

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093517.D
 Acq On : 10 Mar 2017 11:25
 Operator : SJ/MA
 Sample : I2176-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-05

Quant Time: Mar 10 12:40:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

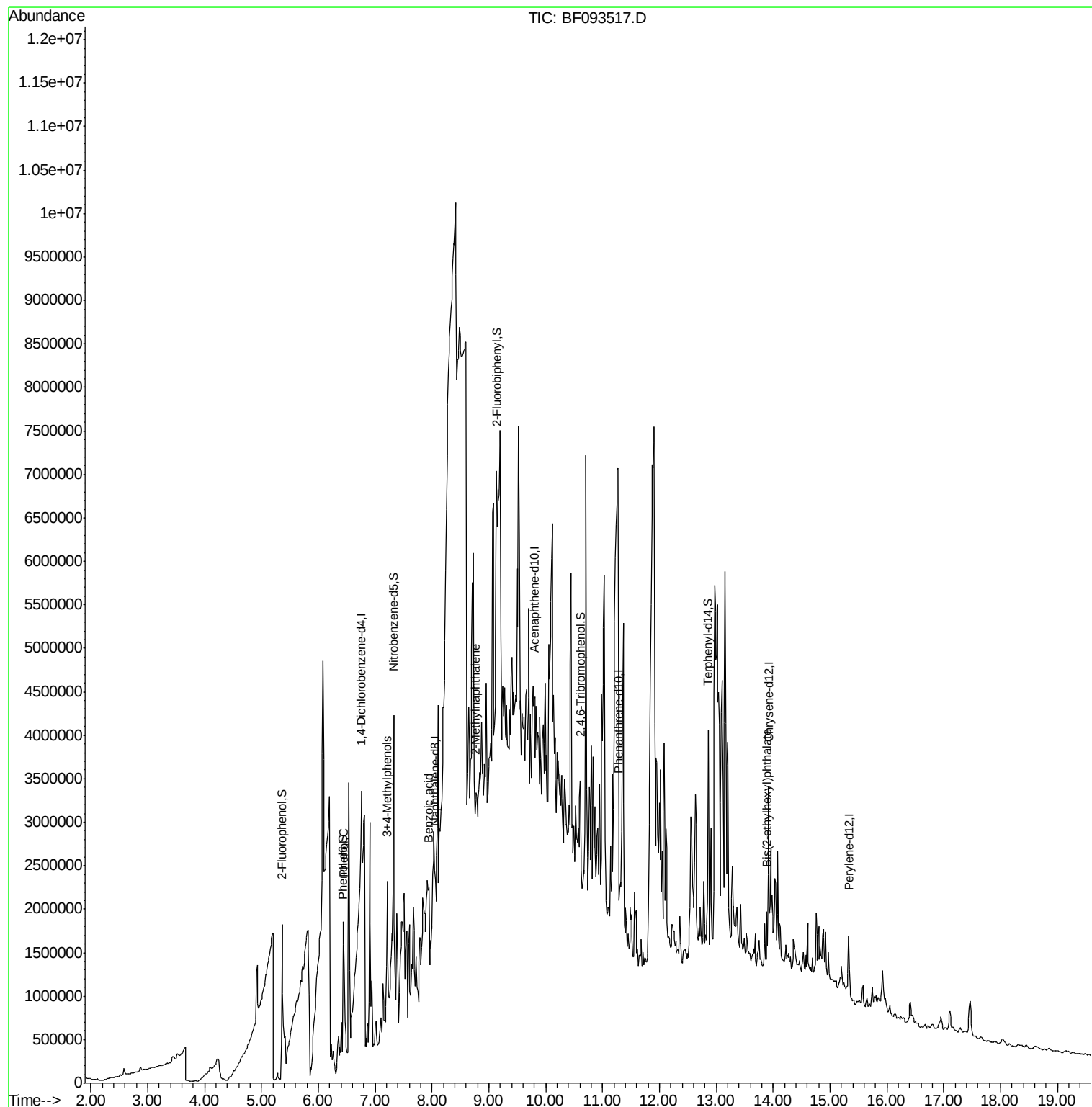
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	168053	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	641358	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	246894	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	442328	20.00	ng	0.00
75) Chrysene-d12	13.92	240	322359	20.00	ng	0.00
86) Perylene-d12	15.33	264	350832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	628217	62.22	ng	0.01
7) Phenol-d6	6.44	99	611194	48.00	ng	0.02
23) Nitrobenzene-d5	7.33	82	835785	72.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	236362	146.94	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1302362	98.12	ng	0.00
78) Terphenyl-d14	12.86	244	878264	70.83	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	689195	44.17	ng	# 75
20) 3+4-Methylphenols	7.21	107	767257	61.83	ng	# 66
32) Benzoic acid	7.94	122	759167	151.52	ng	95
37) 2-Methylnaphthalene	8.77	142	98926	4.84	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.89	149	201300	14.63	ng	98

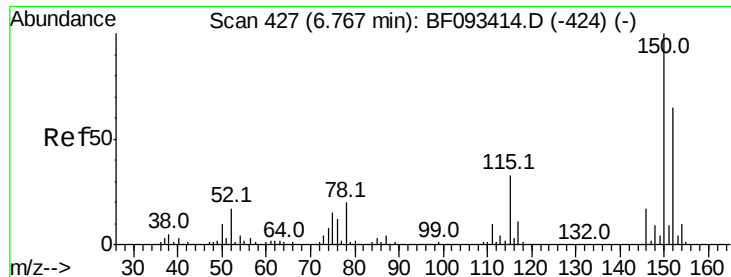
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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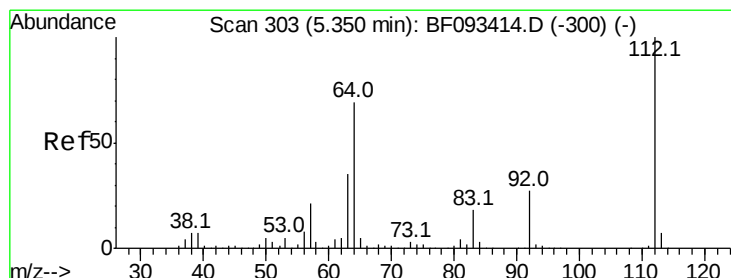
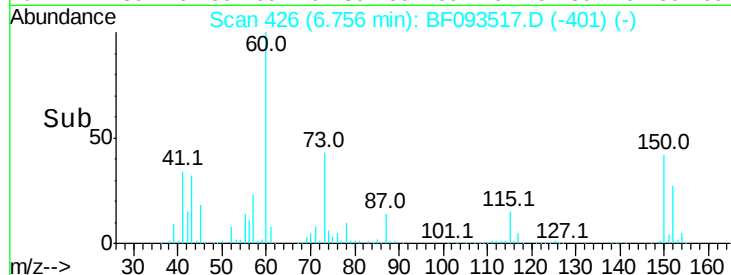
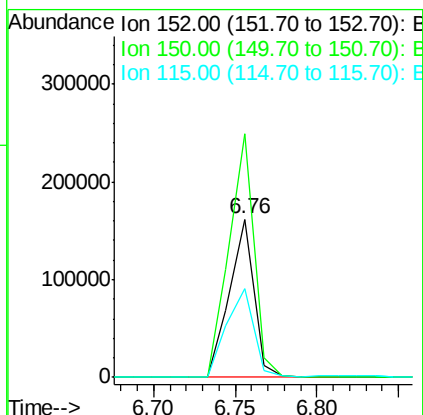
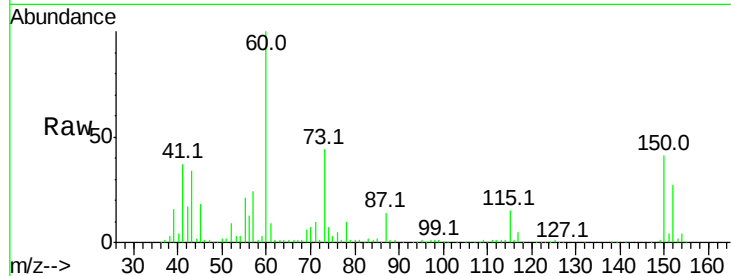


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 EW-05

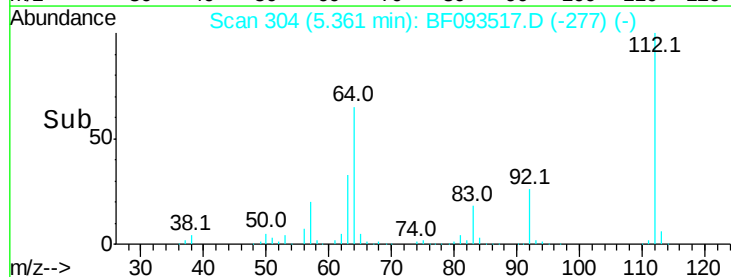
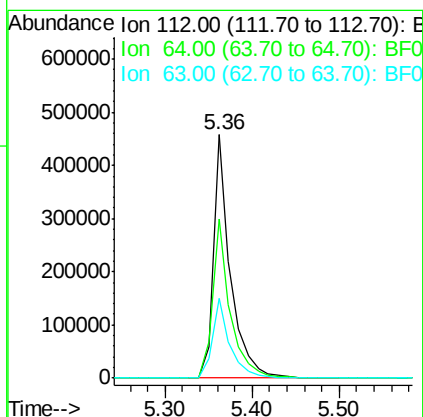
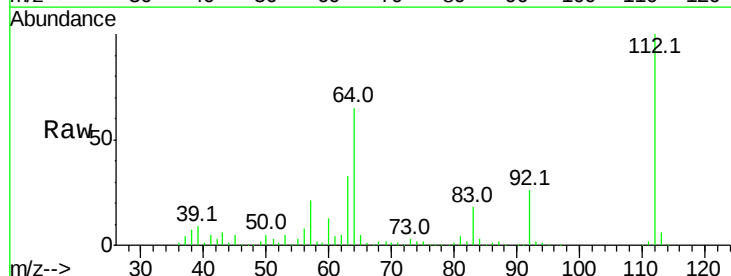
Tot Ion:152 Resp: 168053
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.9 187.3
 115 55.8 46.0 69.0

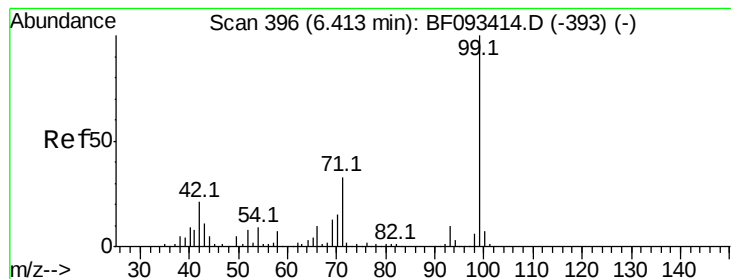


#5

2-Fluorophenol
 Concen: 62.22 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

Tgt Ion:112 Resp: 628217
 Ion Ratio Lower Upper
 112 100
 64 65.1 46.1 69.1
 63 32.9 23.8 35.6





#7

Phenol-d6

Concen: 48.00 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF093517.D

Acq: 10 Mar 2017 11:25

Instrument :

BNA_F

ClientSampleId :

EW-05

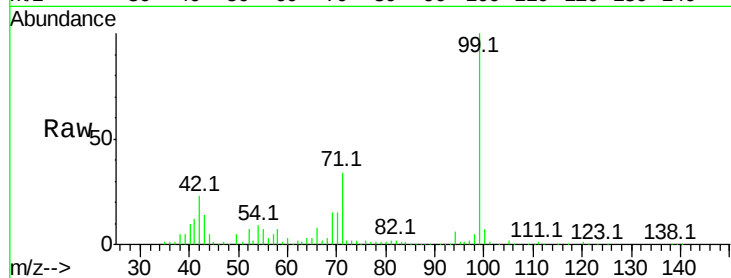
Tot Ion: 99 Resp: 611194

Ion Ratio Lower Upper

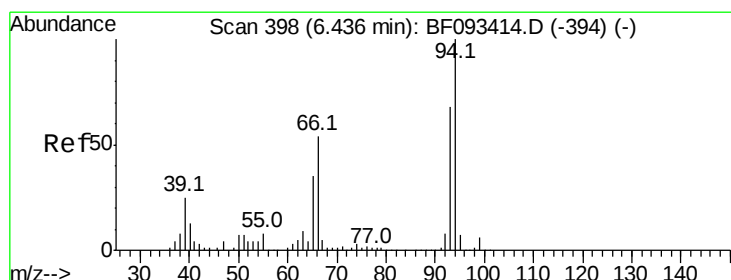
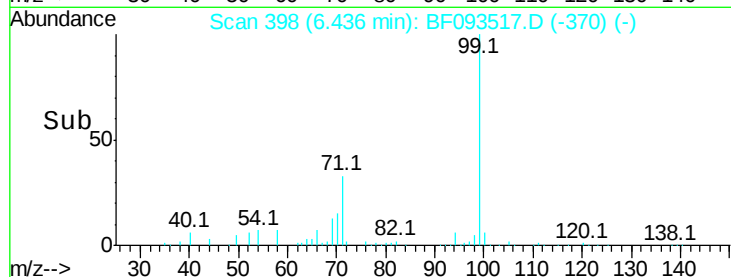
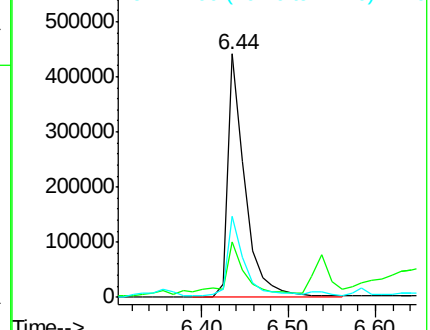
99 100

42 22.8 15.6 23.4

71 33.6 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: 44.17 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF093517.D

Acq: 10 Mar 2017 11:25

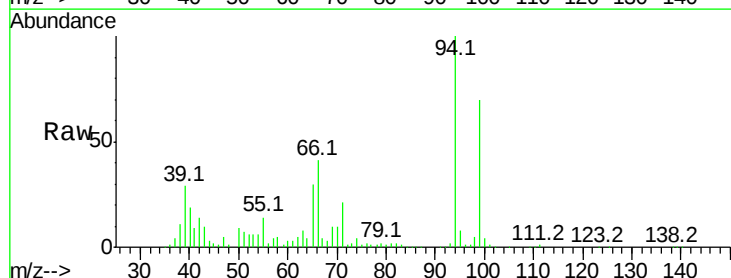
Tgt Ion: 94 Resp: 689195

Ion Ratio Lower Upper

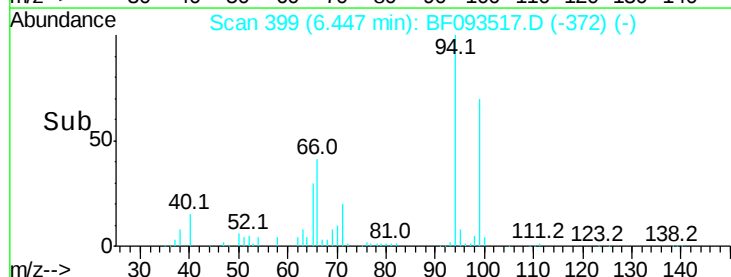
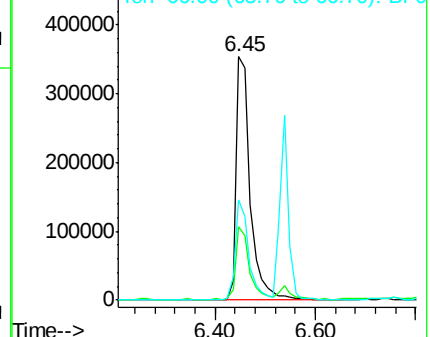
94 100

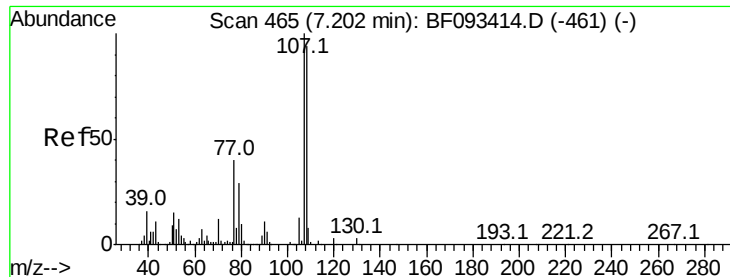
65 30.1 21.4 61.4

66 41.0 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

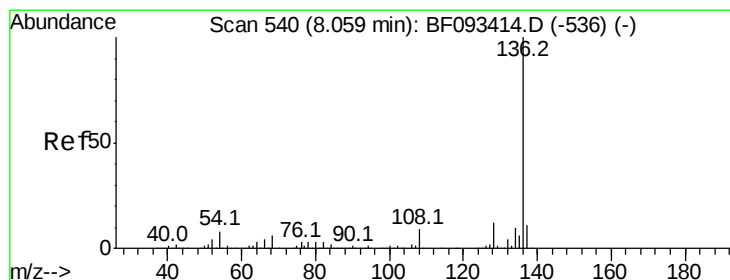
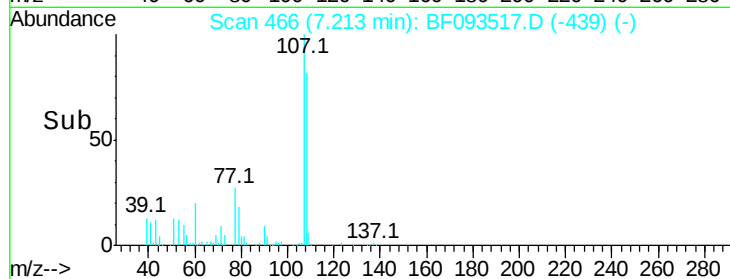
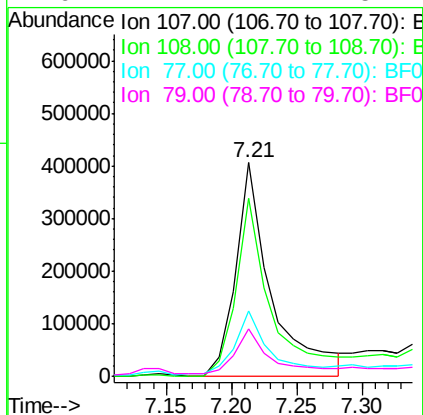
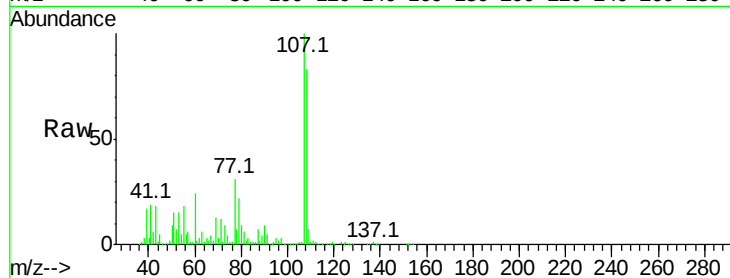




#20
3+4-Methylphenols
Concen: 61.83 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF093517.D
Acq: 10 Mar 2017 11:25

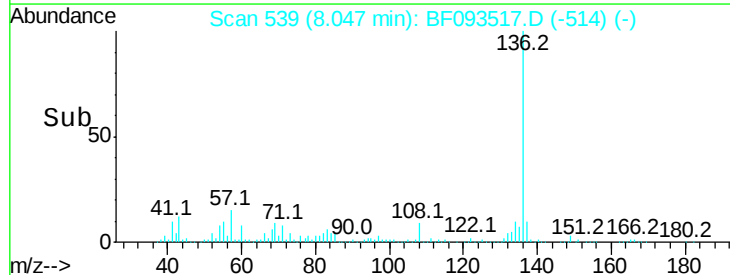
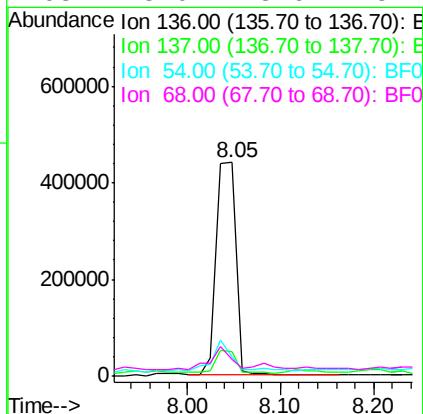
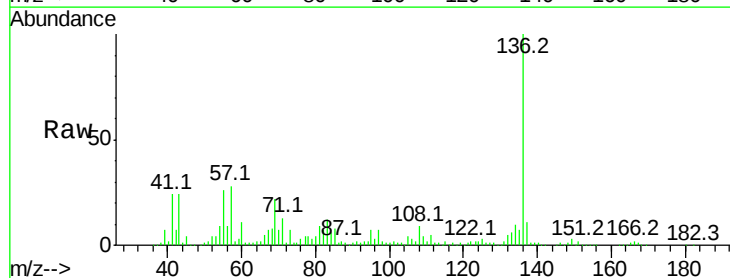
Instrument :
BNA_F
ClientSampleId :
EW-05

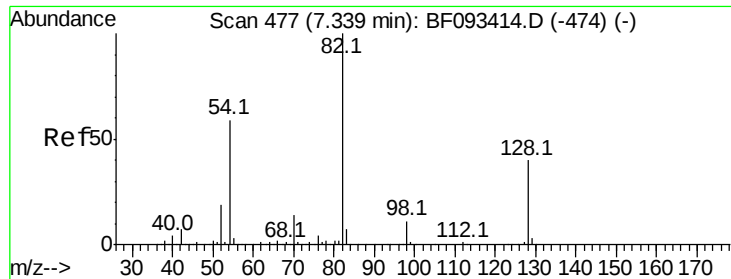
Tot Ion:	107	Resp:	767257
Ion	Ratio	Lower	Upper
107	100		
108	83.3	73.0	113.0
77	30.5	71.3	111.3#
79	22.1	11.1	51.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093517.D
Acq: 10 Mar 2017 11:25

Tgt Ion:	136	Resp:	641358
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.3	4.5	6.7#
68	8.0	3.6	5.4#

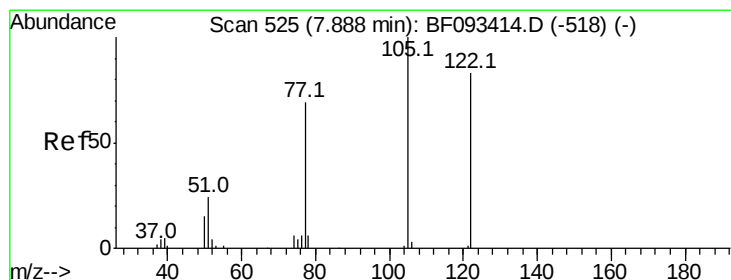
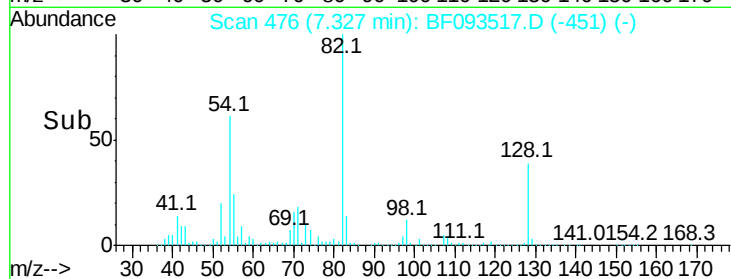
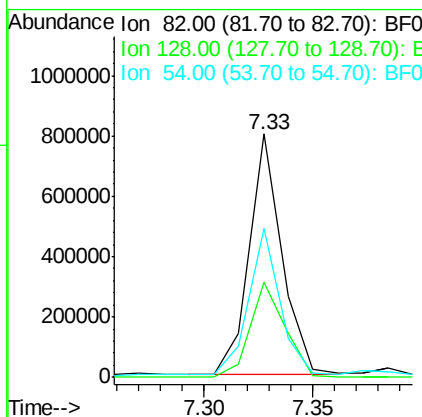
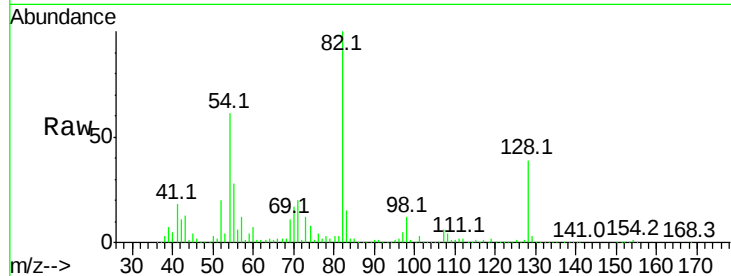




#23
 Nitrobenzene-d5
 Concen: 72.30 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

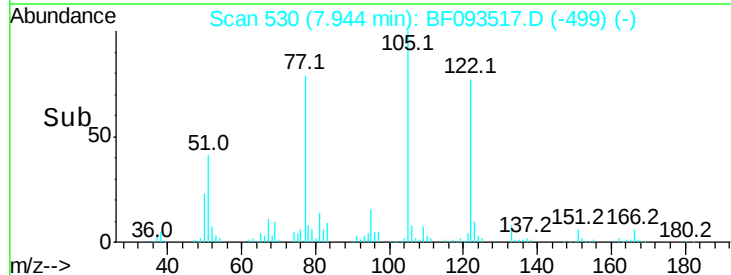
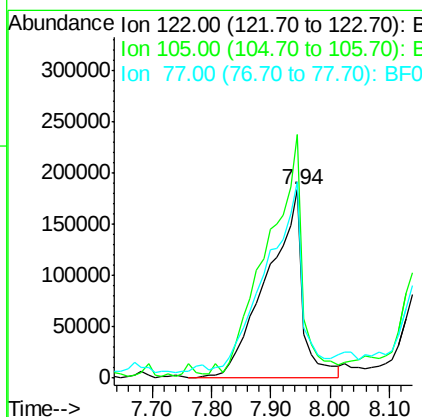
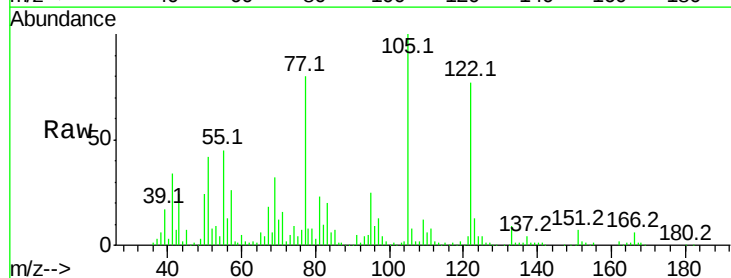
Instrument :
 BNA_F
 ClientSampled :
 EW-05

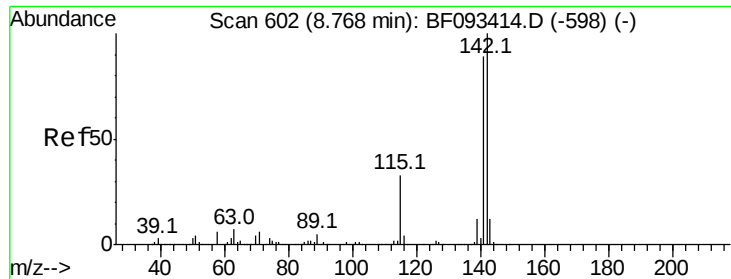
Tot Ion: 82 Resp: 835785
 Ion Ratio Lower Upper
 82 100
 128 39.3 34.6 52.0
 54 61.1 39.5 59.3#



#32
 Benzoic acid
 Concen: 151.52 ng
 RT: 7.94 min Scan# 530
 Delta R.T. 0.06 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

Tgt Ion:122 Resp: 759167
 Ion Ratio Lower Upper
 122 100
 105 129.2 107.2 147.2
 77 104.0 74.5 114.5

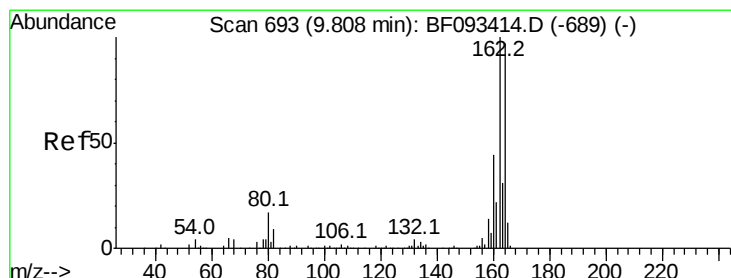
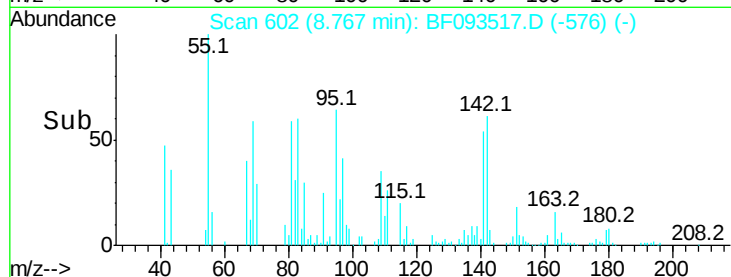
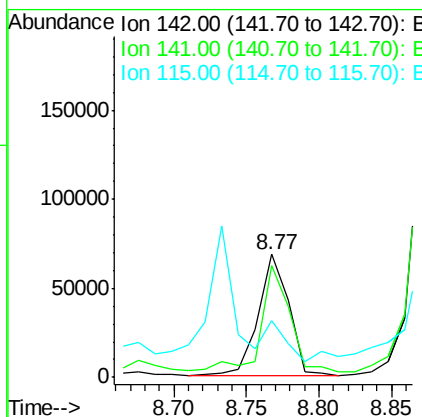
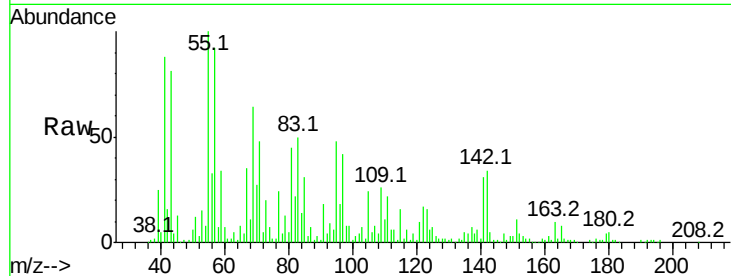




#37
 2-Methylnaphthalene
 Concen: 4.84 ng
 RT: 8.77 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

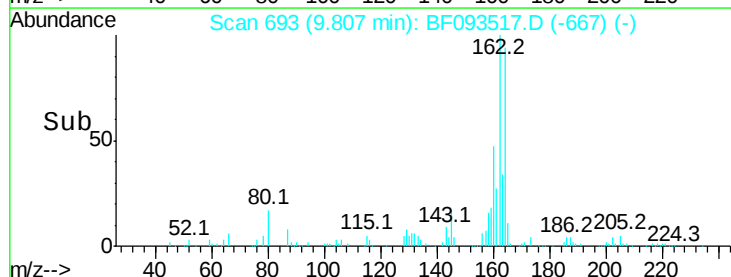
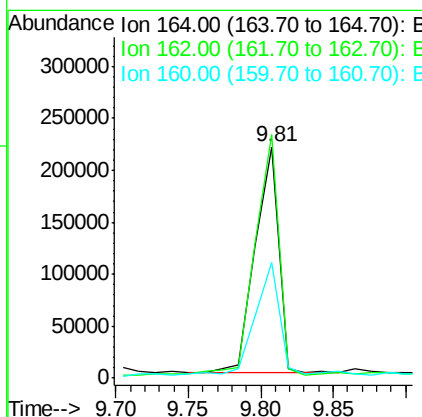
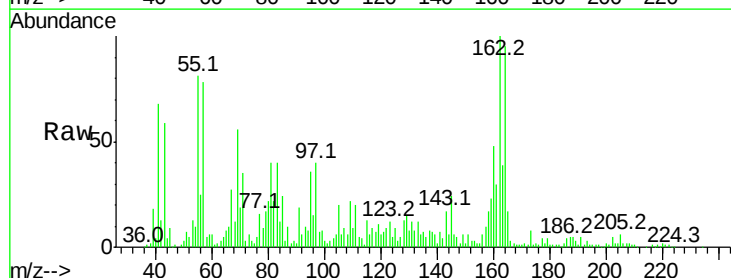
Instrument :
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 ClientSampleId :
 EW-05

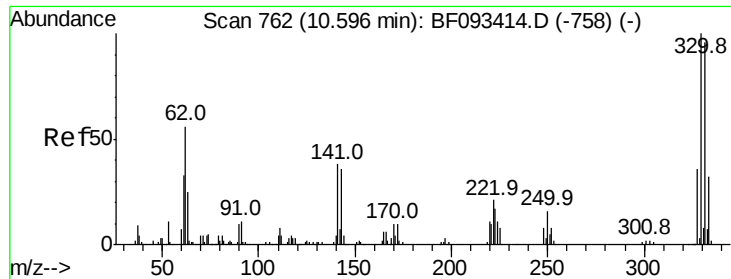
Tot Ion:142 Resp: 98926
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.0 106.6
 115 46.7 28.3 42.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

Tgt Ion:164 Resp: 246894
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.2 120.2
 160 50.2 36.9 55.3

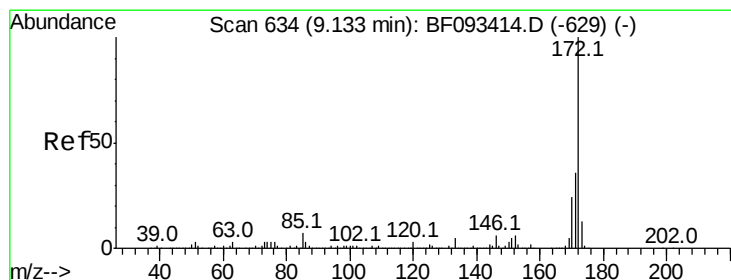
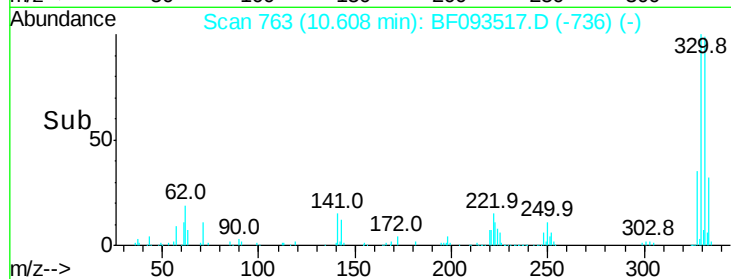
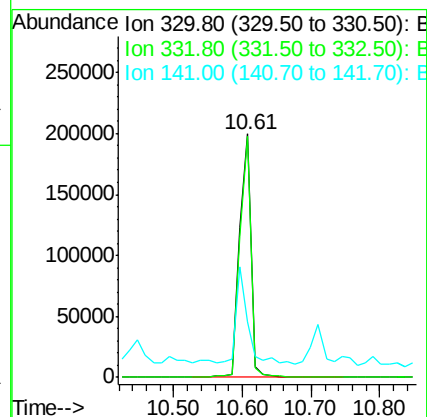
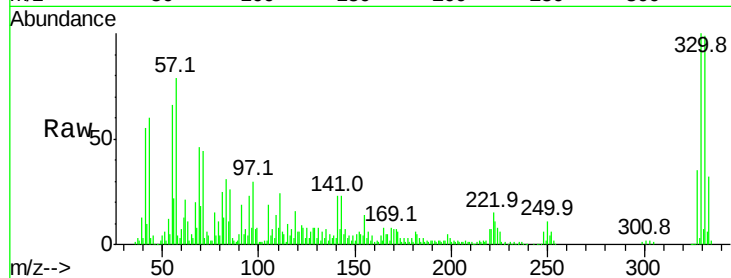




#41
 2,4,6-Tribromophenol
 Concen: 146.94 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

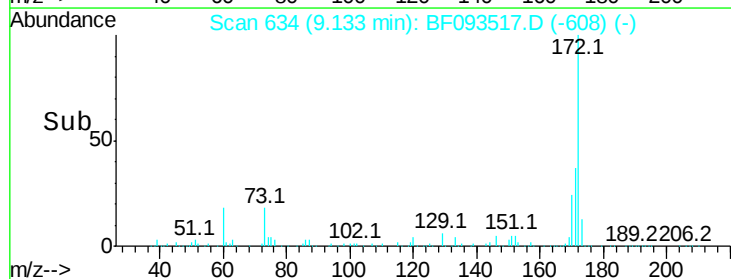
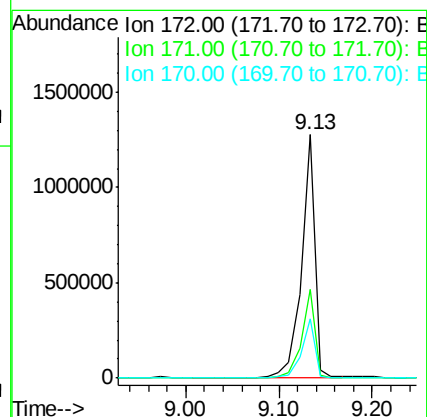
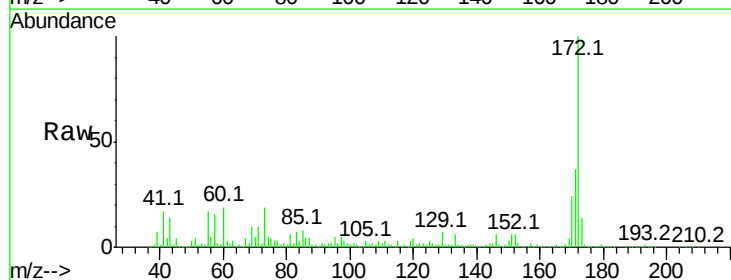
Instrument :
 BNA_F
 ClientSampleId :
 EW-05

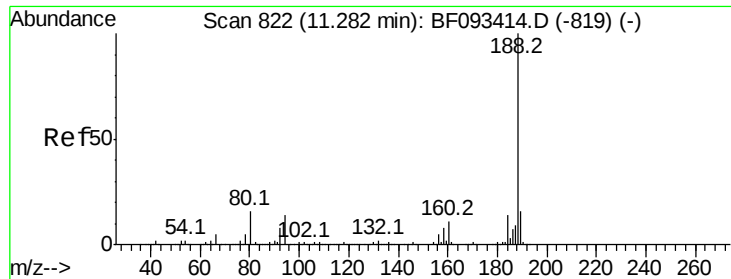
Tot Ion:330 Resp: 236362
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 40.4 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 98.12 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

Tgt Ion:172 Resp: 1302362
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.2 20.2 30.4

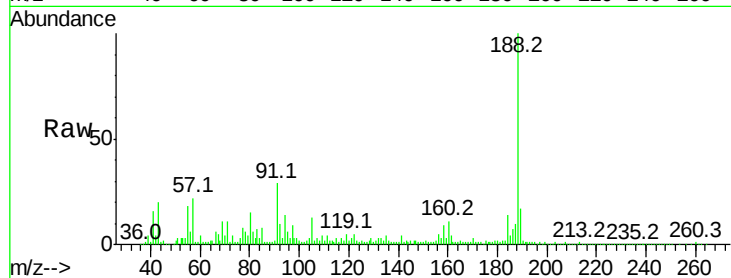




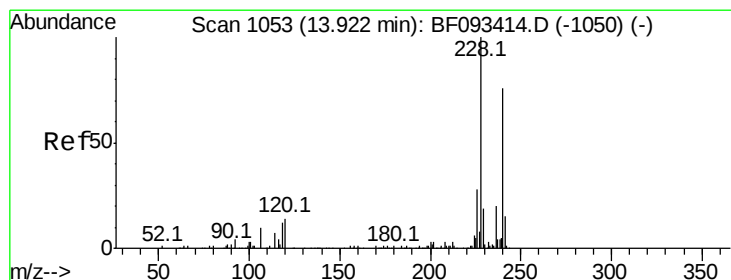
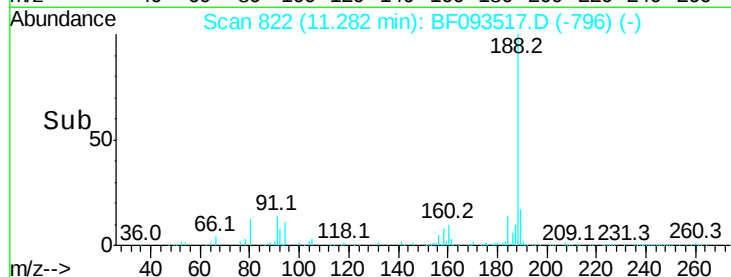
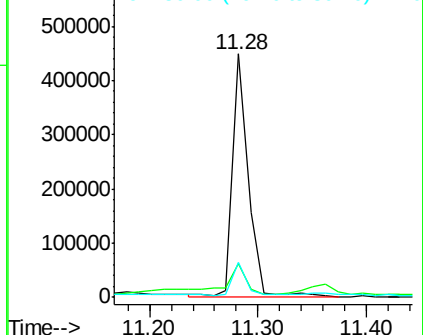
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093517.D
Acq: 10 Mar 2017 11:25

Instrument :
BNA_F
ClientSampleId :
EW-05

Tot Ion:188 Resp: 442328
Ion Ratio Lower Upper
188 100
94 13.6 10.0 15.0
80 14.5 11.2 16.8

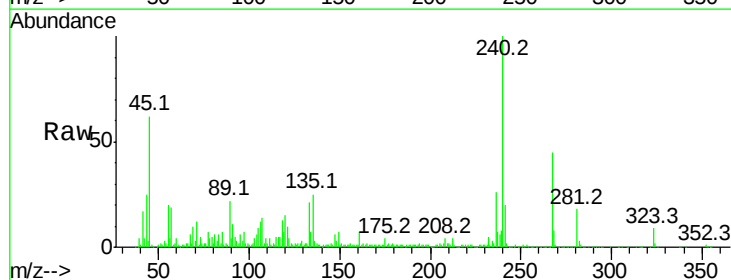


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

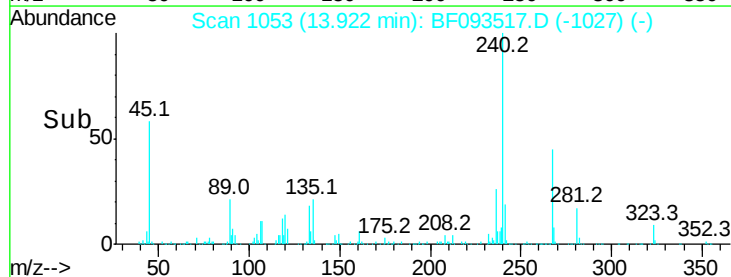
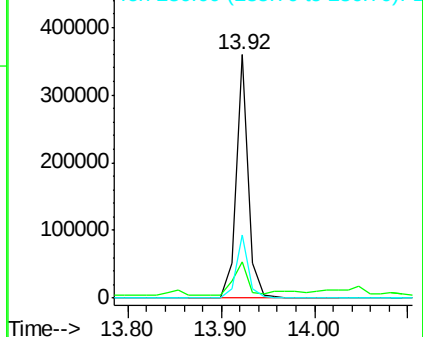


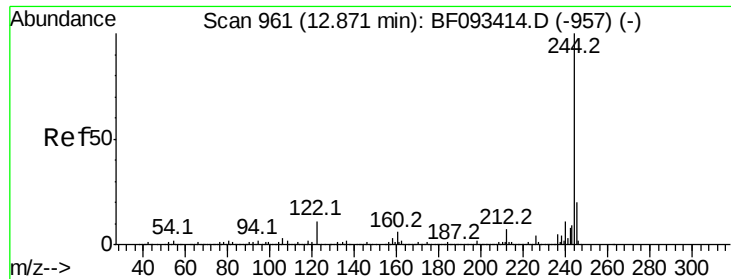
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF093517.D
Acq: 10 Mar 2017 11:25

Tgt Ion:240 Resp: 322359
Ion Ratio Lower Upper
240 100
120 14.8 12.9 19.3
236 25.8 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

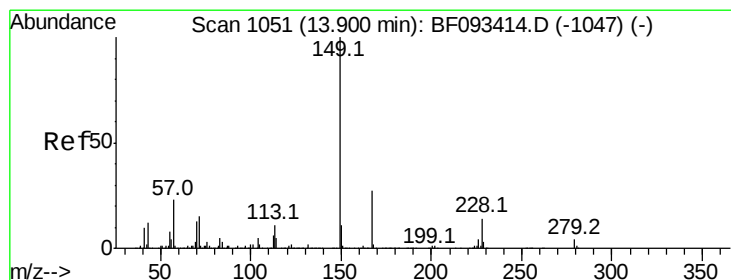
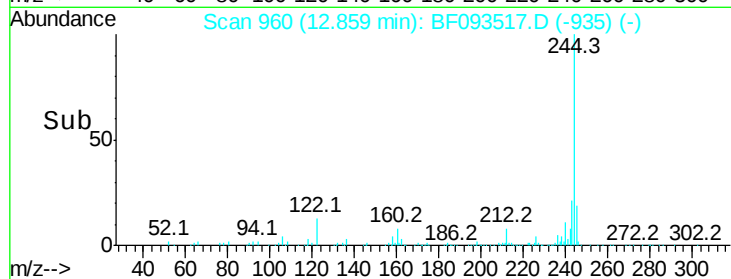
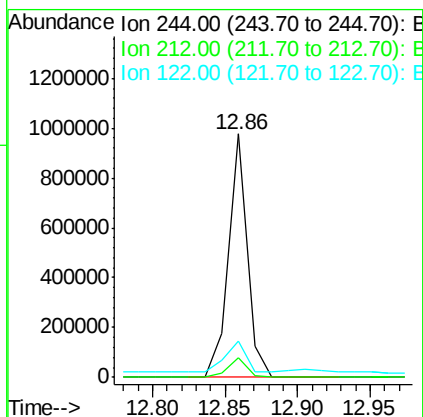
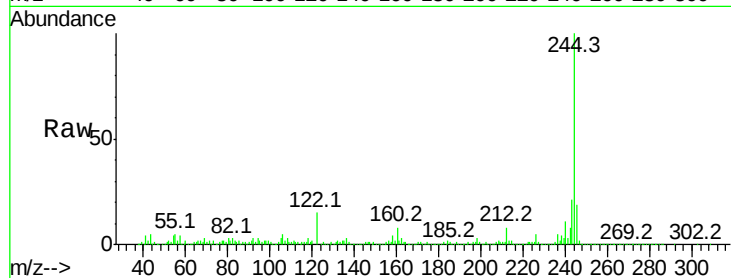




#78
 Terphenyl-d14
 Concen: 70.83 ng
 RT: 12.86 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

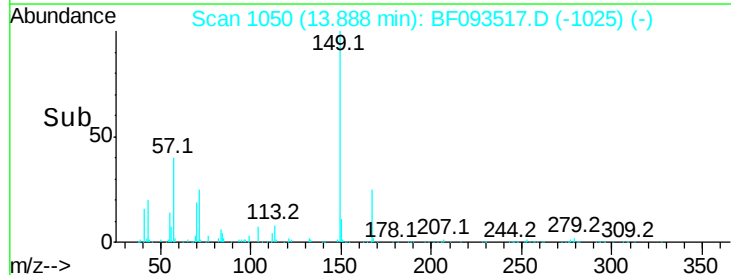
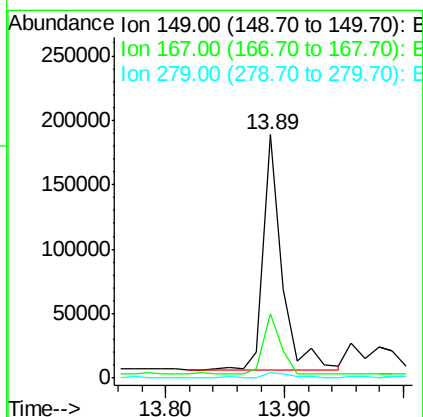
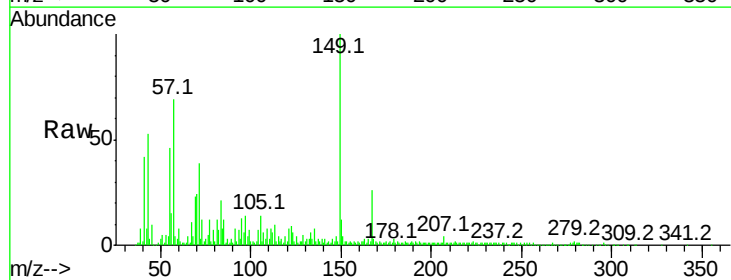
Instrument :
 BNA_F
 ClientSampleId :
 EW-05

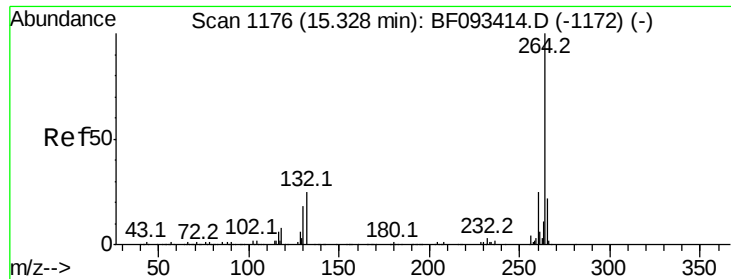
Tot Ion:244 Resp: 878264
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 14.8 11.4 17.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 14.63 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

Tgt Ion:149 Resp: 201300
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.4
 279 2.4 1.8 2.8

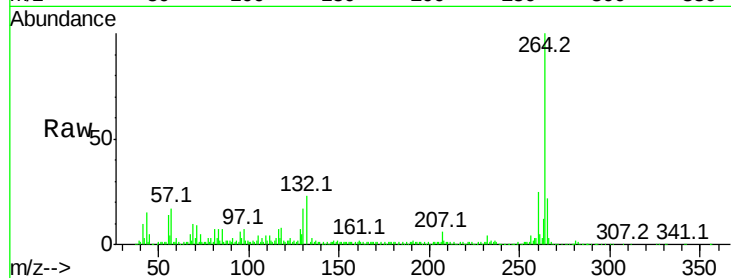




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF093517.D
 Acq: 10 Mar 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 EW-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	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

