

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077577.D
 Acq On : 4 Mar 2015 7:11
 Operator : TP/IZ
 Sample : G1332-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Manual Integrations
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Quant Time: Mar 04 12:46:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 17:05:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	107218m	20.00	ng	-0.06
21) Naphthalene-d8	8.81	136	433691m	20.00	ng	-0.07
38) Acenaphthene-d10	10.99	164	220964m	20.00	ng	-0.07
63) Phenanthrene-d10	12.83	188	416737	20.00	ng	-0.07
75) Chrysene-d12	16.13	240	425492	20.00	ng	-0.09
86) Perylene-d12	17.87	264	394700	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	460133	71.64	ng	-0.06
7) Phenol-d6	6.80	99	568467	68.84	ng	-0.06
23) Nitrobenzene-d5	7.93	82	361463m	51.83	ng	-0.07
41) 2,4,6-Tribromophenol	11.97	330	156863	73.73	ng	-0.07
44) 2-Fluorobiphenyl	10.16	172	722066	50.95	ng	-0.07
78) Terphenyl-d14	14.83	244	753406	41.39	ng	-0.07
Target Compounds						
49) Dimethylphthalate	10.67	163	38672	2.49	ng	# 96
70) Phenanthrene	12.87	178	107717m	4.46	ng	
74) Fluoranthene	14.36	202	212520m	8.05	ng	98
77) Pyrene	14.63	202	216960	8.34	ng	
80) Benzo(a)anthracene	16.11	228	125082	5.02	ng	93
82) Chrysene	16.15	228	115160	4.92	ng	96
83) Bis(2-ethylhexyl)phthalate	16.19	149	207277	12.07	ng	# 94
85) Indeno(1,2,3-cd)pyrene	19.31	276	91376m	3.42	ng	# 88
87) Benzo(b)fluoranthene	17.42	252	175013	7.63	ng	
88) Benzo(k)fluoranthene	17.45	252	63112m	2.81	ng	# 89
89) Benzo(a)pyrene	17.80	252	111404	5.10	ng	
91) Benzo(g,h,i)perylene	19.74	276	81294	3.86	ng	98

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

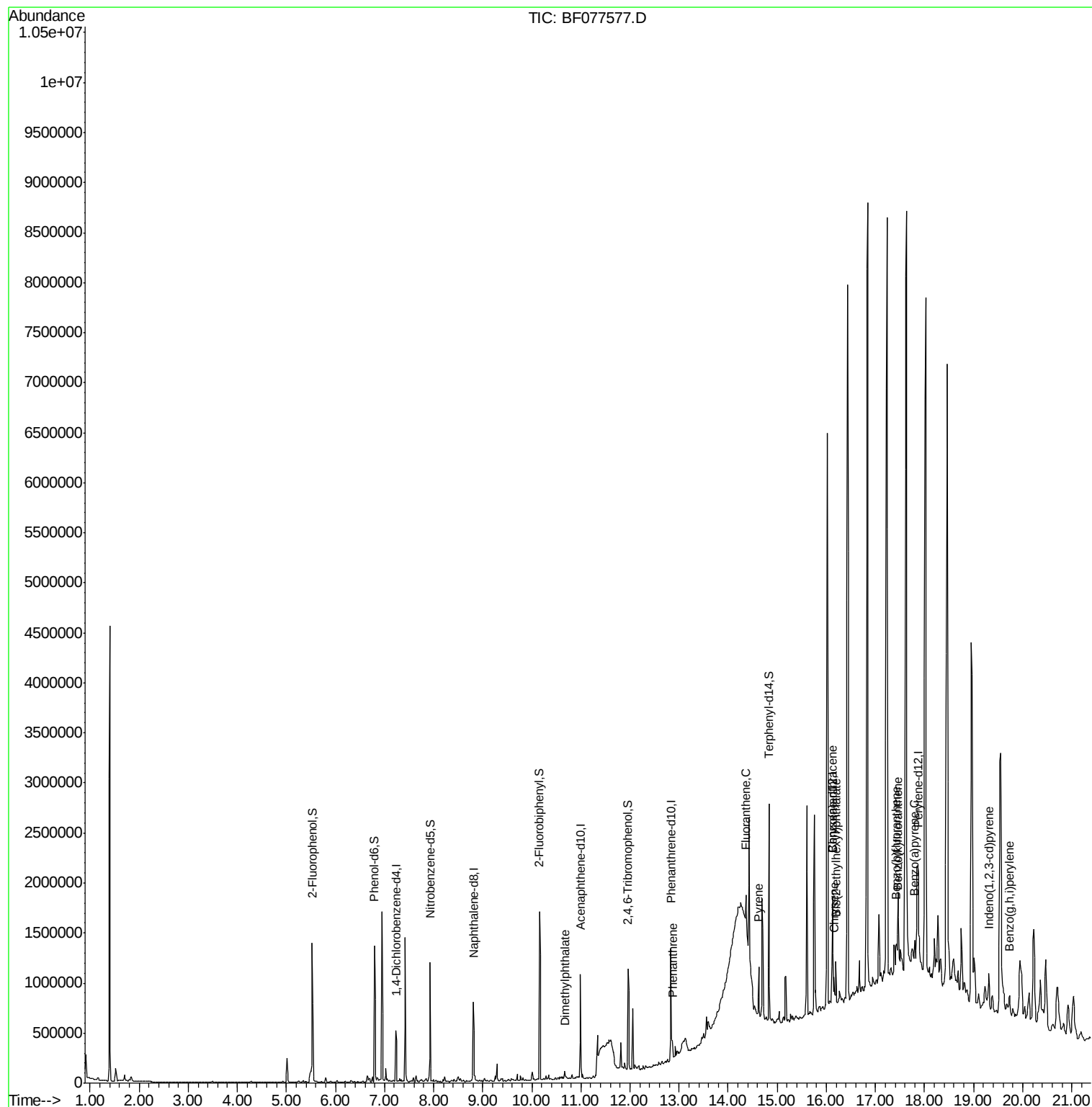
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077577.D
Acq On : 4 Mar 2015 7:11
Operator : TP/IZ
Sample : G1332-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

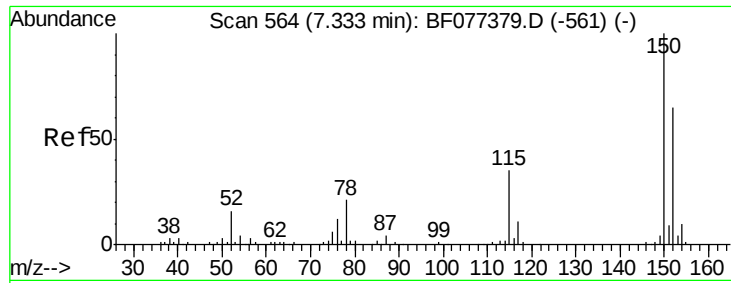
Instrument :
BNA_F
ClientSampleId :
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#1

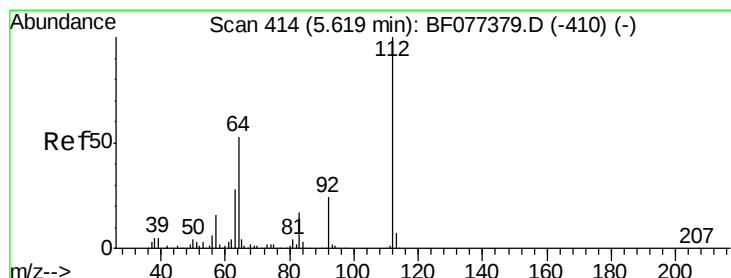
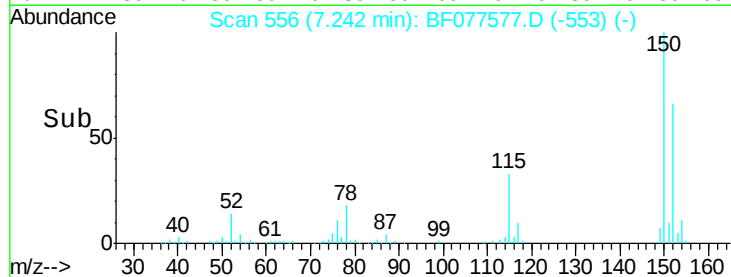
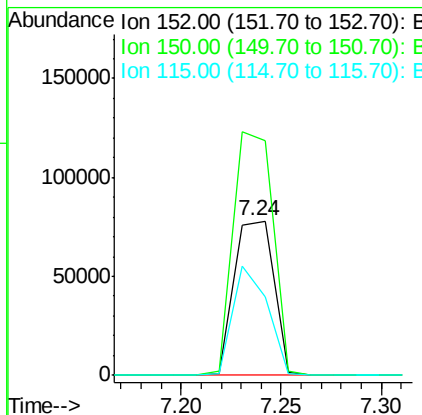
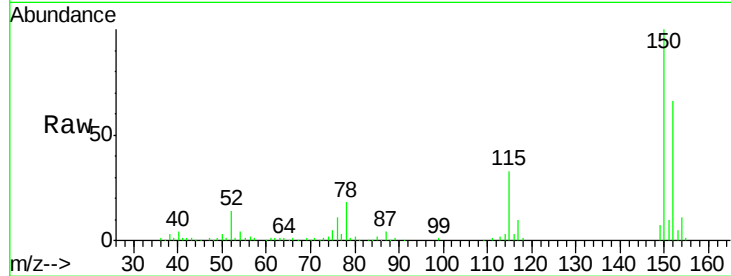
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 7.24 min Scan# 556
Delta R.T. -0.06 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	107218		
150	152.3	124.0	186.0	
115	50.8	49.4	74.2	

Manual Integrations
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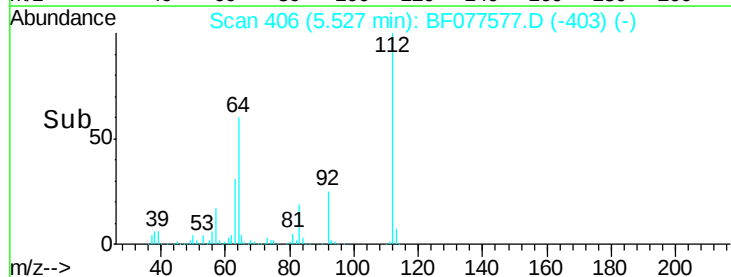
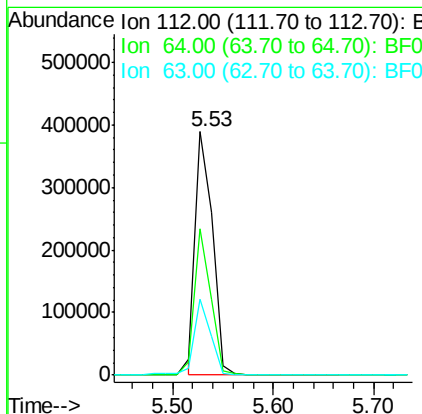
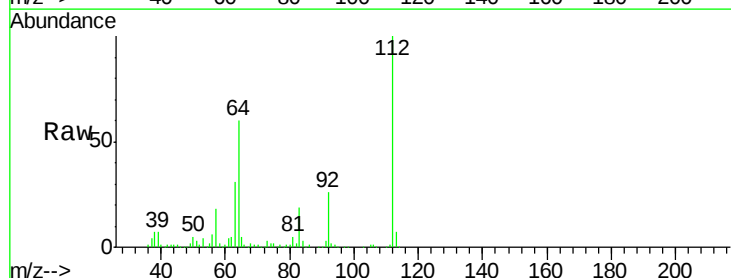
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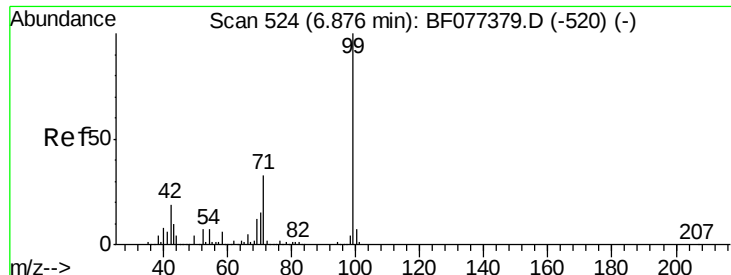


#5

2-Fluorophenol
Concen: 71.64 ng
RT: 5.53 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	460133		
64	60.4	48.5	72.7	
63	31.3	25.0	37.4	





#7

Phenol-d6

Concen: 68.84 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF077577.D

Acq: 4 Mar 2015 7:11

Instrument :

BNA_F

ClientSampleId :

SP-1

Tgt Ion: 99 Resp: 568467
Ion Ratio Lower Upper

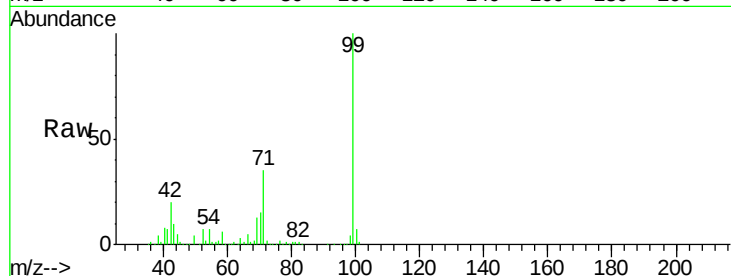
99 100

42 20.3 16.2 24.4

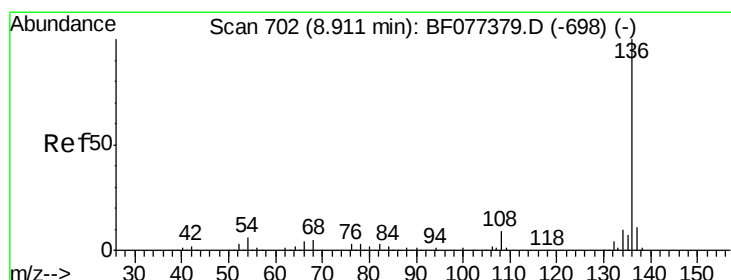
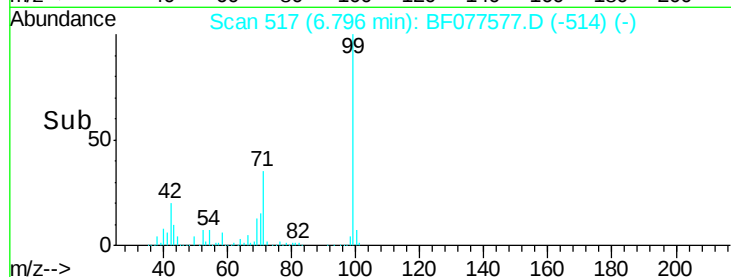
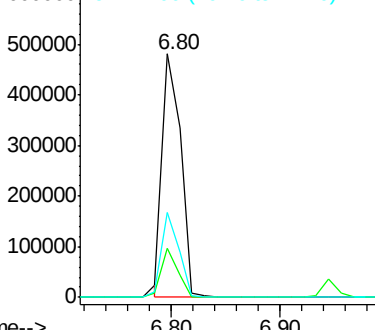
71 34.8 26.7 40.1

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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 m

RT: 8.81 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF077577.D

Acq: 4 Mar 2015 7:11

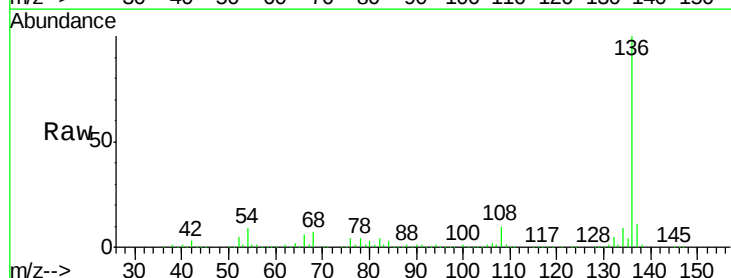
Tgt Ion: 136 Resp: 433691
Ion Ratio Lower Upper

136 100

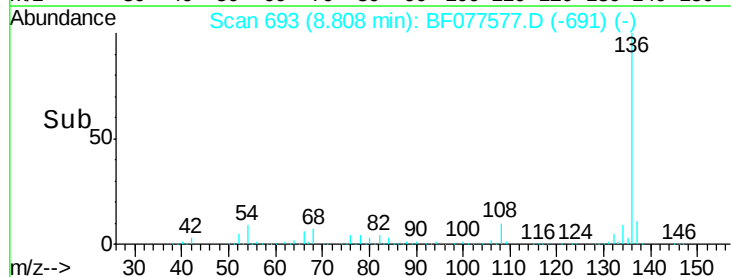
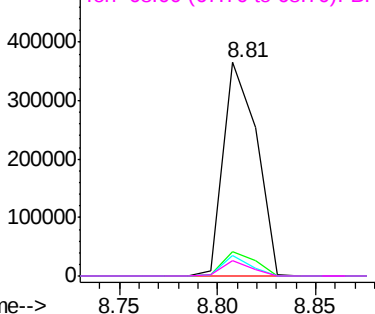
137 11.4 8.6 13.0

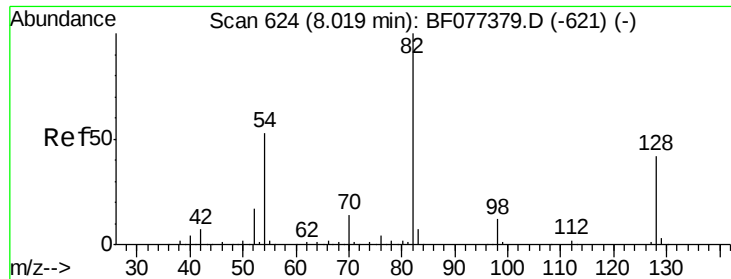
54 9.3 6.2 9.4

68 7.3 5.0 7.6



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





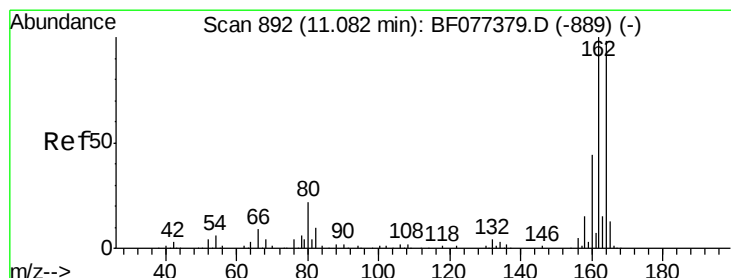
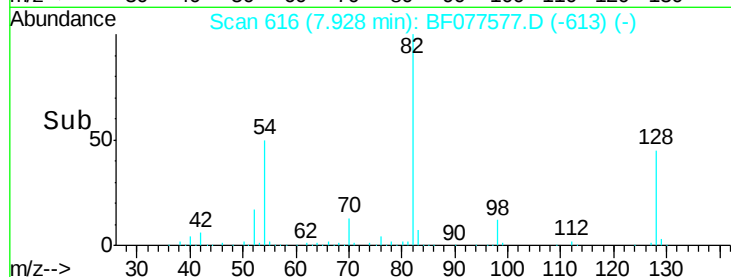
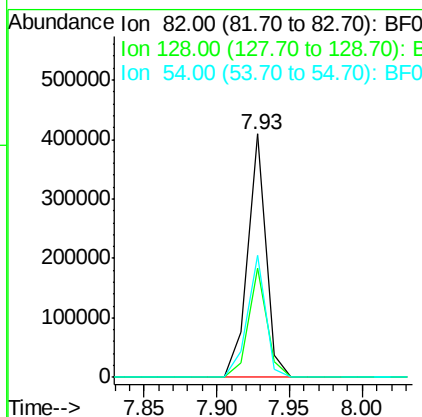
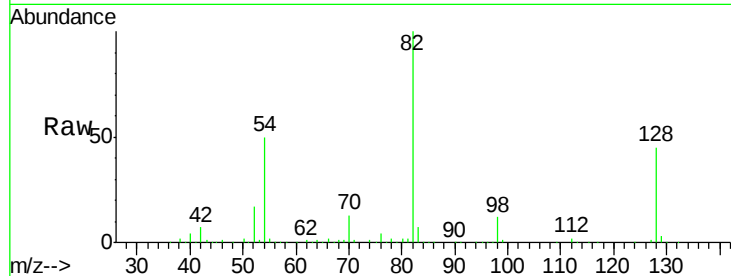
#23
 Nitrobenzene-d5
 Concen: 51.83 ng m
 RT: 7.93 min Scan# 616
 Delta R.T. -0.07 min
 Lab File: BF077577.D
 Acq: 4 Mar 2015 7:11

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	361463		
128	44.7	43.8	65.8	
54	50.2	36.7	55.1	

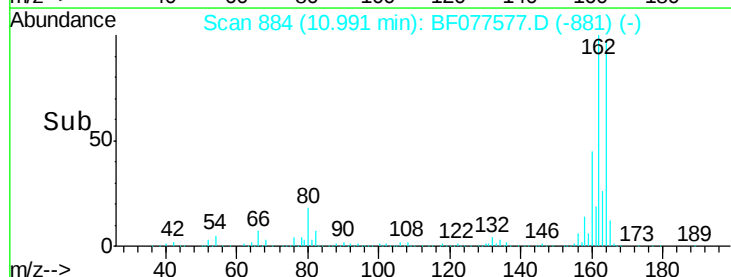
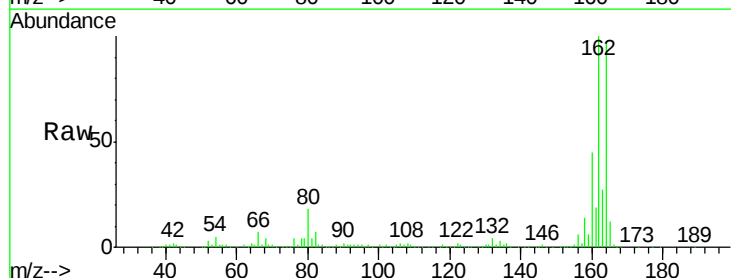
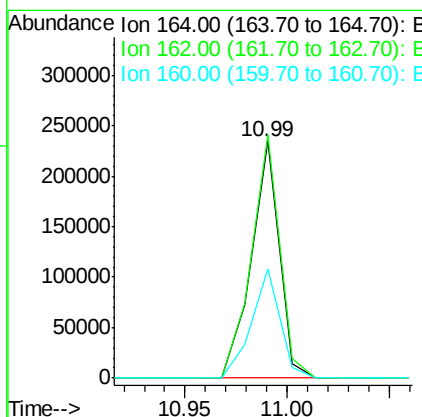
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#38
 Acenaphthene-d10
 Concen: 20.00 ng m
 RT: 10.99 min Scan# 884
 Delta R.T. -0.07 min
 Lab File: BF077577.D
 Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220964		
162	102.8	83.2	124.8	
160	46.2	34.6	52.0	





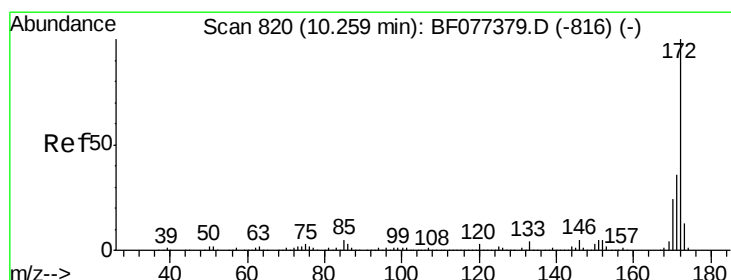
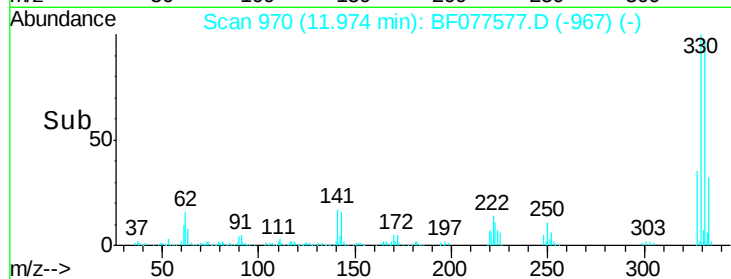
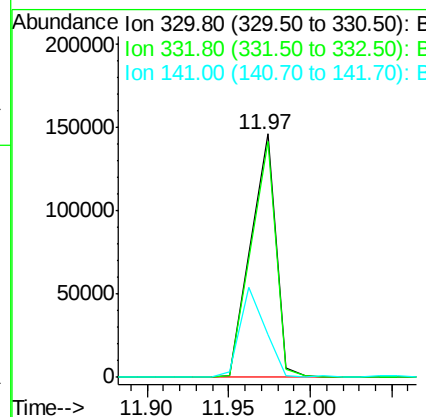
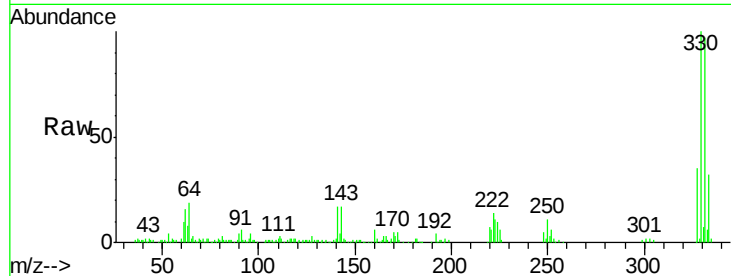
#41
 2,4,6-Tribromophenol
 Concen: 73.73 ng
 RT: 11.97 min Scan# 970
 Delta R.T. -0.07 min
 Lab File: BF077577.D
 Acq: 4 Mar 2015 7:11

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	156863		
332	96.4	77.4	116.2	
141	36.2	28.8	43.2	

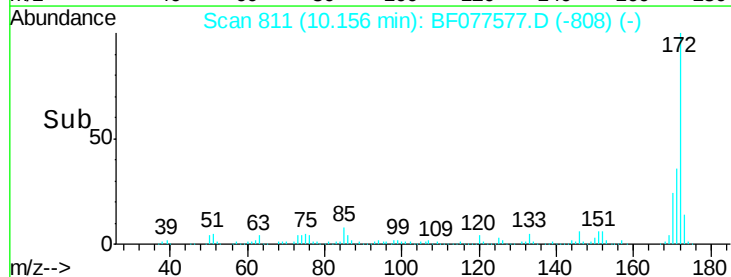
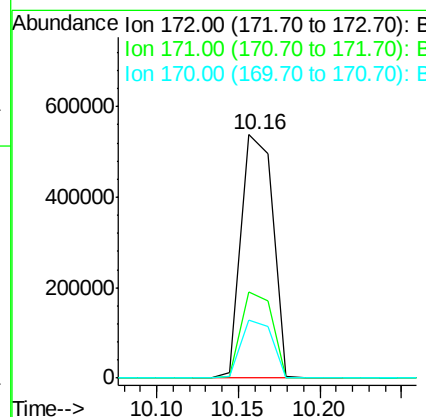
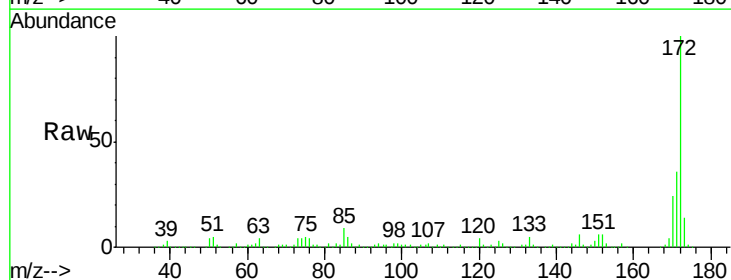
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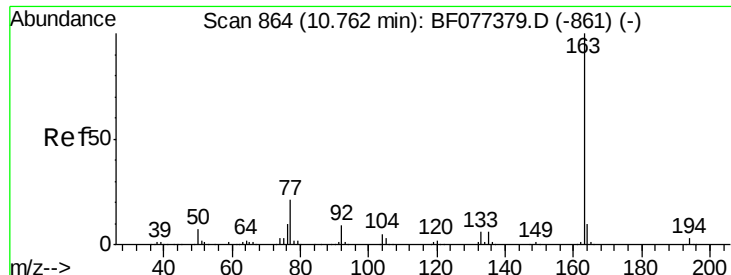
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#44
 2-Fluorobiphenyl
 Concen: 50.95 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.07 min
 Lab File: BF077577.D
 Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	722066		
171	35.6	28.9	43.3	
170	23.7	19.4	29.2	





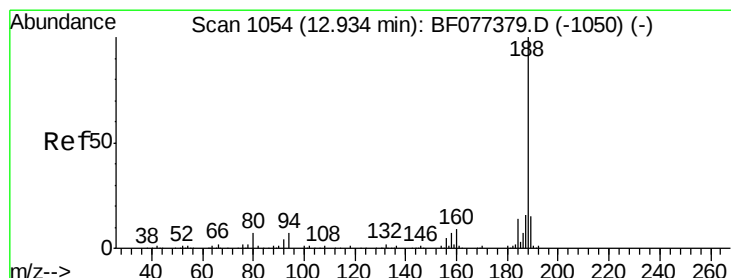
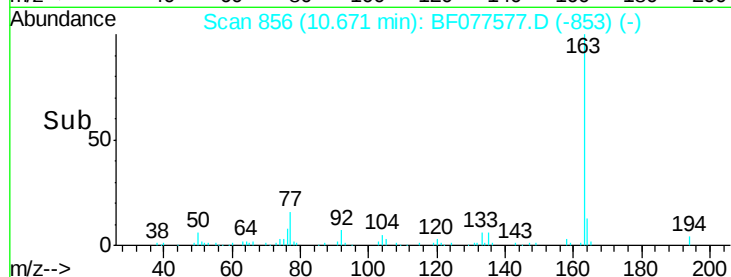
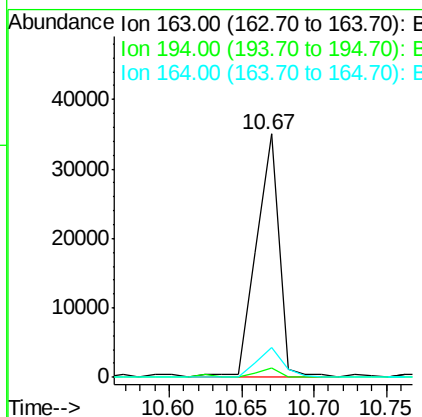
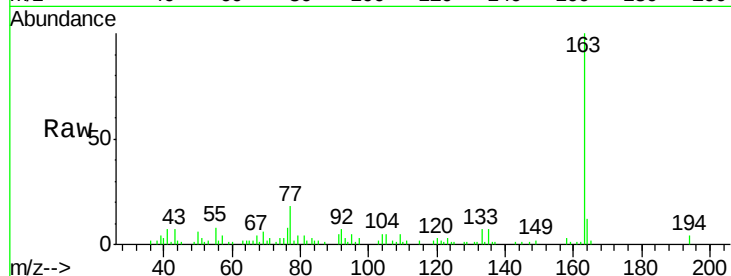
#49
Dimethylphthalate
Concen: 2.49 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.07 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	2.6	4.0#
164	12.4	8.6	13.0

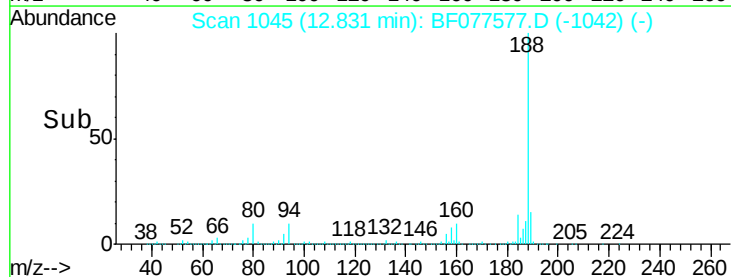
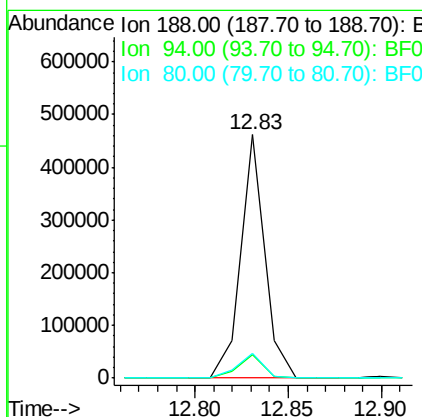
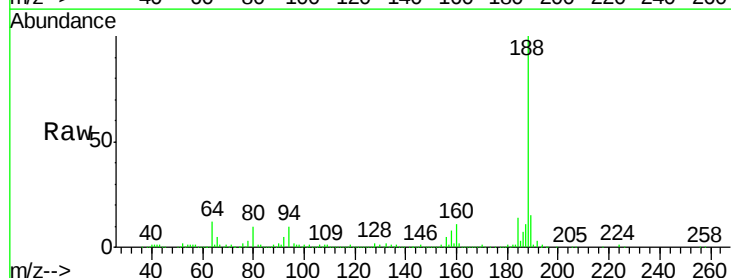
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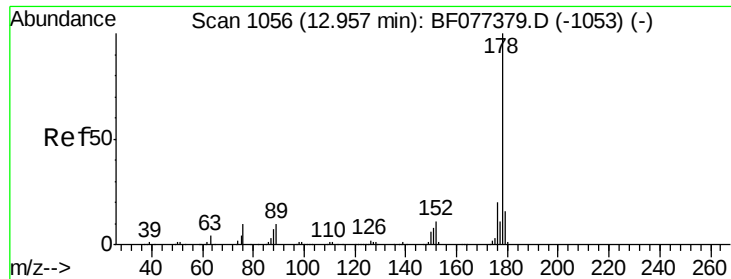
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.07 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	7.4	11.2
80	10.3	8.0	12.0





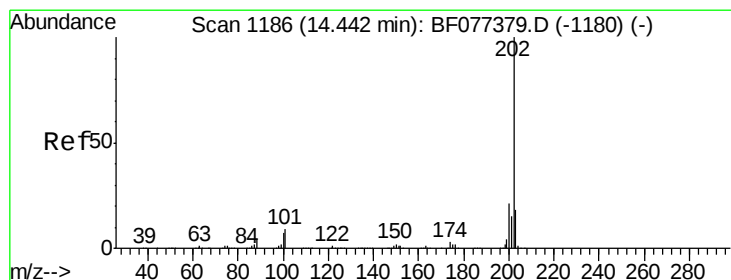
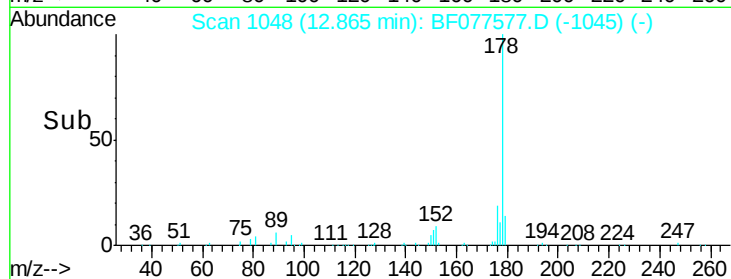
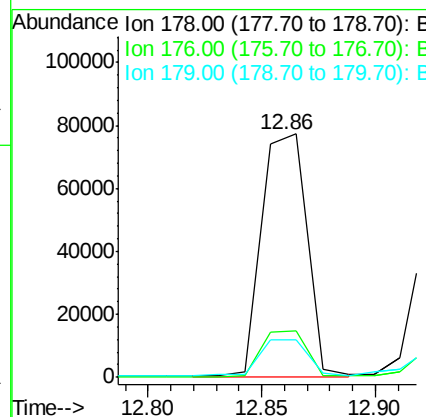
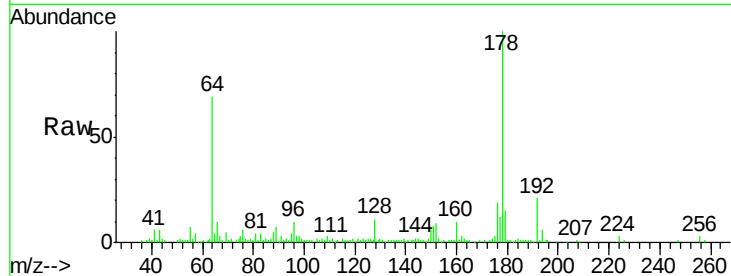
#70
Phenanthrene
Concen: 4.46 ng m
RT: 12.87 min Scan# 1048
Delta R.T. -0.06 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.4	12.2	18.2

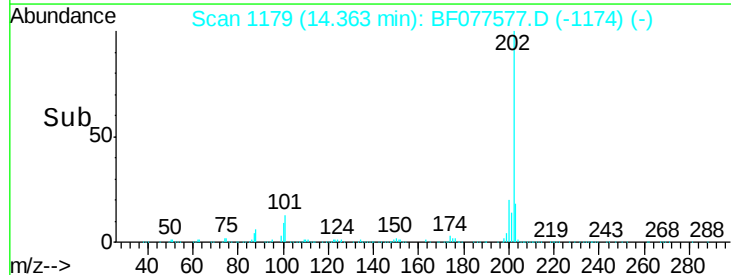
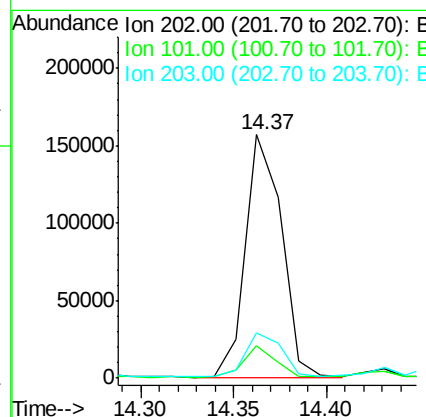
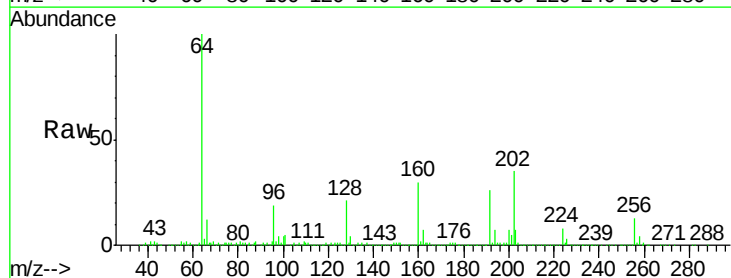
Manual Integrations
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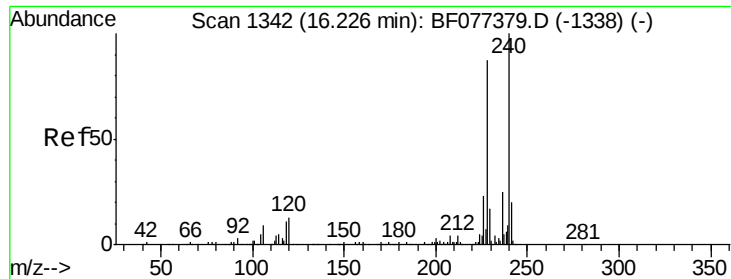
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#74
Fluoranthene
Concen: 8.05 ng m
RT: 14.36 min Scan# 1179
Delta R.T. -0.04 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.8
203	18.7	0.0	37.7





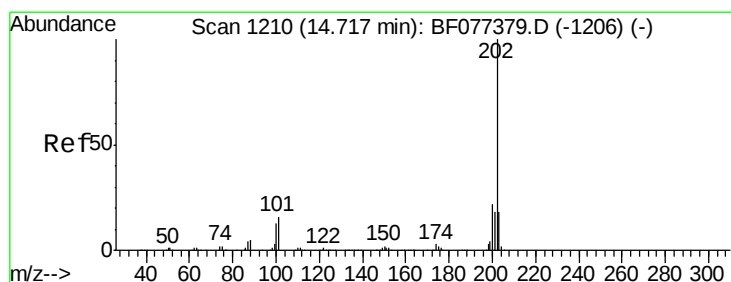
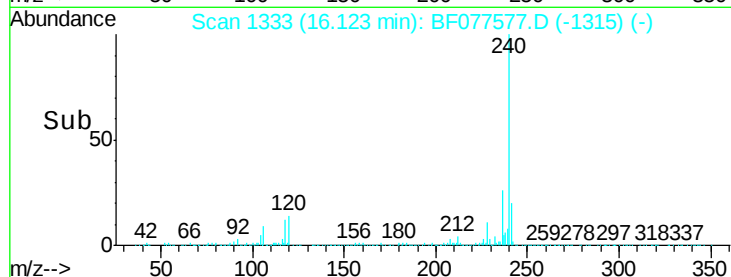
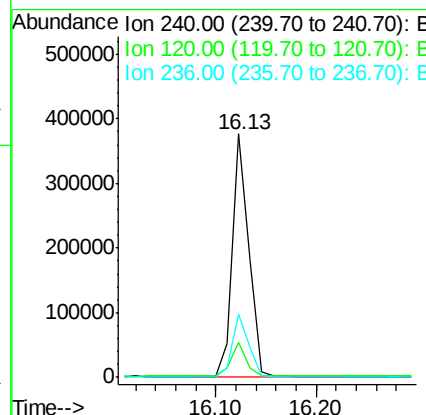
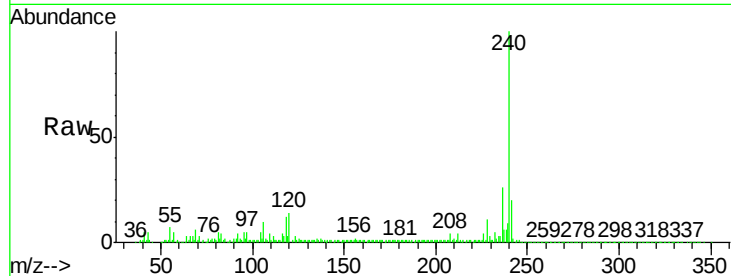
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.13 min Scan# 1333
Delta R.T. -0.09 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	425492		
120	14.2	8.8	13.2#	
236	26.2	20.7	31.1	

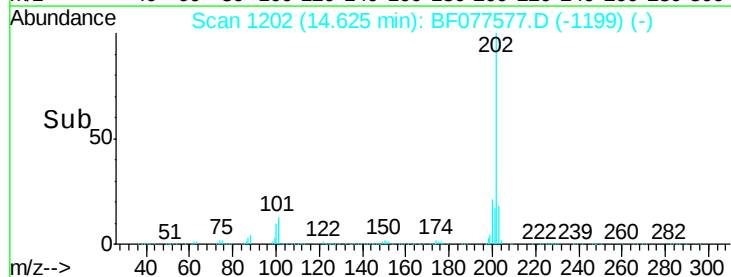
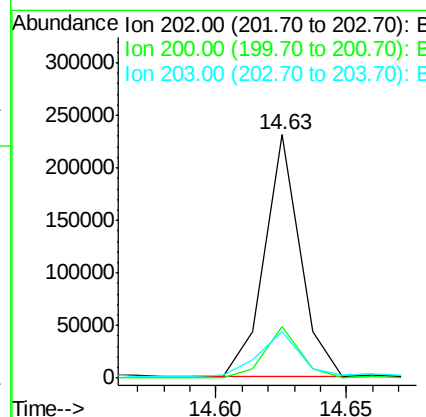
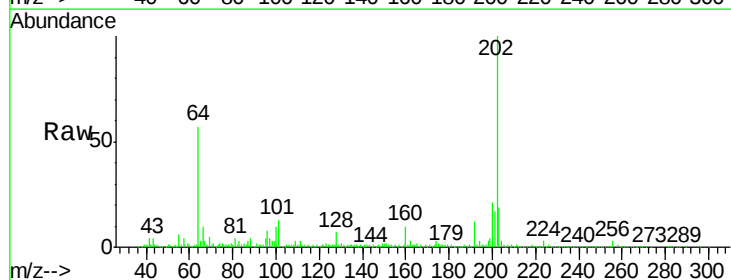
Manual Integrations
APPROVED

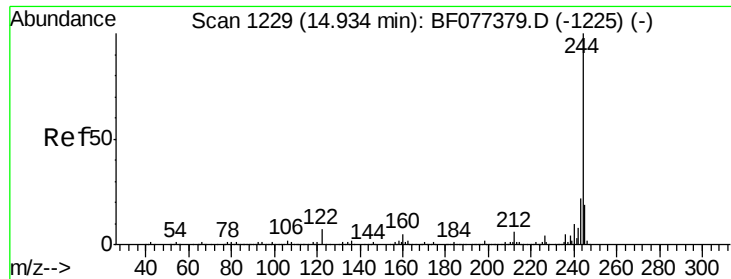
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#77
Pyrene
Concen: 8.34 ng
RT: 14.63 min Scan# 1202
Delta R.T. -0.06 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	216960		
200	21.1	17.1	25.7	
203	19.0	14.2	21.2	





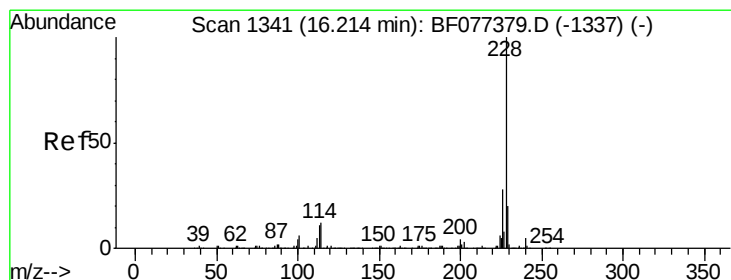
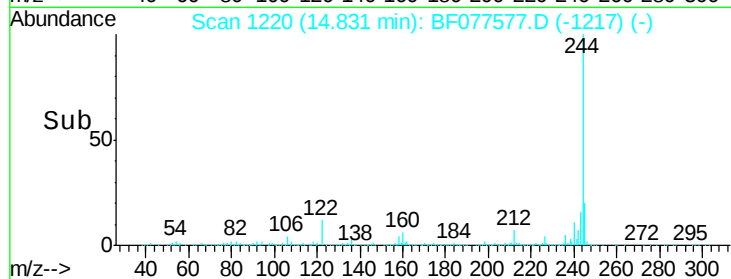
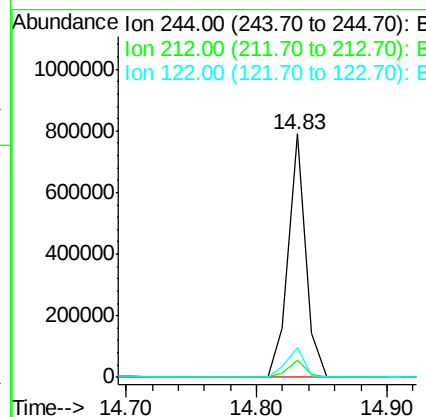
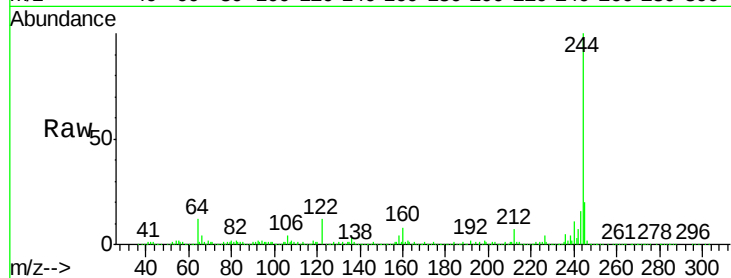
#78
 Terphenyl-d14
 Concen: 41.39 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. -0.07 min
 Lab File: BF077577.D
 Acq: 4 Mar 2015 7:11

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.2	7.8
122	12.4	7.8	11.8

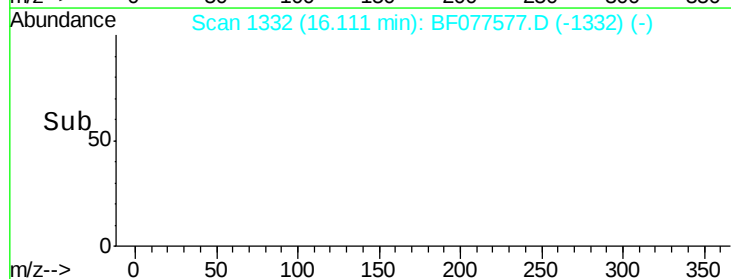
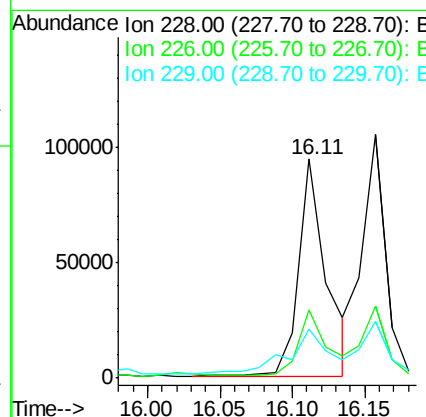
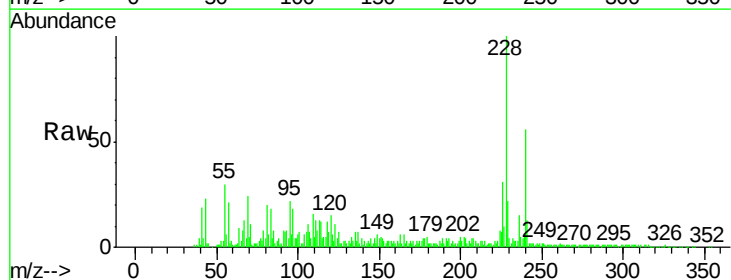
Manual Integrations
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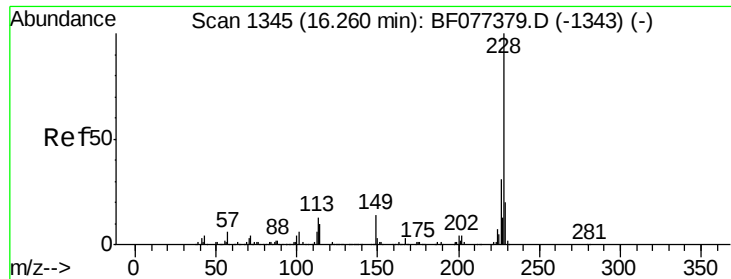
mohammad
 3/4/2015 4:42:43 PM



#80
 Benzo(a)anthracene
 Concen: 5.02 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. -0.09 min
 Lab File: BF077577.D
 Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	22.0	33.0
229	22.3	15.8	23.8





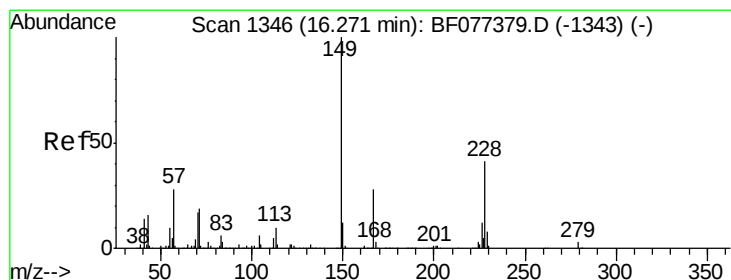
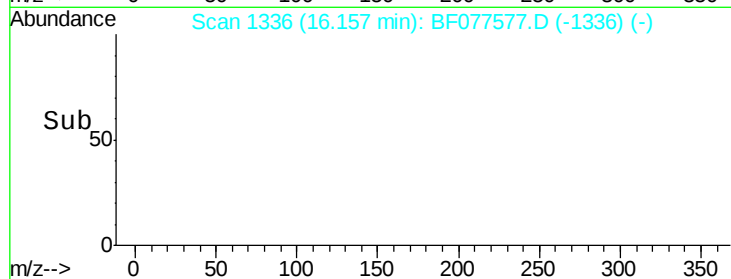
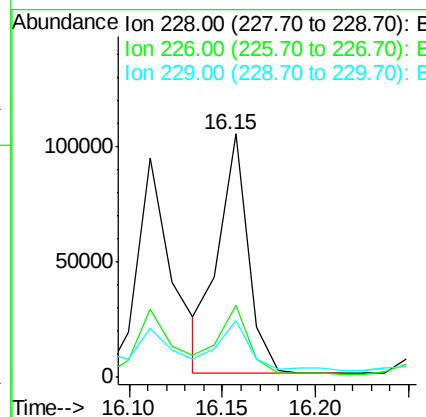
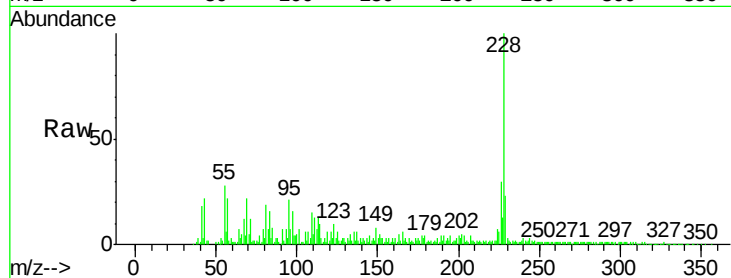
#82
Chrysene
Concen: 4.92 ng
RT: 16.15 min Scan# 1336
Delta R.T. -0.10 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.6	24.9	37.3
229	23.5	16.4	24.6

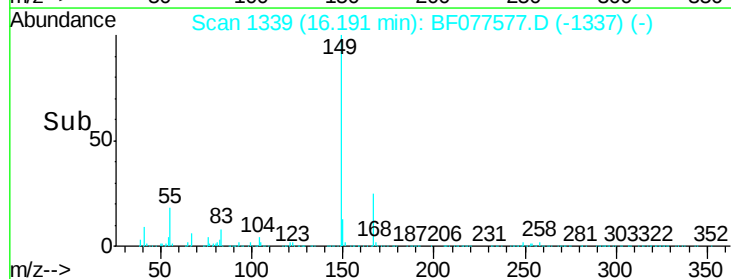
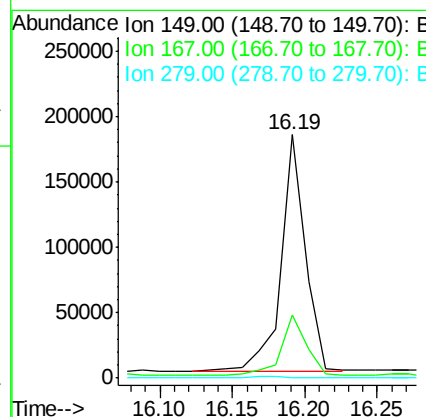
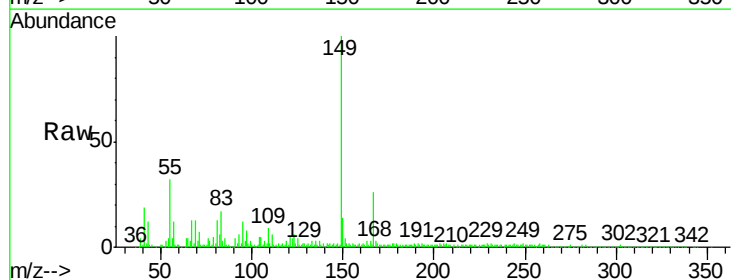
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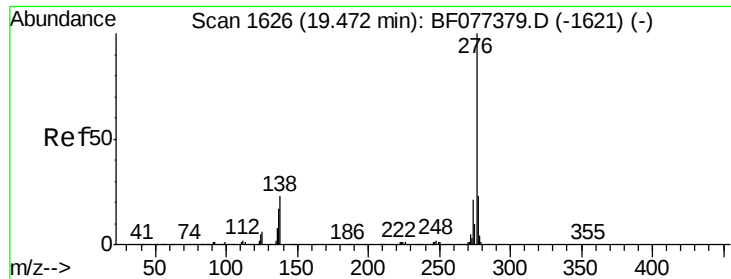
mohammad
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#83
Bis(2-ethylhexyl)phthalate
Concen: 12.07 ng
RT: 16.19 min Scan# 1339
Delta R.T. -0.08 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.8	22.8	34.2
279	0.4	3.8	5.6#





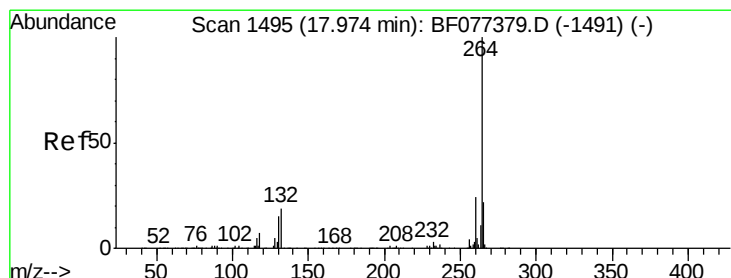
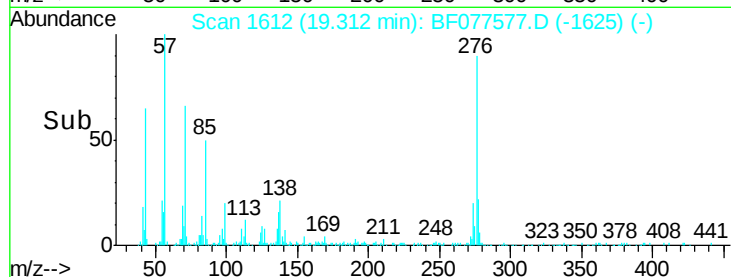
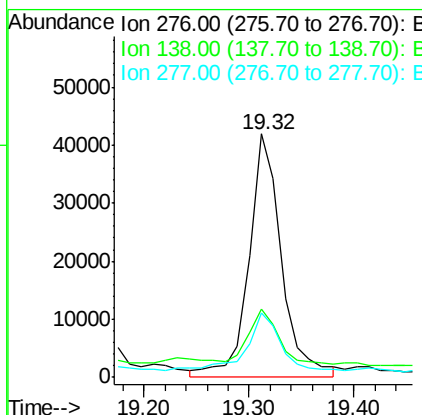
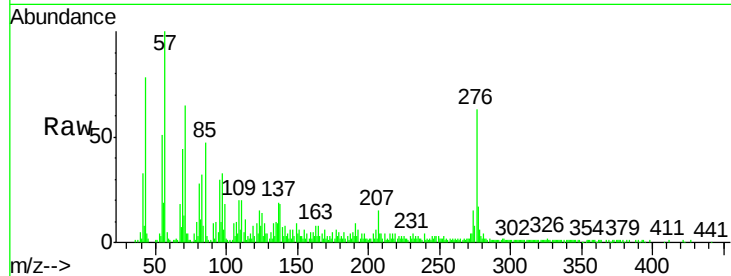
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.42 ng m
RT: 19.31 min Scan# 1612
Delta R.T. -0.25 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.2	31.8#
277	1.4	20.0	30.0#

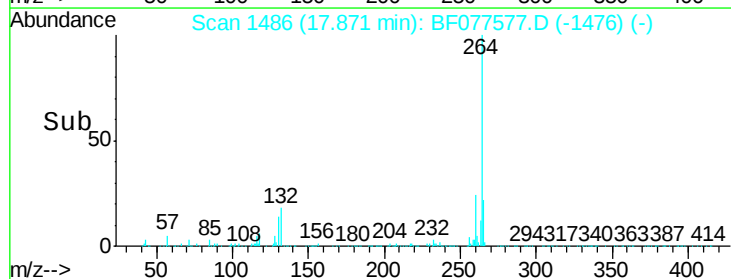
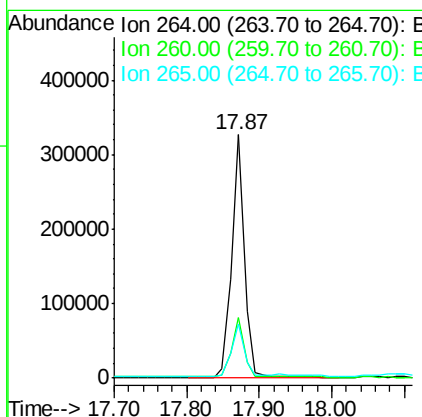
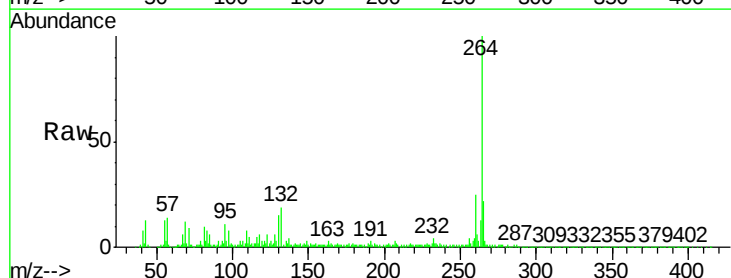
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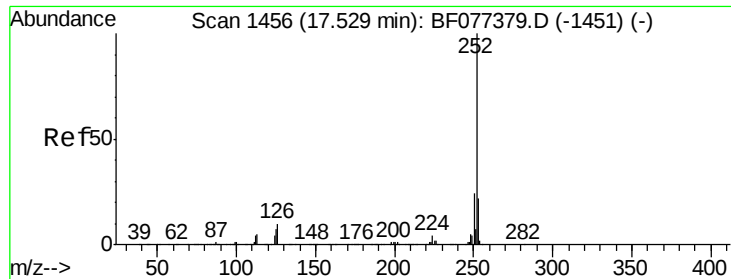
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1486
Delta R.T. -0.18 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	22.4	16.8	25.2





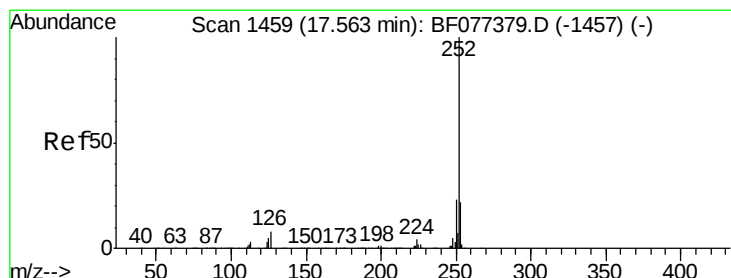
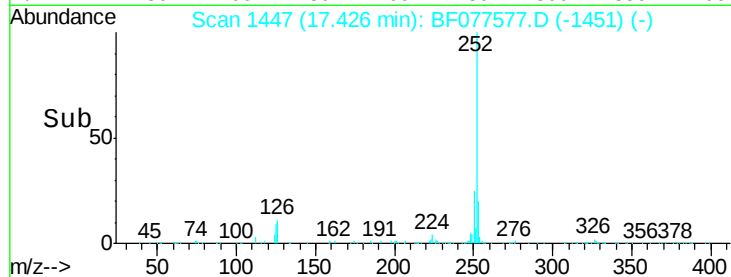
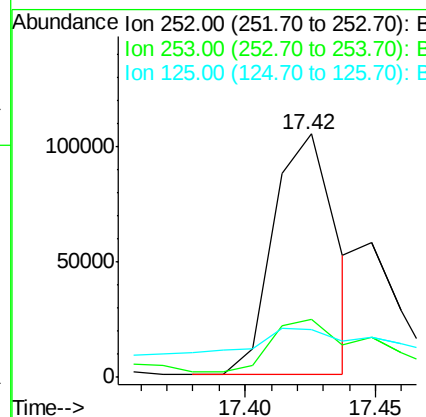
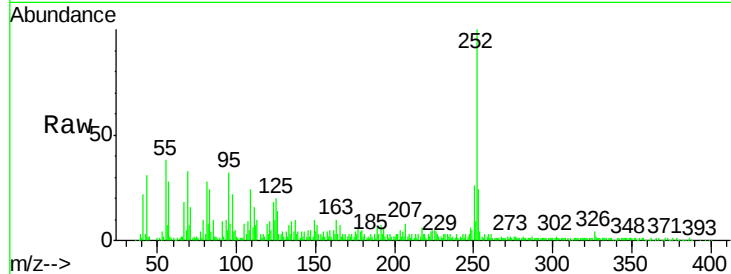
#87
Benzo(b)fluoranthene
Concen: 7.63 ng
RT: 17.42 min Scan# 1447
Delta R.T. -0.15 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.7	17.6	26.4
125	19.6	5.4	8.2

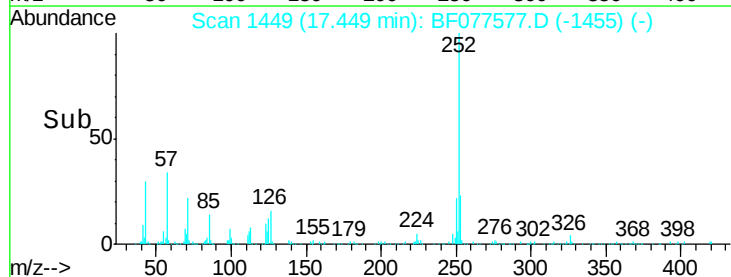
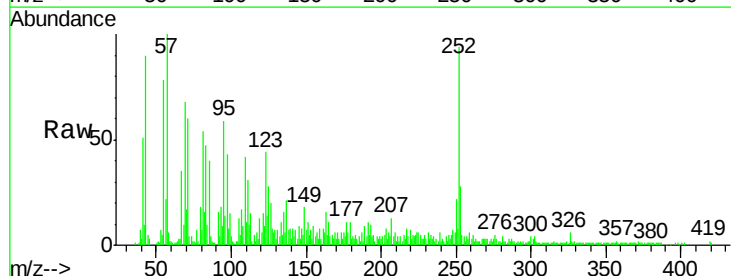
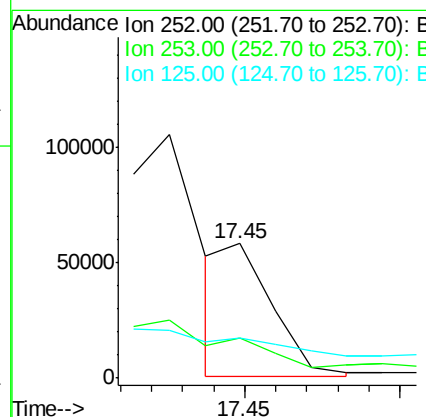
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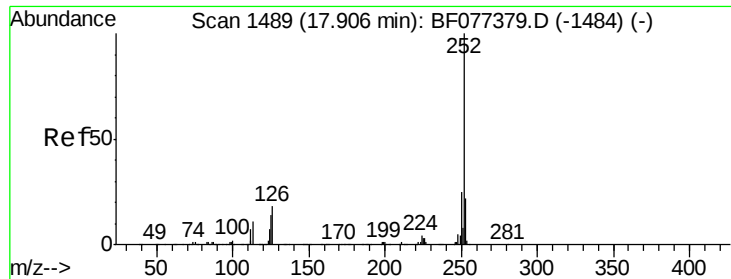
mohammad
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#88
Benzo(k)fluoranthene
Concen: 2.81 ng m
RT: 17.45 min Scan# 1449
Delta R.T. -0.17 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	29.7	18.1	27.1
125	29.9	10.1	15.1





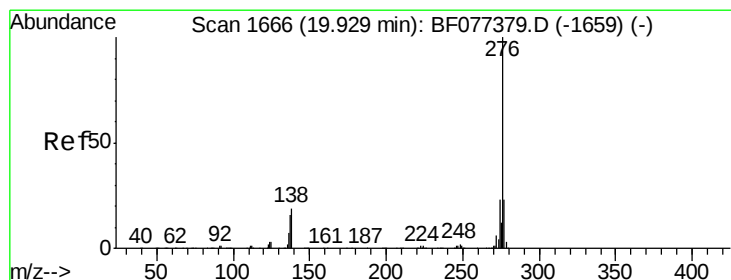
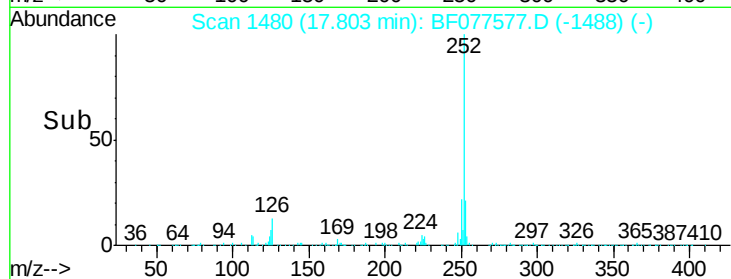
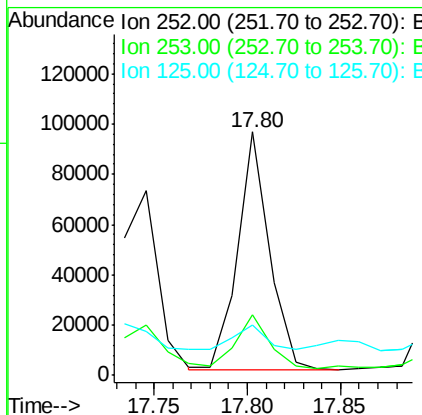
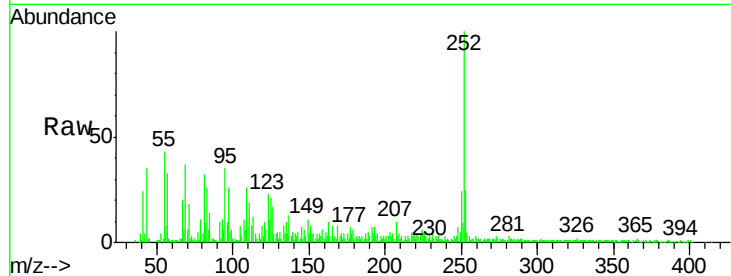
#89
Benzo(a)pyrene
Concen: 5.10 ng
RT: 17.80 min Scan# 1480
Delta R.T. -0.19 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.7	18.2	27.2
125	20.6	8.3	12.5

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.86 ng
RT: 19.74 min Scan# 1650
Delta R.T. -0.25 min
Lab File: BF077577.D
Acq: 4 Mar 2015 7:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.2	18.9	28.3
138	26.4	20.5	30.7

