

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077530.D
 Acq On : 2 Mar 2015 18:56
 Operator : TP/IZ
 Sample : G1399-05
 Misc : S
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Manual Integrations
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Quant Time: Mar 03 05:52:47 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 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	93207	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	373096	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	181061	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	357464	20.00	ng	0.00
75) Chrysene-d12	16.17	240	400648	20.00	ng	0.03
86) Perylene-d12	17.99	264	383742	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	494277	88.53	ng	0.01
7) Phenol-d6	6.82	99	607817	84.67	ng	0.00
23) Nitrobenzene-d5	7.95	82	349992	58.33	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	158938	91.17	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	747156	64.34	ng	0.00
78) Terphenyl-d14	14.85	244	863425	50.38	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	10.84	152	41997	2.47	ng	98
49) Dimethylphthalate	10.69	163	34645	2.72	ng	# 98
70) Phenanthrene	12.89	178	132519	6.40	ng	100
71) Anthracene	12.95	178	50729	2.47	ng	99
74) Fluoranthene	14.36	202	428885	18.95	ng	98
77) Pyrene	14.64	202	468560	19.12	ng	100
80) Benzo(a)anthracene	16.16	228	256635m	10.93	ng	
82) Chrysene	16.19	228	240086m	10.89	ng	
85) Indeno(1,2,3-cd)pyrene	19.45	276	125857m	5.01	ng	
87) Benzo(b)fluoranthene	17.52	252	318981m	14.29	ng	
88) Benzo(k)fluoranthene	17.55	252	66419m	3.04	ng	
89) Benzo(a)pyrene	17.92	252	212377m	9.99	ng	
91) Benzo(g,h,i)perylene	19.89	276	115794	5.66	ng	98

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

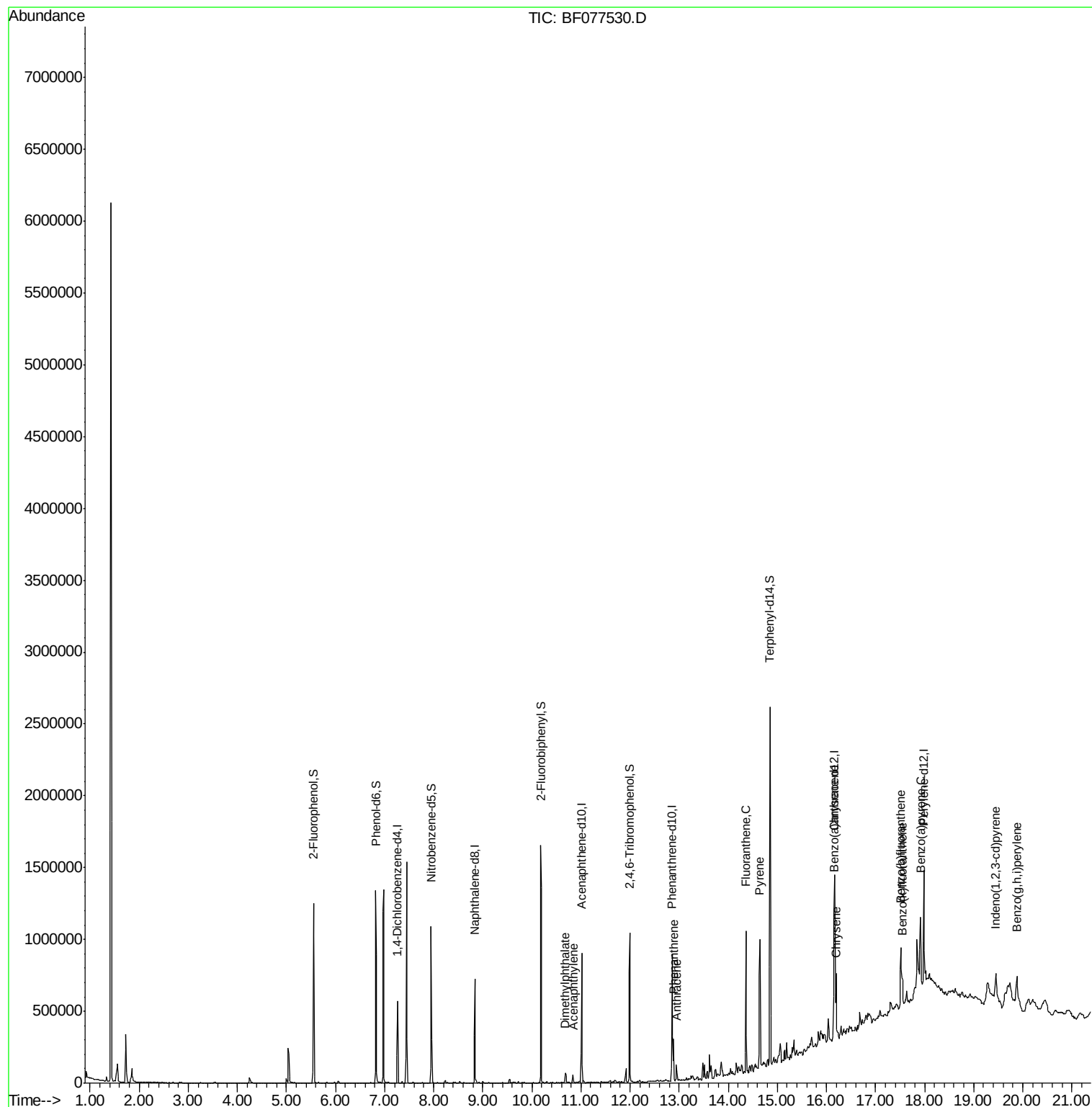
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077530.D
Acq On : 2 Mar 2015 18:56
Operator : TP/IZ
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Misc : S
ALS Vial : 11 Sample Multiplier: 1

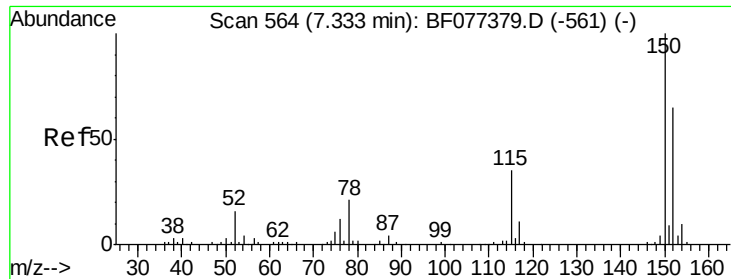
Instrument :
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Quant Time: Mar 03 05:52:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

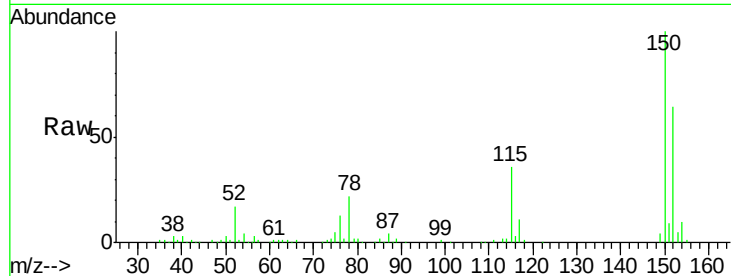
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

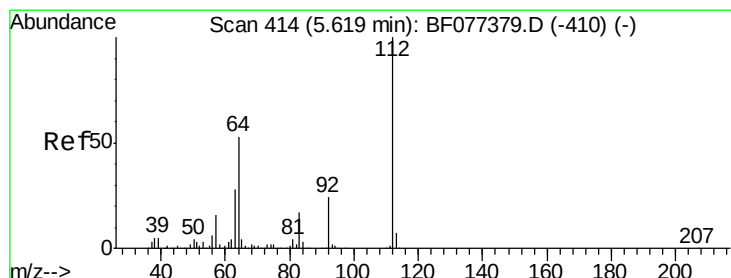
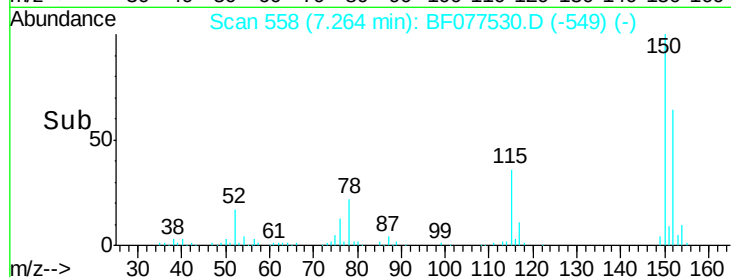
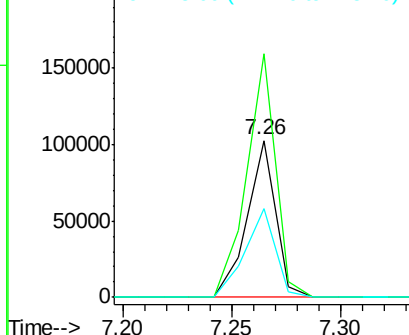
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.0	186.0
115	56.5	49.4	74.2

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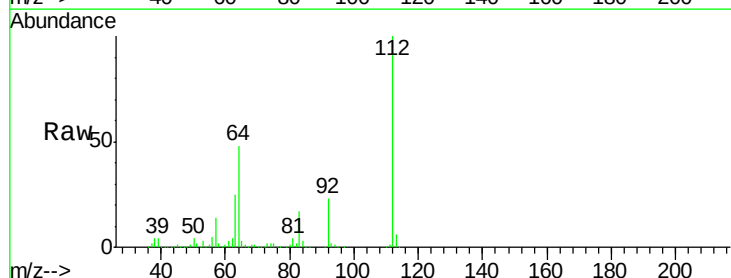
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



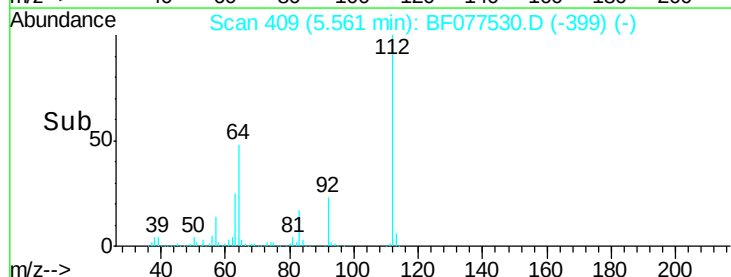
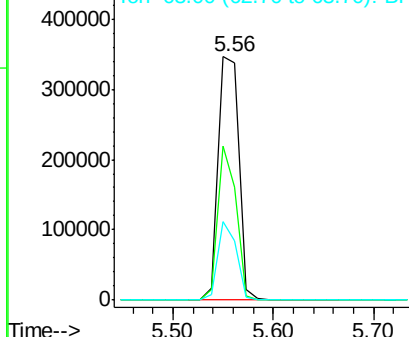
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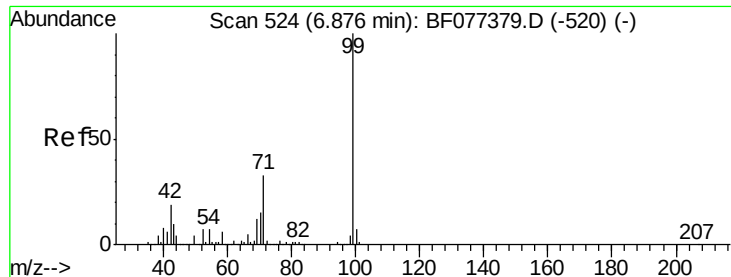
2-Fluorophenol
Concen: 88.53 ng
RT: 5.56 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.6	48.5	72.7#
63	24.9	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: 84.67 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF077530.D

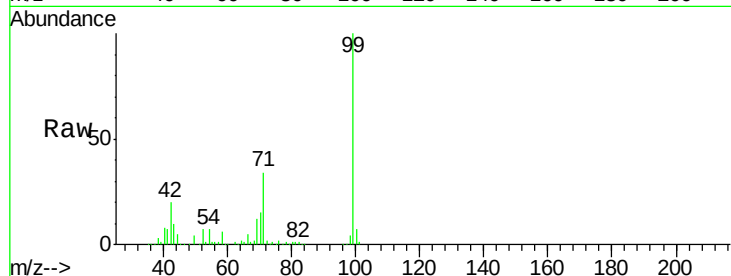
Acq: 2 Mar 2015 18:56

Instrument :

BNA_F

ClientSampleId :

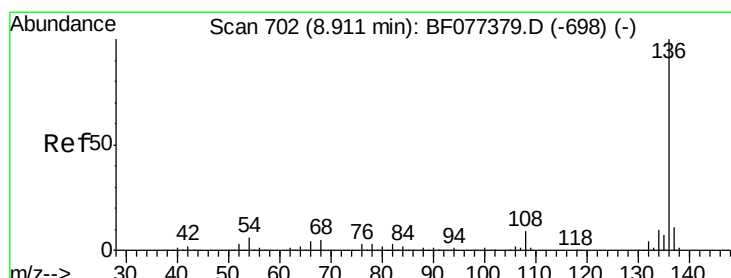
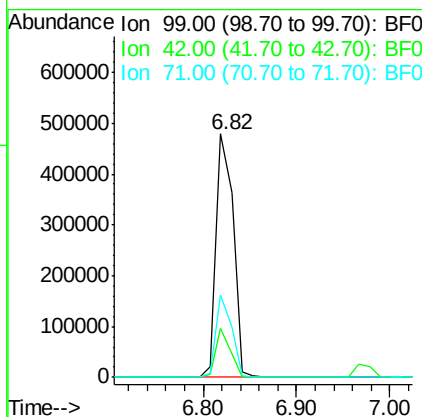
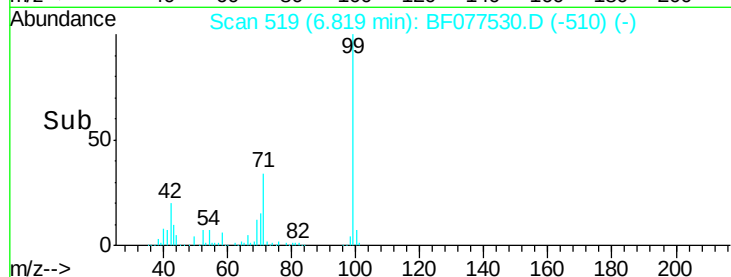
SB13



Tgt Ion:	99	Resp:	607817
Ion Ratio	Lower	Upper	
99	100		
42	20.0	16.2	24.4
71	34.0	26.7	40.1

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#21

Naphthalene-d8

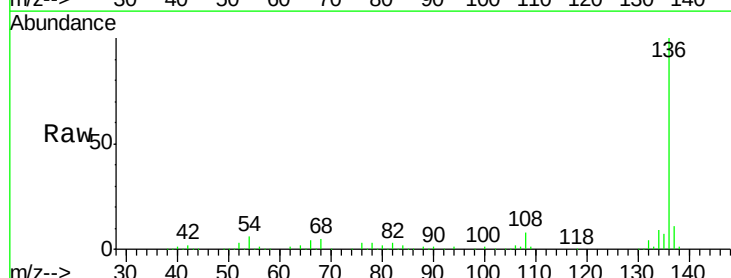
Concen: 20.00 ng

RT: 8.84 min Scan# 696

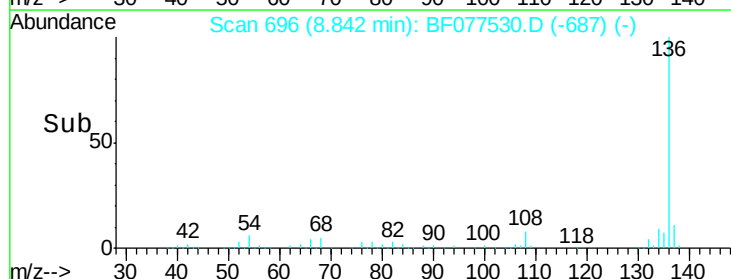
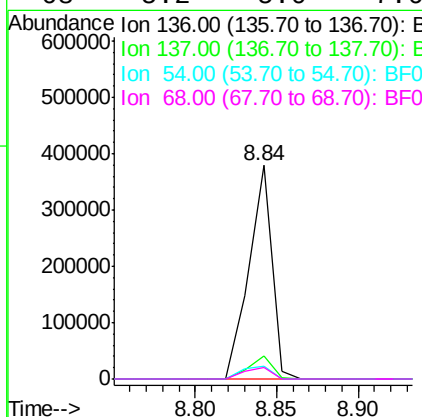
Delta R.T. 0.00 min

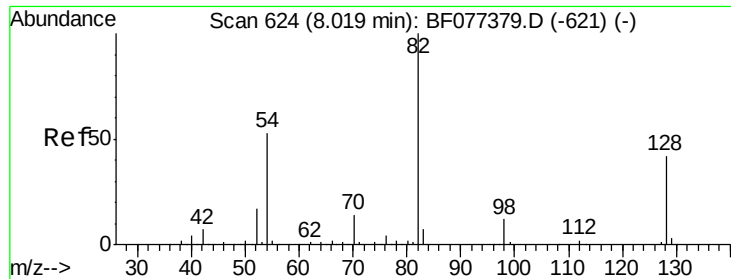
Lab File: BF077530.D

Acq: 2 Mar 2015 18:56



Tgt Ion:	136	Resp:	373096
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	5.9	6.2	9.4
68	5.2	5.0	7.6





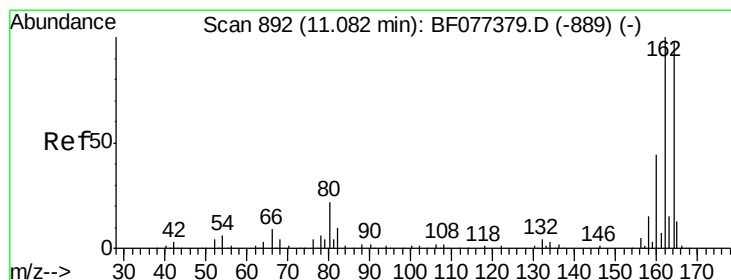
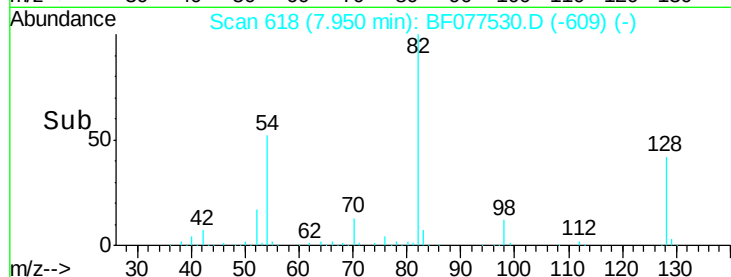
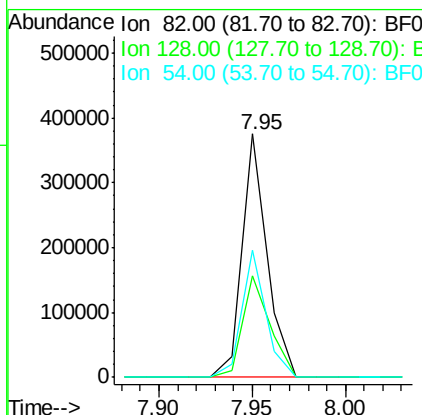
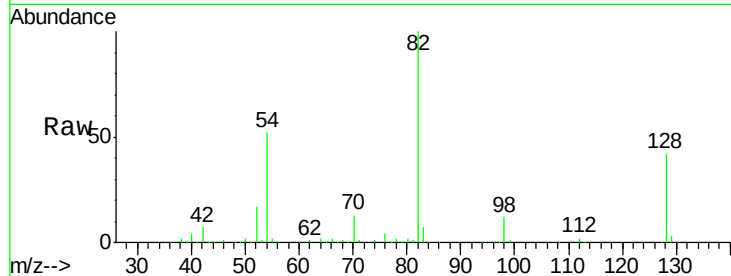
#23
 Nitrobenzene-d5
 Concen: 58.33 ng
 RT: 7.95 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF077530.D
 Acq: 2 Mar 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	349992		
128	41.9	43.8	65.8#	
54	52.2	36.7	55.1	

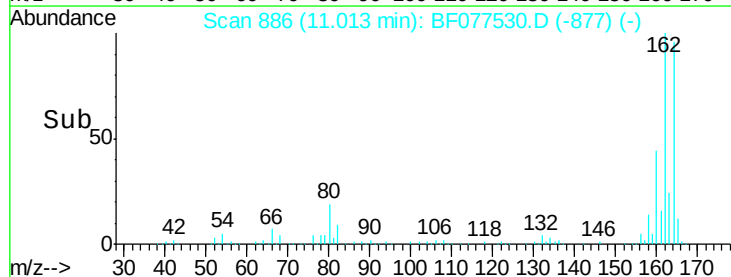
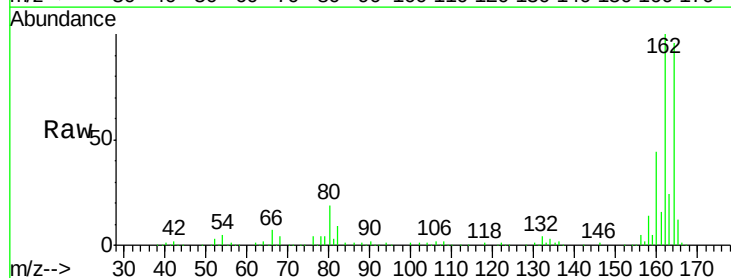
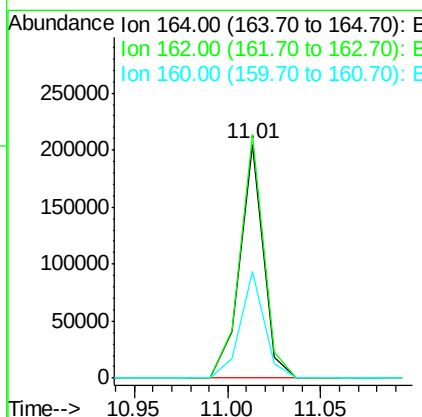
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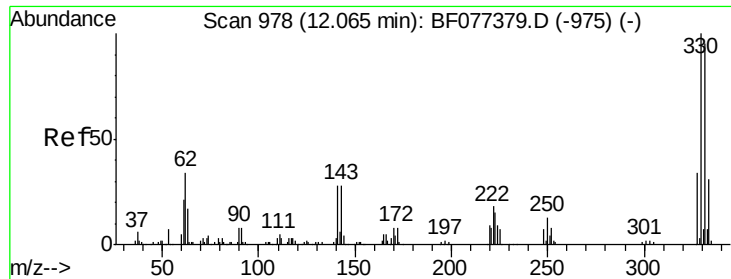
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077530.D
 Acq: 2 Mar 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181061		
162	104.3	83.2	124.8	
160	45.6	34.6	52.0	





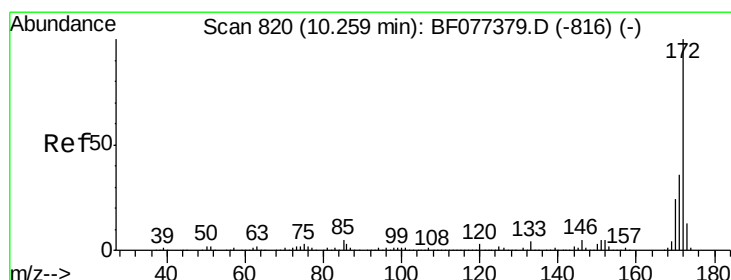
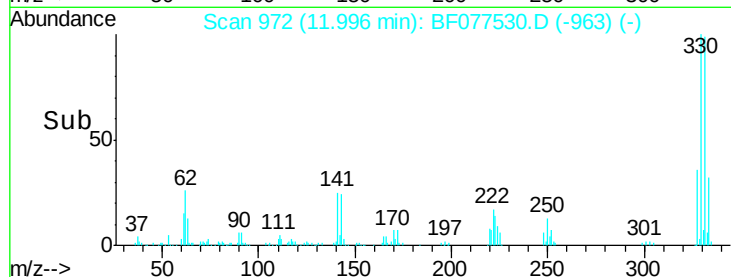
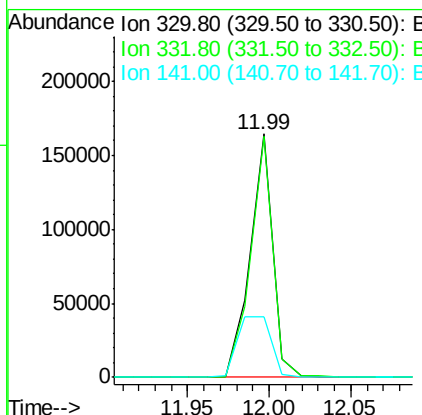
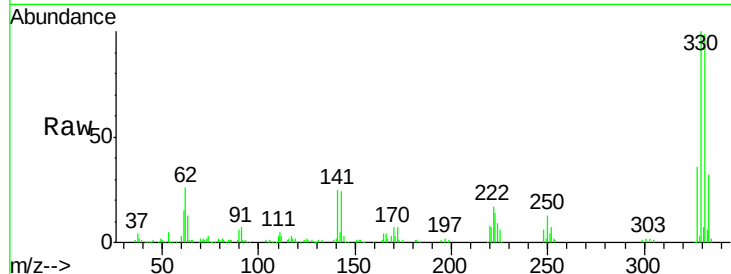
#41
 2,4,6-Tribromophenol
 Concen: 91.17 ng
 RT: 11.99 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF077530.D
 Acq: 2 Mar 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	158938		
332	97.8	77.4	116.2	
141	37.2	28.8	43.2	

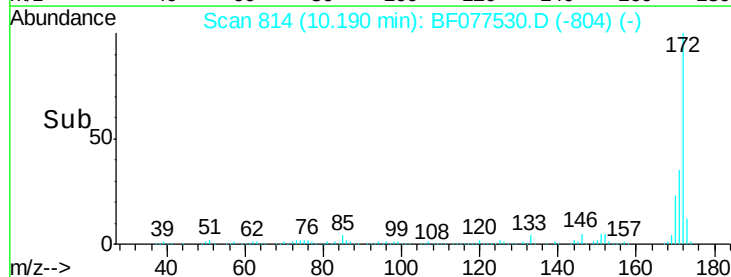
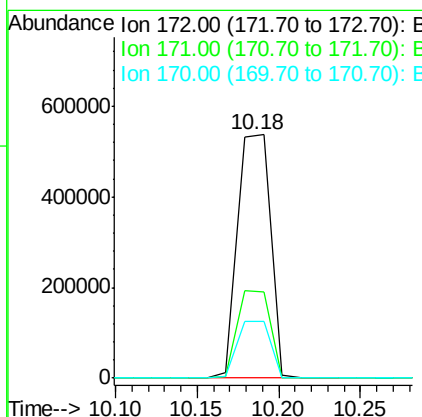
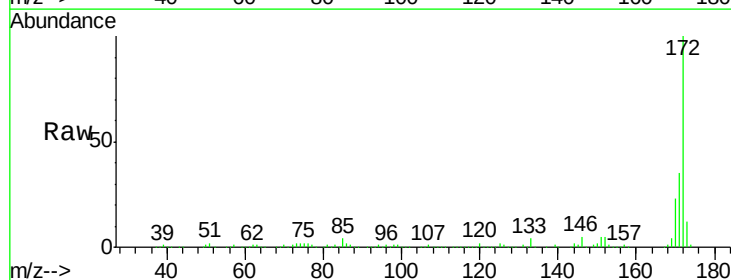
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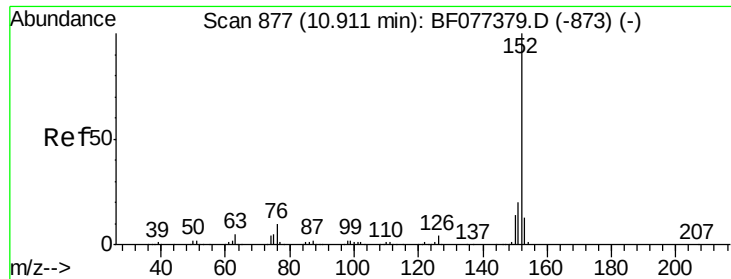
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#44
 2-Fluorobiphenyl
 Concen: 64.34 ng
 RT: 10.18 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077530.D
 Acq: 2 Mar 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	747156		
171	35.2	28.9	43.3	
170	23.4	19.4	29.2	





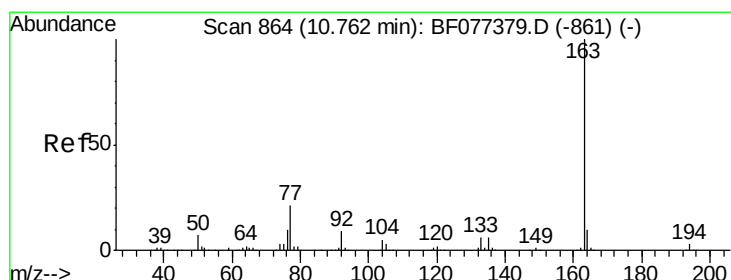
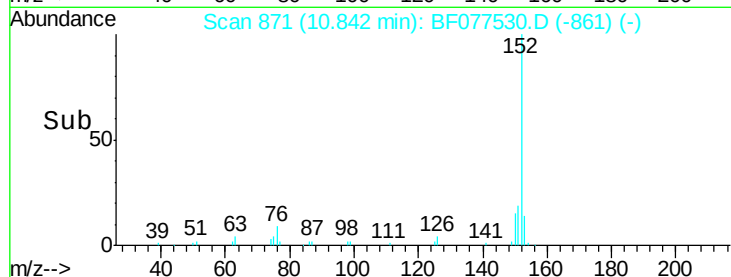
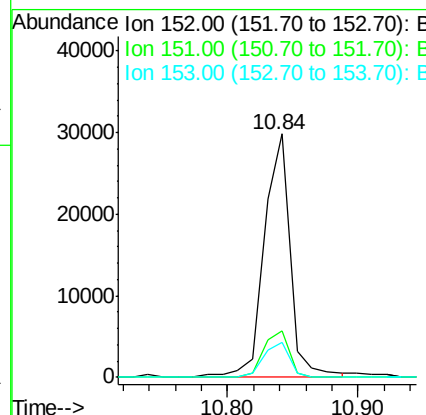
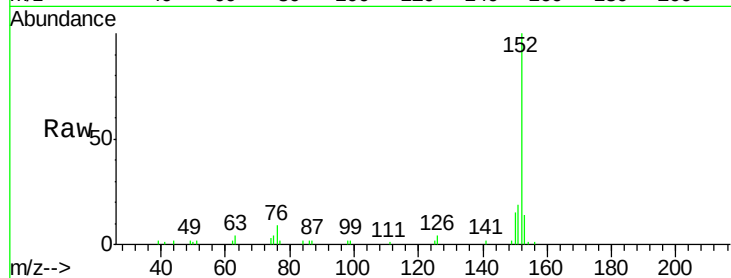
#48
Acenaphthylene
Concen: 2.47 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.1	24.1
153	14.2	10.9	16.3

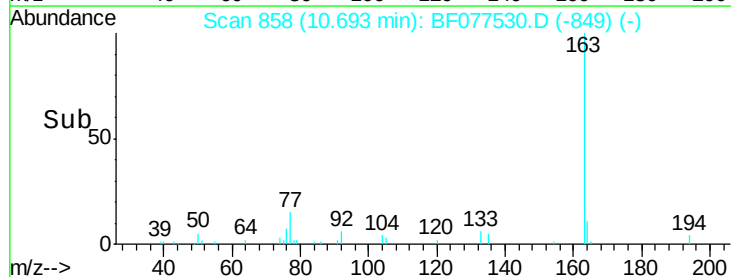
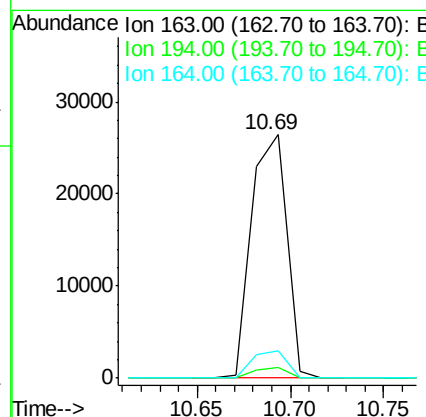
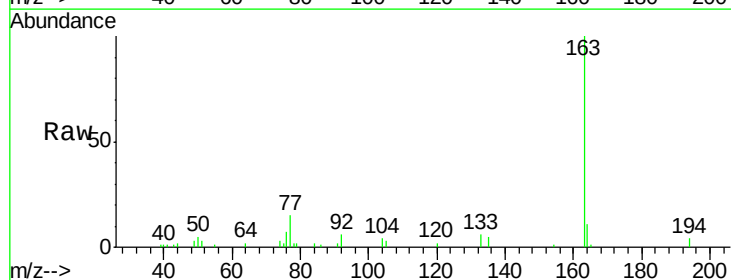
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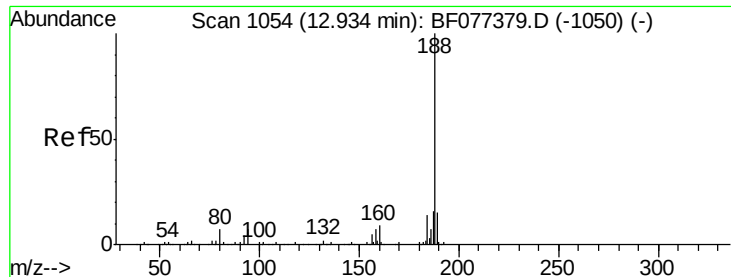
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#49
Dimethylphthalate
Concen: 2.72 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	11.3	8.6	13.0





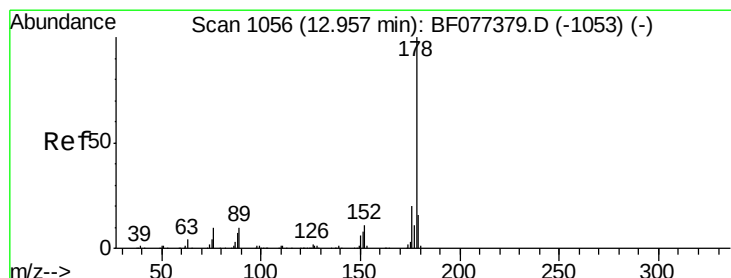
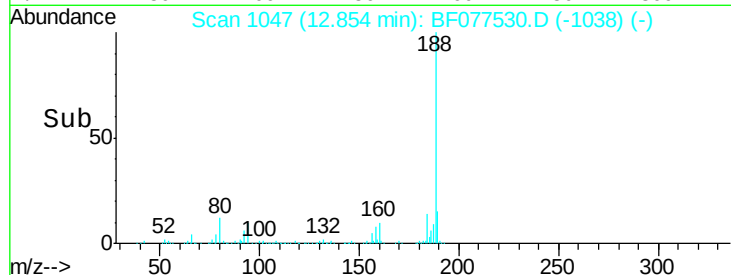
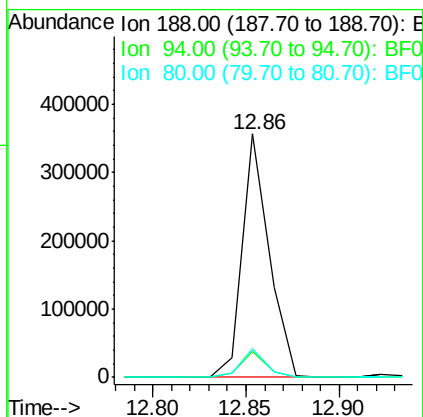
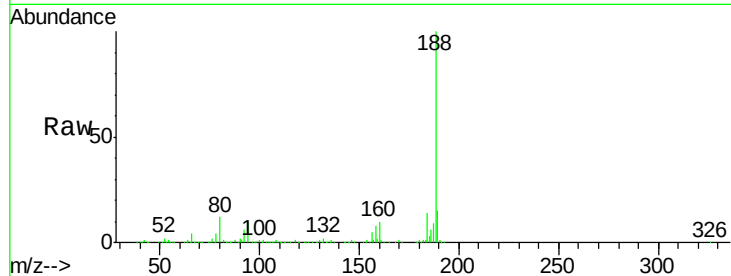
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.86 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF077530.D
 Acq: 2 Mar 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	357464		
94	10.5	7.4	11.2	
80	11.6	8.0	12.0	

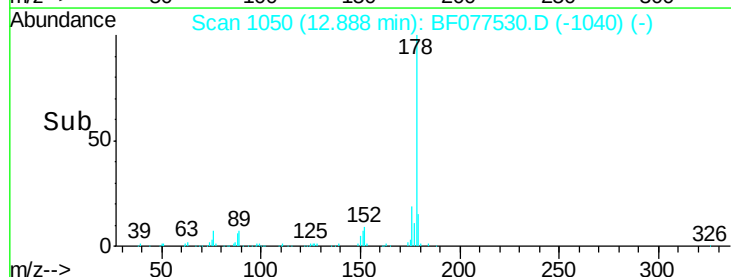
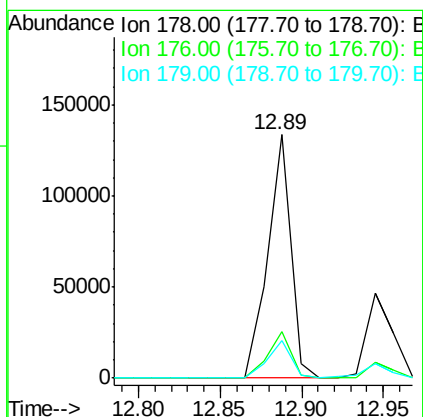
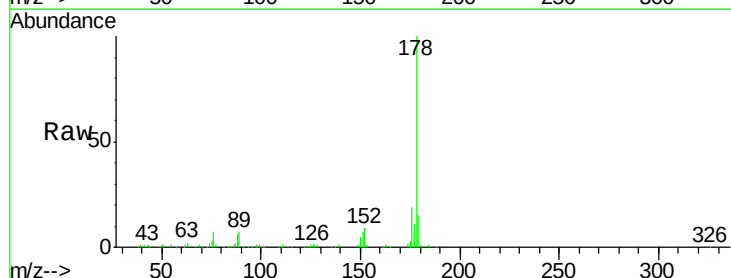
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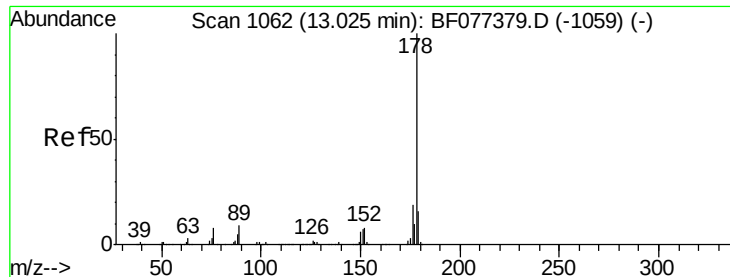
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#70
 Phenanthrene
 Concen: 6.40 ng
 RT: 12.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF077530.D
 Acq: 2 Mar 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	132519		
176	19.1	15.5	23.3	
179	15.2	12.2	18.2	





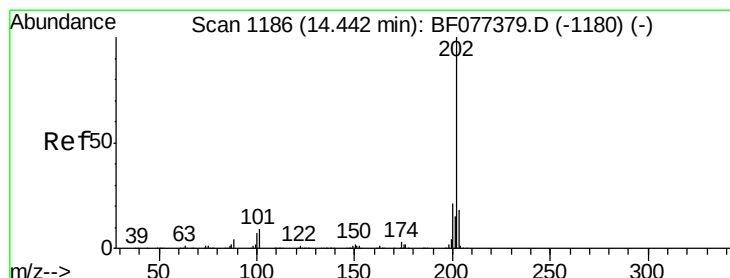
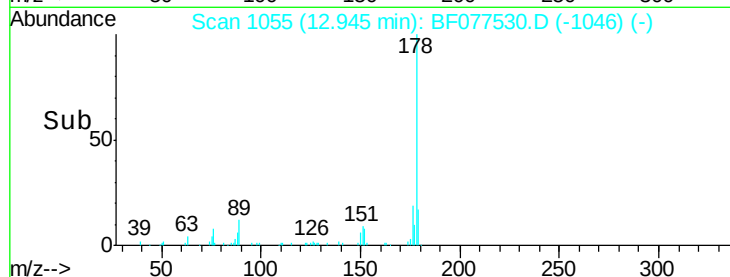
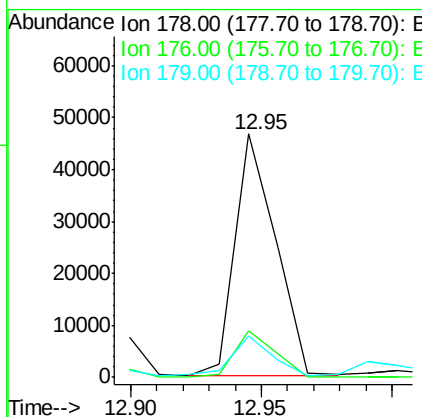
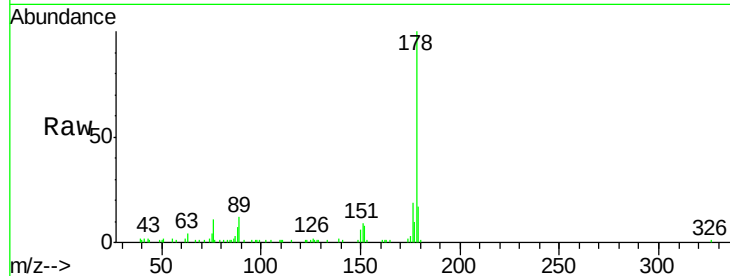
#71
 Anthracene
 Concen: 2.47 ng
 RT: 12.95 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BF077530.D
 Acq: 2 Mar 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.8	12.9	19.3

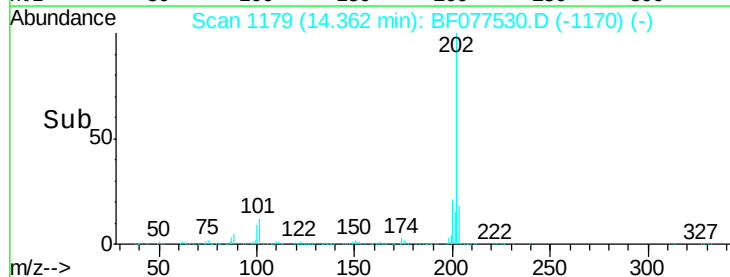
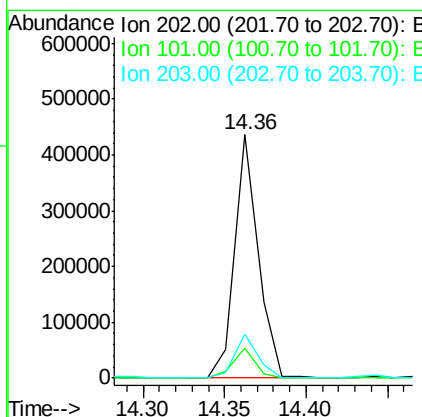
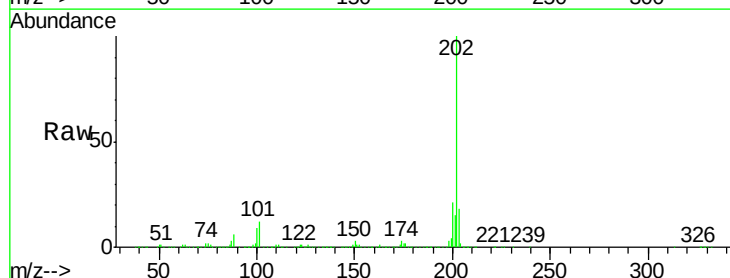
Manual Integrations
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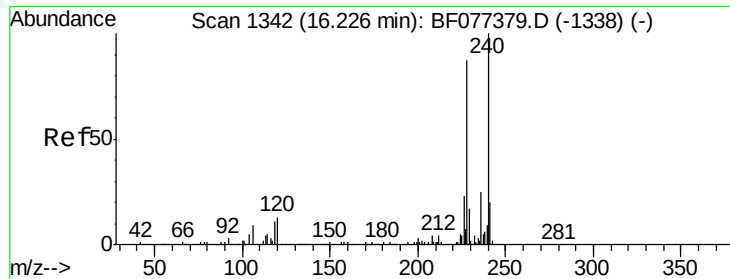
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#74
 Fluoranthene
 Concen: 18.95 ng
 RT: 14.36 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF077530.D
 Acq: 2 Mar 2015 18:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.8
203	17.8	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1337

Delta R.T. 0.03 min

Lab File: BF077530.D

Acq: 2 Mar 2015 18:56

Instrument :

BNA_F

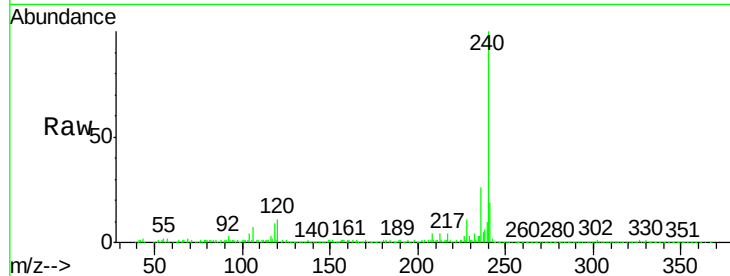
ClientSampleId :

SB13

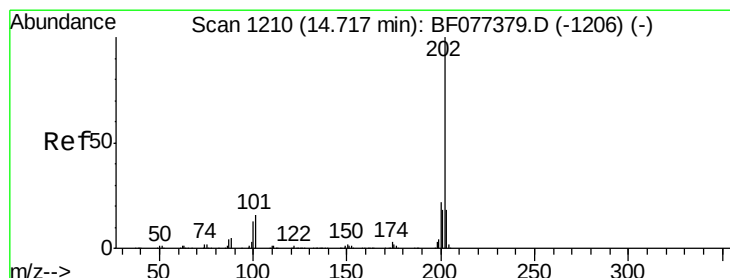
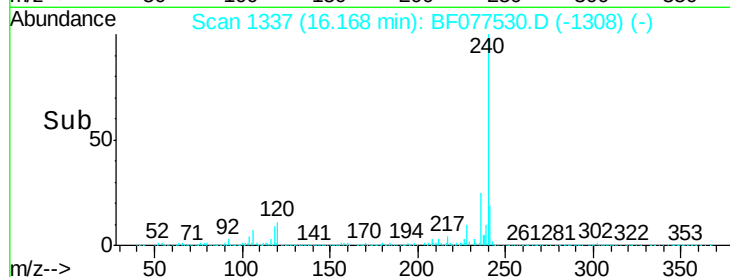
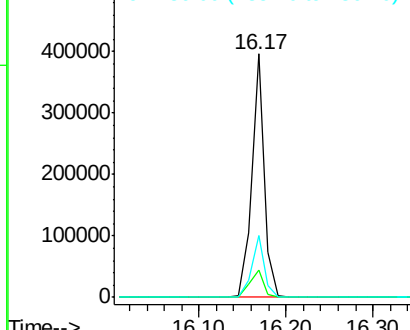
Tgt Ion:	240	Resp:	400648
Ion Ratio		Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.5	20.7	31.1

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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: 19.12 ng

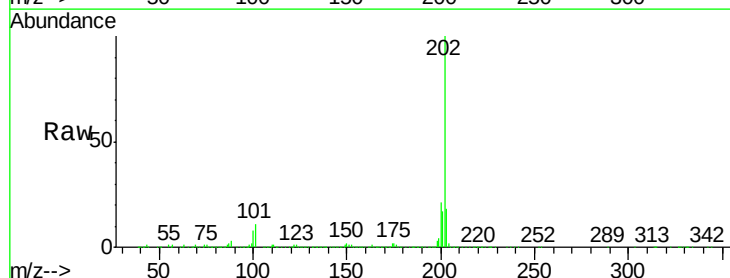
RT: 14.64 min Scan# 1204

Delta R.T. 0.01 min

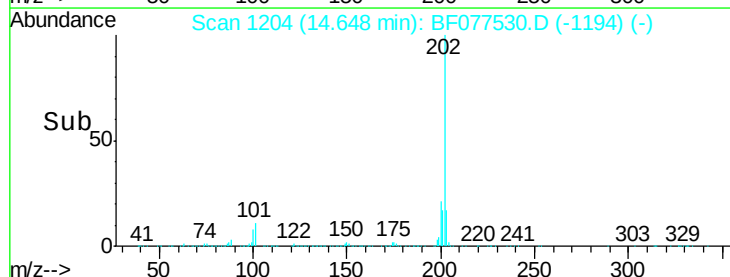
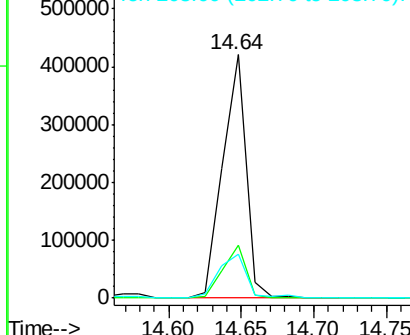
Lab File: BF077530.D

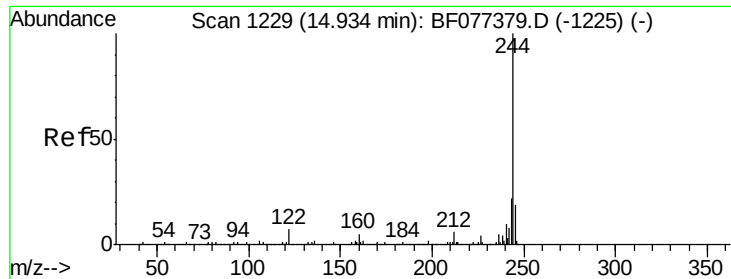
Acq: 2 Mar 2015 18:56

Tgt Ion:	202	Resp:	468560
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.1	14.2	21.2



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: 50.38 ng

RT: 14.85 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BF077530.D

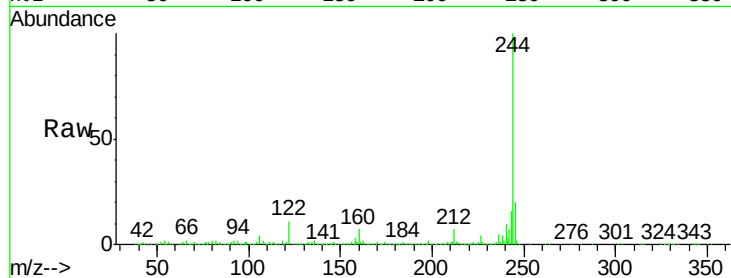
Acq: 2 Mar 2015 18:56

Instrument :

BNA_F

ClientSampleId :

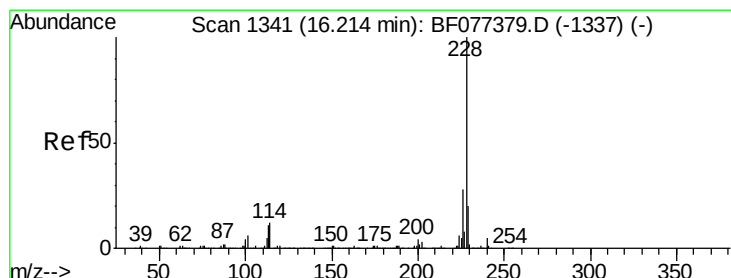
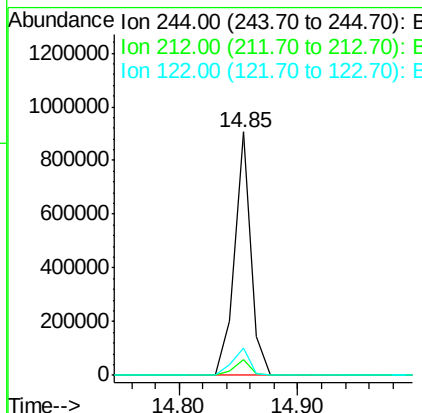
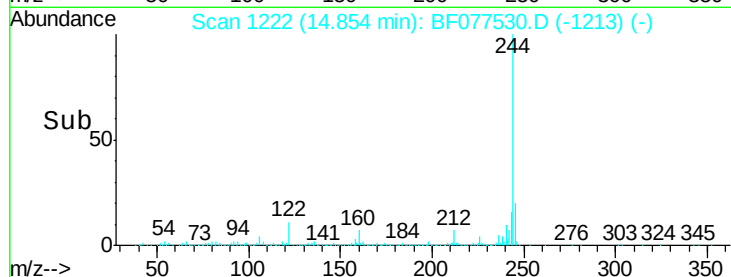
SB13



Tgt Ion:	244	Resp:	863425
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.2	7.8
122	11.3	7.8	11.8

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#80

Benzo(a)anthracene

Concen: 10.93 ng m

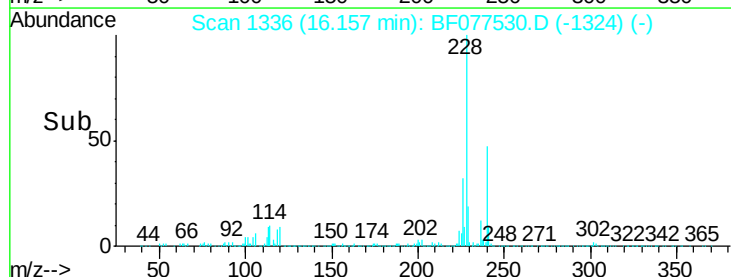
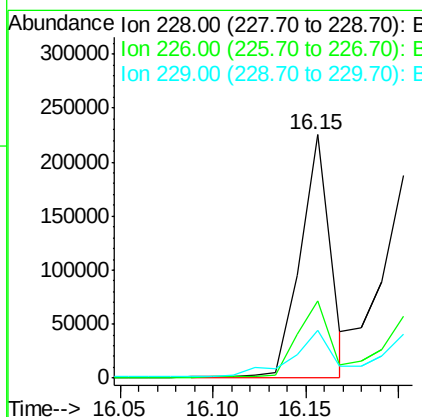
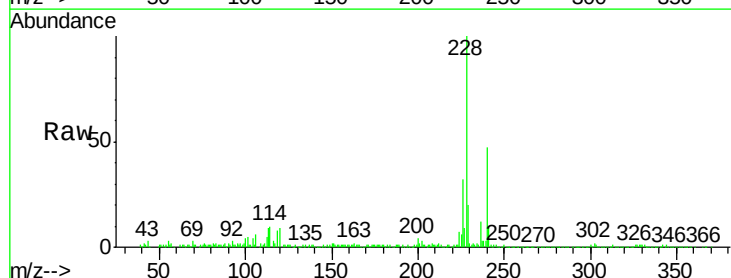
RT: 16.16 min Scan# 1336

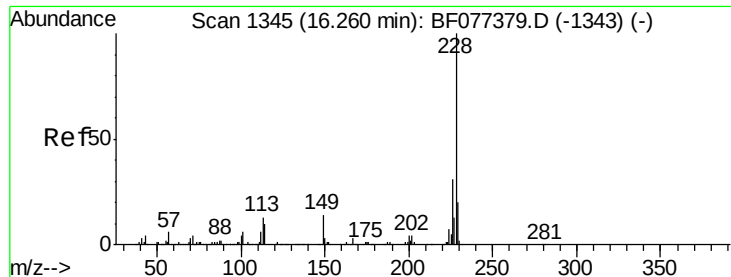
Delta R.T. 0.03 min

Lab File: BF077530.D

Acq: 2 Mar 2015 18:56

Tgt Ion:	228	Resp:	256635
Ion Ratio	Lower	Upper	
228	100		
226	31.8	22.0	33.0
229	19.8	15.8	23.8





#82

Chrysene

Concen: 10.89 ng m

RT: 16.19 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF077530.D

Acq: 2 Mar 2015 18:56

Instrument :

BNA_F

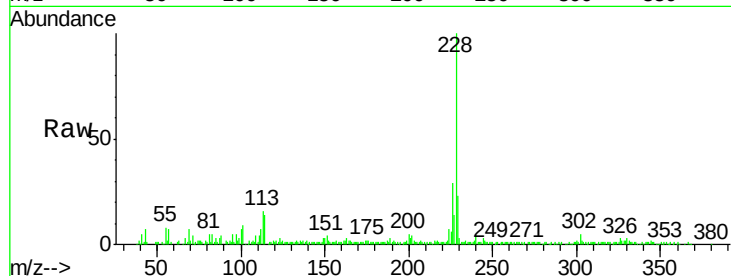
ClientSampleId :

SB13

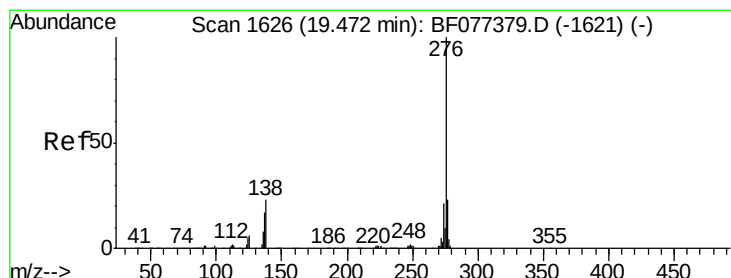
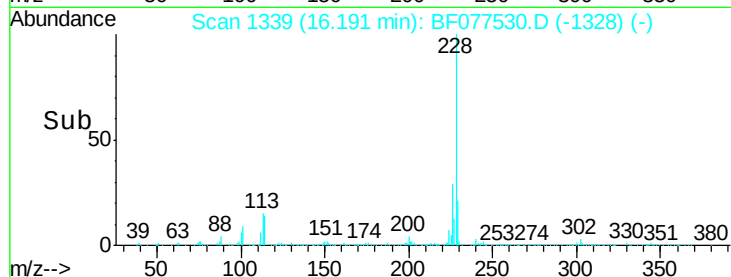
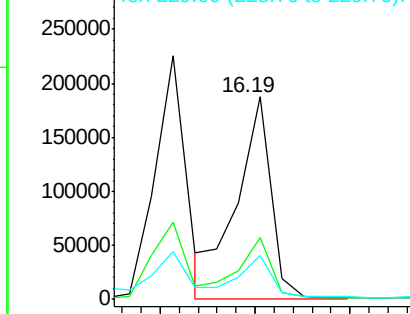
Tgt Ion:	228	Resp:	240086
Ion Ratio		Lower	Upper
228	100		
226	29.1	24.9	37.3
229	22.8	16.4	24.6

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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: 5.01 ng m

RT: 19.45 min Scan# 1624

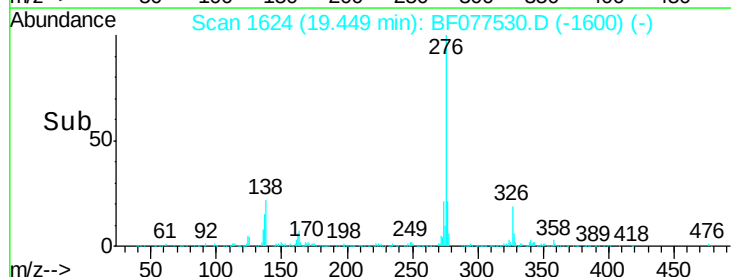
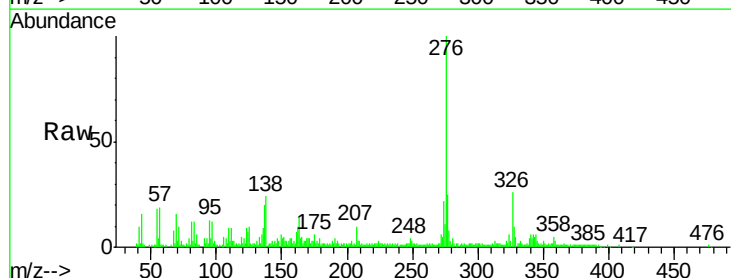
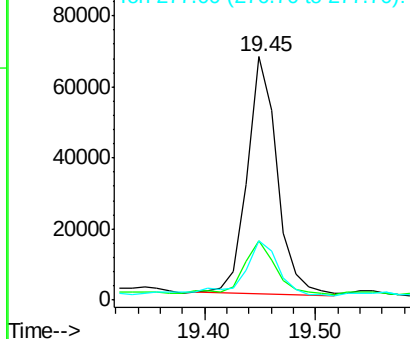
Delta R.T. 0.17 min

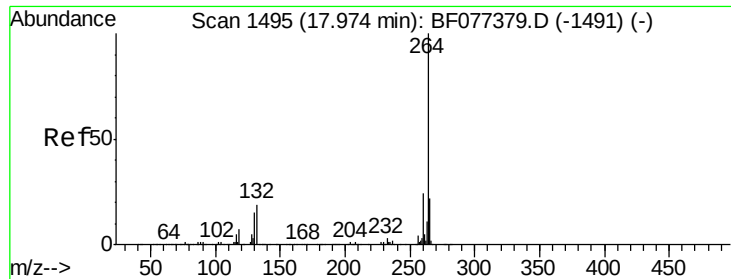
Lab File: BF077530.D

Acq: 2 Mar 2015 18:56

Tgt Ion:	276	Resp:	125857
Ion Ratio		Lower	Upper
276	100		
138	7.0	21.2	31.8#
277	5.4	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





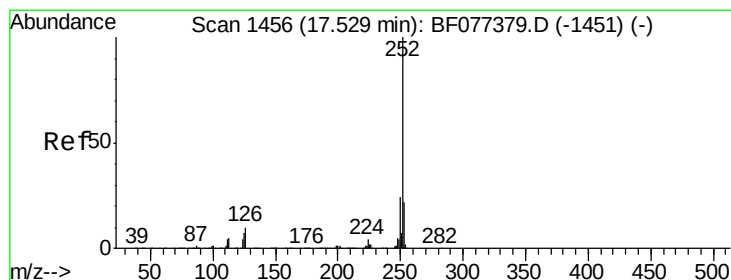
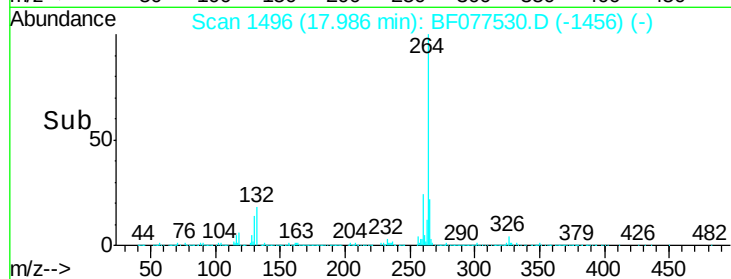
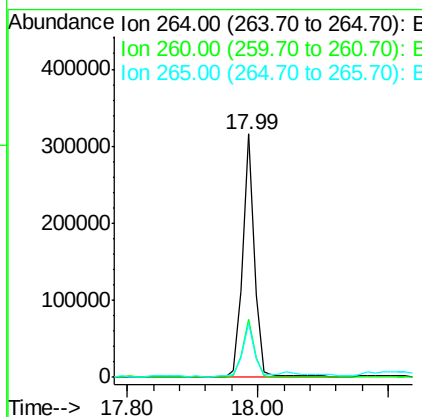
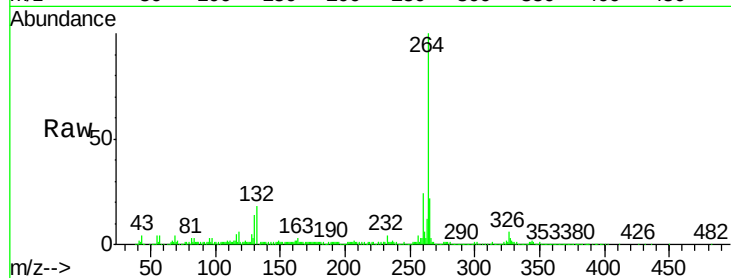
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1496
Delta R.T. 0.16 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.4	16.8	25.2

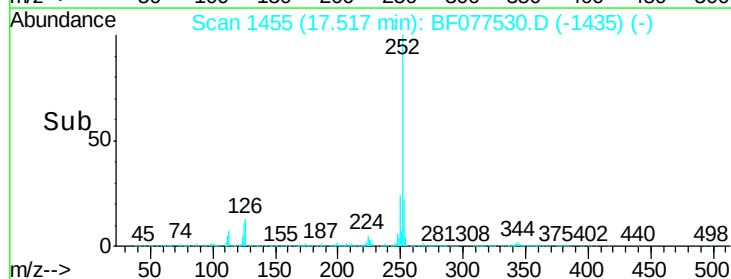
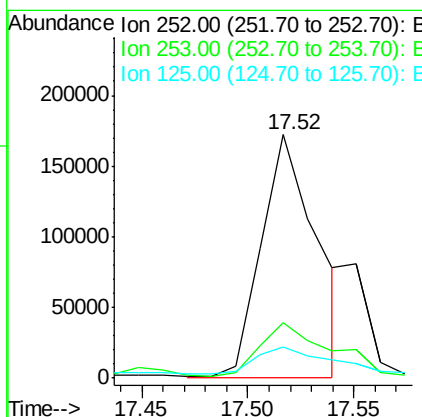
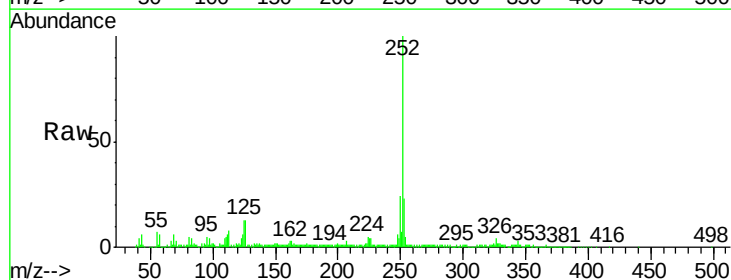
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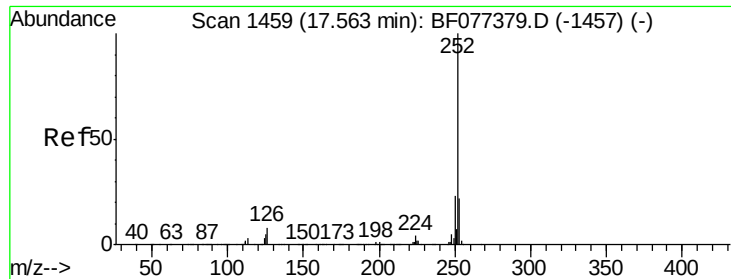
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#87
Benzo(b)fluoranthene
Concen: 14.29 ng m
RT: 17.52 min Scan# 1455
Delta R.T. 0.13 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	12.6	5.4	8.2#





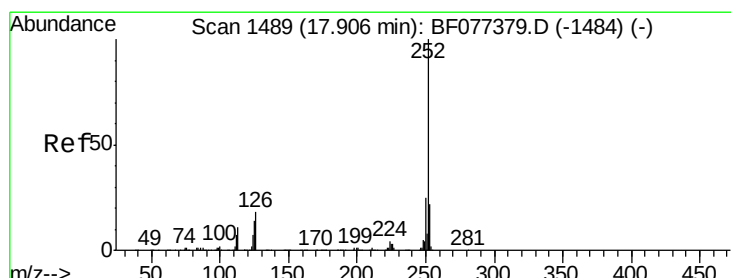
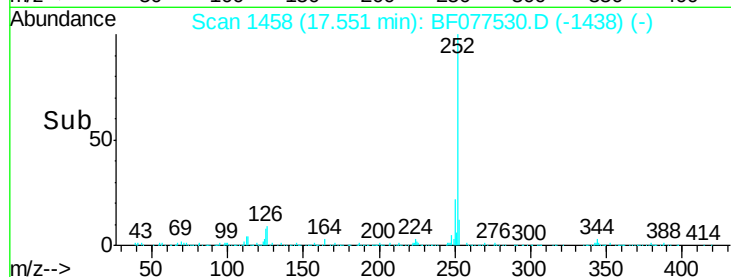
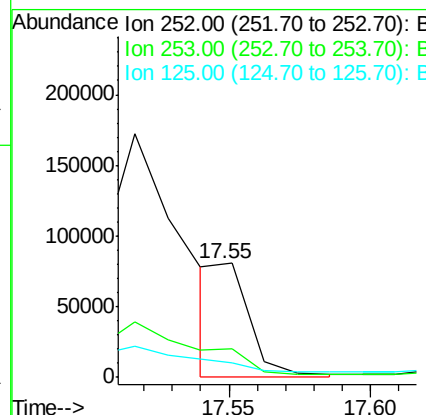
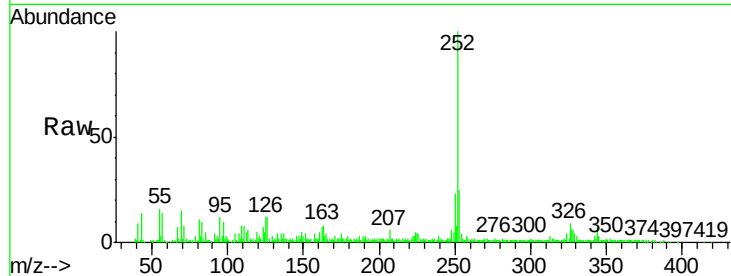
#88
Benzo(k)fluoranthene
Concen: 3.04 ng m
RT: 17.55 min Scan# 1458
Delta R.T. 0.13 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	12.4	10.1	15.1

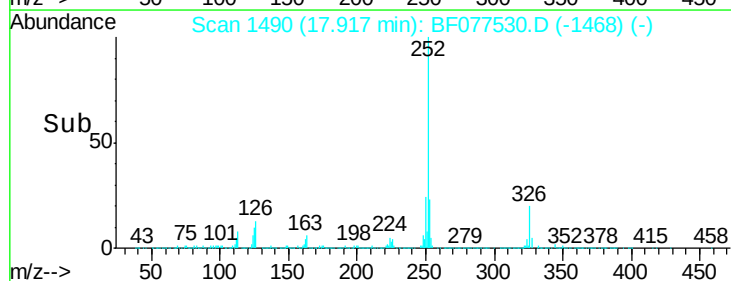
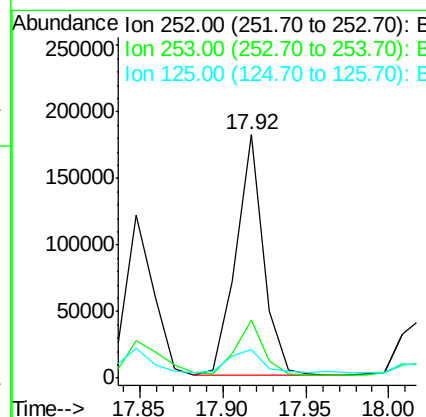
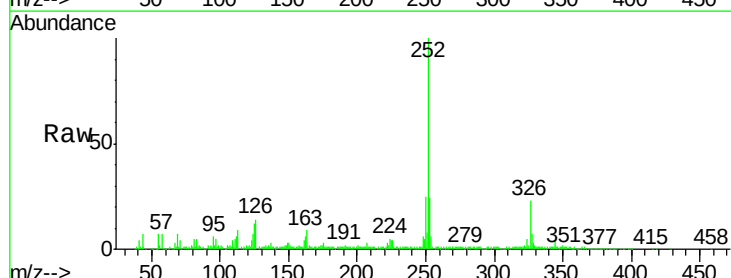
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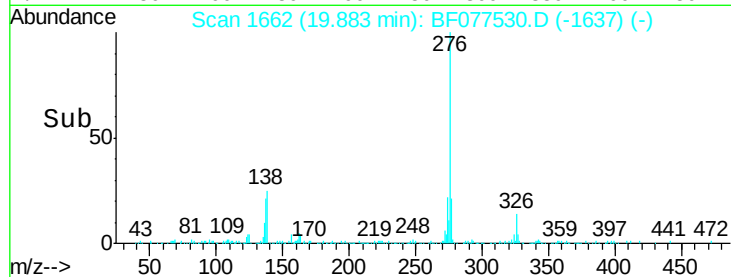
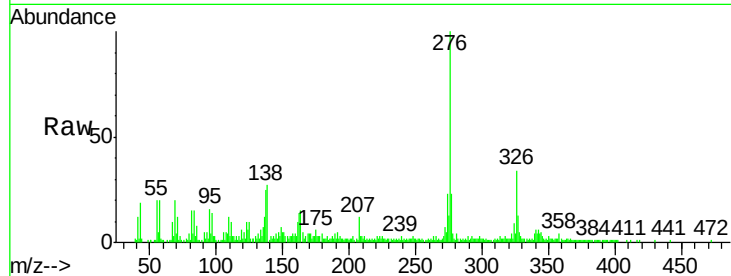
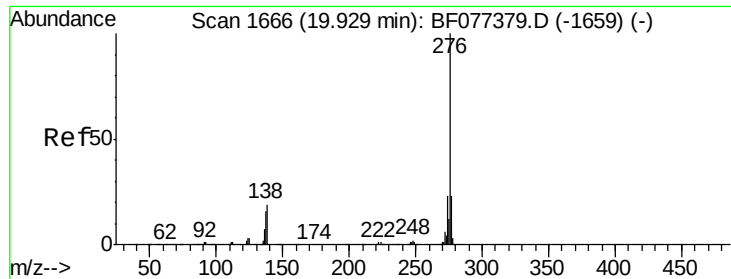
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#89
Benzo(a)pyrene
Concen: 9.99 ng m
RT: 17.92 min Scan# 1490
Delta R.T. 0.15 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	12.0	8.3	12.5





#91
 Benzo(g,h,i)perylene
 Concen: 5.66 ng
 RT: 19.89 min Scan# 1662
 Delta R.T. 0.18 min
 Lab File: BF077530.D
 Acq: 2 Mar 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		115794		
277	22.8	18.9	28.3		
138	26.9	20.5	30.7		

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