

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083062.D
 Acq On : 20 Nov 2015 4:53
 Operator : UM/IZ
 Sample : G4436-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ON-1593

Quant Time: Nov 20 08:02:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132287	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	501057	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	260642	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	536135	20.00	ng	0.00
75) Chrysene-d12	13.85	240	480012	20.00	ng	-0.01
86) Perylene-d12	15.23	264	383710	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	982620	115.37	ng	0.02
7) Phenol-d6	6.35	99	1218320	108.61	ng	0.00
23) Nitrobenzene-d5	7.26	82	882685	80.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	412624	149.11	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1507325	77.89	ng	-0.01
78) Terphenyl-d14	12.81	244	1646362	80.97	ng	0.00

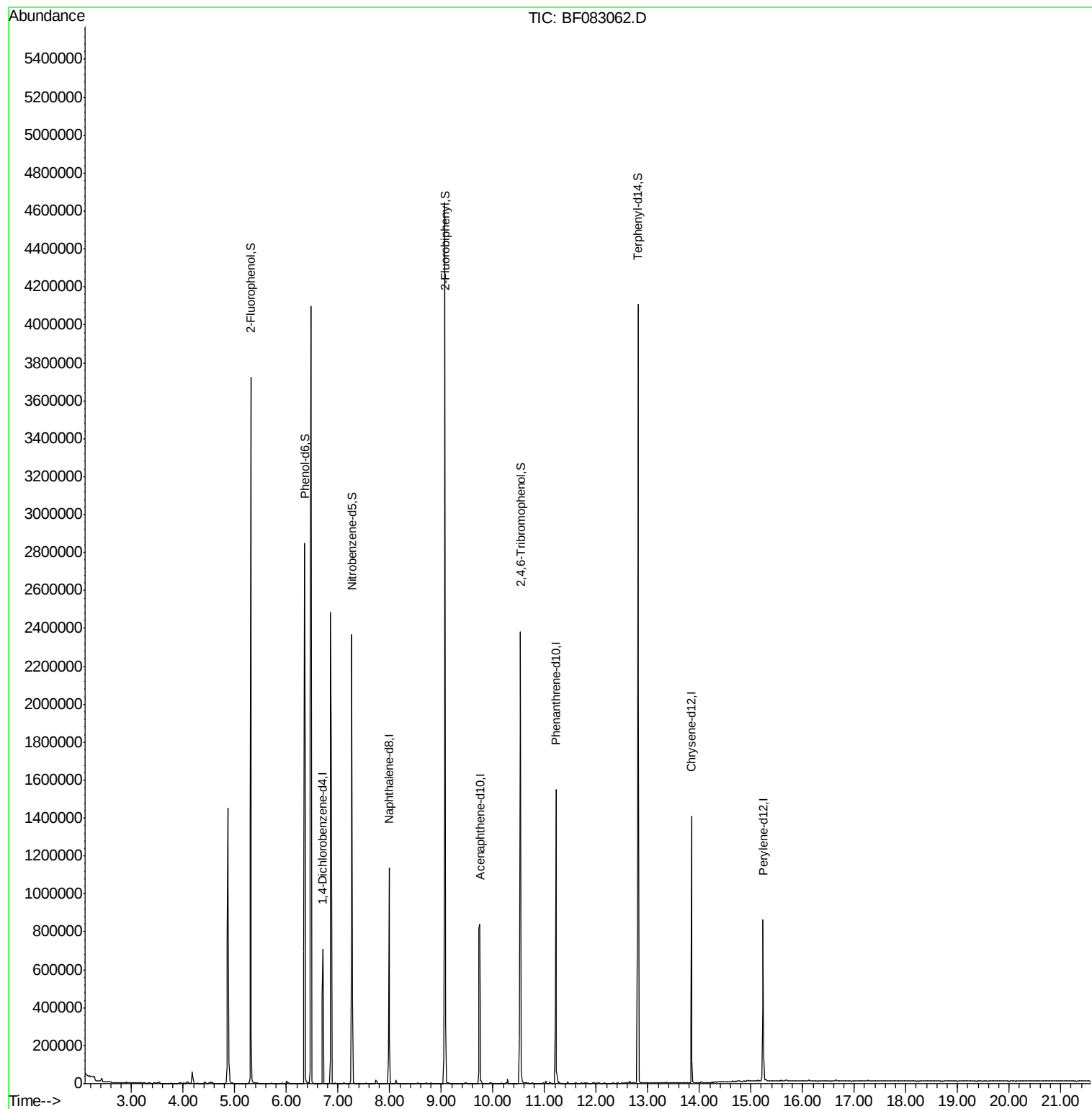
Target Compounds	Qvalue
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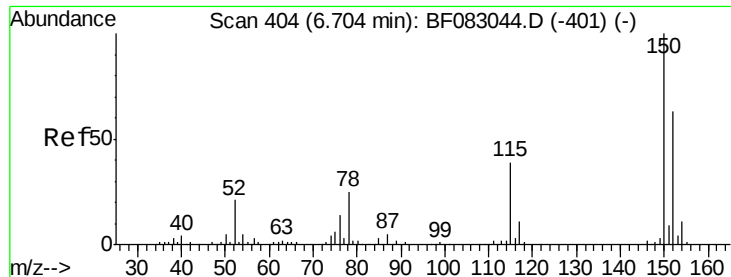
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083062.D

Acq: 20 Nov 2015 4:53

Instrument :

BNA_F

ClientSampled :

ON-1593

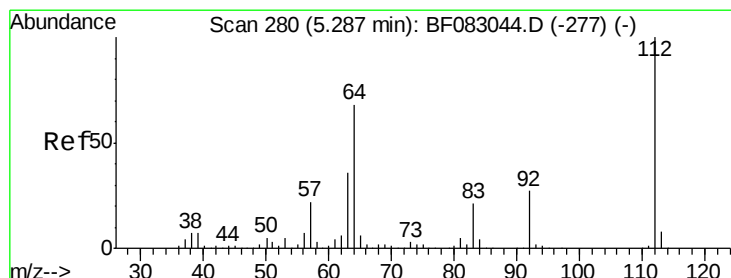
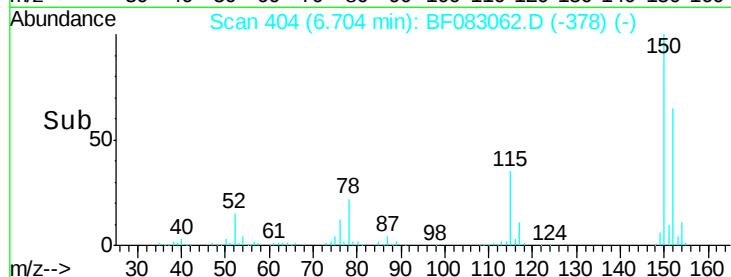
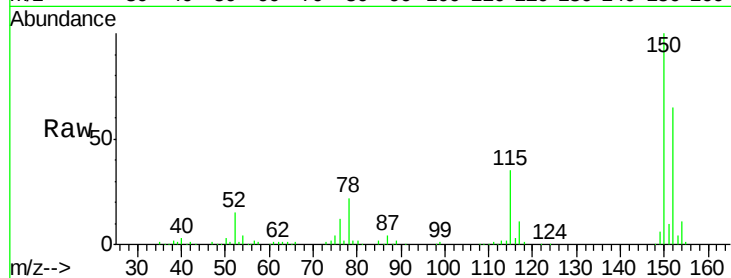
Tgt Ion:152 Resp: 132287

Ion Ratio Lower Upper

152 100

150 154.5 126.4 189.6

115 54.8 49.0 73.6



#5

2-Fluorophenol

Concen: 115.37 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF083062.D

Acq: 20 Nov 2015 4:53

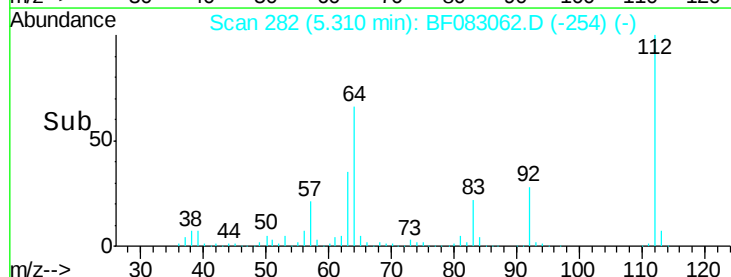
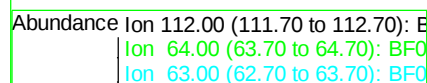
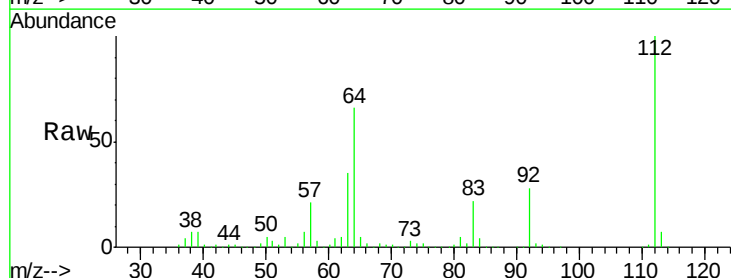
Tgt Ion:112 Resp: 982620

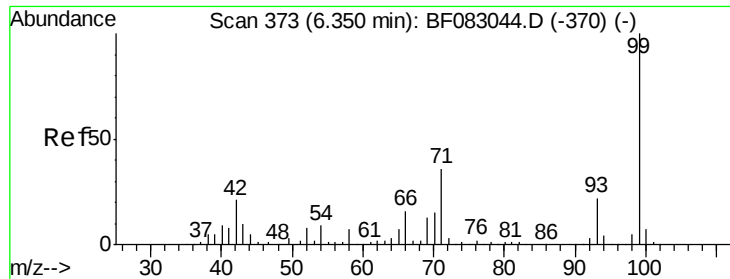
Ion Ratio Lower Upper

112 100

64 66.1 54.8 82.2

63 35.0 29.0 43.4





#7

Phenol-d6

Concen: 108.61 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083062.D

Acq: 20 Nov 2015 4:53

Instrument :

BNA_F

ClientSampleId :

ON-1593

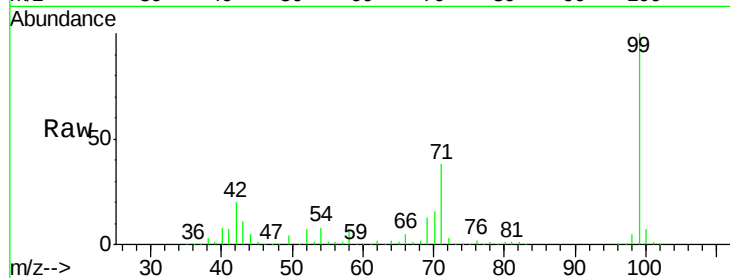
Tgt Ion: 99 Resp: 1218320

Ion Ratio Lower Upper

99 100

42 20.3 16.6 25.0

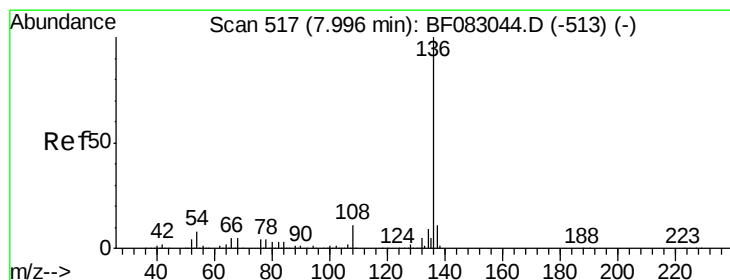
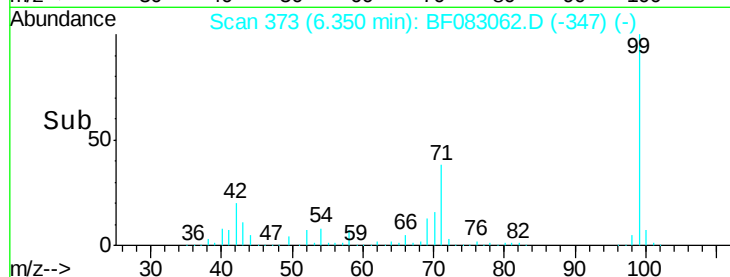
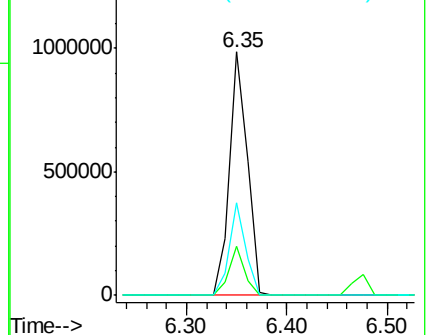
71 37.9 29.2 43.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083062.D

Acq: 20 Nov 2015 4:53

Tgt Ion: 136 Resp: 501057

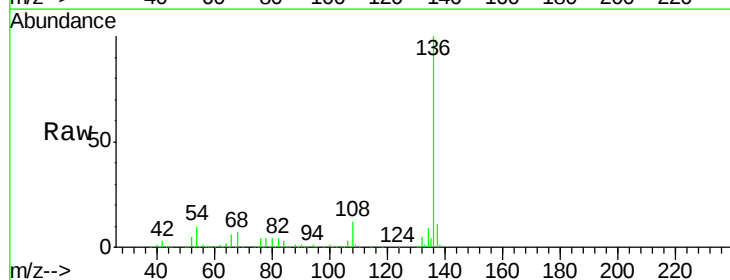
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 9.7 6.2 9.2#

68 6.6 4.2 6.2#

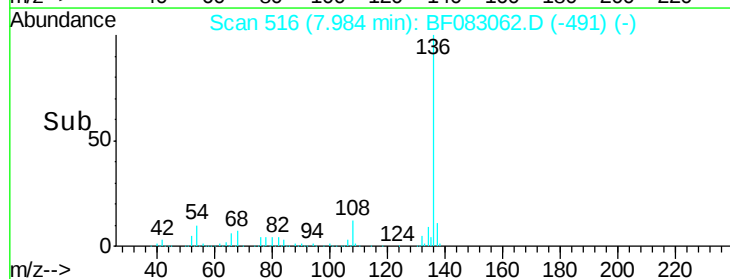
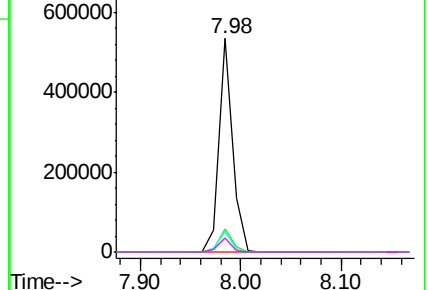


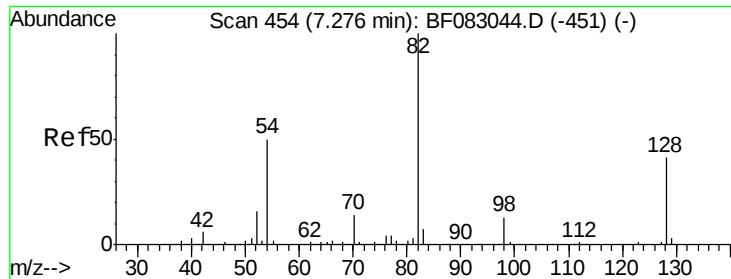
Abundance Ion 136.00 (135.70 to 136.70): E

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

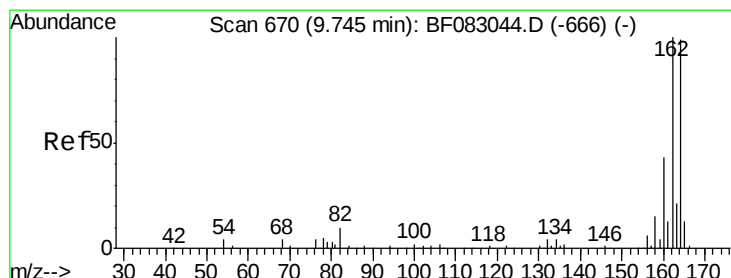
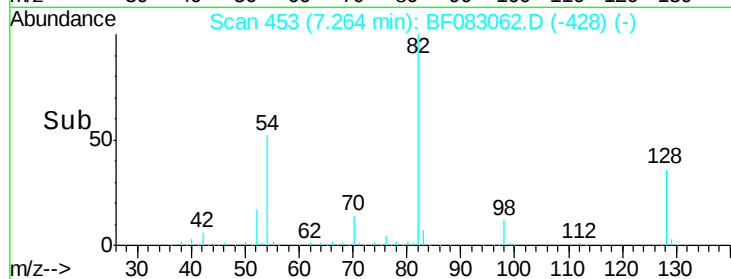
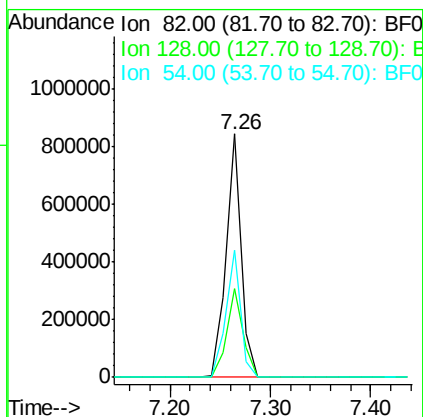
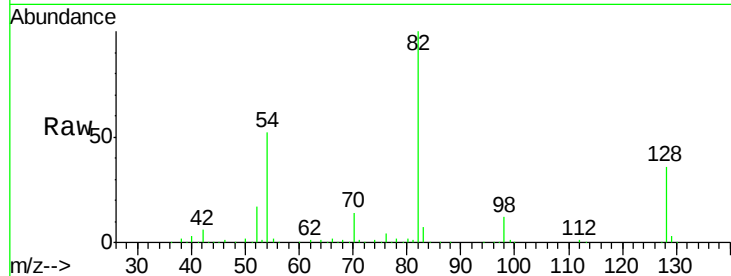




#23
 Nitrobenzene-d5
 Concen: 80.65 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083062.D
 Acq: 20 Nov 2015 4:53

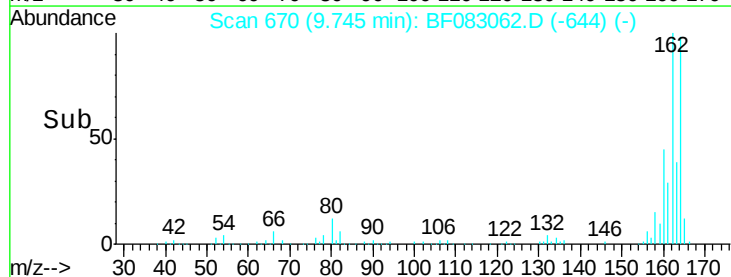
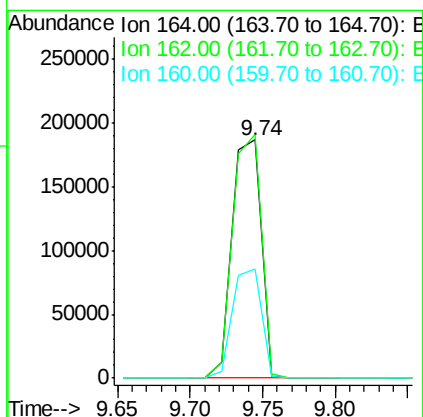
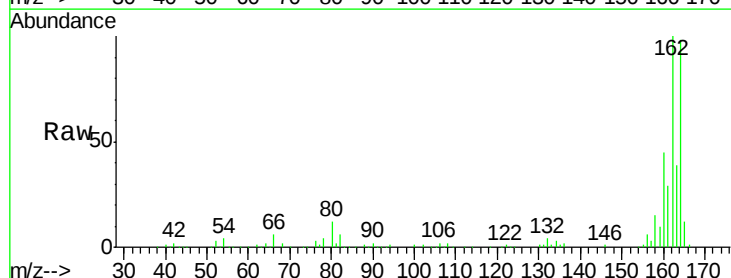
Instrument :
 BNA_F
 ClientSampleId :
 ON-1593

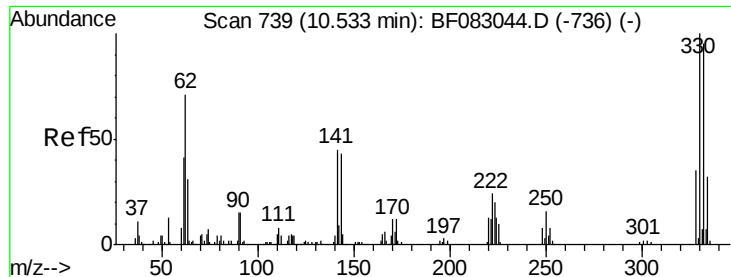
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	33.1	49.7
54	52.0	39.8	59.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083062.D
 Acq: 20 Nov 2015 4:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.5	120.7
160	46.0	35.0	52.4

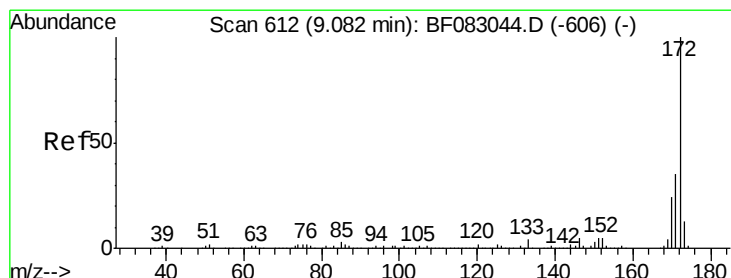
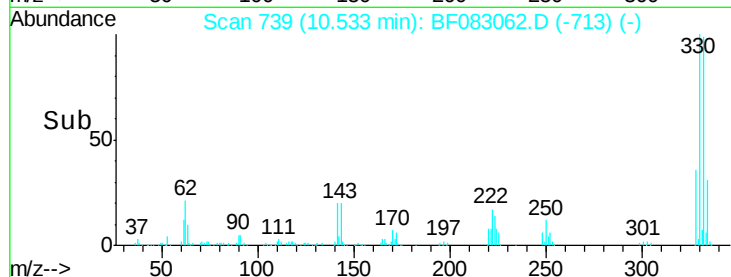
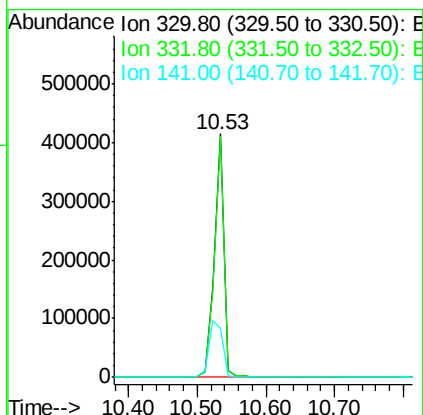
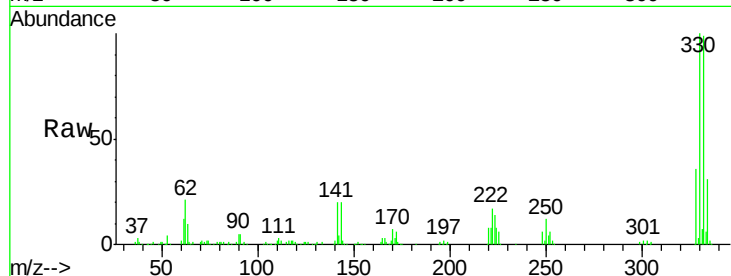




#41
 2,4,6-Tribromophenol
 Concen: 149.11 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083062.D
 Acq: 20 Nov 2015 4:53

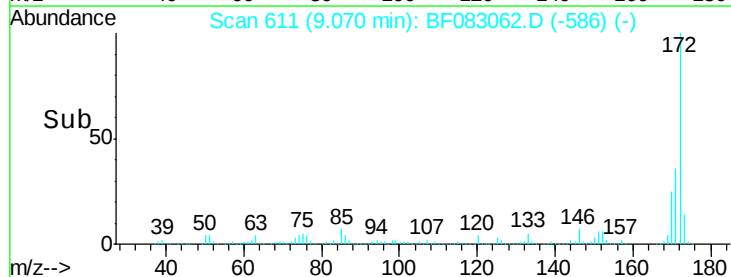
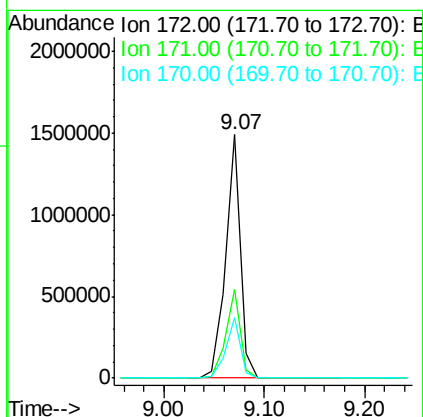
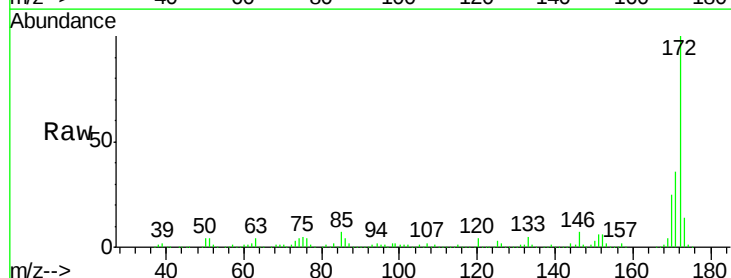
Instrument :
 BNA_F
 ClientSampled :
 ON-1593

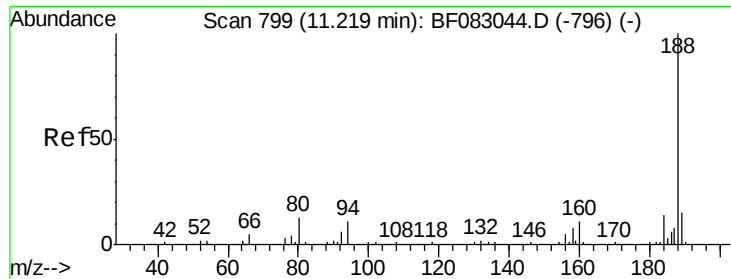
Tgt Ion:330 Resp: 412624
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.6 116.4
 141 33.0 34.6 52.0#



#44
 2-Fluorobiphenyl
 Concen: 77.89 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083062.D
 Acq: 20 Nov 2015 4:53

Tgt Ion:172 Resp: 1507325
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.2 42.4
 170 24.9 19.4 29.0

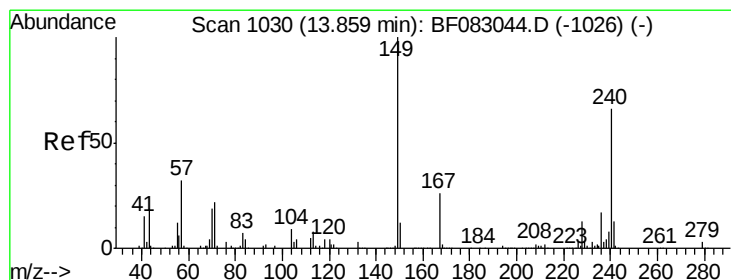
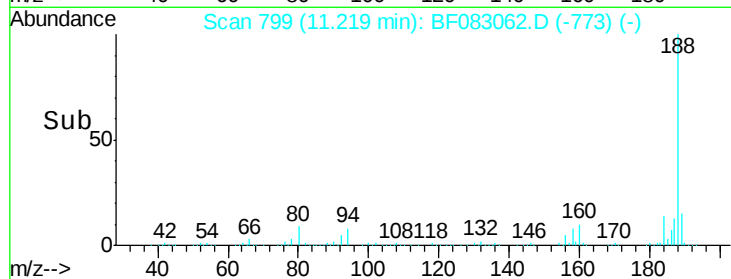
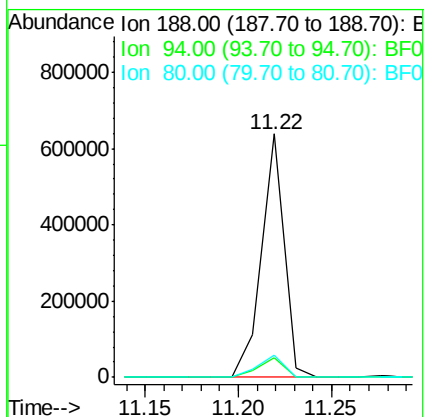
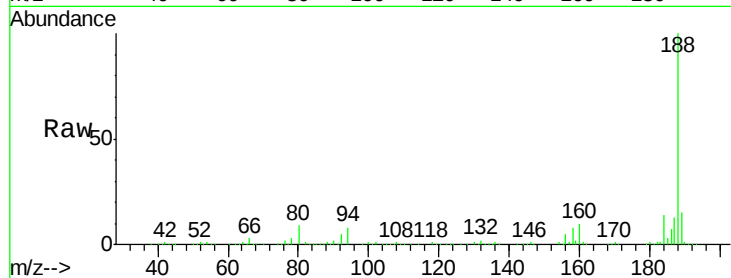




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083062.D
Acq: 20 Nov 2015 4:53

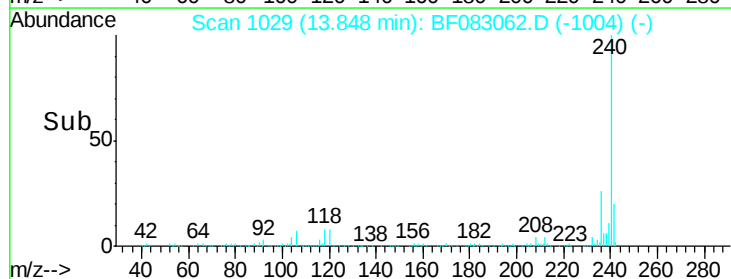
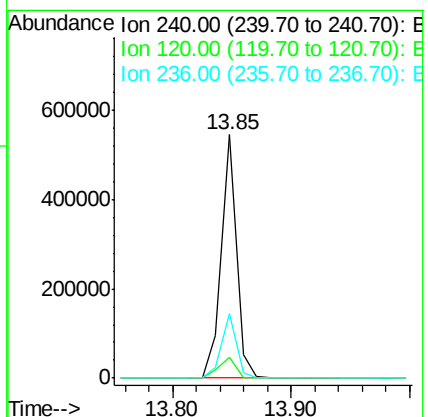
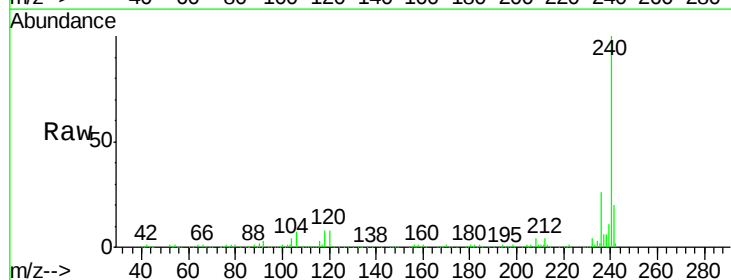
Instrument :
BNA_F
ClientSampleId :
ON-1593

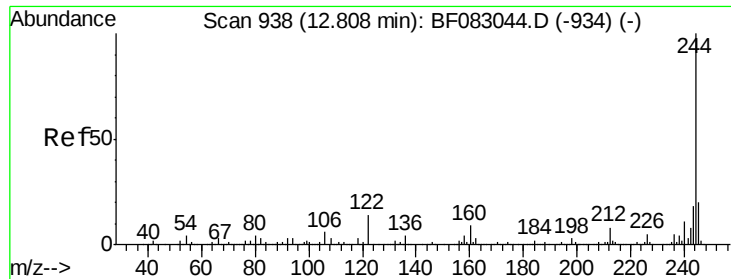
Tgt Ion:188 Resp: 536135
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.4#
80 9.3 10.2 15.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083062.D
Acq: 20 Nov 2015 4:53

Tgt Ion:240 Resp: 480012
Ion Ratio Lower Upper
240 100
120 8.5 5.3 7.9#
236 26.3 20.4 30.6

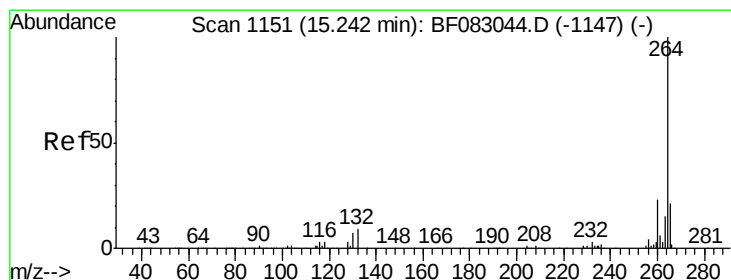
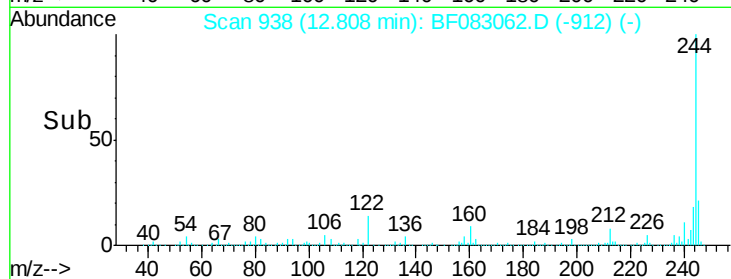
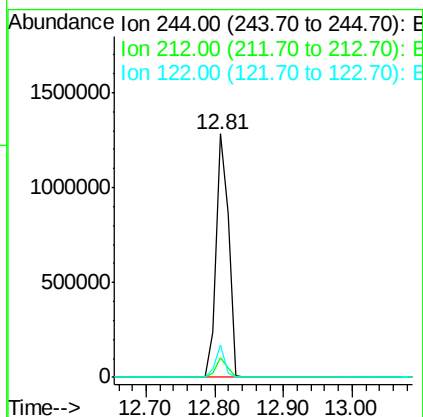
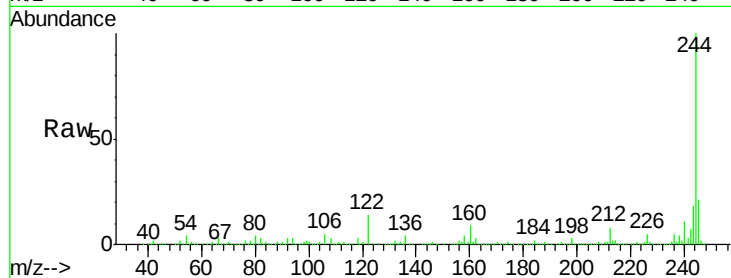




#78
 Terphenyl-d14
 Concen: 80.97 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083062.D
 Acq: 20 Nov 2015 4:53

Instrument :
 BNA_F
 ClientSampleId :
 ON-1593

Tgt Ion:244 Resp: 1646362
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.4 9.6
 122 13.5 10.9 16.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083062.D
 Acq: 20 Nov 2015 4:53

Tgt Ion:264 Resp: 383710
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.4 17.0 25.6

