

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083961.D
 Acq On : 19 Dec 2015 18:20
 Operator : UM/SJ
 Sample : G4886-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MIX1

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:00:41 PM

Quant Time: Dec 21 03:34:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	76465m	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	355716	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	166709	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	284076	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	241355	20.00	ng	-0.02
86) Perylene-d12	15.44	264	187509	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	7974	1.63	ng	-0.01
7) Phenol-d6	6.49	99	63063	10.54	ng	-0.02
23) Nitrobenzene-d5	7.41	82	420521	67.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	50454	27.47	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	846124	69.21	ng	-0.03
78) Terphenyl-d14	12.96	244	682346	64.59	ng	-0.02

Target Compounds Qvalue

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

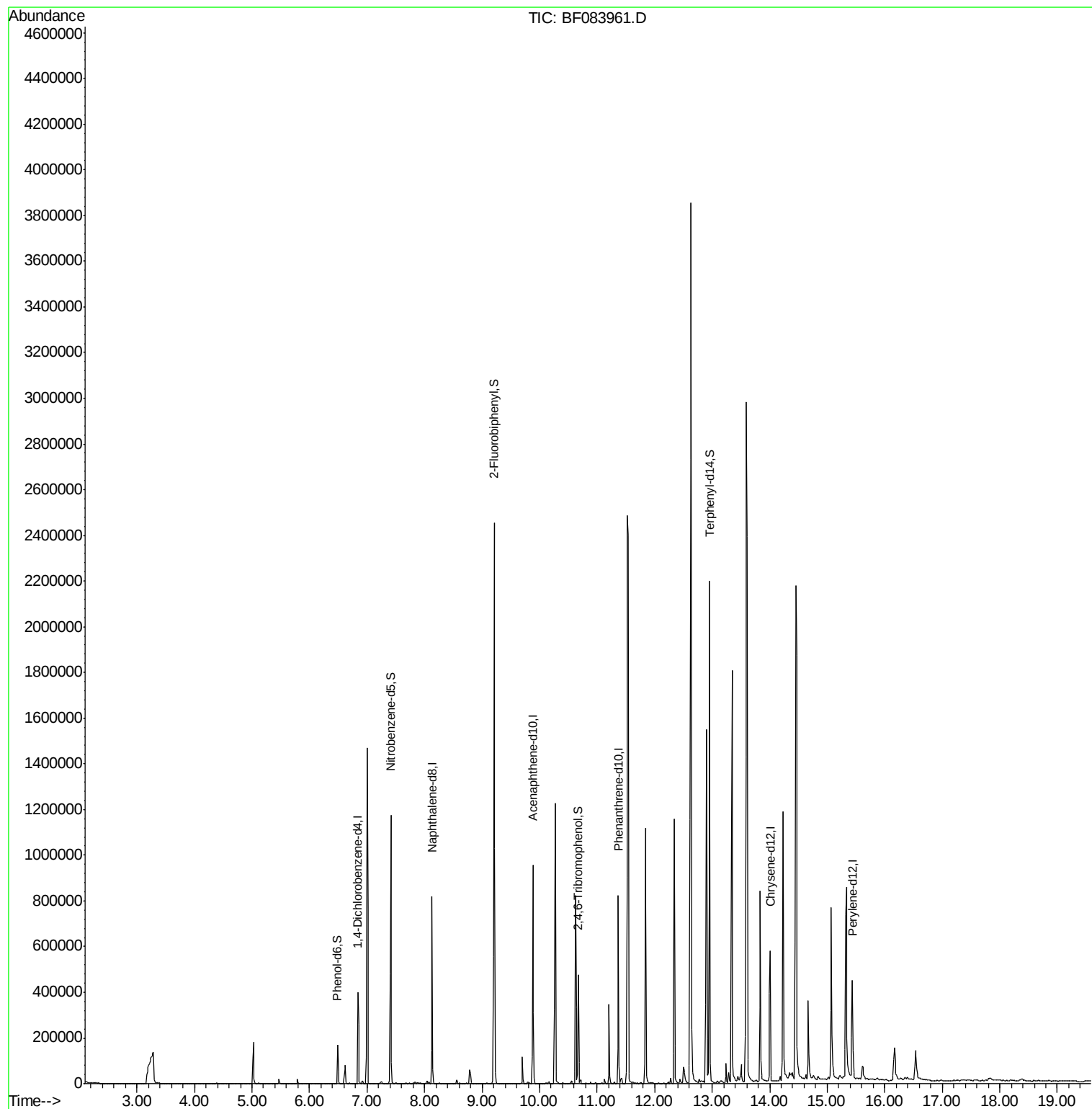
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083961.D
Acq On : 19 Dec 2015 18:20
Operator : UM/SJ
Sample : G4886-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

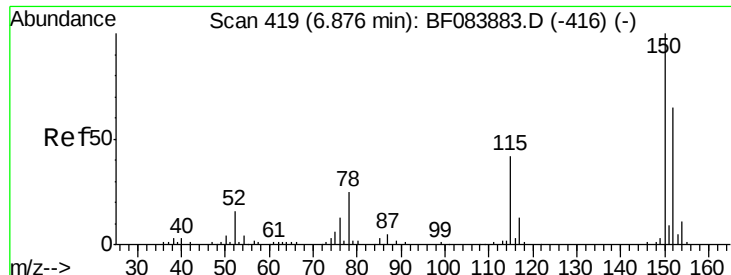
Instrument :
BNA_F
ClientSampleId :
MIX1

Manual Integrations
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12/22/2015 12:00:41 PM

Quant Time: Dec 21 03:34:16 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.84 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_F

ClientSampleId :

MIX1

Tot Ion:152 Resp: 76465

Ion Ratio Lower Upper

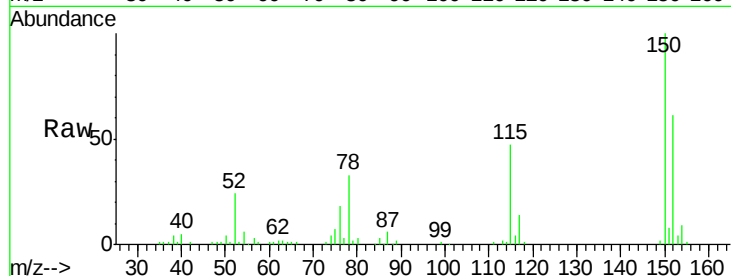
152 100

150 164.9 123.0 184.4

115 77.2 51.4 77.2#

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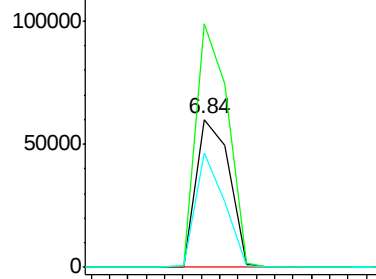
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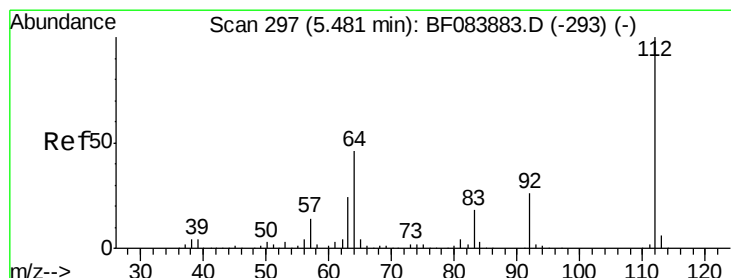
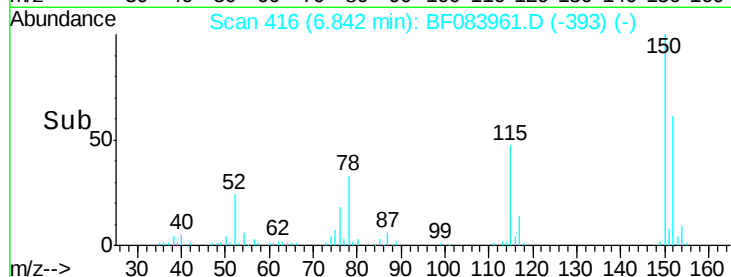
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 1.63 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

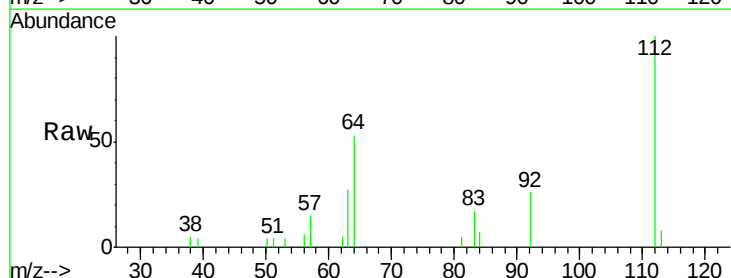
Tgt Ion:112 Resp: 7974

Ion Ratio Lower Upper

112 100

64 52.6 36.6 55.0

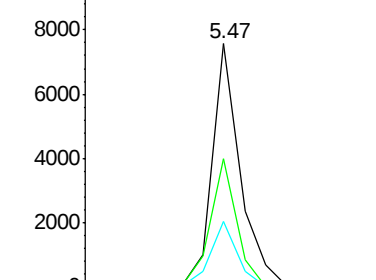
63 26.8 19.4 29.0



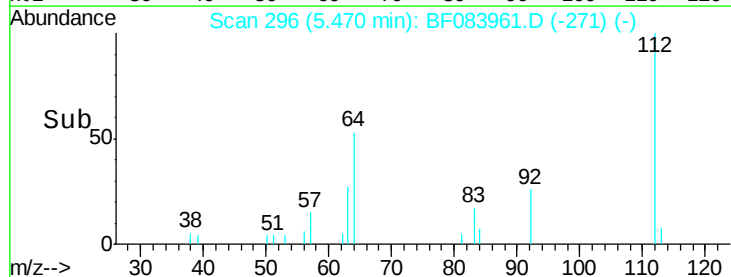
Abundance Ion 112.00 (111.70 to 112.70): E

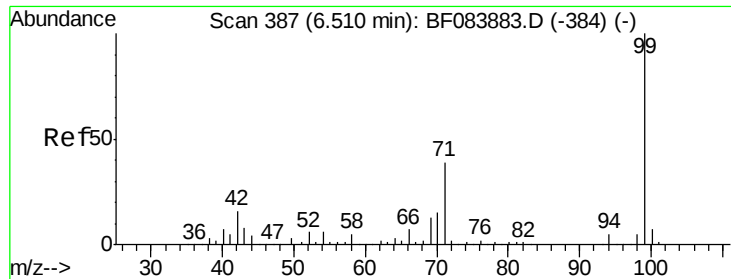
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 10.54 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_F

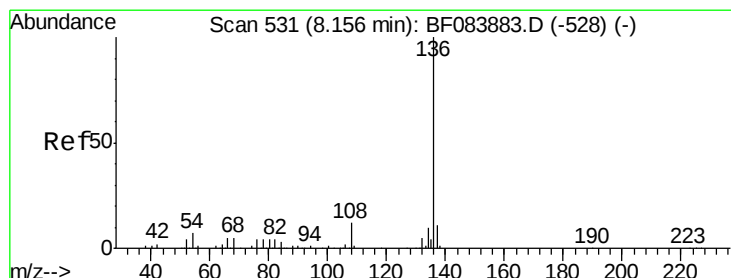
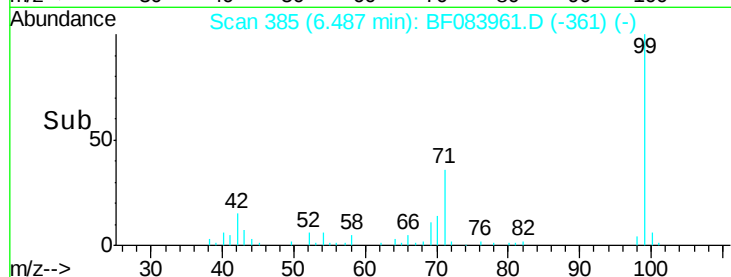
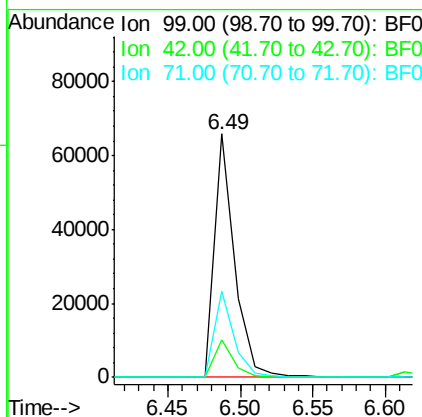
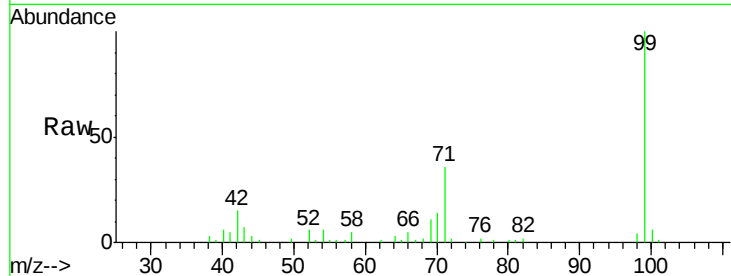
ClientSampleId :

MIX1

Tot Ion:	99	Resp:	63063
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.8	19.2
71	35.6	30.9	46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

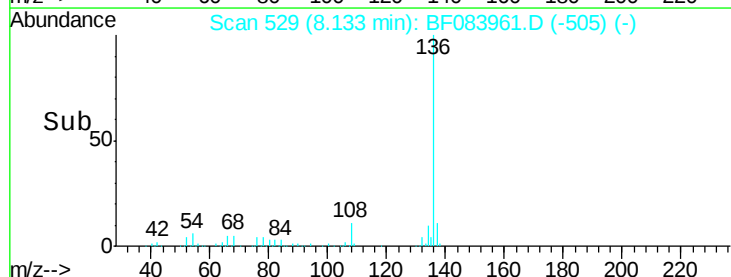
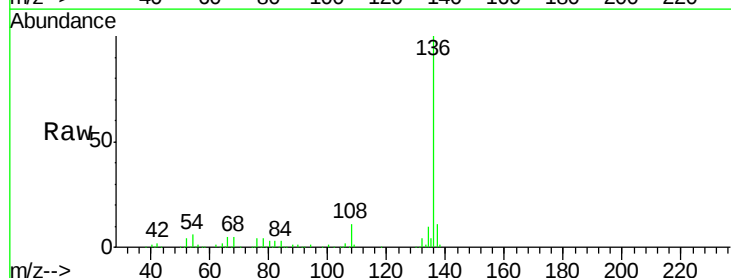
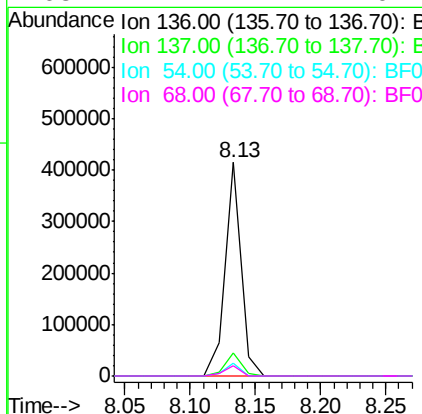
RT: 8.13 min Scan# 529

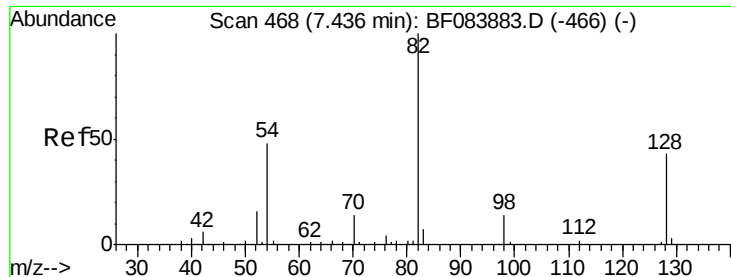
Delta R.T. -0.02 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Tgt Ion:	136	Resp:	355716
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	6.3	5.8	8.8
68	4.7	4.2	6.2





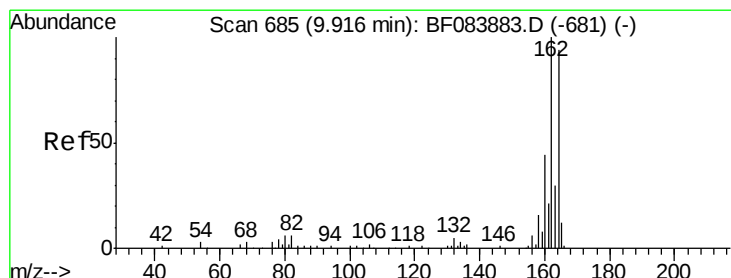
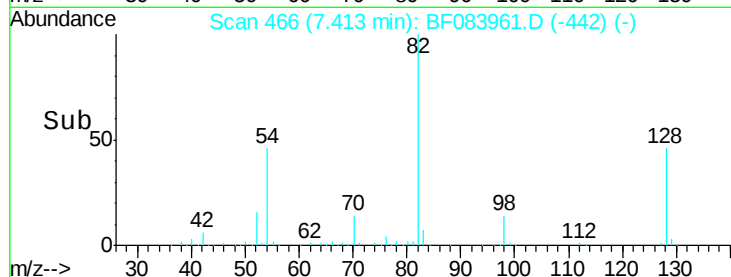
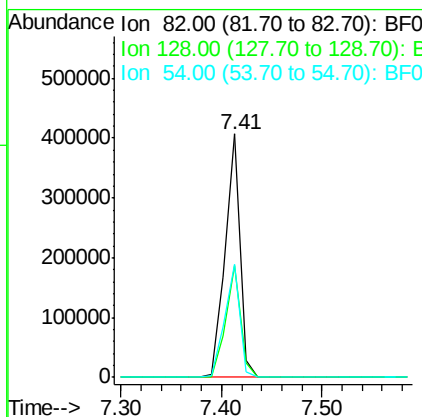
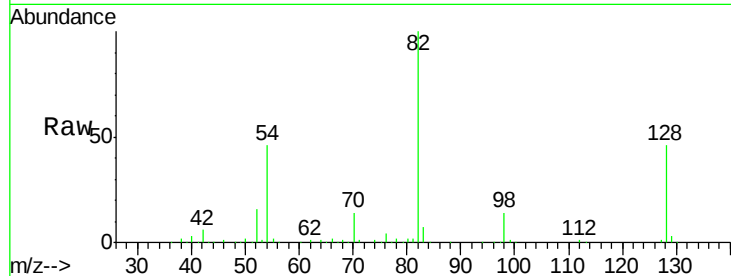
#23
 Nitrobenzene-d5
 Concen: 67.47 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 MIX1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	420521		
128	46.1		34.6	51.8
54	46.5		38.4	57.6

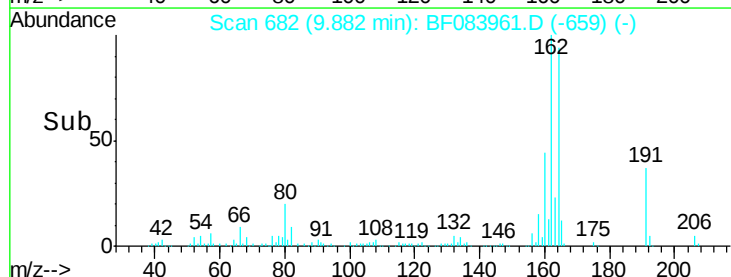
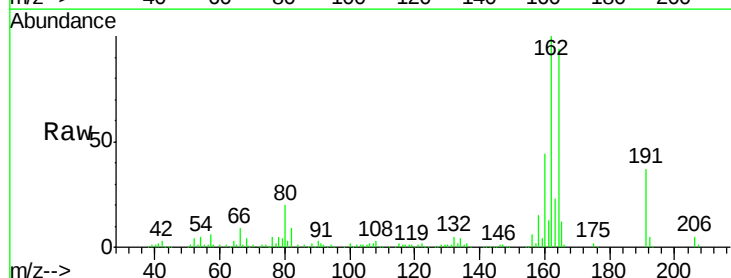
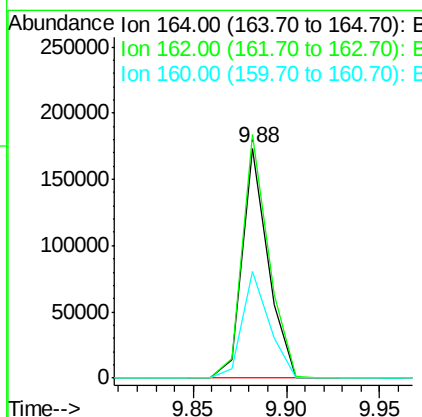
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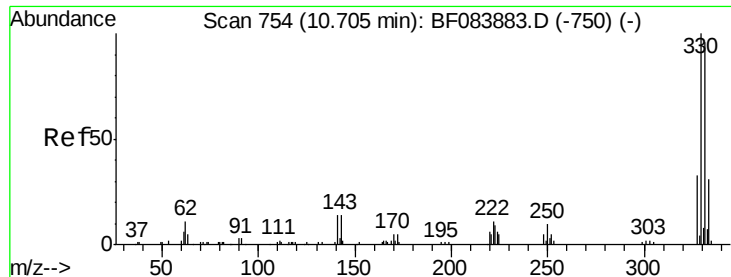
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166709		
162	106.0		85.1	127.7
160	46.3		37.5	56.3





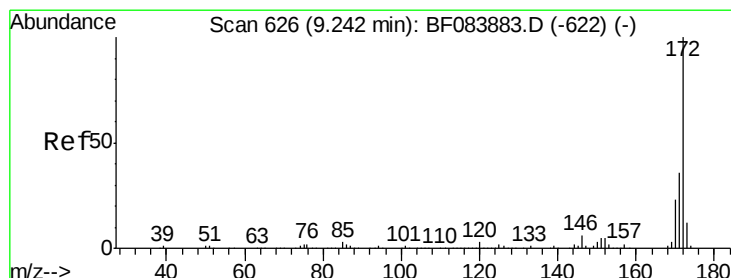
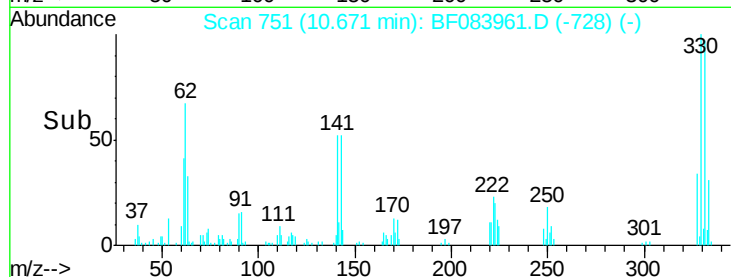
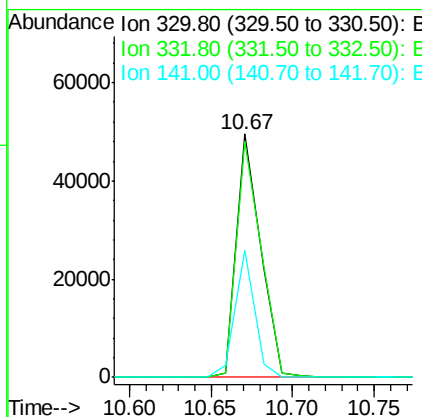
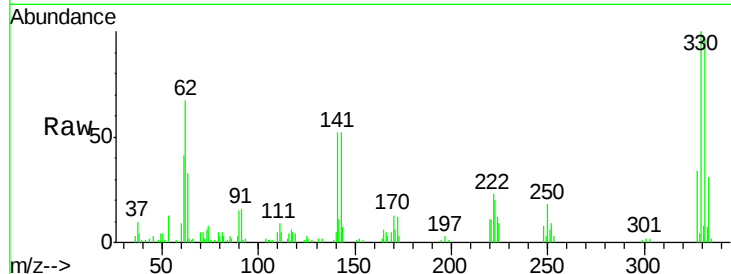
#41
 2,4,6-Tribromophenol
 Concen: 27.47 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 MIX1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	114.8
141	42.0	27.8	41.6

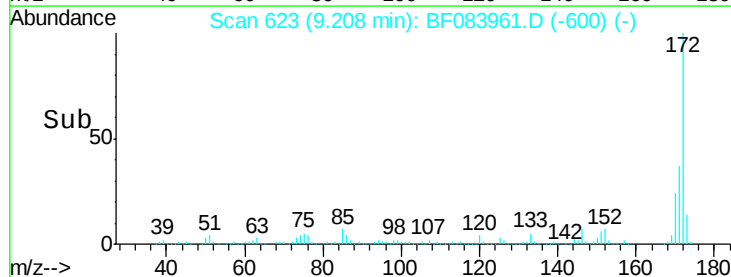
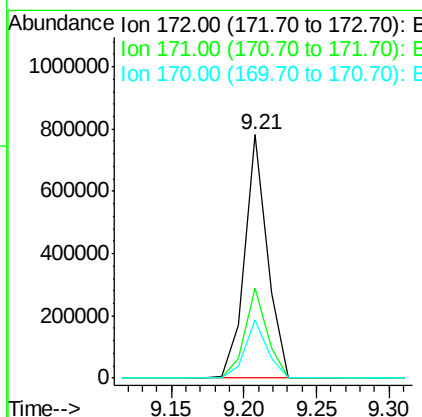
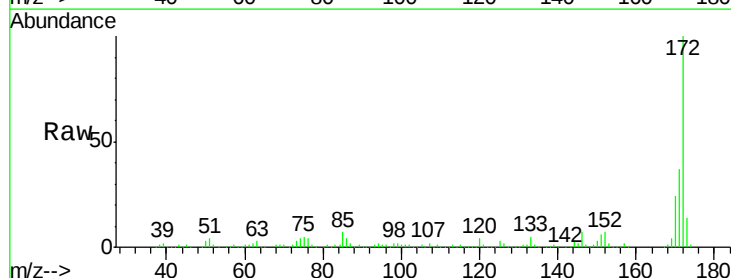
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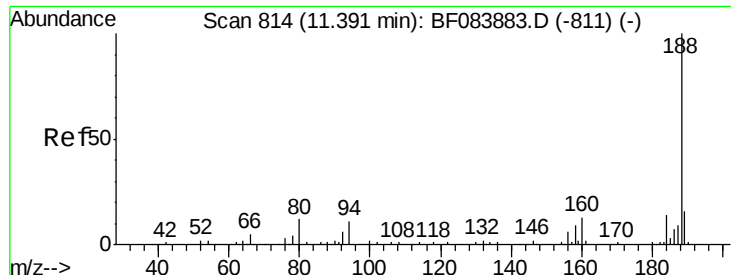
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#44
 2-Fluorobiphenyl
 Concen: 69.21 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	23.9	18.6	27.8





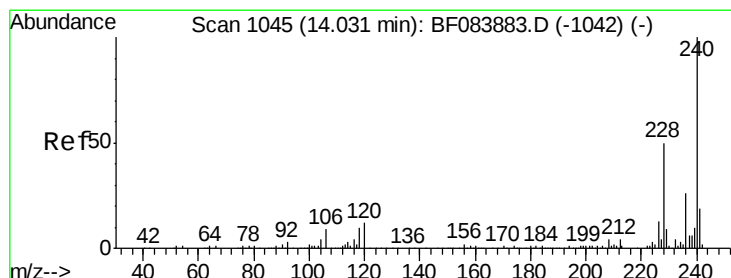
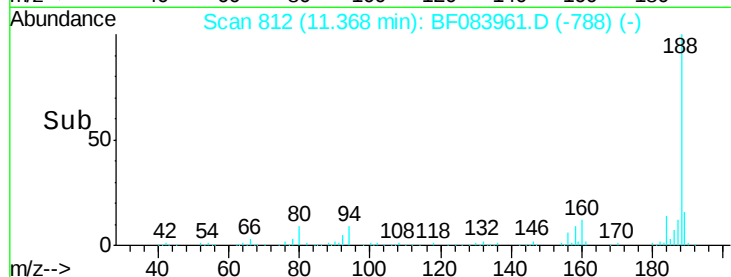
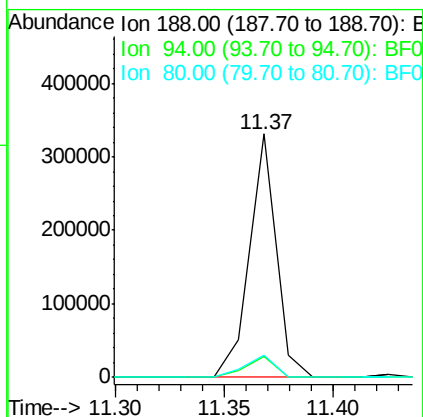
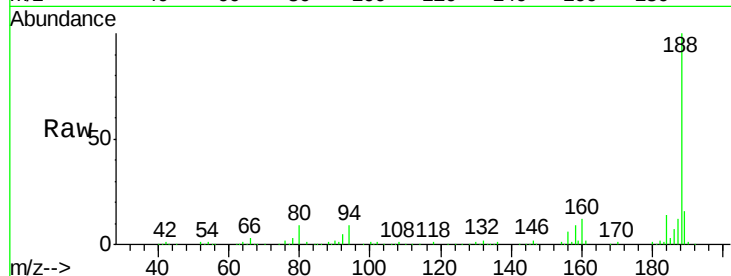
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083961.D
Acq: 19 Dec 2015 18:20

Instrument :
BNA_F
ClientSampleId :
MIX1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.2	9.6	14.4#

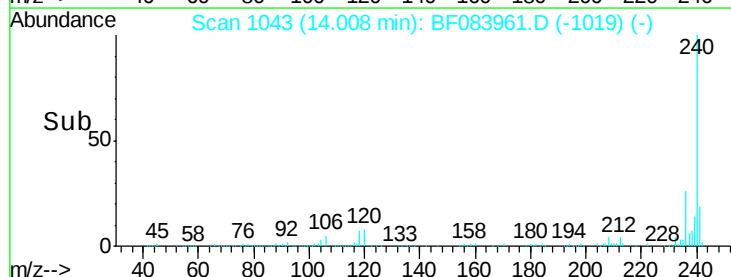
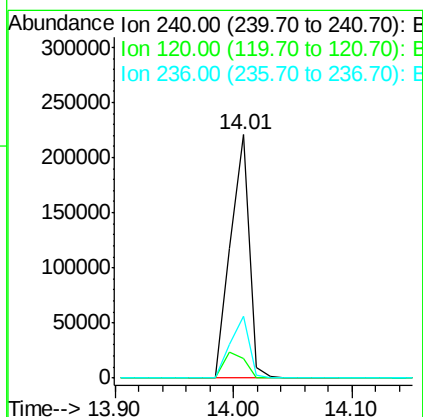
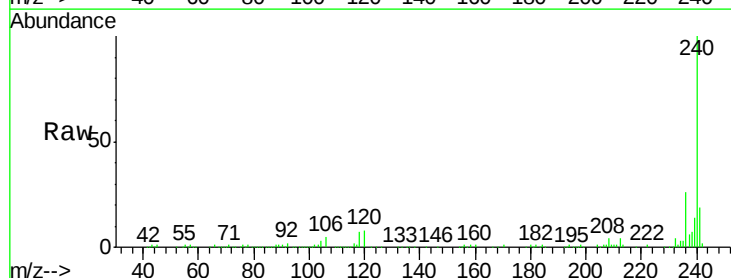
Manual Integrations
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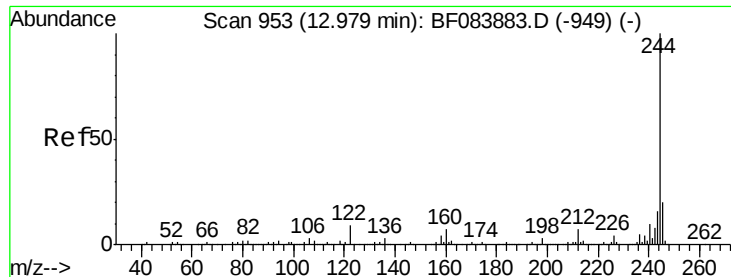
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083961.D
Acq: 19 Dec 2015 18:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.9	9.5	14.3#
236	25.5	20.6	31.0





#78

Terphenyl-d14

Concen: 64.59 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_F

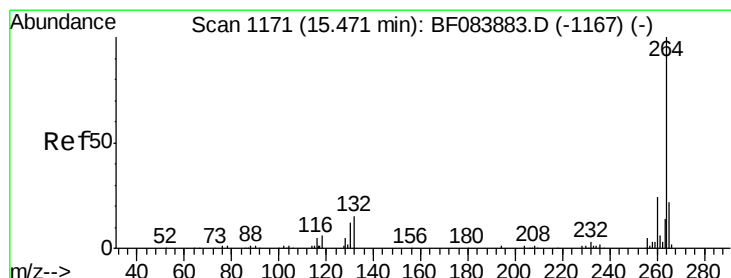
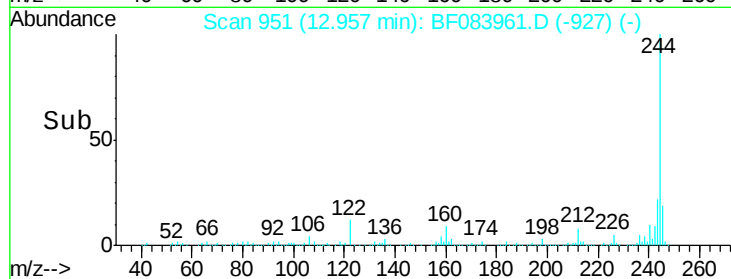
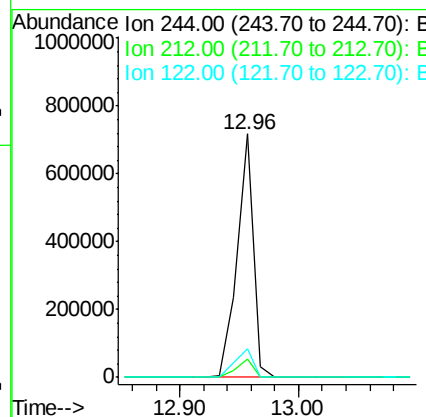
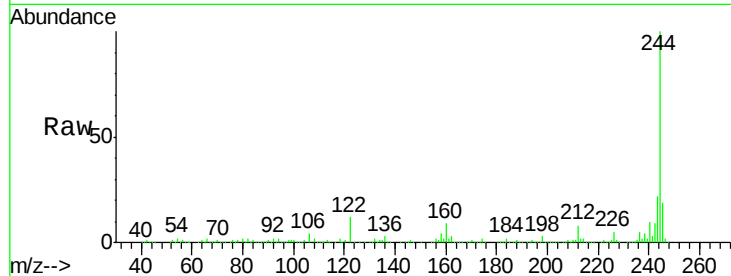
ClientSampled :

MIX1

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	5.7	8.5
122	11.6	7.4	11.0

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.03 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.4	17.8	26.6

