

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077606.D
 Acq On : 5 Mar 2015 5:27
 Operator : TP/IZ
 Sample : G1424-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB16

Manual Integrations
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Quant Time: Mar 05 07:08:52 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	68813	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	283835	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	137665	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	264549	20.00	ng	0.00
75) Chrysene-d12	16.10	240	296419	20.00	ng	0.00
86) Perylene-d12	17.83	264	282807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	421941	102.36	ng	0.00
7) Phenol-d6	6.79	99	504210	95.14	ng	0.00
23) Nitrobenzene-d5	7.91	82	325588	71.33	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	134756	101.66	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	602473	68.24	ng	0.00
78) Terphenyl-d14	14.81	244	635205	50.10	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.65	163	47799	4.94	ng	98
70) Phenanthrene	12.84	178	131674	8.59	ng	98
71) Anthracene	12.90	178	32693	2.15	ng	97
74) Fluoranthene	14.32	202	218002	13.02	ng	99
77) Pyrene	14.60	202	213271	11.76	ng	99
80) Benzo(a)anthracene	16.09	228	160386m	9.23	ng	
82) Chrysene	16.12	228	160997m	9.87	ng	
85) Indeno(1,2,3-cd)pyrene	19.26	276	247649	13.31	ng	95
87) Benzo(b)fluoranthene	17.39	252	311383m	18.93	ng	
88) Benzo(k)fluoranthene	17.41	252	119657m	7.42	ng	
89) Benzo(a)pyrene	17.77	252	259426	16.56	ng	99
90) Dibenzo(a,h)anthracene	19.28	278	51276	3.43	ng	# 91
91) Benzo(g,h,i)perylene	19.68	276	294774	19.55	ng	95

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

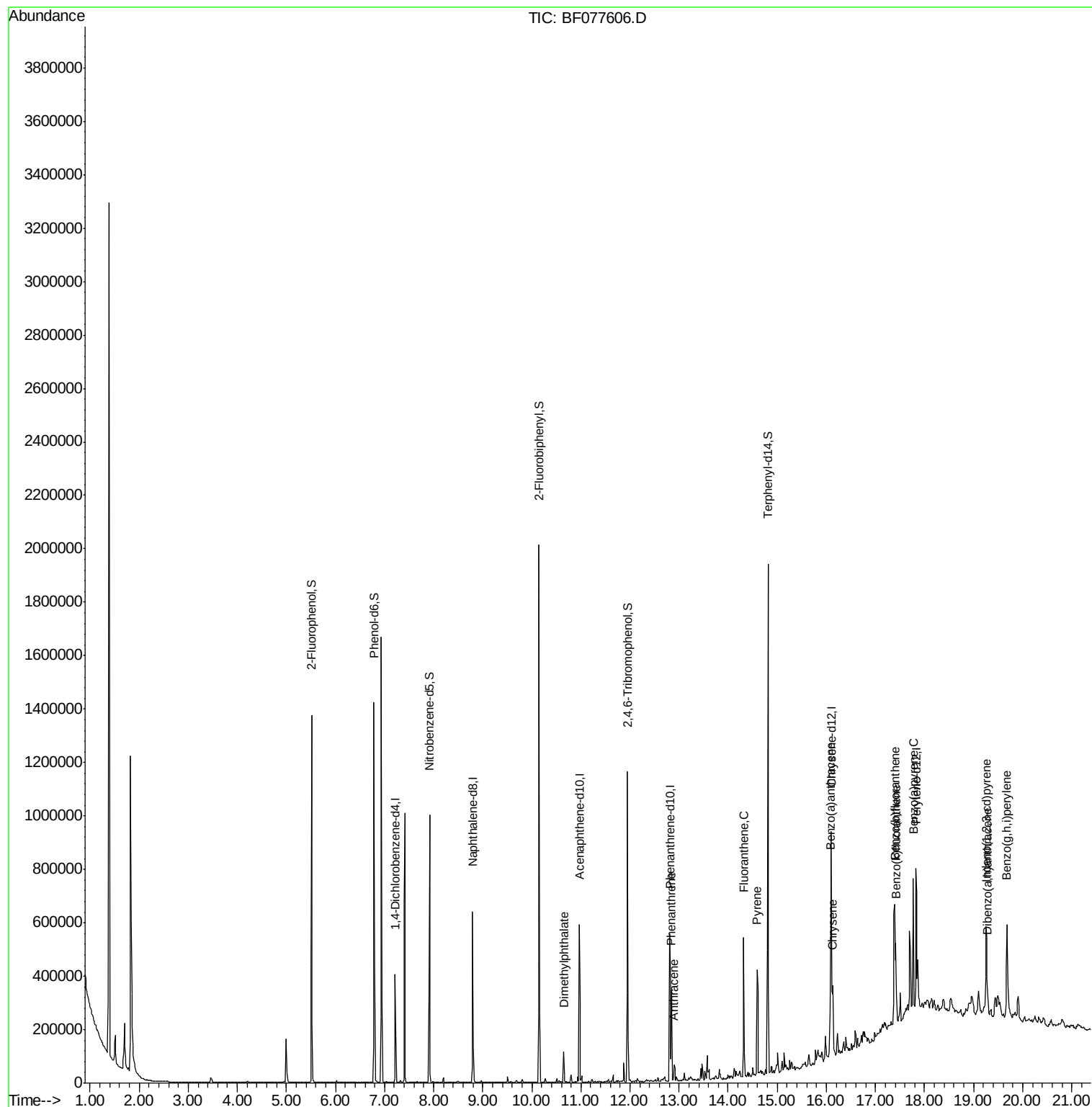
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077606.D
Acq On : 5 Mar 2015 5:27
Operator : TP/IZ
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ALS Vial : 25 Sample Multiplier: 1

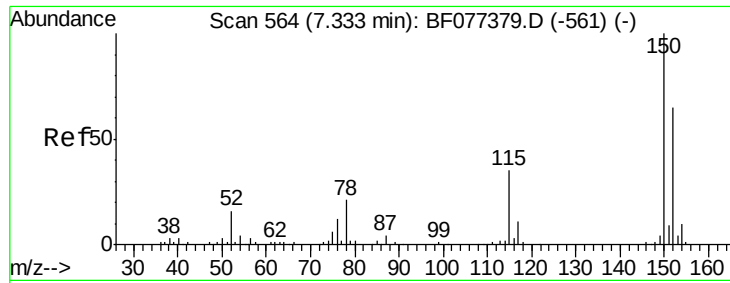
Instrument :
BNA_F
ClientSampled :
SB16

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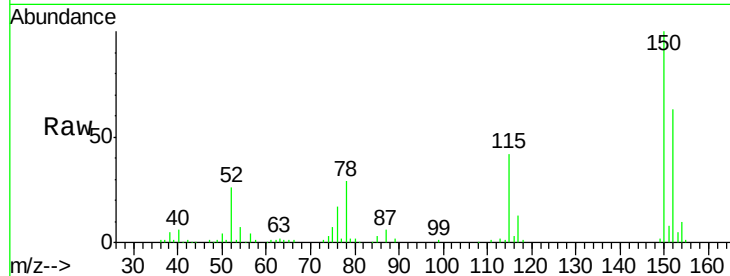
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077606.D
 Acq: 5 Mar 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
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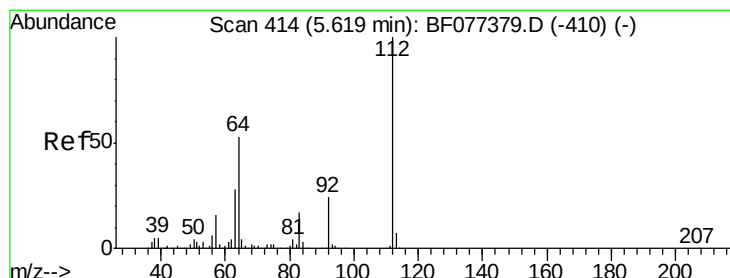
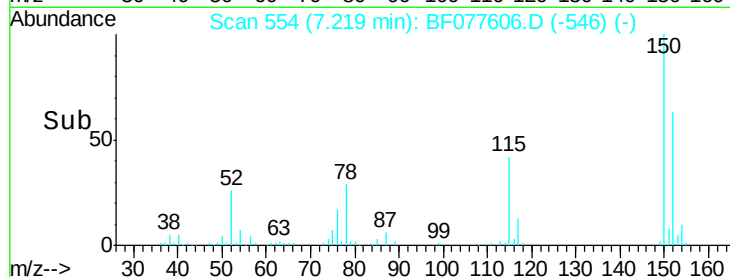
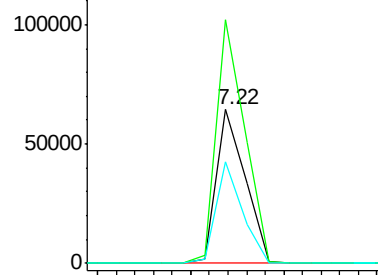
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	68813		
150	158.6	124.0	186.0	
115	66.3	49.4	74.2	

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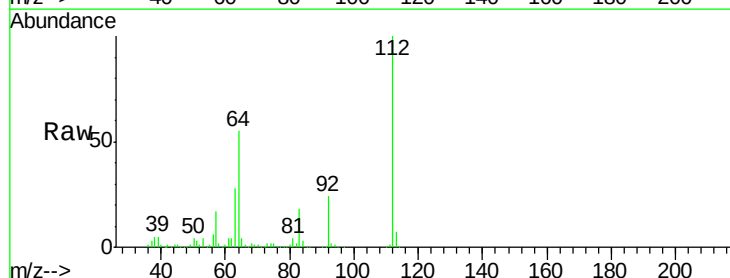


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

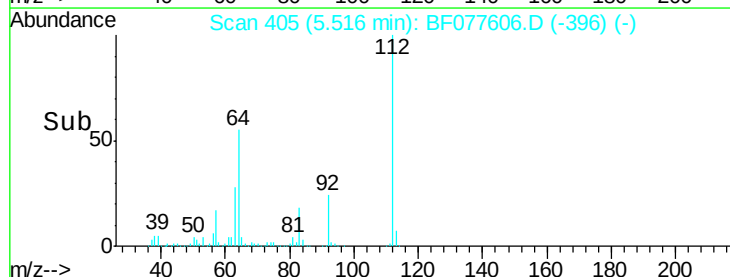
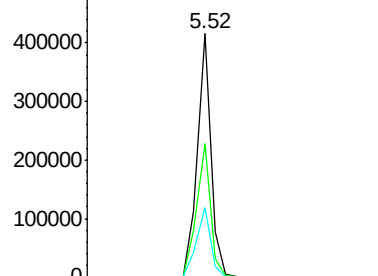


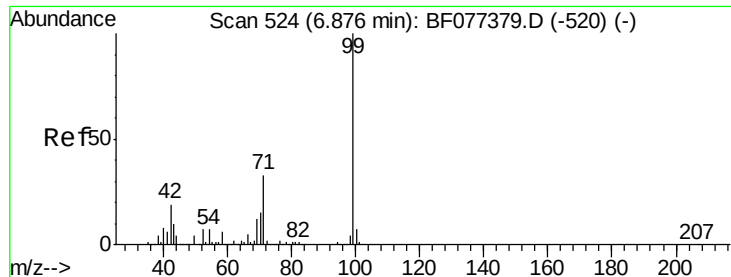
#5
 2-Fluorophenol
 Concen: 102.36 ng
 RT: 5.52 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF077606.D
 Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	421941		
64	54.8	48.5	72.7	
63	28.4	25.0	37.4	



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





#7

Phenol-d6

Concen: 95.14 ng

RT: 6.79 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF077606.D

Acq: 5 Mar 2015 5:27

Instrument :

BNA_F

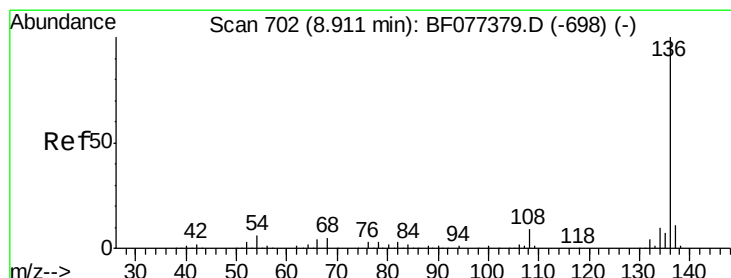
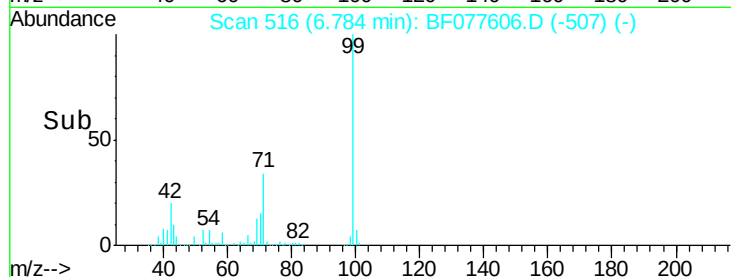
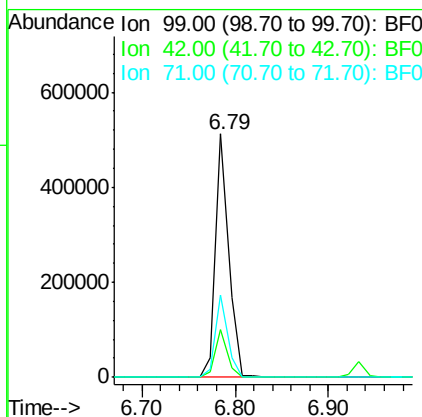
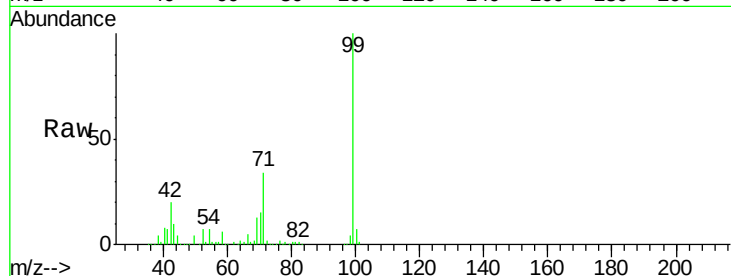
ClientSampleId :

SB16

Tgt Ion:	99	Resp:	504210
Ion Ratio	Lower	Upper	
99	100		
42	19.9	16.2	24.4
71	33.7	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

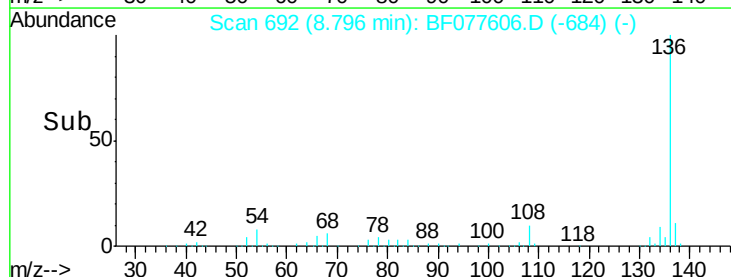
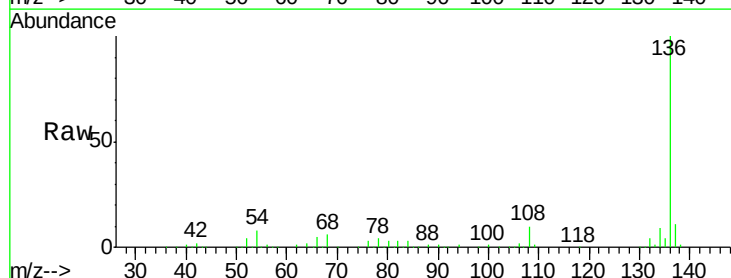
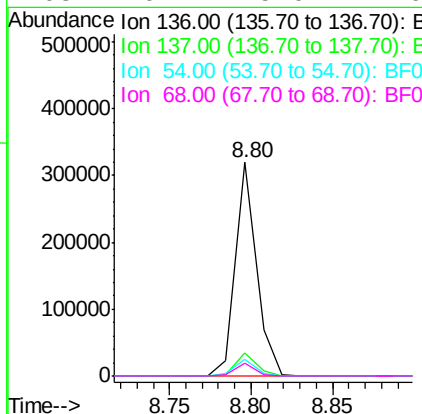
RT: 8.80 min Scan# 692

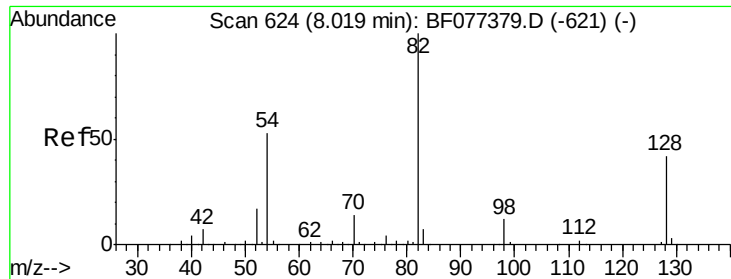
Delta R.T. -0.00 min

Lab File: BF077606.D

Acq: 5 Mar 2015 5:27

Tgt Ion:	136	Resp:	283835
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	7.9	6.2	9.4
68	6.1	5.0	7.6





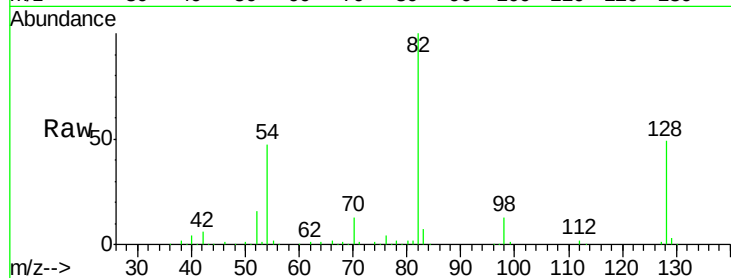
#23
 Nitrobenzene-d5
 Concen: 71.33 ng
 RT: 7.91 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077606.D
 Acq: 5 Mar 2015 5:27

Instrument :
 BNA_F
 ClientSampled :
 SB16

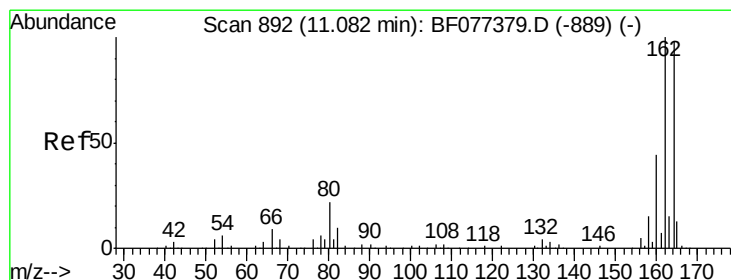
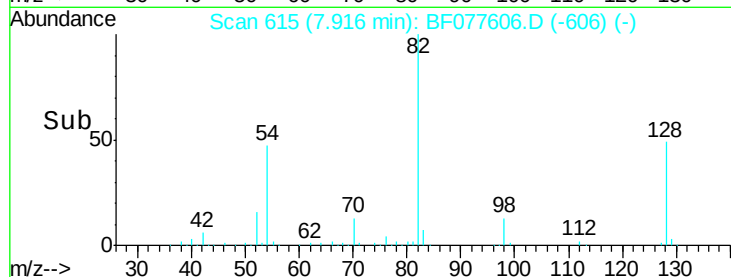
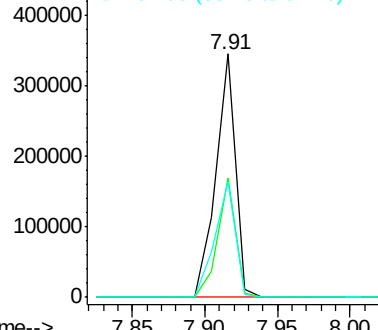
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	49.1	43.8	65.8
54	47.3	36.7	55.1

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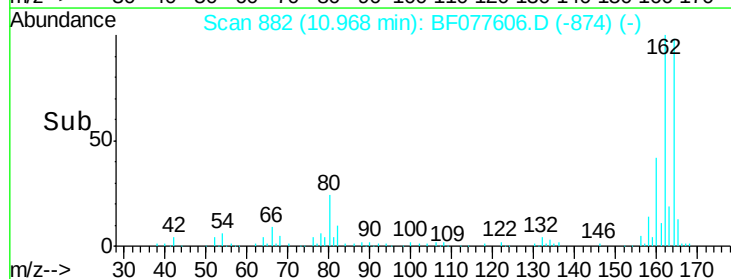
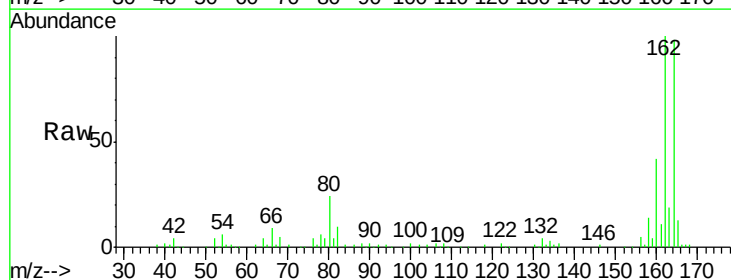
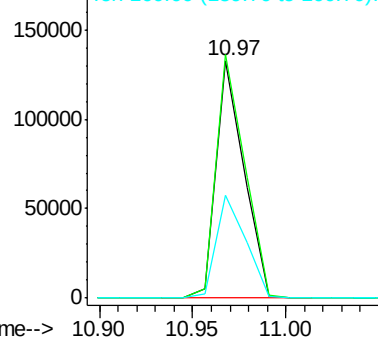
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

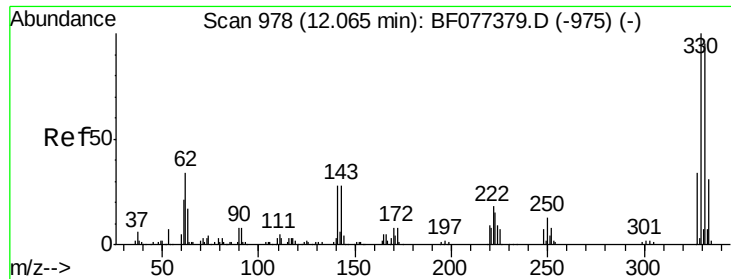


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF077606.D
 Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.5	83.2	124.8
160	43.3	34.6	52.0

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





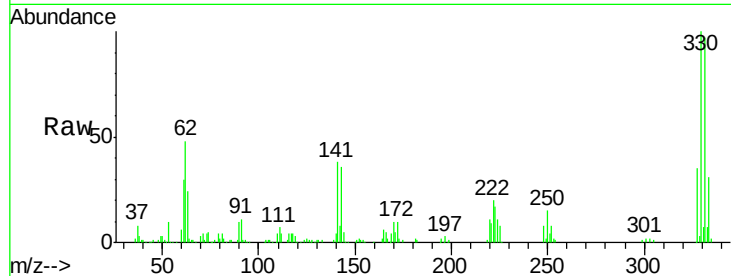
#41
 2,4,6-Tribromophenol
 Concen: 101.66 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077606.D
 Acq: 5 Mar 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 SB16

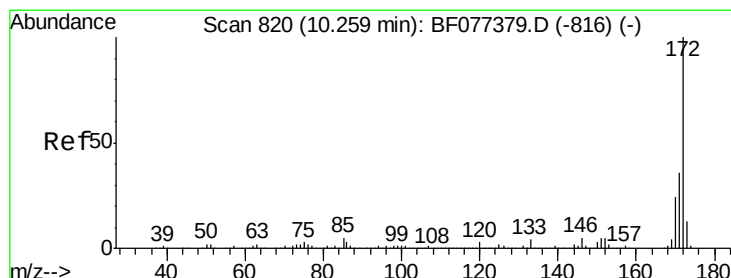
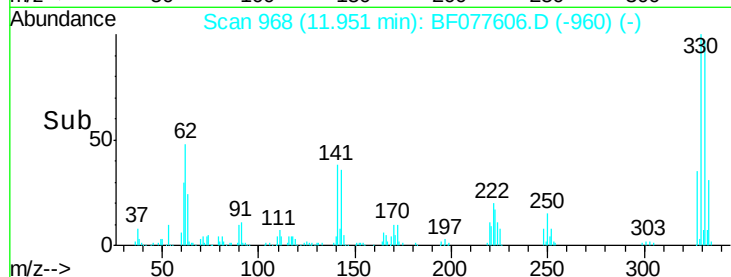
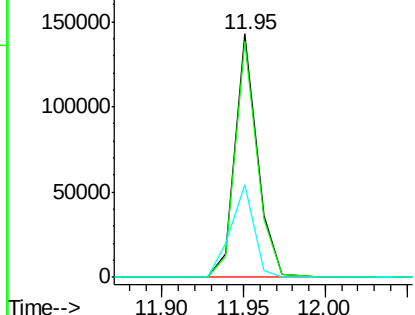
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	134756		
332	95.9	77.4	116.2	
141	40.3	28.8	43.2	

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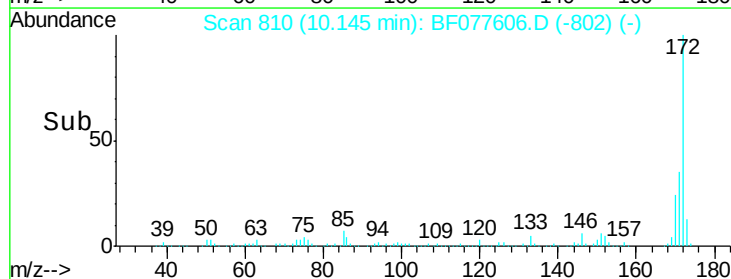
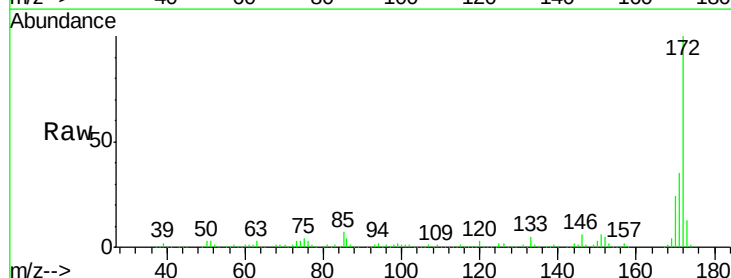
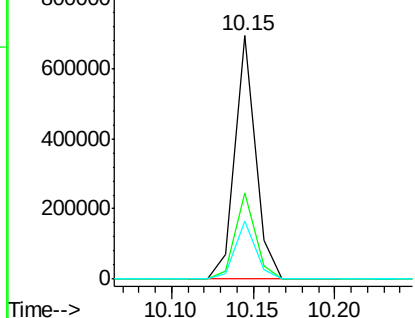
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

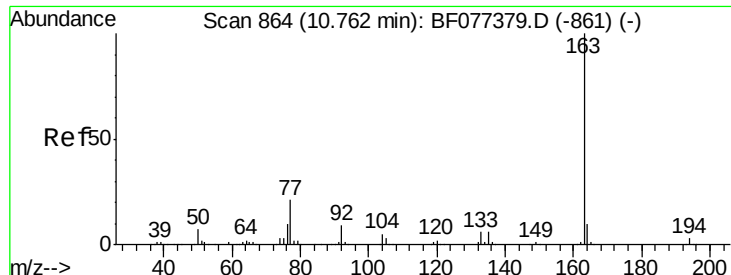


#44
 2-Fluorobiphenyl
 Concen: 68.24 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077606.D
 Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	602473		
171	35.4	28.9	43.3	
170	23.7	19.4	29.2	

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





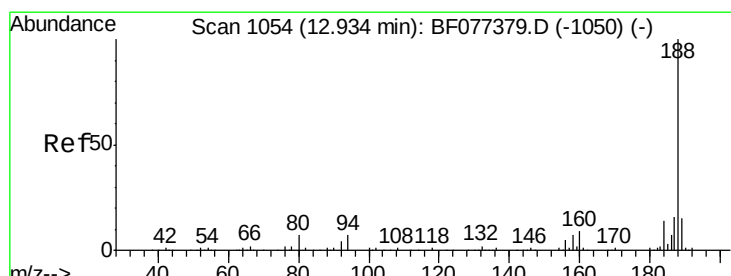
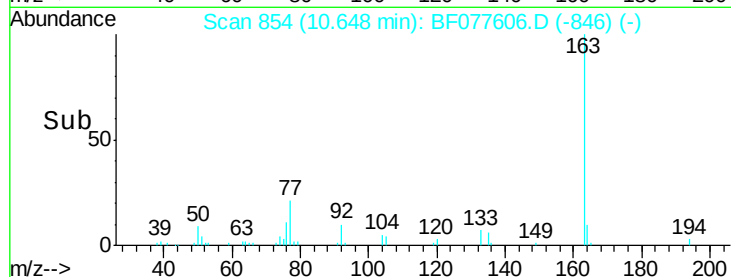
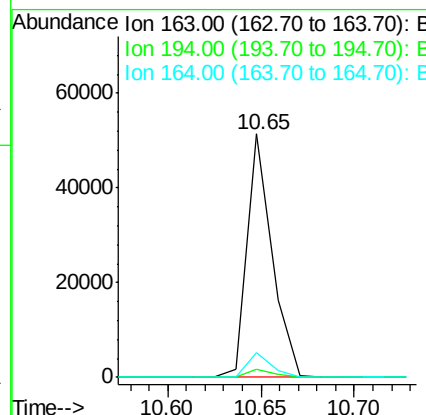
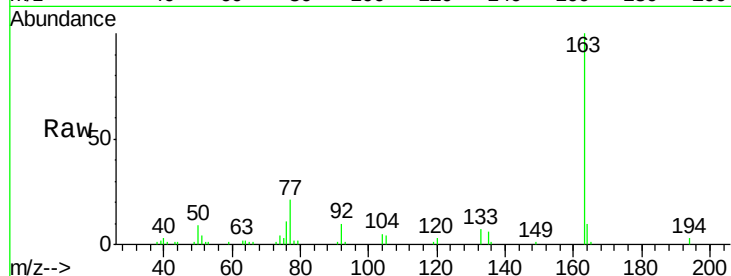
#49
Dimethylphthalate
Concen: 4.94 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.6	13.0

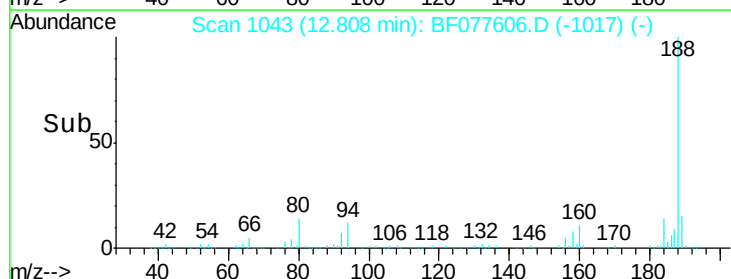
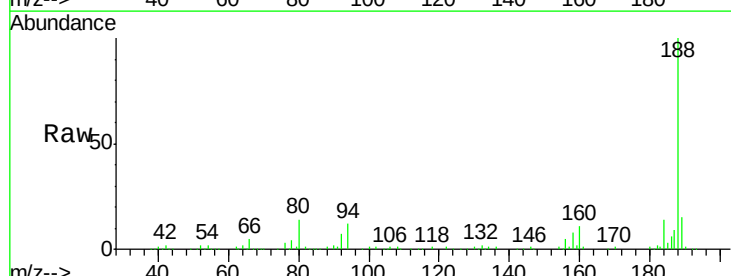
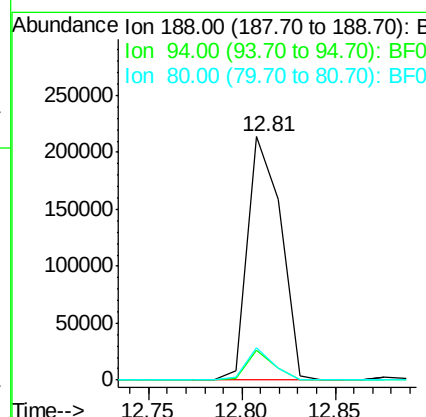
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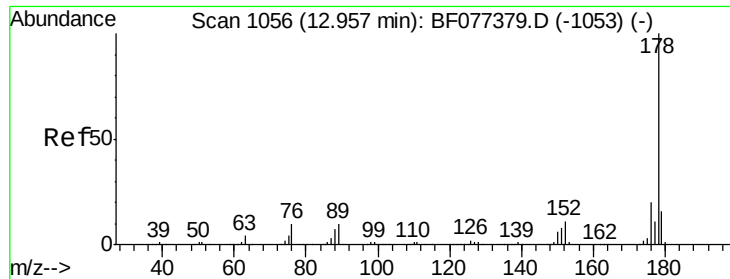
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.2	7.4	11.2#
80	13.5	8.0	12.0#





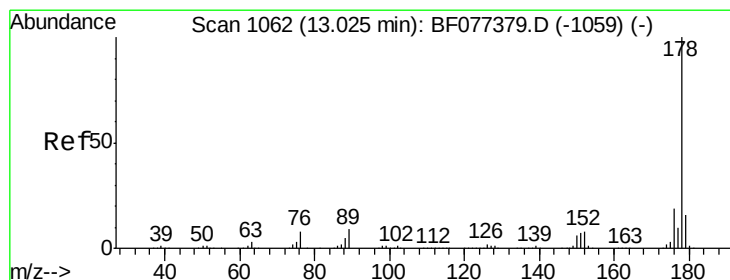
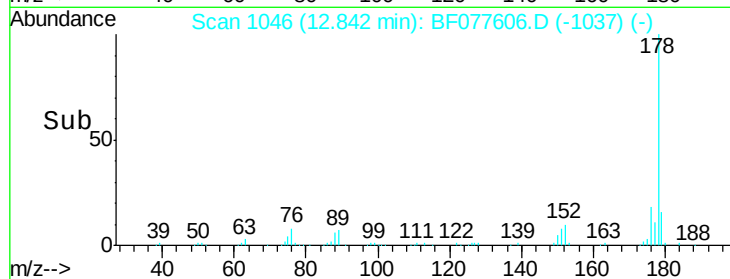
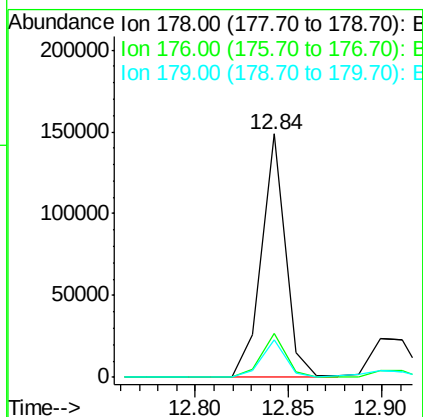
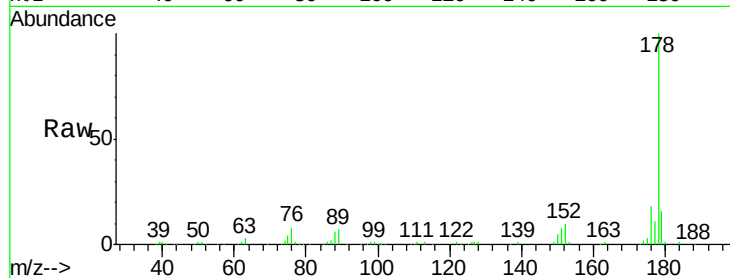
#70
Phenanthrene
Concen: 8.59 ng
RT: 12.84 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.6	12.2	18.2

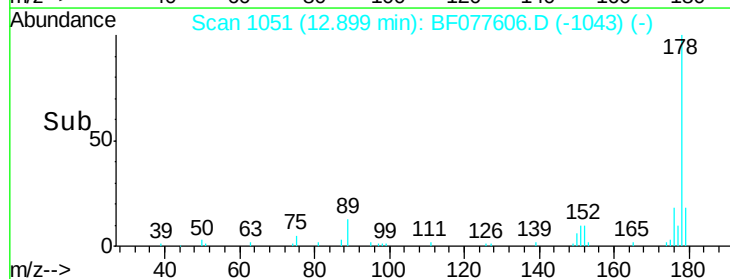
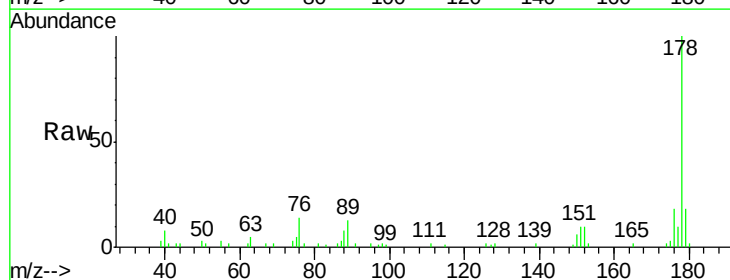
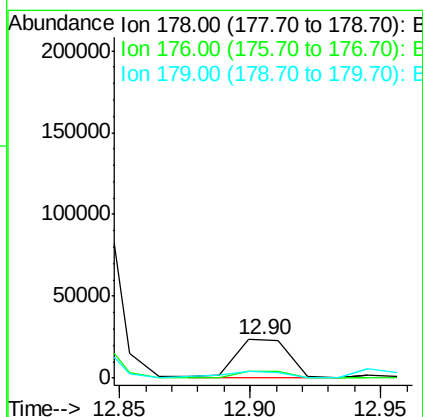
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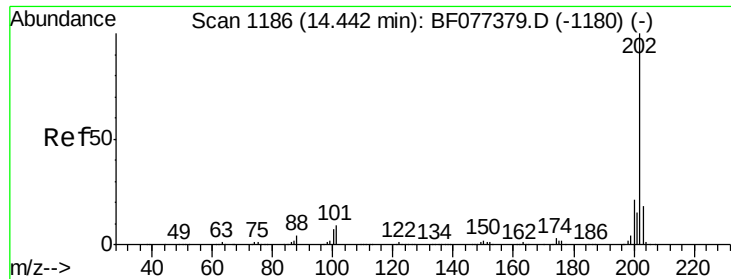
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#71
Anthracene
Concen: 2.15 ng
RT: 12.90 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	18.5	12.9	19.3





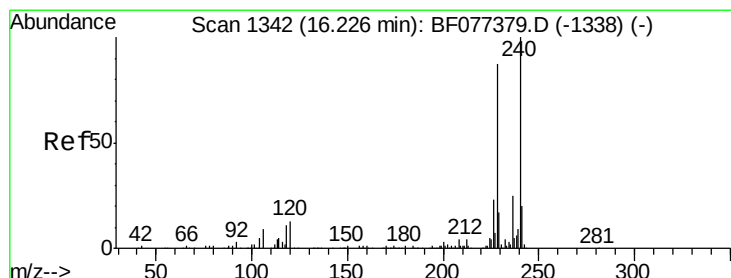
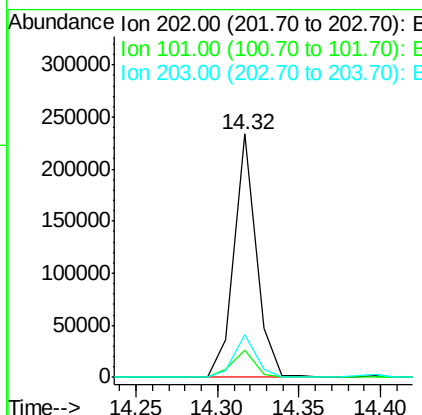
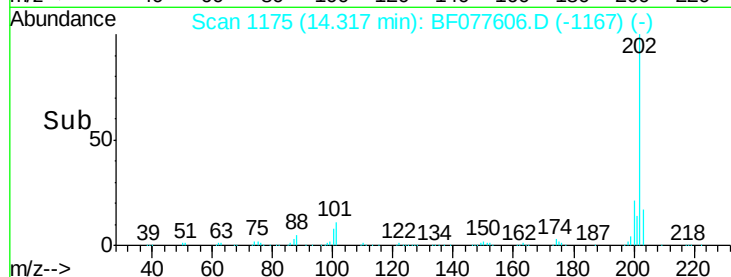
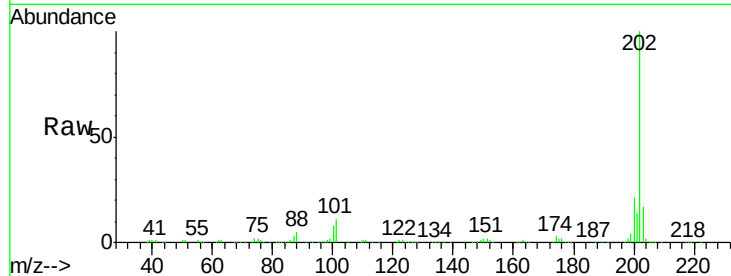
#74
Fluoranthene
Concen: 13.02 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	30.8
203	17.5	0.0	37.7

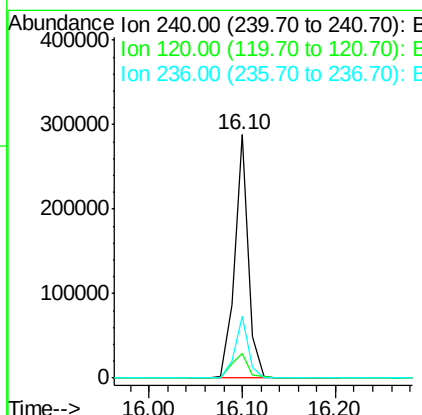
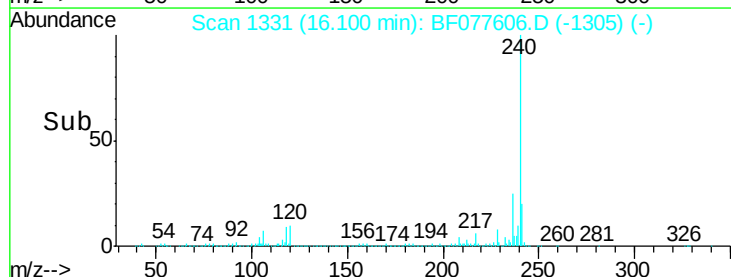
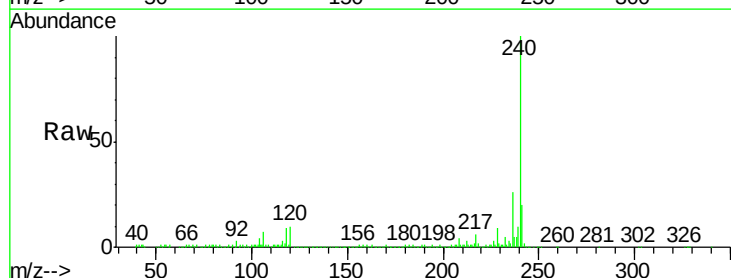
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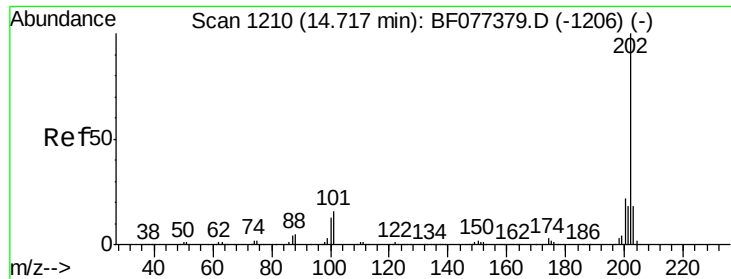
mohammad
3/5/2015 2:11:25 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	8.8	13.2
236	25.6	20.7	31.1





#77

Pyrene

Concen: 11.76 ng

RT: 14.60 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF077606.D

Acq: 5 Mar 2015 5:27

Instrument :

BNA_F

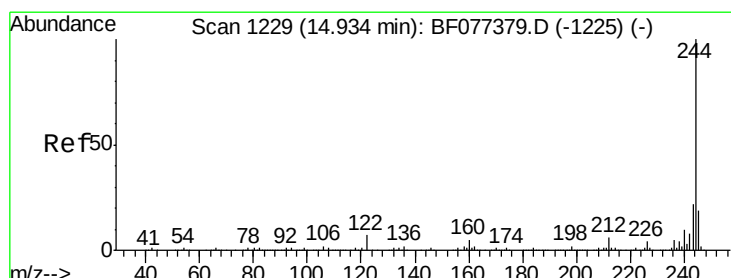
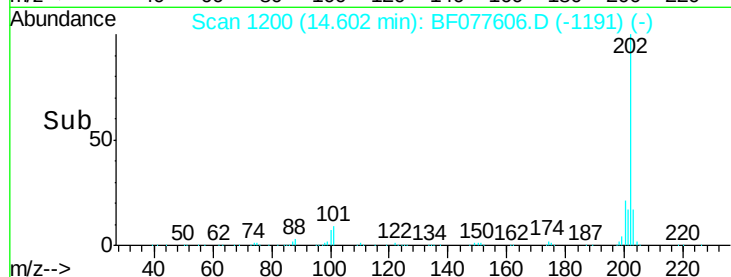
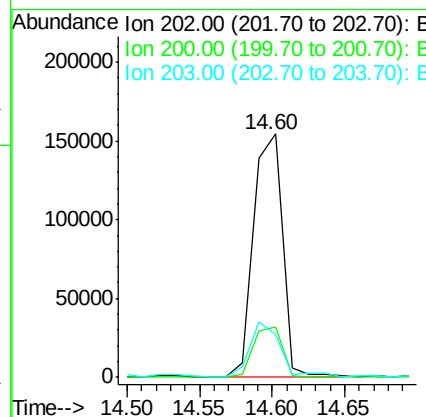
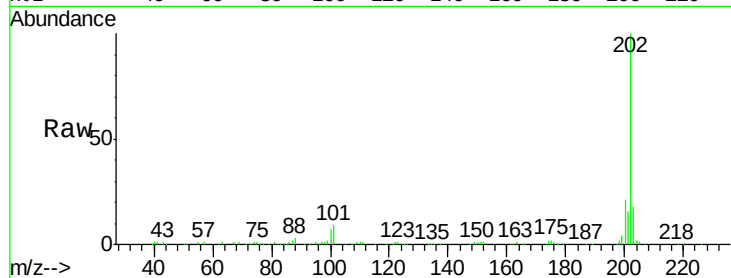
ClientSampleId :

SB16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	213271		
200	20.6	17.1	25.7	
203	17.6	14.2	21.2	

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#78

Terphenyl-d14

Concen: 50.10 ng

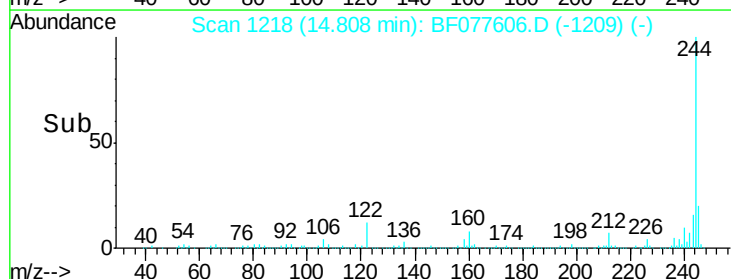
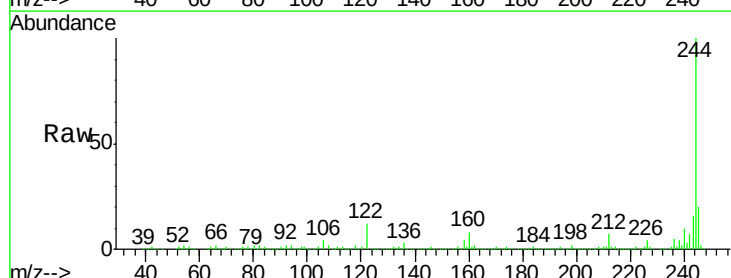
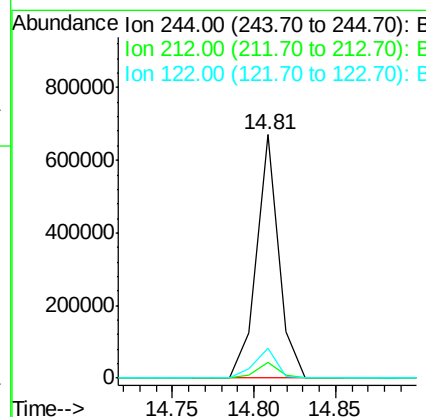
RT: 14.81 min Scan# 1218

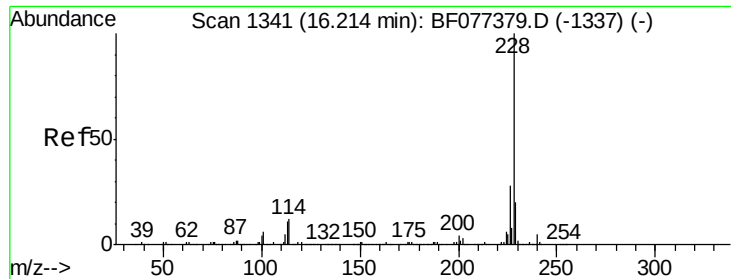
Delta R.T. -0.00 min

Lab File: BF077606.D

Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	635205		
212	6.7	5.2	7.8	
122	12.3	7.8	11.8	





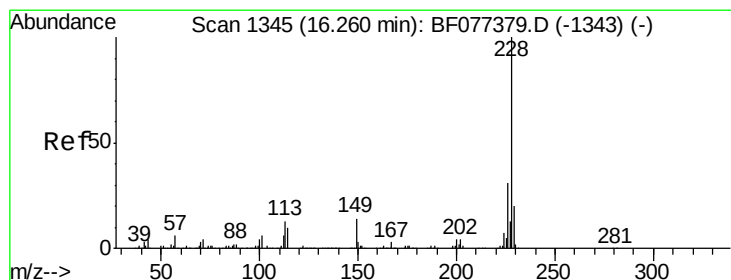
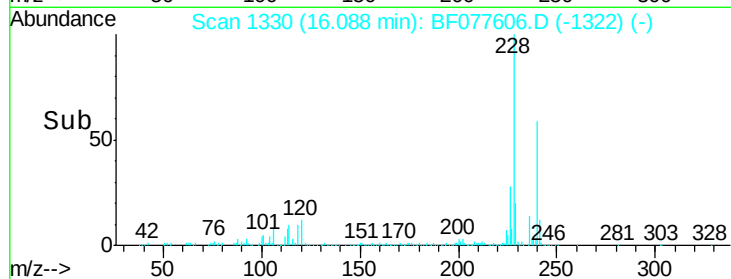
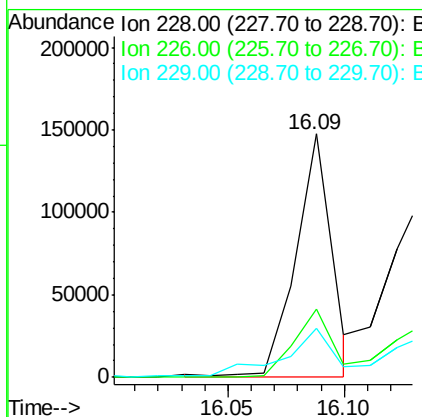
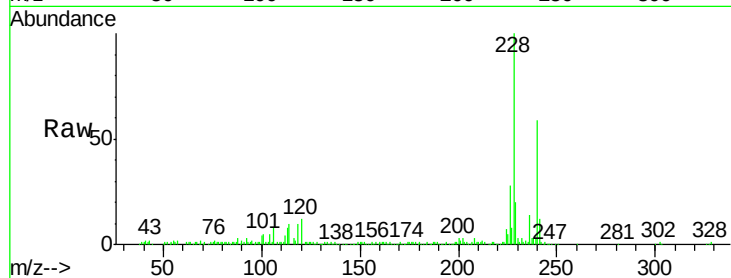
#80
Benzo(a)anthracene
Concen: 9.23 ng m
RT: 16.09 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	20.0	15.8	23.8

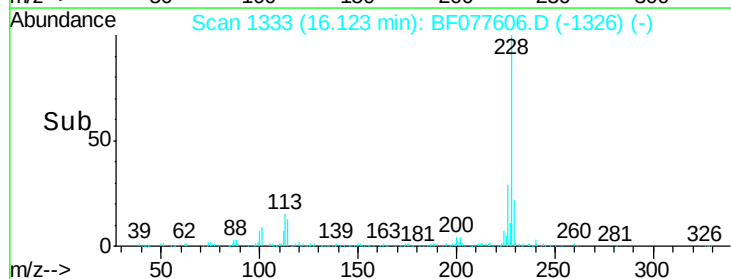
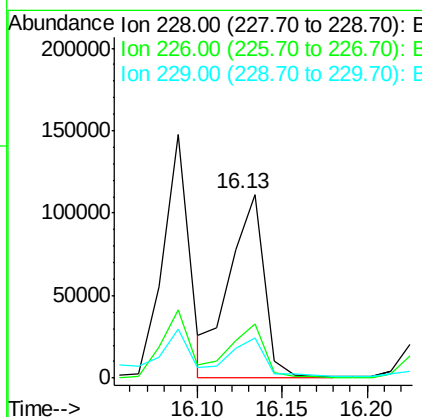
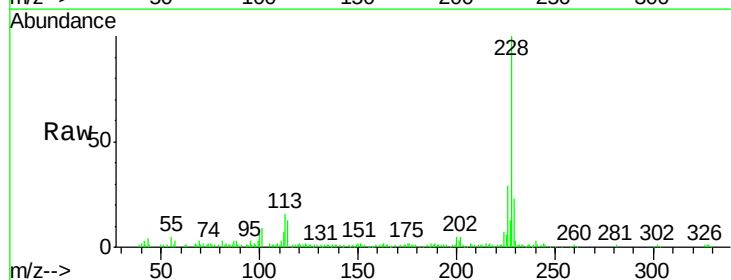
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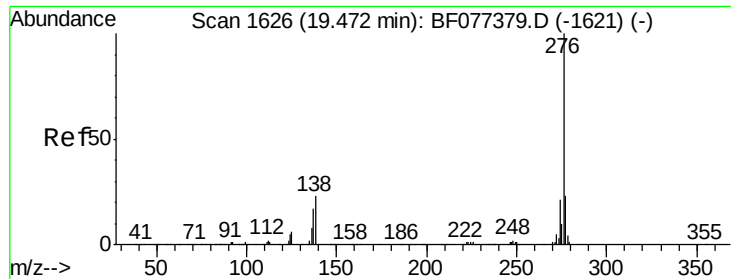
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#82
Chrysene
Concen: 9.87 ng m
RT: 16.12 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	23.3	16.4	24.6





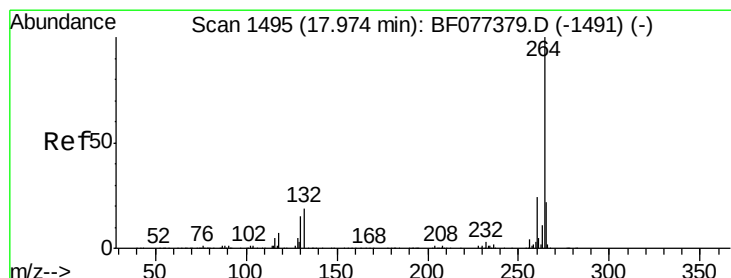
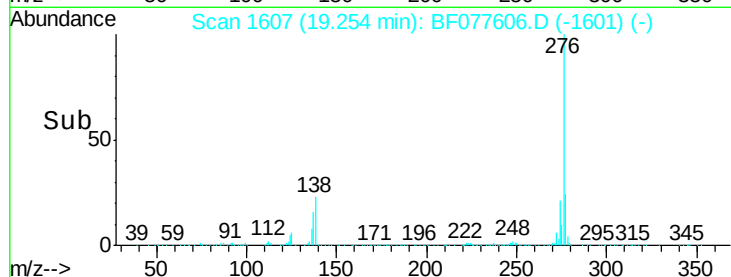
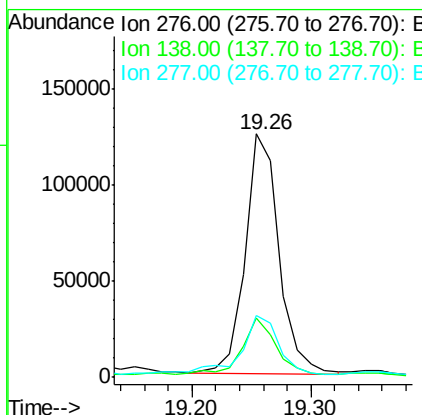
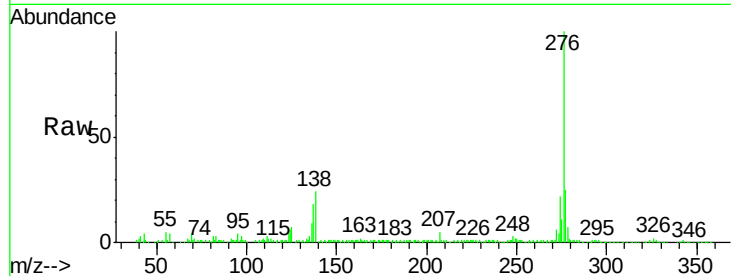
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.31 ng
 RT: 19.26 min Scan# 1607
 Delta R.T. -0.03 min
 Lab File: BF077606.D
 Acq: 5 Mar 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 SB16

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	23.3	21.2	31.8
277	26.7	20.0	30.0

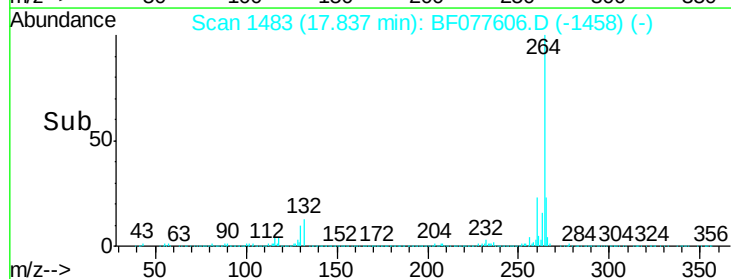
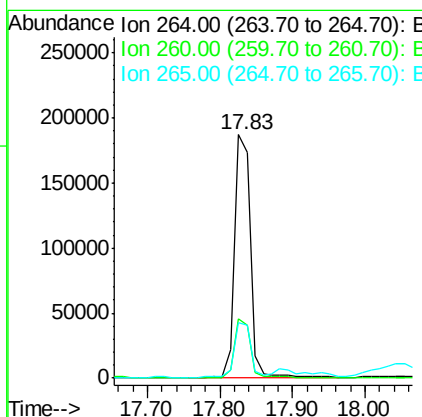
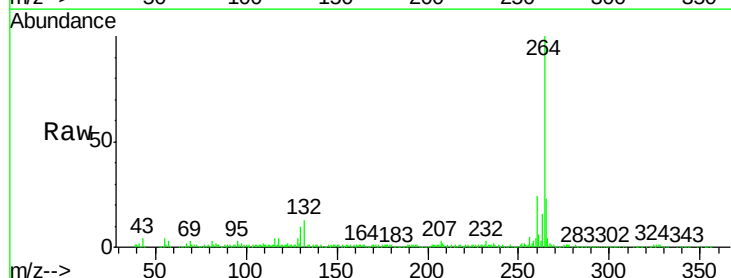
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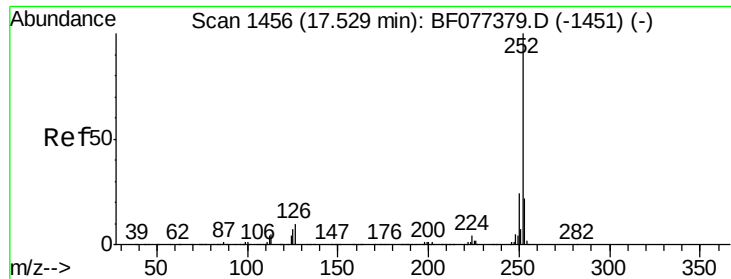
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.83 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BF077606.D
 Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.7	19.3	28.9
265	23.1	16.8	25.2





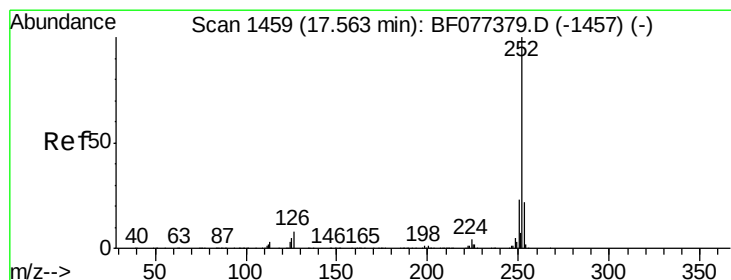
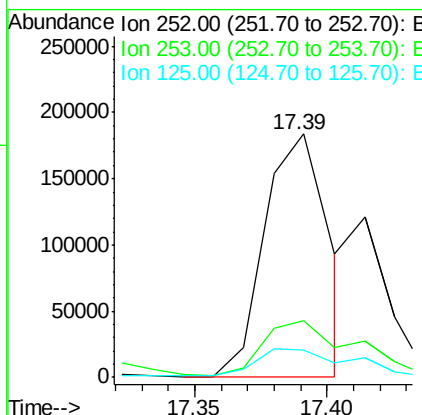
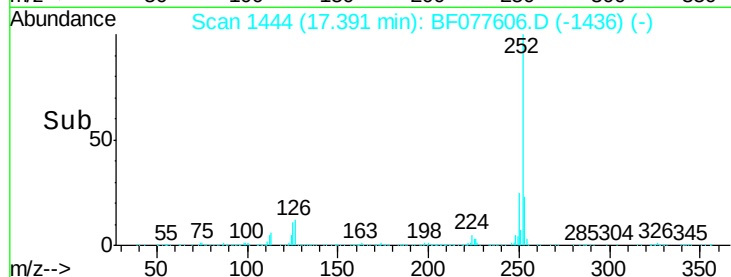
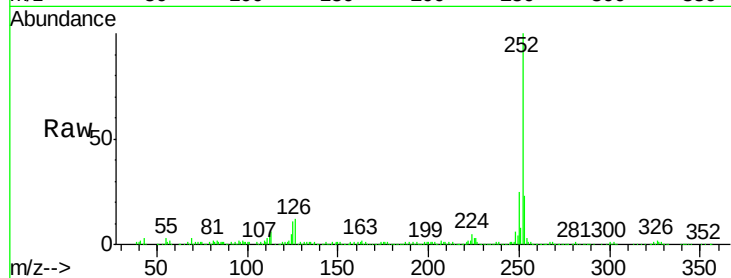
#87
Benzo(b)fluoranthene
Concen: 18.93 ng m
RT: 17.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	11.5	5.4	8.2

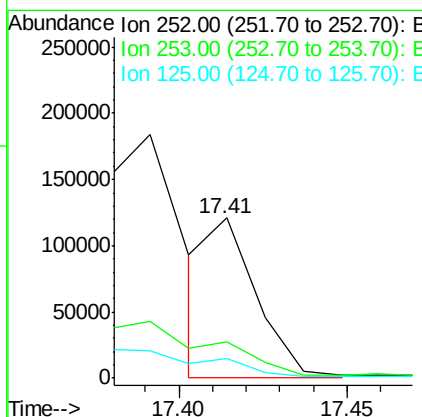
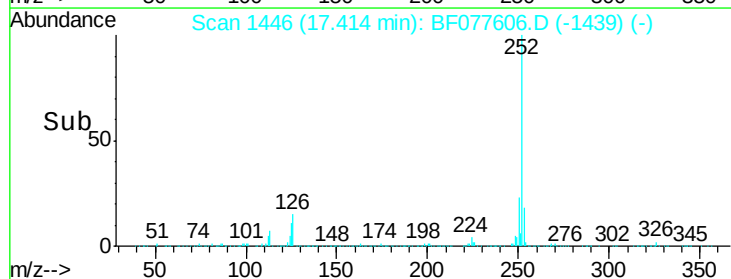
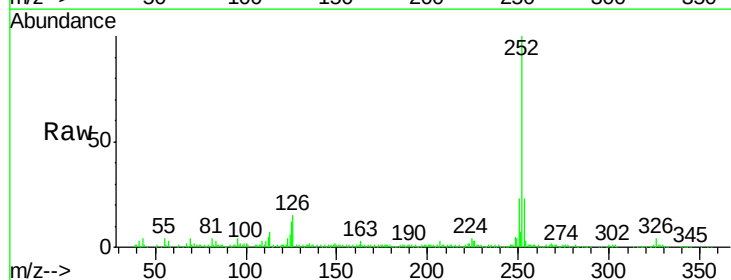
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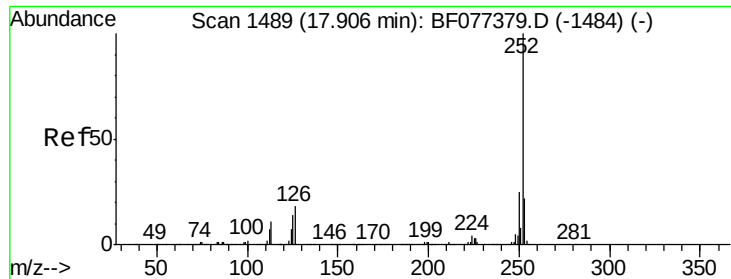
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#88
Benzo(k)fluoranthene
Concen: 7.42 ng m
RT: 17.41 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.9	10.1	15.1





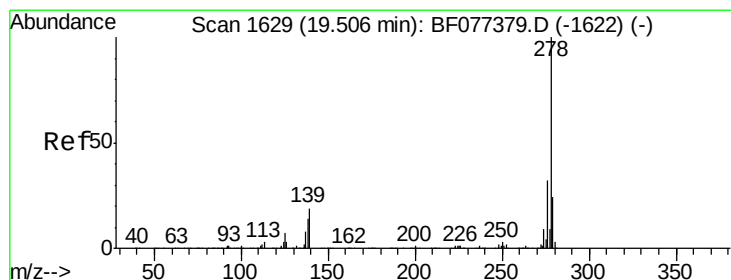
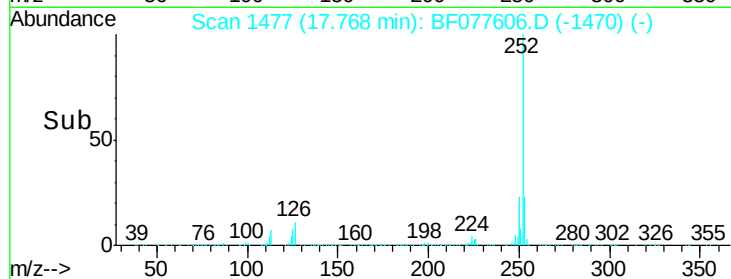
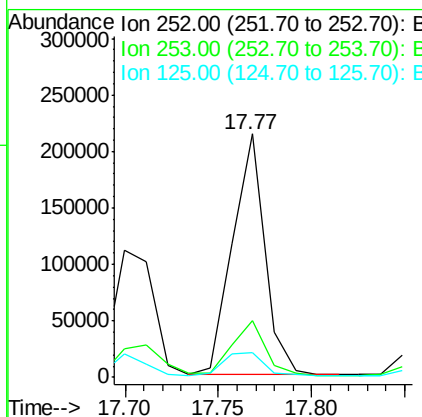
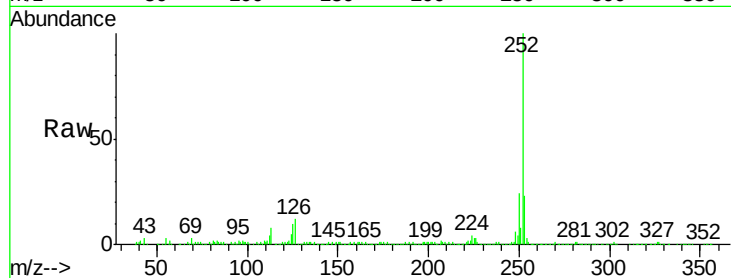
#89
Benzo(a)pyrene
Concen: 16.56 ng
RT: 17.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampled :
SB16

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	18.2	27.2
125	9.9	8.3	12.5

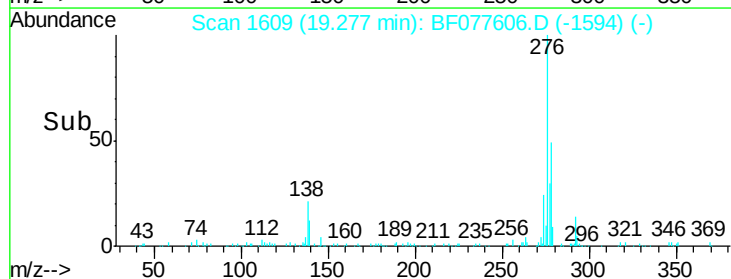
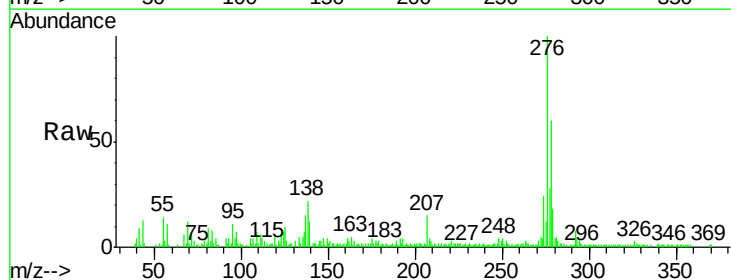
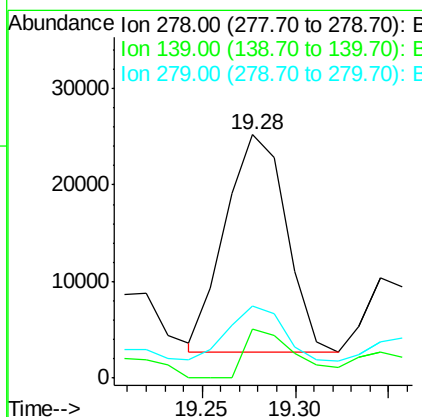
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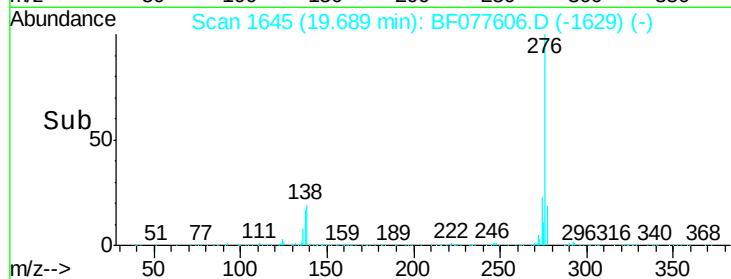
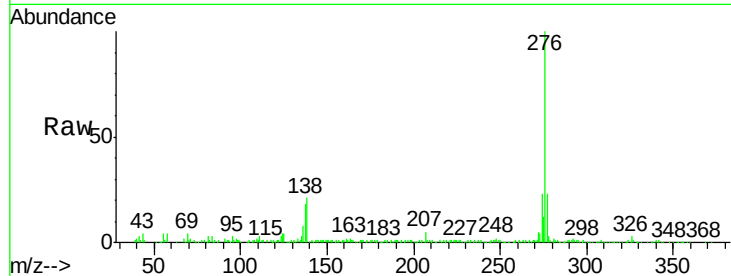
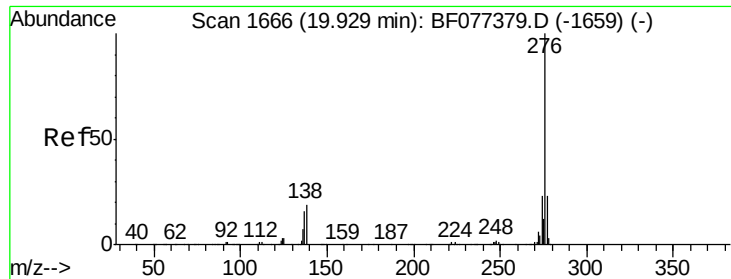
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 3.43 ng
RT: 19.28 min Scan# 1609
Delta R.T. -0.03 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	20.2	14.3	21.5
279	29.8	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 19.55 ng
 RT: 19.68 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BF077606.D
 Acq: 5 Mar 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 SB16

Tgt Ion:	276	Resp:	294774
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.9	28.3
138	20.6	20.5	30.7

Manual Integrations
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