

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077534.D
 Acq On : 2 Mar 2015 20:50
 Operator : TP/IZ
 Sample : G1399-08
 Misc : S
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2

Manual Integrations
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Quant Time: Mar 03 04:23:08 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	97499	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	396459	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	194571	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	373825	20.00	ng	0.00
75) Chrysene-d12	16.15	240	429608	20.00	ng	0.02
86) Perylene-d12	17.93	264	432185	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	321046	54.97	ng	0.00
7) Phenol-d6	6.82	99	415650	55.35	ng	0.00
23) Nitrobenzene-d5	7.95	82	243442	38.18	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	106275	56.73	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	474305	38.01	ng	0.00
78) Terphenyl-d14	14.85	244	555232	30.21	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.88	178	95532	4.41	ng	98
74) Fluoranthene	14.36	202	263963	11.15	ng	100
77) Pyrene	14.64	202	269775	10.27	ng	# 96
80) Benzo(a)anthracene	16.14	228	159767	6.35	ng	97
82) Chrysene	16.18	228	142257	6.02	ng	98
85) Indeno(1,2,3-cd)pyrene	19.38	276	87849m	3.26	ng	
87) Benzo(b)fluoranthene	17.47	252	189299m	7.53	ng	
88) Benzo(k)fluoranthene	17.49	252	69364m	2.82	ng	
89) Benzo(a)pyrene	17.86	252	145971	6.10	ng	98
91) Benzo(g,h,i)perylene	19.81	276	87989	3.82	ng	97

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

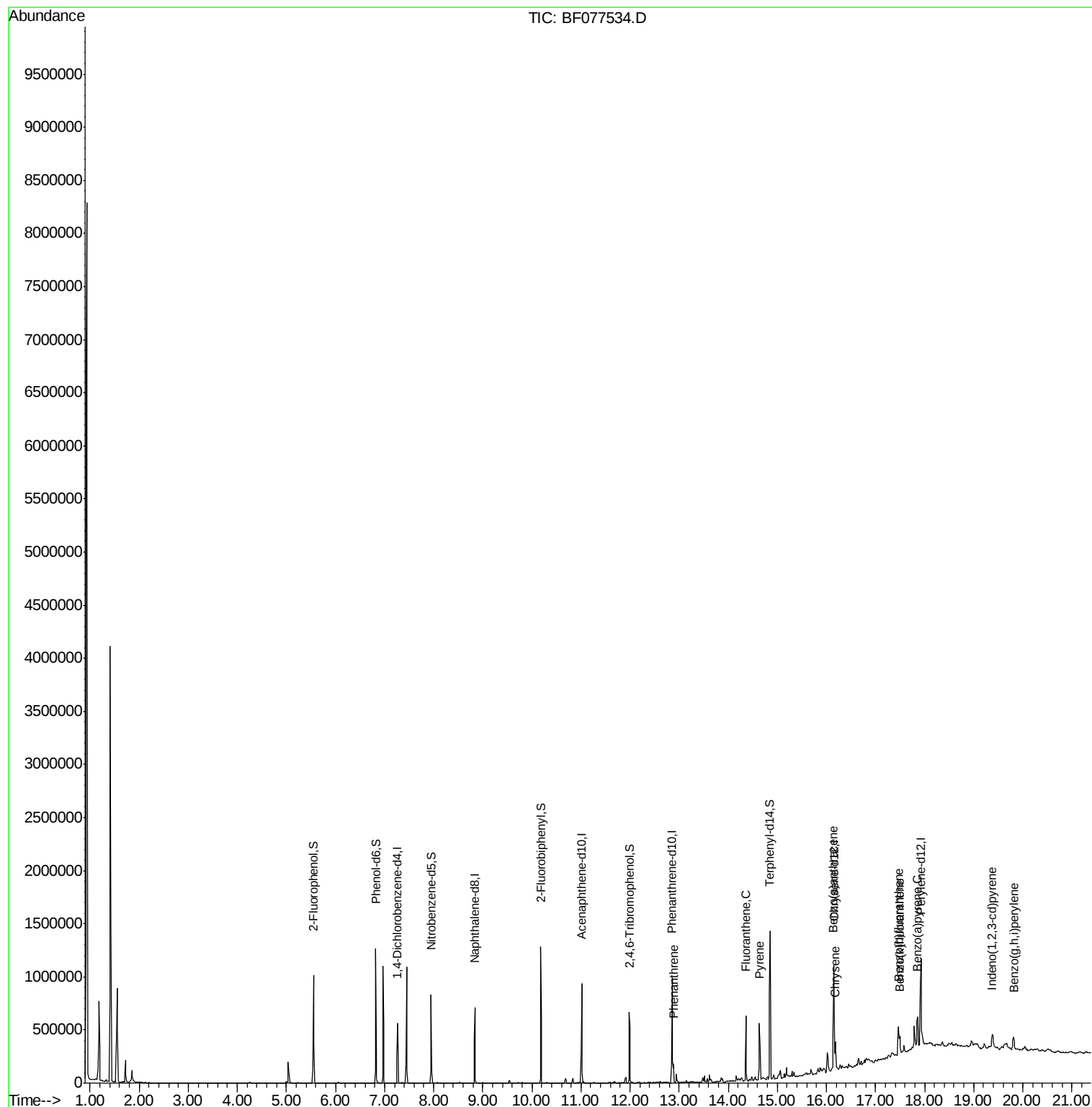
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077534.D
Acq On : 2 Mar 2015 20:50
Operator : TP/IZ
Sample : G1399-08
Misc : S
ALS Vial : 15 Sample Multiplier: 1

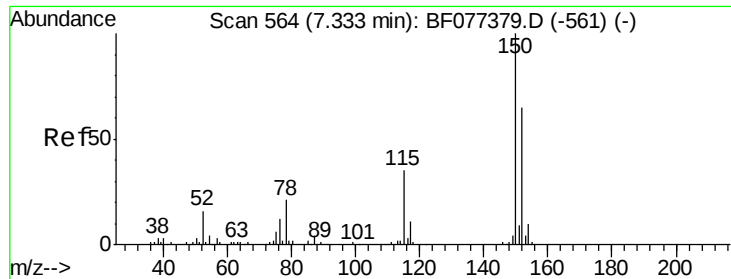
Instrument :
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ClientSampleId :
SB2

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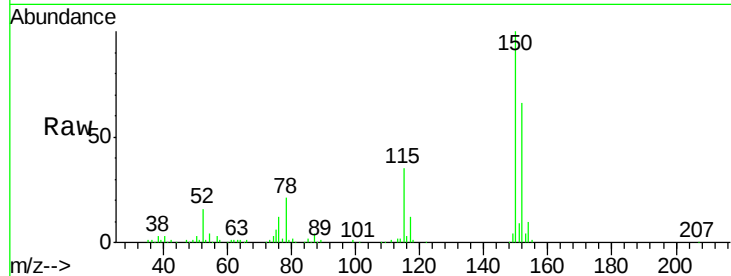




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

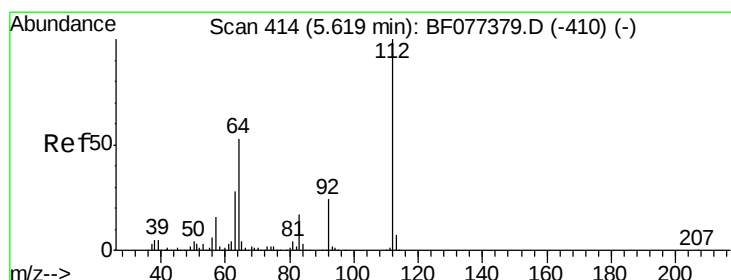
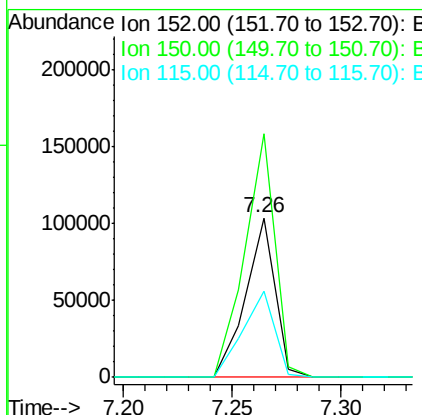
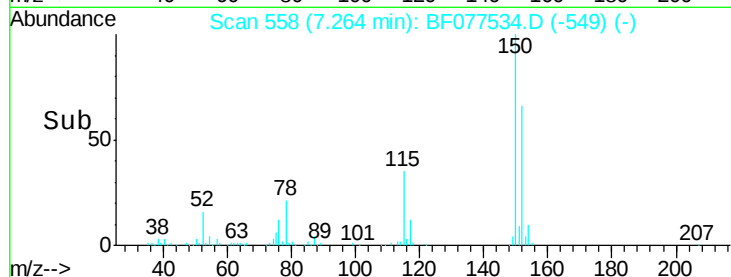
Instrument :
BNA_F
ClientSampleId :
SB2



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.0	186.0
115	53.7	49.4	74.2

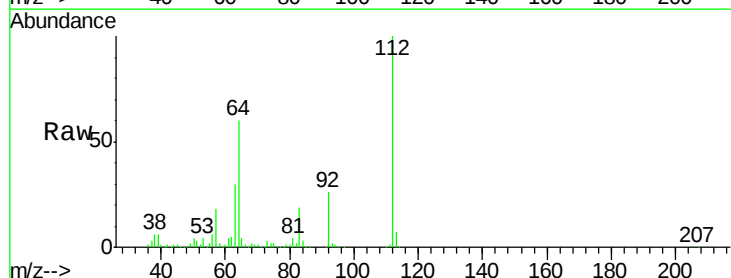
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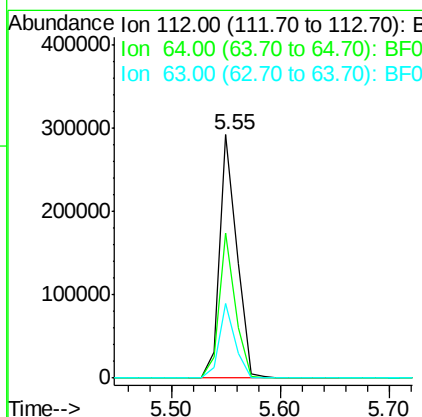
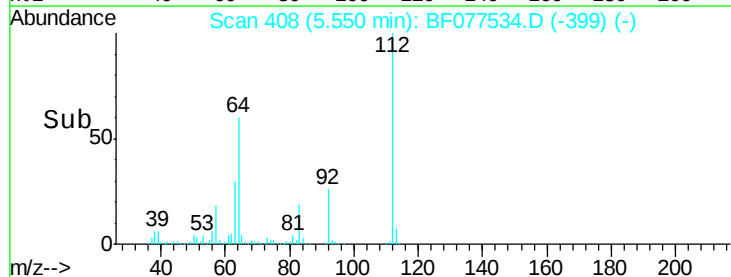


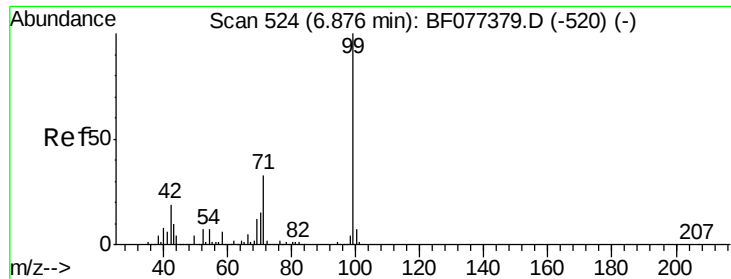
#5

2-Fluorophenol
Concen: 54.97 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.01 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50



Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	48.5	72.7
63	30.5	25.0	37.4





#7

Phenol-d6

Concen: 55.35 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077534.D

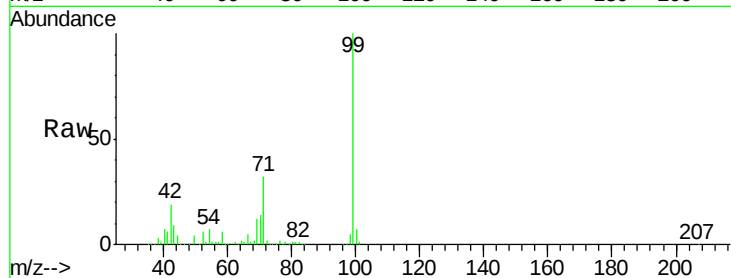
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Instrument :

BNA_F

ClientSampleId :

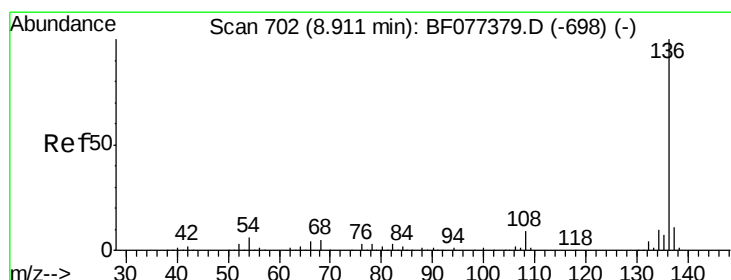
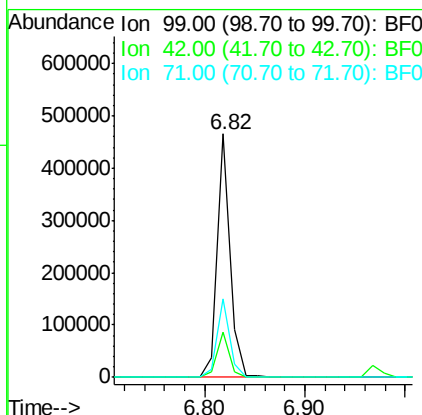
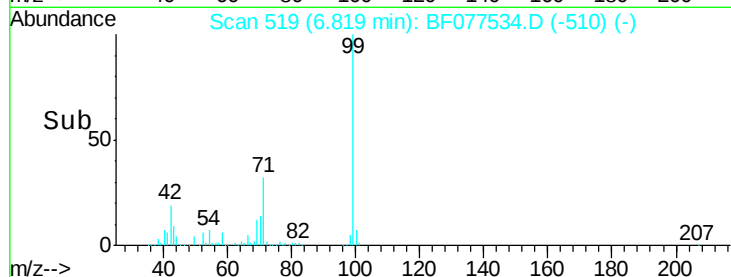
SB2



Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.2	24.4
71	32.4	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

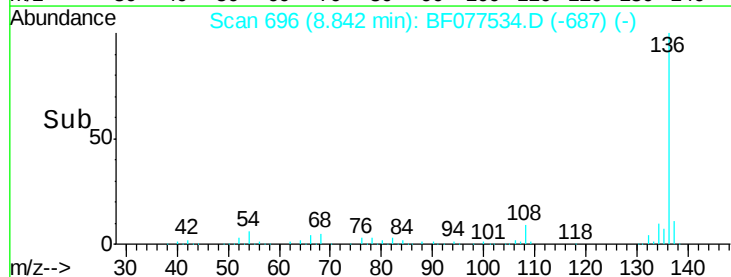
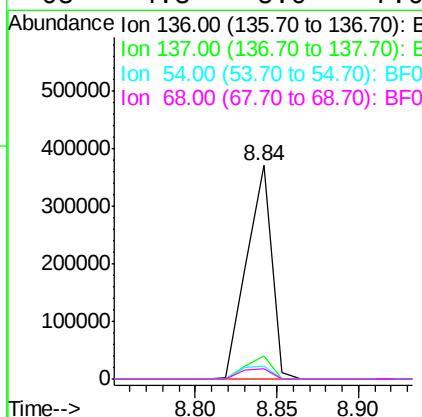
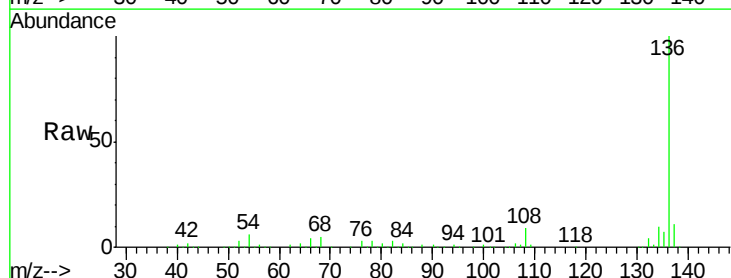
RT: 8.84 min Scan# 696

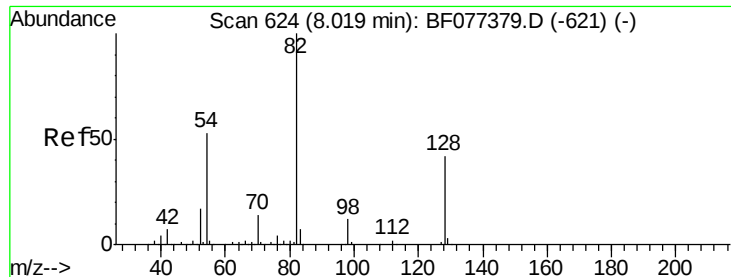
Delta R.T. 0.00 min

Lab File: BF077534.D

Acq: 2 Mar 2015 20:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.9	6.2	9.4#
68	4.8	5.0	7.6#





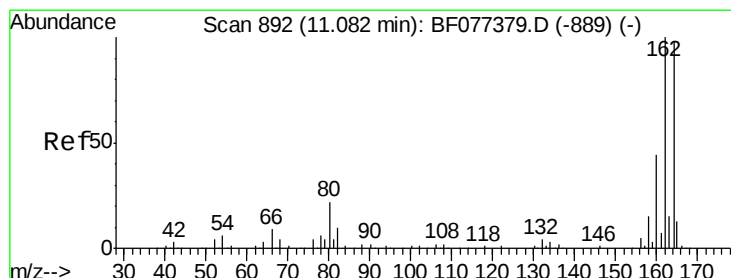
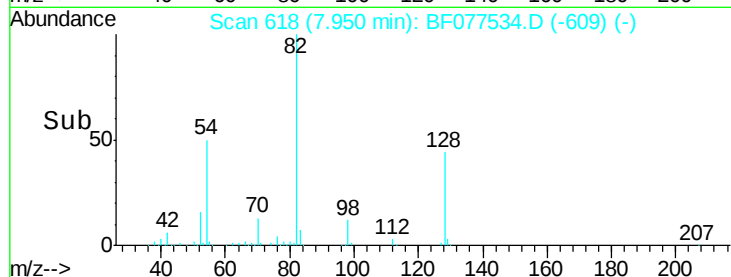
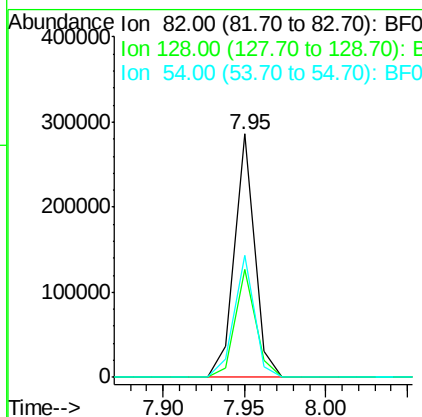
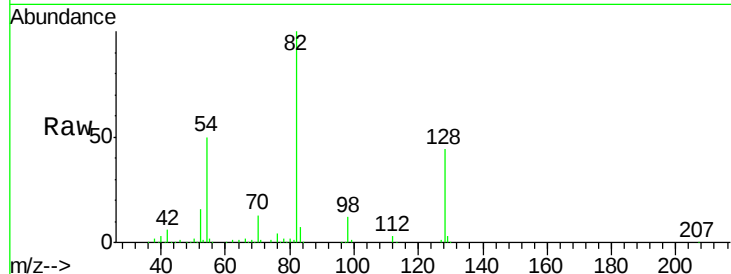
#23
Nitrobenzene-d5
Concen: 38.18 ng
RT: 7.95 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Instrument :
BNA_F
ClientSampleId :
SB2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	243442		
128	44.5	43.8	65.8	
54	50.0	36.7	55.1	

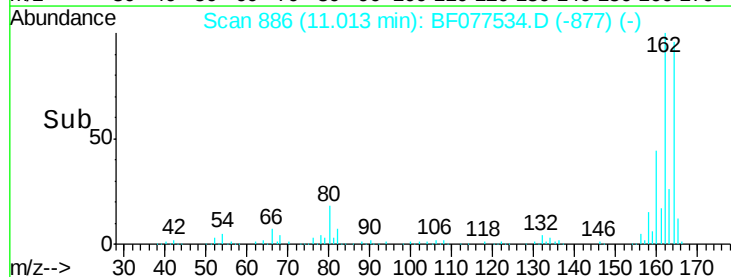
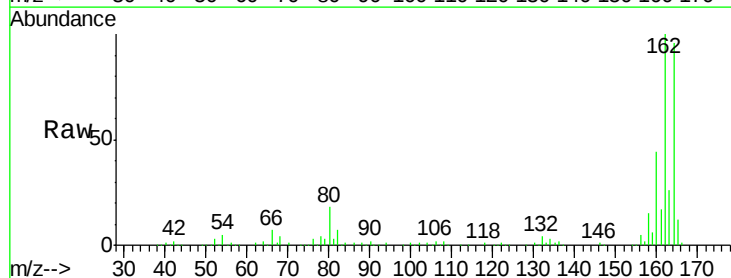
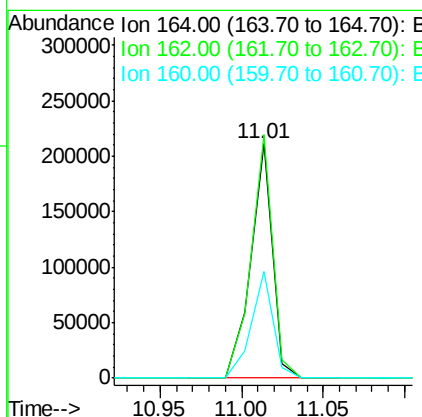
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	194571		
162	103.9	83.2	124.8	
160	45.6	34.6	52.0	





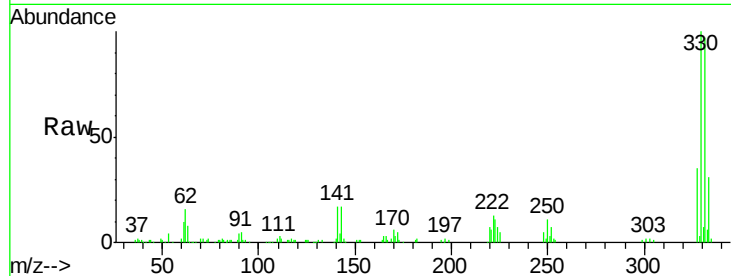
#41
 2,4,6-Tribromophenol
 Concen: 56.73 ng
 RT: 11.99 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF077534.D
 Acq: 2 Mar 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 SB2

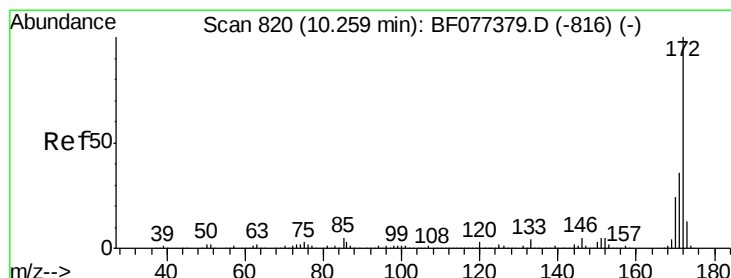
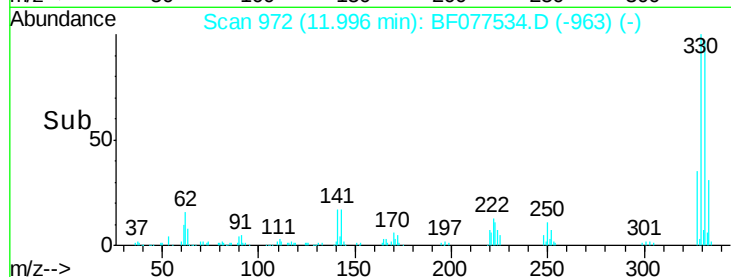
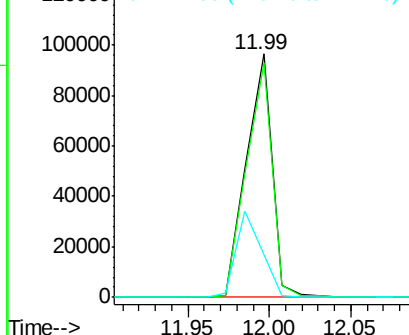
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	106275		
332	96.4		77.4	116.2
141	35.0		28.8	43.2

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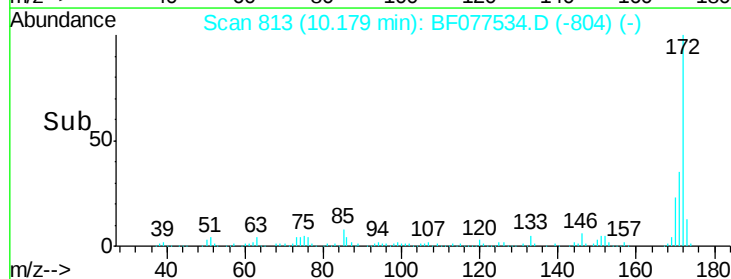
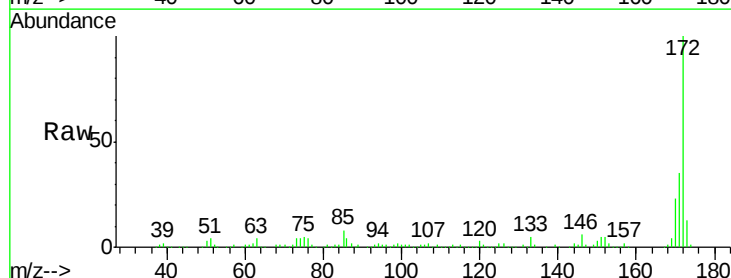
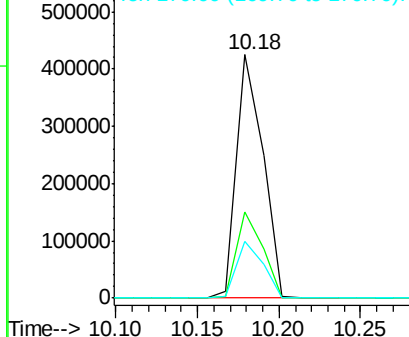
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

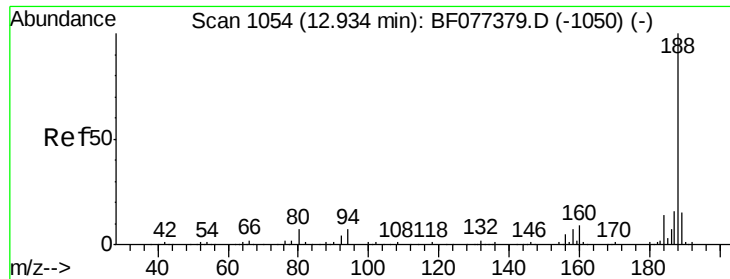


#44
 2-Fluorobiphenyl
 Concen: 38.01 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077534.D
 Acq: 2 Mar 2015 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	474305		
171	35.3		28.9	43.3
170	23.4		19.4	29.2

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





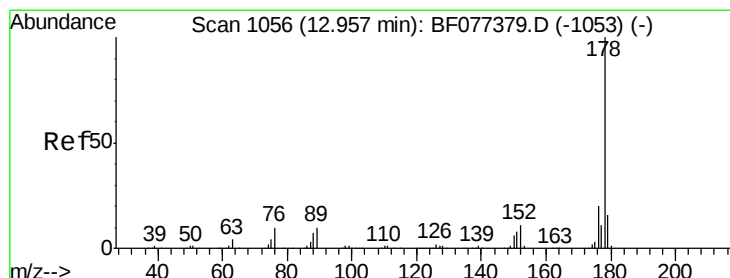
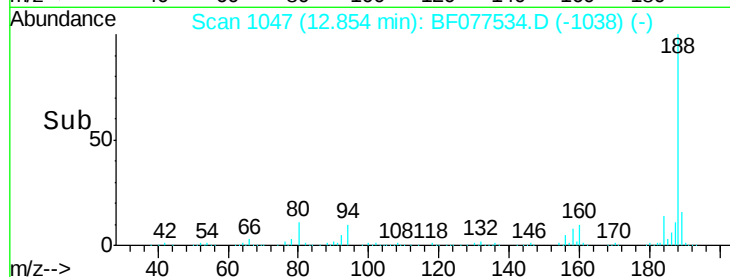
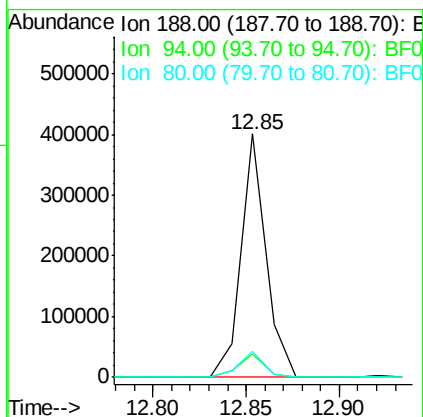
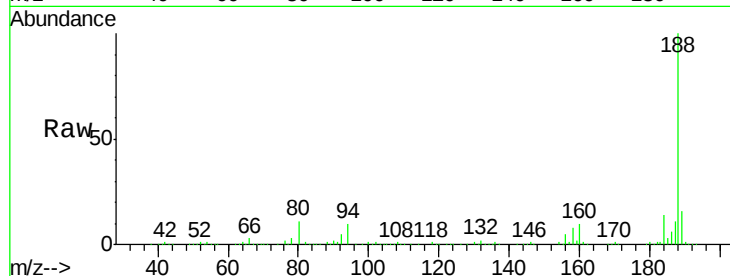
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Instrument :
BNA_F
ClientSampleId :
SB2

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	7.4	11.2
80	10.8	8.0	12.0

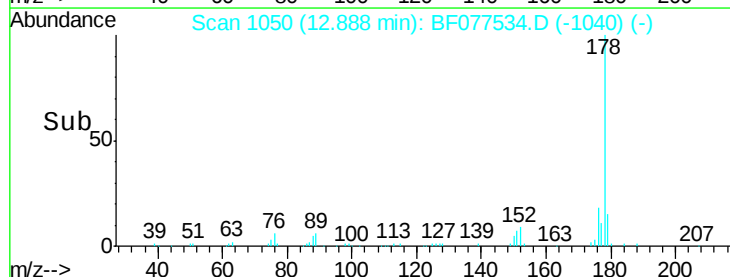
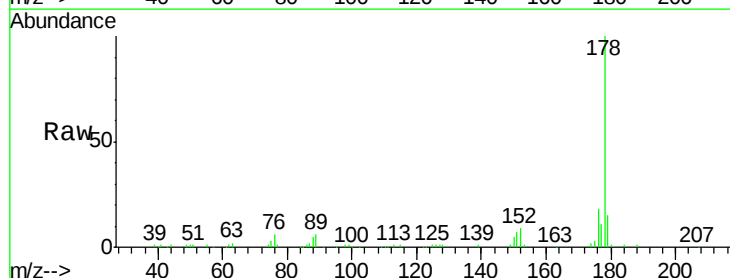
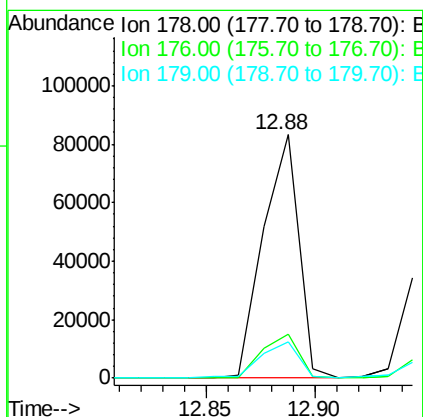
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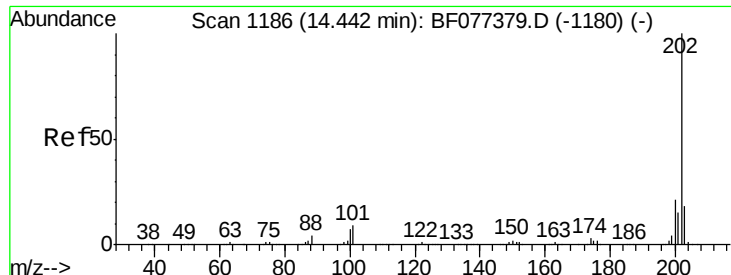
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#70
Phenanthrene
Concen: 4.41 ng
RT: 12.88 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.3	15.5	23.3
179	14.9	12.2	18.2





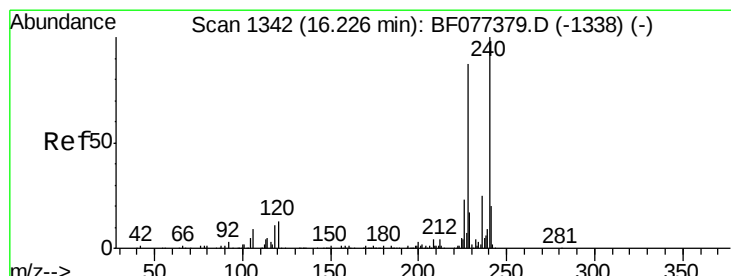
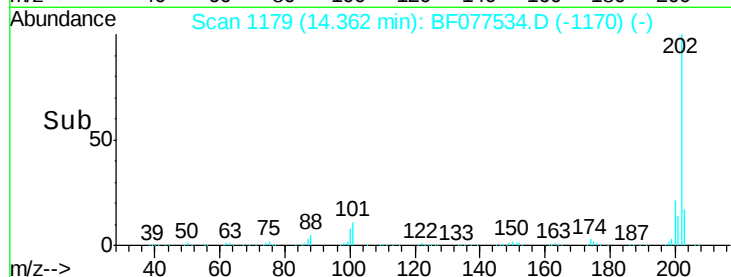
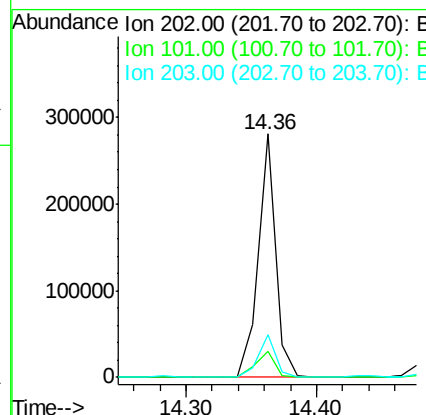
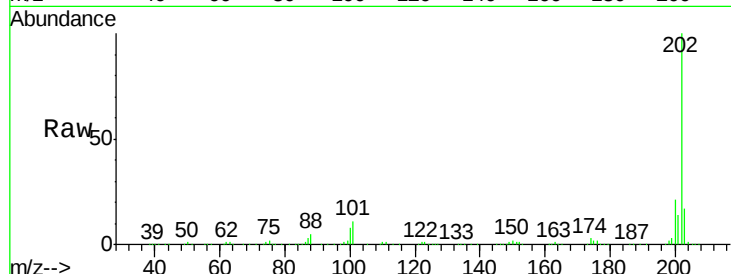
#74
 Fluoranthene
 Concen: 11.15 ng
 RT: 14.36 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF077534.D
 Acq: 2 Mar 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 SB2

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		263963		
101	10.8	0.0	30.8		
203	17.5	0.0	37.7		

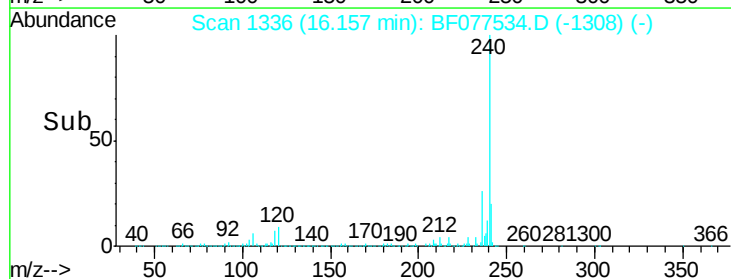
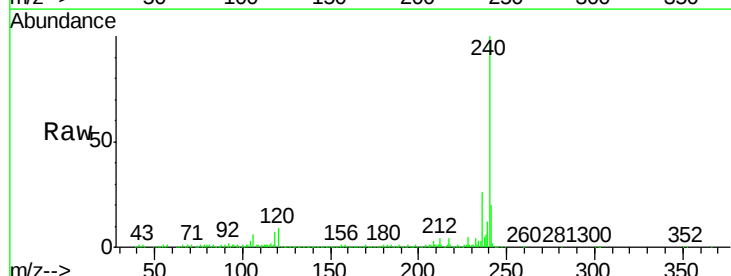
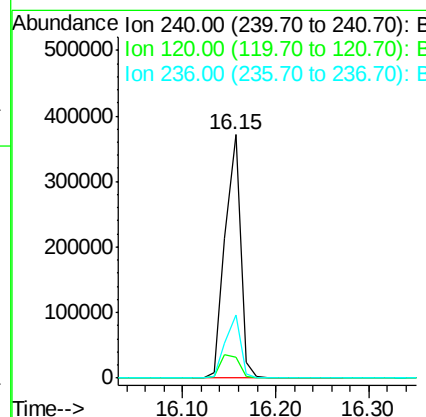
Manual Integrations
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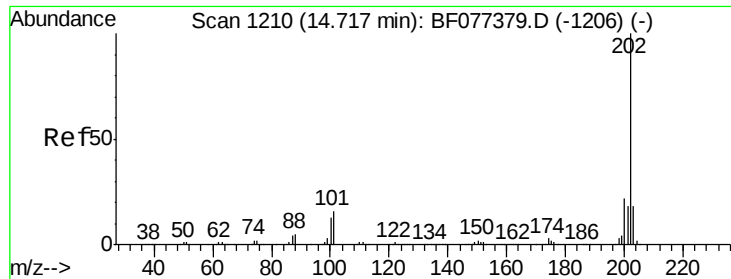
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.15 min Scan# 1336
 Delta R.T. 0.02 min
 Lab File: BF077534.D
 Acq: 2 Mar 2015 20:50

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		429608		
120	8.7	8.8	13.2#		
236	25.9	20.7	31.1		





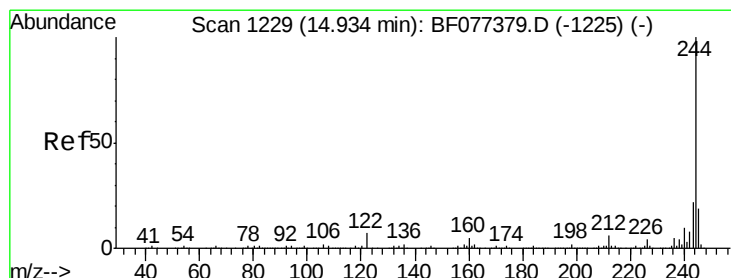
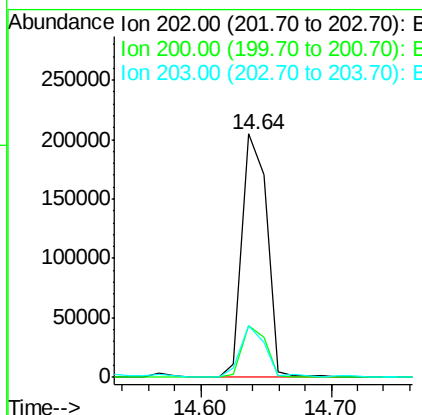
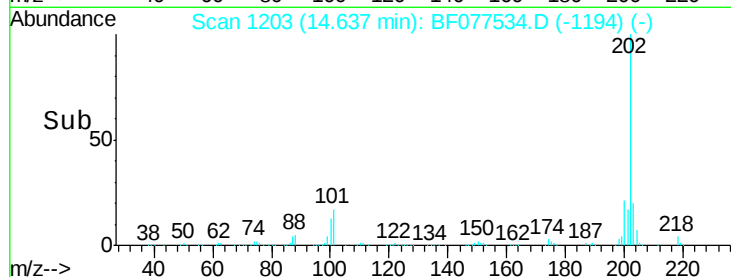
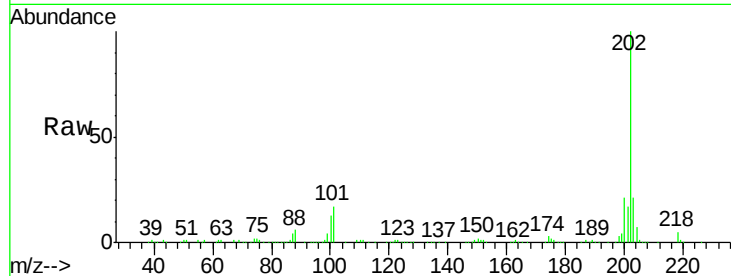
#77
 Pyrene
 Concen: 10.27 ng
 RT: 14.64 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF077534.D
 Acq: 2 Mar 2015 20:50

Instrument :
 BNA_F
 ClientSampled :
 SB2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	17.1	25.7
203	21.3	14.2	21.2

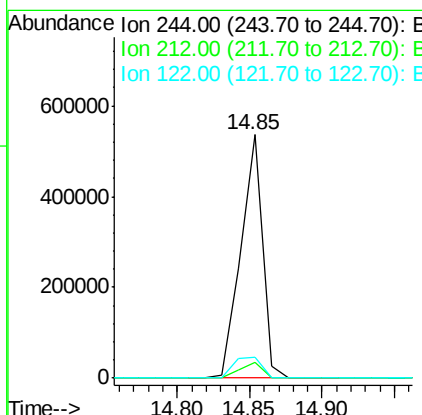
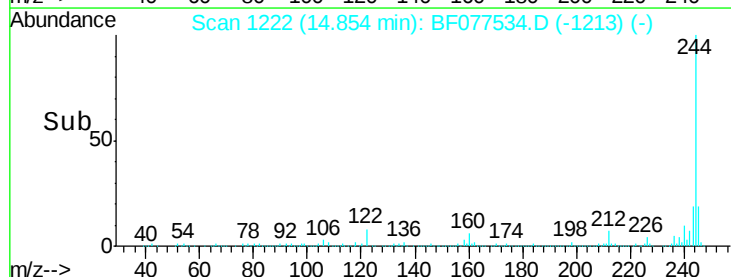
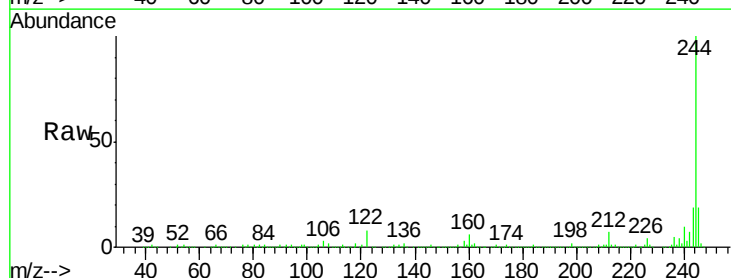
Manual Integrations
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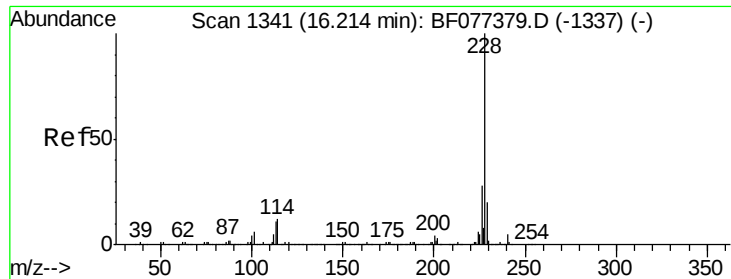
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#78
 Terphenyl-d14
 Concen: 30.21 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077534.D
 Acq: 2 Mar 2015 20:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.2	7.8
122	8.5	7.8	11.8





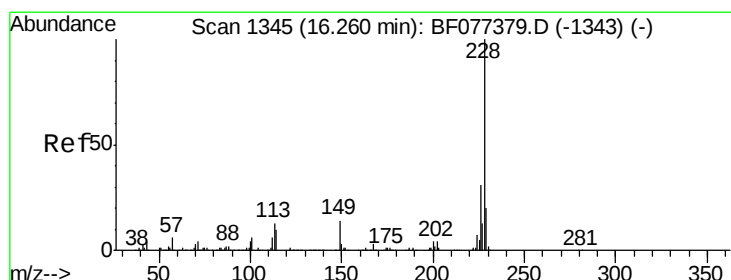
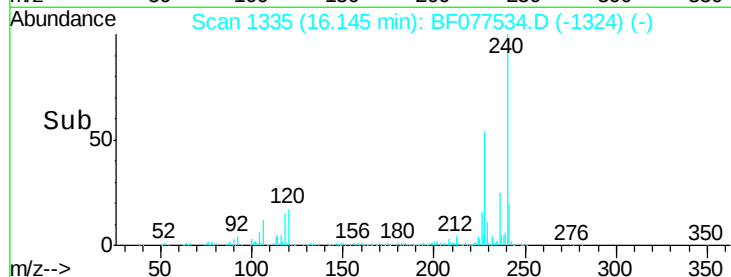
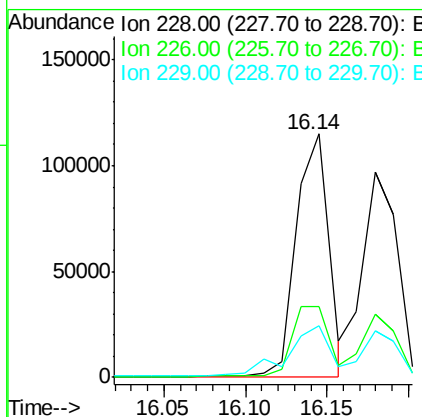
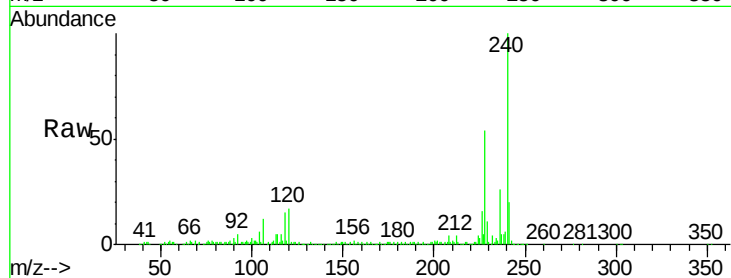
#80
Benzo(a)anthracene
Concen: 6.35 ng
RT: 16.14 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Instrument :
BNA_F
ClientSampleId :
SB2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.0	33.0
229	21.0	15.8	23.8

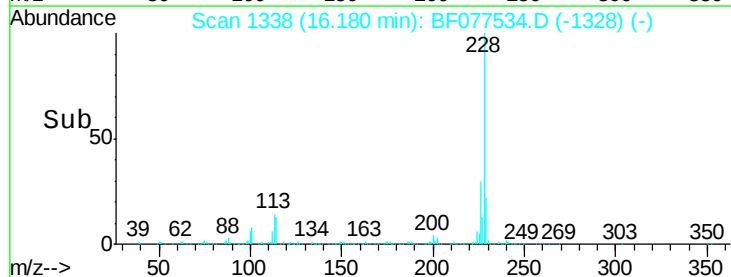
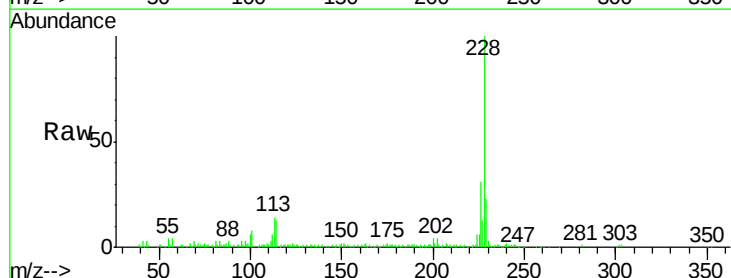
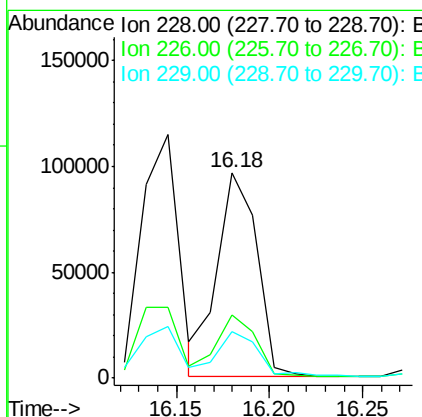
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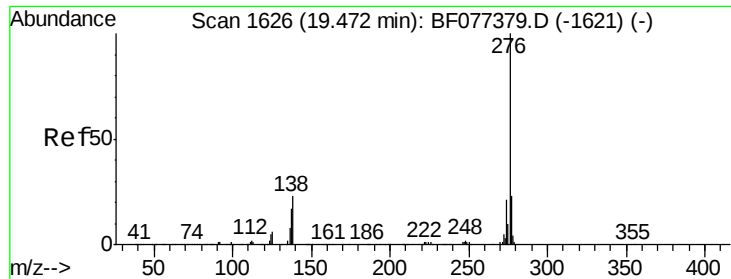
apatel
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#82
Chrysene
Concen: 6.02 ng
RT: 16.18 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.9	16.4	24.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.26 ng m

RT: 19.38 min Scan# 1618

Delta R.T. 0.10 min

Lab File: BF077534.D

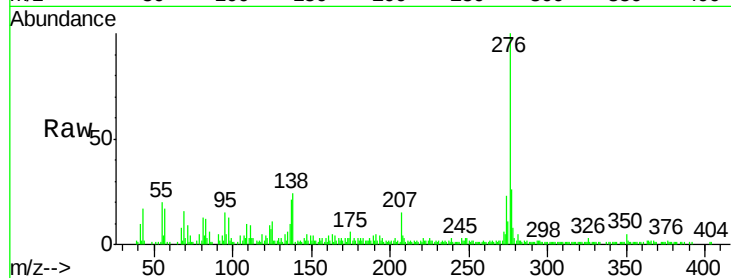
Acq: 2 Mar 2015 20:50

Instrument :

BNA_F

ClientSampleId :

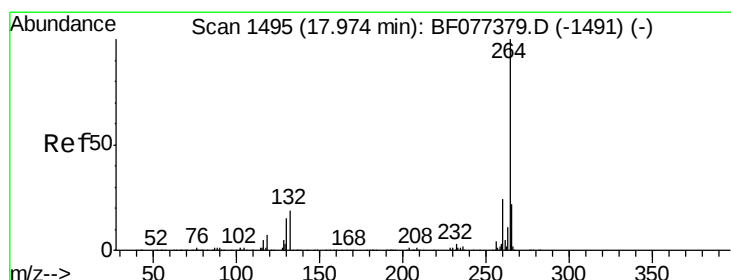
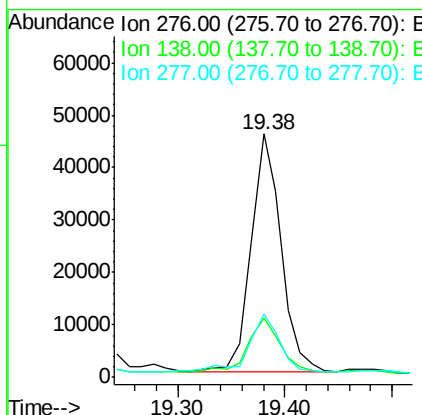
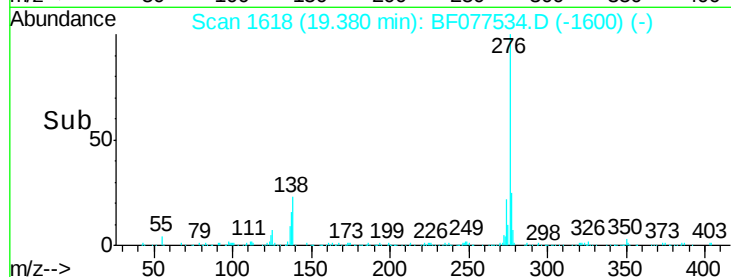
SB2



Tgt Ion:	276	Resp:	87849
Ion Ratio	Lower	Upper	
276	100		
138	0.0	21.2	31.8#
277	0.0	20.0	30.0#

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#86

Perylene-d12

Concen: 20.00 ng

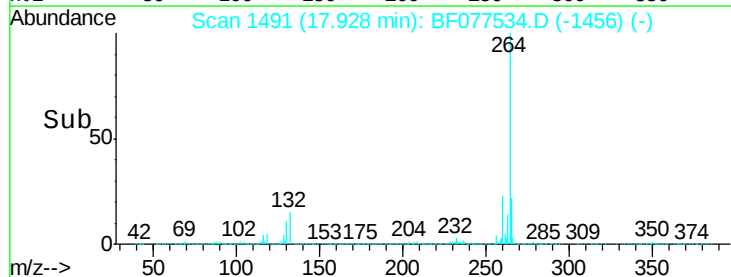
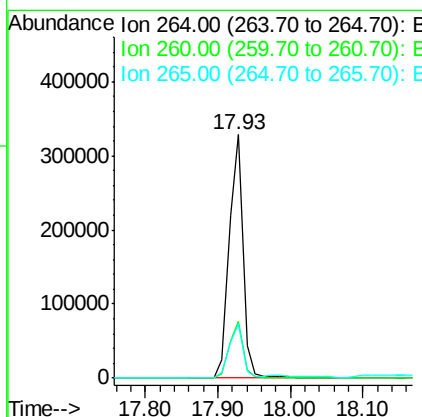
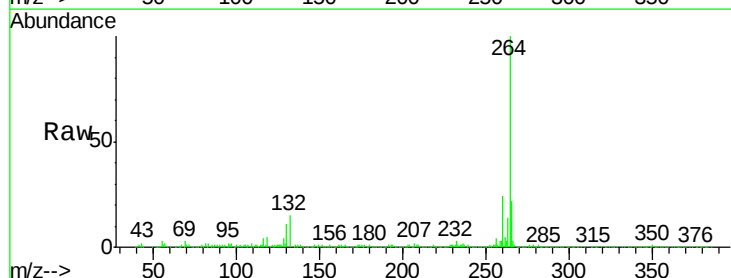
RT: 17.93 min Scan# 1491

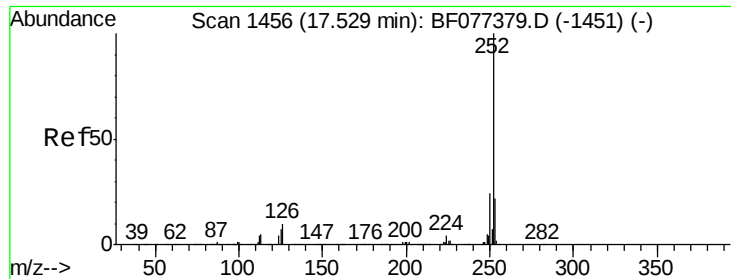
Delta R.T. 0.10 min

Lab File: BF077534.D

Acq: 2 Mar 2015 20:50

Tgt Ion:	264	Resp:	432185
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.3	28.9
265	22.1	16.8	25.2





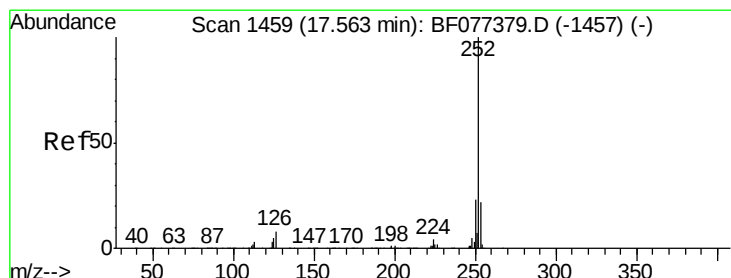
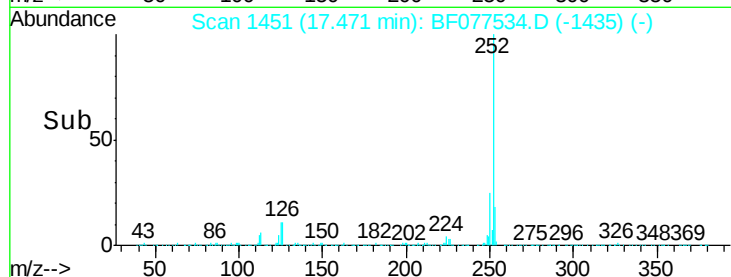
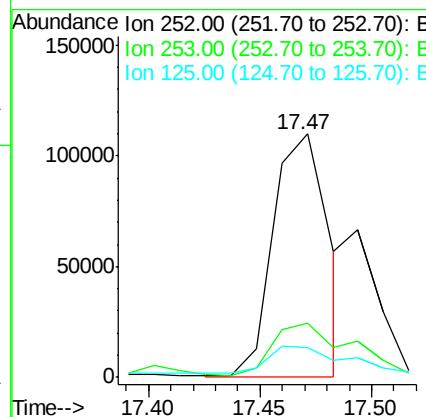
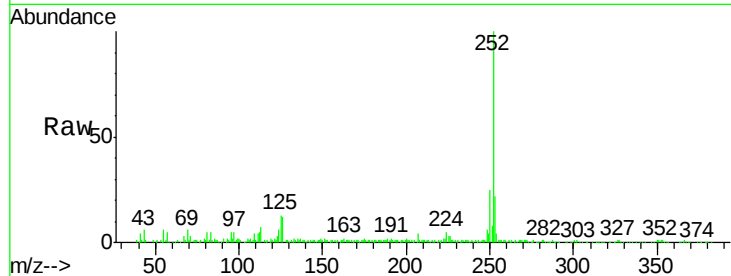
#87
Benzo(b)fluoranthene
Concen: 7.53 ng m
RT: 17.47 min Scan# 1451
Delta R.T. 0.08 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Instrument :
BNA_F
ClientSampled :
SB2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	12.5	5.4	8.2

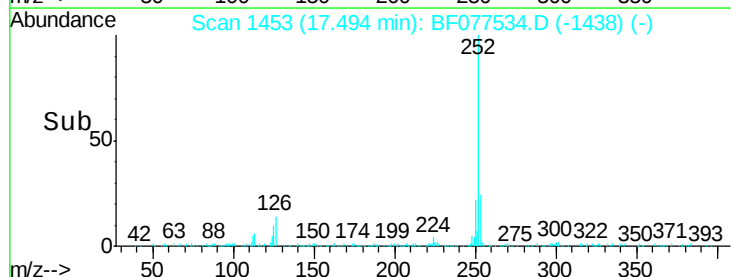
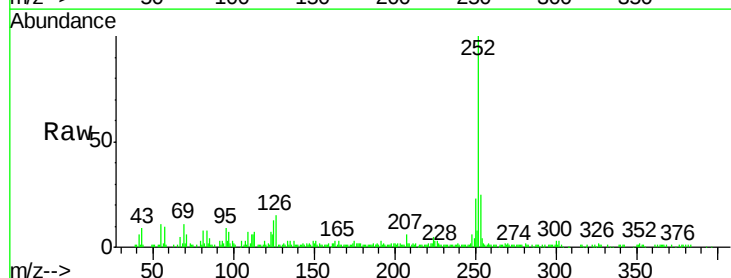
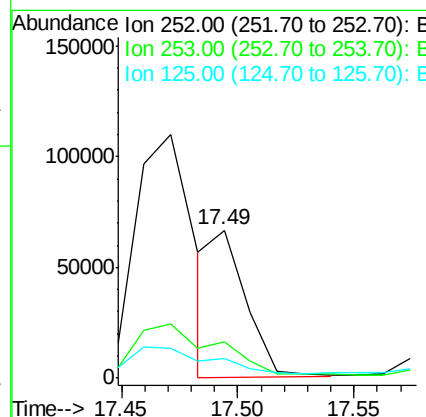
Manual Integrations
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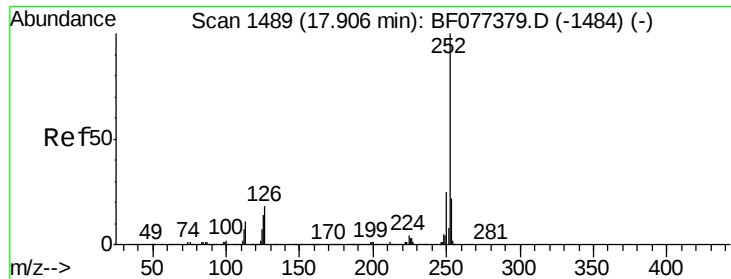
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#88
Benzo(k)fluoranthene
Concen: 2.82 ng m
RT: 17.49 min Scan# 1453
Delta R.T. 0.07 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	12.9	10.1	15.1





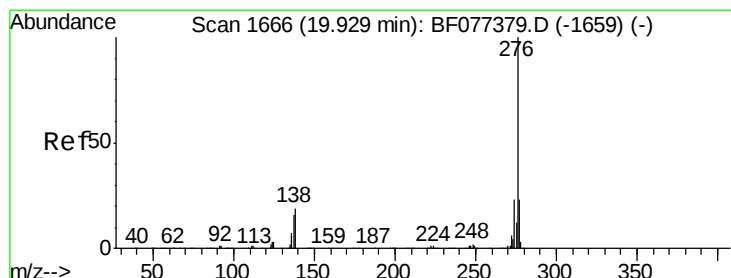
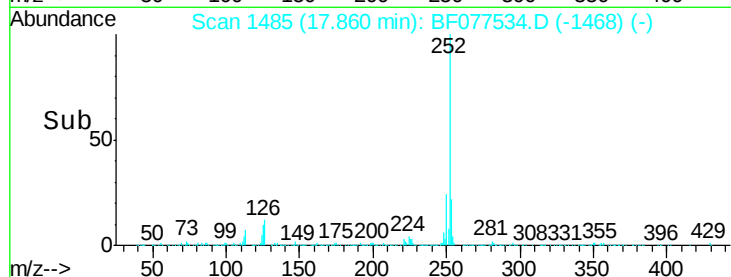
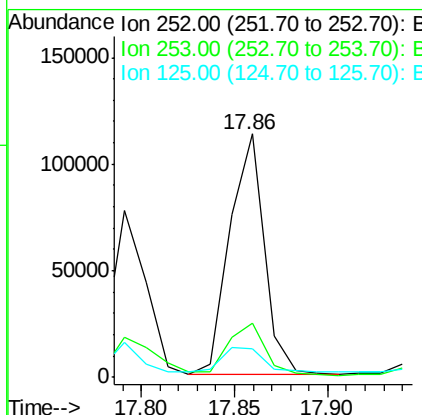
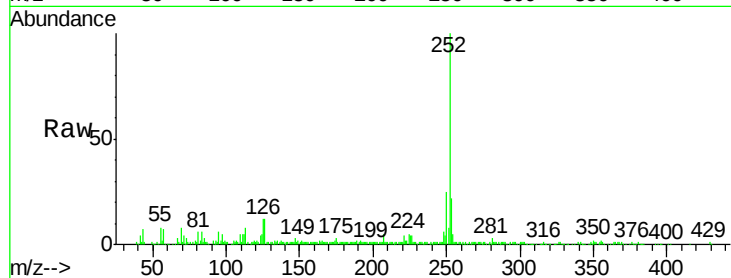
#89
Benzo(a)pyrene
Concen: 6.10 ng
RT: 17.86 min Scan# 1485
Delta R.T. 0.09 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Instrument :
BNA_F
ClientSampleId :
SB2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	145971		
253	22.3	18.2	27.2	
125	11.5	8.3	12.5	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.82 ng
RT: 19.81 min Scan# 1656
Delta R.T. 0.11 min
Lab File: BF077534.D
Acq: 2 Mar 2015 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	87989		
277	24.8	18.9	28.3	
138	24.0	20.5	30.7	

