

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077943.D
 Acq On : 25 Mar 2015 8:22
 Operator : TP/IZ
 Sample : G1615-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22

Manual Integrations
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Quant Time: Mar 25 09:17:40 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 09:01:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42068	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	172598	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	89995	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	171418	20.00	ng	0.01
75) Chrysene-d12	15.99	240	186159	20.00	ng	0.00
86) Perylene-d12	17.71	264	184177	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	254605	105.64	ng	0.00
7) Phenol-d6	6.70	99	333222	111.91	ng	0.01
23) Nitrobenzene-d5	7.81	82	200051	75.98	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	79586	92.43	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	426831	69.70	ng	0.00
78) Terphenyl-d14	14.69	244	486935	63.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.56	163	91746	13.75	ng	99
70) Phenanthrene	12.73	178	30777	3.13	ng	99
74) Fluoranthene	14.20	202	55443	5.11	ng	97
77) Pyrene	14.48	202	47609	4.07	ng	# 96
80) Benzo(a)anthracene	15.96	228	28708	2.60	ng	# 85
82) Chrysene	16.01	228	27206	2.74	ng	# 95
87) Benzo(b)fluoranthene	17.27	252	39124m	3.25	ng	#
89) Benzo(a)pyrene	17.65	252	29305	2.92	ng	# 87

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

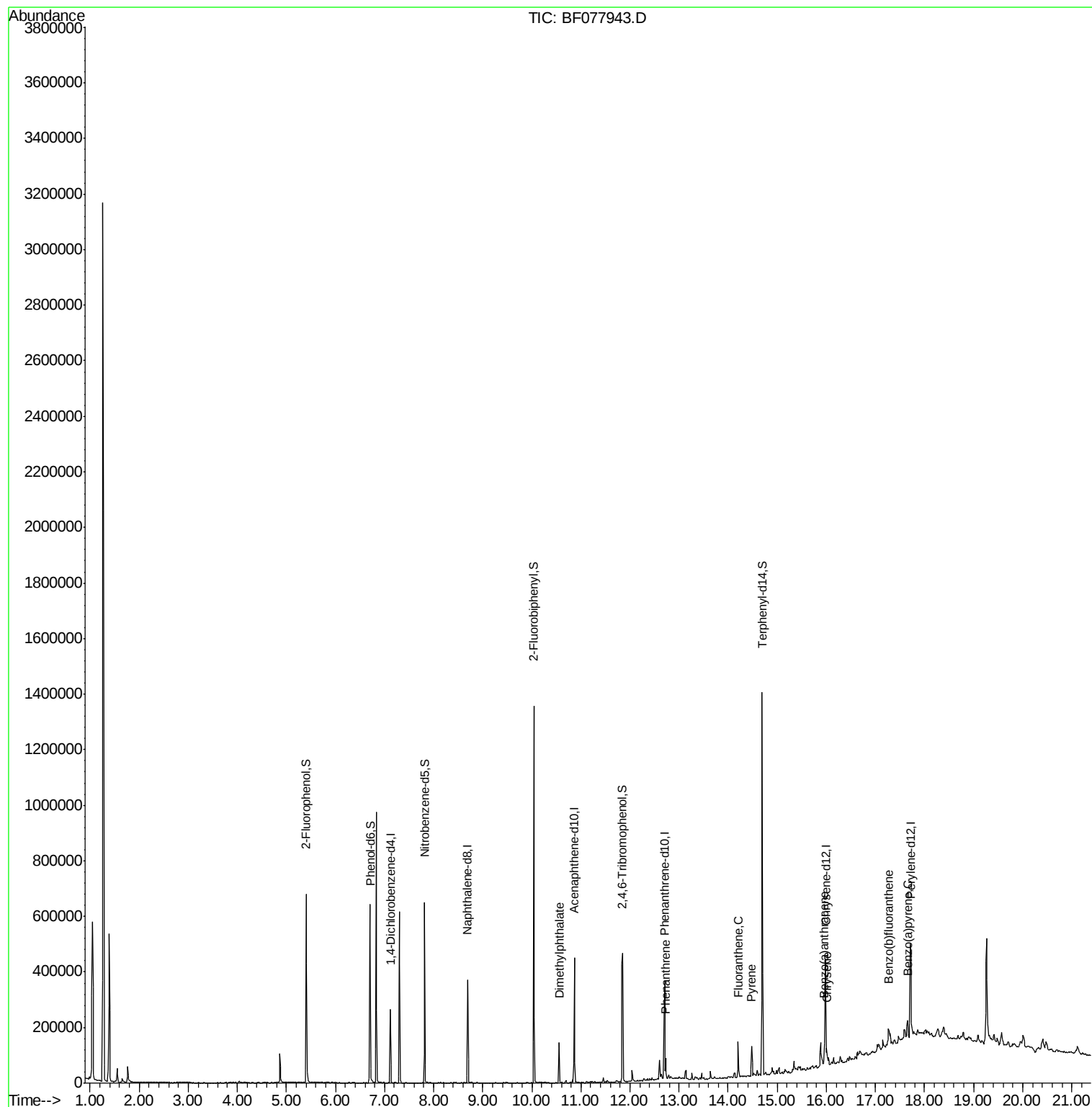
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077943.D
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Operator : TP/IZ
Sample : G1615-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

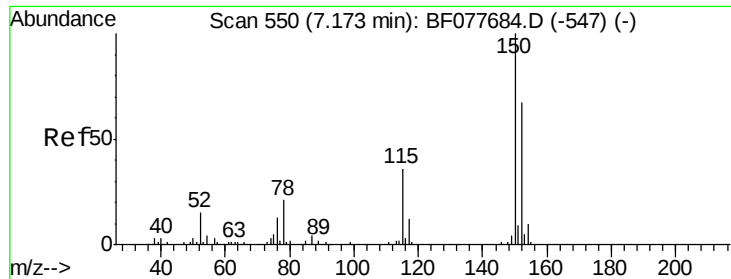
Instrument :
BNA_F
ClientSampleId :
SB-22

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Quant Time: Mar 25 09:17:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

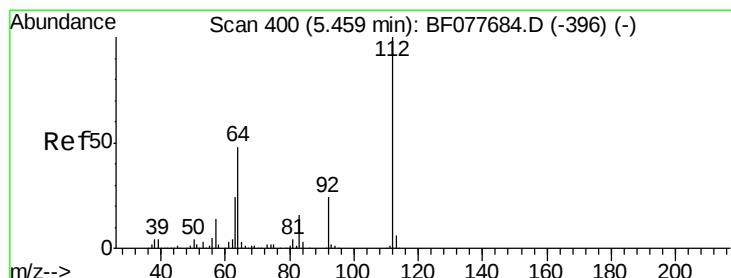
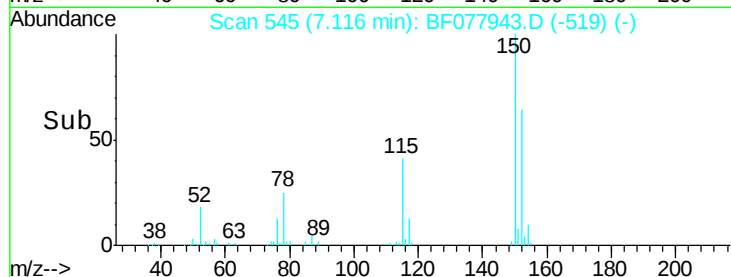
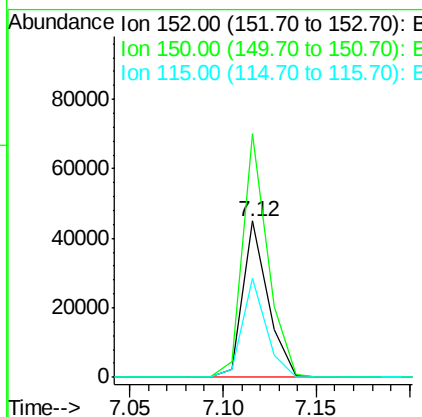
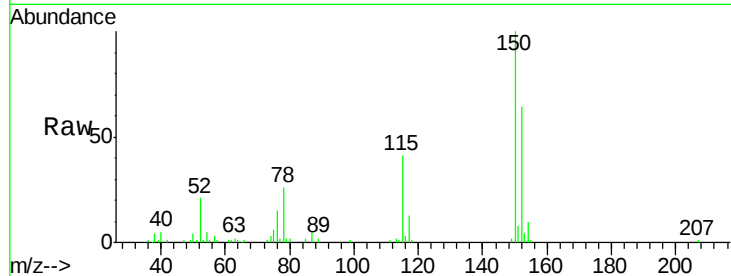
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077943.D
Acq: 25 Mar 2015 8:22

Instrument :
BNA_F
ClientSampleId :
SB-22

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.5	179.3
115	63.6	43.0	64.4

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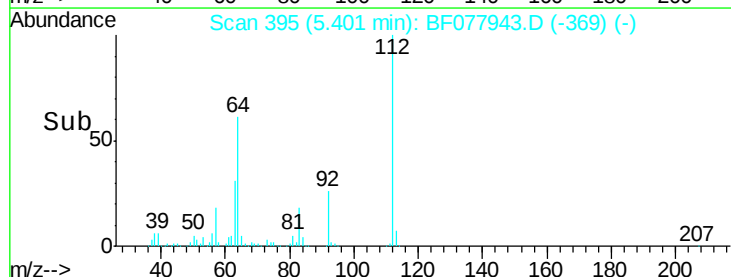
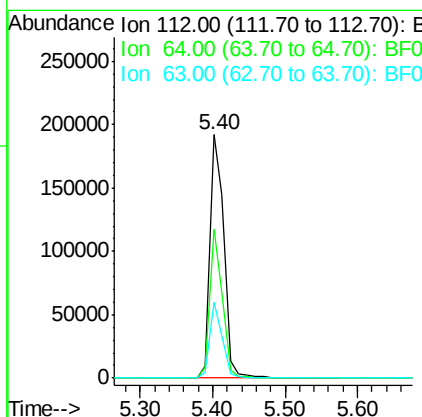
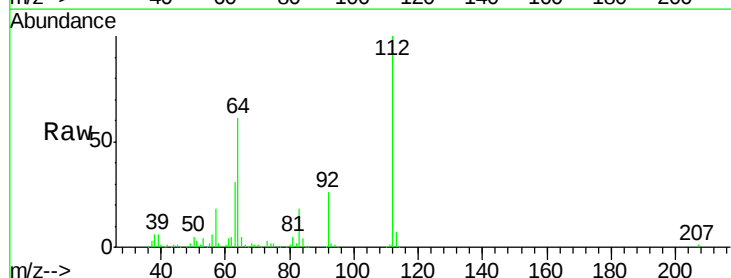
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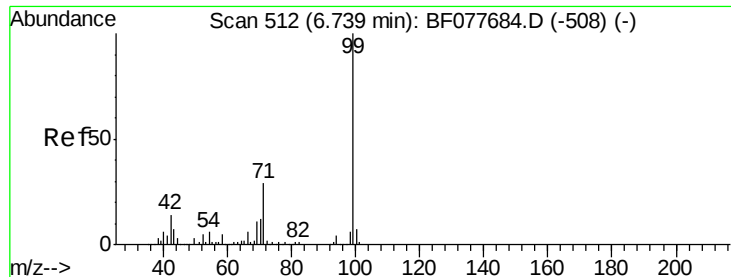


#5

2-Fluorophenol
Concen: 105.64 ng
RT: 5.40 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF077943.D
Acq: 25 Mar 2015 8:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	38.6	57.8#
63	31.4	19.3	28.9#





#7

Phenol-d6

Concen: 111.91 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF077943.D

Acq: 25 Mar 2015 8:22

Instrument :

BNA_F

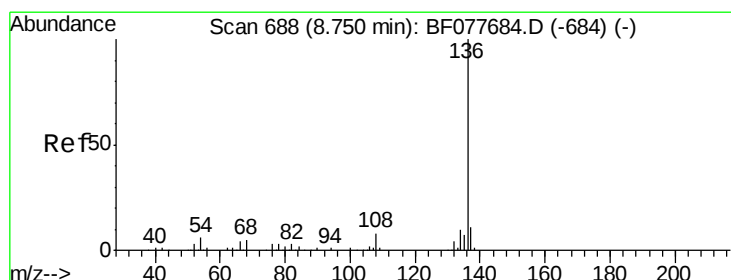
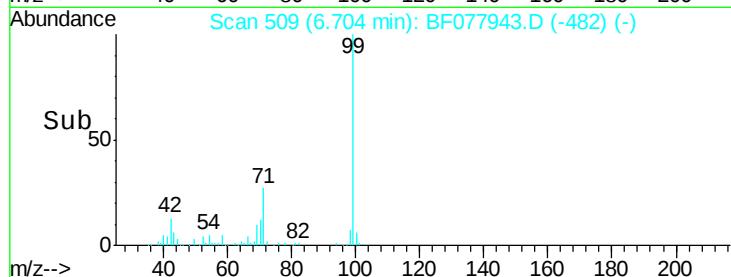
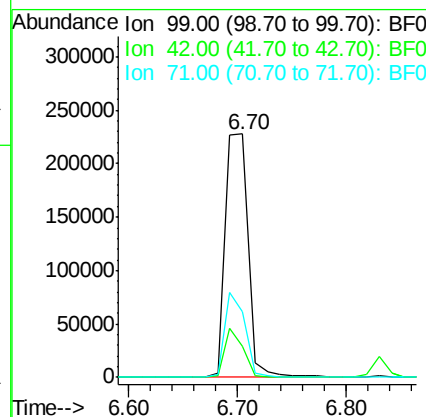
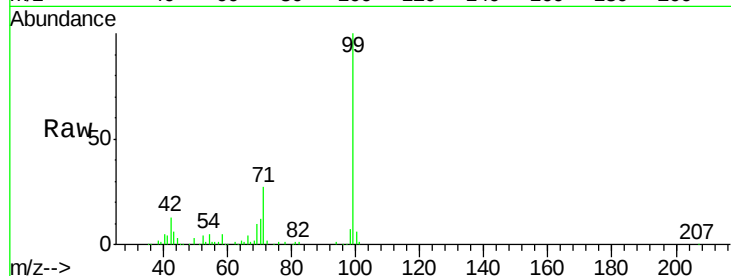
ClientSampleId :

SB-22

Tgt Ion:	99	Resp:	333222
Ion Ratio	Lower	Upper	
99	100		
42	12.8	11.0	16.4
71	27.2	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

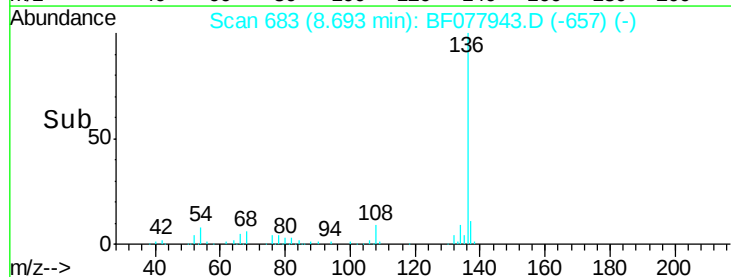
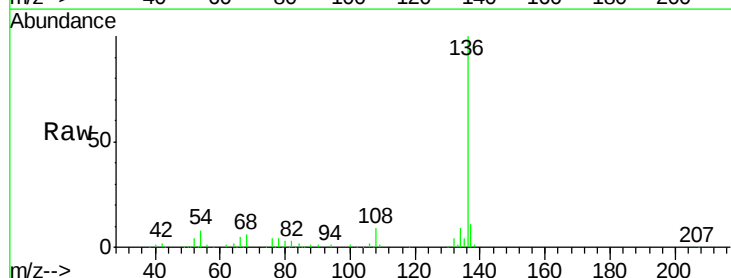
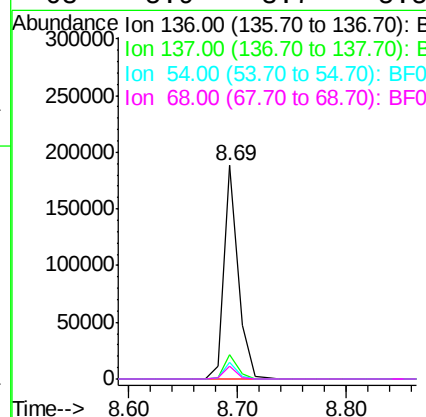
RT: 8.69 min Scan# 683

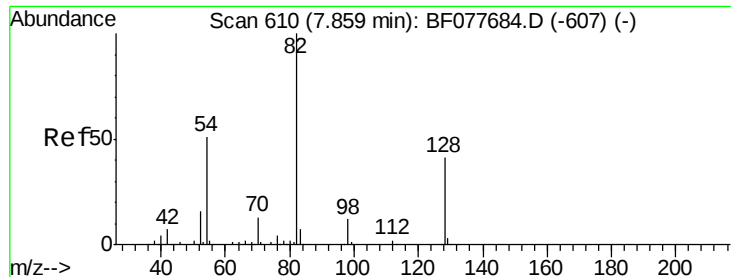
Delta R.T. -0.00 min

Lab File: BF077943.D

Acq: 25 Mar 2015 8:22

Tgt Ion:	136	Resp:	172598
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	7.6	4.6	6.8#
68	5.9	3.7	5.5#





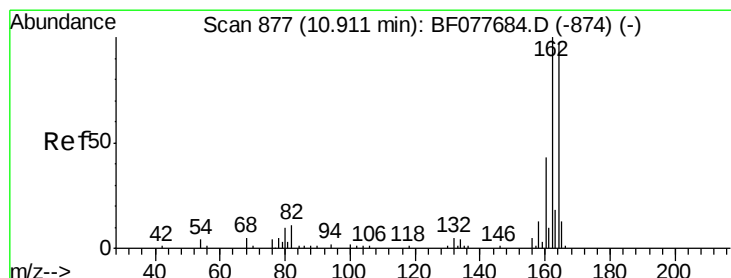
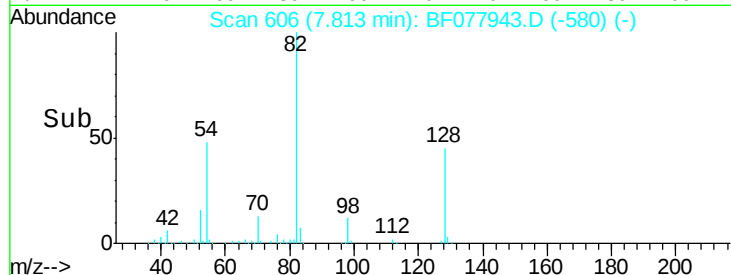
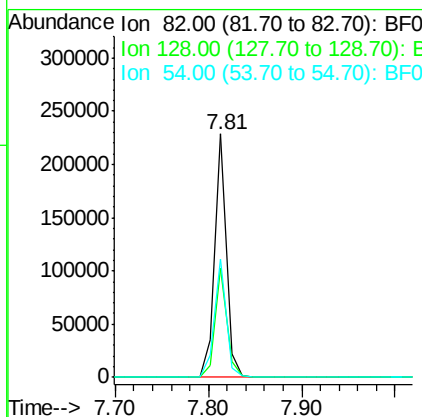
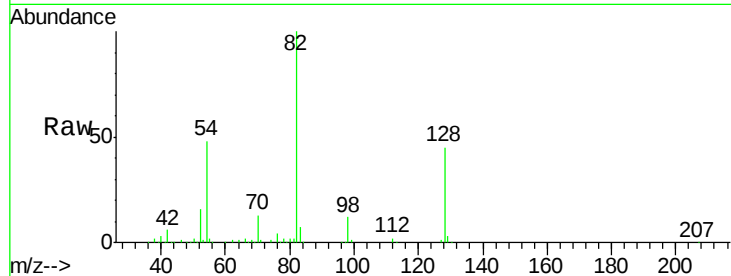
#23
 Nitrobenzene-d5
 Concen: 75.98 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077943.D
 Acq: 25 Mar 2015 8:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	200051		
128	45.1	32.8	49.2	
54	48.3	40.6	60.8	

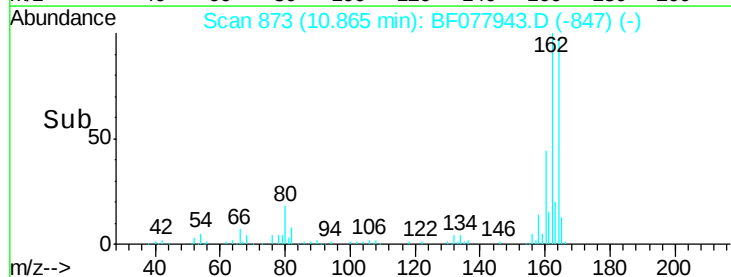
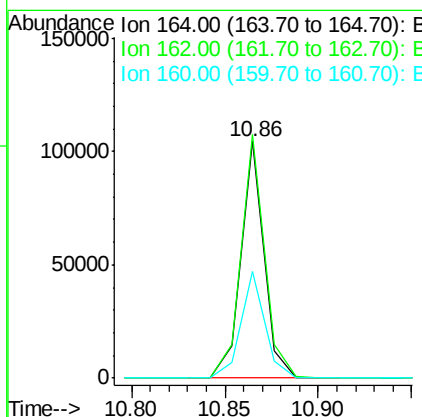
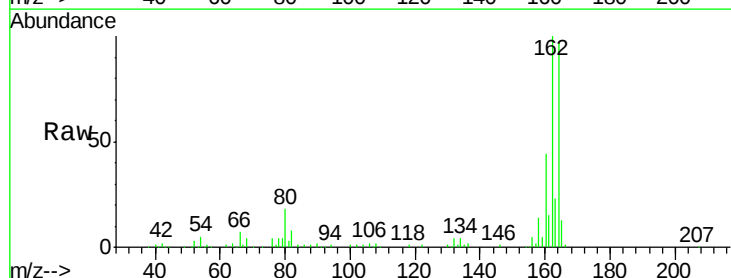
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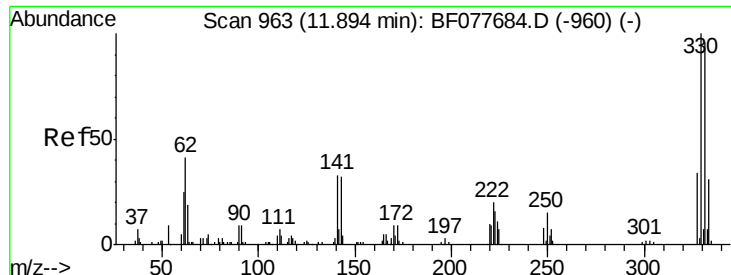
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF077943.D
 Acq: 25 Mar 2015 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89995		
162	102.8	82.4	123.6	
160	44.9	35.8	53.6	





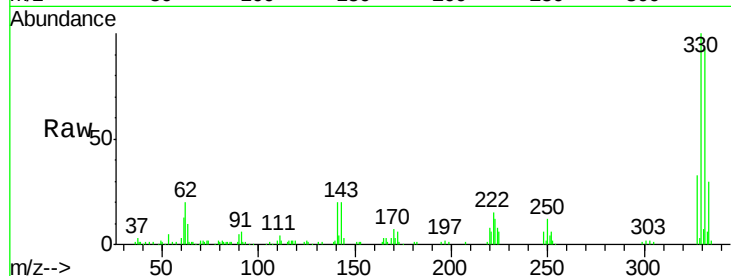
#41
 2,4,6-Tribromophenol
 Concen: 92.43 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF077943.D
 Acq: 25 Mar 2015 8:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-22

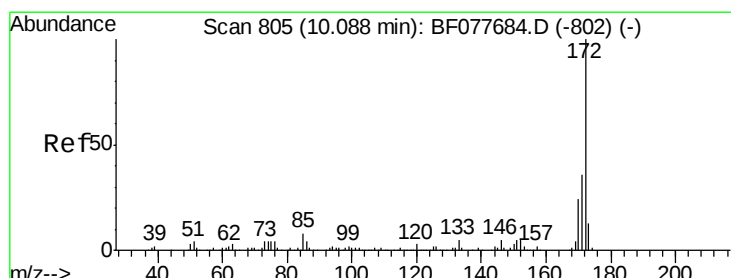
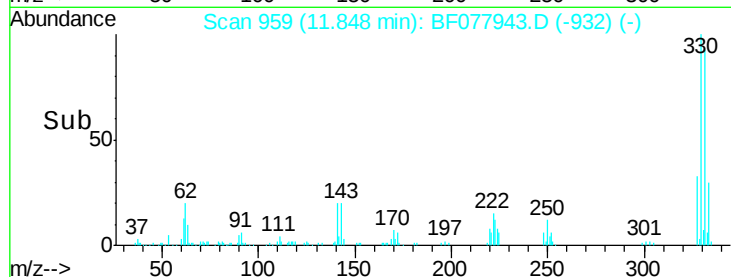
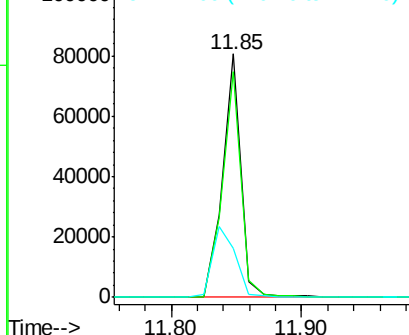
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.0	0.0	0.0#
141	36.5	0.0	0.0#

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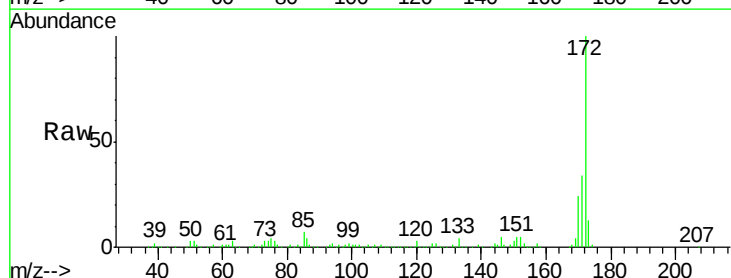


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

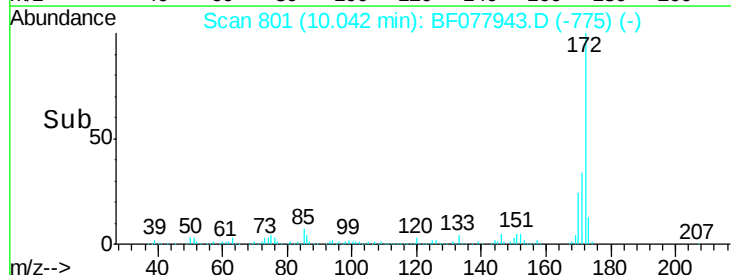
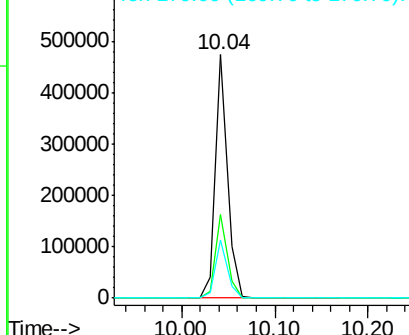


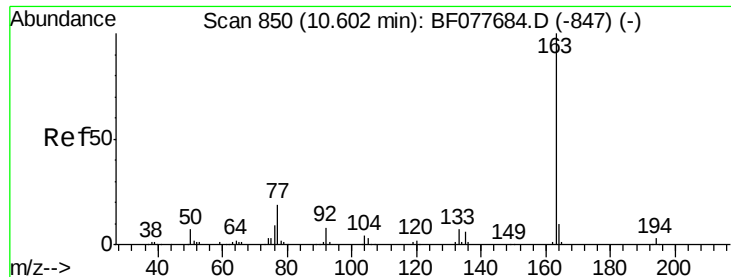
#44
 2-Fluorobiphenyl
 Concen: 69.70 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077943.D
 Acq: 25 Mar 2015 8:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.4	28.5	42.7
170	23.9	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





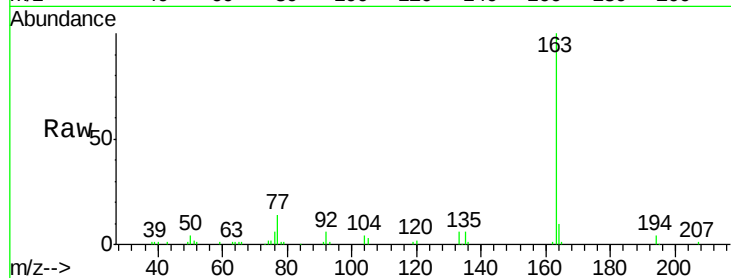
#49
Dimethylphthalate
Concen: 13.75 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF077943.D
Acq: 25 Mar 2015 8:22

Instrument :
BNA_F
ClientSampled :
SB-22

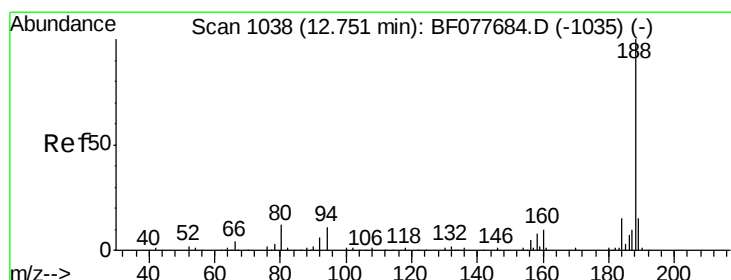
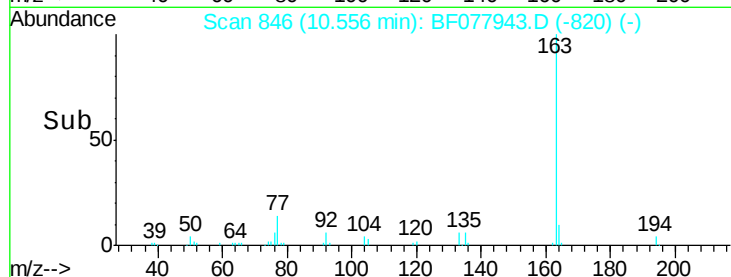
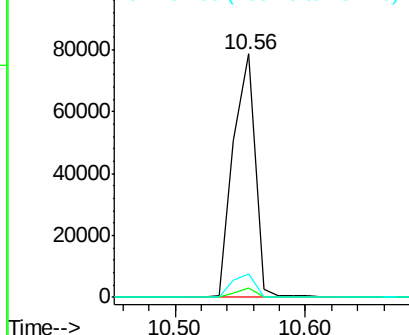
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	91746		
194	3.9	2.7	4.1	
164	9.8	8.2	12.2	

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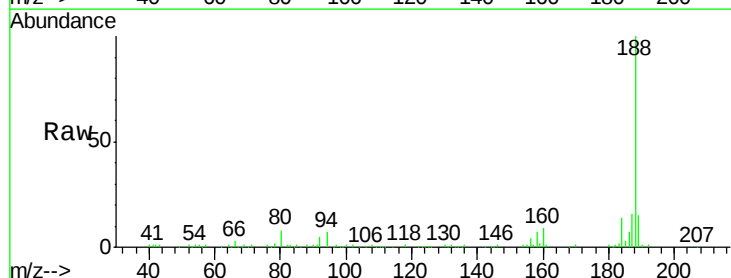


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

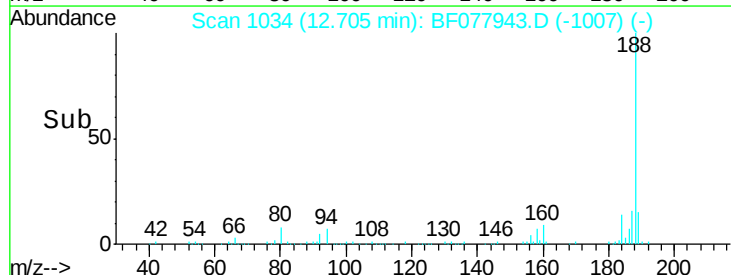
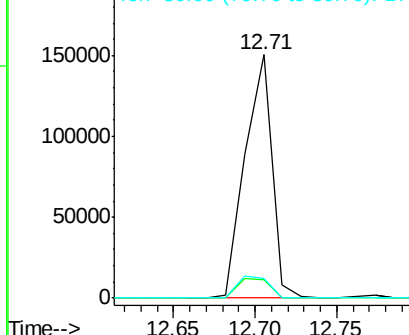


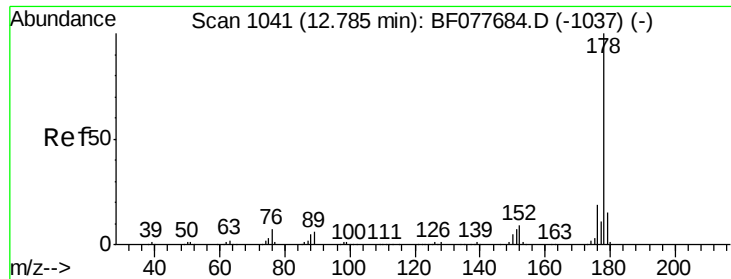
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077943.D
Acq: 25 Mar 2015 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	171418		
94	7.5	8.7	13.1#	
80	7.9	9.3	13.9#	



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





#70

Phenanthrene

Concen: 3.13 ng

RT: 12.73 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF077943.D

Acq: 25 Mar 2015 8:22

Instrument :

BNA_F

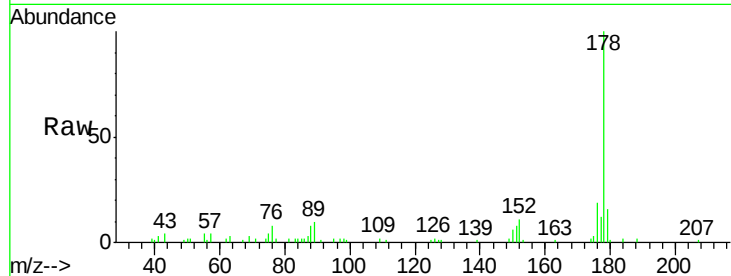
ClientSampleId :

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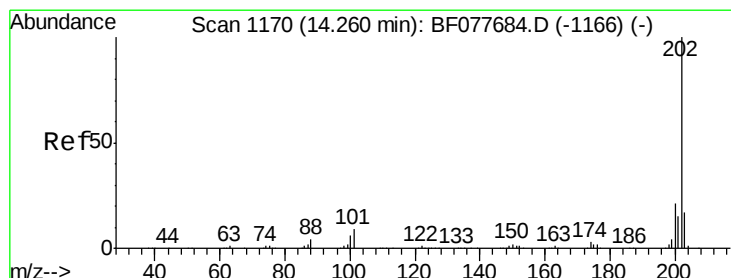
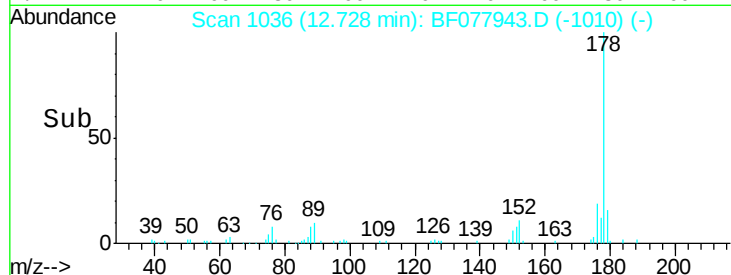
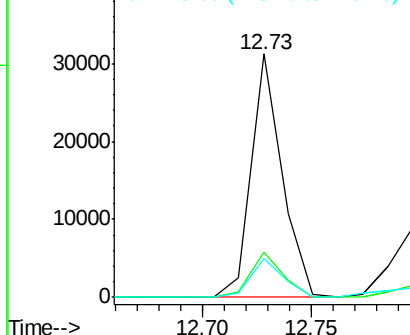
Tgt Ion:	178	Resp:	30777
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.2	22.8
179	15.7	12.1	18.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 5.11 ng

RT: 14.20 min Scan# 1165

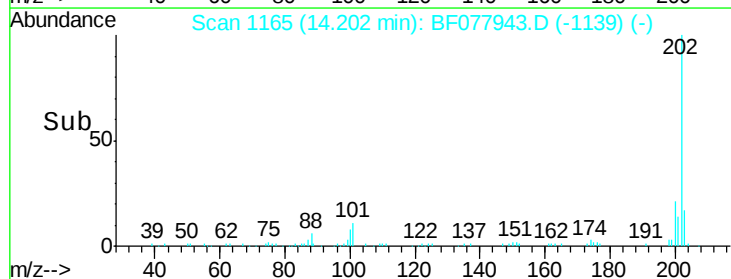
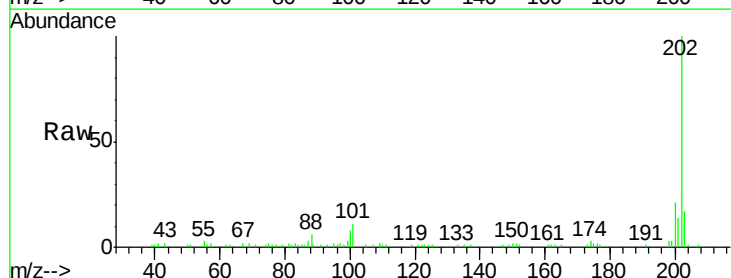
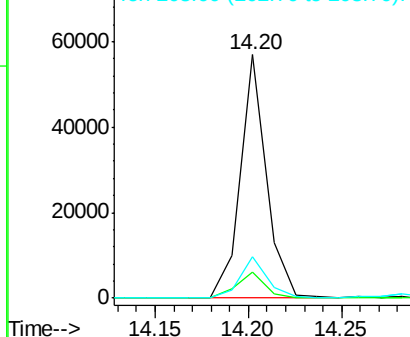
Delta R.T. -0.00 min

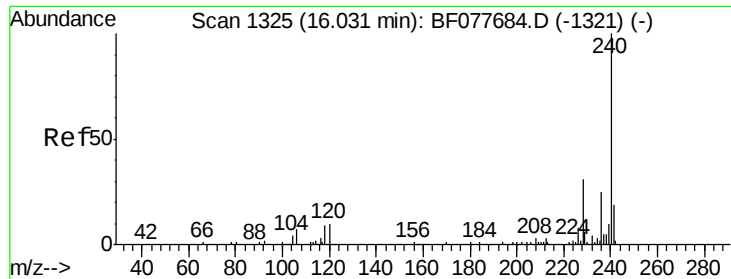
Lab File: BF077943.D

Acq: 25 Mar 2015 8:22

Tgt Ion:	202	Resp:	55443
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	28.7
203	16.8	0.0	37.2

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF077943.D

Acq: 25 Mar 2015 8:22

Instrument :

BNA_F

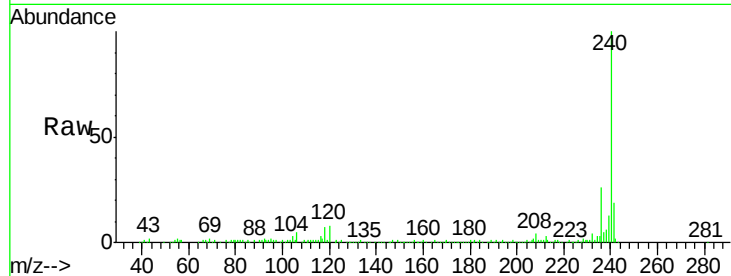
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		186159		
120	7.8	8.2	12.2#		
236	25.5	20.0	30.0		

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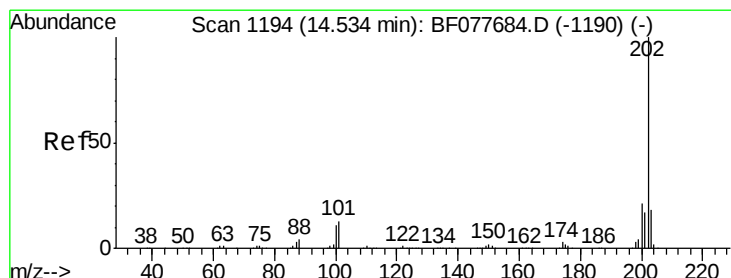
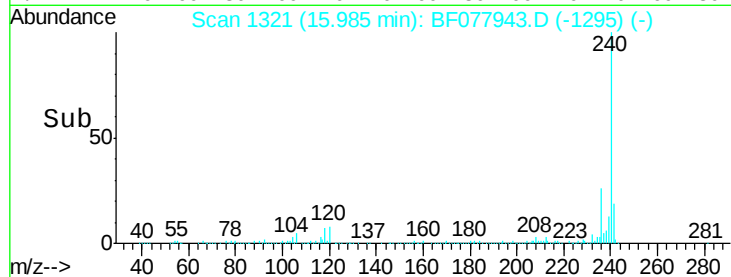
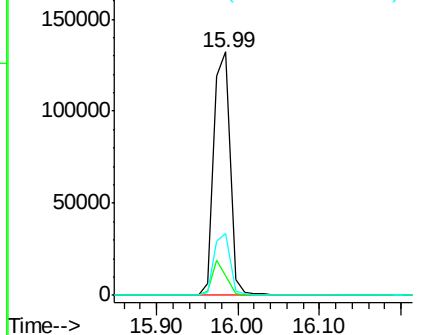
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.07 ng

RT: 14.48 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF077943.D

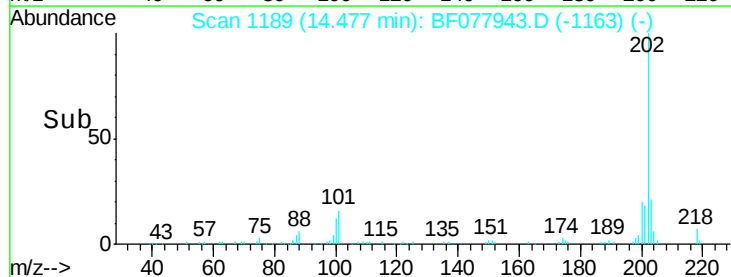
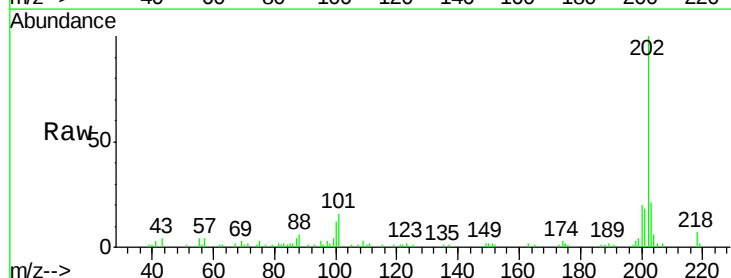
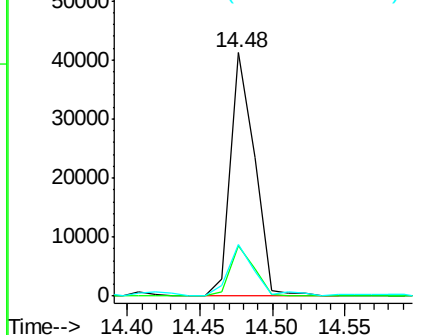
Acq: 25 Mar 2015 8:22

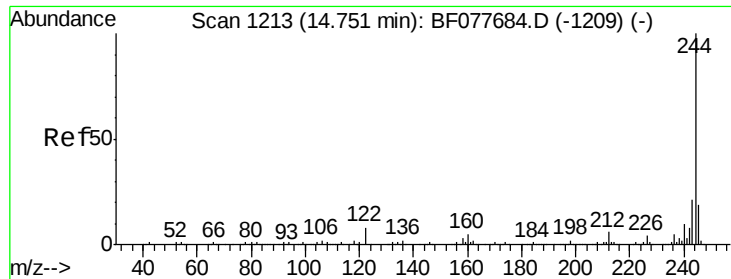
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		47609		
200	20.4	16.9	25.3		
203	21.1	14.1	21.1#		

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





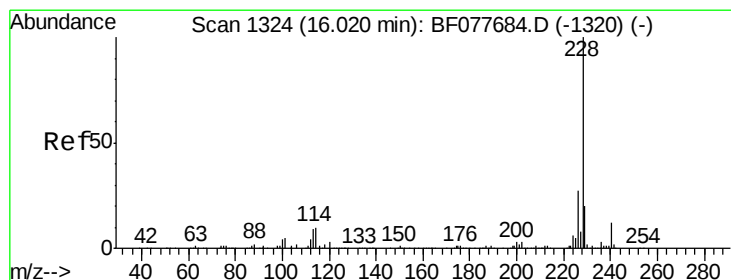
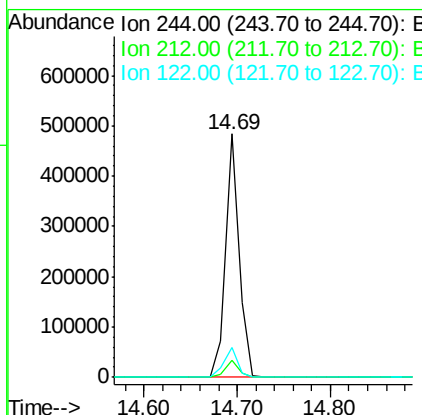
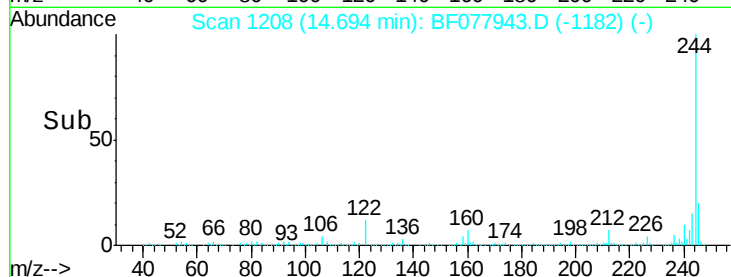
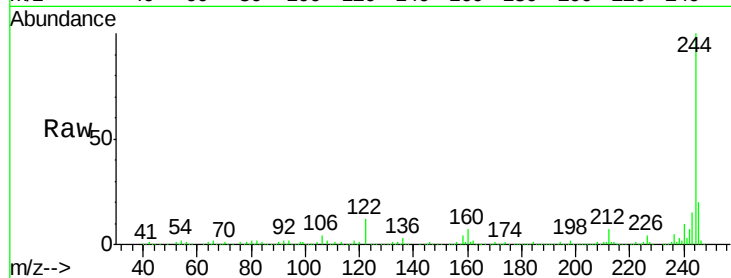
#78
 Terphenyl-d14
 Concen: 63.89 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077943.D
 Acq: 25 Mar 2015 8:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-22

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	4.9	7.3
122	12.2	6.2	9.4

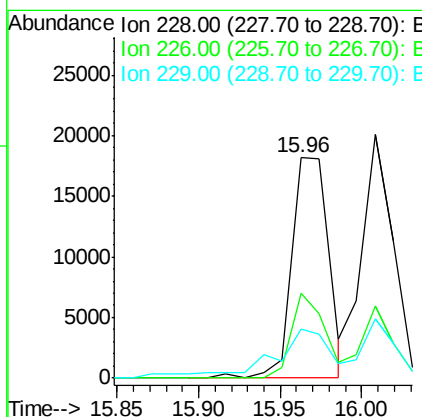
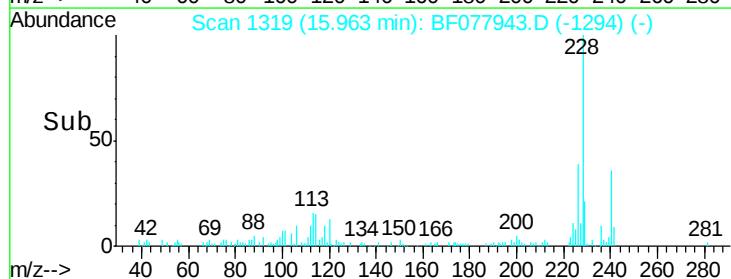
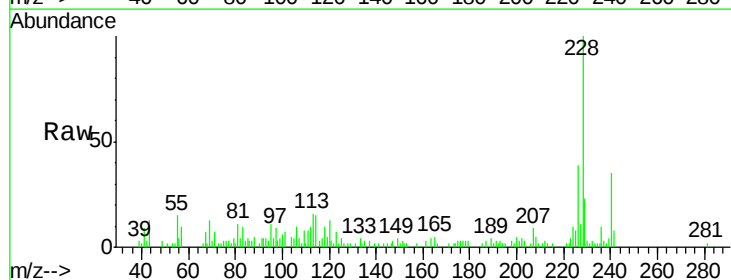
Manual Integrations
 APPROVED

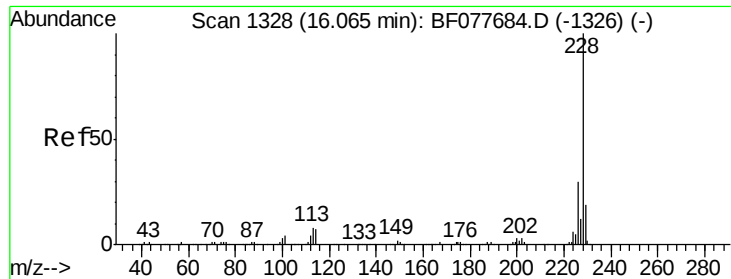
mohammad
 3/25/2015 5:01:36 PM



#80
 Benzo(a)anthracene
 Concen: 2.60 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF077943.D
 Acq: 25 Mar 2015 8:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	38.5	21.7	32.5
229	22.5	16.0	24.0





#82

Chrysene

Concen: 2.74 ng

RT: 16.01 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF077943.D

Acq: 25 Mar 2015 8:22

Instrument :

BNA_F

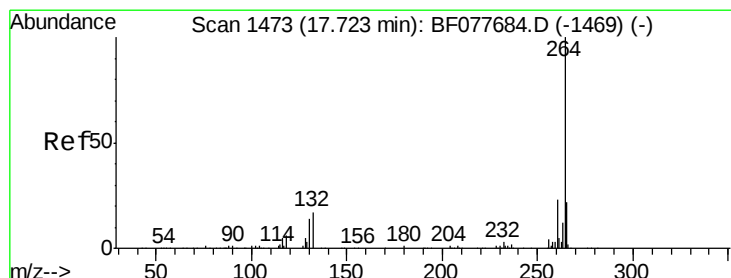
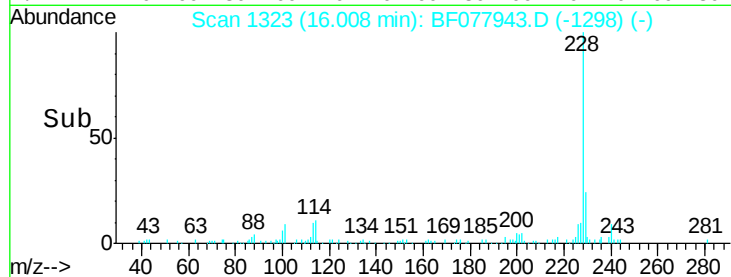
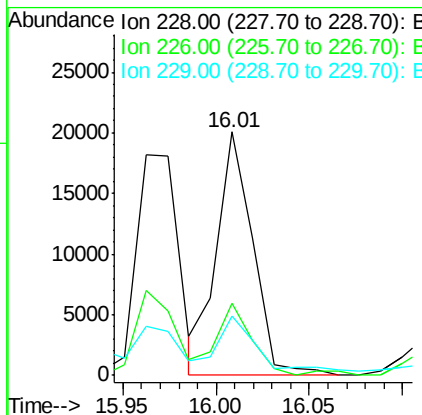
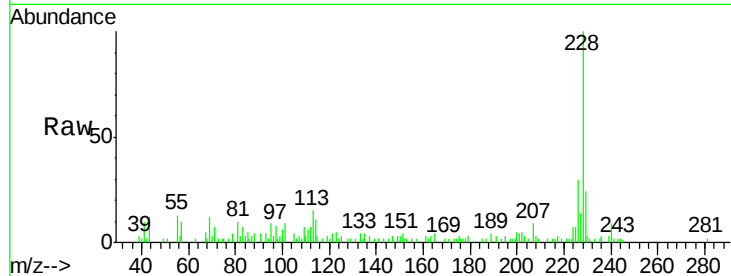
ClientSampleId :

SB-22

Tgt Ion:	228	Resp:	27206
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.1	36.1
229	24.4	15.5	23.3#

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

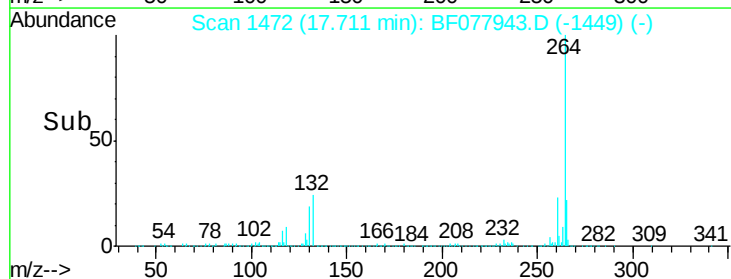
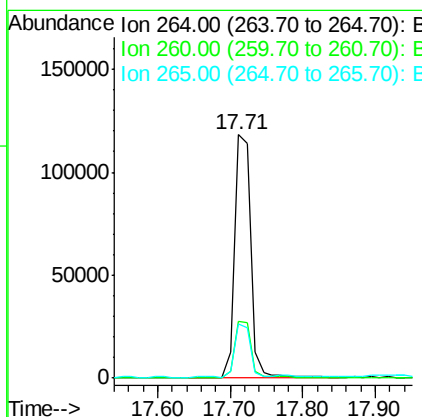
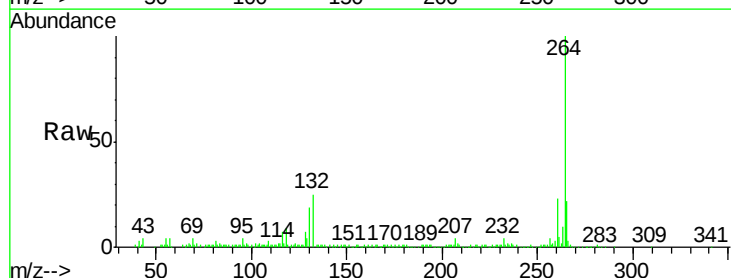
RT: 17.71 min Scan# 1472

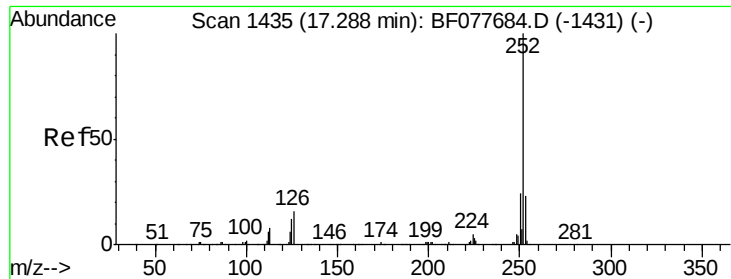
Delta R.T. -0.03 min

Lab File: BF077943.D

Acq: 25 Mar 2015 8:22

Tgt Ion:	264	Resp:	184177
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.6	27.8
265	22.3	17.3	25.9





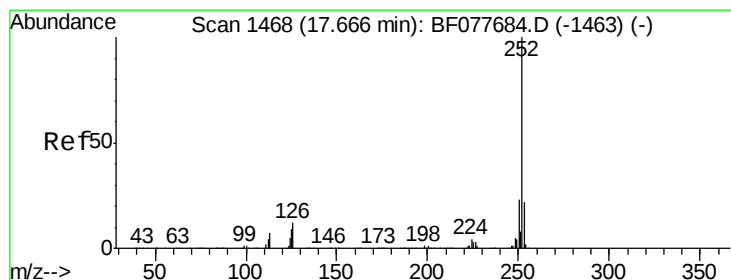
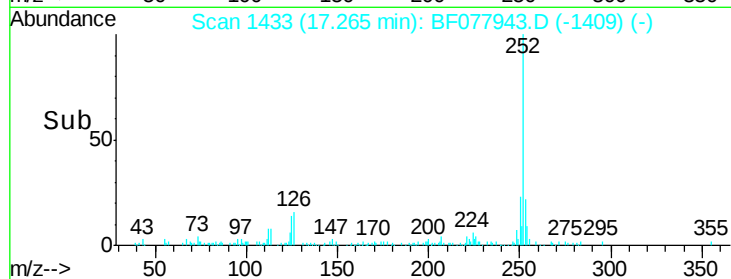
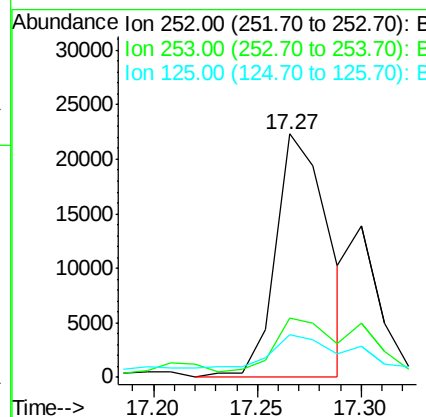
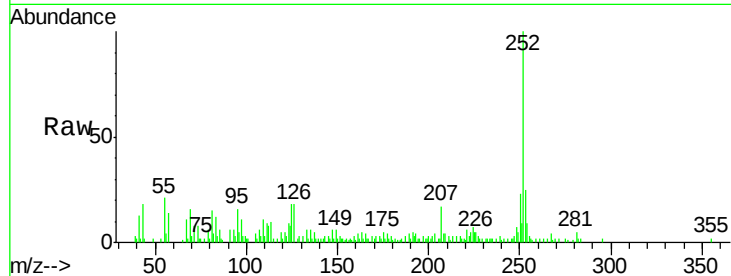
#87
Benzo(b)fluoranthene
Concen: 3.25 ng m
RT: 17.27 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF077943.D
Acq: 25 Mar 2015 8:22

Instrument :
BNA_F
ClientSampleId :
SB-22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	17.6	9.9	14.9#

Manual Integrations
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mohammad
3/25/2015 5:01:36 PM



#89
Benzo(a)pyrene
Concen: 2.92 ng
RT: 17.65 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BF077943.D
Acq: 25 Mar 2015 8:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.6	26.4#
125	15.6	7.4	11.2#

