

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077533.D
 Acq On : 2 Mar 2015 20:21
 Operator : TP/IZ
 Sample : G1399-06
 Misc : S
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Manual Integrations
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Quant Time: Mar 03 04:19:26 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	96122	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	377756	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	191086	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	366105	20.00	ng	0.00
75) Chrysene-d12	16.14	240	415334	20.00	ng	0.00
86) Perylene-d12	17.85	264	406582	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	427828	74.30	ng	0.00
7) Phenol-d6	6.82	99	528410	71.38	ng	0.00
23) Nitrobenzene-d5	7.95	82	319689	52.63	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	143077	77.76	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	656385	53.56	ng	0.00
78) Terphenyl-d14	14.85	244	813762	45.80	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.86	128	72485	3.84	ng	99
70) Phenanthrene	12.88	178	89518	4.22	ng	98
74) Fluoranthene	14.36	202	86507	3.73	ng	97
77) Pyrene	14.64	202	71682	2.82	ng	98
87) Benzo(b)fluoranthene	17.41	252	67919m	2.87	ng	
91) Benzo(g,h,i)perylene	19.72	276	46727	2.16	ng	97

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

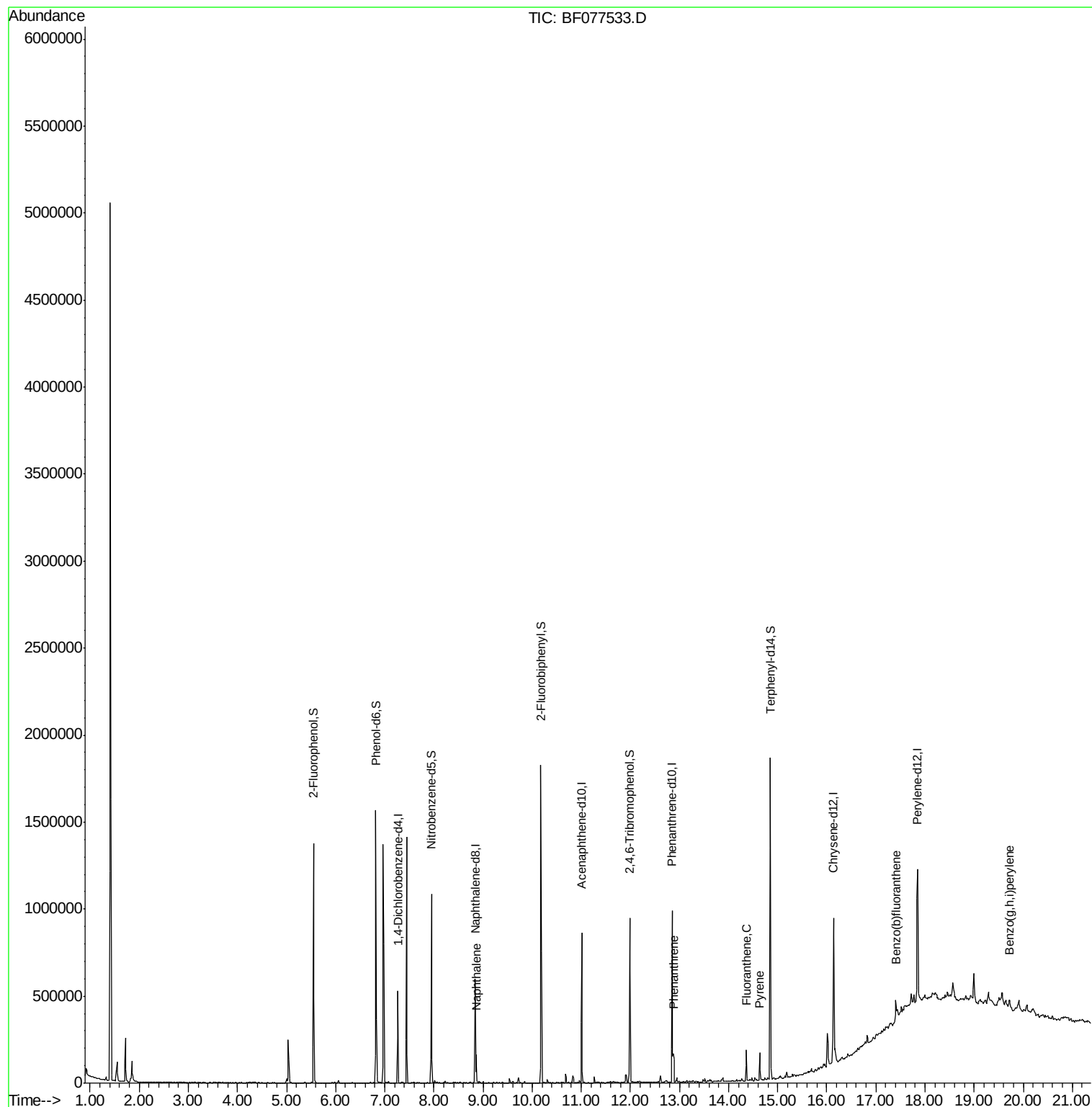
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077533.D
Acq On : 2 Mar 2015 20:21
Operator : TP/IZ
Sample : G1399-06
Misc : S
ALS Vial : 14 Sample Multiplier: 1

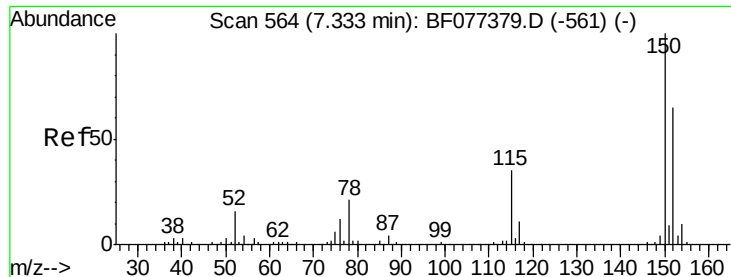
Instrument :
BNA_F
ClientSampleId :
SB14

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Quant Time: Mar 03 04:19:26 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





#1

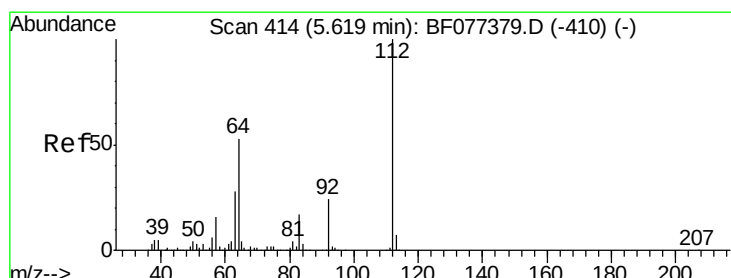
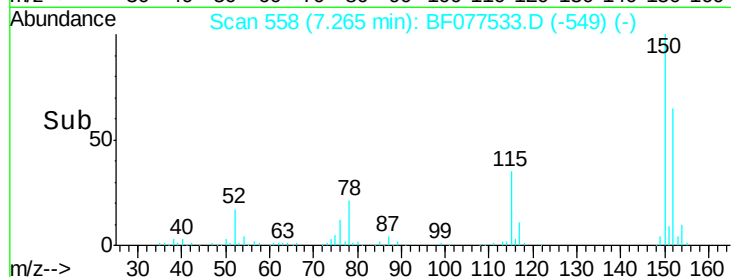
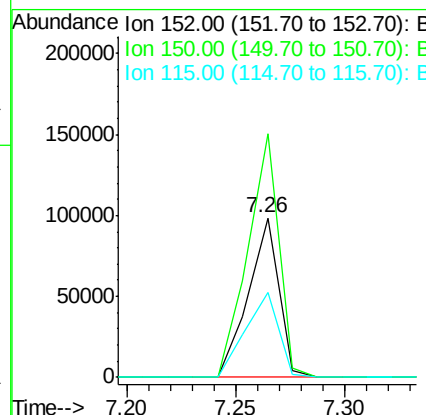
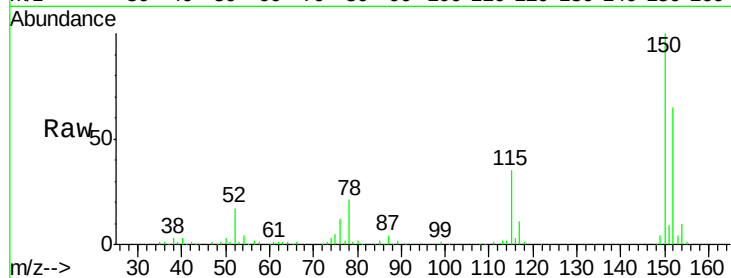
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB14

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.0	186.0
115	53.5	49.4	74.2

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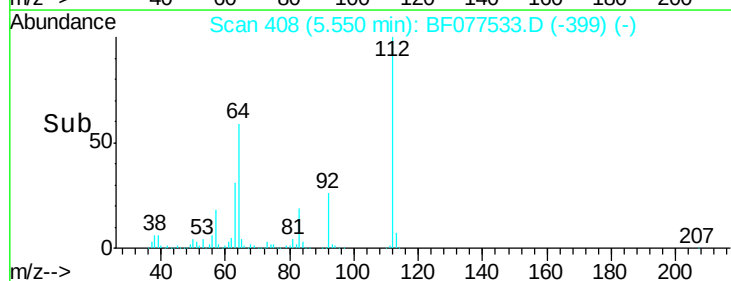
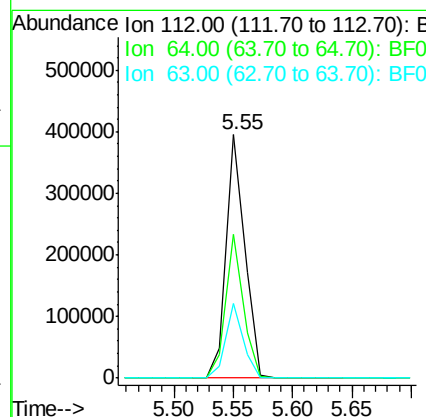
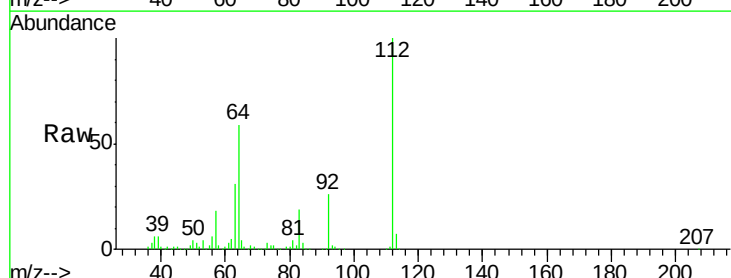
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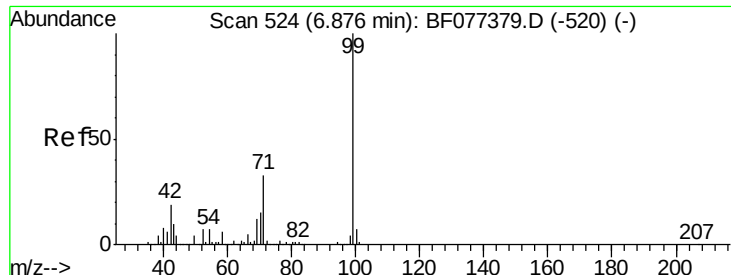


#5

2-Fluorophenol
Concen: 74.30 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.01 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.5	72.7
63	30.9	25.0	37.4





#7

Phenol-d6

Concen: 71.38 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

Instrument :

BNA_F

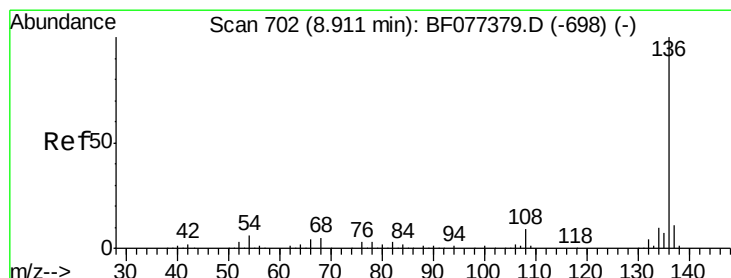
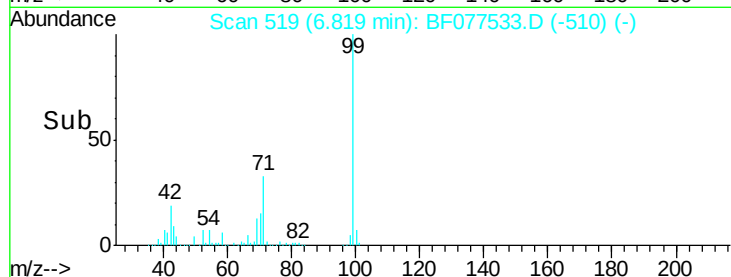
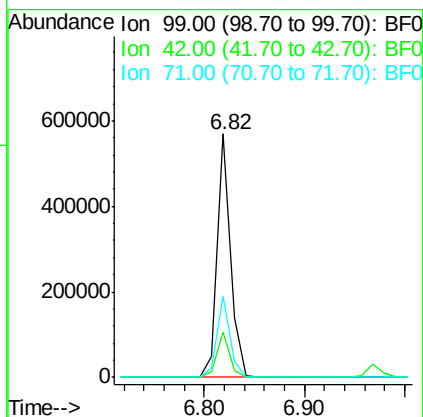
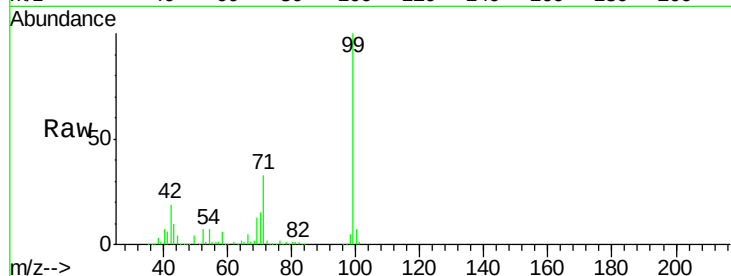
ClientSampleId :

SB14

Tgt Ion:	99	Resp:	528410
Ion Ratio	Lower	Upper	
99	100		
42	18.8	16.2	24.4
71	33.4	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

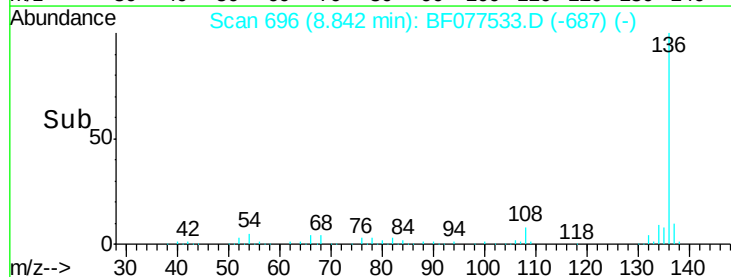
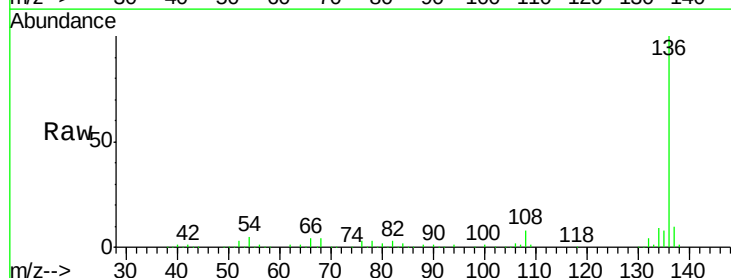
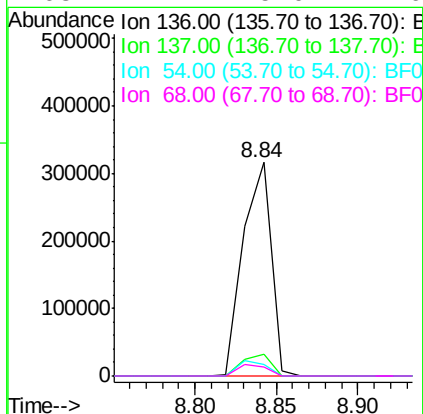
RT: 8.84 min Scan# 696

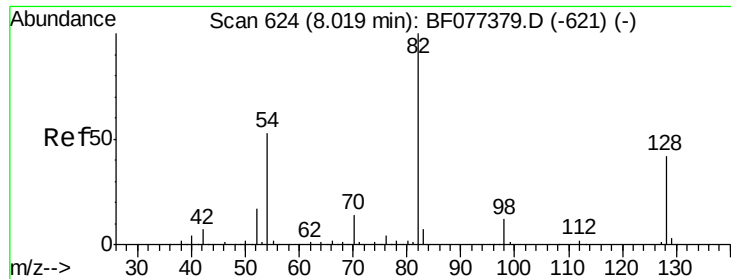
Delta R.T. 0.00 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

Tgt Ion:	136	Resp:	377756
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.6	13.0
54	5.4	6.2	9.4#
68	4.2	5.0	7.6#





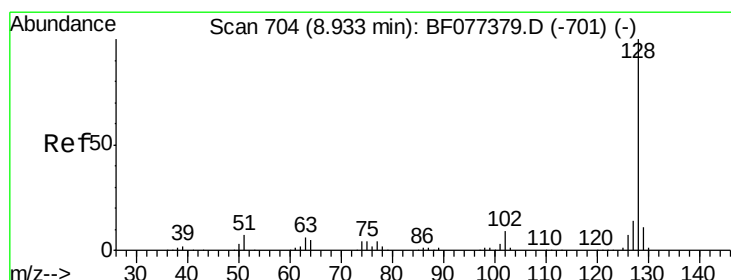
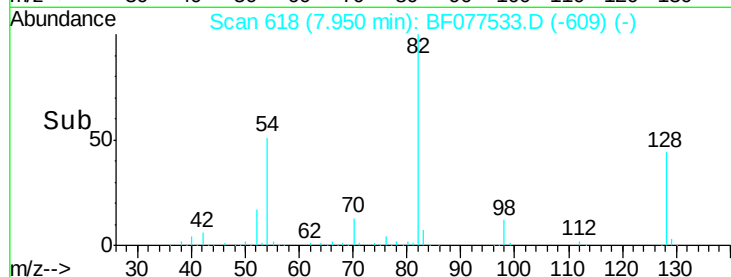
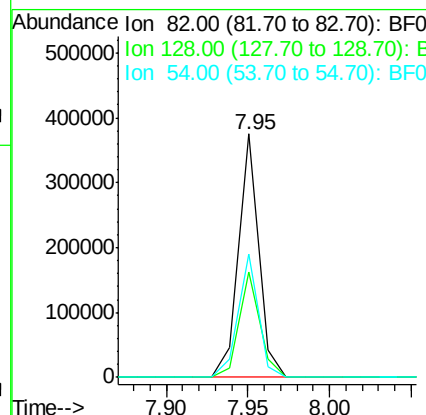
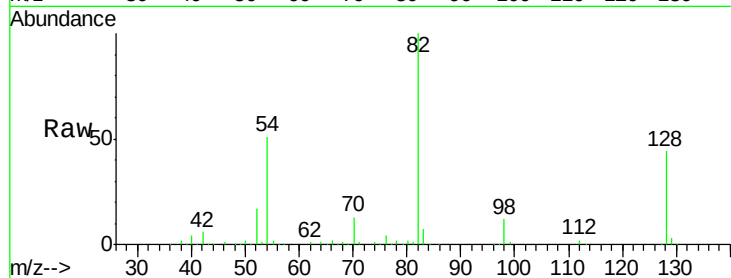
#23
 Nitrobenzene-d5
 Concen: 52.63 ng
 RT: 7.95 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Instrument :
 BNA_F
 ClientSampled :
 SB14

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	319689		
128	43.5	43.8	65.8#	
54	50.9	36.7	55.1	

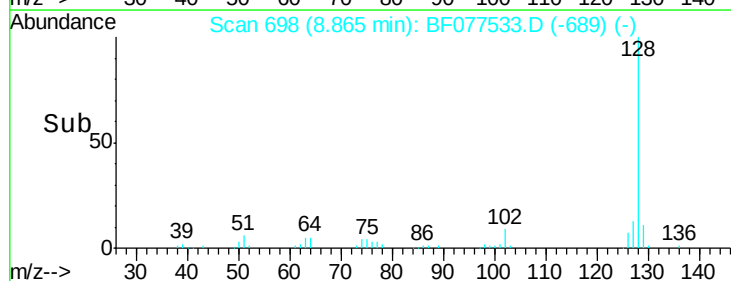
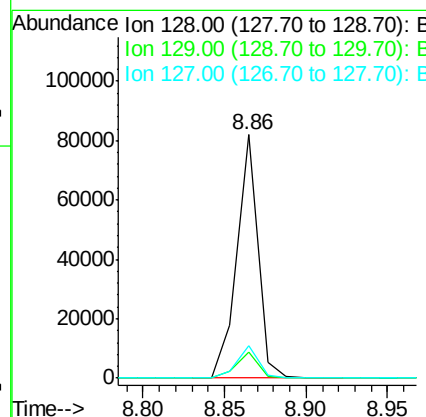
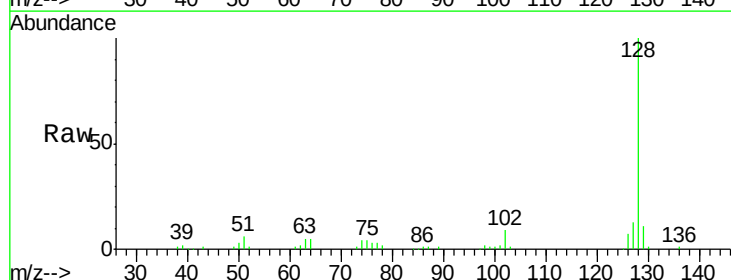
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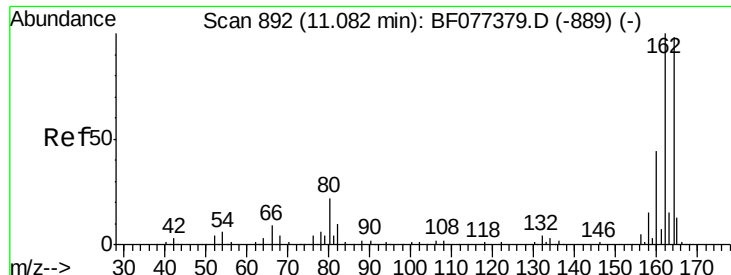
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#31
 Naphthalene
 Concen: 3.84 ng
 RT: 8.86 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	72485		
129	10.7	9.4	14.0	
127	13.1	10.6	15.8	





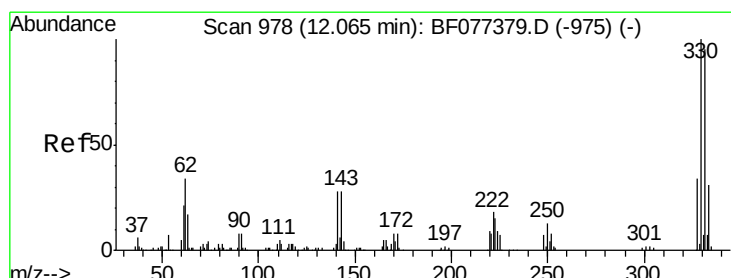
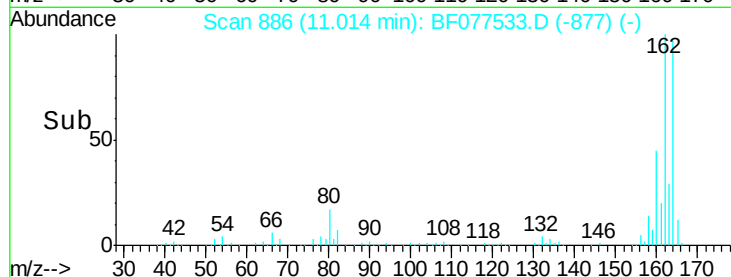
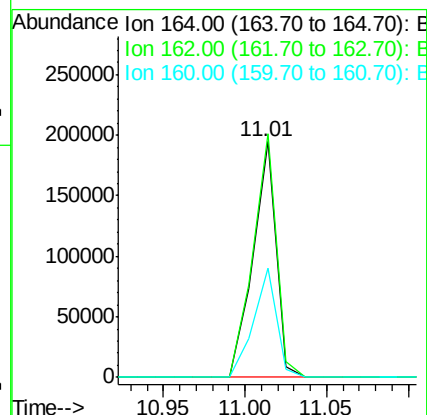
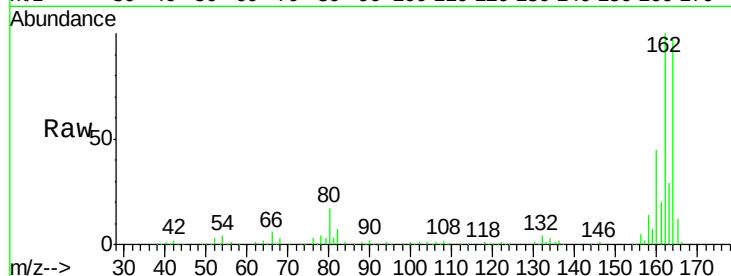
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191086		
162	103.4	83.2	124.8	
160	46.5	34.6	52.0	

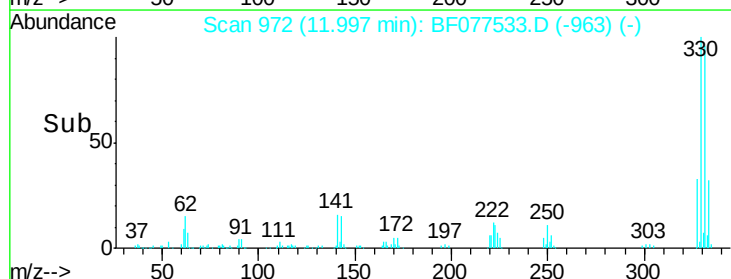
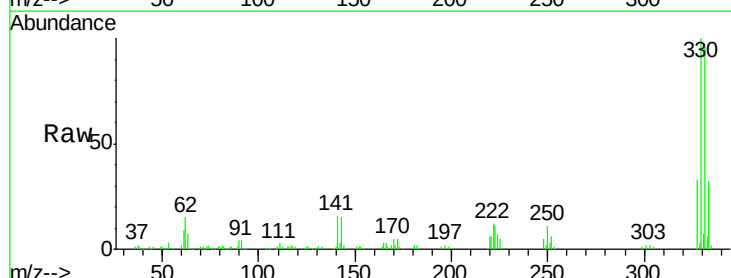
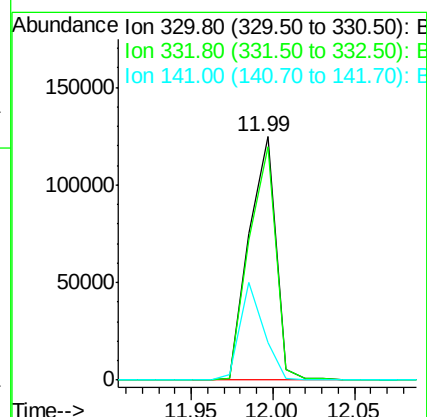
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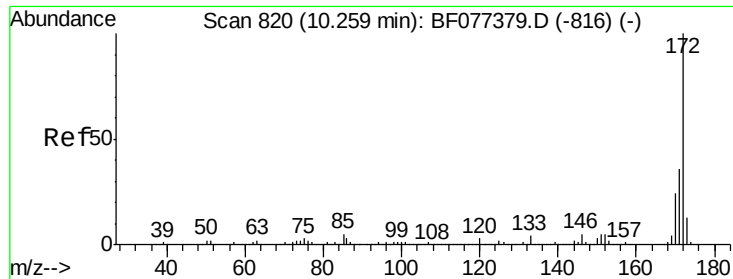
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#41
2,4,6-Tribromophenol
Concen: 77.76 ng
RT: 11.99 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	143077		
332	95.9	77.4	116.2	
141	35.6	28.8	43.2	





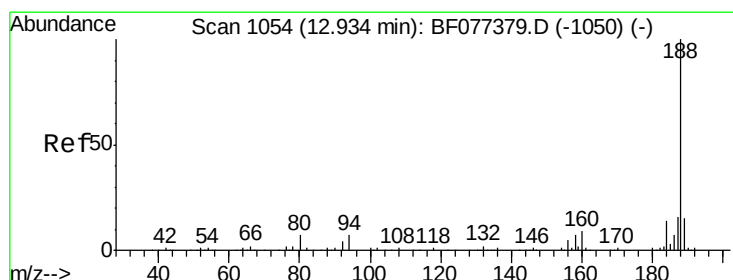
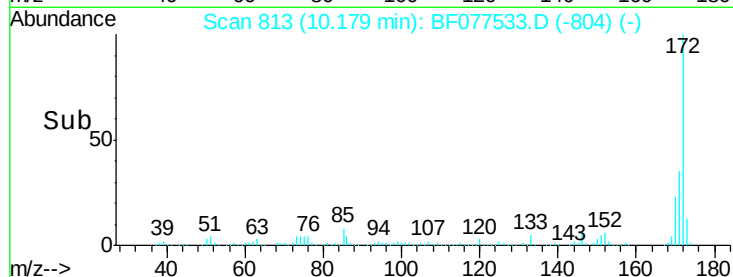
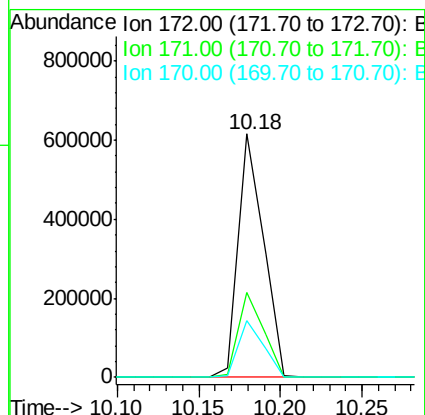
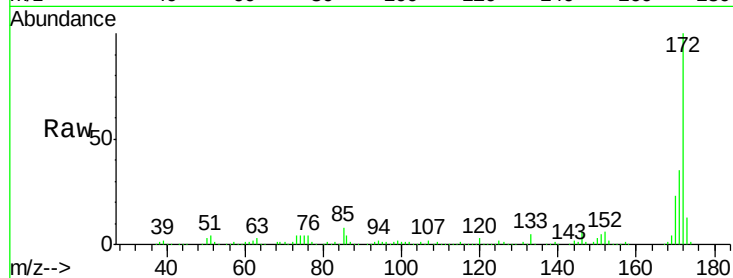
#44
 2-Fluorobiphenyl
 Concen: 53.56 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.0	28.9	43.3
170	23.5	19.4	29.2

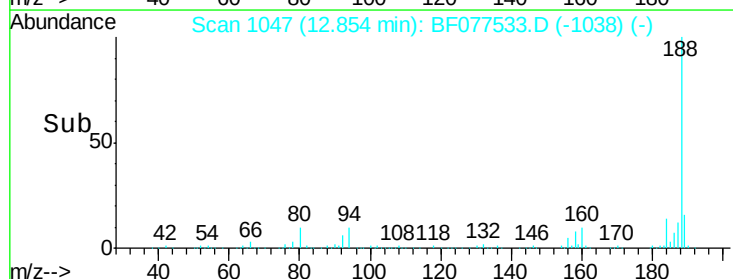
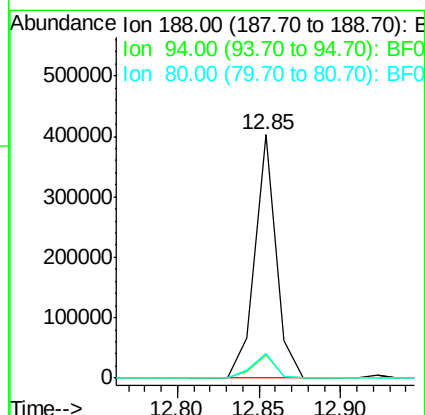
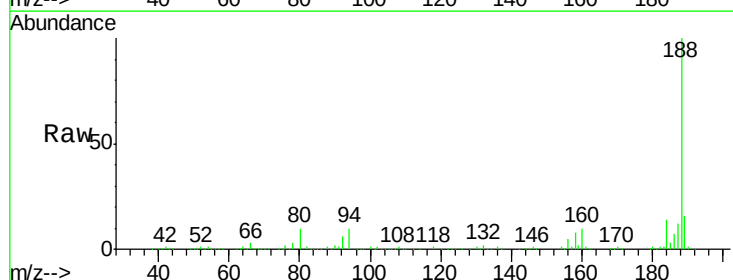
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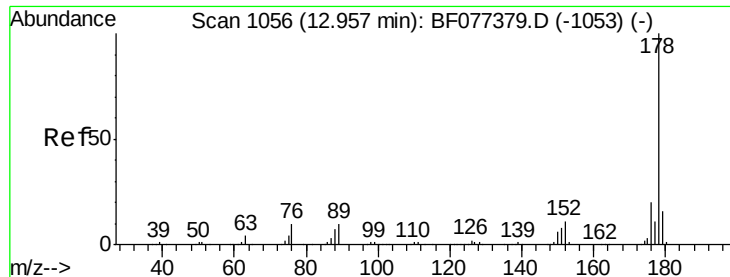
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.85 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	7.4	11.2
80	9.9	8.0	12.0





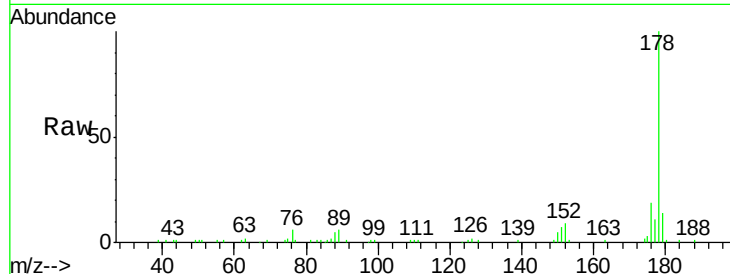
#70
Phenanthrene
Concen: 4.22 ng
RT: 12.88 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB14

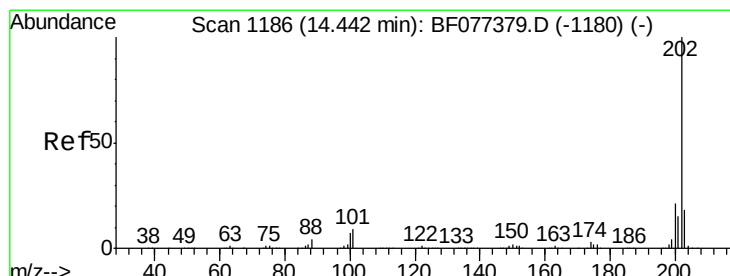
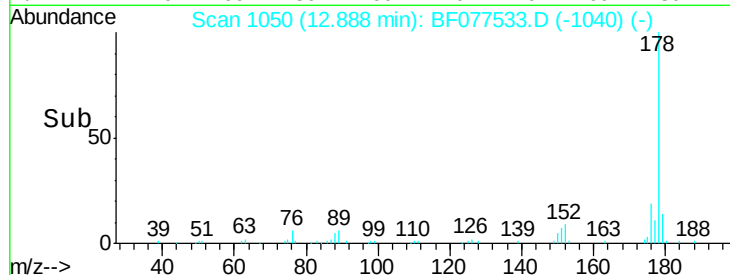
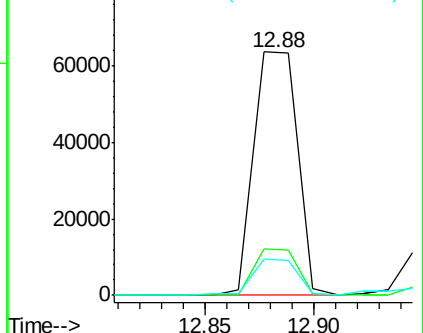
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	14.2	12.2	18.2

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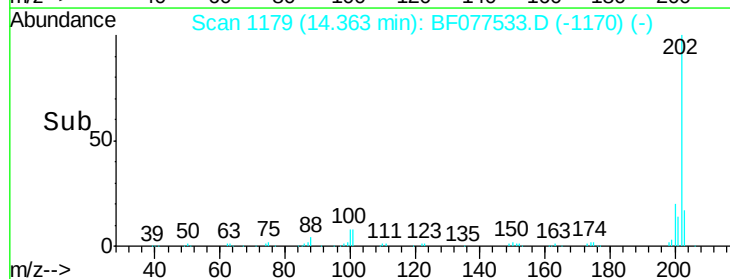
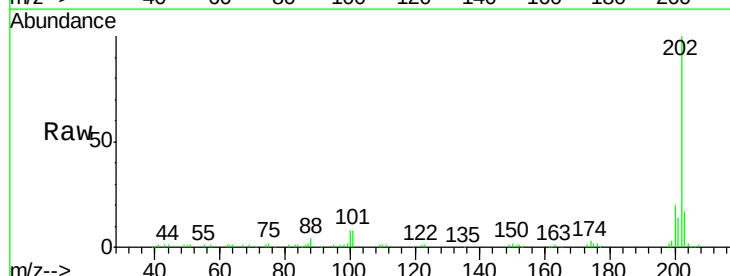
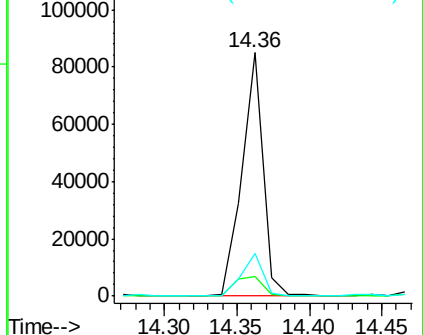
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Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

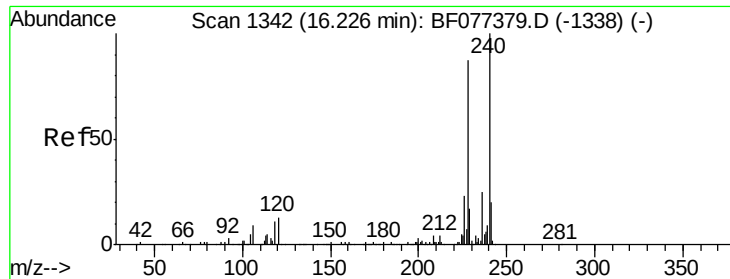


#74
Fluoranthene
Concen: 3.73 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	30.8
203	17.5	0.0	37.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





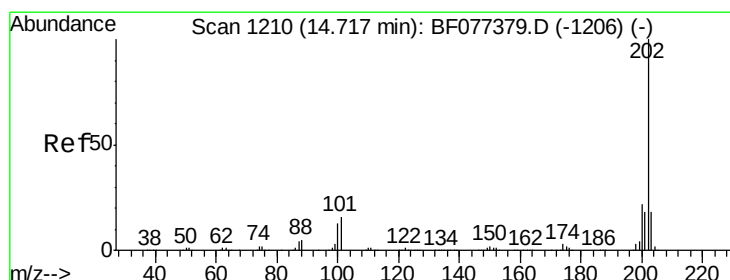
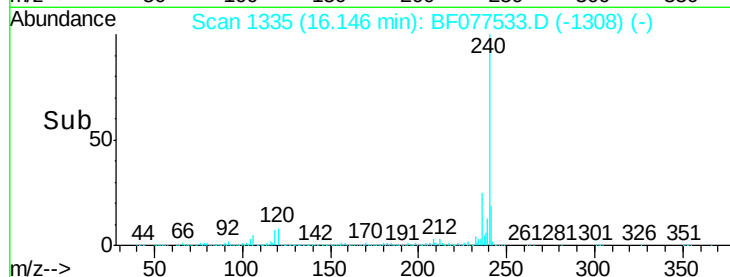
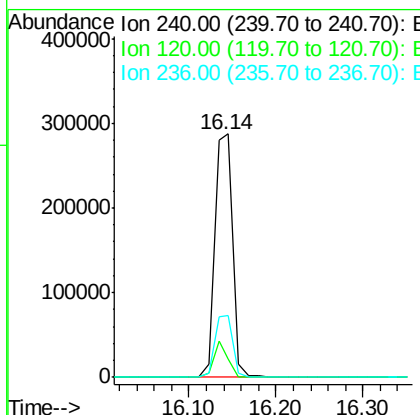
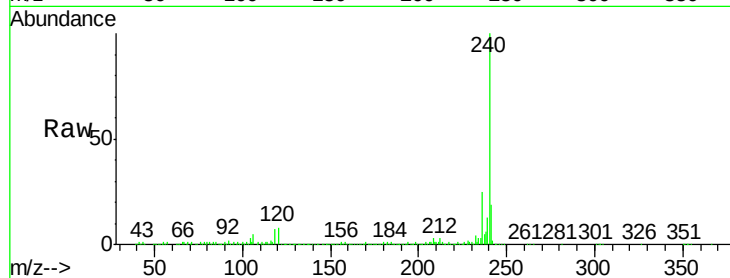
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	415334		
120	7.6	8.8	13.2	
236	25.2	20.7	31.1	

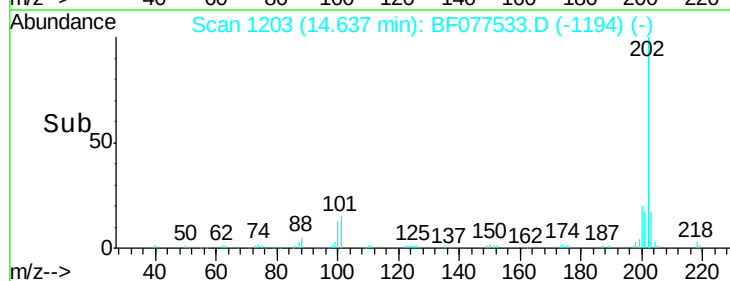
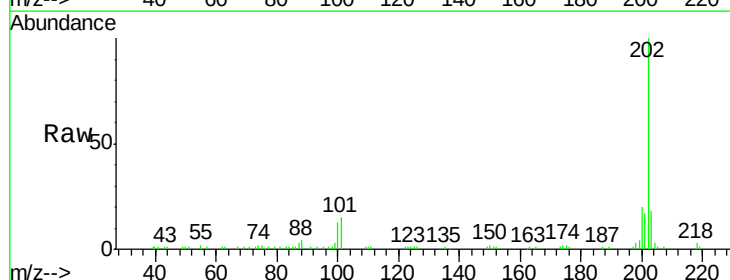
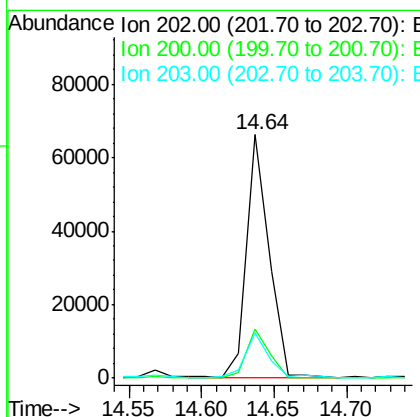
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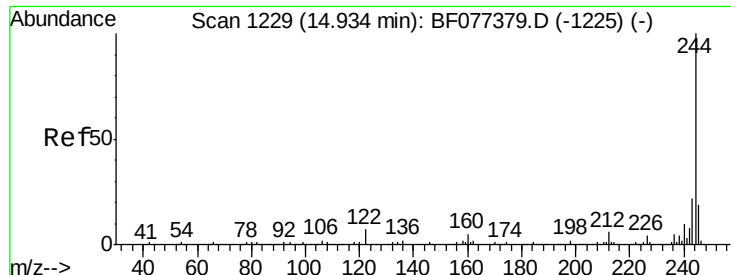
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#77
Pyrene
Concen: 2.82 ng
RT: 14.64 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	71682		
200	19.9	17.1	25.7	
203	18.4	14.2	21.2	





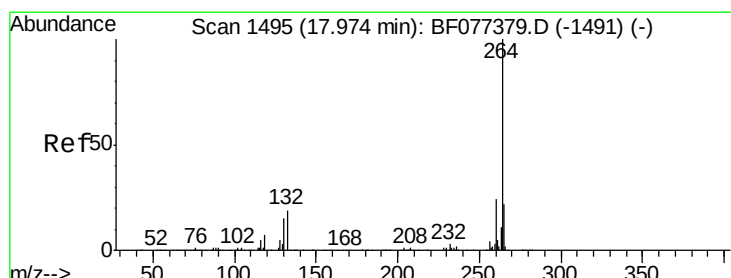
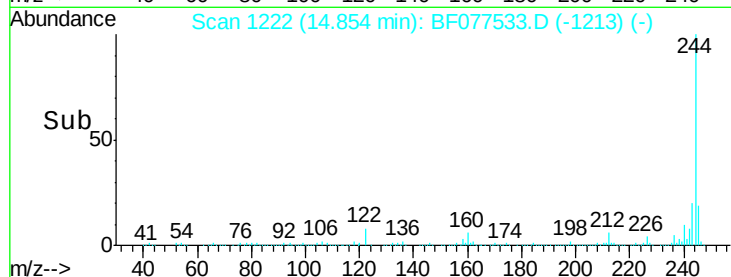
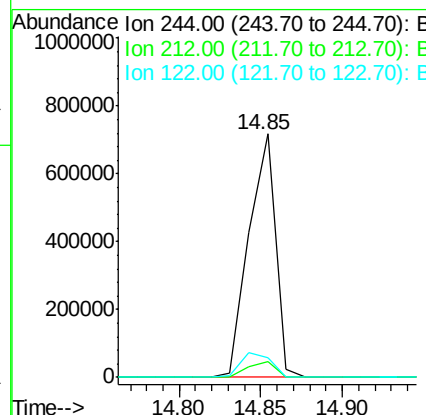
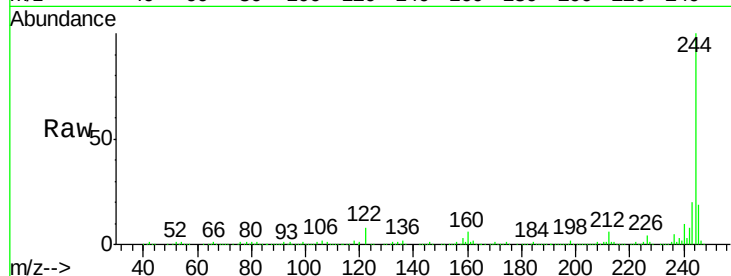
#78
 Terphenyl-d14
 Concen: 45.80 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	8.0	7.8	11.8

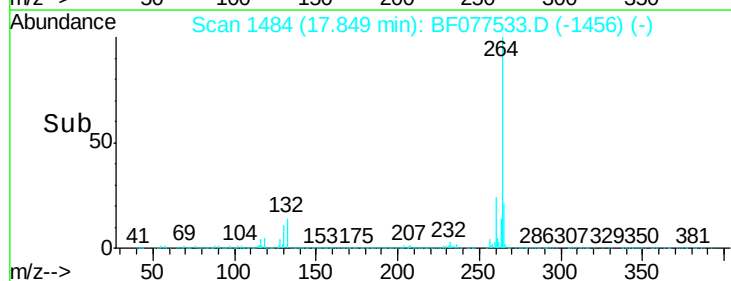
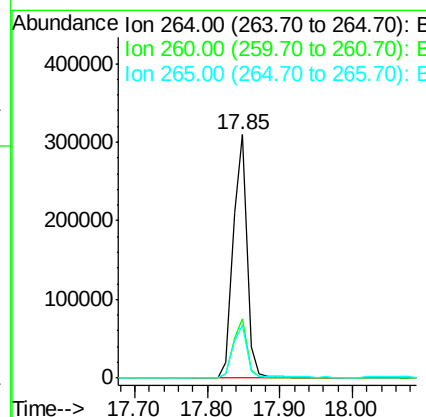
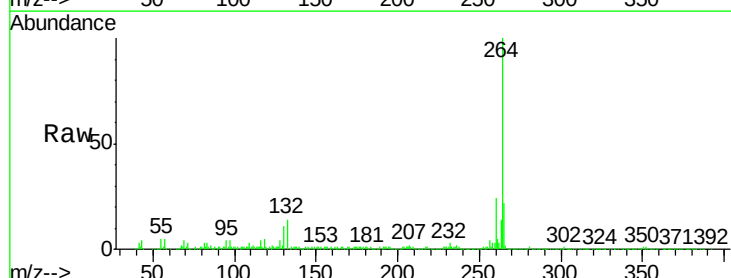
Manual Integrations
 APPROVED

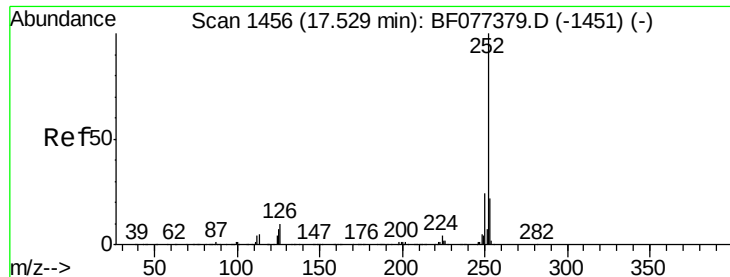
apatel
 3/3/2015 6:26:22 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.02 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.7	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 2.87 ng m

RT: 17.41 min Scan# 1446

Delta R.T. 0.02 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

Instrument :

BNA_F

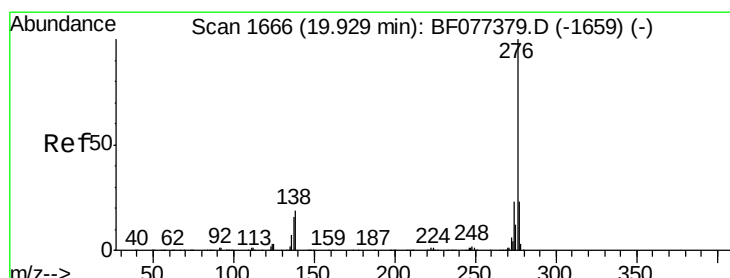
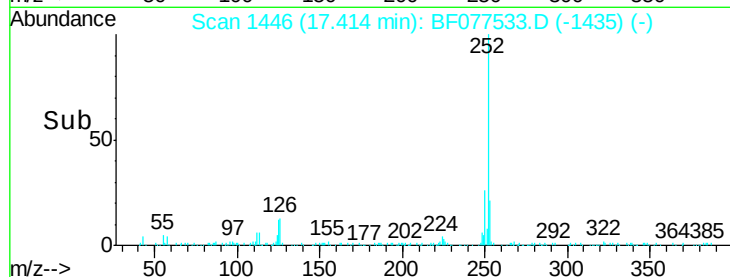
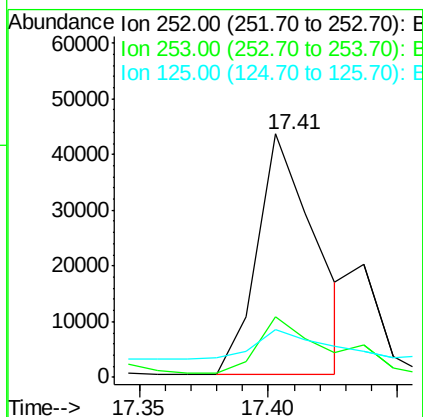
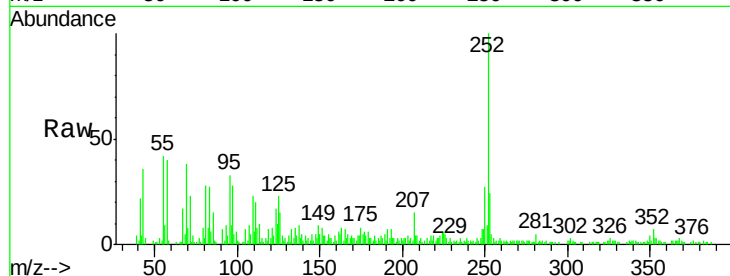
ClientSampled :

SB14

Tgt Ion:	252	Resp:	67919
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.6	26.4
125	22.9	5.4	8.2#

Manual Integrations
APPROVED

apatel
3/3/2015 6:26:22 PM



#91

Benzo(g,h,i)perylene

Concen: 2.16 ng

RT: 19.72 min Scan# 1648

Delta R.T. 0.02 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

Tgt Ion:	276	Resp:	46727
Ion Ratio	Lower	Upper	
276	100		
277	25.3	18.9	28.3
138	27.1	20.5	30.7

