

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083553.D
 Acq On : 7 Dec 2015 10:18
 Operator : UM/IZ
 Sample : G4617-06RE
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11RE

Manual Integrations
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 12/7/2015 6:33:45 PM

Quant Time: Dec 07 11:40:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	159671	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	603627	20.00	ng	-0.05
38) Acenaphthene-d10	10.43	164	269019	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	412527	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	343074	20.00	ng	-0.03
86) Perylene-d12	18.65	264	267903	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.02	112	1103419	104.84	ng	-0.01
7) Phenol-d6	5.30	99	1440847	99.36	ng	-0.02
23) Nitrobenzene-d5	6.56	82	924064	71.56	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	211797	85.35	ng	-0.05
44) 2-Fluorobiphenyl	9.38	172	1385184	69.84	ng	-0.05
78) Terphenyl-d14	15.46	244	975422	63.27	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.06	163	271547	12.82	ng	98
70) Phenanthrene	12.85	178	72341	3.01	ng	98
74) Fluoranthene	14.79	202	83742	3.52	ng	99
77) Pyrene	15.14	202	73762	2.87	ng	98
87) Benzo(b)fluoranthene	18.28	252	36700m	2.44	ng	

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

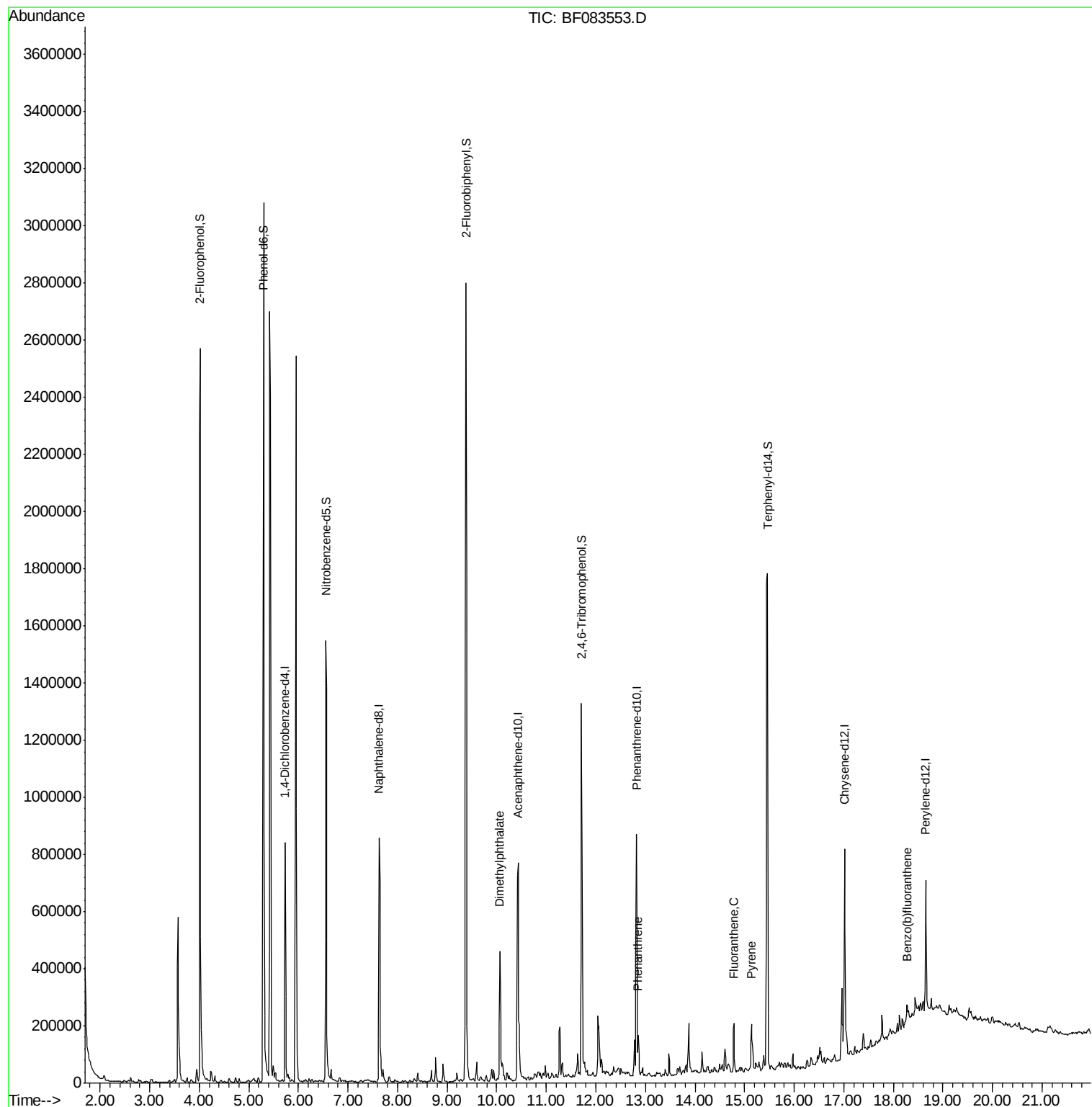
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083553.D
Acq On : 7 Dec 2015 10:18
Operator : UM/IZ
Sample : G4617-06RE
Misc :
ALS Vial : 64 Sample Multiplier: 1

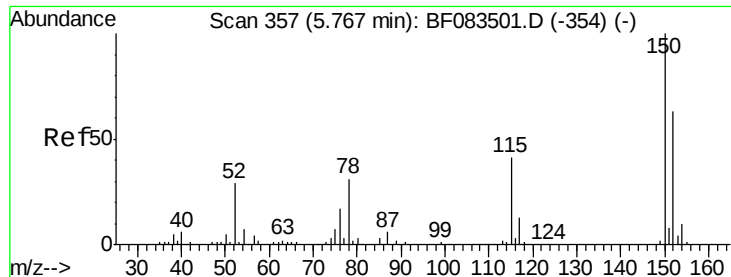
Instrument :
BNA_F
ClientSampleId :
SB-11RE

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Quant Time: Dec 07 11:40:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

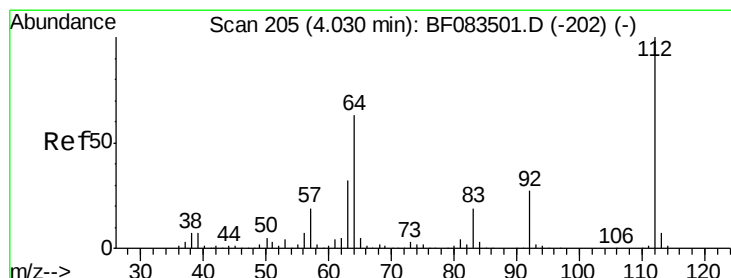
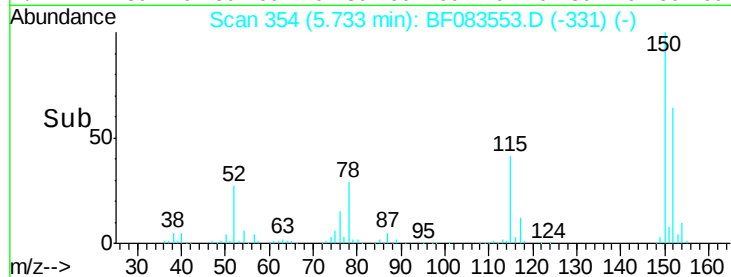
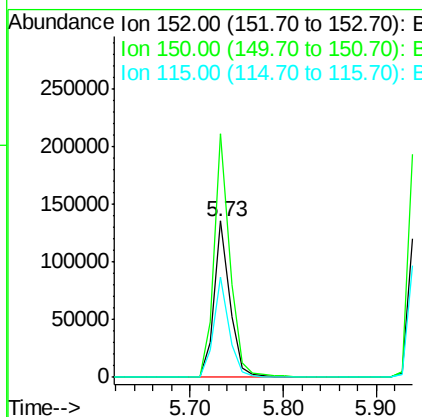
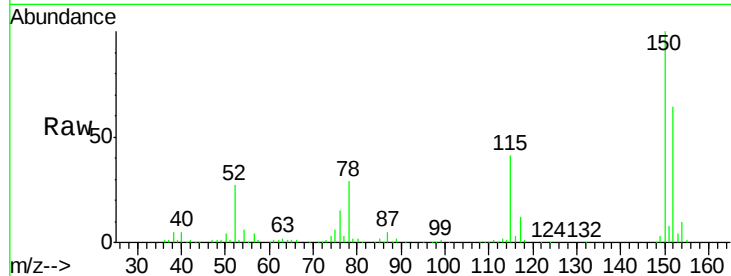
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083553.D
Acq: 7 Dec 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-11RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.5	189.7
115	64.4	52.3	78.5

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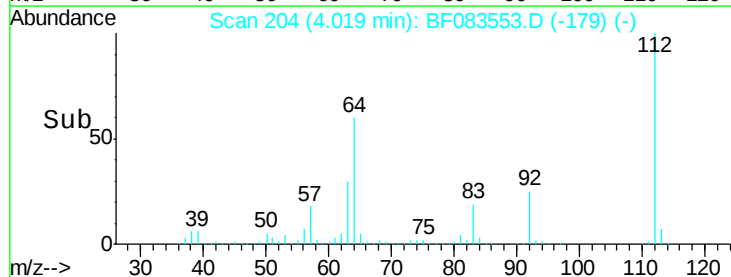
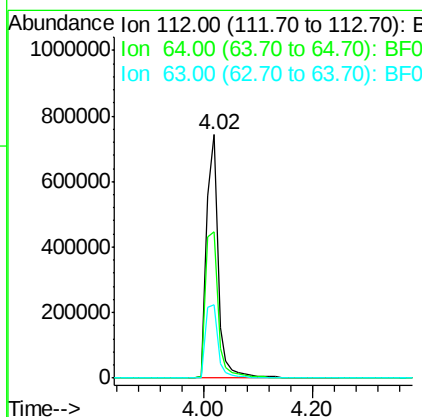
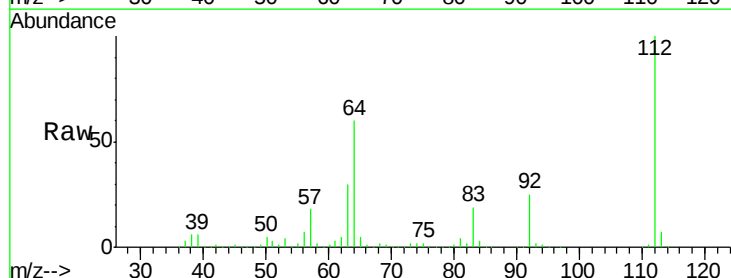
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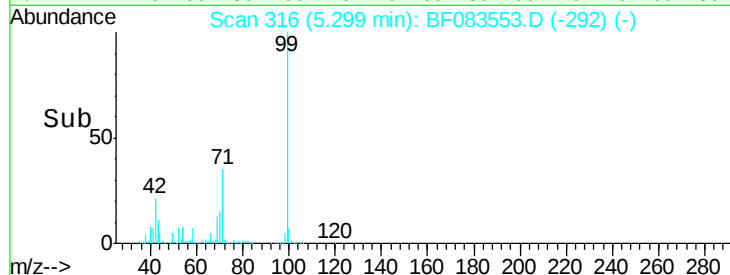
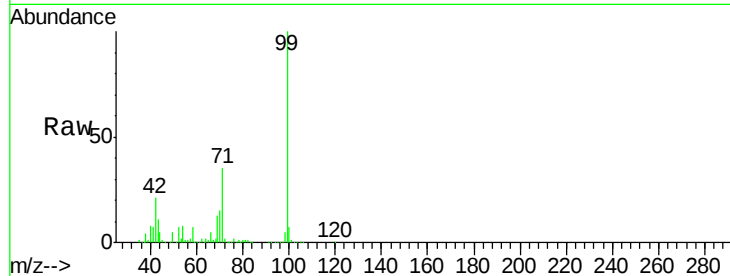


#5

2-Fluorophenol
Concen: 104.84 ng
RT: 4.02 min Scan# 204
Delta R.T. -0.01 min
Lab File: BF083553.D
Acq: 7 Dec 2015 10:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	50.5	75.7
63	30.1	25.8	38.6





#7

Phenol-d6

Concen: 99.36 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083553.D

Acq: 7 Dec 2015 10:18

Tot Ion: 99 Resp: 1440847

Ion Ratio Lower Upper

99 100

42 21.4 17.3 25.9

71 34.7 26.6 40.0

Instrument :

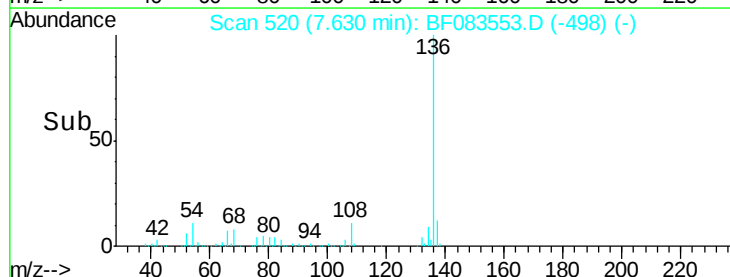
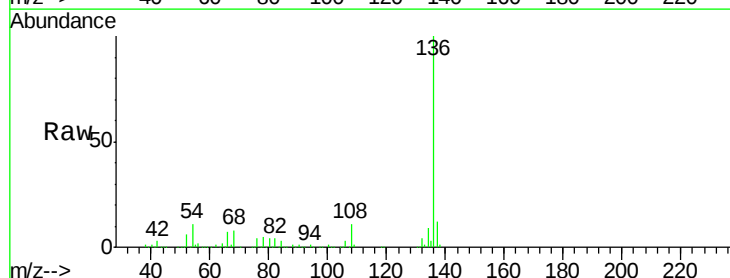
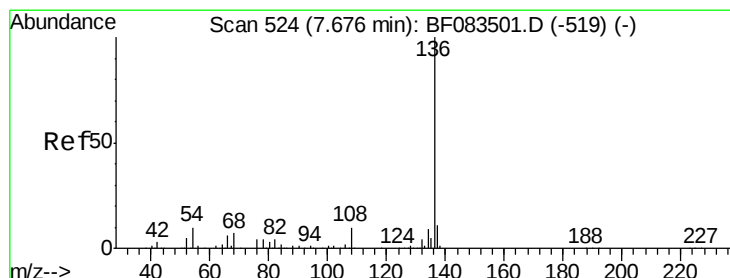
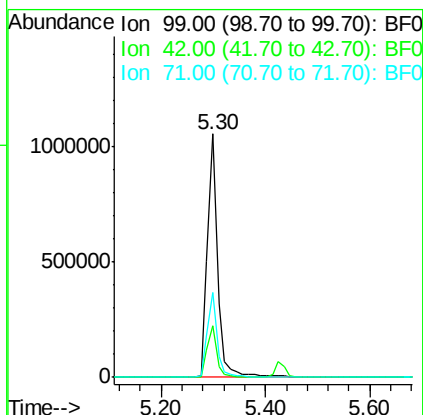
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF083553.D

Acq: 7 Dec 2015 10:18

Tgt Ion: 136 Resp: 603627

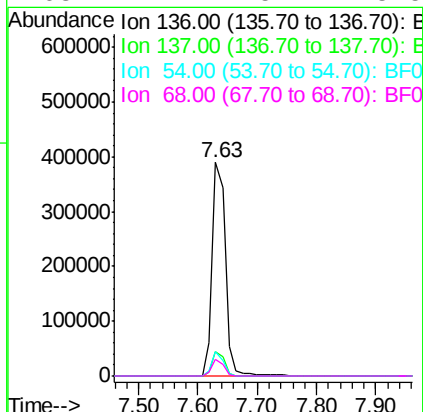
Ion Ratio Lower Upper

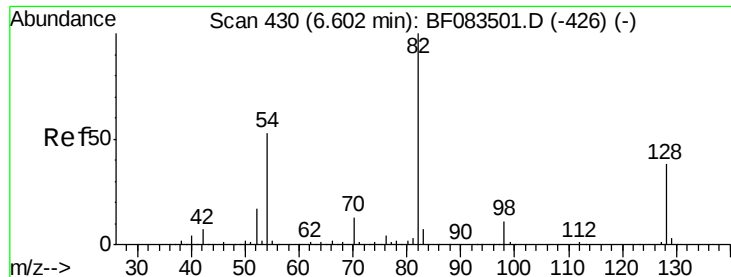
136 100

137 11.5 8.7 13.1

54 11.4 7.8 11.6

68 7.7 5.7 8.5





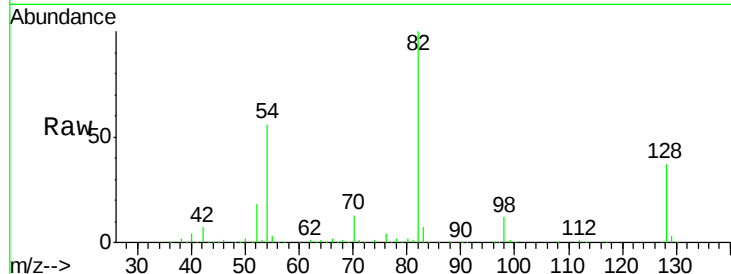
#23
 Nitrobenzene-d5
 Concen: 71.56 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: BF083553.D
 Acq: 7 Dec 2015 10:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-11RE

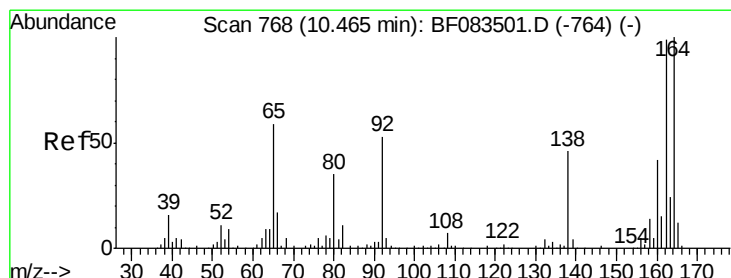
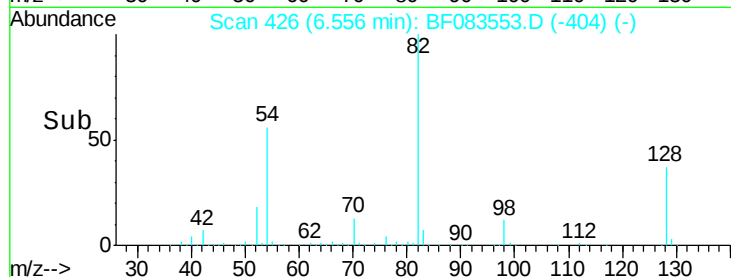
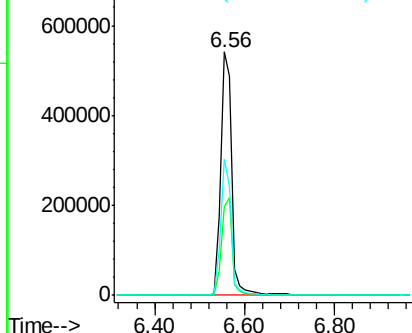
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.7	46.1
54	55.7	42.5	63.7

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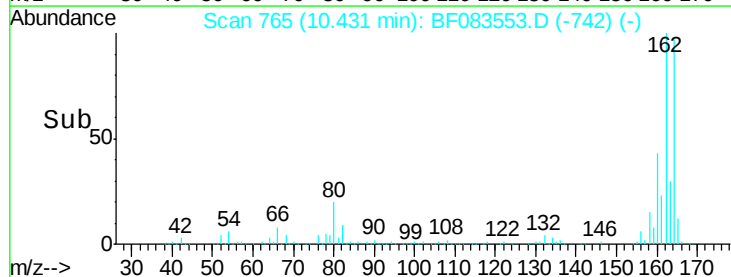
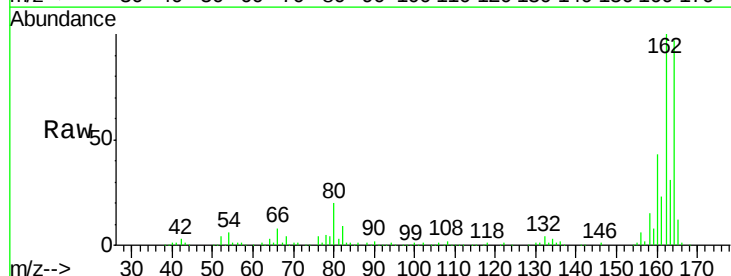
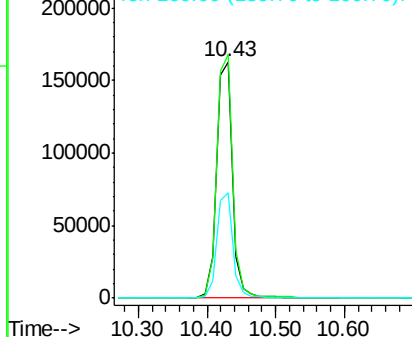
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 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

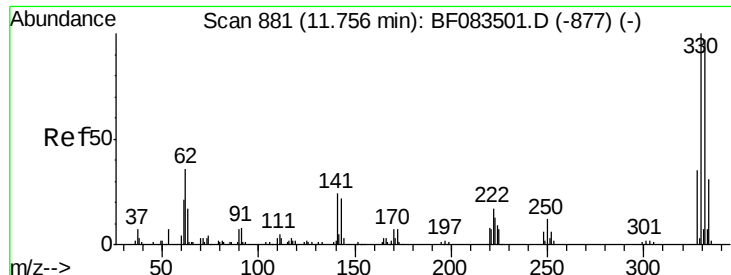


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.43 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF083553.D
 Acq: 7 Dec 2015 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	44.6	33.4	50.2

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





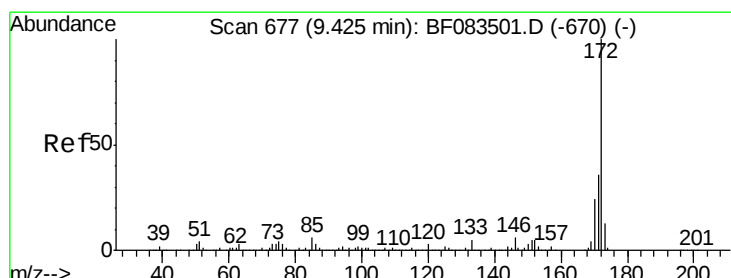
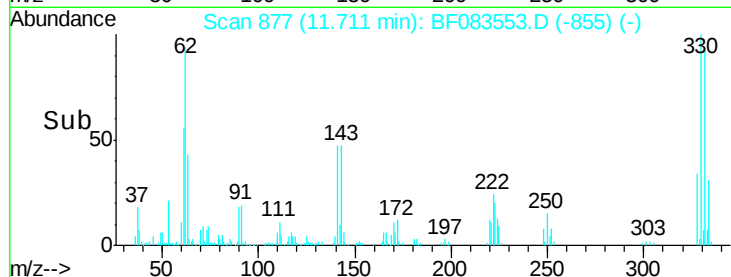
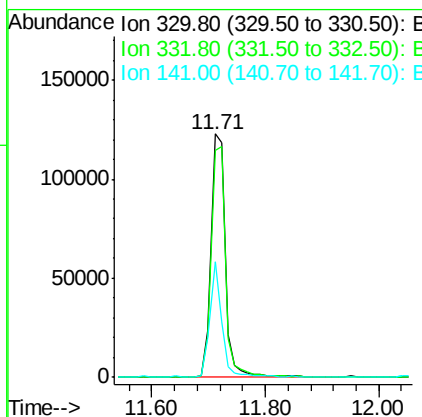
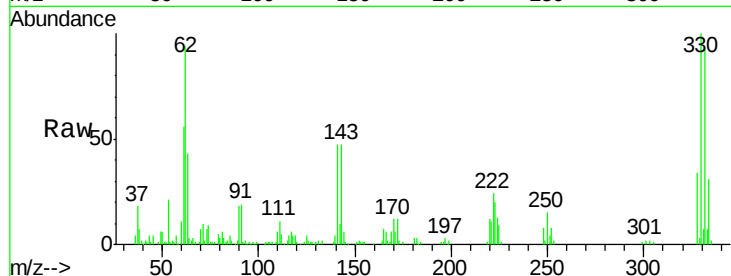
#41
 2,4,6-Tribromophenol
 Concen: 85.35 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083553.D
 Acq: 7 Dec 2015 10:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-11RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	211797		
332	95.5	0.0	0.0	0.0
141	37.9	0.0	0.0	0.0

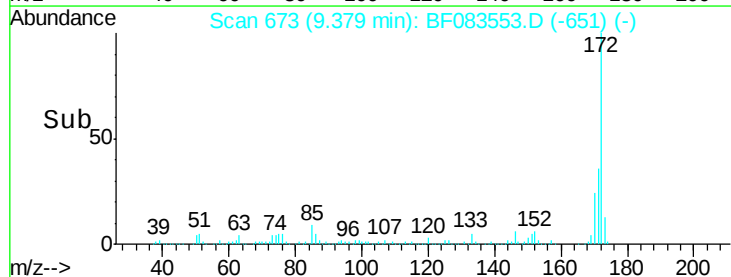
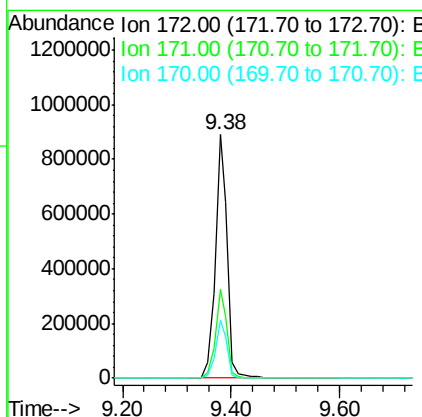
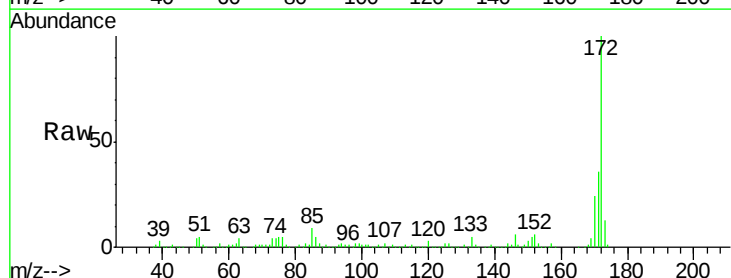
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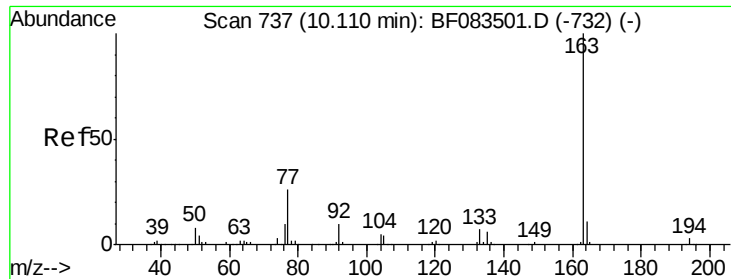
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#44
 2-Fluorobiphenyl
 Concen: 69.84 ng
 RT: 9.38 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF083553.D
 Acq: 7 Dec 2015 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1385184		
171	36.2	28.6	42.8	
170	23.8	19.4	29.0	





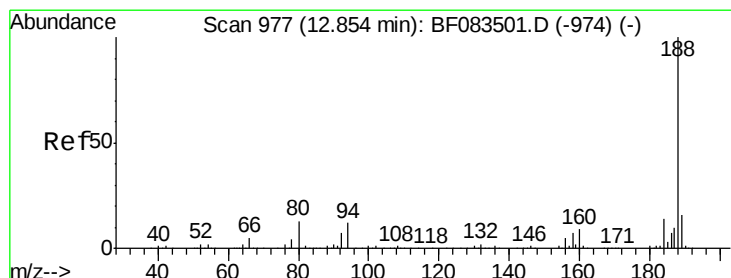
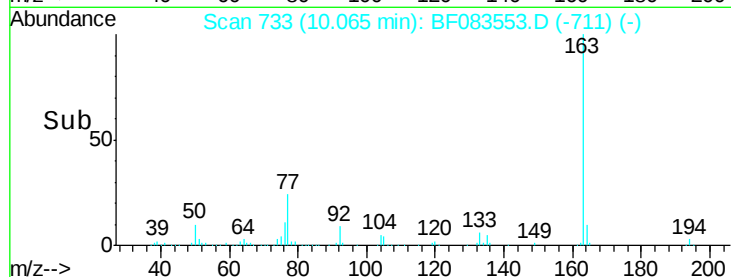
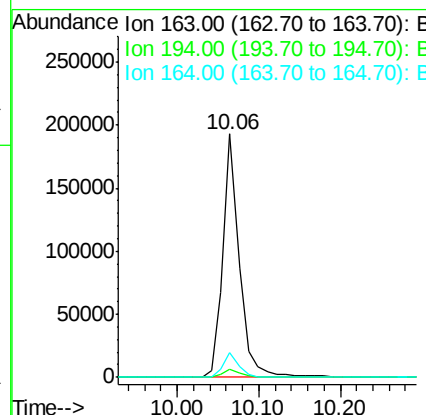
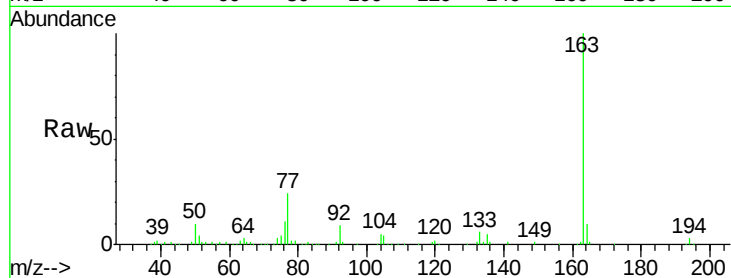
#49
Dimethylphthalate
Concen: 12.82 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083553.D
Acq: 7 Dec 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-11RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		271547		
194	3.2		2.8	4.2	
164	10.1		8.6	13.0	

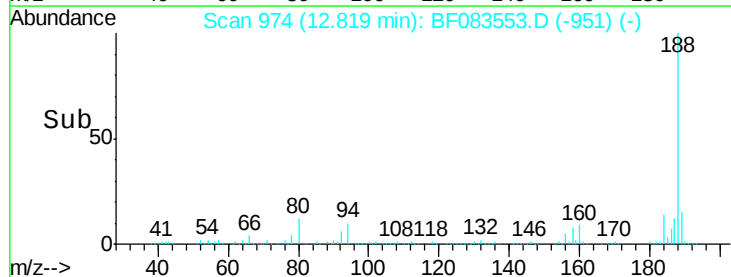
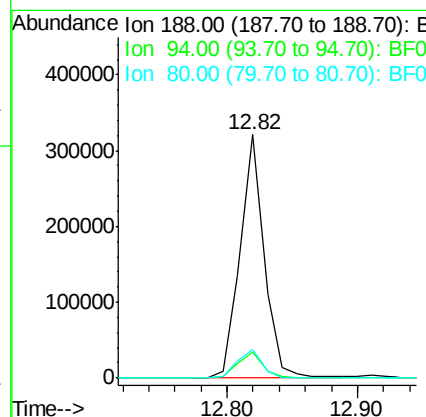
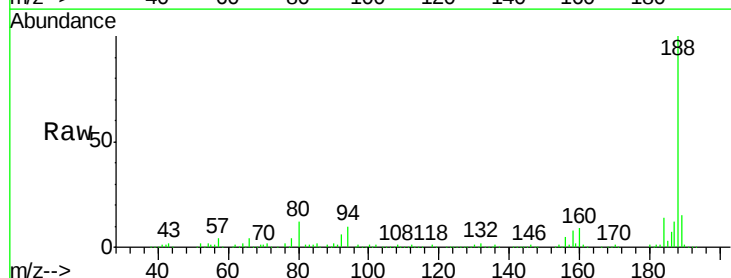
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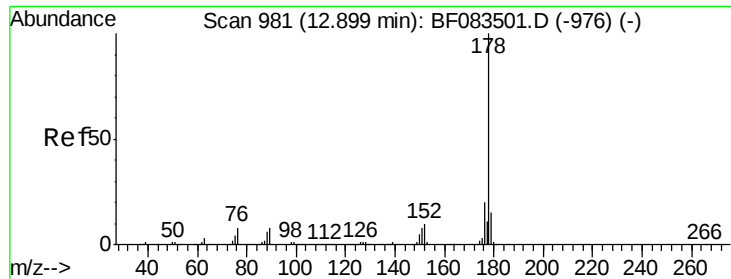
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083553.D
Acq: 7 Dec 2015 10:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		412527		
94	10.5		9.4	14.2	
80	11.9		10.6	16.0	





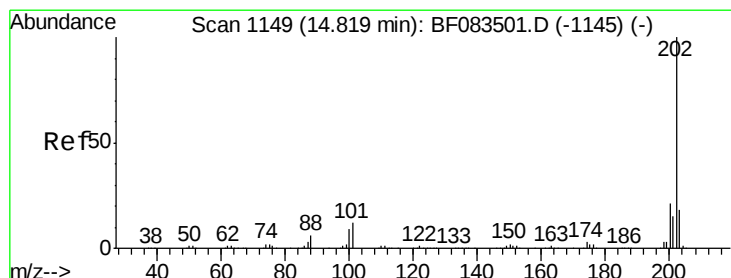
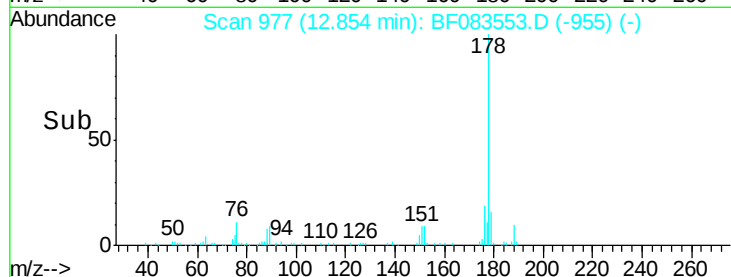
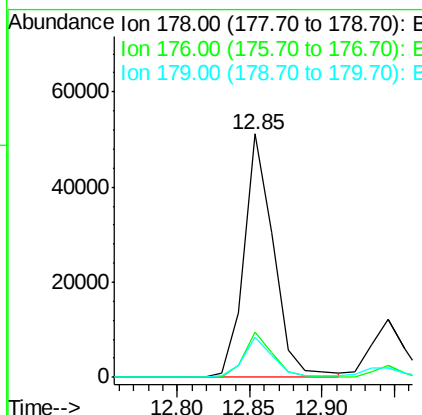
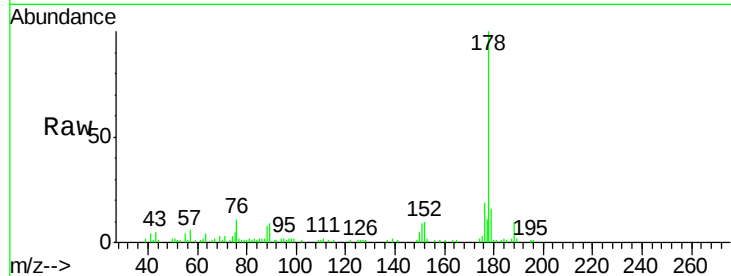
#70
Phenanthrene
Concen: 3.01 ng
RT: 12.85 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF083553.D
Acq: 7 Dec 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-11RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	16.2	12.2	18.4

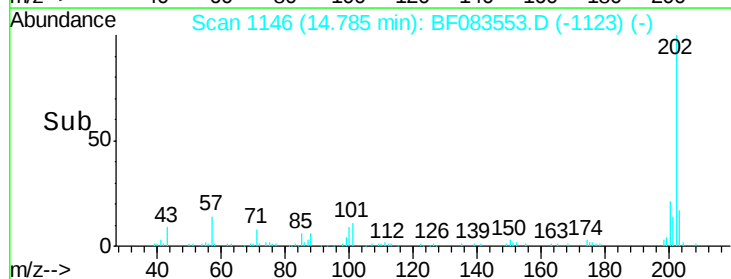
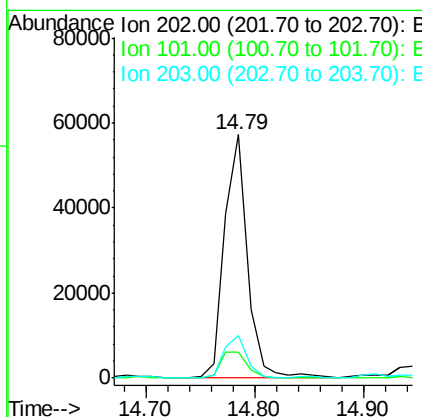
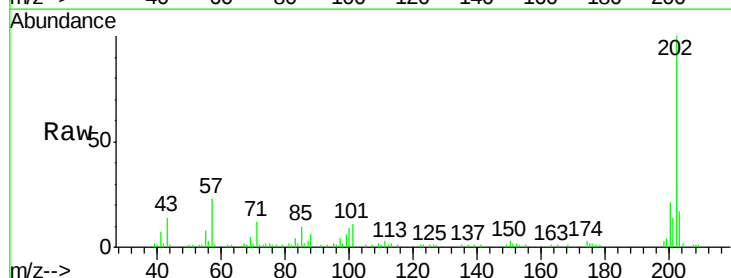
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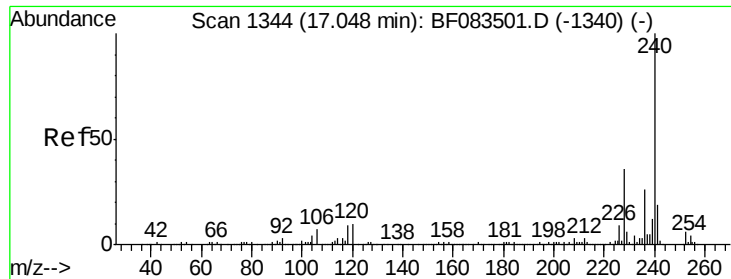
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#74
Fluoranthene
Concen: 3.52 ng
RT: 14.79 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083553.D
Acq: 7 Dec 2015 10:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	17.5	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083553.D

Acq: 7 Dec 2015 10:18

Instrument :

BNA_F

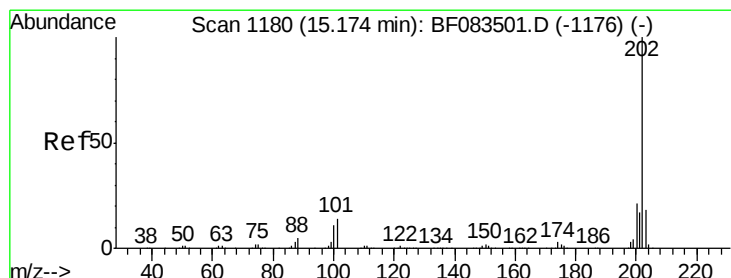
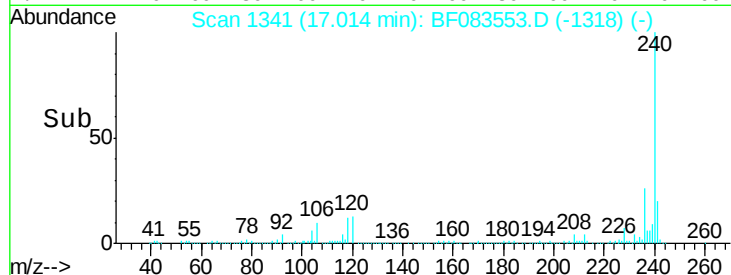
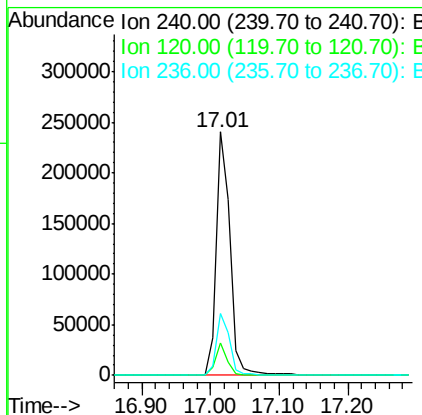
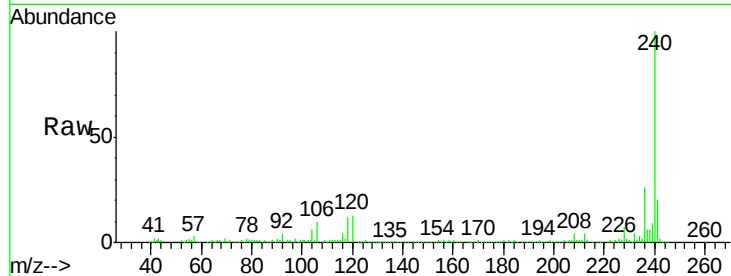
ClientSampleId :

SB-11RE

Tot Ion:	240	Resp:	343074
Ion Ratio	Lower	Upper	
240	100		
120	13.5	8.1	12.1#
236	25.6	20.8	31.2

Manual Integrations
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#77

Pyrene

Concen: 2.87 ng

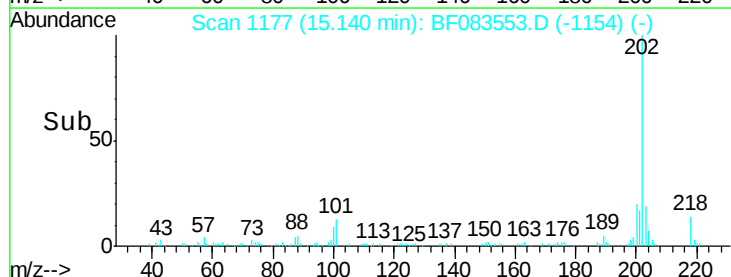
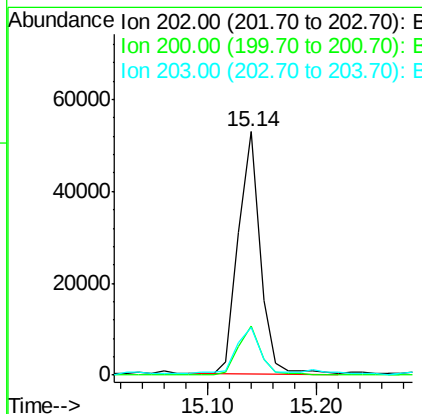
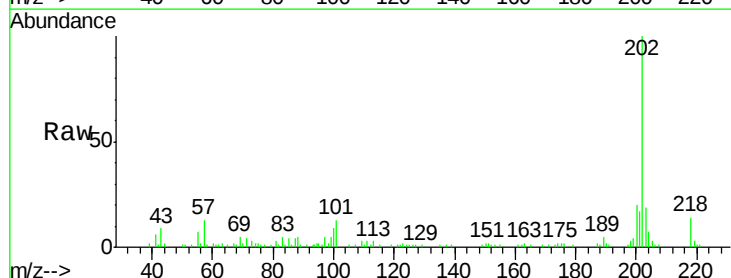
RT: 15.14 min Scan# 1177

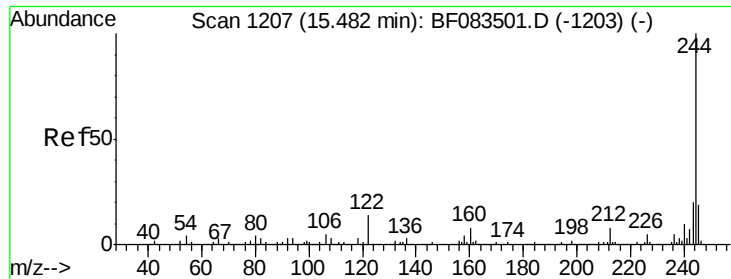
Delta R.T. -0.03 min

Lab File: BF083553.D

Acq: 7 Dec 2015 10:18

Tgt Ion:	202	Resp:	73762
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.7	25.1
203	19.4	14.3	21.5





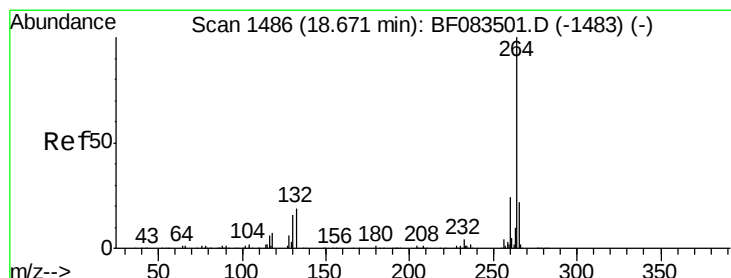
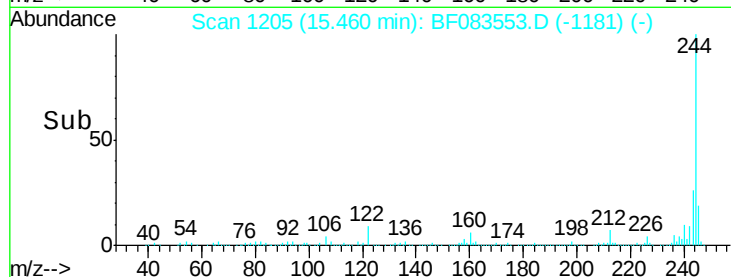
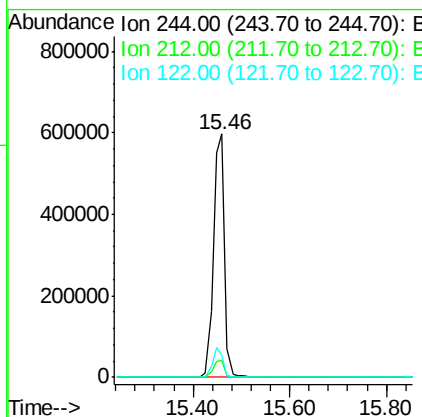
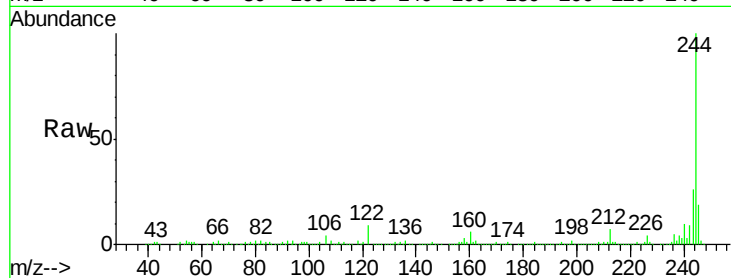
#78
 Terphenyl-d14
 Concen: 63.27 ng
 RT: 15.46 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF083553.D
 Acq: 7 Dec 2015 10:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-11RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	9.3	11.0	16.6

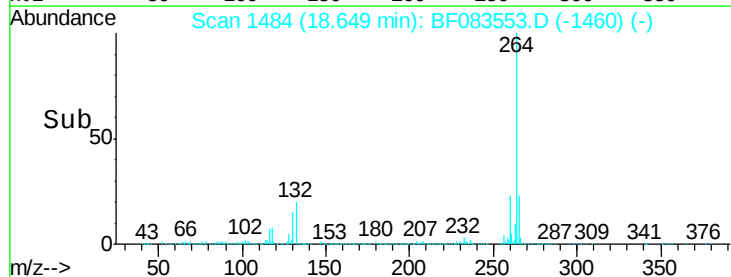
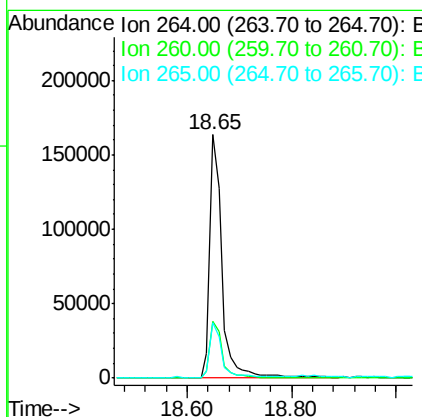
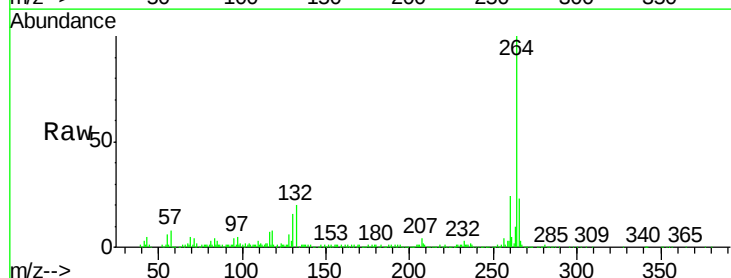
Manual Integrations
 APPROVED

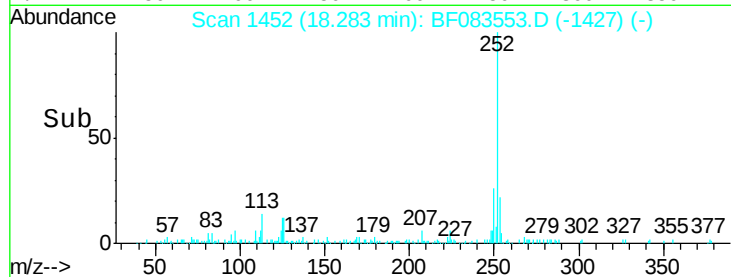
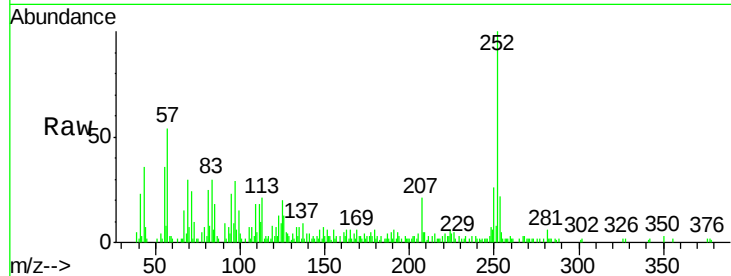
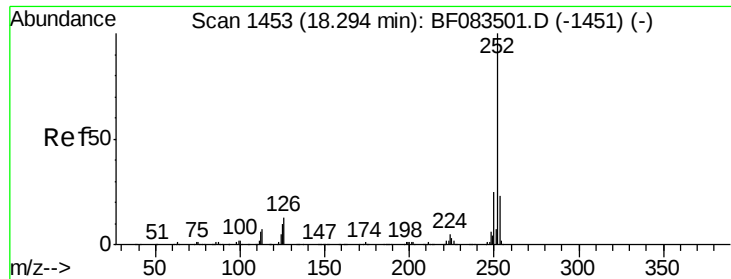
Mmdadoda
 12/7/2015 6:33:45 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083553.D
 Acq: 7 Dec 2015 10:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	23.0	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 2.44 ng m

RT: 18.28 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF083553.D

Acq: 7 Dec 2015 10:18

Instrument :

BNA_F

ClientSampleId :

SB-11RE

Tot Ion:	252	Resp:	36700
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.4
125	20.3	8.2	12.4

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:33:45 PM

