

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077603.D
 Acq On : 5 Mar 2015 4:01
 Operator : TP/IZ
 Sample : G1424-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB8

Manual Integrations
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Quant Time: Mar 05 05:47:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	59938	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	236780	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	115704	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	228186	20.00	ng	0.00
75) Chrysene-d12	16.10	240	263948	20.00	ng	-0.01
86) Perylene-d12	17.79	264	271916	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	346302	96.45	ng	0.00
7) Phenol-d6	6.79	99	437774	94.83	ng	0.00
23) Nitrobenzene-d5	7.91	82	263838	69.29	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	106737	95.81	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	496416	66.90	ng	0.00
78) Terphenyl-d14	14.81	244	535353	47.42	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	10.80	152	27338	2.51	ng	98
49) Dimethylphthalate	10.65	163	39560	4.86	ng	98
70) Phenanthrene	12.84	178	268601	20.31	ng	100
71) Anthracene	12.90	178	62314	4.75	ng	100
74) Fluoranthene	14.32	202	566795	39.23	ng	100
77) Pyrene	14.60	202	524451	32.48	ng	99
80) Benzo(a)anthracene	16.08	228	359847	23.26	ng	99
82) Chrysene	16.12	228	330767	22.77	ng	97
85) Indeno(1,2,3-cd)pyrene	19.21	276	330257m	19.94	ng	
87) Benzo(b)fluoranthene	17.36	252	573818m	36.29	ng	
88) Benzo(k)fluoranthene	17.38	252	206137m	13.30	ng	
89) Benzo(a)pyrene	17.72	252	405698	26.94	ng	97
90) Dibenzo(a,h)anthracene	19.22	278	72389	5.04	ng	# 92
91) Benzo(g,h,i)perylene	19.63	276	329939	22.76	ng	94

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

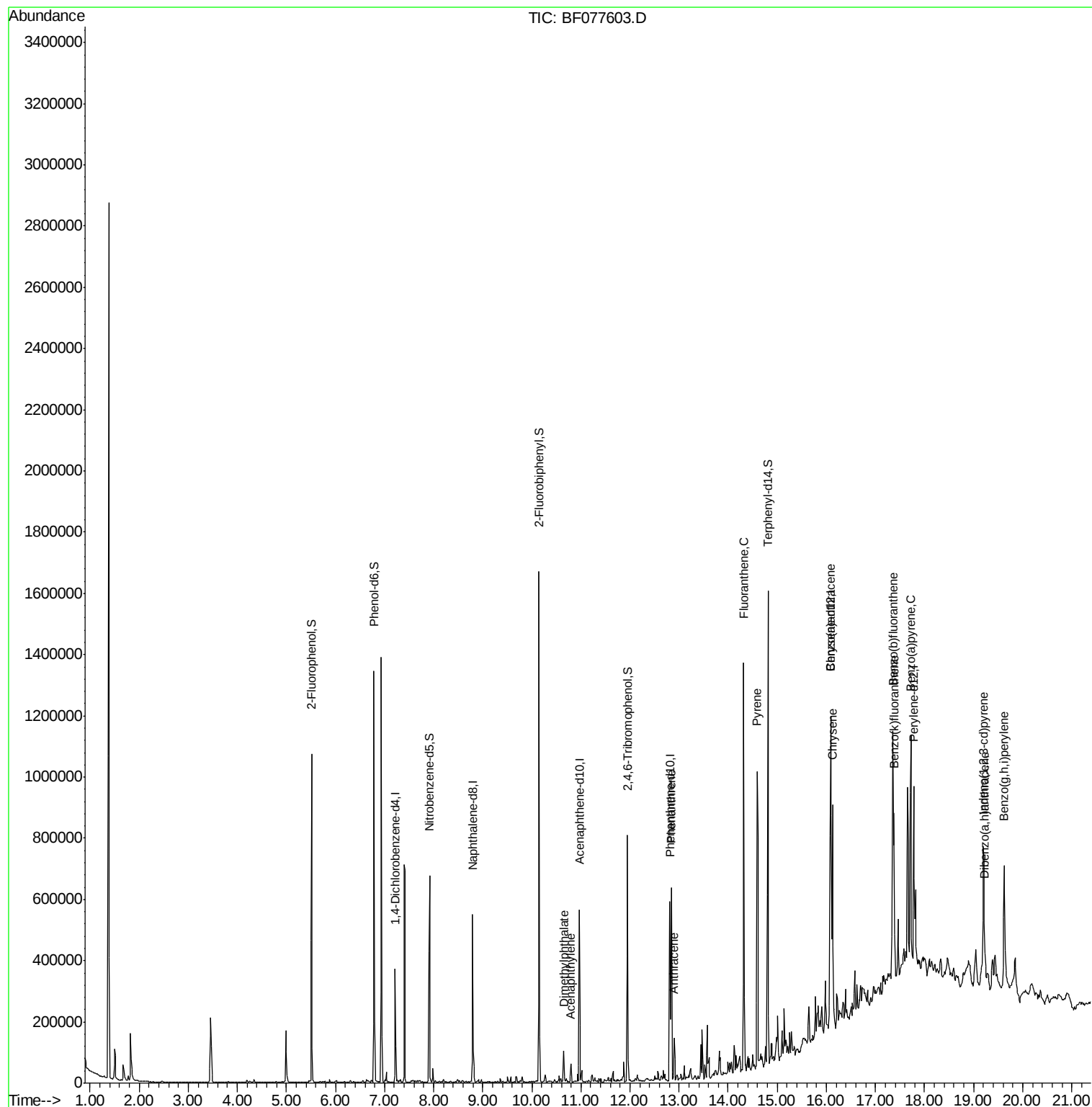
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077603.D
Acq On : 5 Mar 2015 4:01
Operator : TP/IZ
Sample : G1424-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

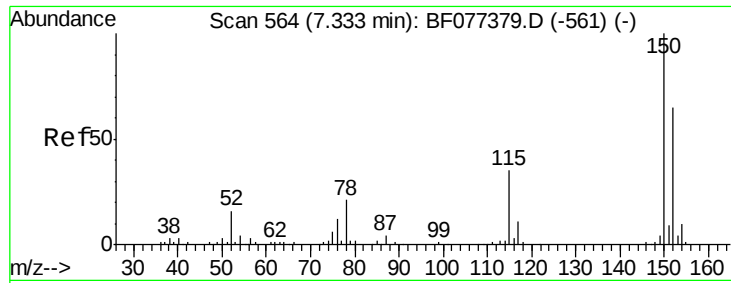
Instrument :
BNA_F
ClientSampled :
SB8

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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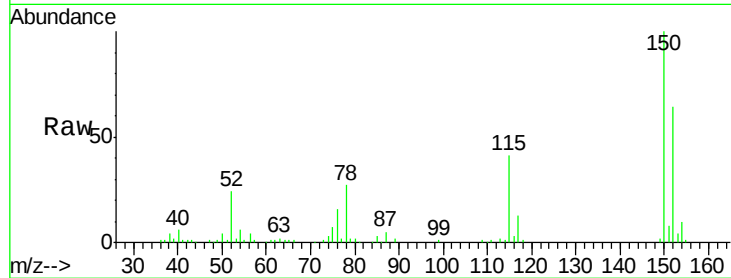




#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077603.D
 Acq: 5 Mar 2015 4:01

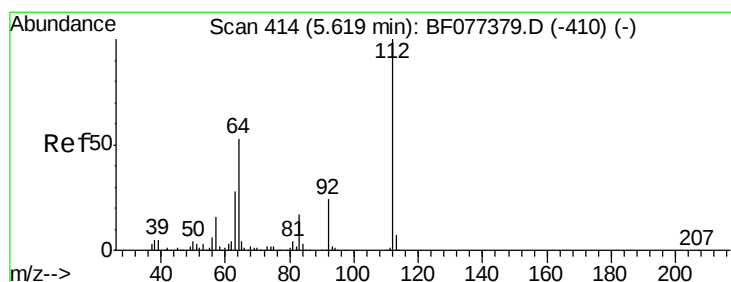
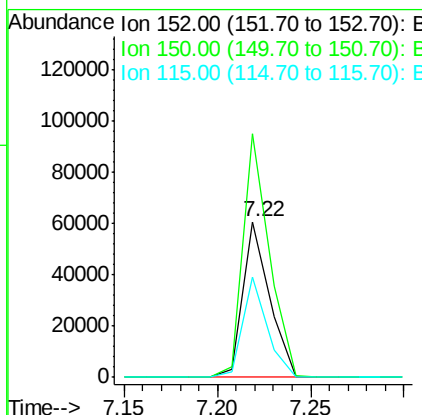
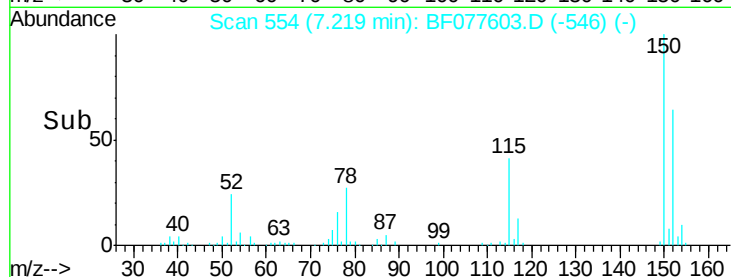
Instrument :
 BNA_F
 ClientSampleId :
 SB8



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.0	186.0
115	64.8	49.4	74.2

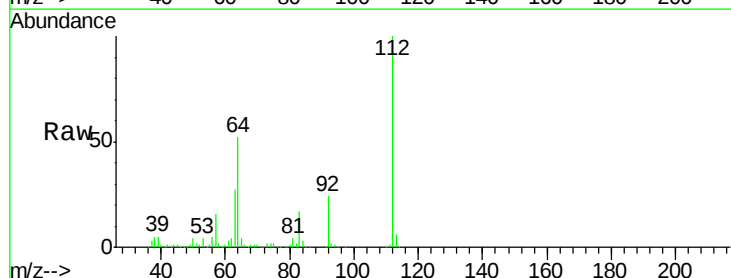
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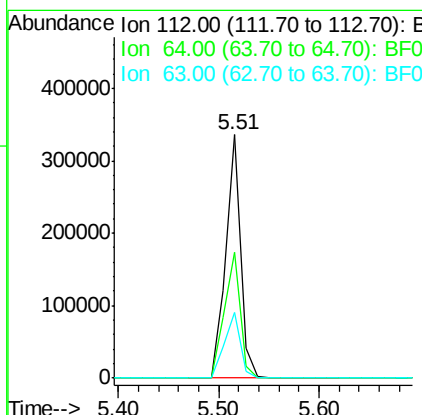
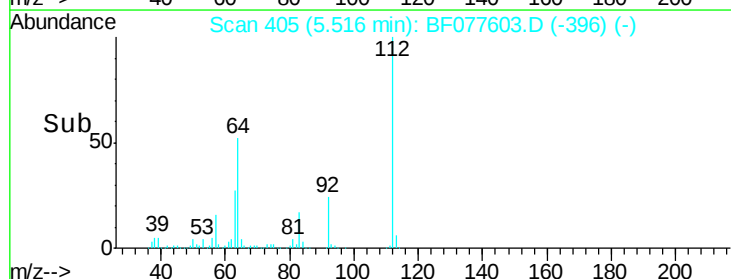


#5

2-Fluorophenol
 Concen: 96.45 ng
 RT: 5.51 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF077603.D
 Acq: 5 Mar 2015 4:01



Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	48.5	72.7
63	27.1	25.0	37.4





#7

Phenol-d6

Concen: 94.83 ng

RT: 6.79 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Instrument :

BNA_F

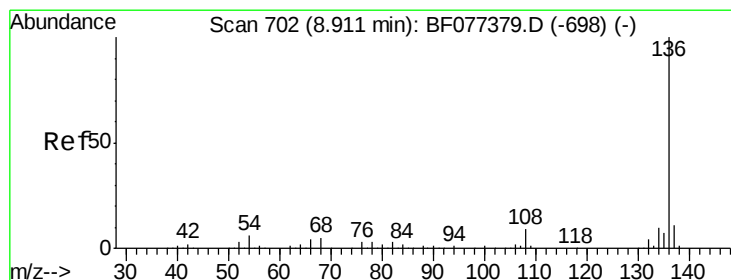
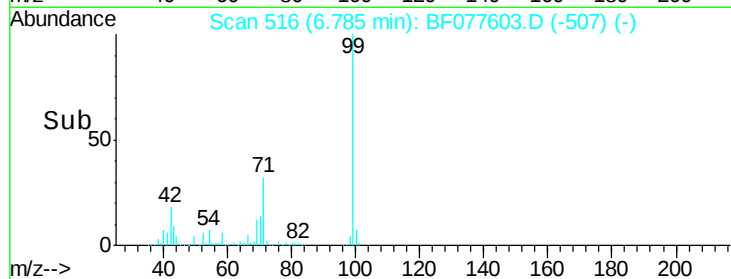
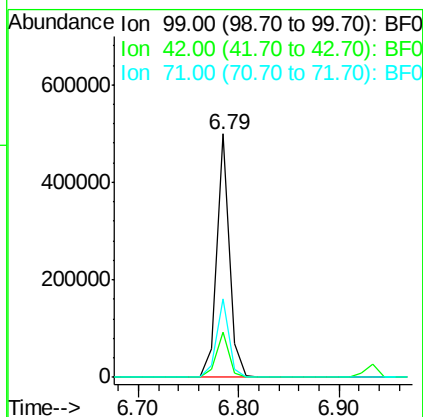
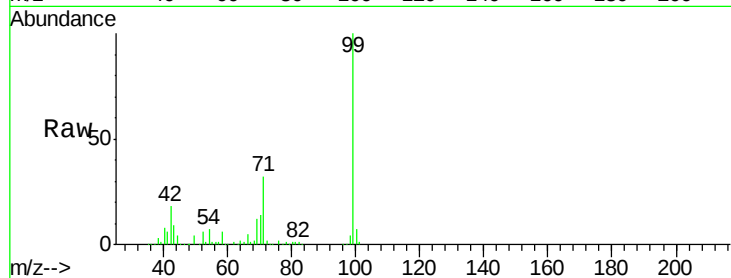
ClientSampleId :

SB8

Tgt Ion:	99	Resp:	437774
Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.2	24.4
71	32.1	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

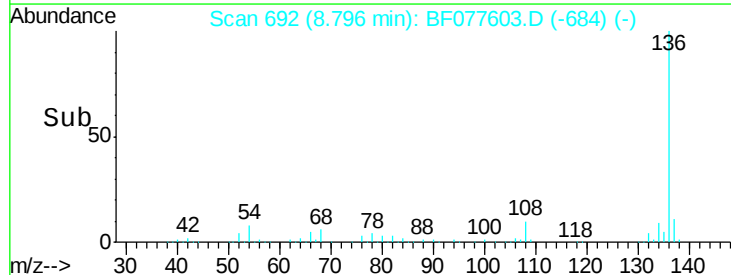
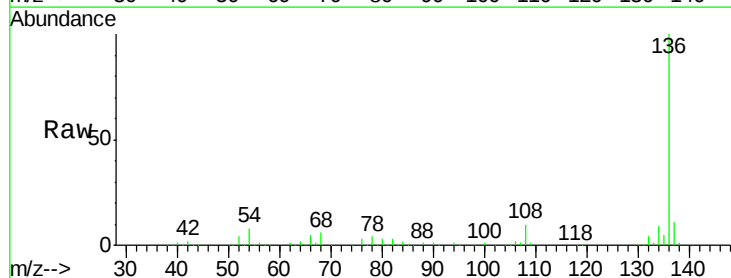
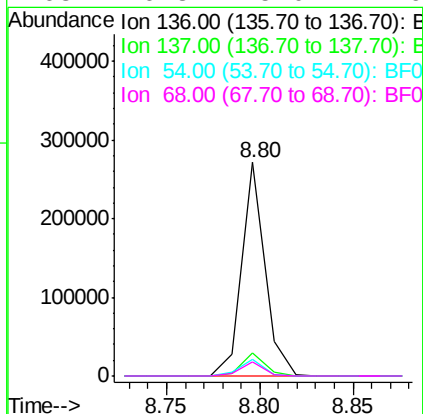
RT: 8.80 min Scan# 692

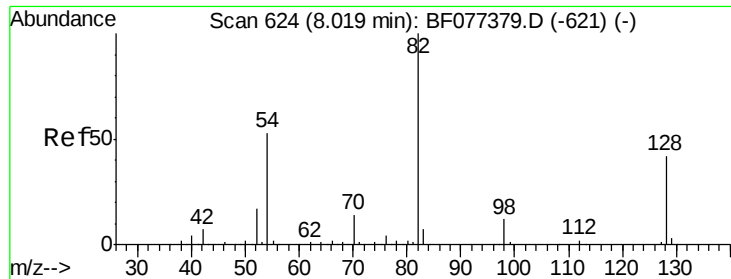
Delta R.T. -0.00 min

Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Tgt Ion:	136	Resp:	236780
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.6	6.2	9.4
68	6.3	5.0	7.6





#23

Nitrobenzene-d5

Concen: 69.29 ng

RT: 7.91 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Instrument :

BNA_F

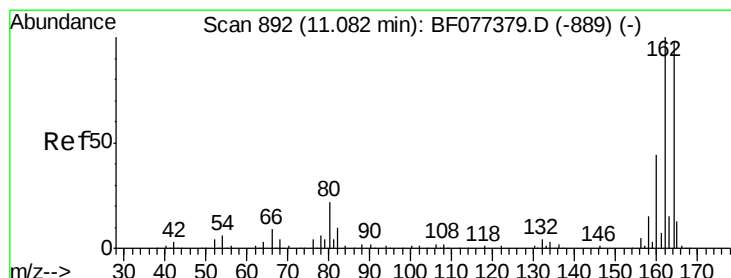
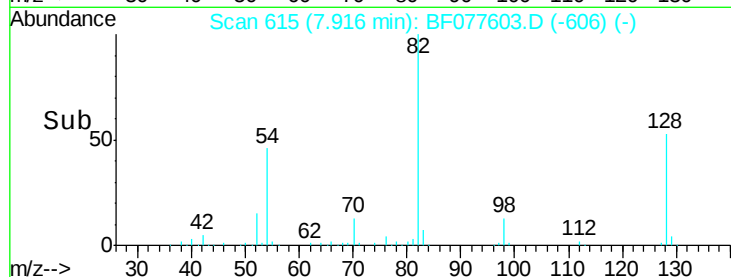
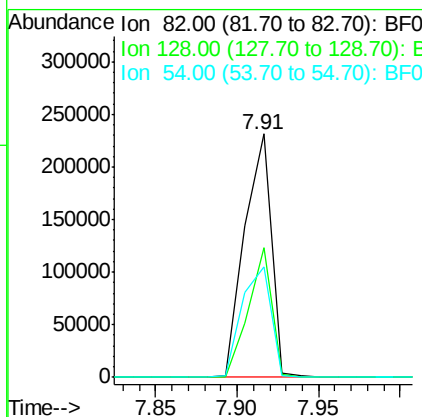
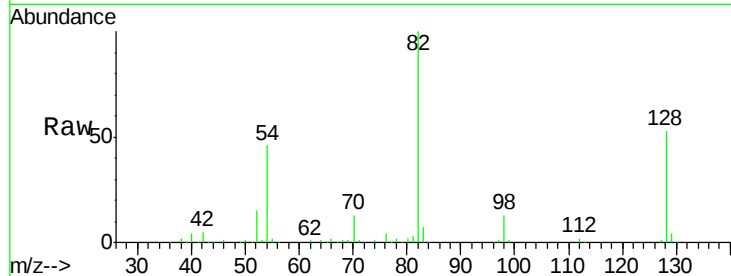
ClientSampleId :

SB8

Tgt Ion:	82	Resp:	263838
Ion Ratio	Lower	Upper	
82	100		
128	53.3	43.8	65.8
54	45.5	36.7	55.1

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#38

Acenaphthene-d10

Concen: 20.00 ng

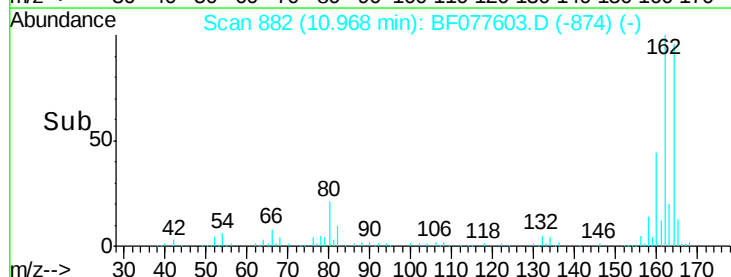
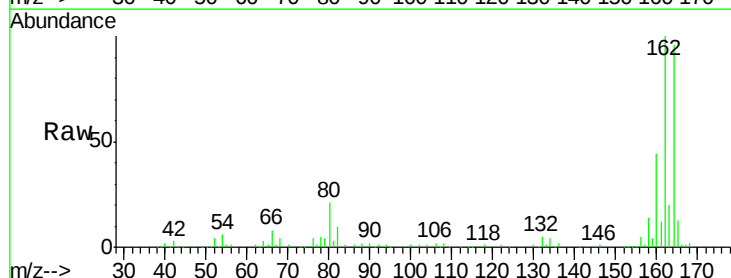
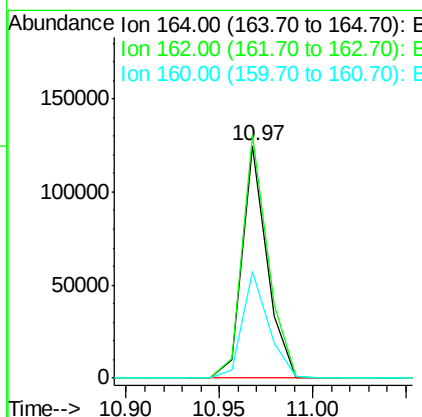
RT: 10.97 min Scan# 882

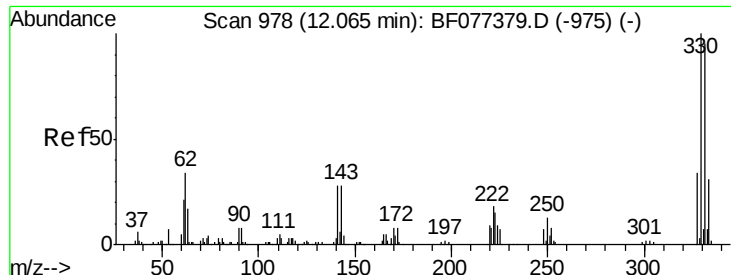
Delta R.T. -0.01 min

Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Tgt Ion:	164	Resp:	115704
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.2	124.8
160	45.6	34.6	52.0





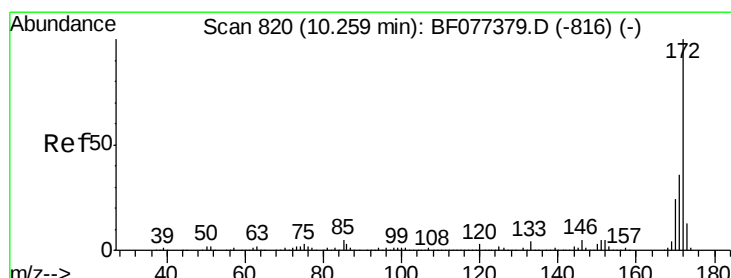
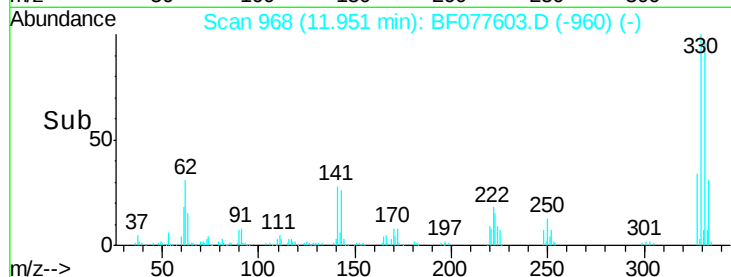
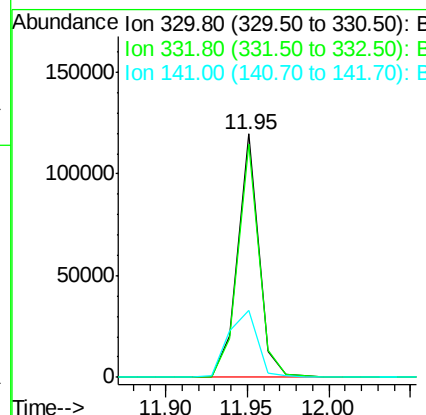
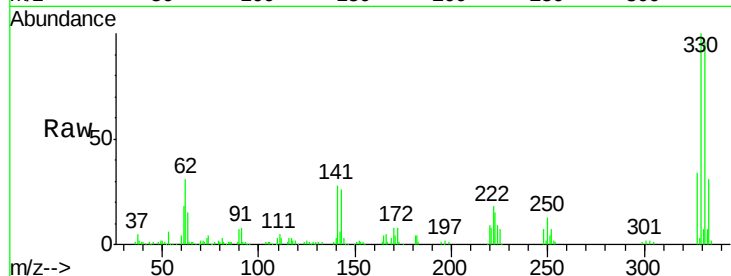
#41
 2,4,6-Tribromophenol
 Concen: 95.81 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077603.D
 Acq: 5 Mar 2015 4:01

Instrument :
 BNA_F
 ClientSampleId :
 SB8

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	106737		
332	96.4	77.4	116.2	
141	38.6	28.8	43.2	

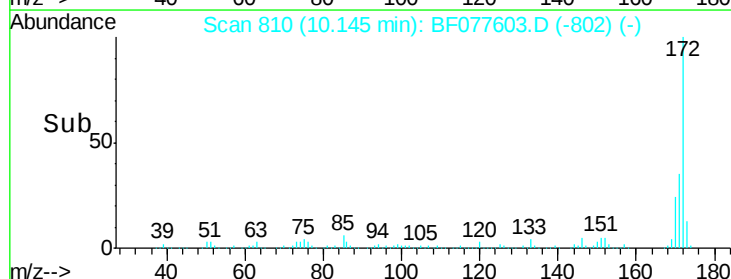
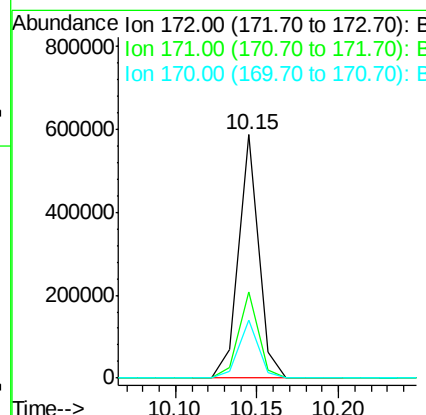
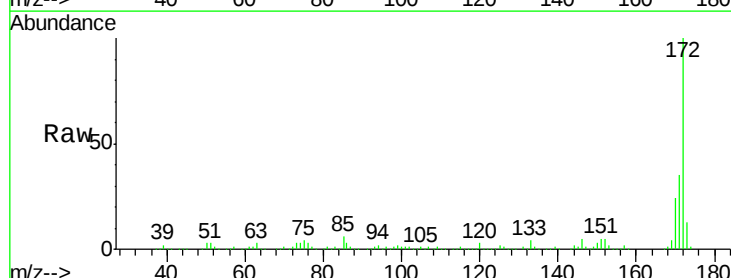
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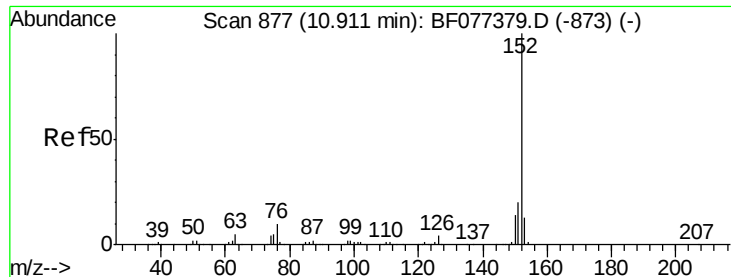
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#44
 2-Fluorobiphenyl
 Concen: 66.90 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077603.D
 Acq: 5 Mar 2015 4:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	496416		
171	35.2	28.9	43.3	
170	24.1	19.4	29.2	





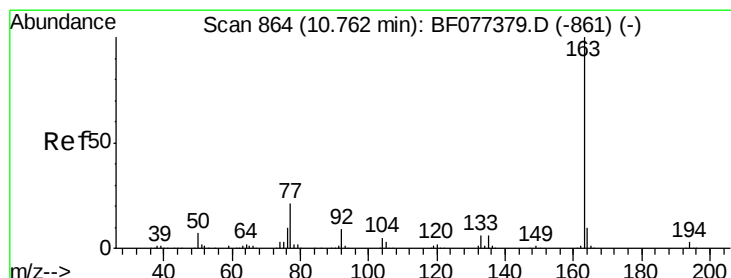
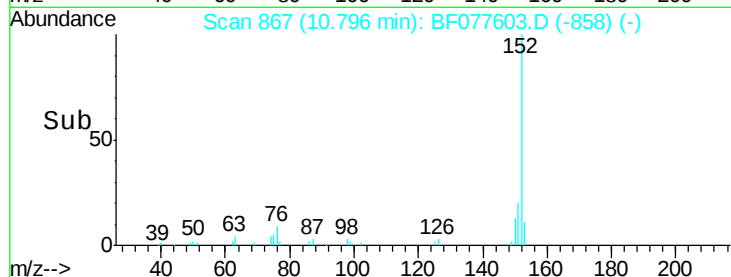
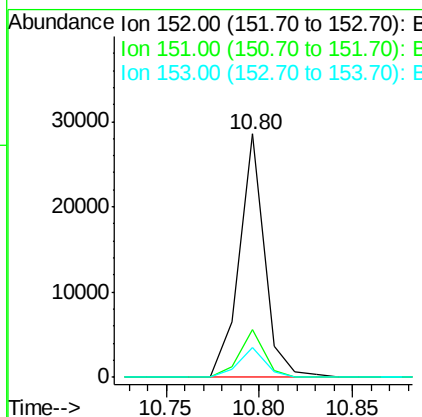
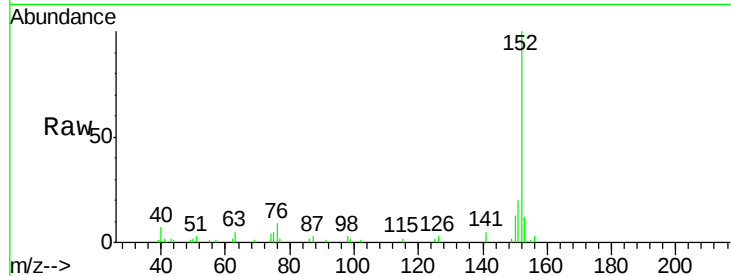
#48
Acenaphthylene
Concen: 2.51 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077603.D
Acq: 5 Mar 2015 4:01

Instrument :
BNA_F
ClientSampleId :
SB8

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.5	16.1	24.1
153	12.1	10.9	16.3

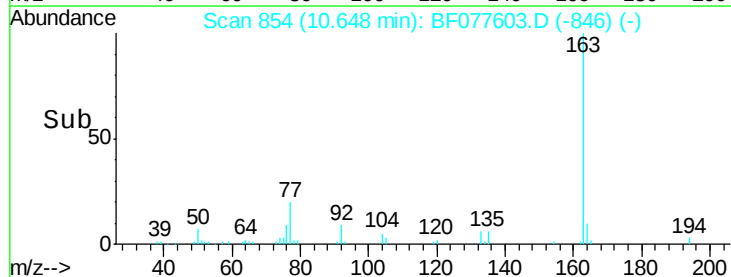
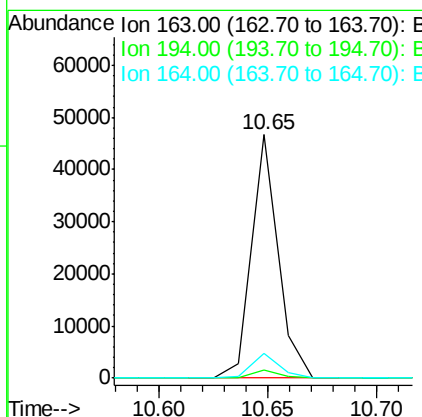
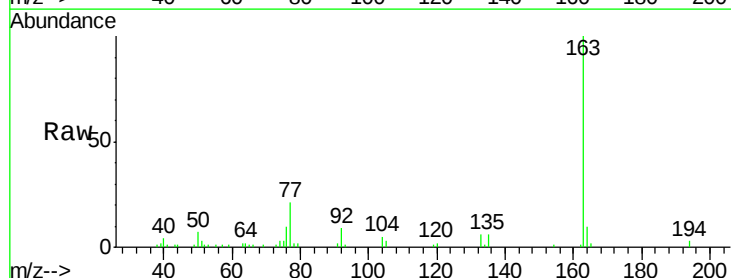
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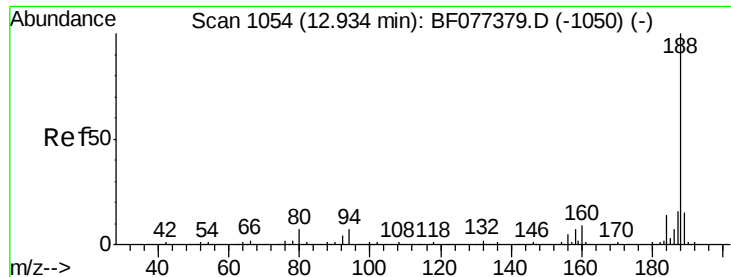
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#49
Dimethylphthalate
Concen: 4.86 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077603.D
Acq: 5 Mar 2015 4:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.6	13.0





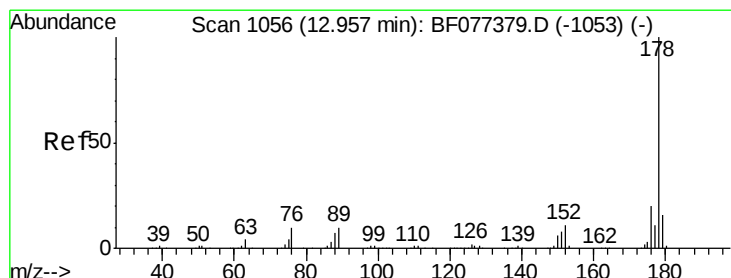
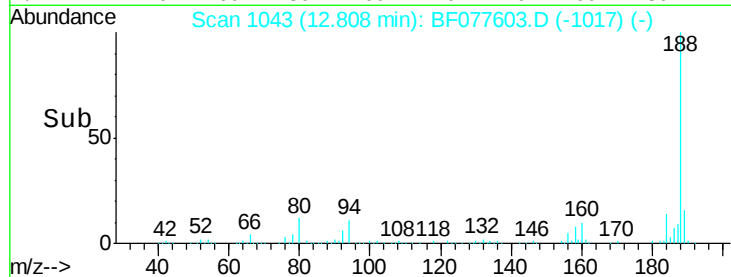
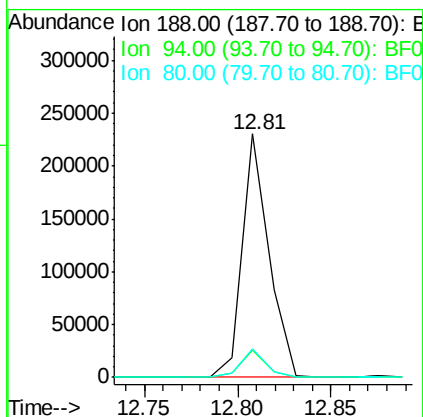
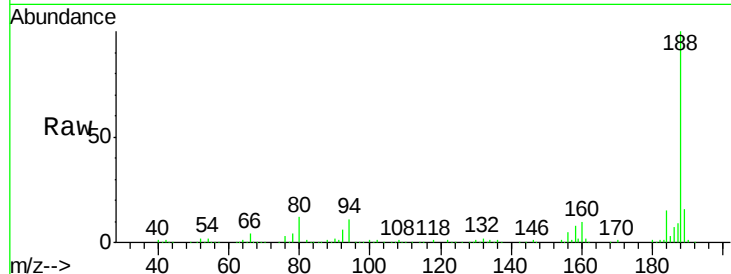
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077603.D
Acq: 5 Mar 2015 4:01

Instrument :
BNA_F
ClientSampleId :
SB8

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	7.4	11.2#
80	11.8	8.0	12.0

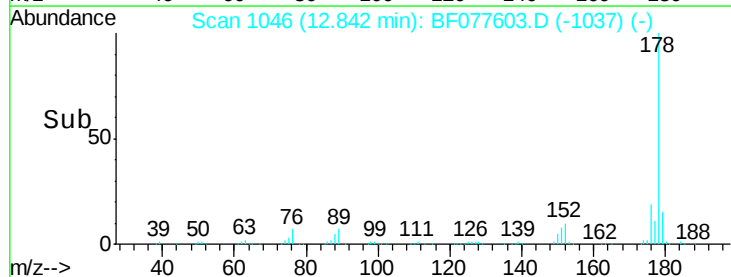
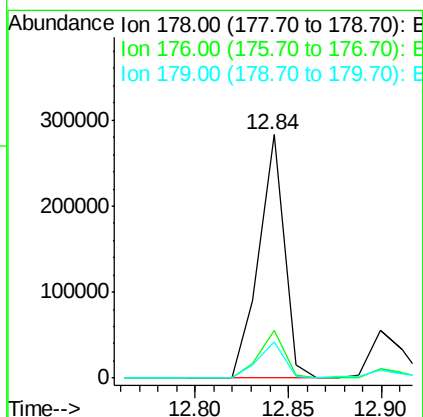
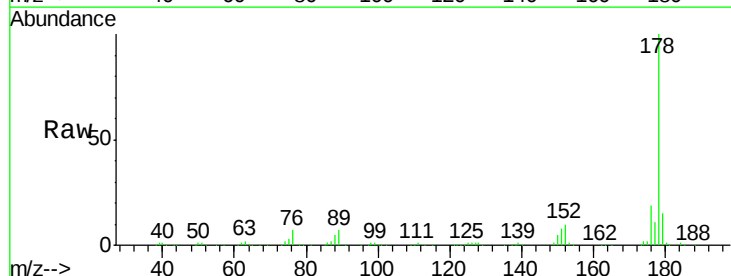
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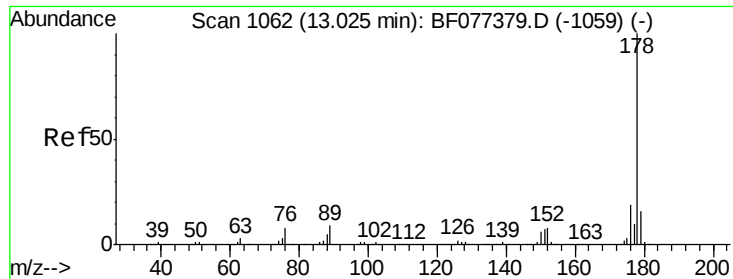
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#70
Phenanthrene
Concen: 20.31 ng
RT: 12.84 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF077603.D
Acq: 5 Mar 2015 4:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.4	15.5	23.3
179	14.8	12.2	18.2





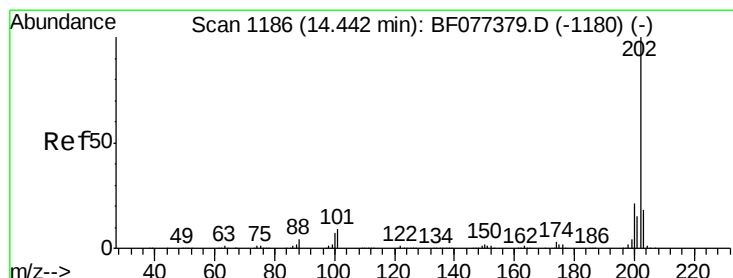
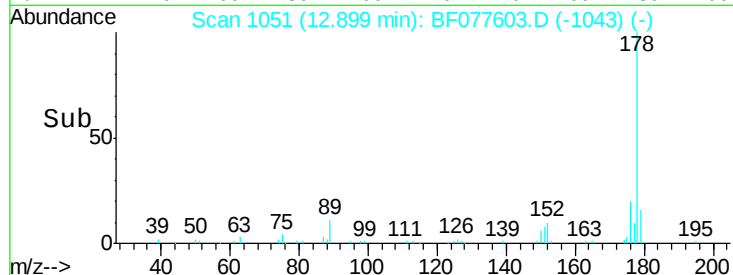
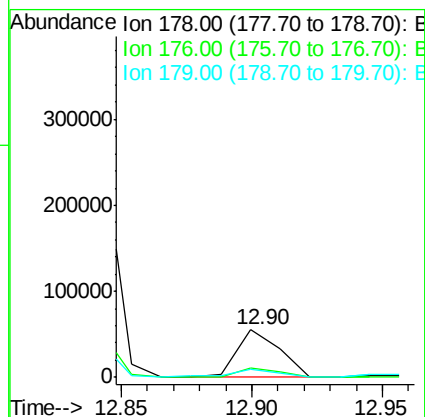
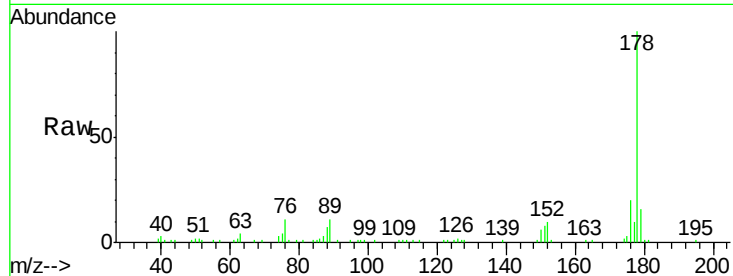
#71
 Anthracene
 Concen: 4.75 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF077603.D
 Acq: 5 Mar 2015 4:01

Instrument :
 BNA_F
 ClientSampleId :
 SB8

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.2	12.9	19.3

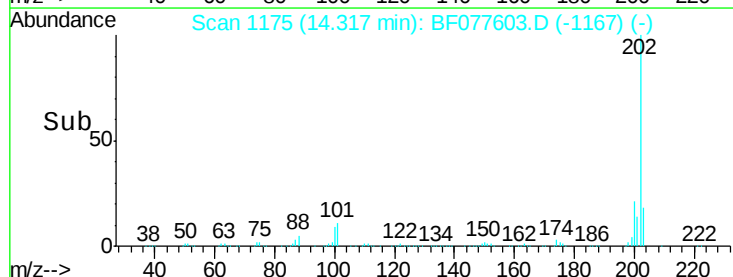
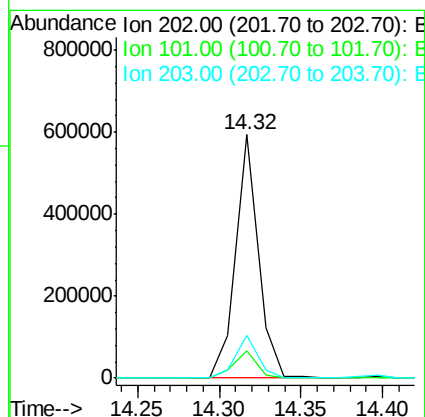
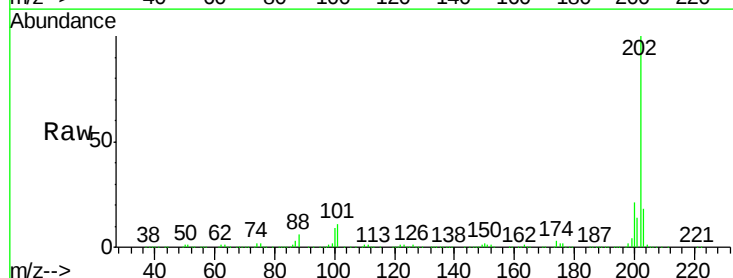
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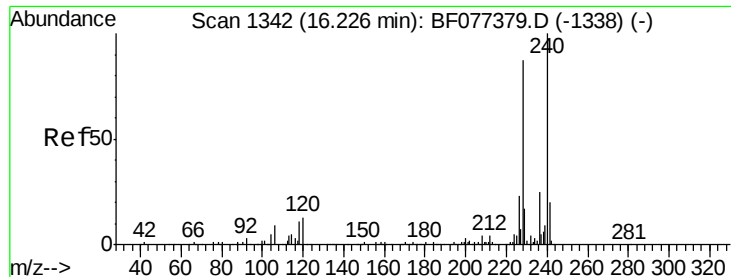
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#74
 Fluoranthene
 Concen: 39.23 ng
 RT: 14.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF077603.D
 Acq: 5 Mar 2015 4:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.8
203	17.7	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.10 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Instrument :

BNA_F

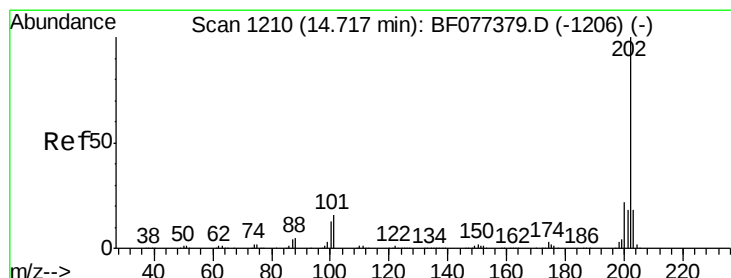
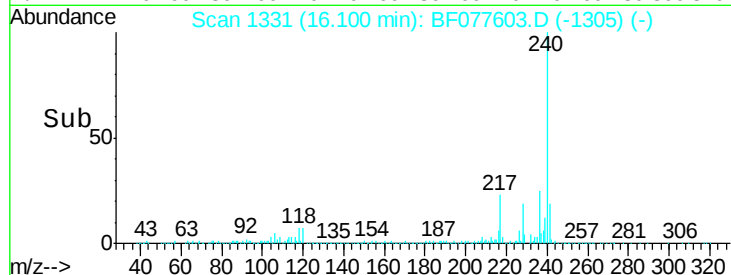
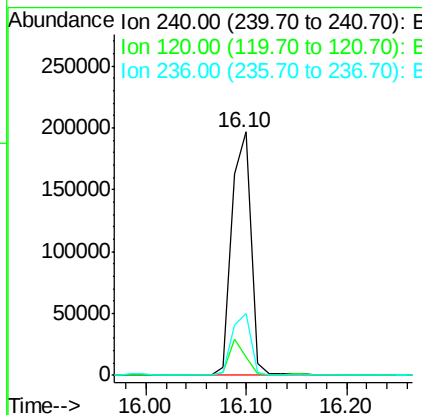
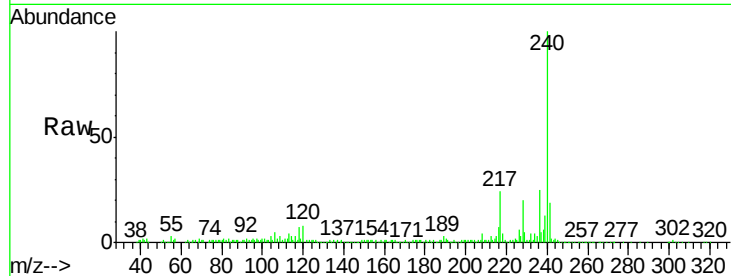
ClientSampleId :

SB8

Tgt Ion:	240	Resp:	263948
Ion Ratio	Lower	Upper	
240	100		
120	7.7	8.8	13.2#
236	25.2	20.7	31.1

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#77

Pyrene

Concen: 32.48 ng

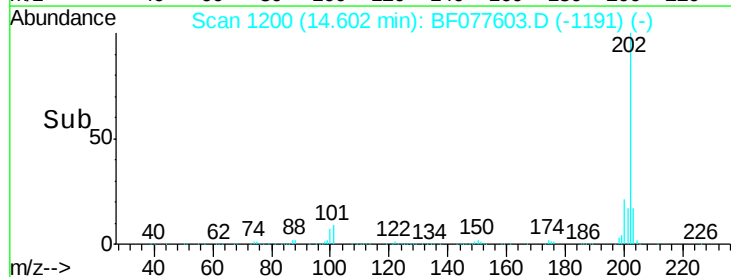
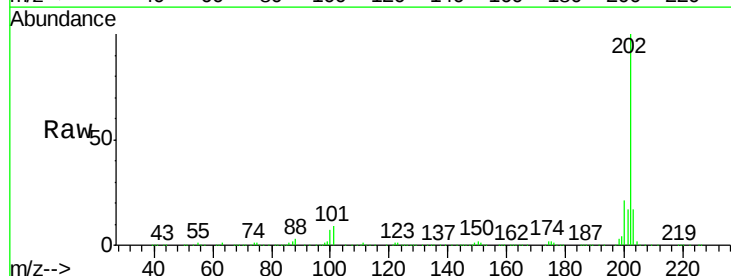
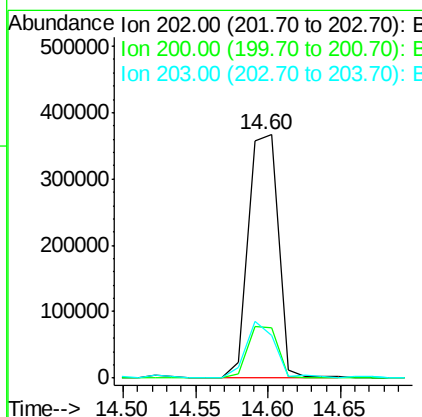
RT: 14.60 min Scan# 1200

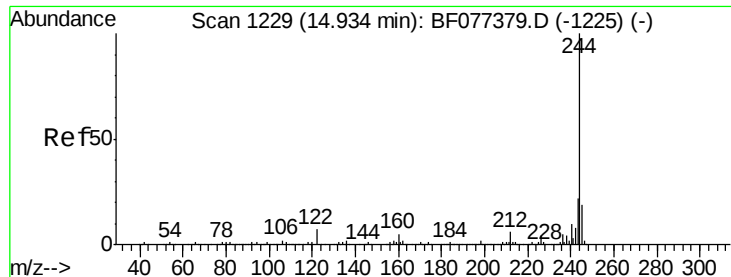
Delta R.T. -0.00 min

Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Tgt Ion:	202	Resp:	524451
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.1	25.7
203	17.4	14.2	21.2





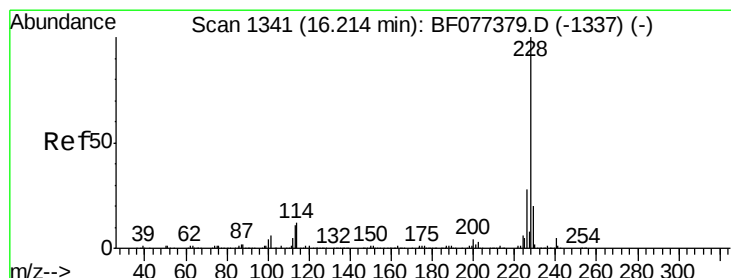
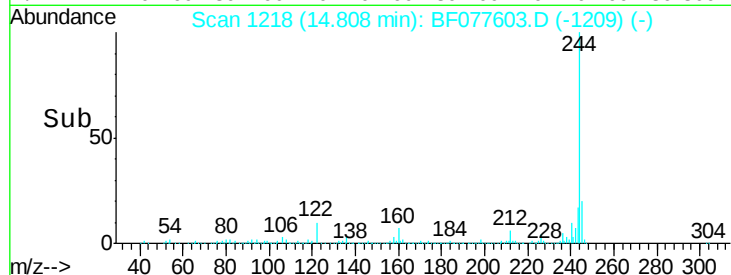
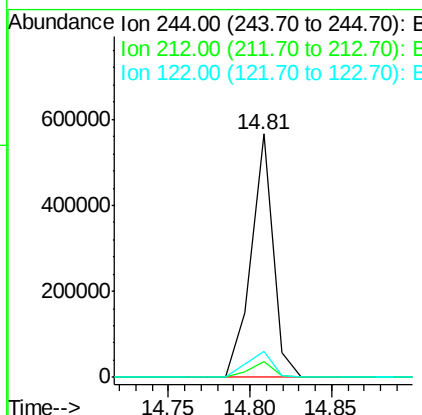
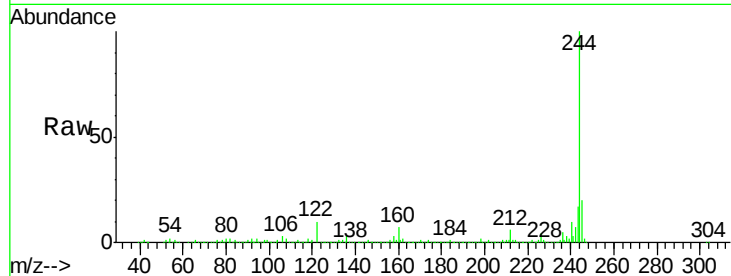
#78
 Terphenyl-d14
 Concen: 47.42 ng
 RT: 14.81 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF077603.D
 Acq: 5 Mar 2015 4:01

Instrument :
 BNA_F
 ClientSampleId :
 SB8

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	5.2	7.8
122	10.5	7.8	11.8

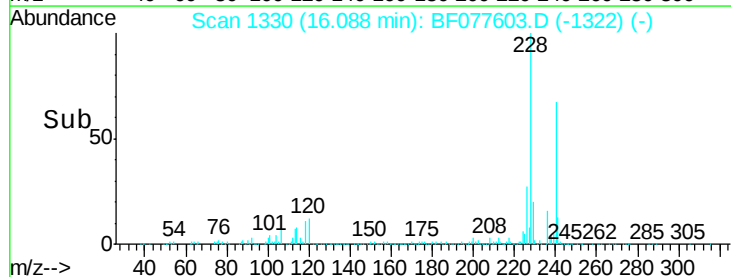
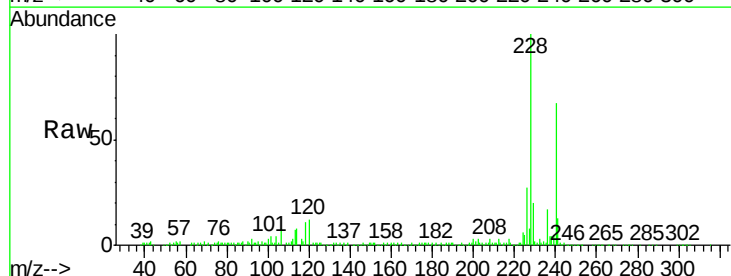
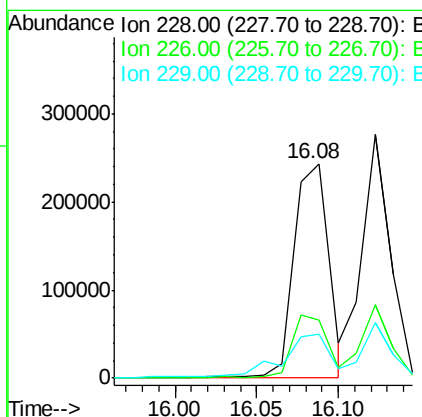
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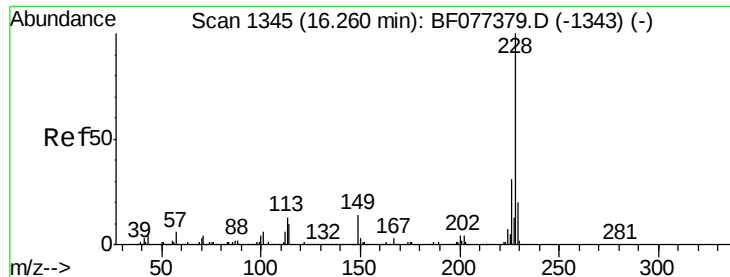
mohammad
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#80
 Benzo(a)anthracene
 Concen: 23.26 ng
 RT: 16.08 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF077603.D
 Acq: 5 Mar 2015 4:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.2	22.0	33.0
229	20.4	15.8	23.8





#82

Chrysene

Concen: 22.77 ng

RT: 16.12 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Instrument :

BNA_F

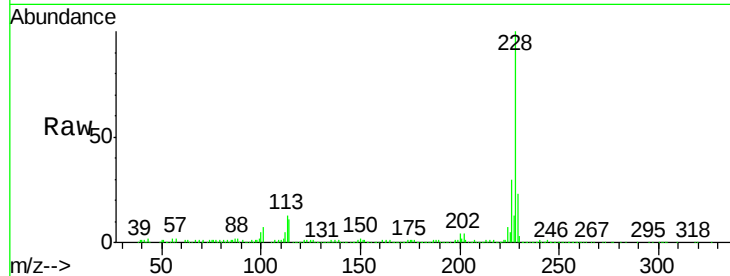
ClientSampleId :

SB8

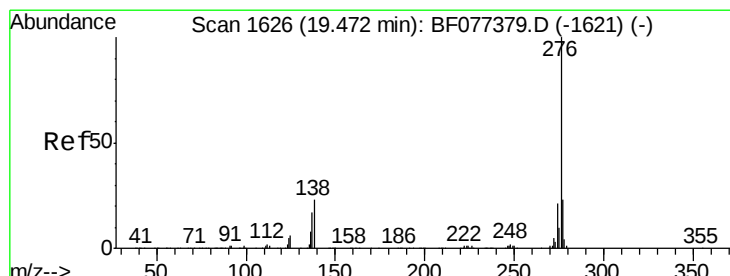
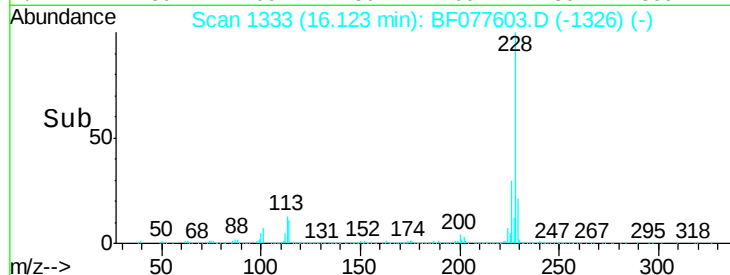
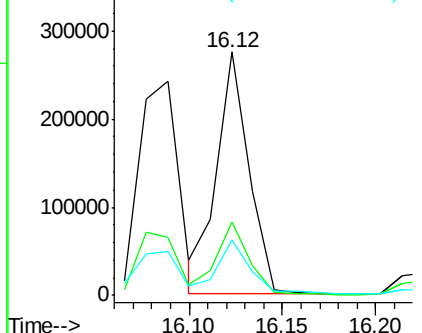
Tgt Ion:	228	Resp:	330767
Ion Ratio		Lower	Upper
228	100		
226	30.4	24.9	37.3
229	22.9	16.4	24.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 19.94 ng m

RT: 19.21 min Scan# 1603

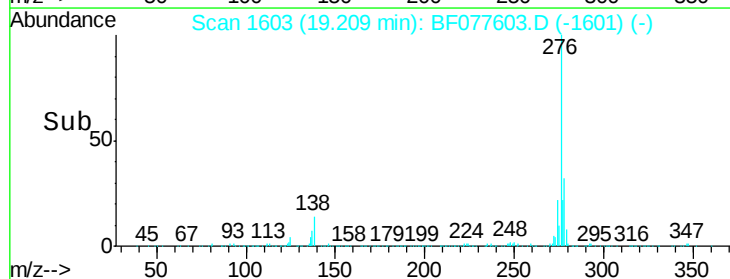
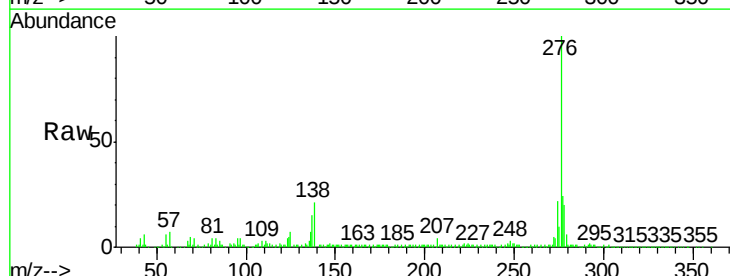
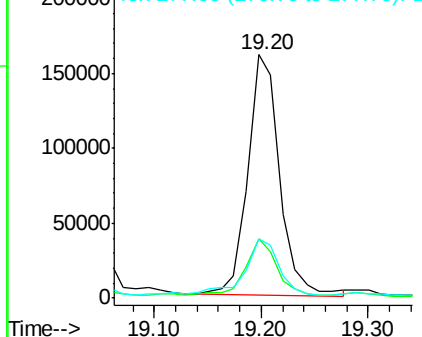
Delta R.T. -0.08 min

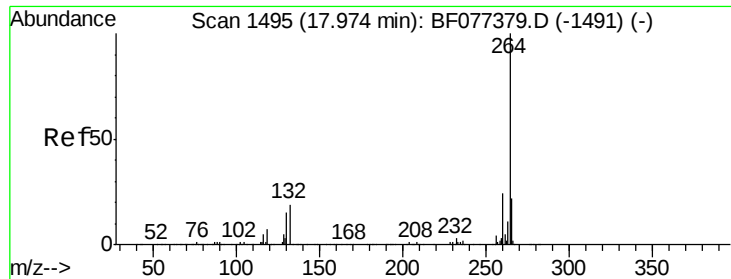
Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Tgt Ion:	276	Resp:	330257
Ion Ratio		Lower	Upper
276	100		
138	1.3	21.2	31.8#
277	1.4	20.0	30.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





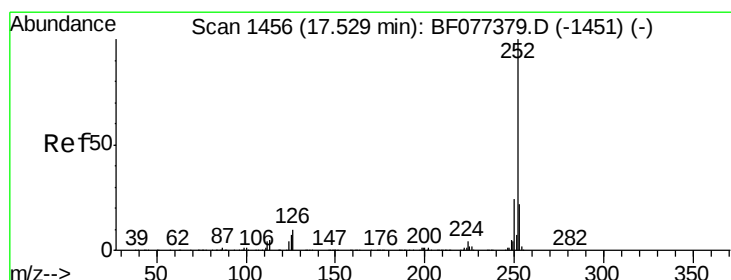
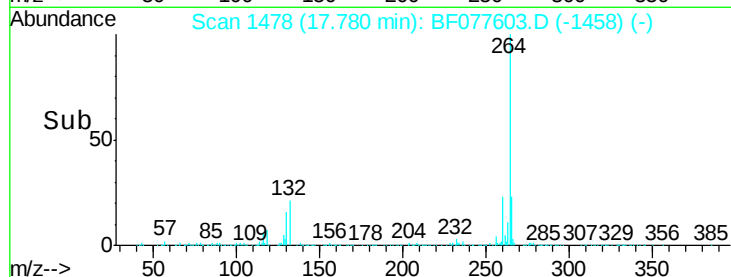
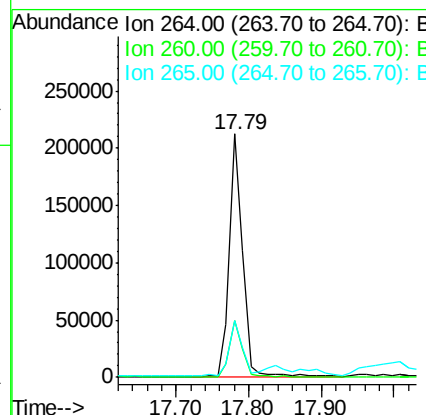
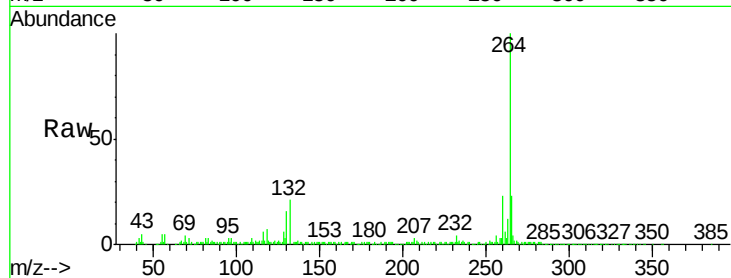
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1478
Delta R.T. -0.06 min
Lab File: BF077603.D
Acq: 5 Mar 2015 4:01

Instrument :
BNA_F
ClientSampleId :
SB8

Tgt Ion:	264	Resp:	271916
Ion Ratio		Lower	Upper
264	100		
260	23.1	19.3	28.9
265	23.2	16.8	25.2

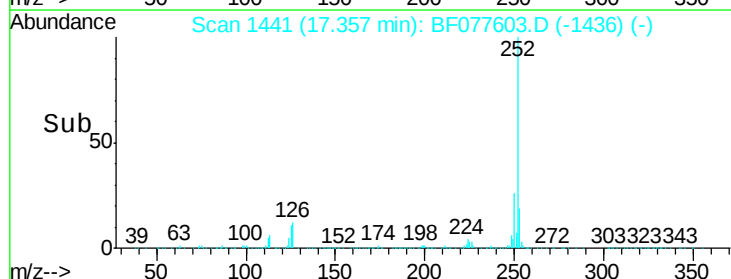
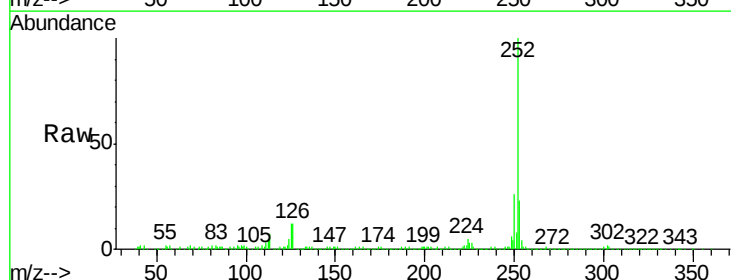
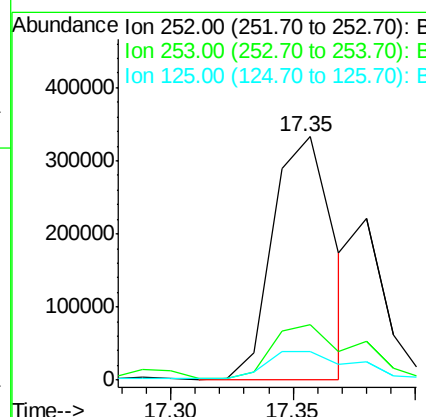
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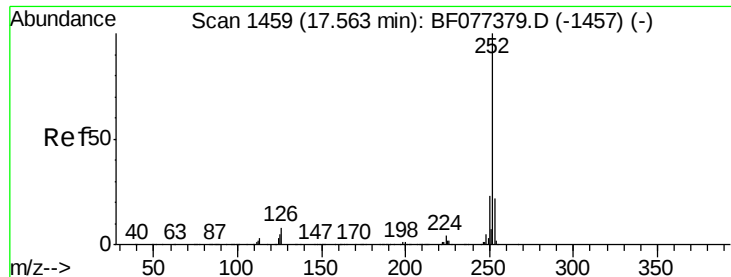
mohammad
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#87
Benzo(b)fluoranthene
Concen: 36.29 ng m
RT: 17.36 min Scan# 1441
Delta R.T. -0.04 min
Lab File: BF077603.D
Acq: 5 Mar 2015 4:01

Tgt Ion:	252	Resp:	573818
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.9	5.4	8.2#





#88

Benzo(k)fluoranthene

Concen: 13.30 ng m

RT: 17.38 min Scan# 1443

Delta R.T. -0.06 min

Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Instrument :

BNA_F

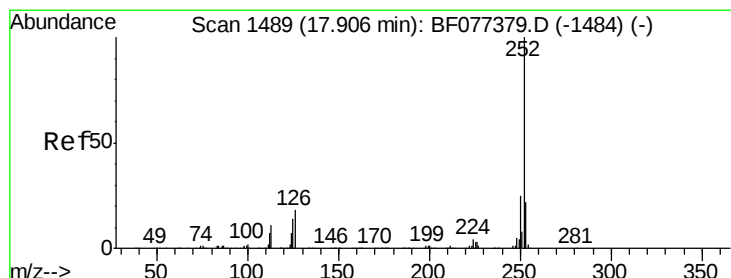
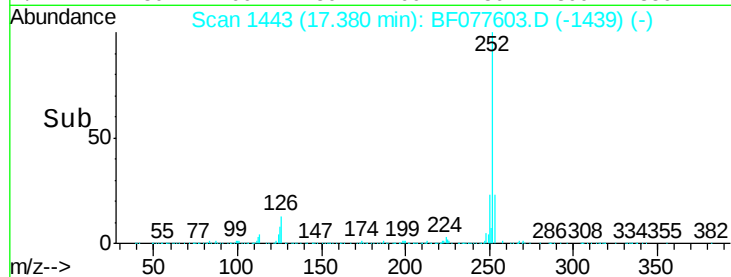
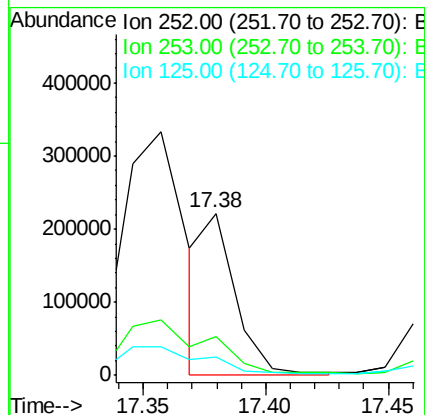
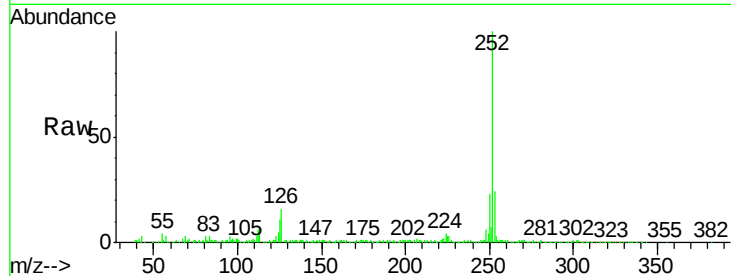
ClientSampleId :

SB8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	11.3	10.1	15.1

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 26.94 ng

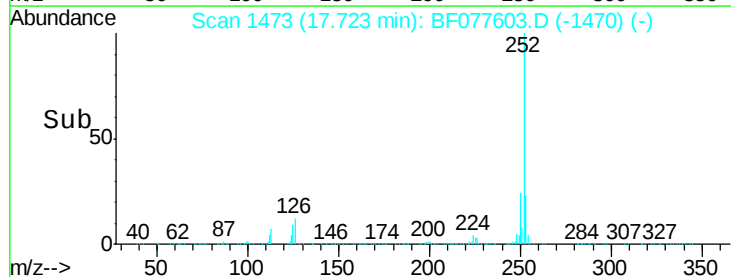
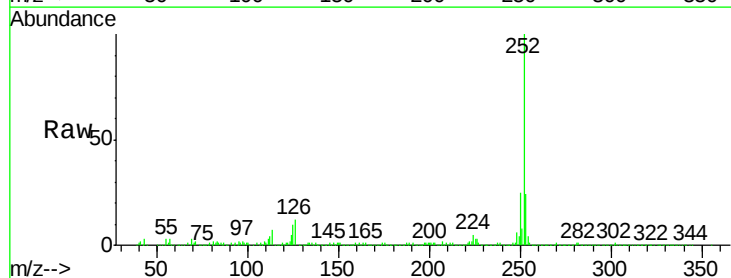
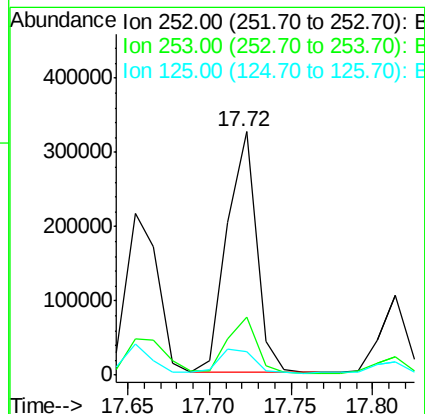
RT: 17.72 min Scan# 1473

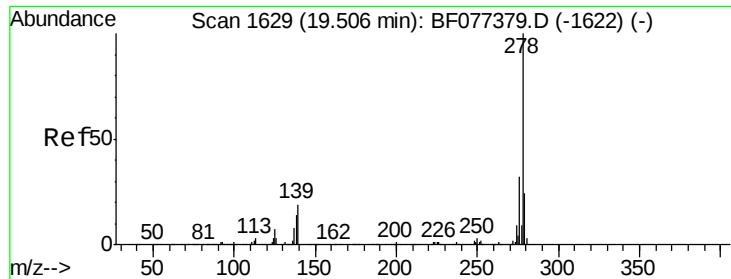
Delta R.T. -0.07 min

Lab File: BF077603.D

Acq: 5 Mar 2015 4:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	9.5	8.3	12.5





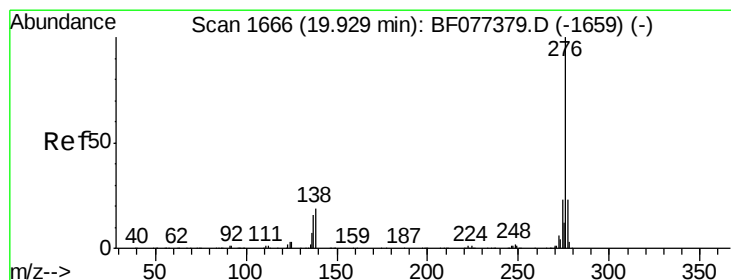
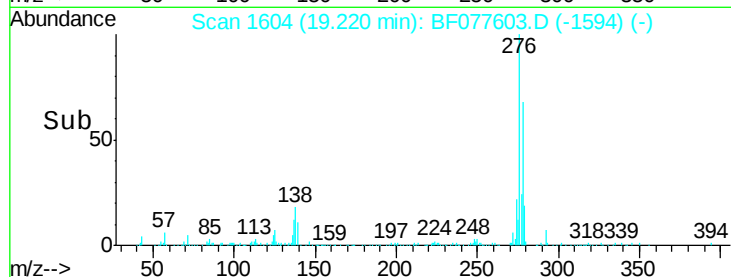
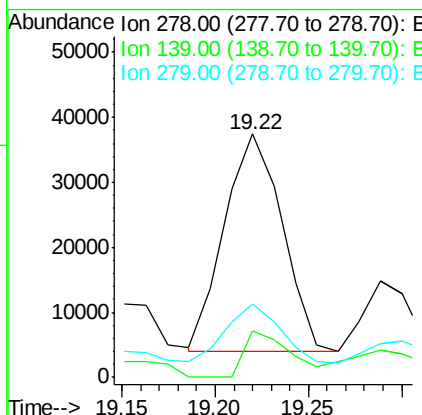
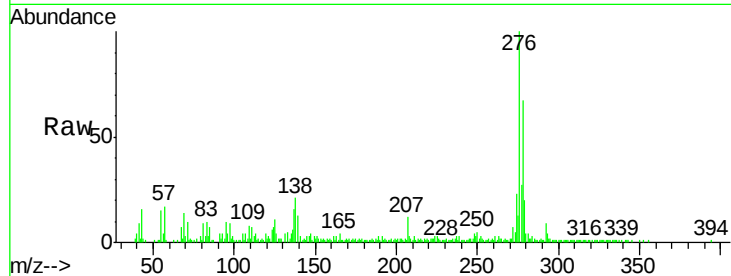
#90
Dibenzo(a,h)anthracene
Concen: 5.04 ng
RT: 19.22 min Scan# 1604
Delta R.T. -0.09 min
Lab File: BF077603.D
Acq: 5 Mar 2015 4:01

Instrument :
BNA_F
ClientSampleId :
SB8

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.3	21.5
279	30.1	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 22.76 ng
RT: 19.63 min Scan# 1640
Delta R.T. -0.08 min
Lab File: BF077603.D
Acq: 5 Mar 2015 4:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	20.7	20.5	30.7

