

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083293.D
 Acq On : 26 Nov 2015 00:45
 Operator : UM/IZ
 Sample : G4569-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-001

Manual Integrations
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Quant Time: Nov 26 03:16:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	155129m	20.00	ng	-0.08
21) Naphthalene-d8	7.87	136	585596	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	272685	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	435313	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	384402	20.00	ng	-0.09
86) Perylene-d12	15.07	264	361312	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1264166	123.20	ng	-0.09
7) Phenol-d6	6.26	99	1835429	138.25	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1141877	89.10	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	251807	90.26	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1580138	80.80	ng	-0.07
78) Terphenyl-d14	12.68	244	1046574	64.11	ng	-0.08
Target Compounds						
49) Dimethylphthalate	9.36	163	294949	14.05	ng	Qvalue 98

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

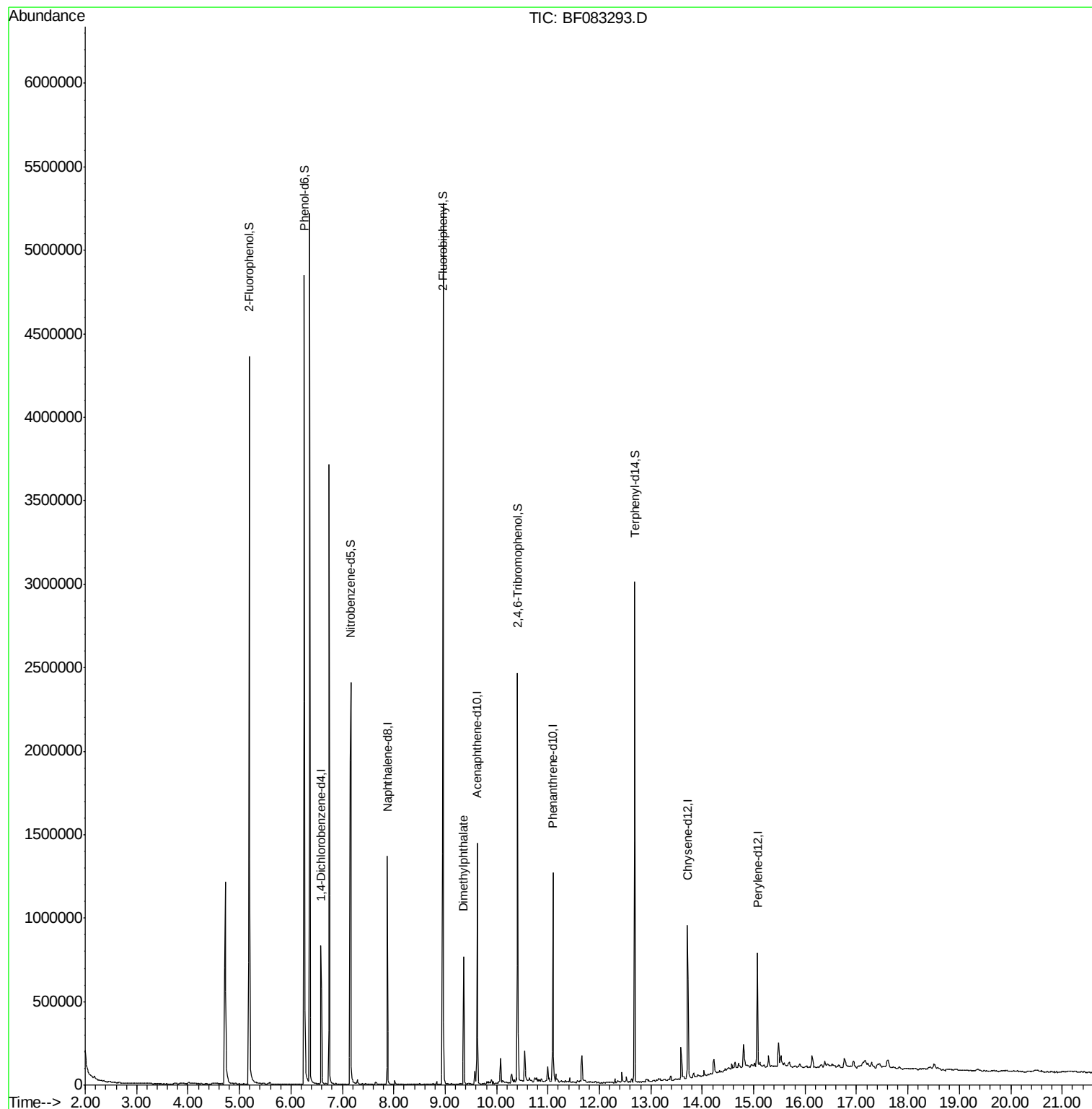
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083293.D
Acq On : 26 Nov 2015 00:45
Operator : UM/IZ
Sample : G4569-06
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Instrument :
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Quant Time: Nov 26 03:16:49 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

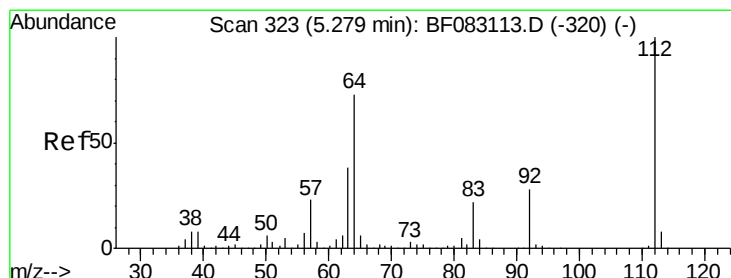
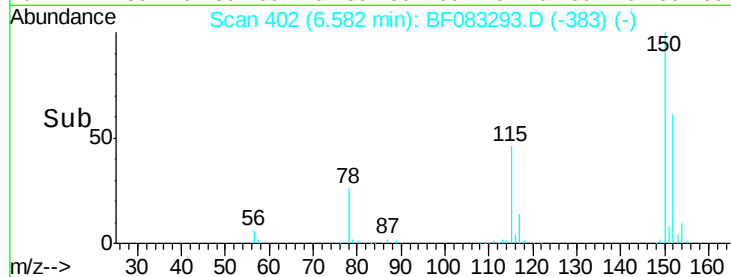
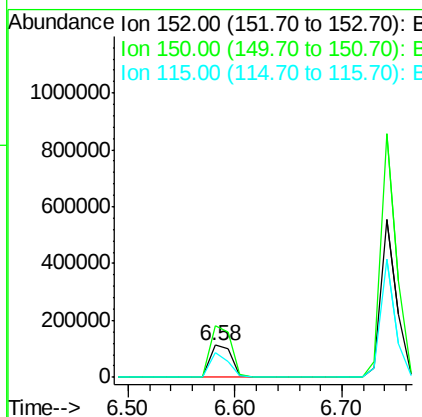
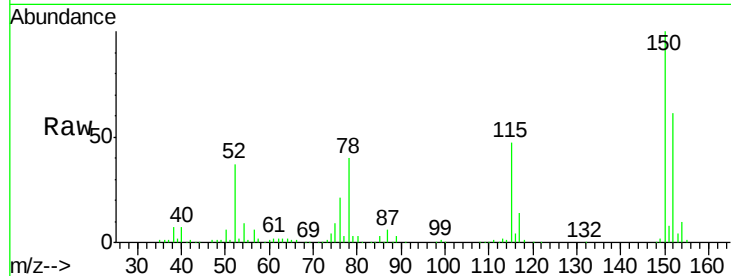
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.58 min Scan# 402
Delta R.T. -0.08 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

Instrument :
BNA_F
ClientSampleId :
IM-TOPSOIL-001

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	125.8	188.8
115	75.8	46.9	70.3

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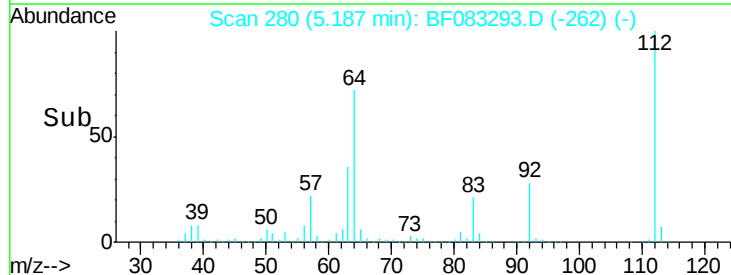
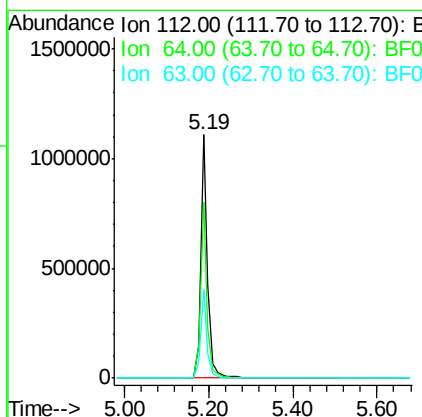
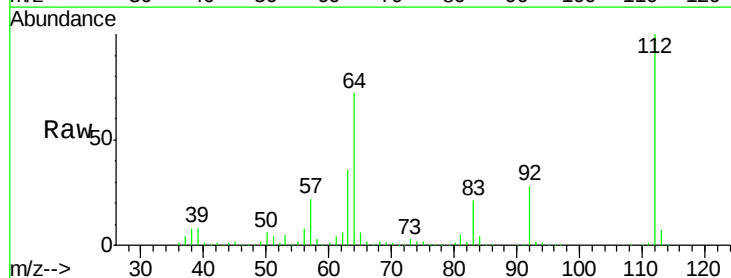
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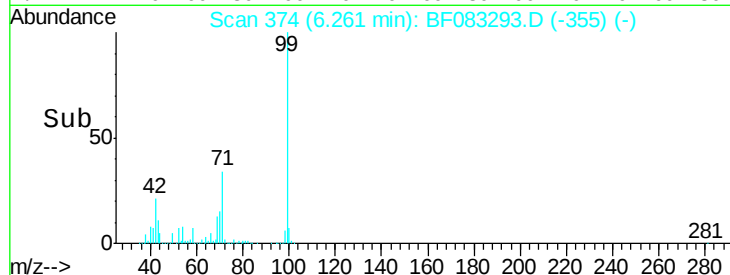
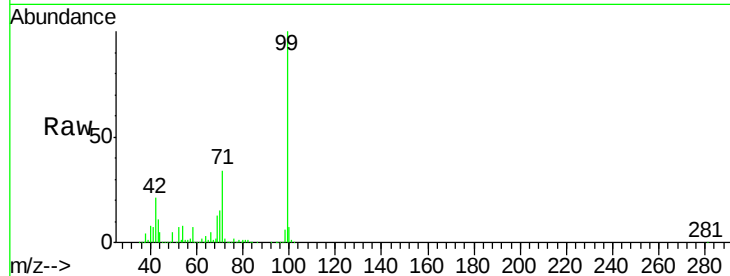
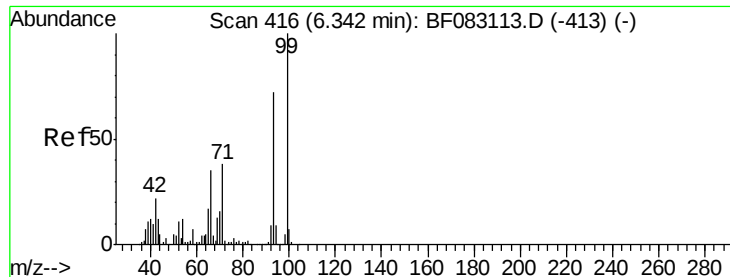


#5

2-Fluorophenol
Concen: 123.20 ng
RT: 5.19 min Scan# 280
Delta R.T. -0.09 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	58.4	87.6
63	36.2	30.0	45.0





#7

Phenol-d6

Concen: 138.25 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

Tot Ion: 99 Resp: 1835429

Ion Ratio Lower Upper

99 100

42 21.0 17.7 26.5

71 34.2 30.2 45.4

Instrument :

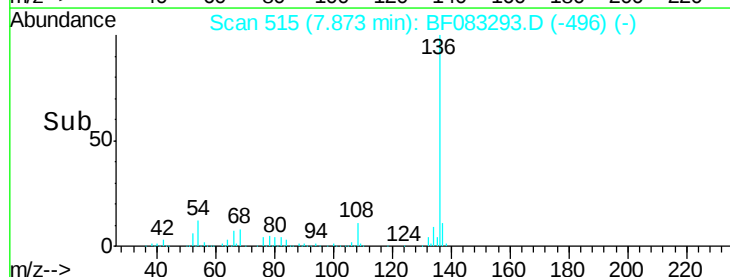
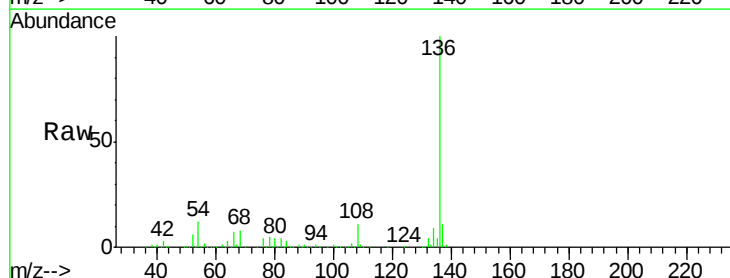
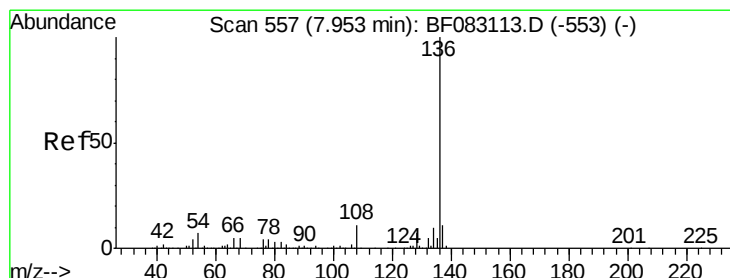
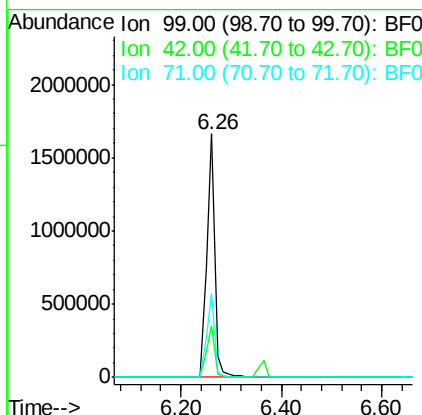
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

Tgt Ion: 136 Resp: 585596

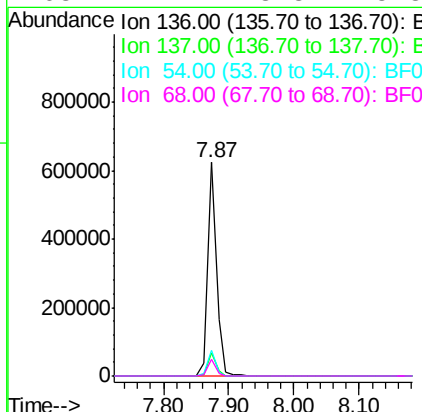
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.8 5.8 8.6#

68 7.7 3.8 5.8#





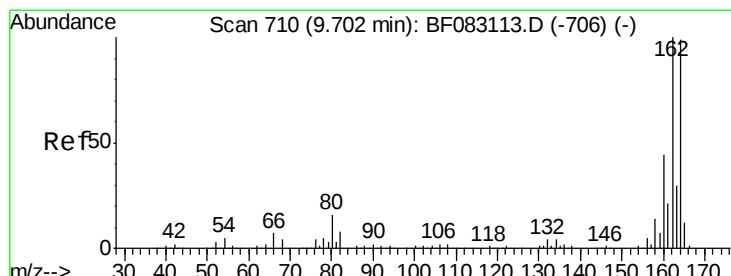
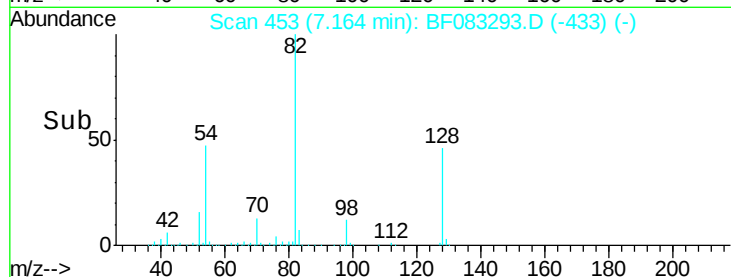
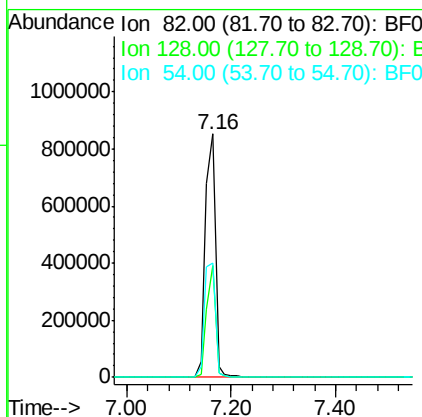
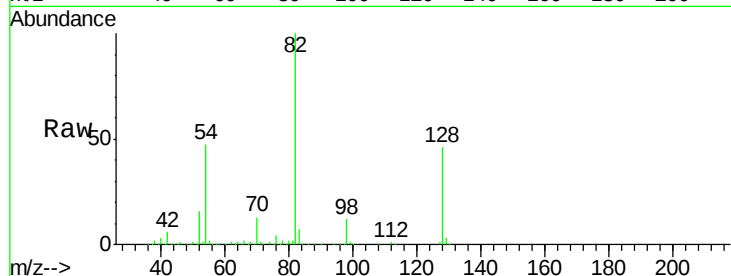
#23
Nitrobenzene-d5
Concen: 89.10 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

Instrument :
BNA_F
ClientSampleId :
IM-TOPSOIL-001

Tot Ion: 82 Resp: 1141877
Ion Ratio Lower Upper
82 100
128 46.1 28.5 42.7#
54 47.1 44.6 67.0

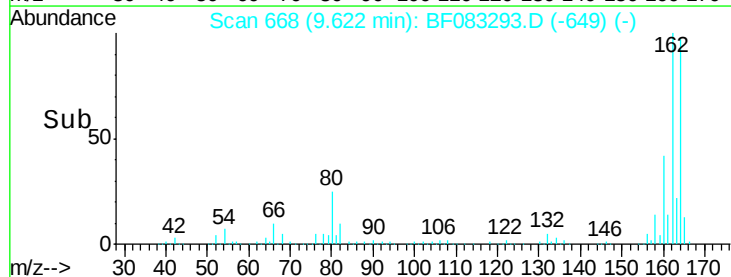
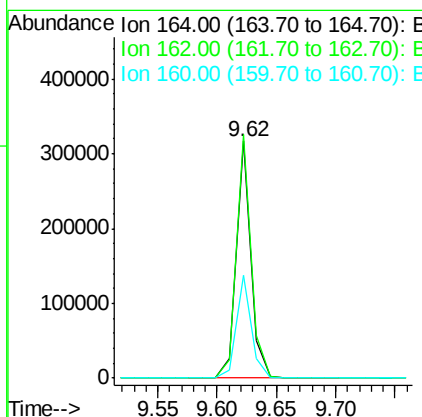
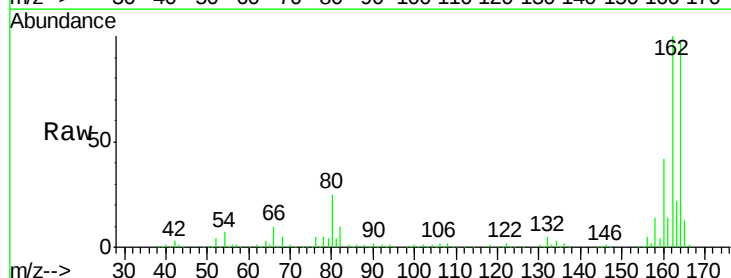
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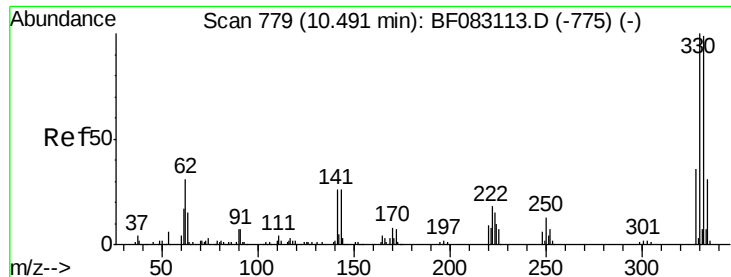
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

Tgt Ion:164 Resp: 272685
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 43.6 35.6 53.4





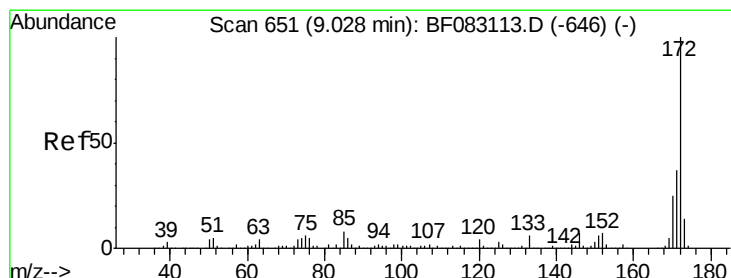
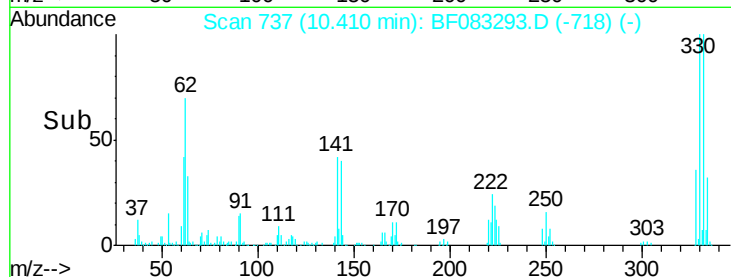
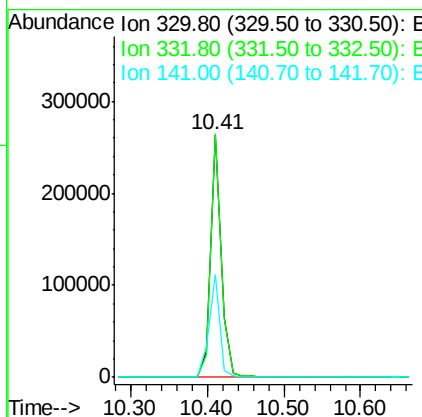
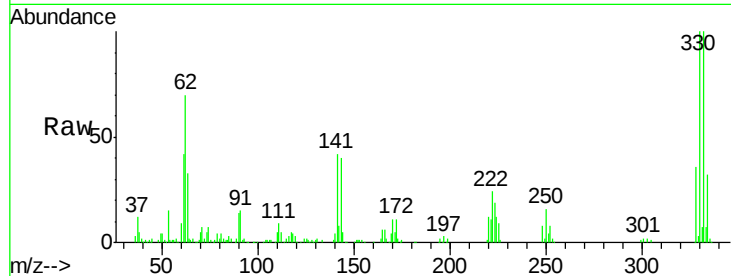
#41
 2,4,6-Tribromophenol
 Concen: 90.26 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083293.D
 Acq: 26 Nov 2015 00:45

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-001

Tot Ion	Ratio	Resp	Lower	Upper
330	100	251807		
332	98.7		77.7	116.5
141	42.7		29.7	44.5

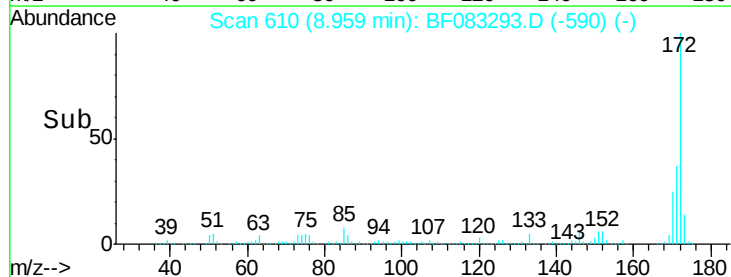
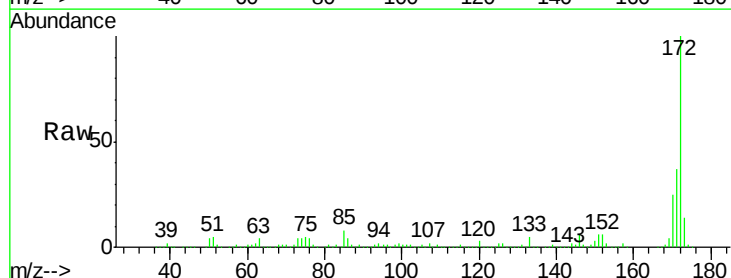
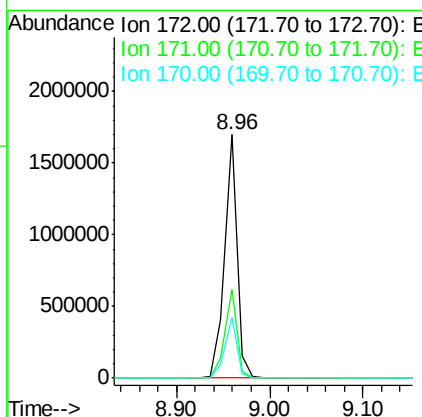
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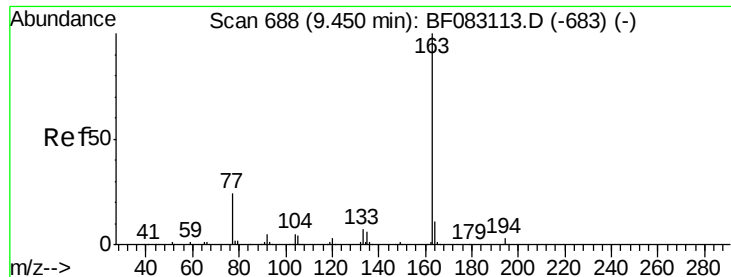
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#44
 2-Fluorobiphenyl
 Concen: 80.80 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083293.D
 Acq: 26 Nov 2015 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1580138		
171	36.7		29.5	44.3
170	24.9		19.9	29.9





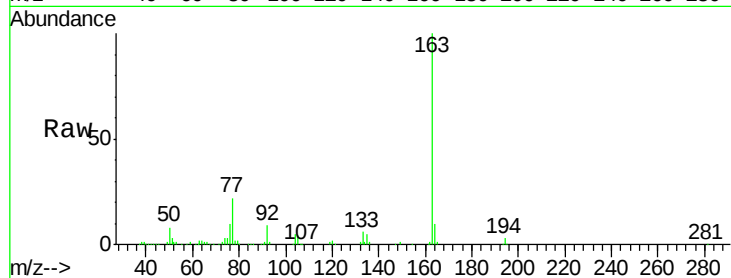
#49
Dimethylphthalate
Concen: 14.05 ng
RT: 9.36 min Scan# 645
Delta R.T. -0.09 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

Instrument :
BNA_F
ClientSampleId :
IM-TOPSOIL-001

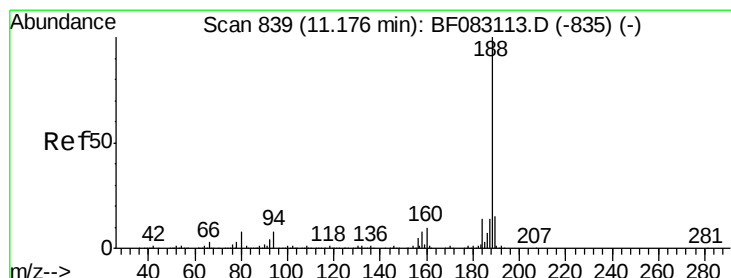
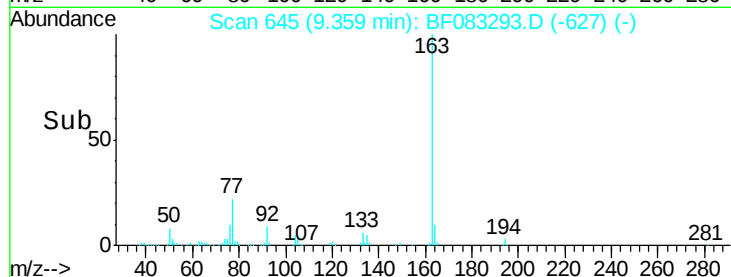
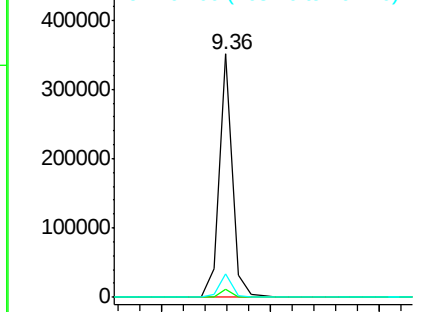
Tot Ion:	163	Resp:	294949
Ion Ratio		Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.6	12.8

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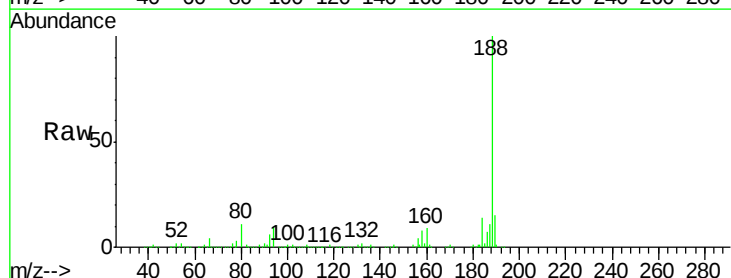


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

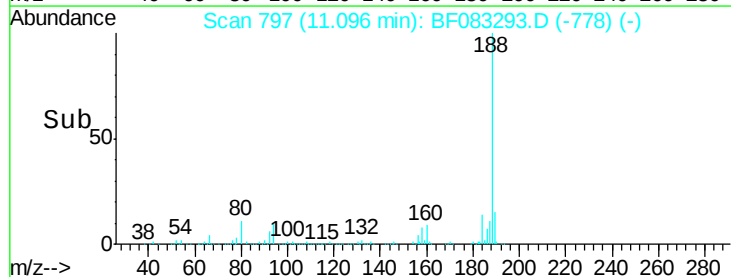
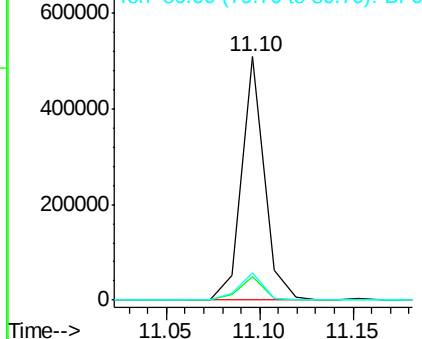


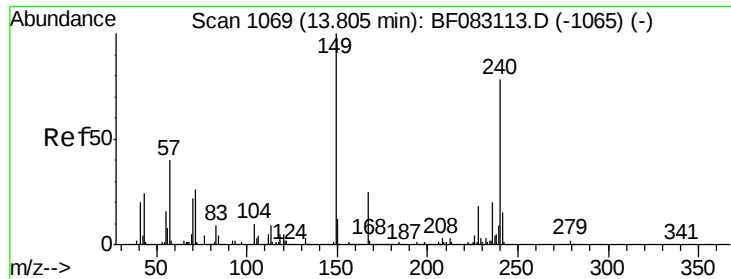
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

Tgt Ion:	188	Resp:	435313
Ion Ratio		Lower	Upper
188	100		
94	9.9	6.0	9.0#
80	11.4	6.7	10.1#



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: 13.71 min Scan# 1026

Delta R.T. -0.09 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

Instrument :

BNA_F

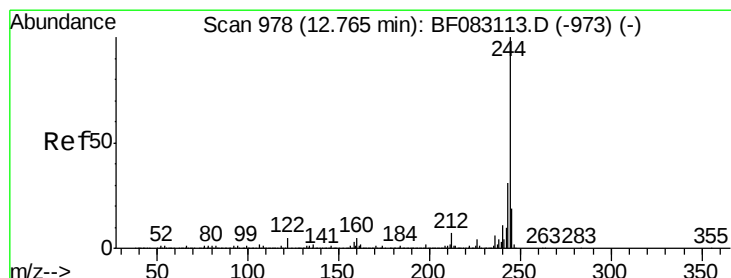
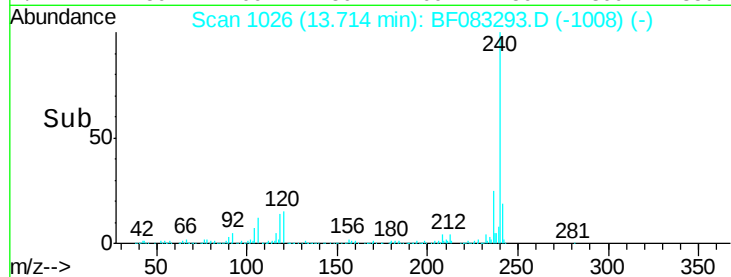
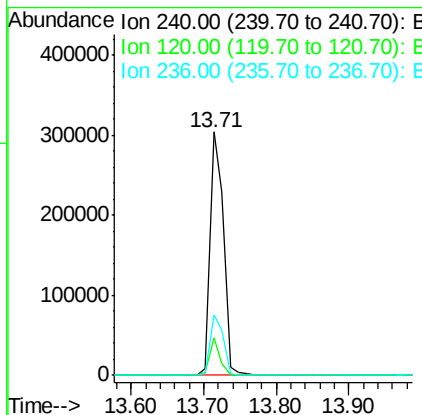
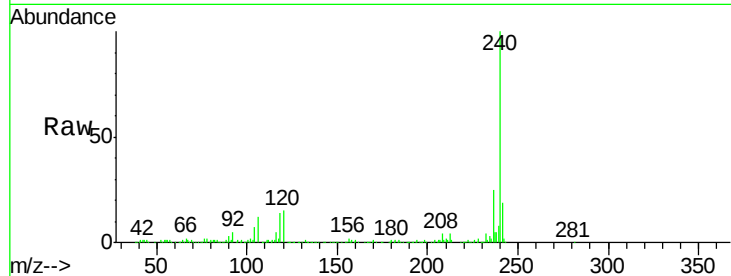
ClientSampleId :

IM-TOPSOIL-001

Tot Ion:240 Resp: 384402
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.4 8.2#
 236 24.7 20.6 31.0

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#78

Terphenyl-d14

Concen: 64.11 ng

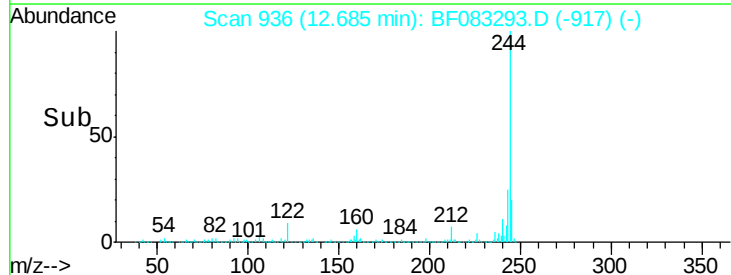
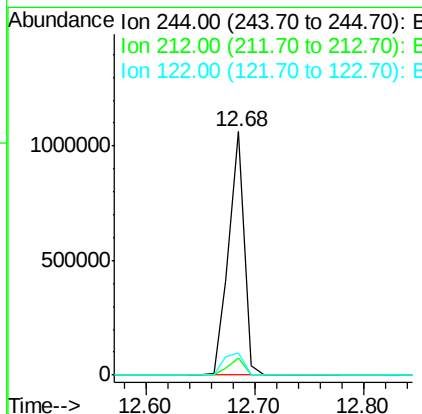
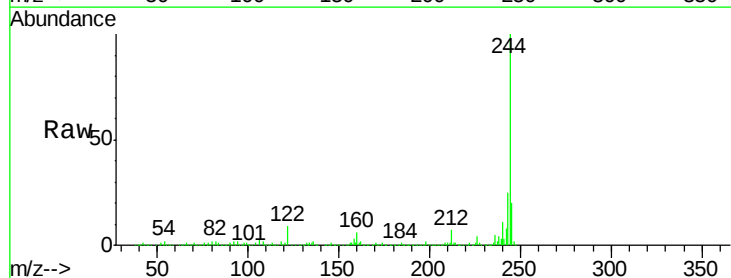
RT: 12.68 min Scan# 936

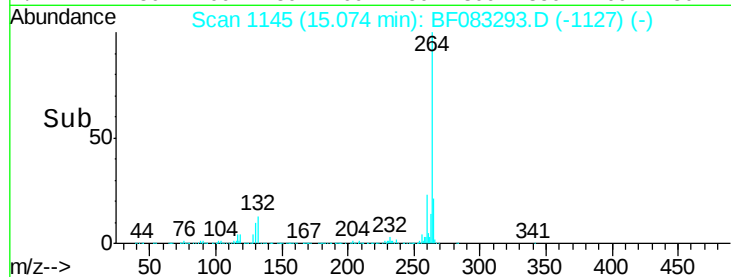
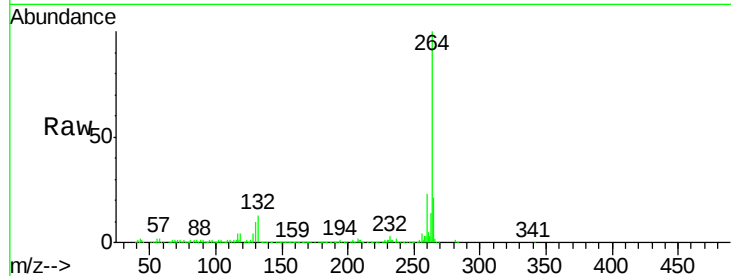
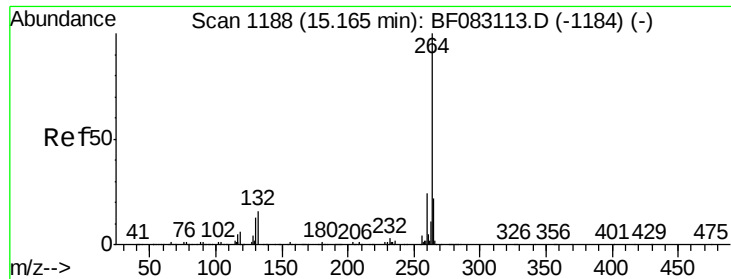
Delta R.T. -0.08 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

Tgt Ion:244 Resp: 1046574
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 8.9 4.3 6.5#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083293.D
 Acq: 26 Nov 2015 00:45

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-001

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.4	19.1	28.7	
265	20.6	18.2	27.4	

Manual Integrations
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