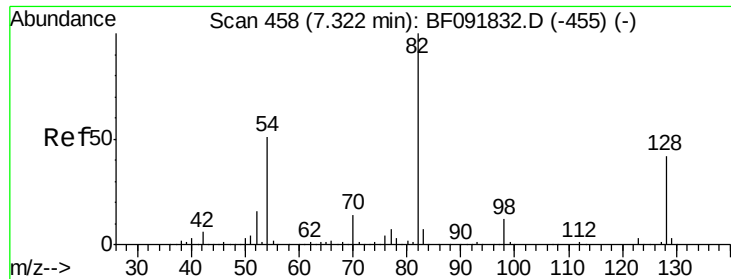
Tgt Ion:	70	Resp:	185938
Ion	Ratio	Lower	Upper
70	100		
42	46.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion:	136	Resp:	894138
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.7	4.5	6.7#
68	7.5	3.6	5.4#

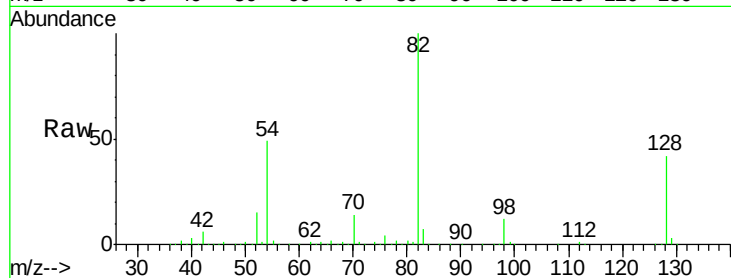




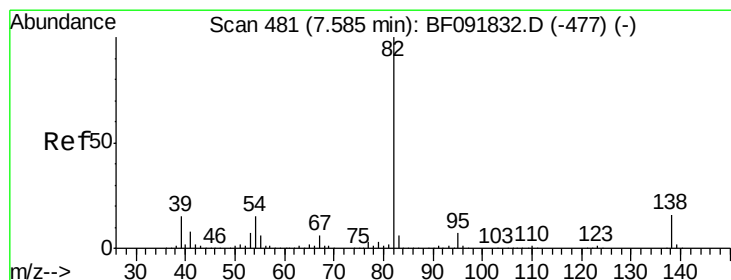
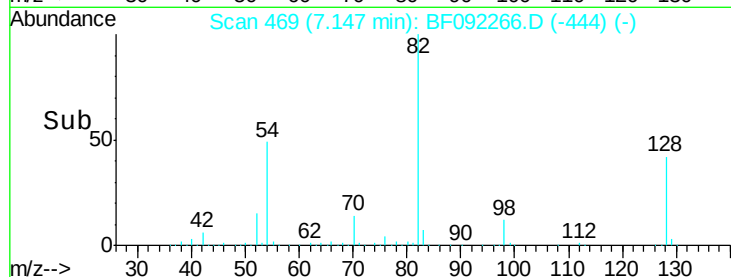
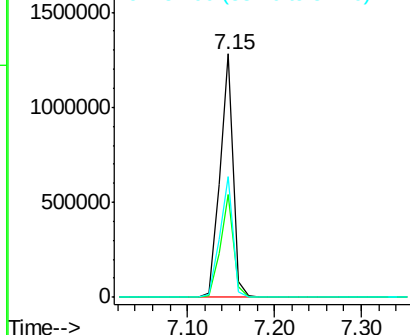
#23
 Nitrobenzene-d5
 Concen: 85.74 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092266.D
 Acq: 14 Jan 2017 2:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0029

Tgt Ion: 82 Resp: 1378652
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 49.4 39.5 59.3

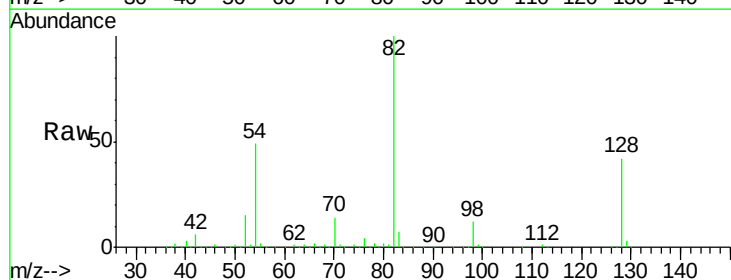


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

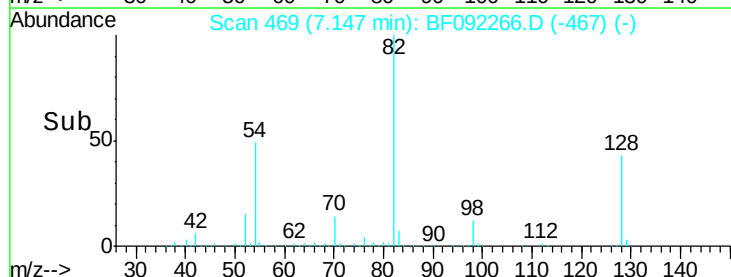
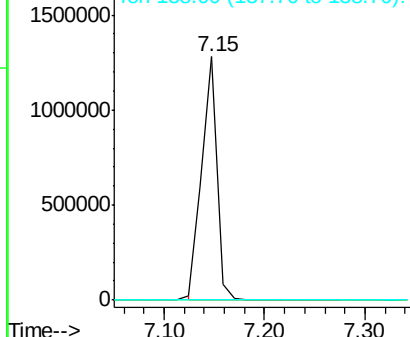


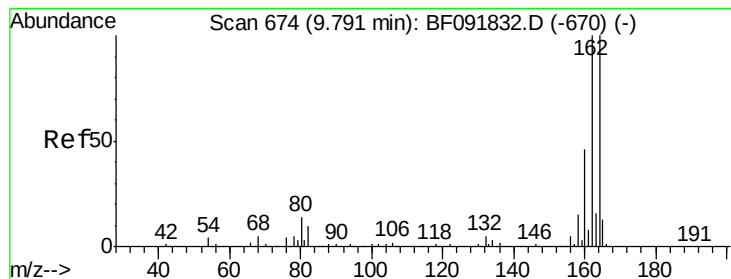
#25
 Isophorone
 Concen: 45.73 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.27 min
 Lab File: BF092266.D
 Acq: 14 Jan 2017 2:38

Tgt Ion: 82 Resp: 1356802
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

Instrument :

BNA_F

ClientSampleId :

COMP-0029

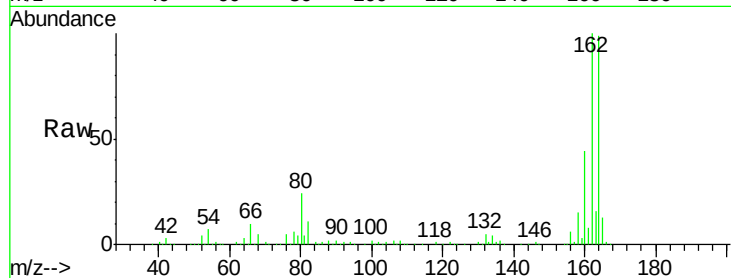
Tgt Ion:164 Resp: 402520

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

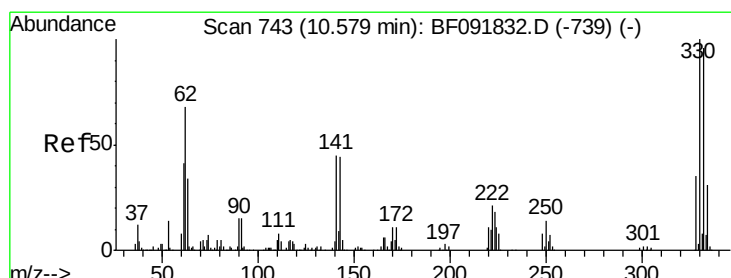
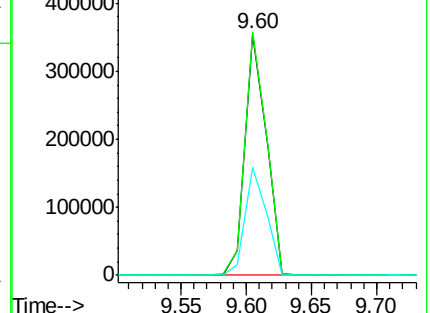
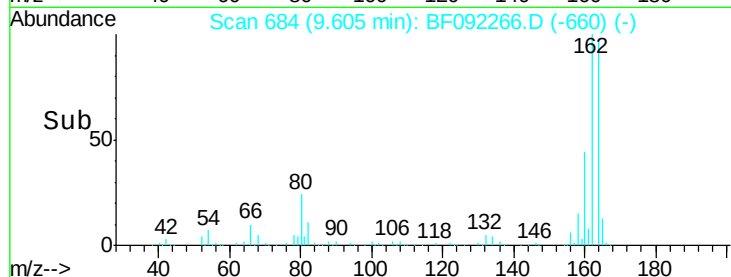
160 44.8 36.9 55.3



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: 131.36 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

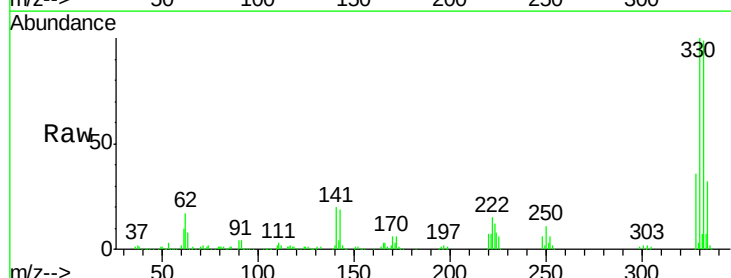
Tgt Ion:330 Resp: 437597

Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.2

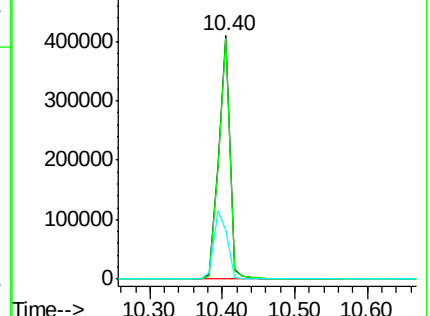
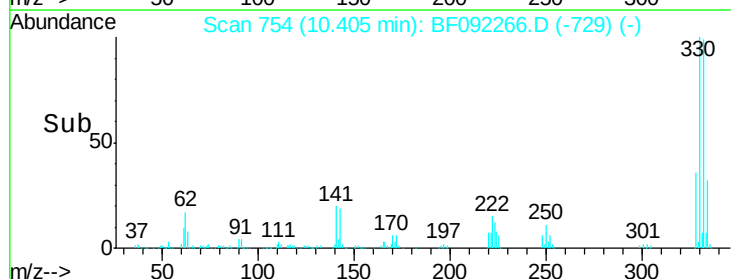
141 33.9 34.1 51.1#

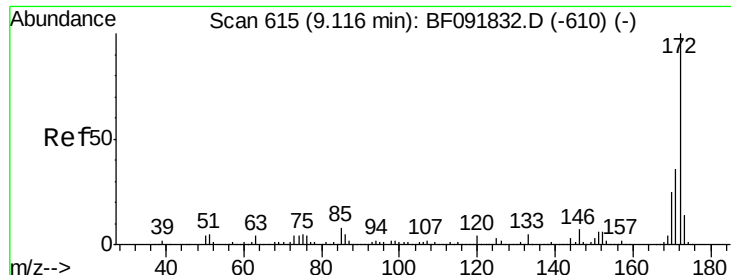


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

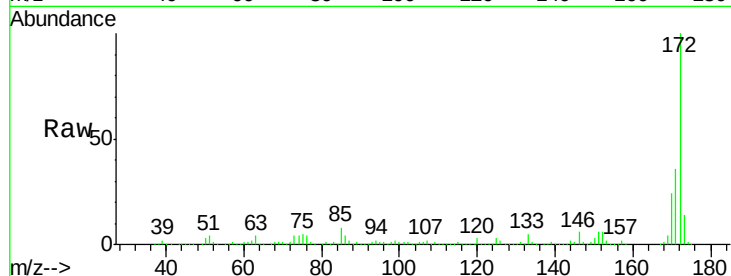




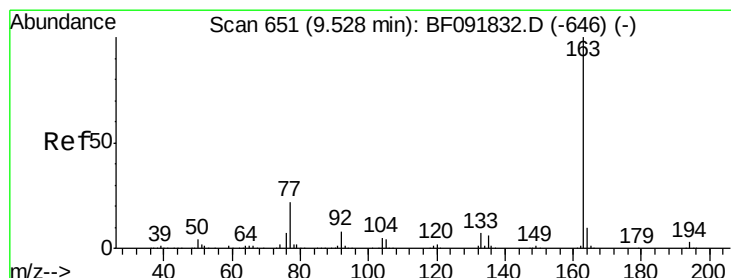
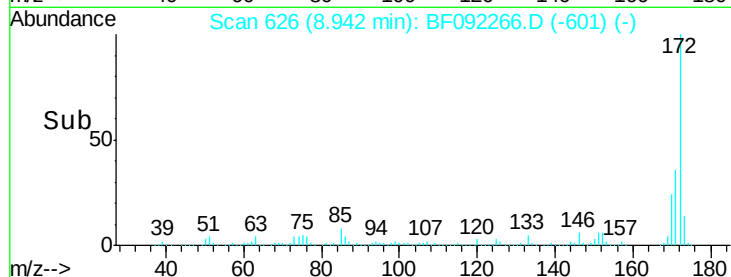
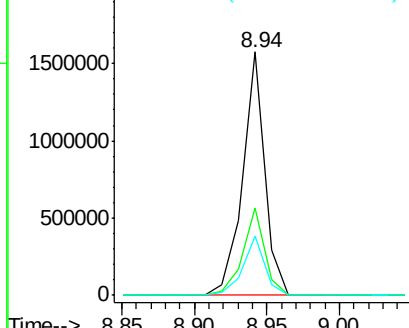
#44
 2-Fluorobiphenyl
 Concen: 84.95 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092266.D
 Acq: 14 Jan 2017 2:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0029

Tgt Ion:172 Resp: 1668962
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.3 20.2 30.4

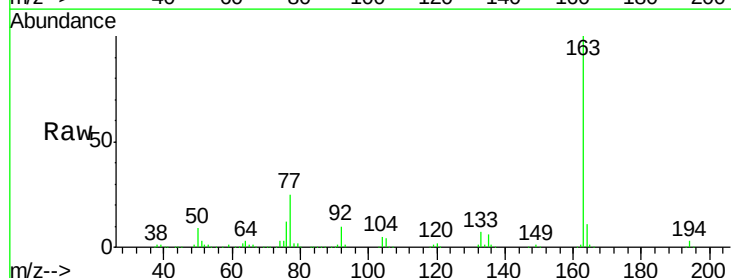


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

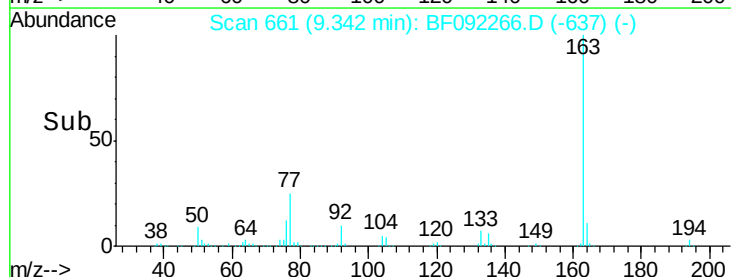
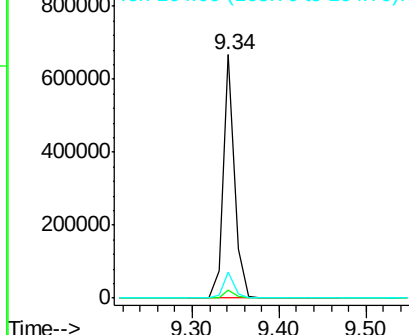


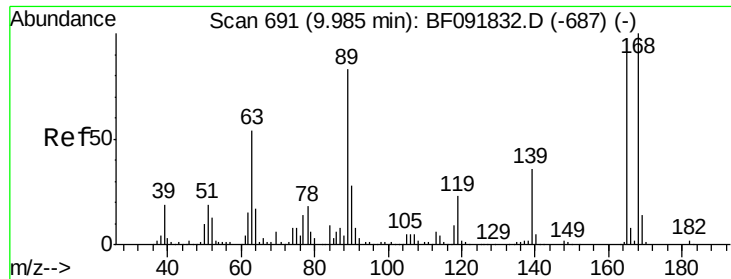
#49
 Dimethylphthalate
 Concen: 23.69 ng
 RT: 9.34 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF092266.D
 Acq: 14 Jan 2017 2:38

Tgt Ion:163 Resp: 609806
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 10.7 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

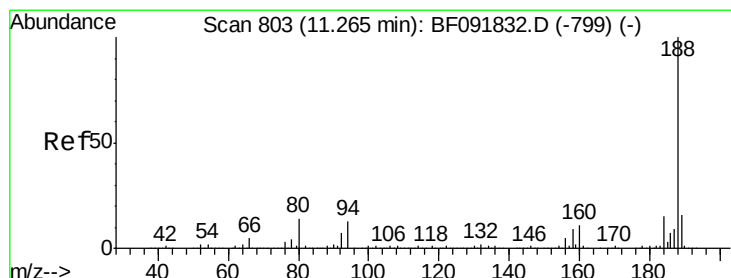
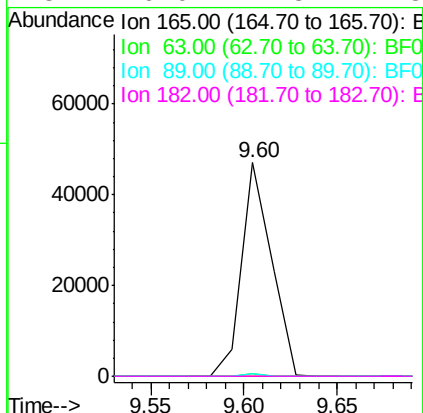
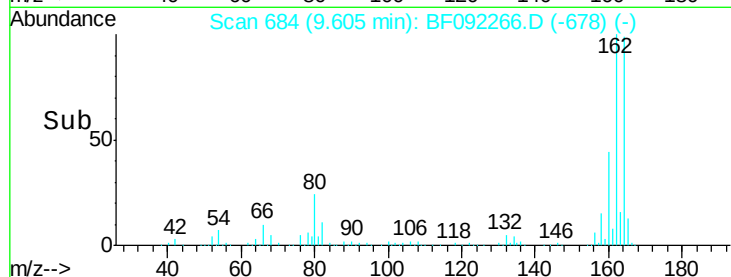
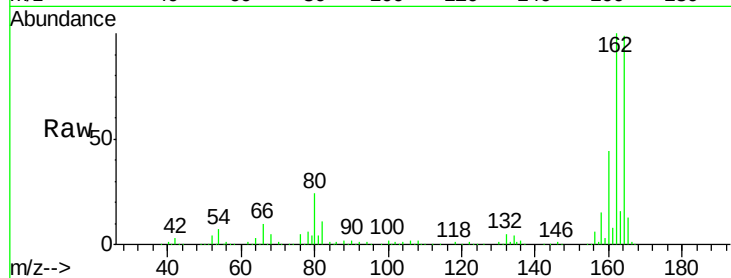




#56
 2,4-Dinitrotoluene
 Concen: 7.42 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.23 min
 Lab File: BF092266.D
 Acq: 14 Jan 2017 2:38

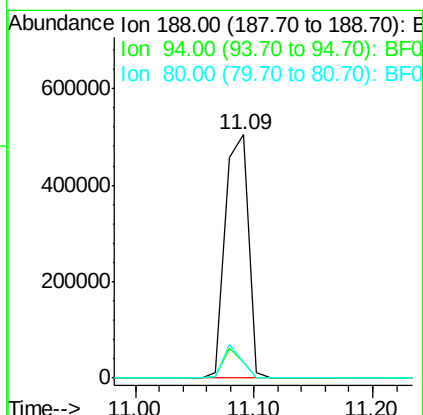
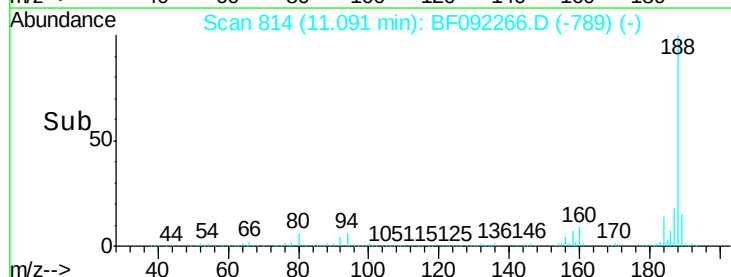
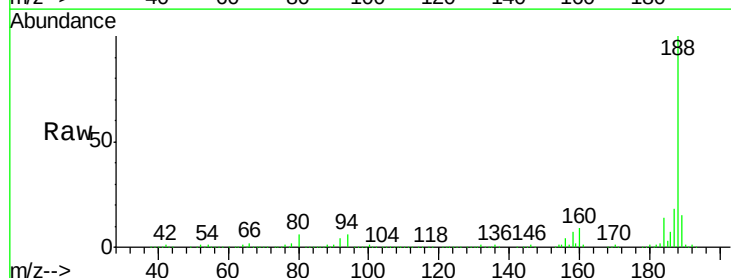
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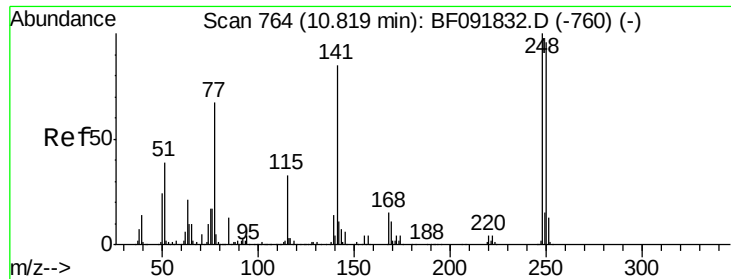
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092266.D
 Acq: 14 Jan 2017 2:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	10.0	15.0#
80	6.3	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 3.92 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

Instrument :

BNA_F

ClientSampleId :

COMP-0029

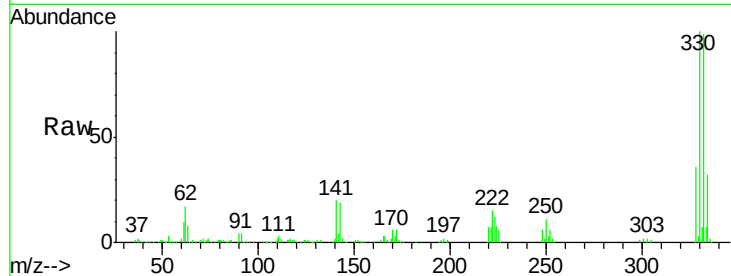
Tgt Ion:248 Resp: 27691

Ion Ratio Lower Upper

248 100

250 202.8 76.9 115.3#

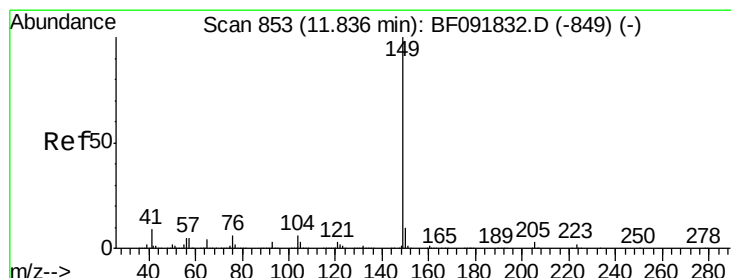
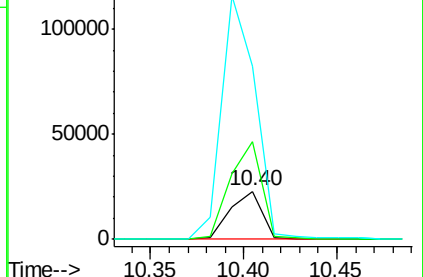
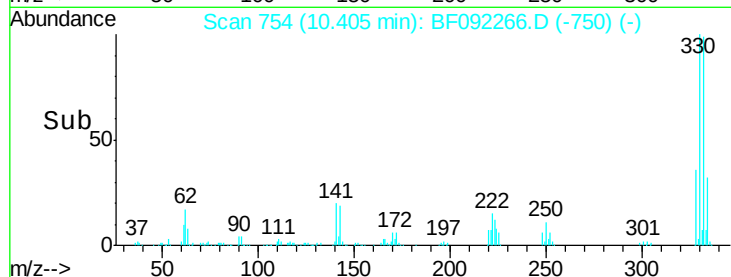
141 358.6 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.66 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

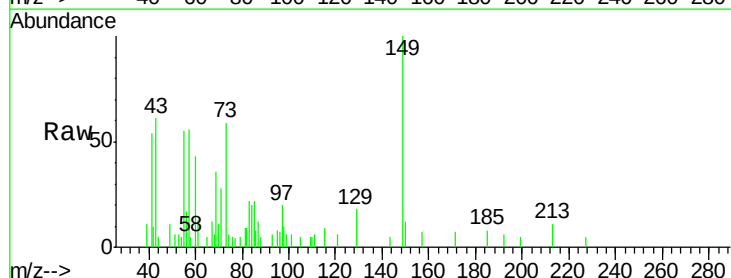
Tgt Ion:149 Resp: 6259

Ion Ratio Lower Upper

149 100

150 12.2 8.1 12.1#

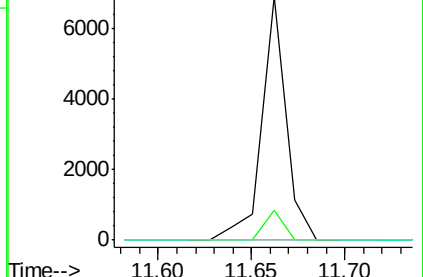
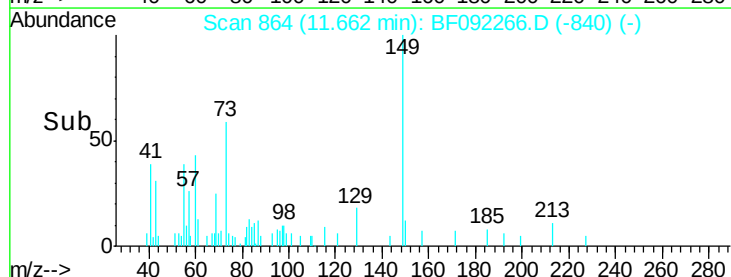
104 0.0 4.6 7.0#

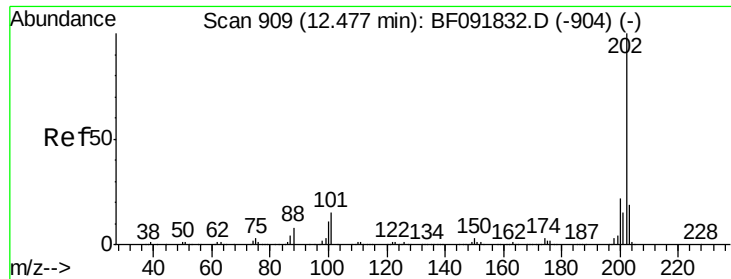


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

Instrument :

BNA_F

ClientSampleId :

COMP-0029

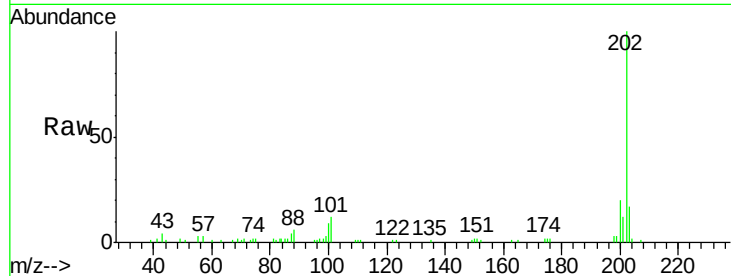
Tgt Ion:202 Resp: 35785

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.6

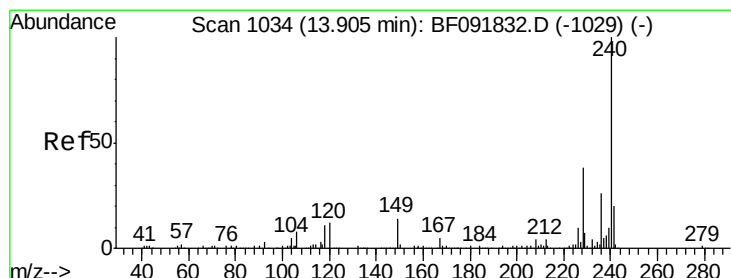
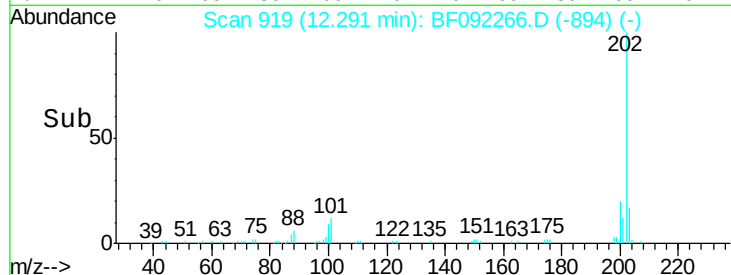
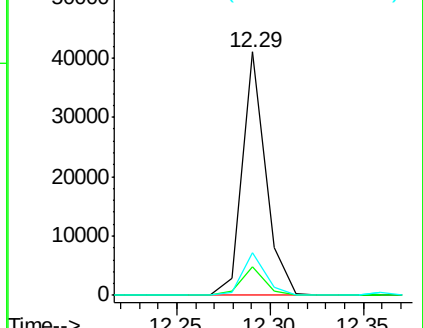
203 17.3 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

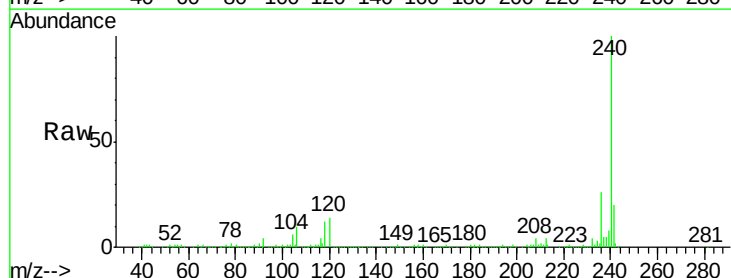
Tgt Ion:240 Resp: 473655

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

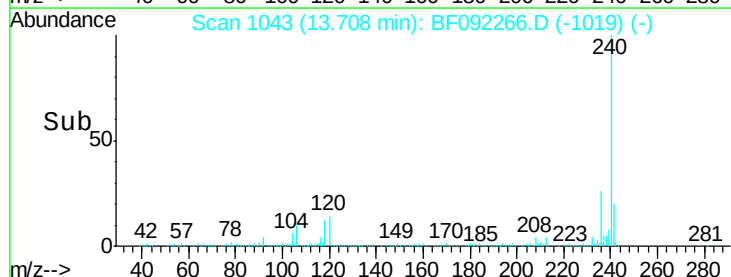
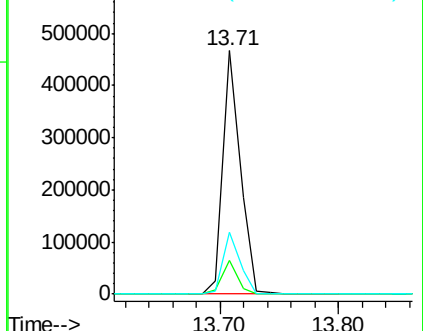
236 25.7 20.9 31.3

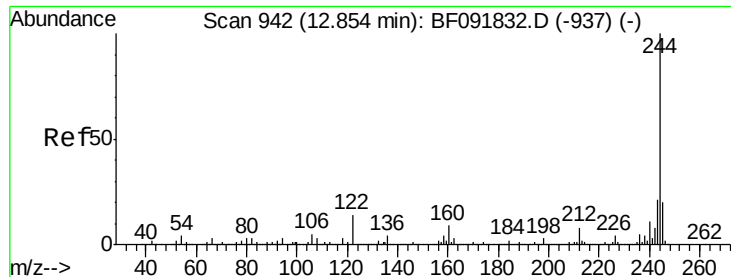


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.90 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092266.D

Acq: 14 Jan 2017 2:38

Instrument :

BNA_F

ClientSampleId :

COMP-0029

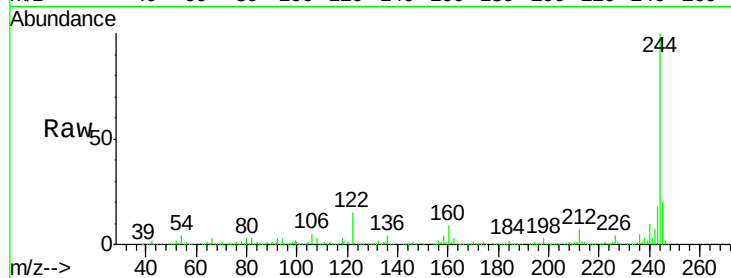
Tgt Ion:244 Resp: 1443236

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

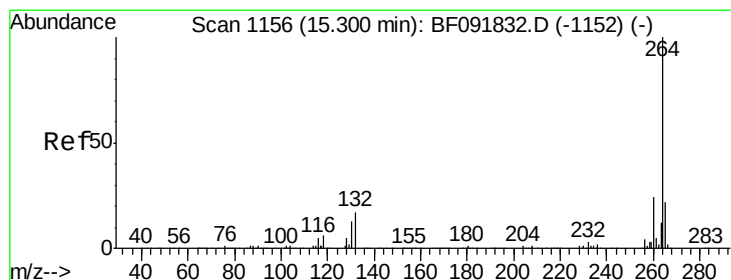
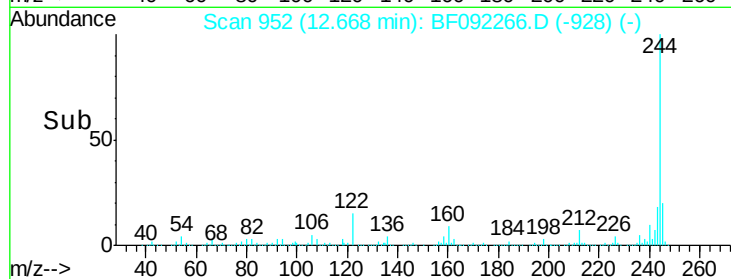
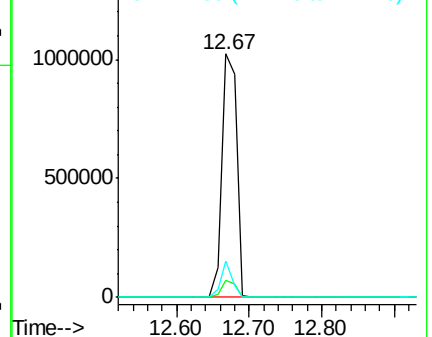
122 15.1 11.4 17.2



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: BF092266.D

Acq: 14 Jan 2017 2:38

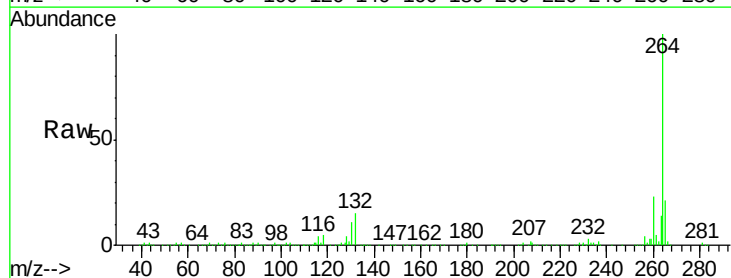
Tgt Ion:264 Resp: 368002

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.9 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

