

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077565.D
 Acq On : 4 Mar 2015 1:28
 Operator : TP/IZ
 Sample : G1399-08RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2RE

Manual Integrations
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mohammad
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Quant Time: Mar 04 03:23:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	85804	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	334023	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	175643	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	344687	20.00	ng	0.00
75) Chrysene-d12	16.11	240	380185	20.00	ng	-0.04
86) Perylene-d12	17.80	264	393487	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	293036	57.01	ng	0.00
7) Phenol-d6	6.80	99	383107	57.97	ng	0.00
23) Nitrobenzene-d5	7.93	82	216991	40.40	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	93941	55.55	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	417947	37.10	ng	0.00
78) Terphenyl-d14	14.83	244	457379	28.12	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.86	178	83469	4.18	ng	100
74) Fluoranthene	14.33	202	232416	10.65	ng	96
77) Pyrene	14.61	202	245988	10.58	ng	98
80) Benzo(a)anthracene	16.10	228	148573	6.67	ng	96
82) Chrysene	16.14	228	121207	5.79	ng	96
85) Indeno(1,2,3-cd)pyrene	19.22	276	81891m	3.43	ng	
87) Benzo(b)fluoranthene	17.36	252	172055	7.52	ng	# 96
88) Benzo(k)fluoranthene	17.39	252	55229m	2.46	ng	
89) Benzo(a)pyrene	17.73	252	131756	6.05	ng	# 95
91) Benzo(g,h,i)perylene	19.64	276	79546	3.79	ng	95

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

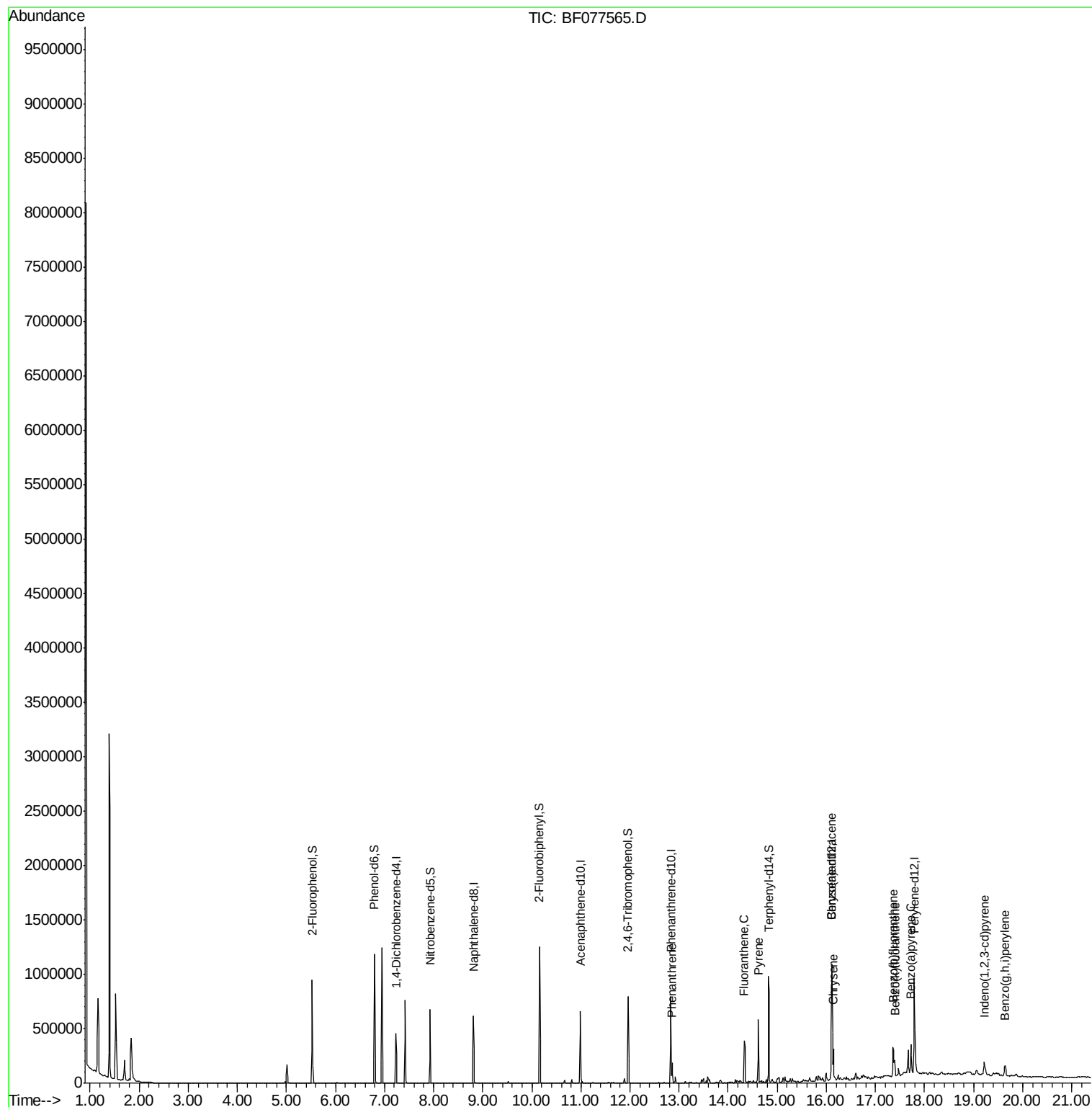
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077565.D
Acq On : 4 Mar 2015 1:28
Operator : TP/IZ
Sample : G1399-08RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

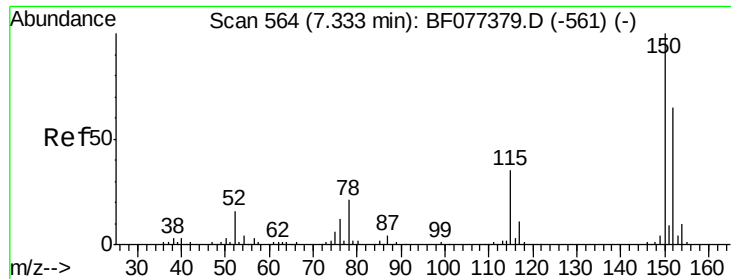
Instrument :
BNA_F
ClientSampleId :
SB2RE

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Quant Time: Mar 04 03:23:28 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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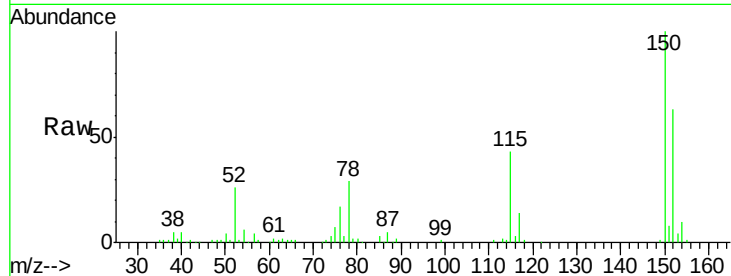




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

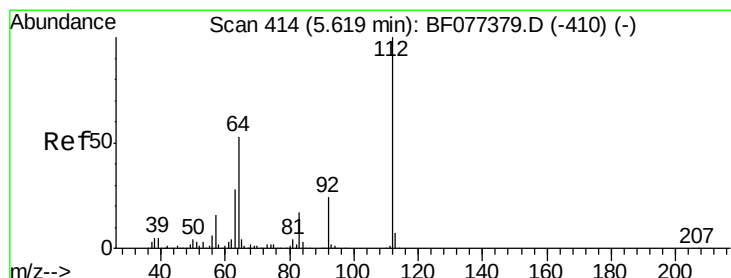
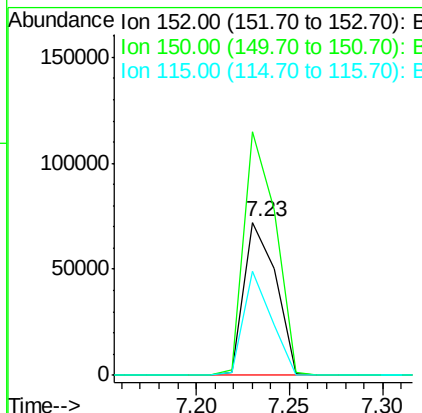
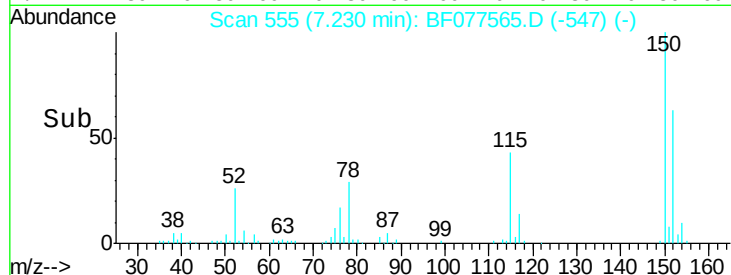
Instrument :
BNA_F
ClientSampleId :
SB2RE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.0	186.0
115	68.0	49.4	74.2

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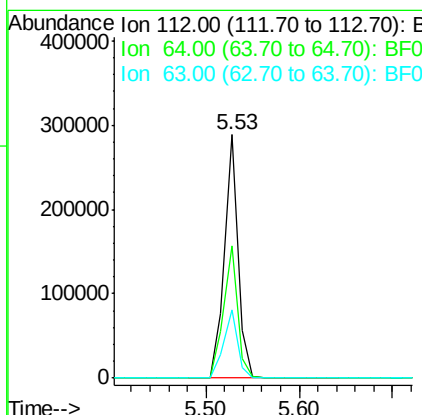
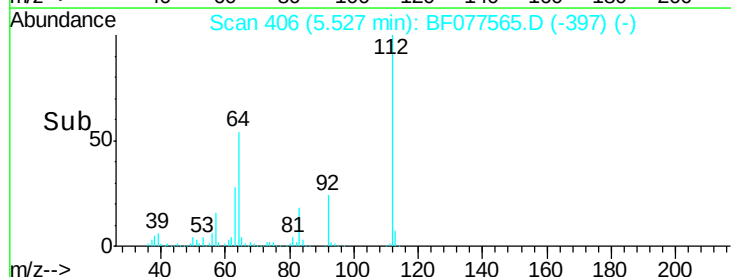
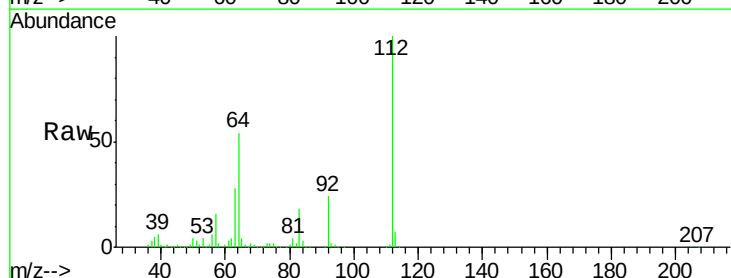
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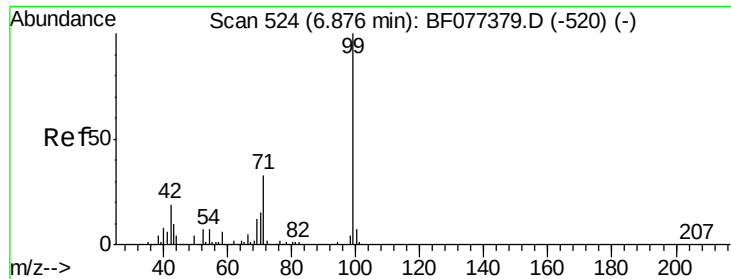


#5

2-Fluorophenol
Concen: 57.01 ng
RT: 5.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	48.5	72.7
63	28.3	25.0	37.4





#7

Phenol-d6

Concen: 57.97 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077565.D

Acq: 4 Mar 2015 1:28

Instrument :

BNA_F

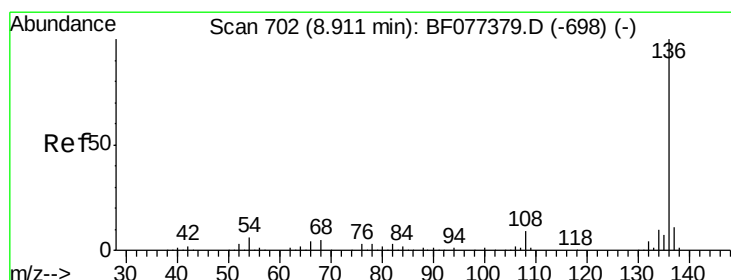
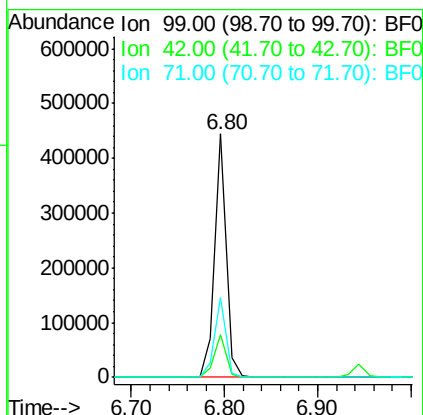
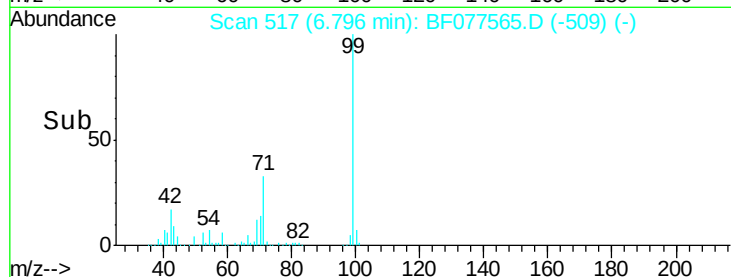
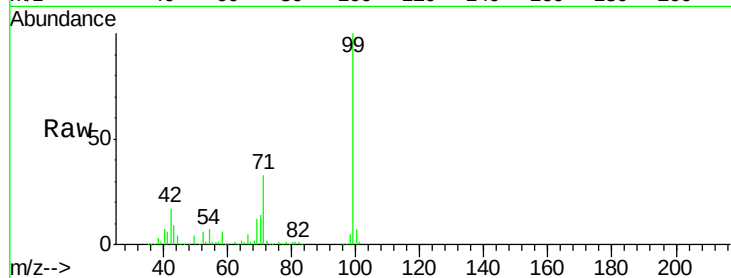
ClientSampleId :

SB2RE

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.3	16.2	24.4
71	32.6	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

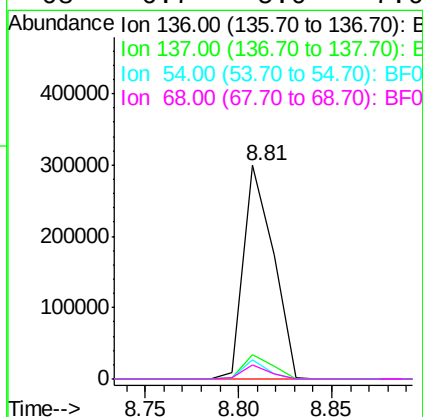
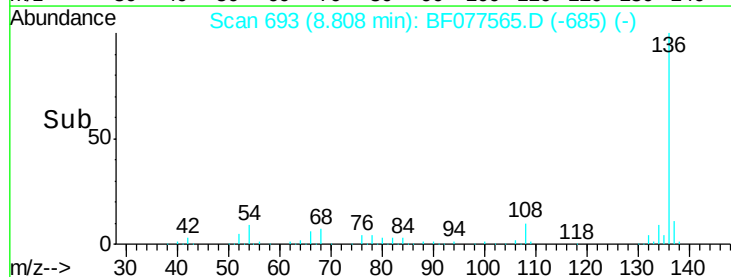
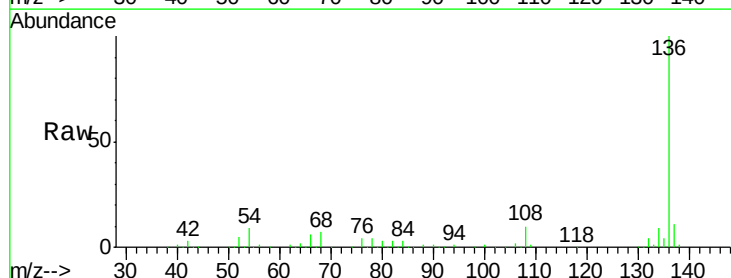
RT: 8.81 min Scan# 693

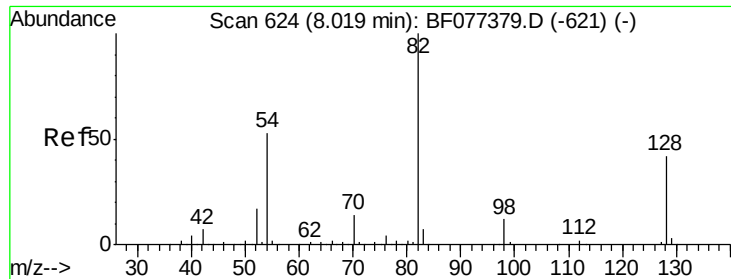
Delta R.T. -0.01 min

Lab File: BF077565.D

Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.8	6.2	9.4
68	6.7	5.0	7.6





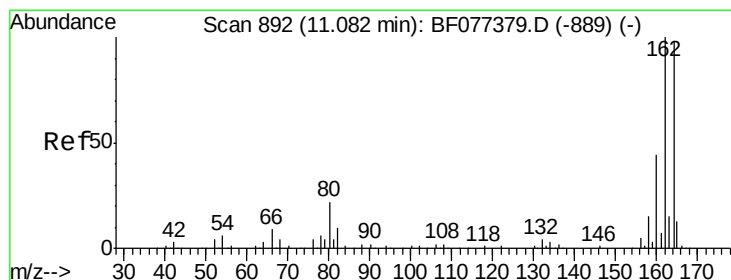
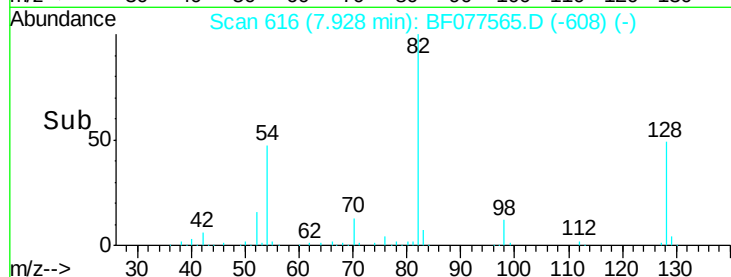
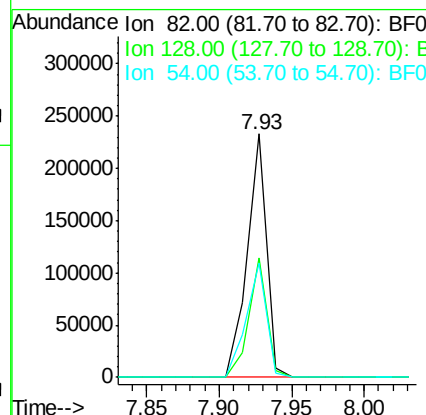
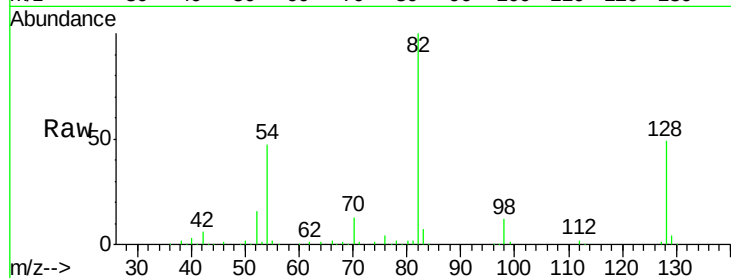
#23
 Nitrobenzene-d5
 Concen: 40.40 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF077565.D
 Acq: 4 Mar 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 SB2RE

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	216991		
128	49.2	43.8	65.8	
54	47.1	36.7	55.1	

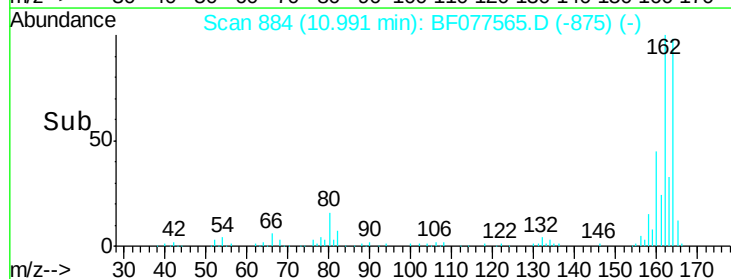
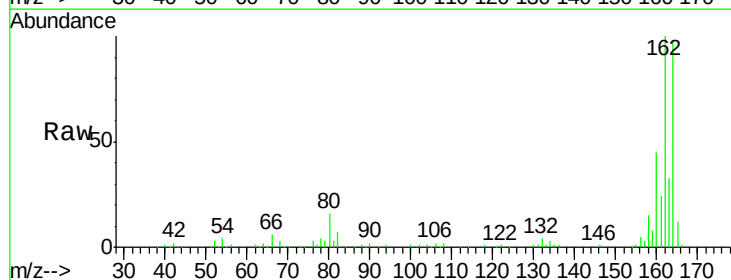
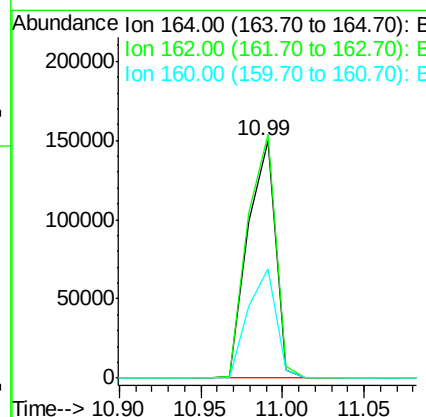
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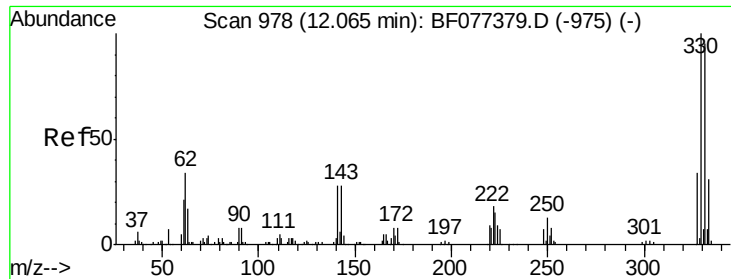
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF077565.D
 Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	175643		
162	102.5	83.2	124.8	
160	45.9	34.6	52.0	





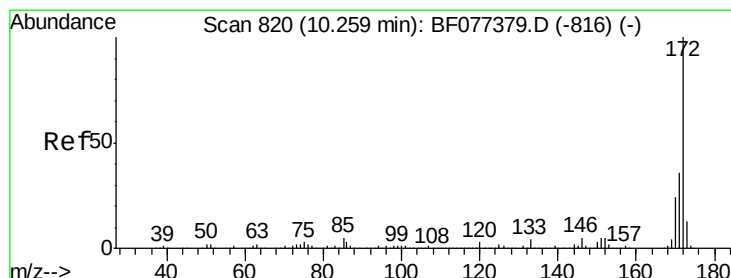
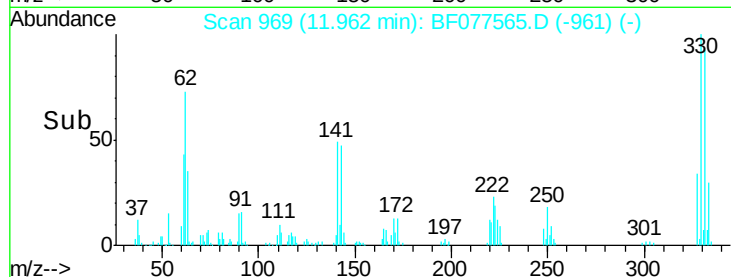
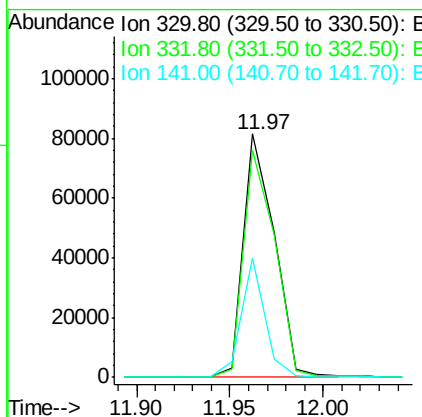
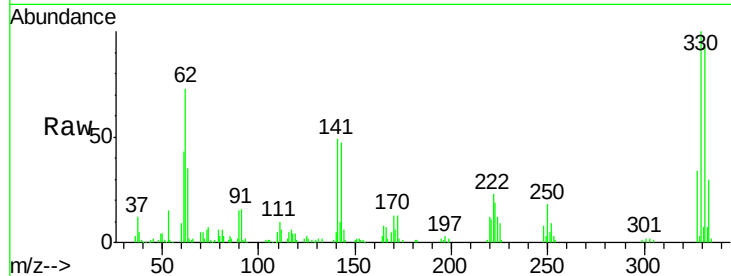
#41
 2,4,6-Tribromophenol
 Concen: 55.55 ng
 RT: 11.97 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF077565.D
 Acq: 4 Mar 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 SB2RE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	93941		
332	95.4		77.4	116.2
141	38.4		28.8	43.2

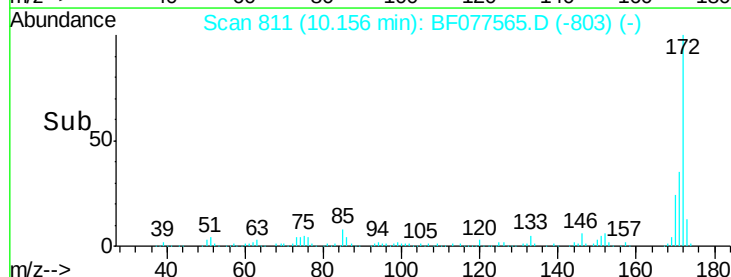
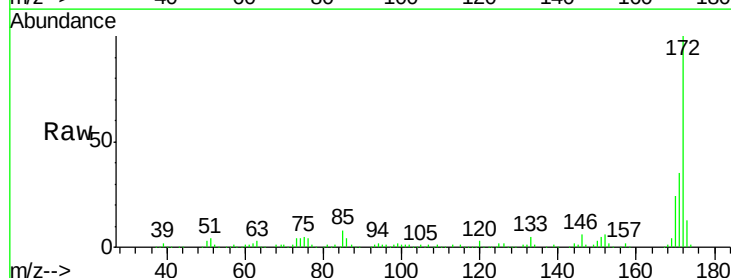
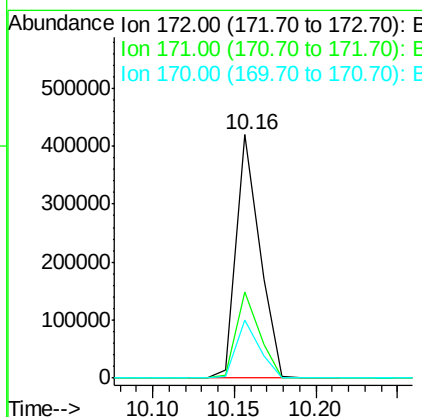
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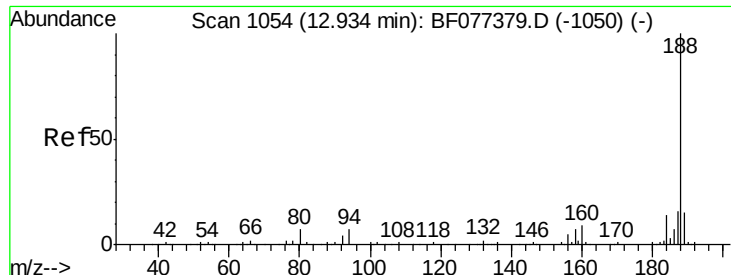
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#44
 2-Fluorobiphenyl
 Concen: 37.10 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF077565.D
 Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	417947		
171	35.3		28.9	43.3
170	23.8		19.4	29.2





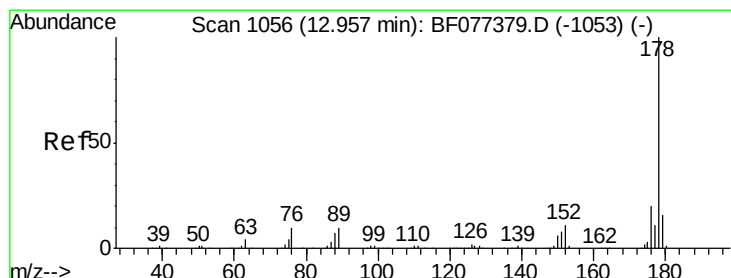
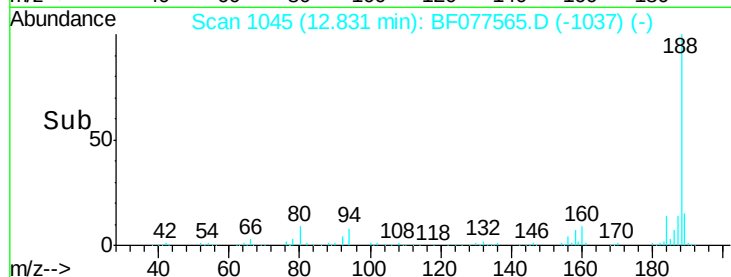
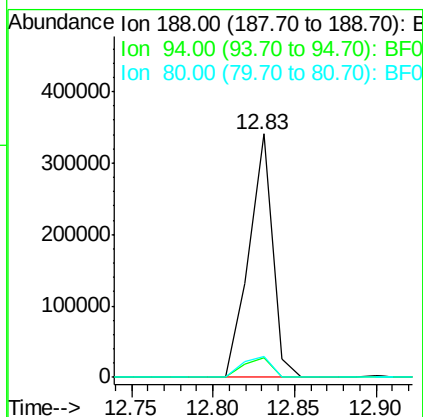
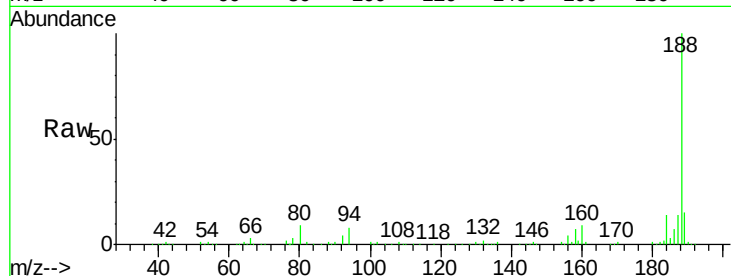
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Instrument :
BNA_F
ClientSampleId :
SB2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	7.4	11.2
80	8.6	8.0	12.0

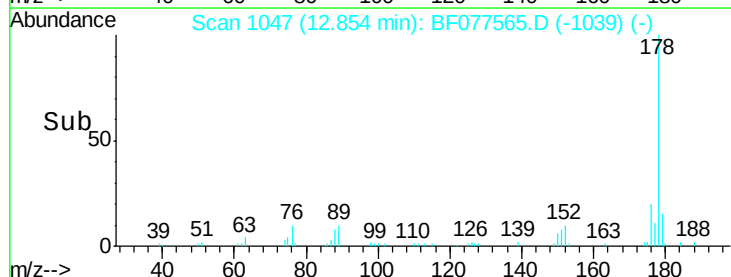
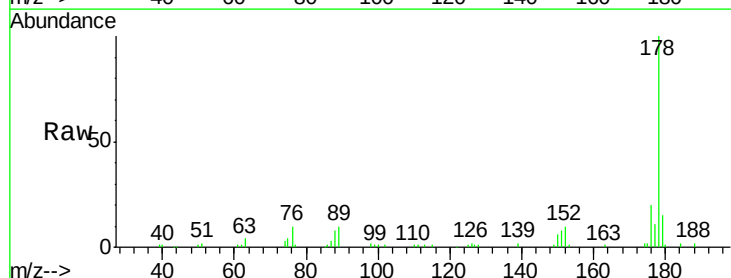
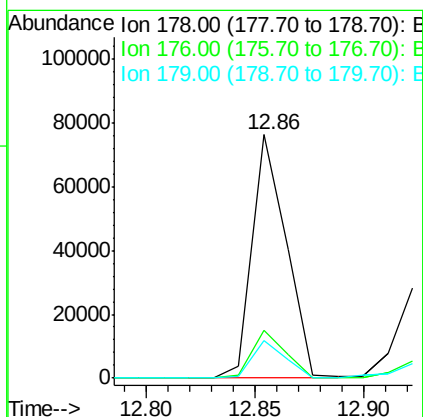
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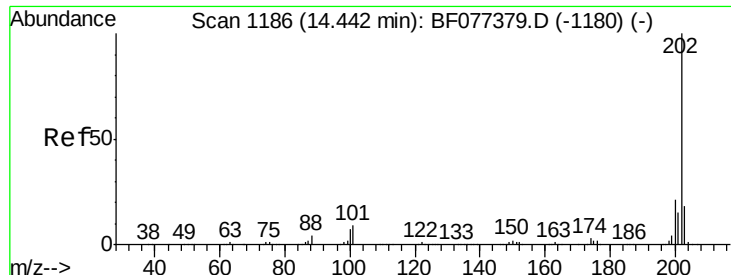
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#70
Phenanthrene
Concen: 4.18 ng
RT: 12.86 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.5	15.5	23.3
179	15.5	12.2	18.2





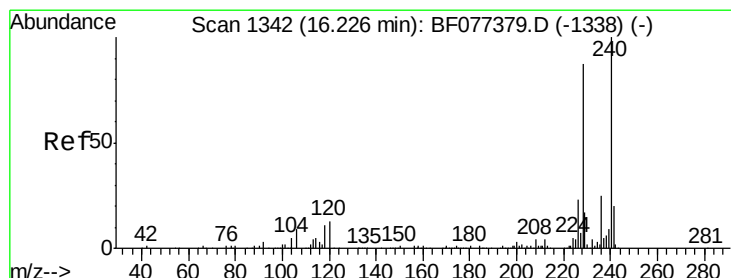
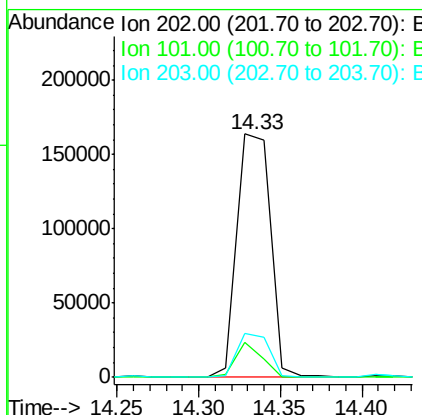
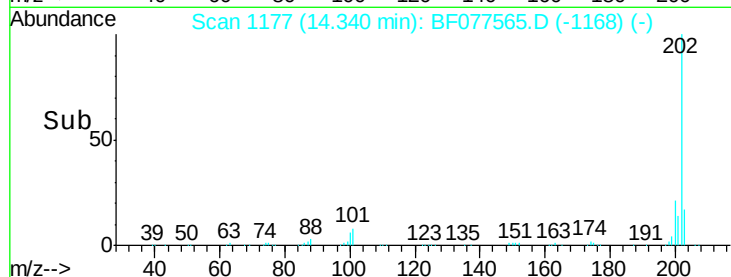
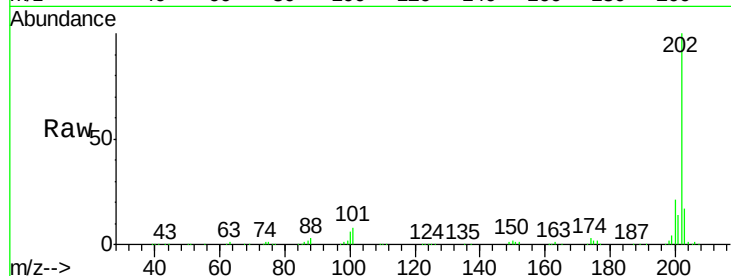
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Fluoranthene
Concen: 10.65 ng
RT: 14.33 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Instrument :
BNA_F
ClientSampleId :
SB2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.9	0.0	30.8
203	16.8	0.0	37.7

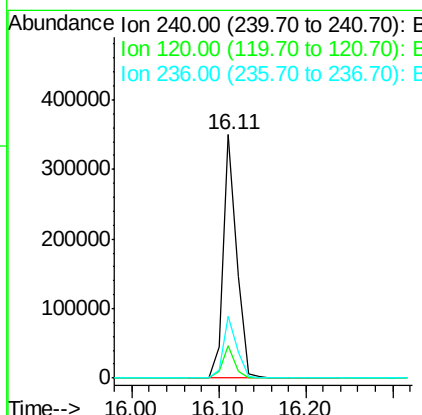
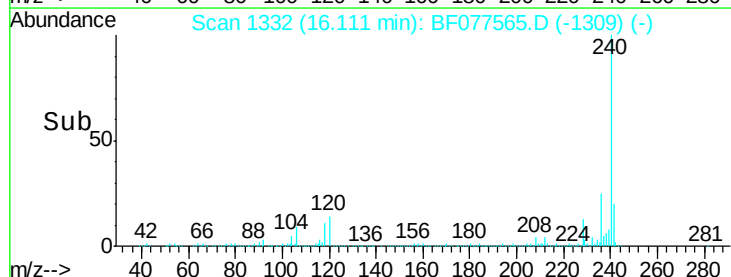
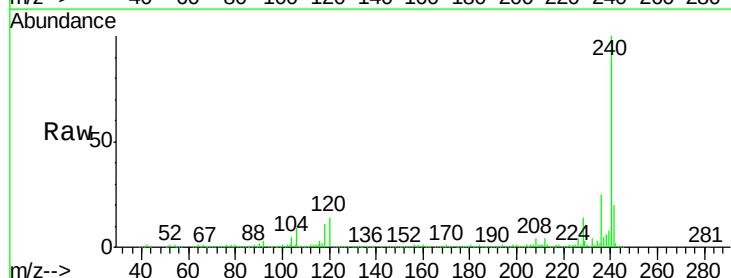
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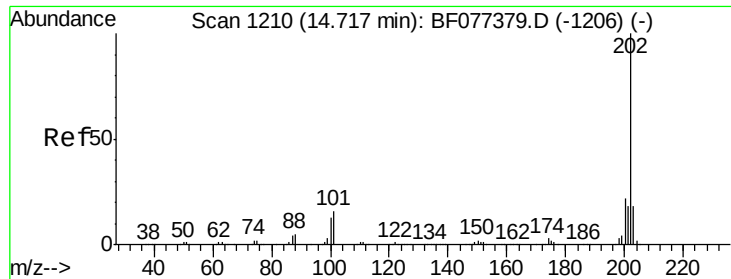
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.5	8.8	13.2#
236	25.5	20.7	31.1





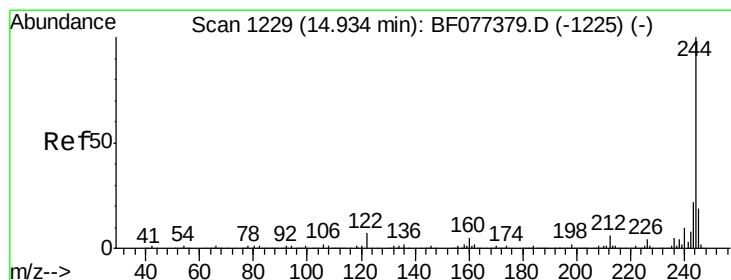
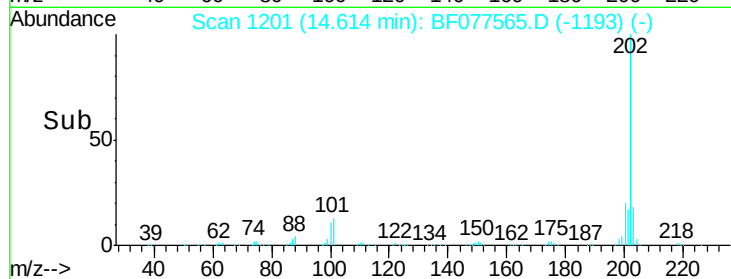
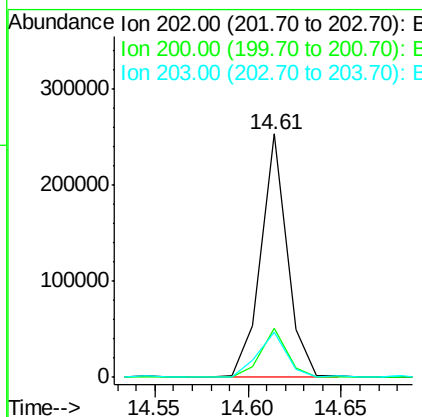
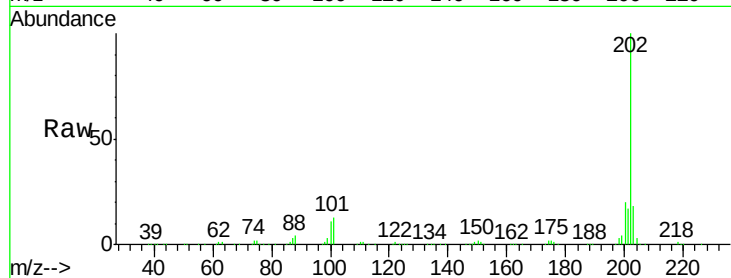
#77
 Pyrene
 Concen: 10.58 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF077565.D
 Acq: 4 Mar 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 SB2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.2	17.1	25.7
203	18.5	14.2	21.2

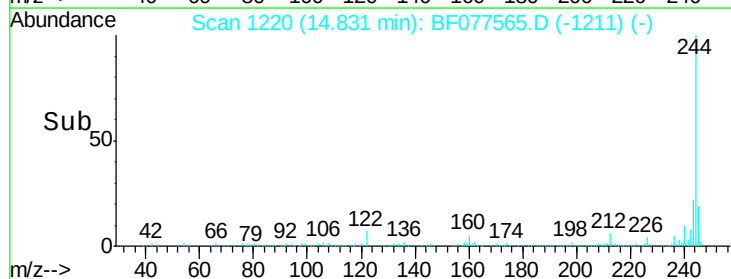
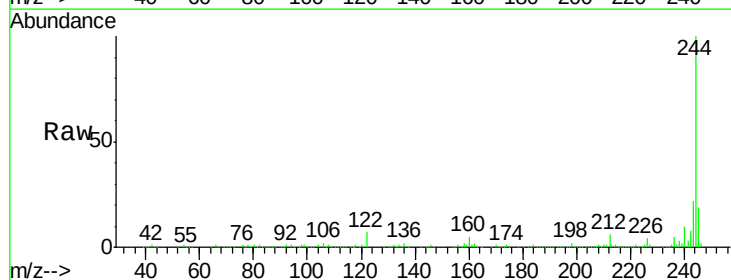
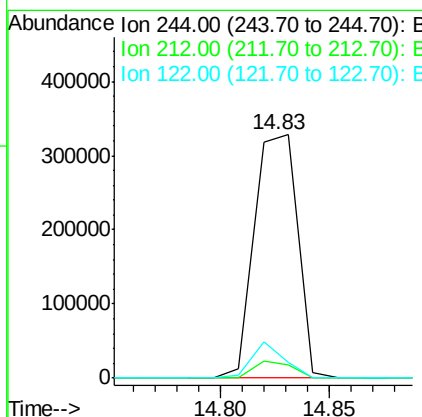
Manual Integrations
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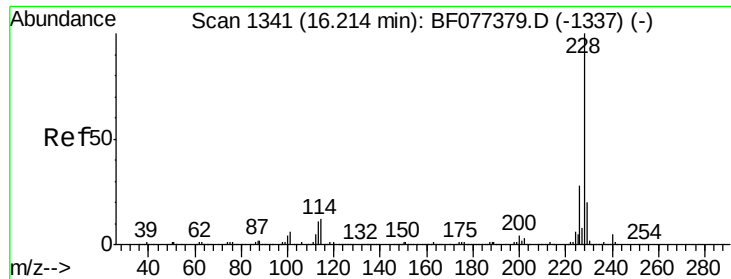
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#78
 Terphenyl-d14
 Concen: 28.12 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF077565.D
 Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	5.6	5.2	7.8
122	6.7	7.8	11.8#





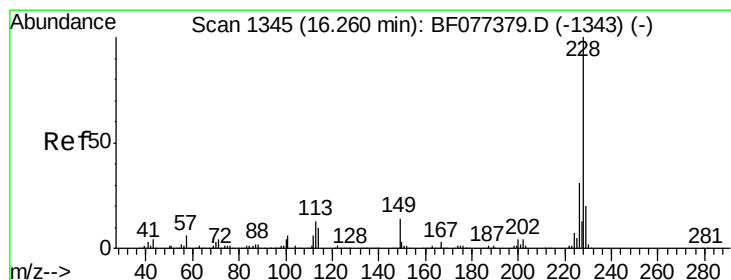
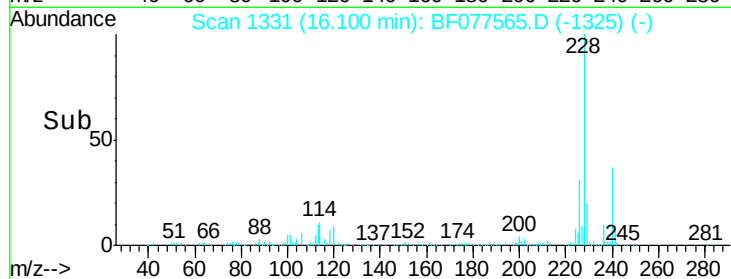
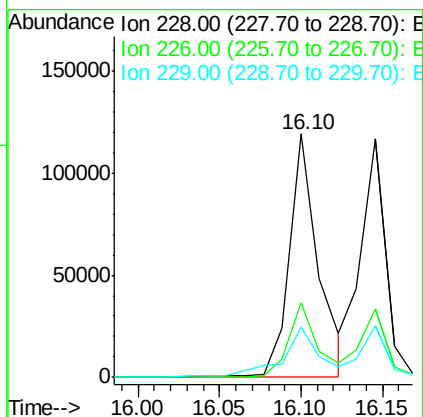
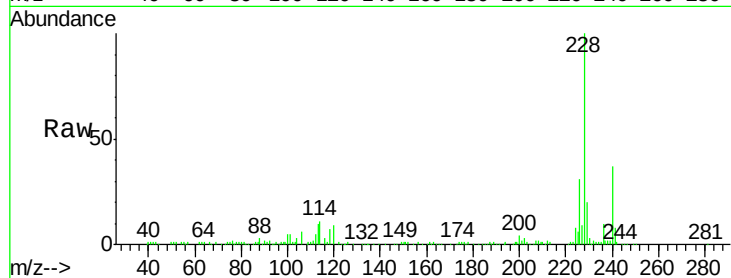
#80
Benzo(a)anthracene
Concen: 6.67 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Instrument :
BNA_F
ClientSampleId :
SB2RE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.0	33.0
229	20.4	15.8	23.8

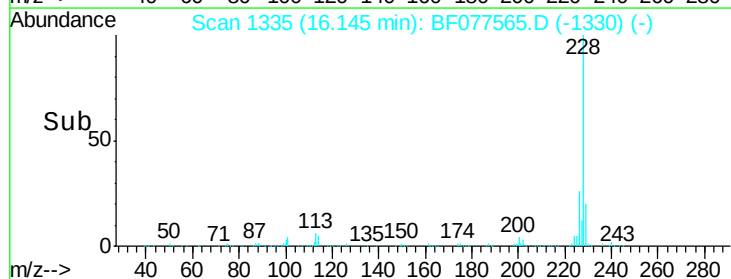
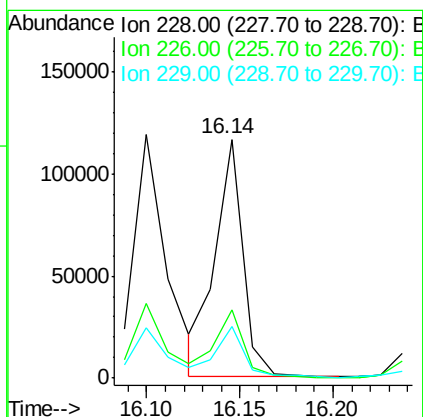
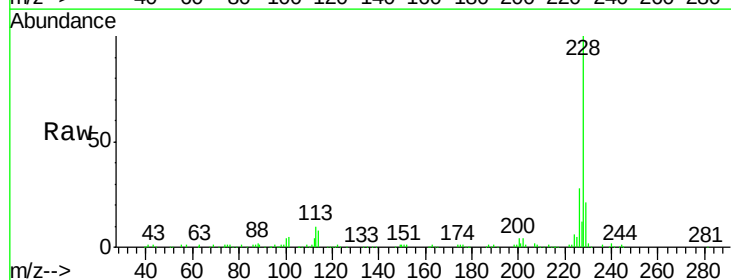
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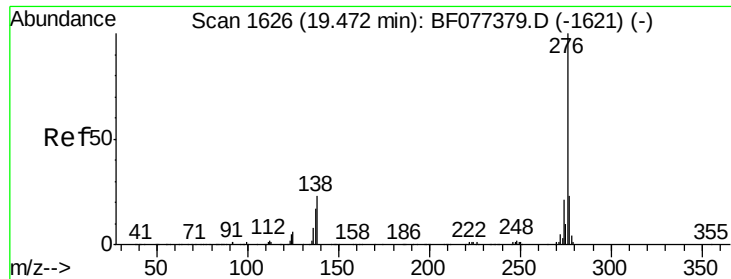
mohammad
3/4/2015 4:42:04 PM



#82
Chrysene
Concen: 5.79 ng
RT: 16.14 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.9	37.3
229	21.5	16.4	24.6





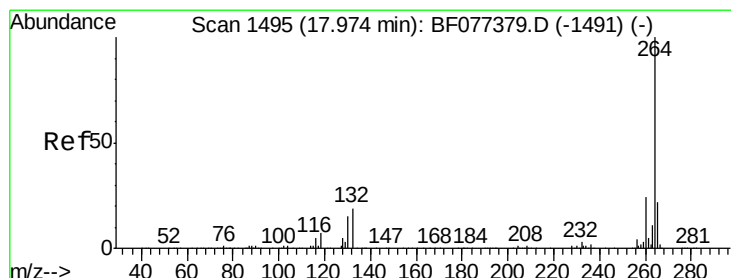
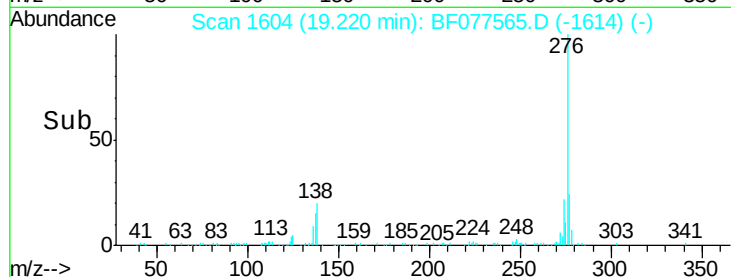
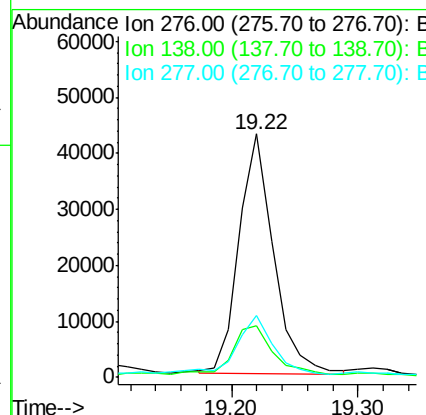
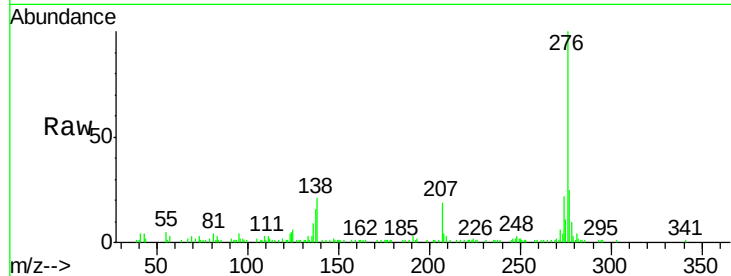
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.43 ng m
 RT: 19.22 min Scan# 1604
 Delta R.T. -0.22 min
 Lab File: BF077565.D
 Acq: 4 Mar 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 SB2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	4.4	21.2	31.8#
277	1.8	20.0	30.0#

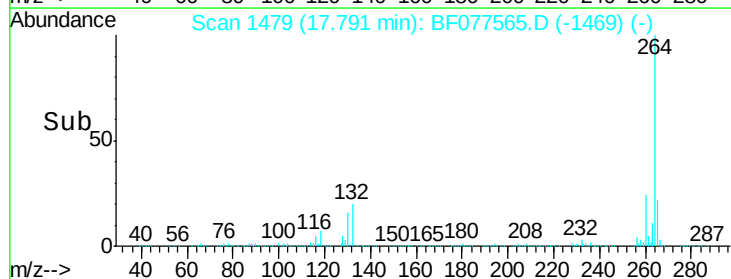
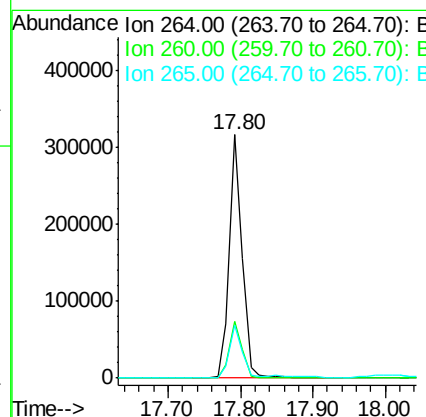
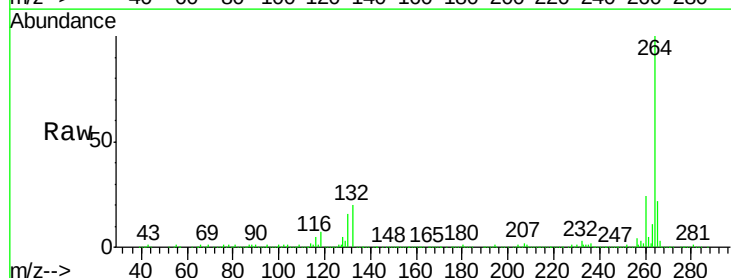
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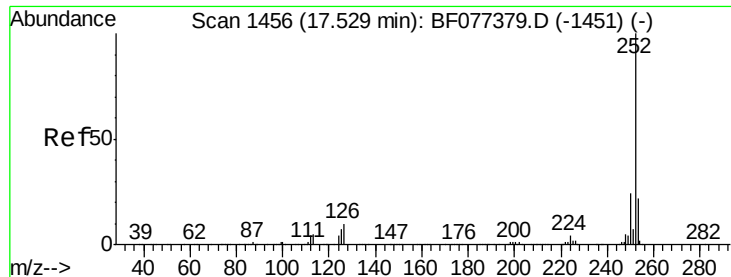
mohammad
 3/4/2015 4:42:04 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.80 min Scan# 1479
 Delta R.T. -0.18 min
 Lab File: BF077565.D
 Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.3	28.9
265	22.0	16.8	25.2





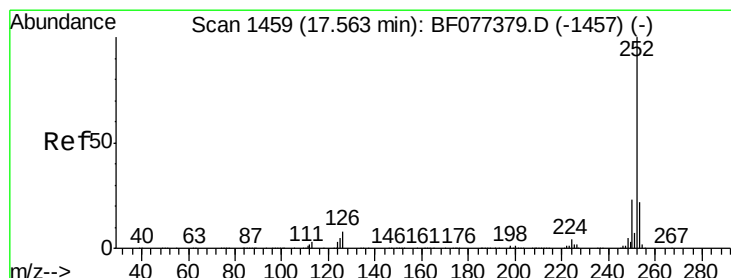
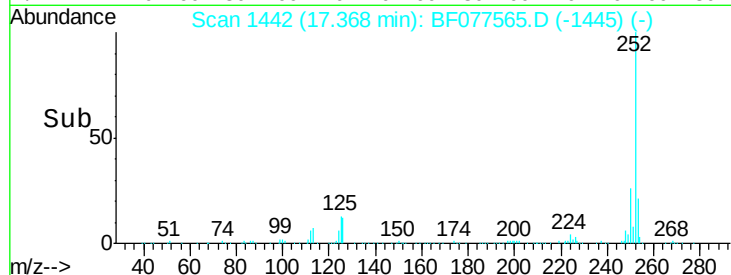
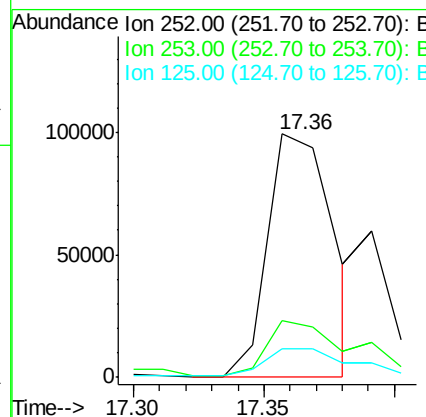
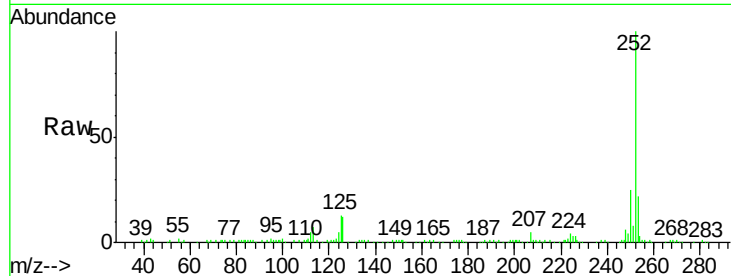
#87
Benzo(b)fluoranthene
Concen: 7.52 ng
RT: 17.36 min Scan# 1442
Delta R.T. -0.14 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Instrument :
BNA_F
ClientSampleId :
SB2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.6	26.4
125	12.5	5.4	8.2

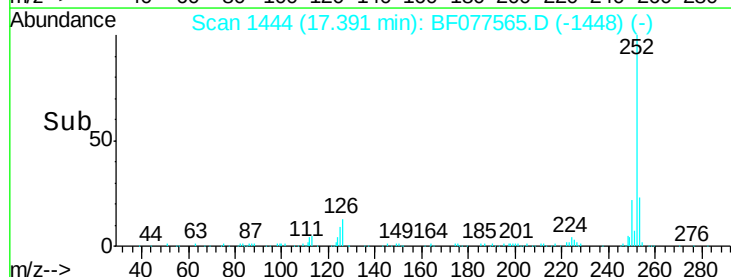
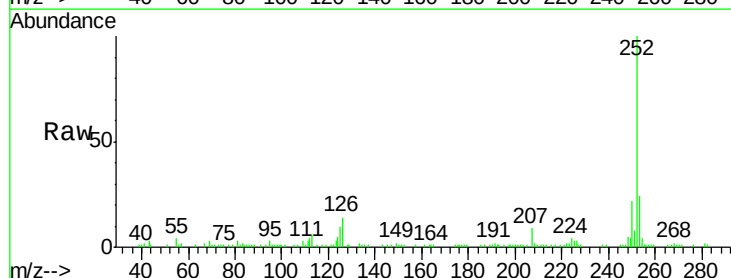
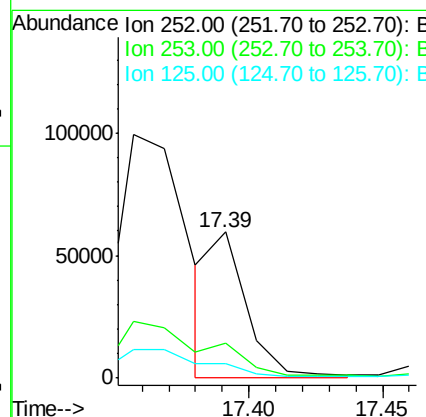
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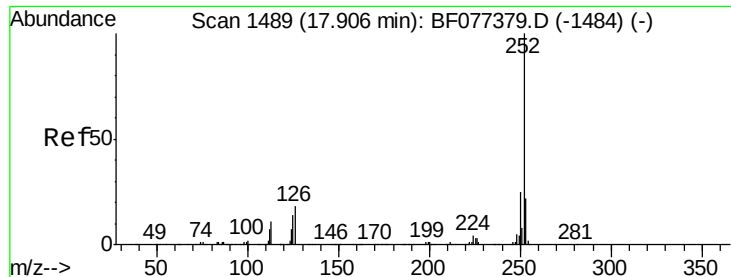
mohammad
3/4/2015 4:42:04 PM



#88
Benzo(k)fluoranthene
Concen: 2.46 ng m
RT: 17.39 min Scan# 1444
Delta R.T. -0.14 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.2	18.1	27.1
125	9.8	10.1	15.1





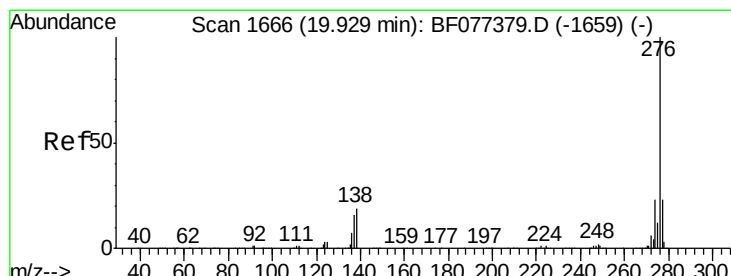
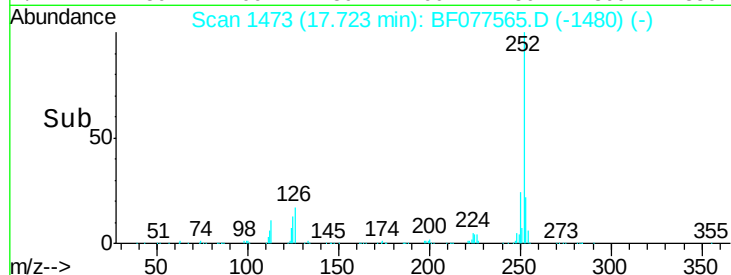
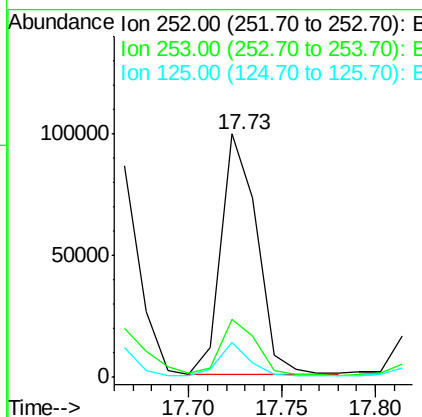
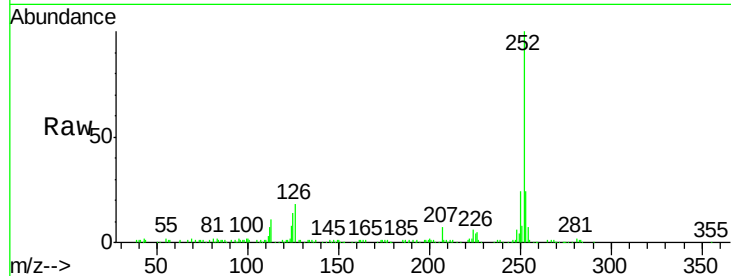
#89
Benzo(a)pyrene
Concen: 6.05 ng
RT: 17.73 min Scan# 1473
Delta R.T. -0.18 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Instrument :
BNA_F
ClientSampled :
SB2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.7	18.2	27.2
125	14.4	8.3	12.5

Manual Integrations
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3/4/2015 4:42:04 PM



#91
Benzo(g,h,i)perylene
Concen: 3.79 ng
RT: 19.64 min Scan# 1641
Delta R.T. -0.22 min
Lab File: BF077565.D
Acq: 4 Mar 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.9	18.9	28.3
138	21.2	20.5	30.7

