

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077934.D
 Acq On : 25 Mar 2015 4:06
 Operator : TP/IZ
 Sample : G1613-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-1

Manual Integrations
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Quant Time: Mar 25 05:16:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 04:36:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	44689	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	184743	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	87368	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	167992	20.00	ng	0.00
75) Chrysene-d12	15.99	240	184095	20.00	ng	0.00
86) Perylene-d12	17.75	264	175491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	267157	104.35	ng	0.00
7) Phenol-d6	6.69	99	329575	104.19	ng	0.00
23) Nitrobenzene-d5	7.81	82	201980	71.67	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	77498	92.71	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	421861	70.96	ng	0.00
78) Terphenyl-d14	14.69	244	451619	59.92	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.73	178	36059	3.74	ng	100
74) Fluoranthene	14.20	202	61396	5.77	ng	98
77) Pyrene	14.48	202	54927	4.74	ng	97
80) Benzo(a)anthracene	15.97	228	32663	2.99	ng	# 90
82) Chrysene	16.02	228	23280m	2.37	ng	
87) Benzo(b)fluoranthene	17.29	252	36304m	3.17	ng	
89) Benzo(a)pyrene	17.68	252	24654	2.58	ng	# 85

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

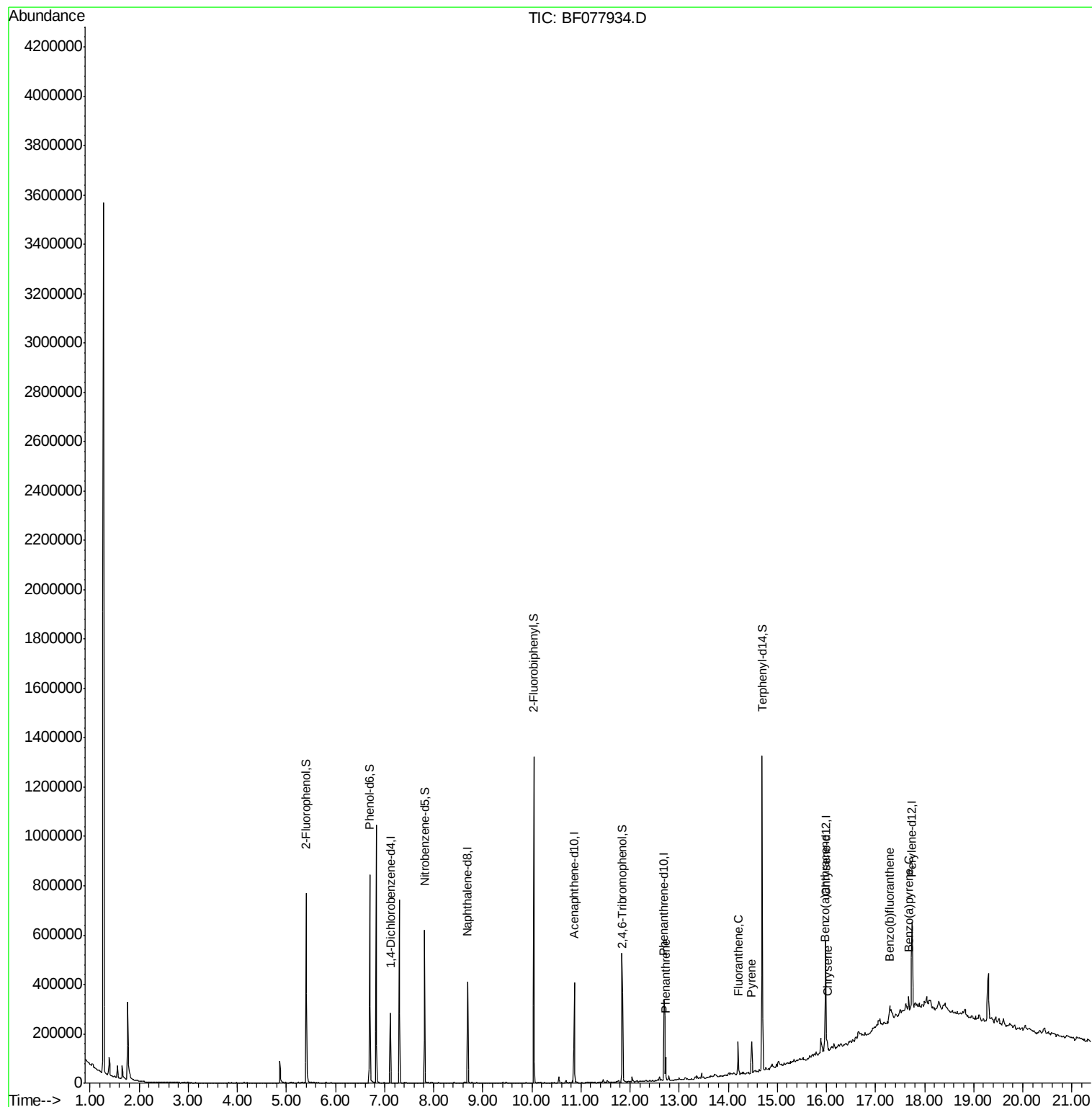
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077934.D
Acq On : 25 Mar 2015 4:06
Operator : TP/IZ
Sample : G1613-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

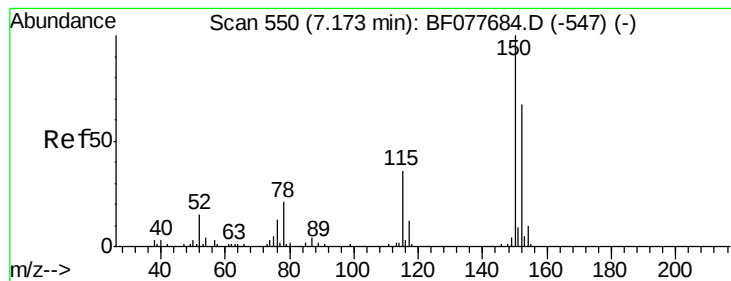
Instrument :
BNA_F
ClientSampleId :
SB-3-1

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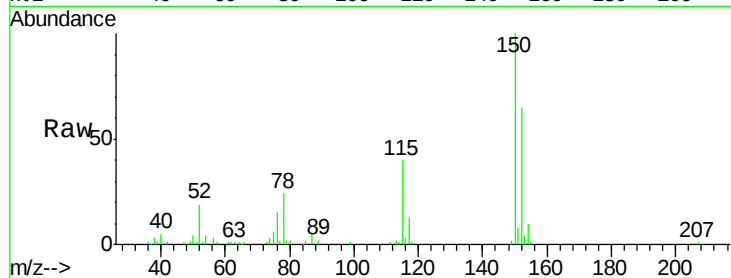
Quant Time: Mar 25 05:16:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 04:36:48 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.12 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

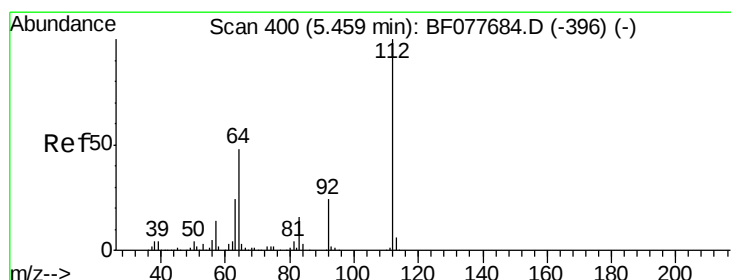
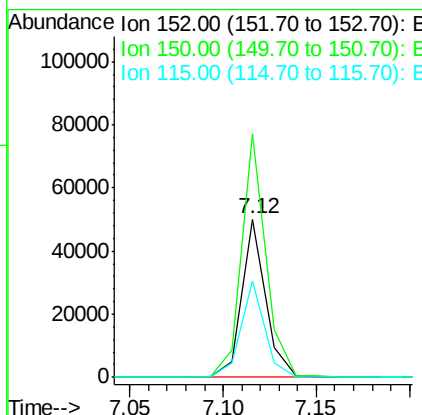
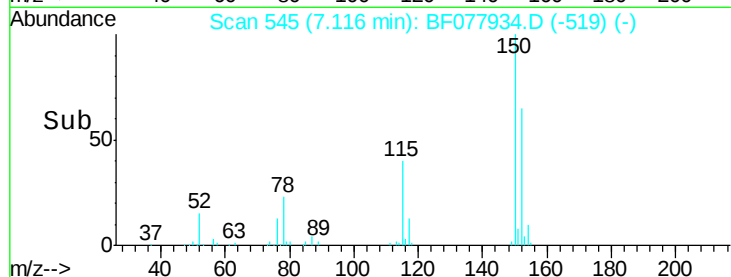
Instrument :
 BNA_F
 ClientSampled :
 SB-3-1



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	119.5	179.3
115	61.2	43.0	64.4

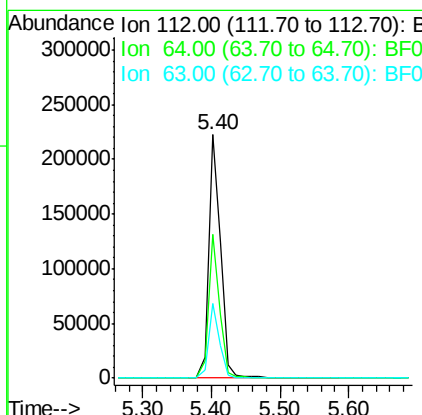
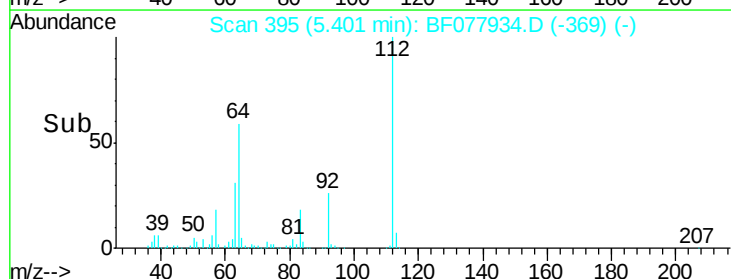
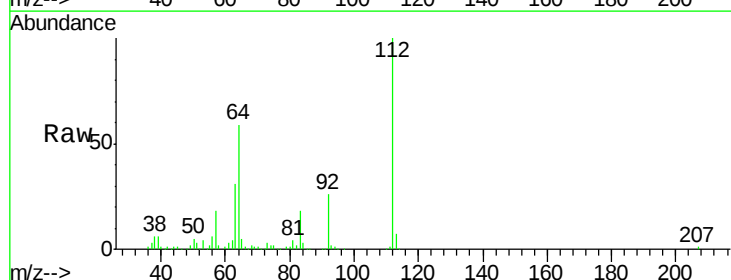
Manual Integrations
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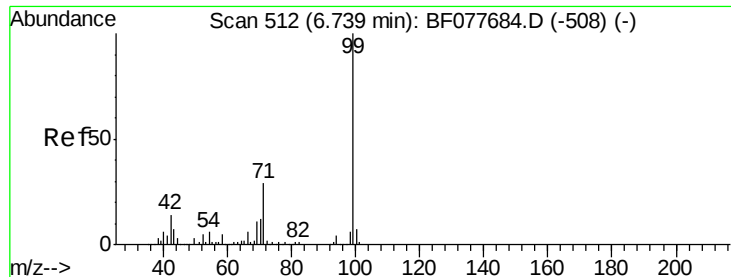
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#5
 2-Fluorophenol
 Concen: 104.35 ng
 RT: 5.40 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	38.6	57.8#
63	30.7	19.3	28.9#





#7

Phenol-d6

Concen: 104.19 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

Instrument :

BNA_F

ClientSampleId :

SB-3-1

Tgt Ion: 99 Resp: 329575
Ion Ratio Lower Upper

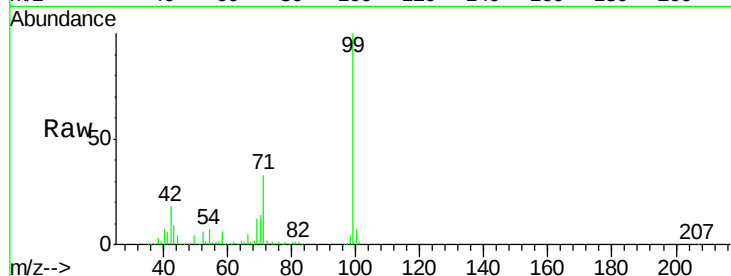
99 100

42 18.0 11.0 16.4#

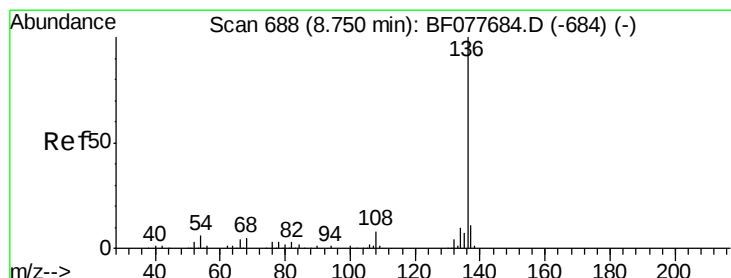
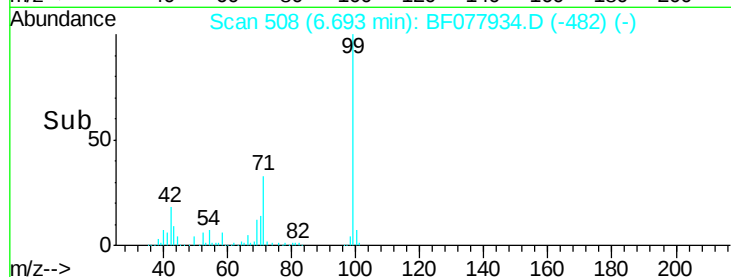
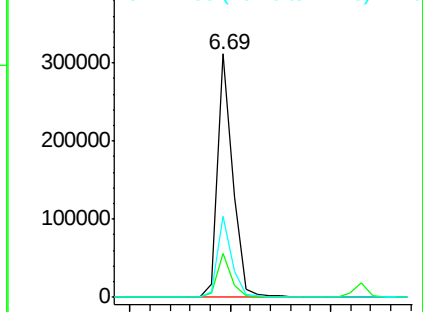
71 33.4 23.4 35.2

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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: 8.69 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

Tgt Ion: 136 Resp: 184743
Ion Ratio Lower Upper

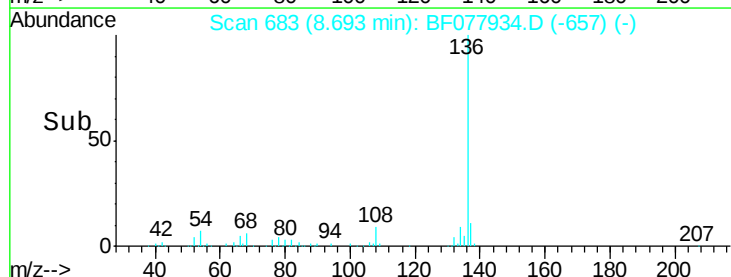
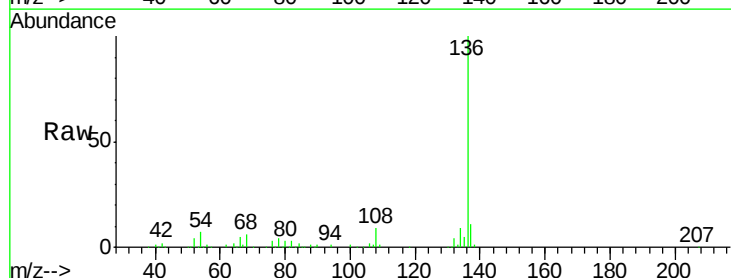
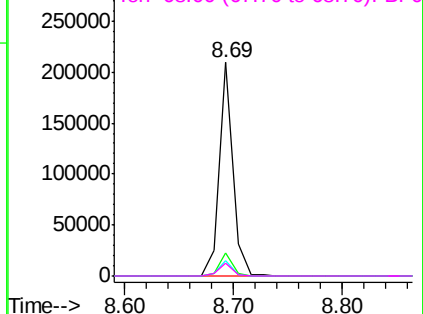
136 100

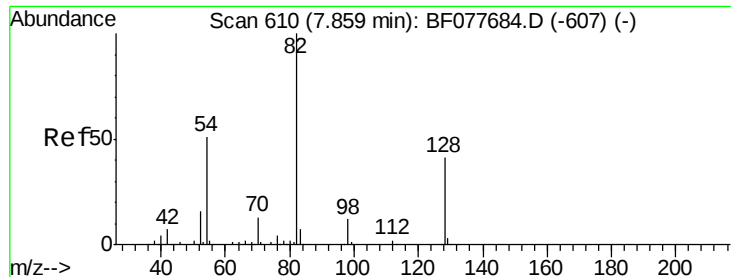
137 10.7 8.7 13.1

54 7.5 4.6 6.8#

68 5.8 3.7 5.5#

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





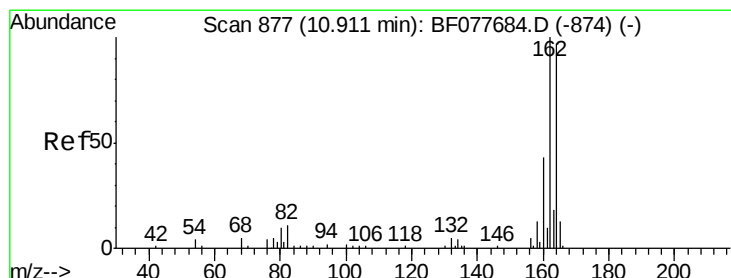
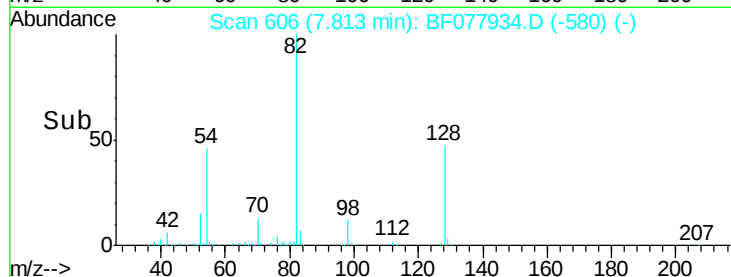
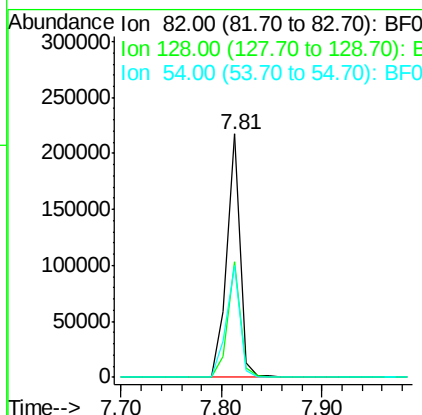
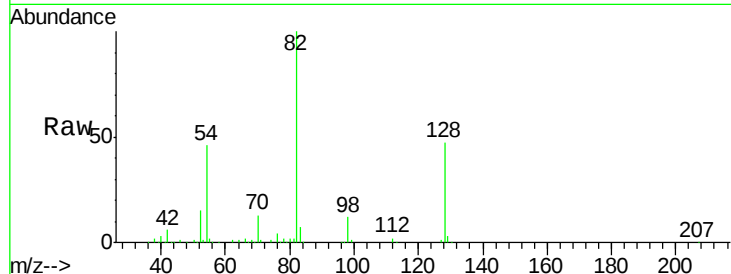
#23
 Nitrobenzene-d5
 Concen: 71.67 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-1

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	201980		
128	47.5	32.8	49.2	
54	46.1	40.6	60.8	

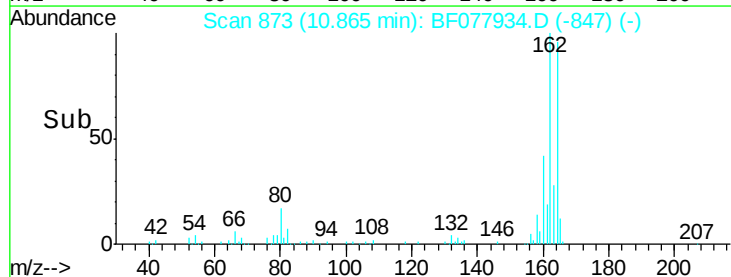
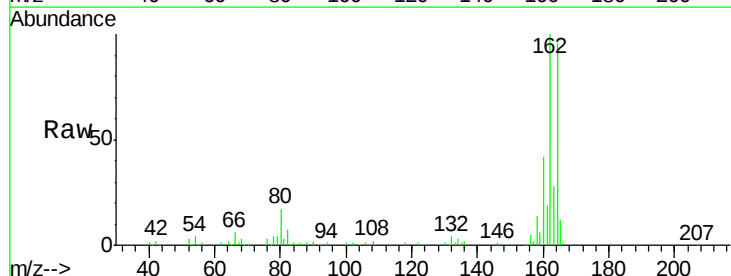
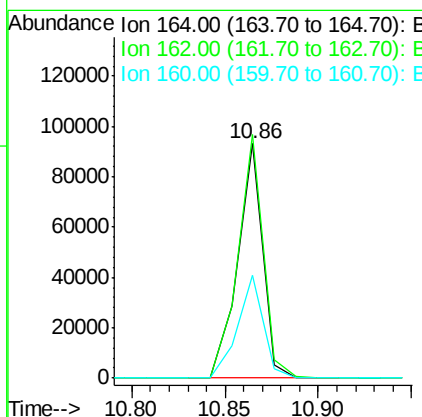
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87368		
162	103.8	82.4	123.6	
160	43.9	35.8	53.6	





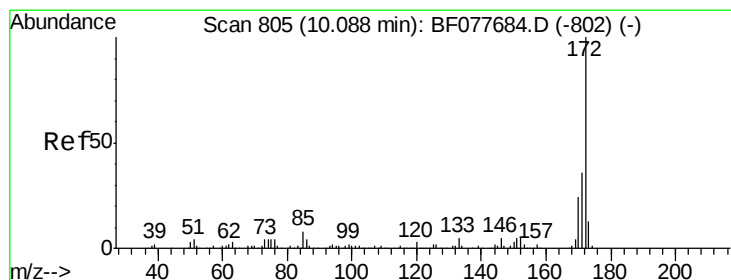
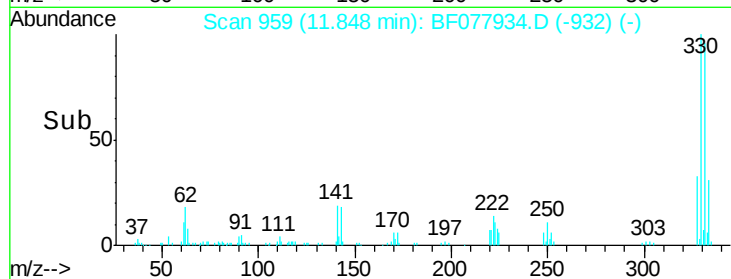
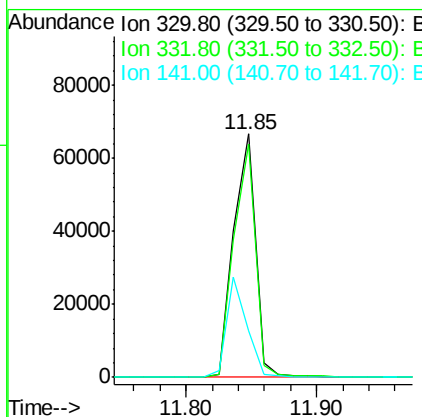
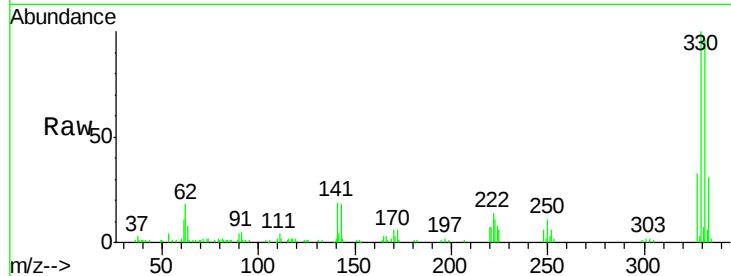
#41
 2,4,6-Tribromophenol
 Concen: 92.71 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Instrument :
 BNA_F
 ClientSampled :
 SB-3-1

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	38.4	0.0	0.0#

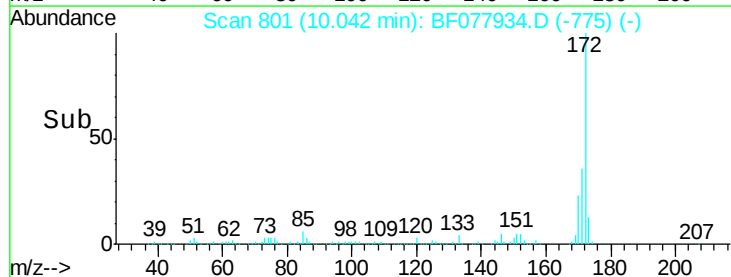
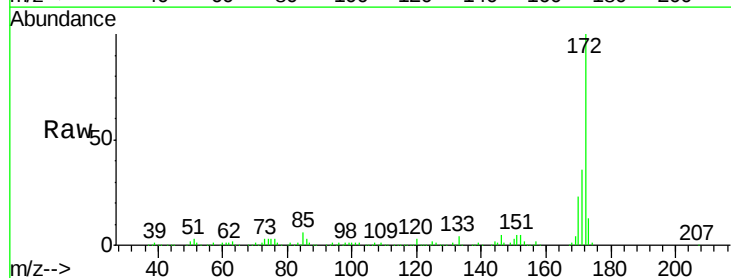
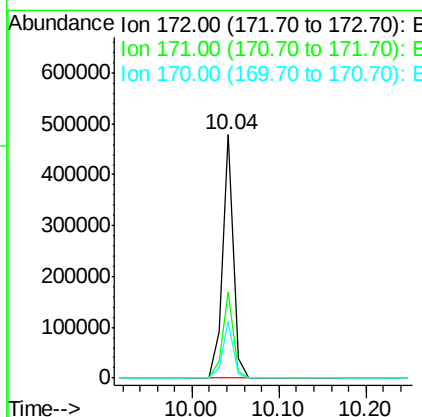
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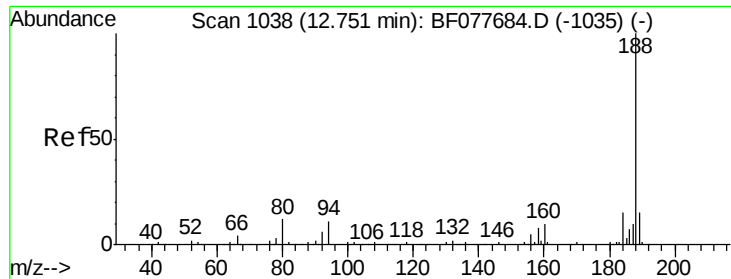
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#44
 2-Fluorobiphenyl
 Concen: 70.96 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	18.8	28.2





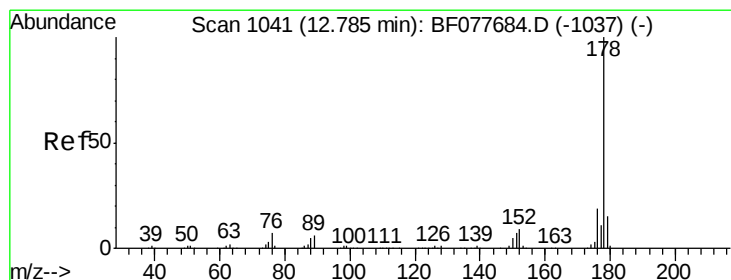
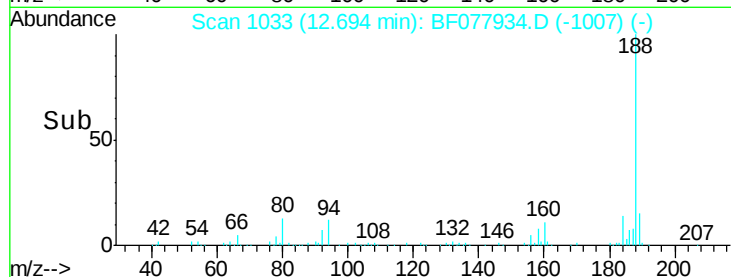
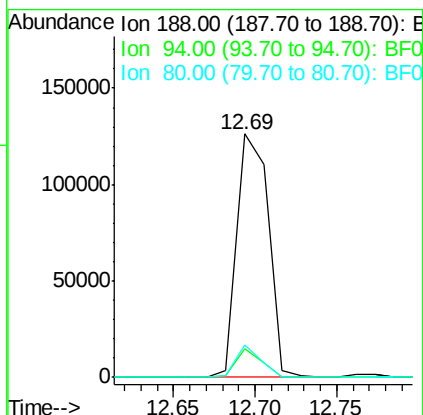
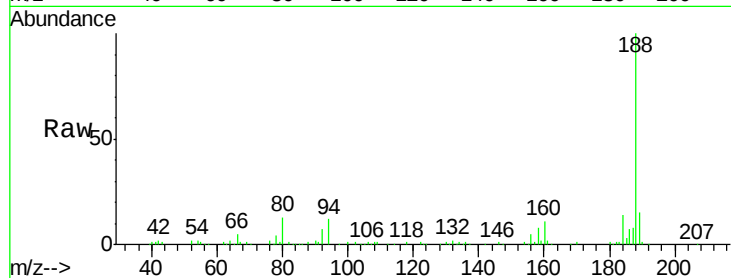
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077934.D
Acq: 25 Mar 2015 4:06

Instrument :
BNA_F
ClientSampleId :
SB-3-1

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	167992		
94	11.9	8.7	13.1	
80	13.5	9.3	13.9	

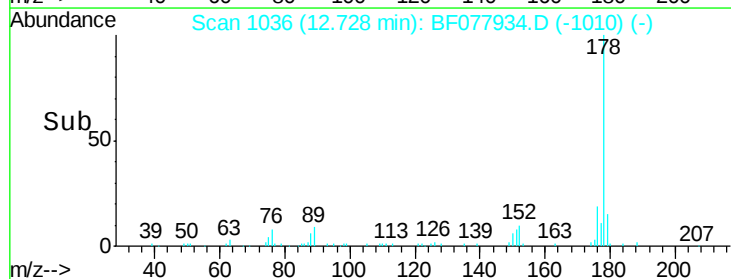
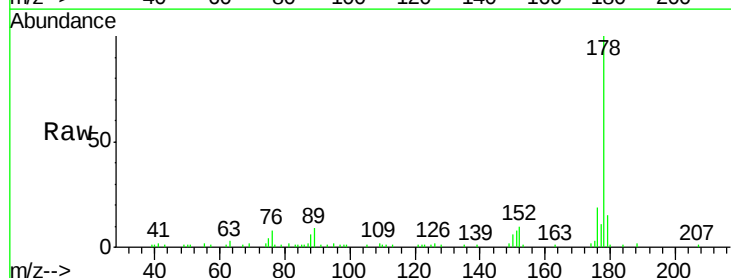
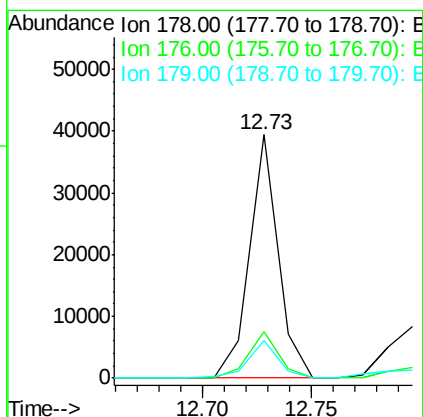
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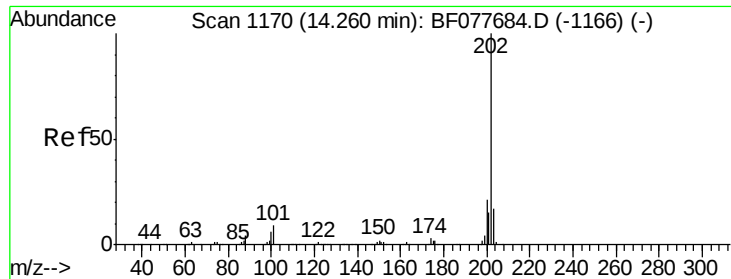
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#70
Phenanthrene
Concen: 3.74 ng
RT: 12.73 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF077934.D
Acq: 25 Mar 2015 4:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	36059		
176	19.1	15.2	22.8	
179	15.4	12.1	18.1	





#74

Fluoranthene

Concen: 5.77 ng

RT: 14.20 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

Instrument :

BNA_F

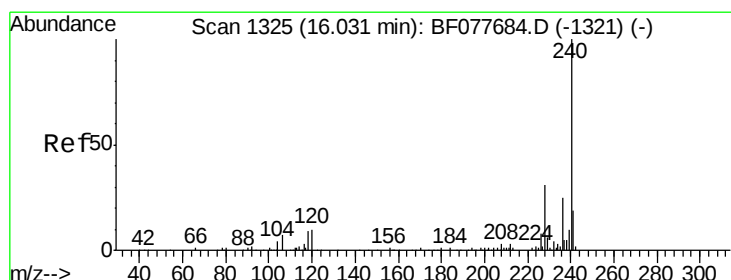
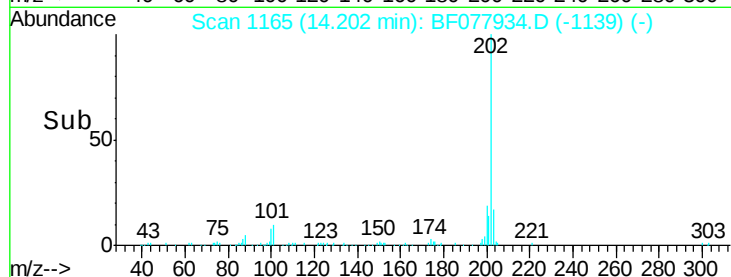
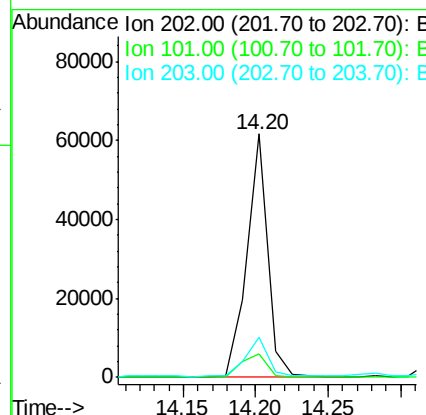
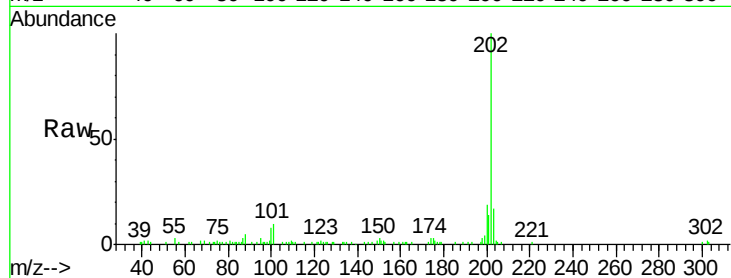
ClientSampleId :

SB-3-1

Tgt Ion:	202	Resp:	61396
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	28.7
203	16.6	0.0	37.2

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#75

Chrysene-d12

Concen: 20.00 ng

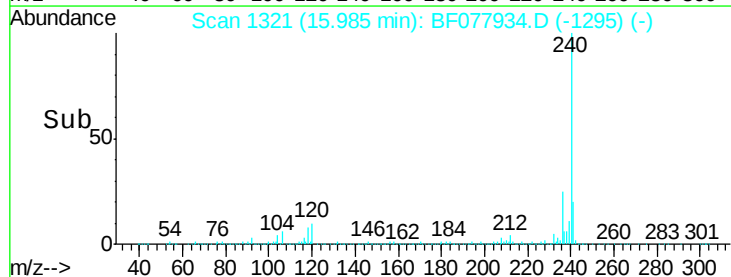
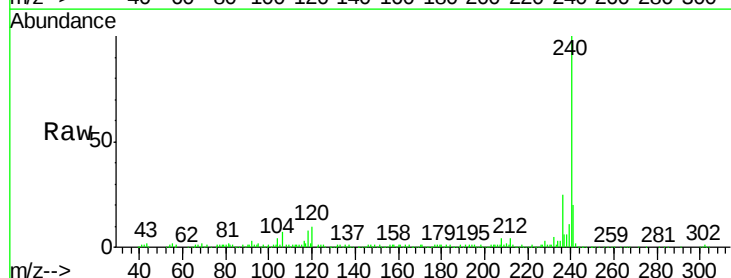
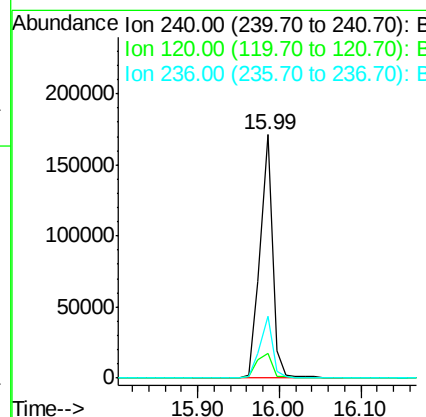
RT: 15.99 min Scan# 1321

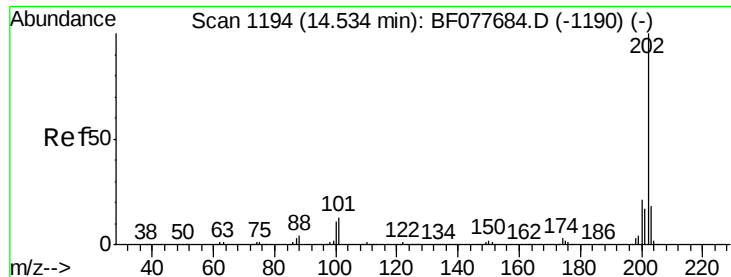
Delta R.T. -0.00 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

Tgt Ion:	240	Resp:	184095
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.2	12.2
236	25.2	20.0	30.0





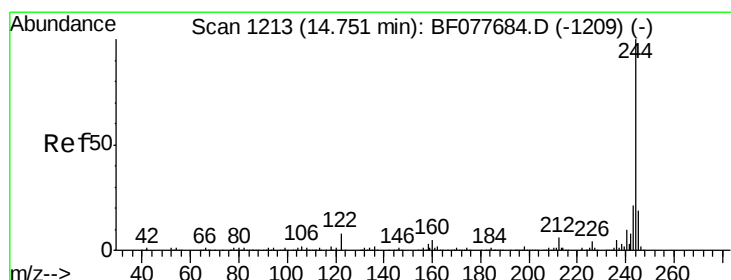
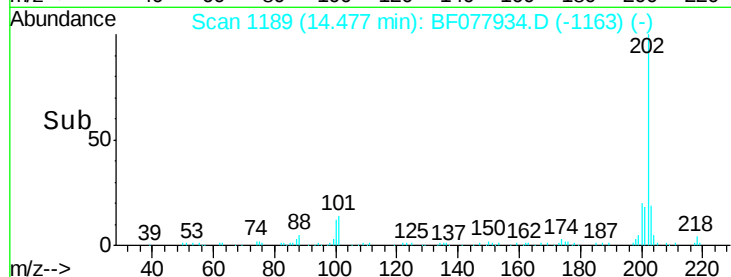
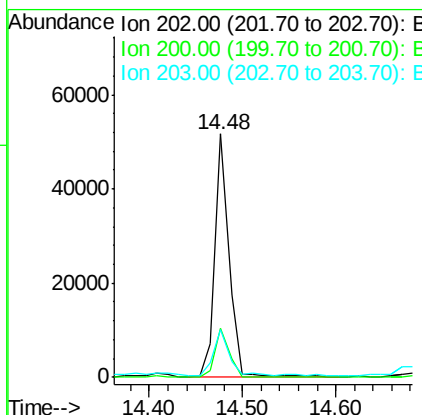
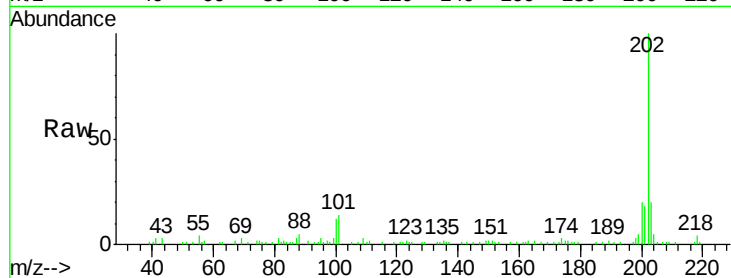
#77
 Pyrene
 Concen: 4.74 ng
 RT: 14.48 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	16.9	25.3
203	19.5	14.1	21.1

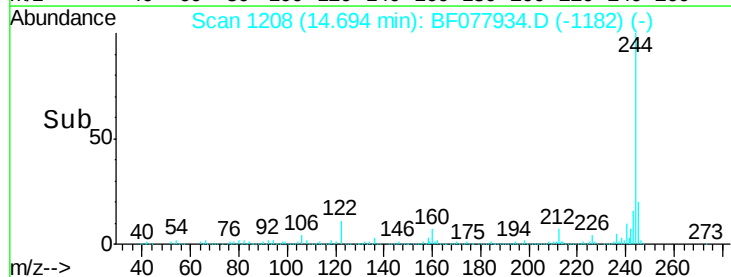
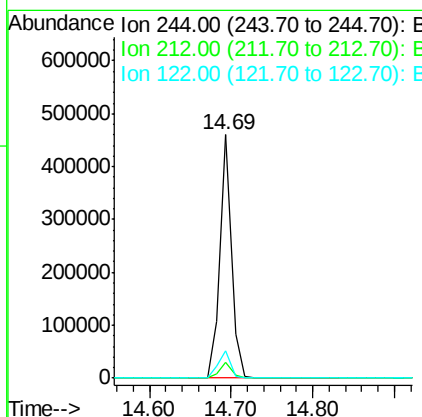
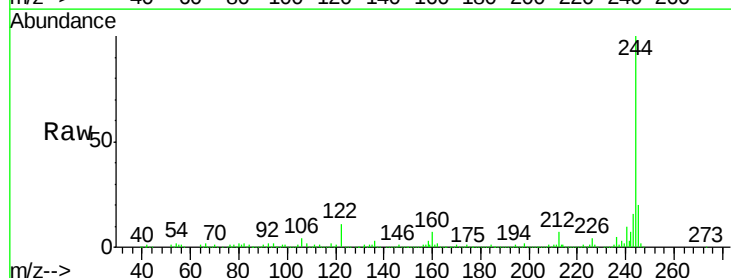
Manual Integrations
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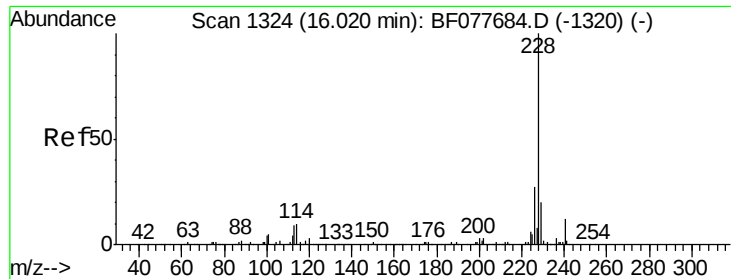
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#78
 Terphenyl-d14
 Concen: 59.92 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	4.9	7.3
122	11.3	6.2	9.4





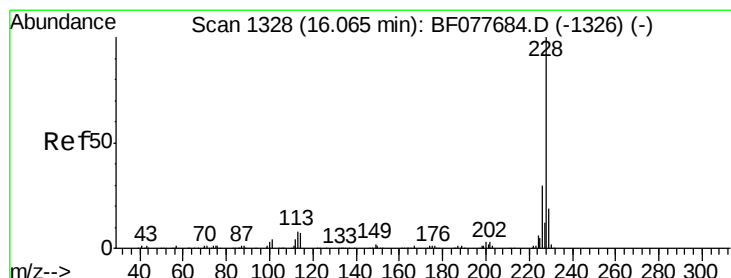
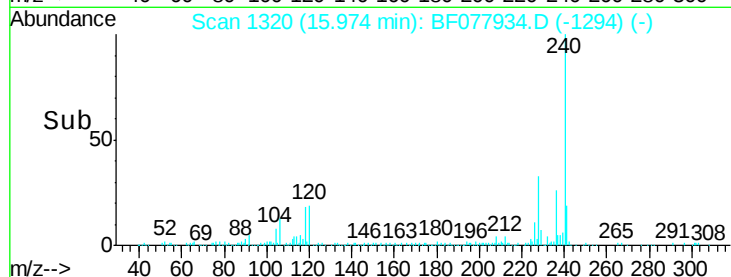
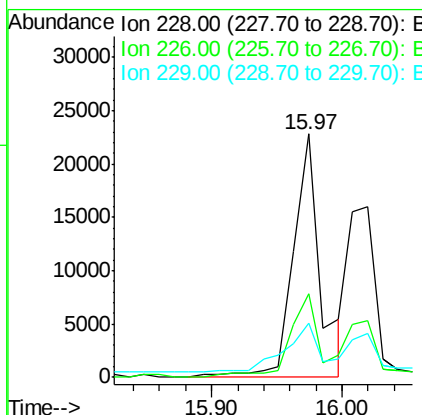
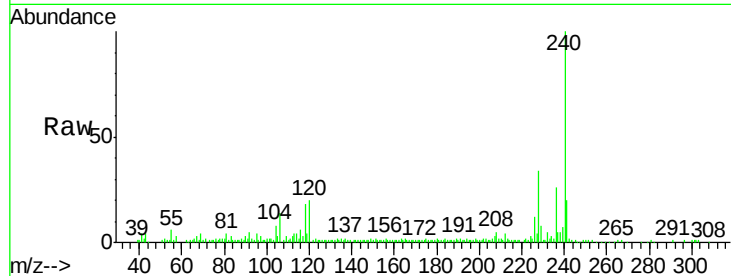
#80
Benzo(a)anthracene
Concen: 2.99 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF077934.D
Acq: 25 Mar 2015 4:06

Instrument :
BNA_F
ClientSampleId :
SB-3-1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	21.7	32.5#
229	22.4	16.0	24.0

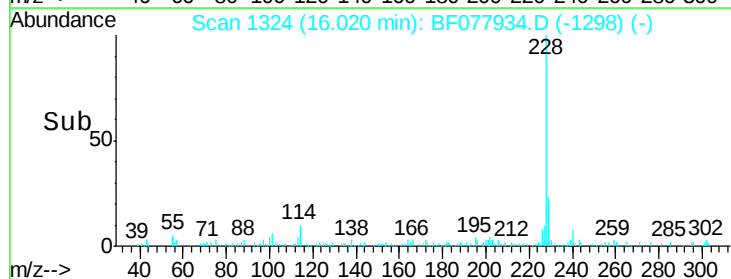
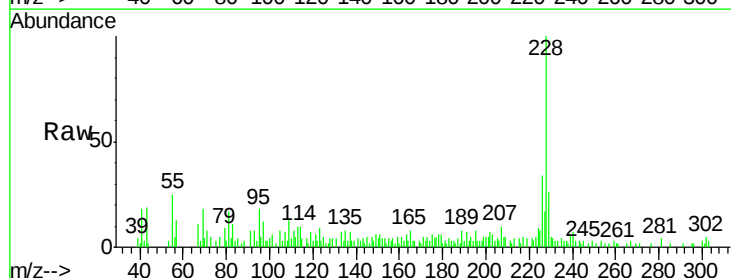
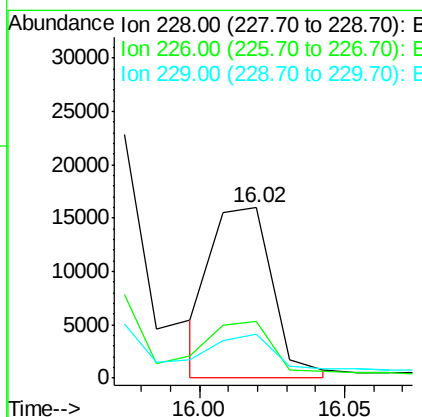
Manual Integrations
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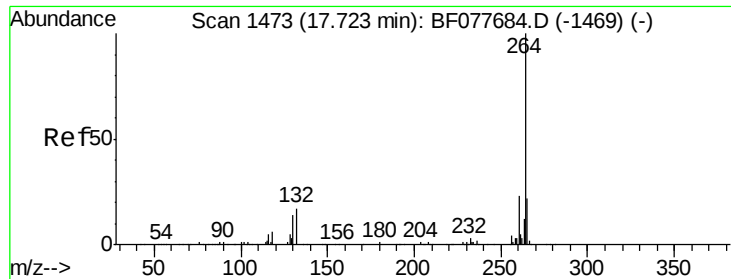
mohammad
3/25/2015 5:01:24 PM



#82
Chrysene
Concen: 2.37 ng m
RT: 16.02 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF077934.D
Acq: 25 Mar 2015 4:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.1	36.1
229	25.5	15.5	23.3#





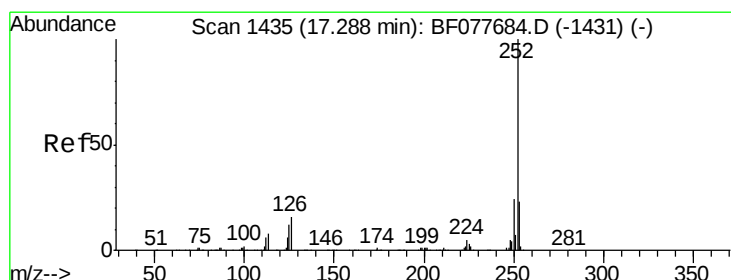
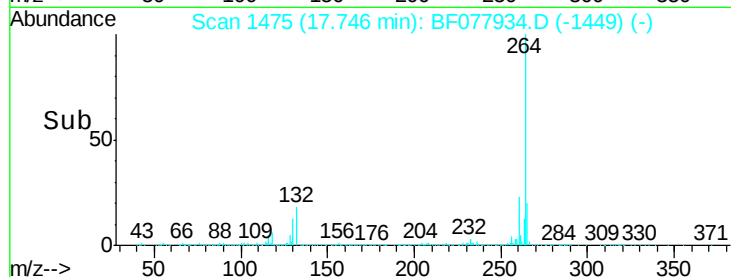
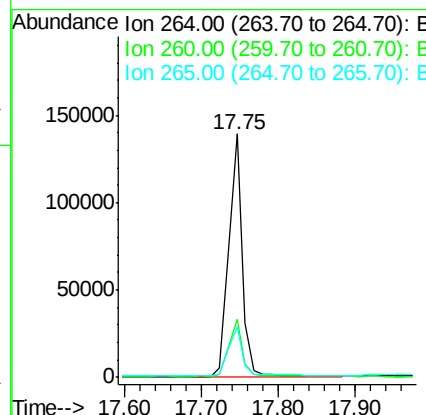
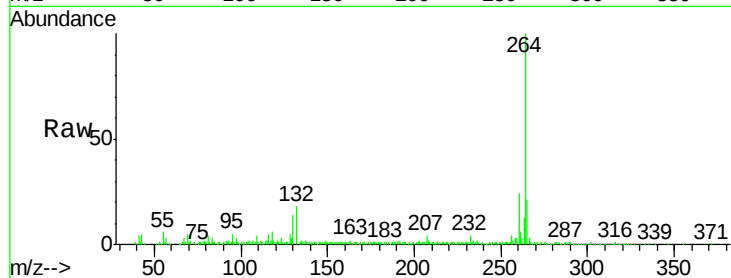
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF077934.D
Acq: 25 Mar 2015 4:06

Instrument :
BNA_F
ClientSampleId :
SB-3-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	20.9	17.3	25.9

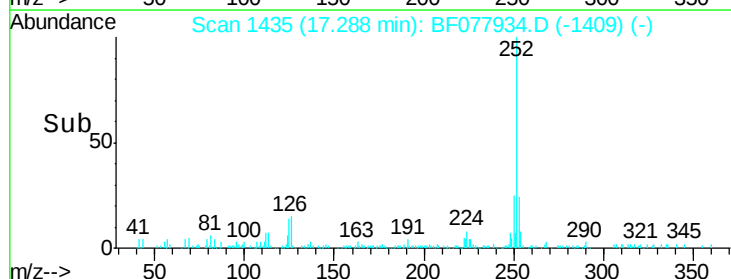
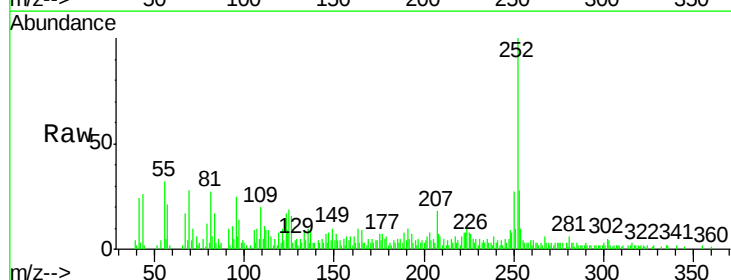
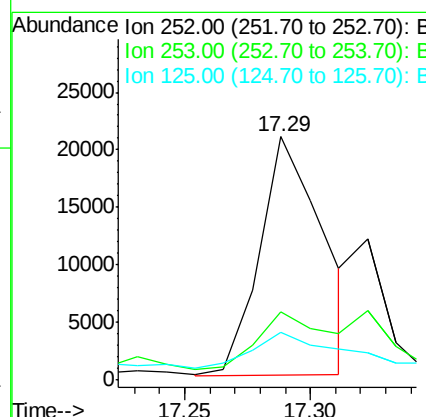
Manual Integrations
APPROVED

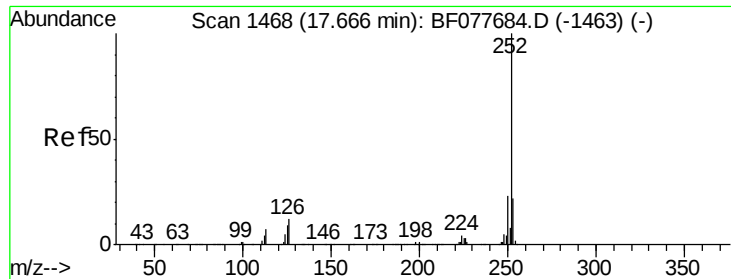
mohammad
3/25/2015 5:01:24 PM



#87
Benzo(b)fluoranthene
Concen: 3.17 ng m
RT: 17.29 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF077934.D
Acq: 25 Mar 2015 4:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.0	27.0#
125	19.4	9.9	14.9#





#89
 Benzo(a)pyrene
 Concen: 2.58 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.6	26.4#
125	16.1	7.4	11.2#

Manual Integrations
 APPROVED

mohammad
 3/25/2015 5:01:24 PM

