

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079587.D
 Acq On : 30 May 2015 6:08
 Operator : TP/IZ
 Sample : G2408-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23S

Manual Integrations
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Quant Time: May 31 06:00:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	93926	20.00	ng	-0.01
21) Naphthalene-d8	8.52	136	387101	20.00	ng	-0.01
38) Acenaphthene-d10	10.68	164	175693	20.00	ng	-0.02
63) Phenanthrene-d10	12.53	188	319407	20.00	ng	-0.01
75) Chrysene-d12	15.79	240	307051	20.00	ng	-0.05
86) Perylene-d12	17.50	264	314468	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	524806	96.91	ng	-0.01
7) Phenol-d6	6.55	99	694479	100.62	ng	-0.01
23) Nitrobenzene-d5	7.66	82	395954	59.13	ng	-0.01
41) 2,4,6-Tribromophenol	11.67	330	195063	101.08	ng	-0.02
44) 2-Fluorobiphenyl	9.87	172	782559	63.55	ng	-0.01
78) Terphenyl-d14	14.51	244	748246	57.19	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	10.39	163	132459	10.23	ng	99
70) Phenanthrene	12.55	178	114379	6.53	ng	99
74) Fluoranthene	14.02	202	196755	10.47	ng	99
77) Pyrene	14.30	202	185541	9.75	ng	98
80) Benzo(a)anthracene	15.78	228	105436	5.97	ng	98
82) Chrysene	15.83	228	79085	4.71	ng	97
85) Indeno(1,2,3-cd)pyrene	18.79	276	78616m	3.64	ng	
87) Benzo(b)fluoranthene	17.06	252	135244m	7.54	ng	
88) Benzo(k)fluoranthene	17.10	252	42105m	2.63	ng	
89) Benzo(a)pyrene	17.44	252	100979	4.70	ng	96
91) Benzo(g,h,i)perylene	19.17	276	85892	2.34	ng	95

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

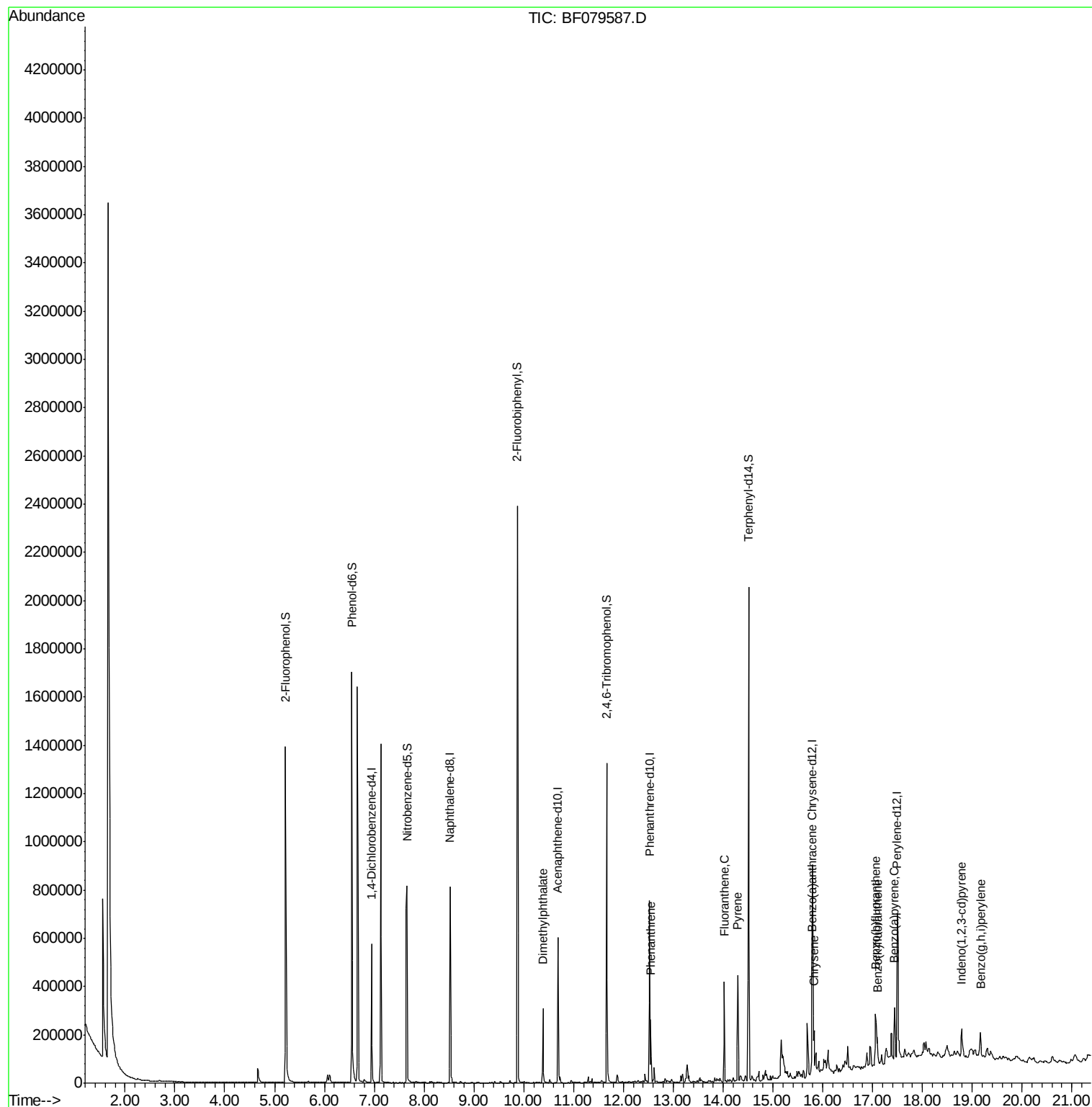
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079587.D
Acq On : 30 May 2015 6:08
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Sample : G2408-06
Misc :
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Quant Time: May 31 06:00:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration





#1

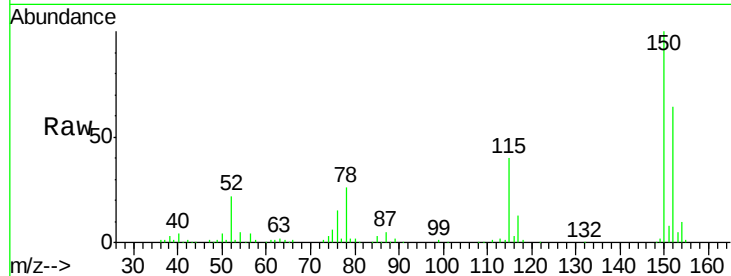
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-23S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	62.4	49.6	74.4

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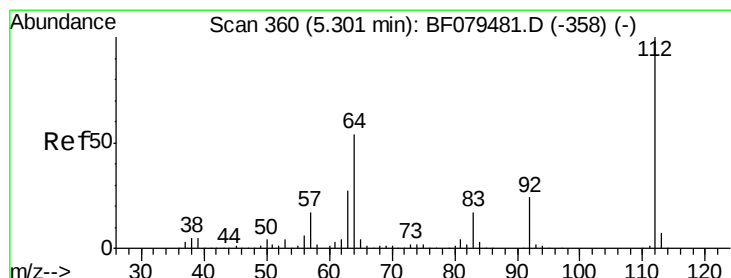
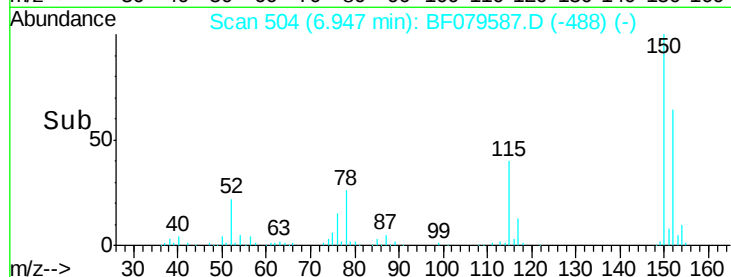
Abundance

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

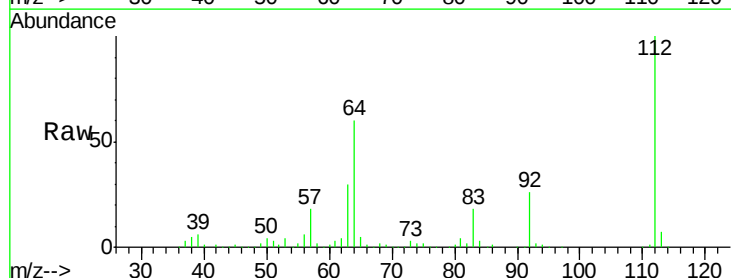
Time-->



#5

2-Fluorophenol
Concen: 96.91 ng
RT: 5.22 min Scan# 353
Delta R.T. -0.01 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	43.5	65.3
63	30.5	21.8	32.8



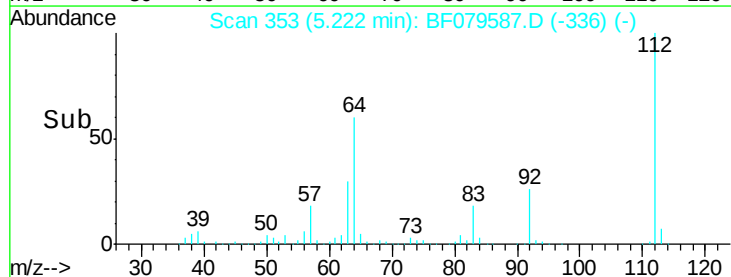
Abundance

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

Time-->





#7

Phenol-d6

Concen: 100.62 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF079587.D

Acq: 30 May 2015 6:08

Instrument :

BNA_F

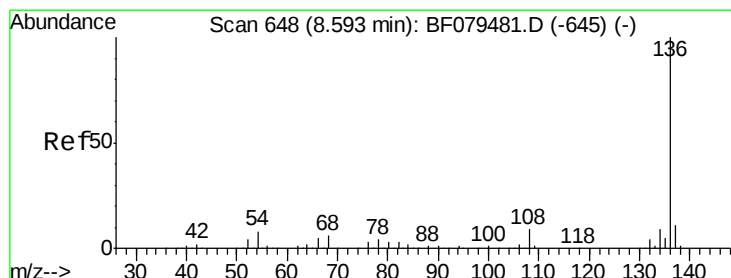
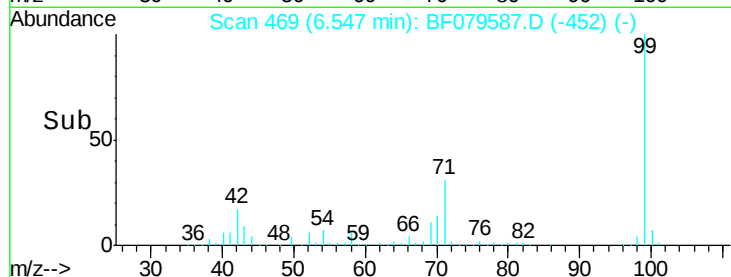
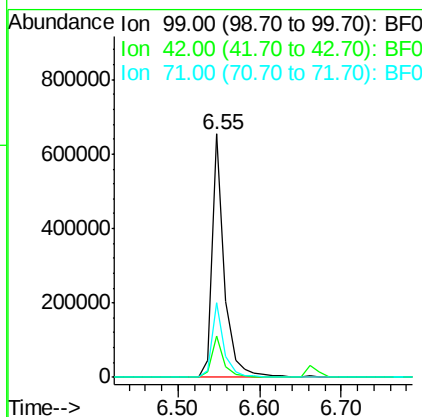
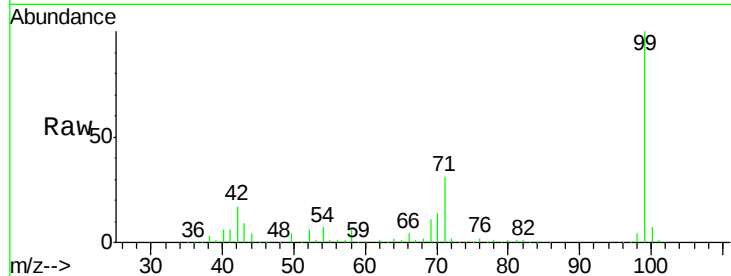
ClientSampleId :

SB-23S

Tot Ion:	99	Resp:	694479
Ion Ratio	Lower	Upper	
99	100		
42	16.9	11.9	17.9
71	30.7	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

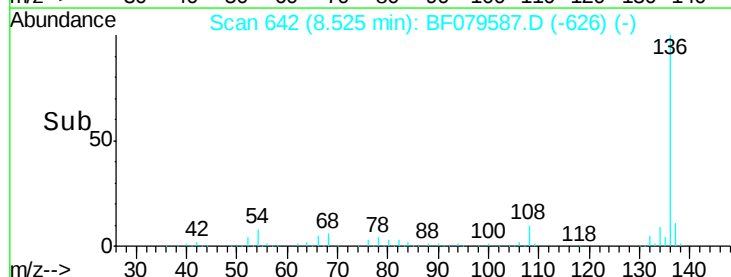
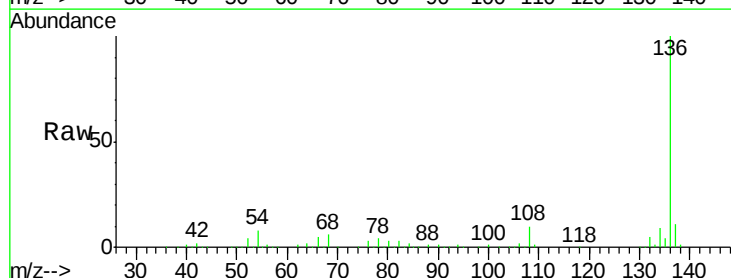
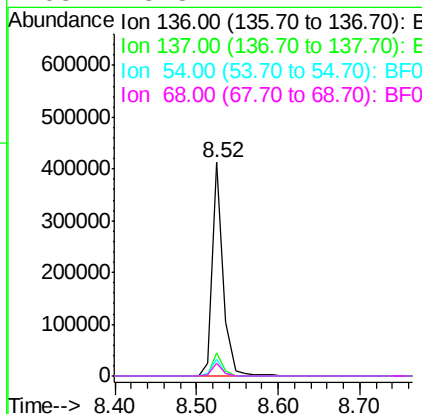
RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079587.D

Acq: 30 May 2015 6:08

Tgt Ion:	136	Resp:	387101
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	7.8	6.6	9.8
68	5.8	4.7	7.1





#23

Nitrobenzene-d5

Concen: 59.13 ng

RT: 7.66 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF079587.D

Acq: 30 May 2015 6:08

Instrument :

BNA_F

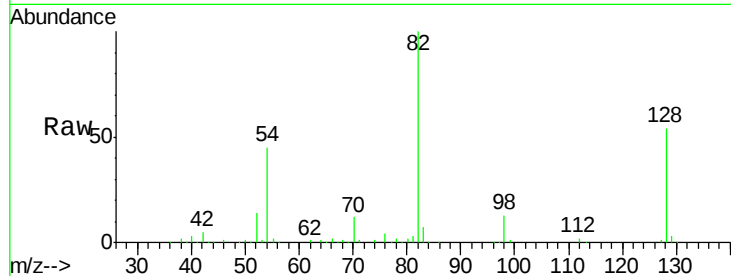
ClientSampled :

SB-23S

Tot Ion:	82	Resp:	395954
Ion Ratio		Lower	Upper
82	100		
128	53.5	30.8	46.2#
54	45.3	42.8	64.2

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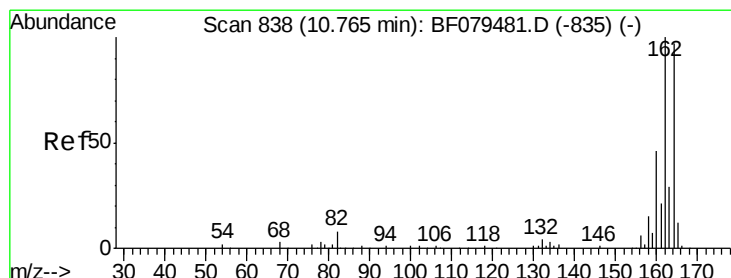
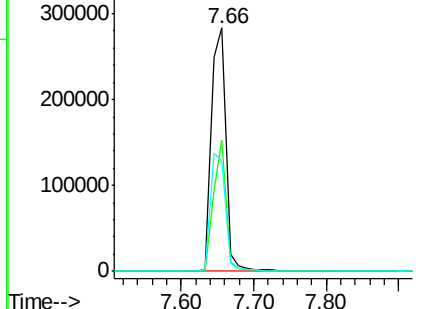
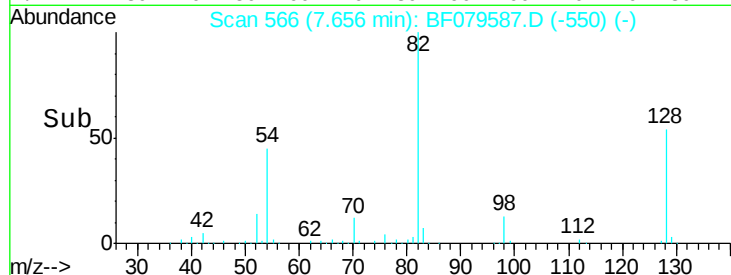


Abundance Ion 82.00 (81.70 to 82.70): BF079481.D (-569) (-)

Ion 128.00 (127.70 to 128.70): BF079481.D (-569) (-)

Ion 54.00 (53.70 to 54.70): BF079481.D (-569) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

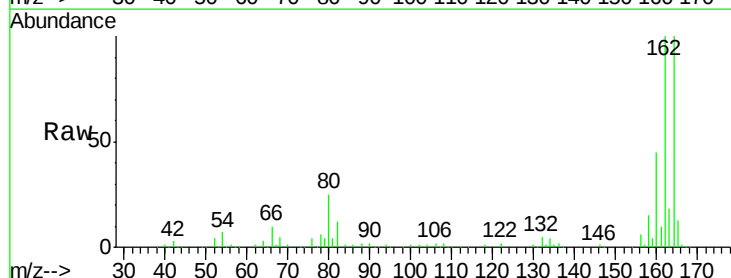
RT: 10.68 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF079587.D

Acq: 30 May 2015 6:08

Tgt Ion:	164	Resp:	175693
Ion Ratio		Lower	Upper
164	100		
162	99.7	82.6	124.0
160	45.1	37.7	56.5

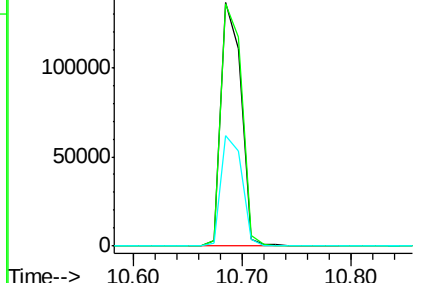
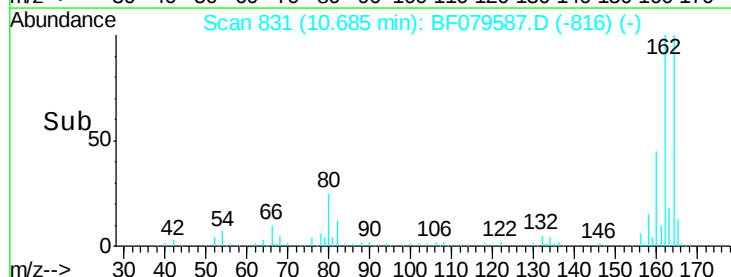


Abundance Ion 164.00 (163.70 to 164.70): BF079481.D (-835) (-)

Ion 162.00 (161.70 to 162.70): BF079481.D (-835) (-)

Ion 160.00 (159.70 to 160.70): BF079481.D (-835) (-)

Time-->





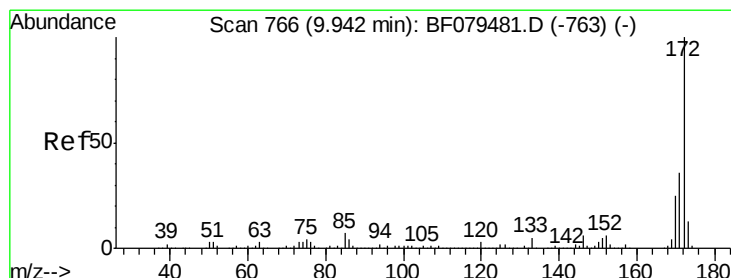
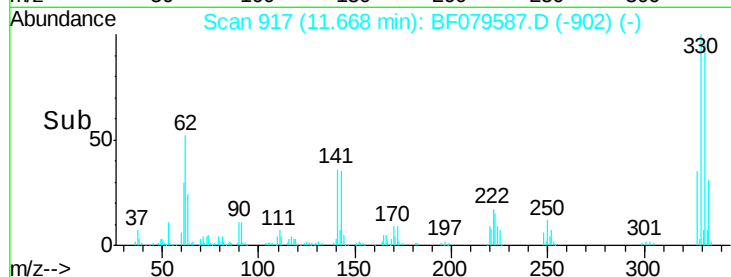
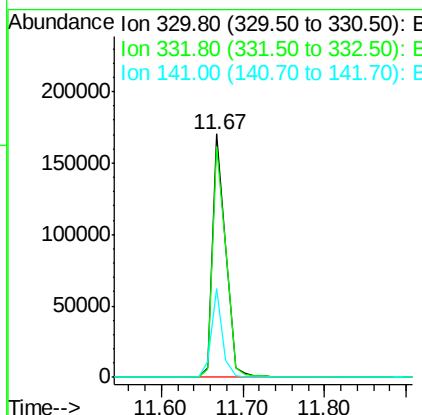
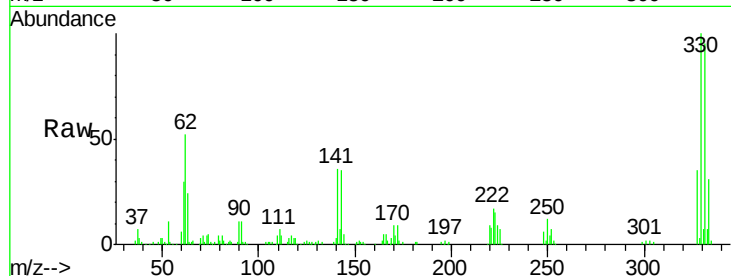
#41
 2,4,6-Tribromophenol
 Concen: 101.08 ng
 RT: 11.67 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF079587.D
 Acq: 30 May 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-23S

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	31.1	0.0	0.0#

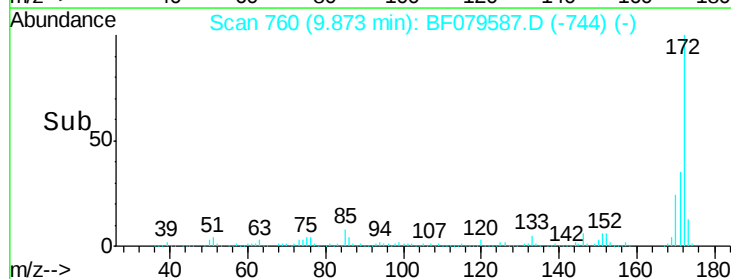
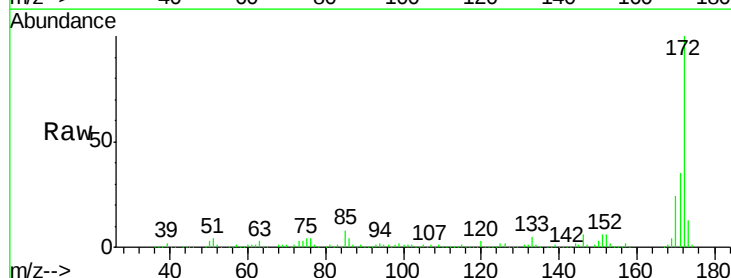
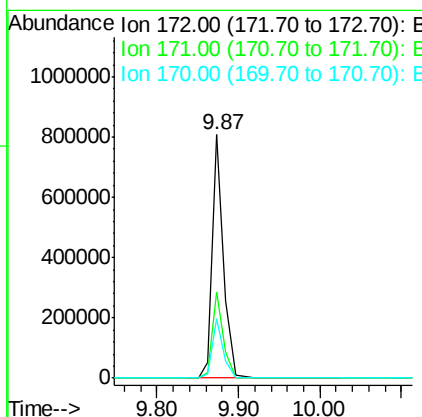
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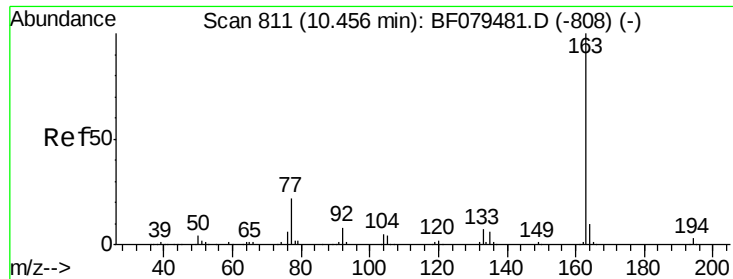
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#44
 2-Fluorobiphenyl
 Concen: 63.55 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079587.D
 Acq: 30 May 2015 6:08

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.3	19.7	29.5





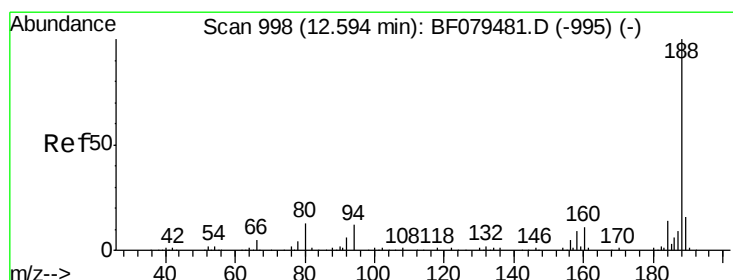
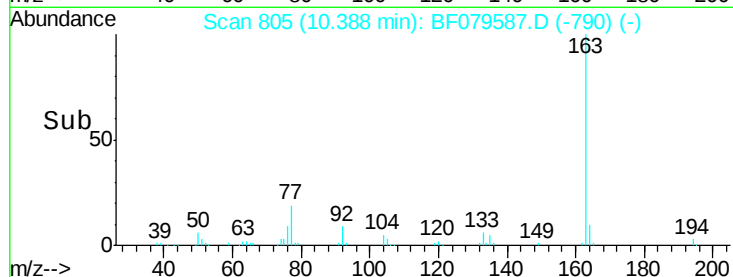
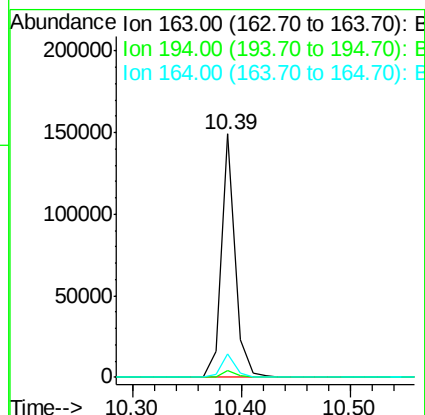
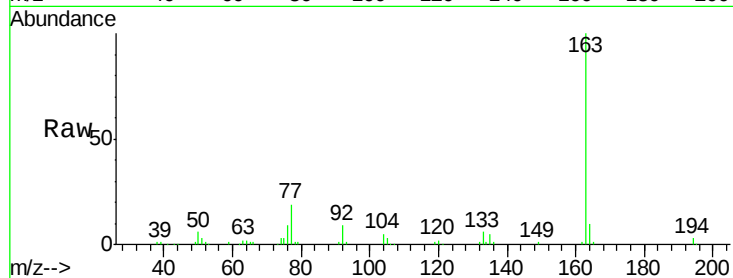
#49
Dimethylphthalate
Concen: 10.23 ng
RT: 10.39 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-23S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		132459		
194	3.0		2.4	3.6	
164	9.8		8.2	12.4	

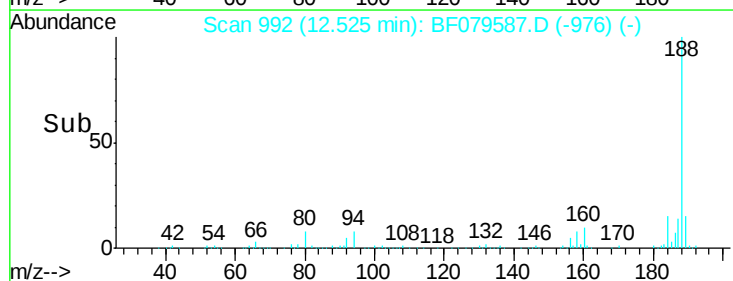
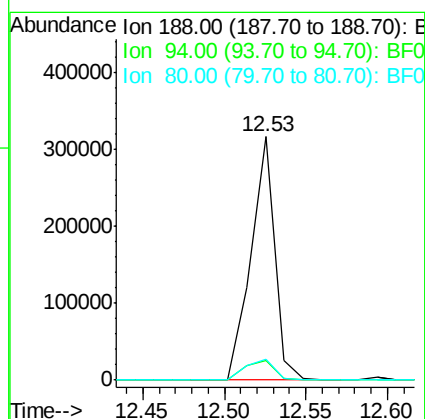
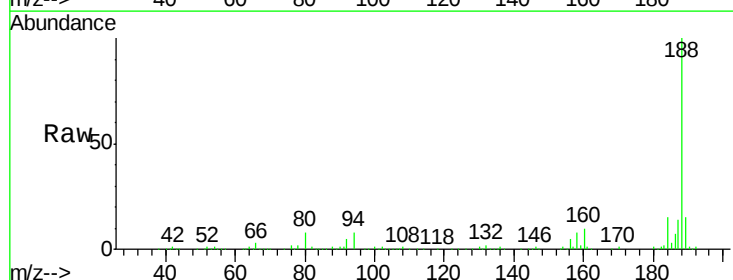
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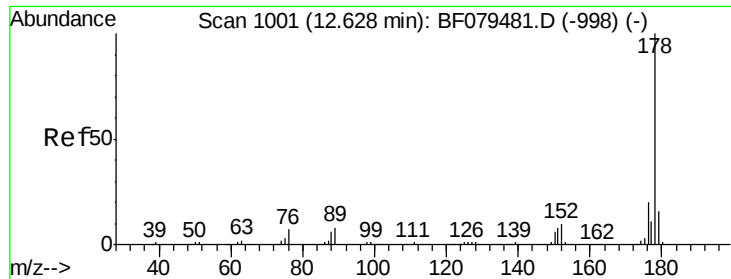
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		319407		
94	8.2		9.8	14.6#	
80	8.4		10.5	15.7#	





#70

Phenanthrene

Concen: 6.53 ng

RT: 12.55 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF079587.D

Acq: 30 May 2015 6:08

Instrument :

BNA_F

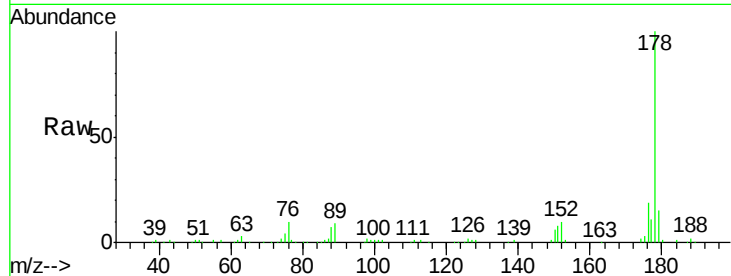
ClientSampleId :

SB-23S

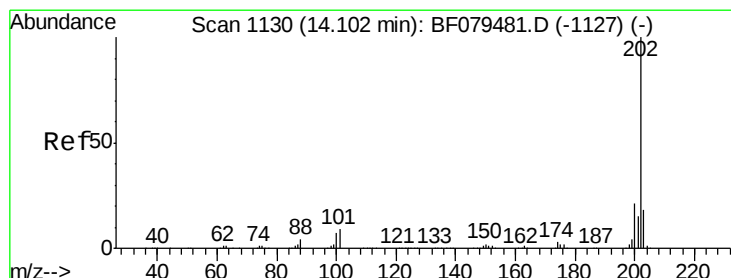
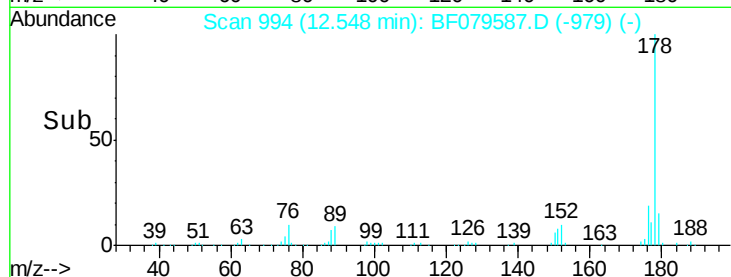
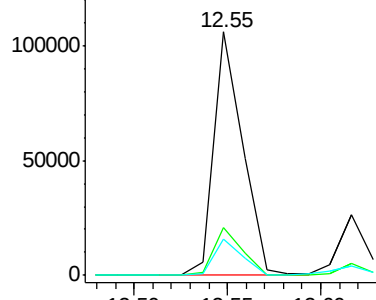
Tot Ion:	178	Resp:	114379
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.7	23.5
179	14.8	12.4	18.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 10.47 ng

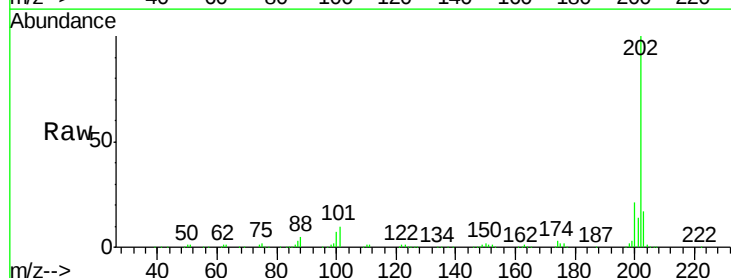
RT: 14.02 min Scan# 1123

Delta R.T. -0.01 min

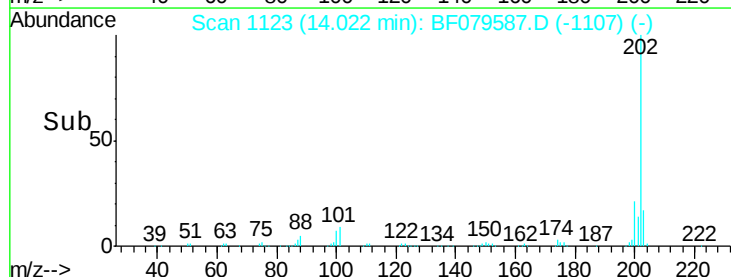
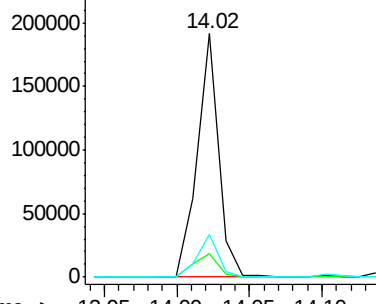
Lab File: BF079587.D

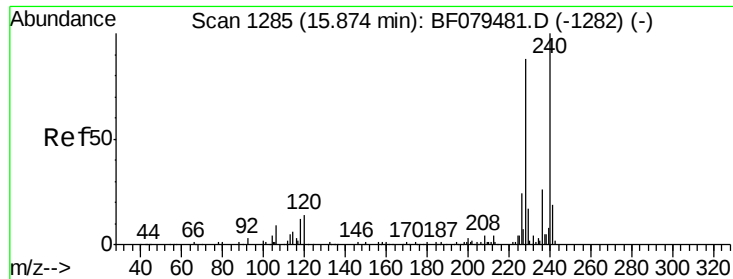
Acq: 30 May 2015 6:08

Tgt Ion:	202	Resp:	196755
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.3
203	17.4	0.0	37.6



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: 15.79 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BF079587.D

Acq: 30 May 2015 6:08

Instrument :

BNA_F

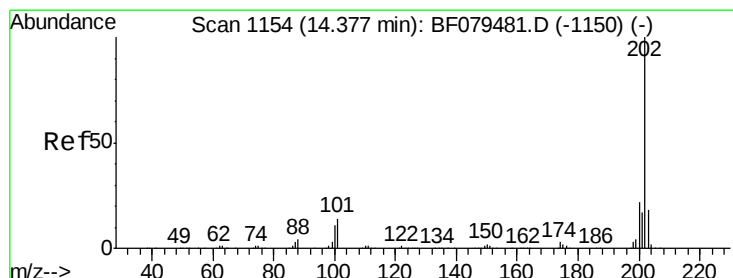
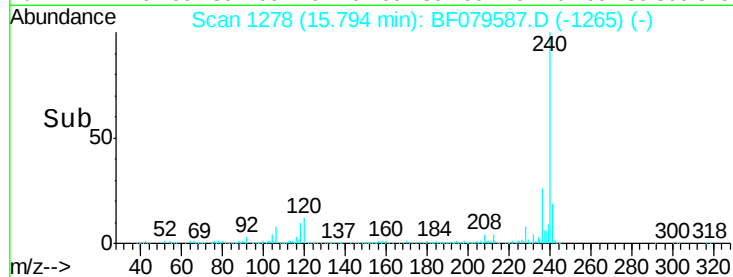
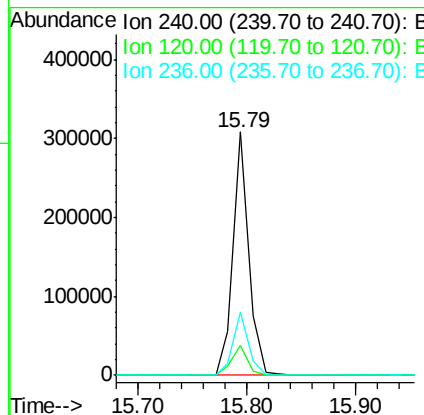
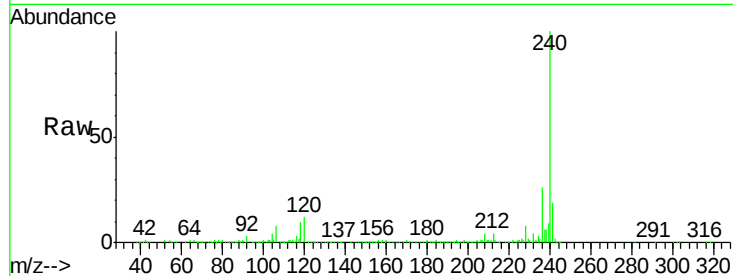
ClientSampleId :

SB-23S

Tot Ion:	240	Resp:	307051
Ion Ratio	Lower	Upper	
240	100		
120	12.2	10.8	16.2
236	26.2	21.0	31.6

Manual Integrations
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#77

Pyrene

Concen: 9.75 ng

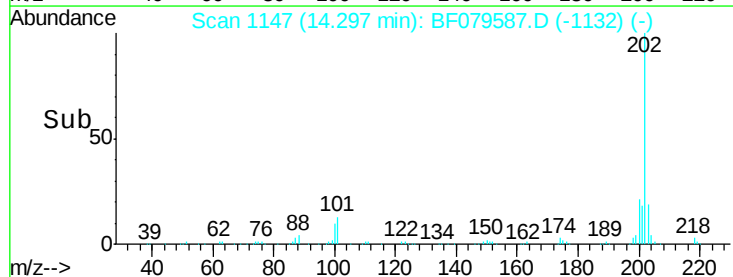
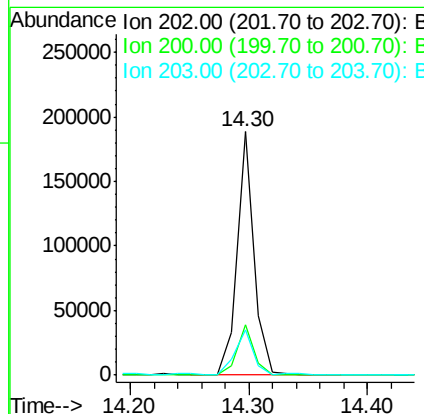
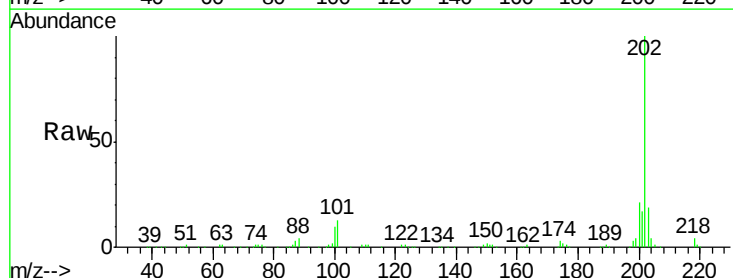
RT: 14.30 min Scan# 1147

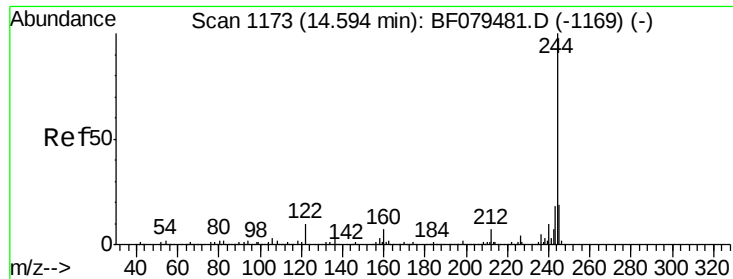
Delta R.T. -0.02 min

Lab File: BF079587.D

Acq: 30 May 2015 6:08

Tgt Ion:	202	Resp:	185541
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.5	26.3
203	18.8	14.4	21.6





#78

Terphenyl-d14

Concen: 57.19 ng

RT: 14.51 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF079587.D

Acq: 30 May 2015 6:08

Instrument :

BNA_F

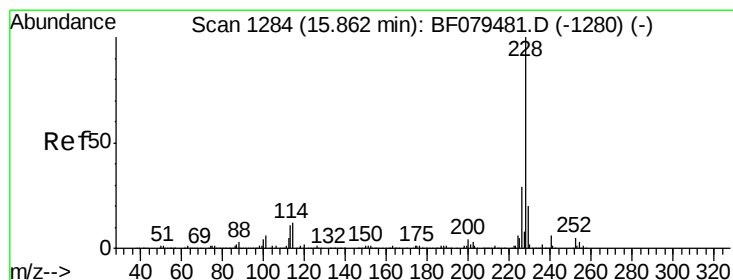
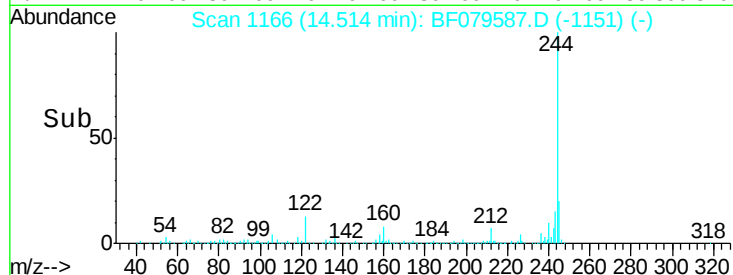
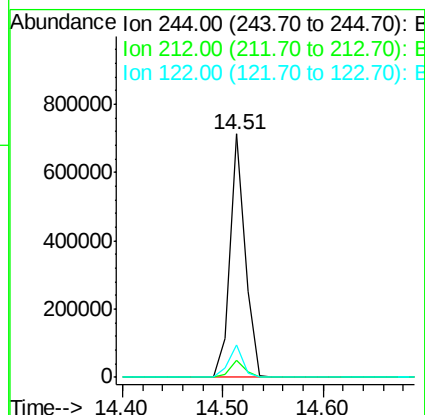
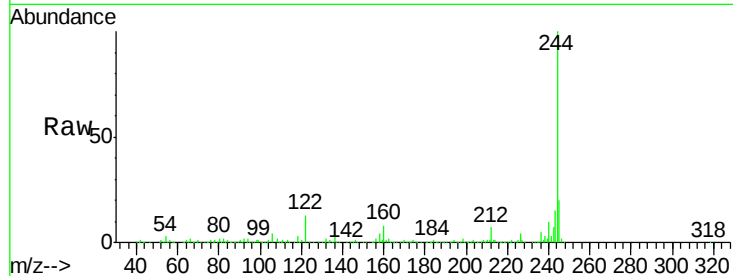
ClientSampleId :

SB-23S

Tot Ion:	244	Resp:	748246
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.2	7.8
122	13.4	8.0	12.0#

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#80

Benzo(a)anthracene

Concen: 5.97 ng

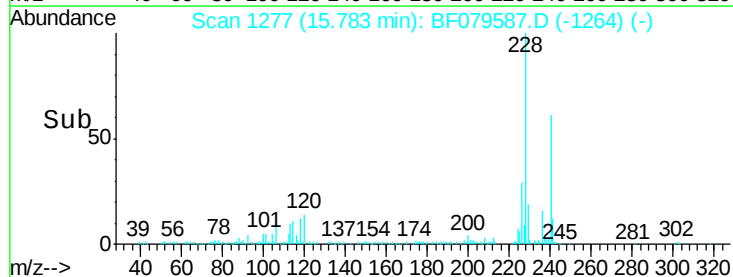
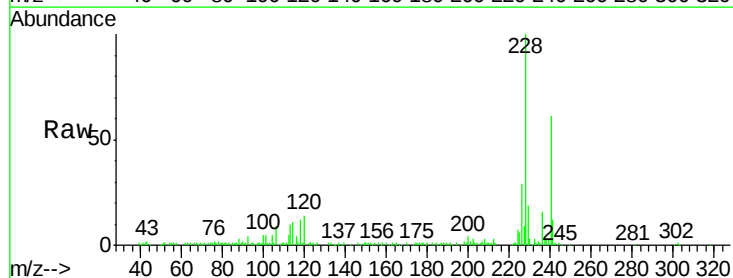
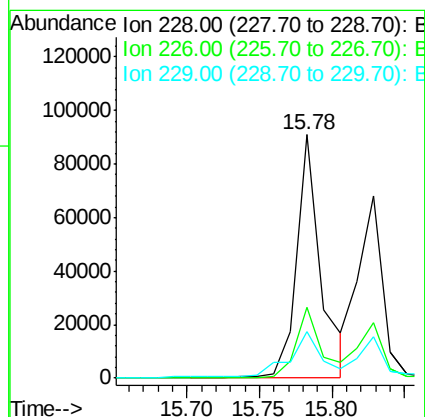
RT: 15.78 min Scan# 1277

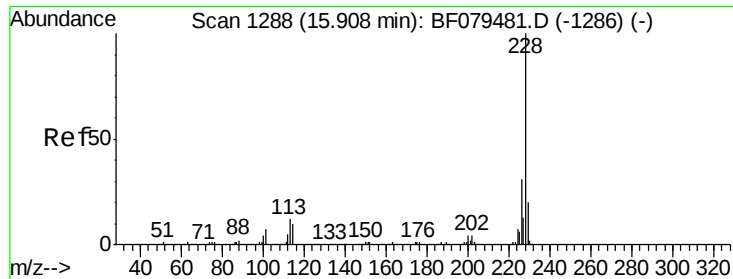
Delta R.T. -0.05 min

Lab File: BF079587.D

Acq: 30 May 2015 6:08

Tgt Ion:	228	Resp:	105436
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.8	34.2
229	19.0	15.9	23.9





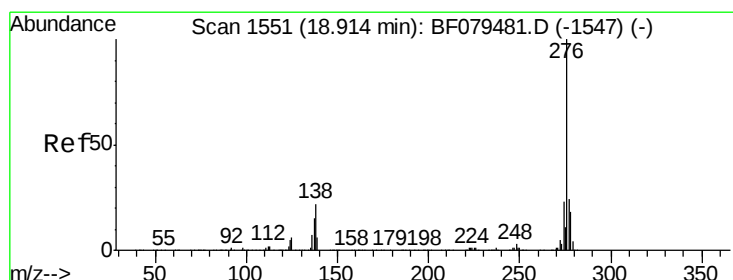
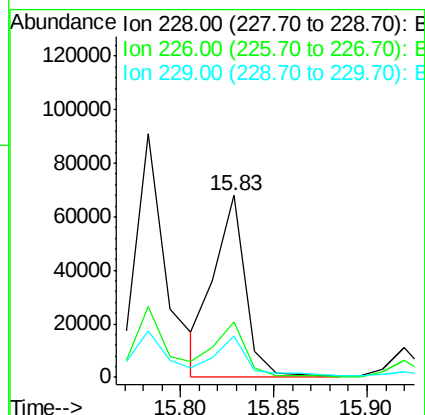
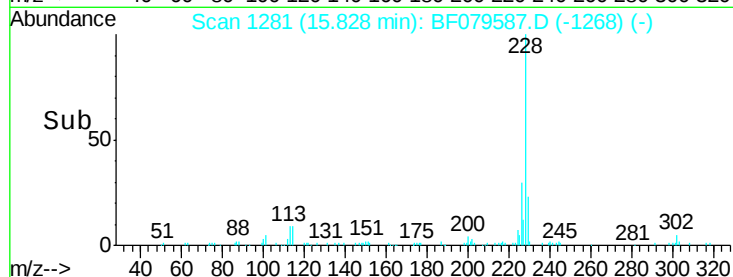
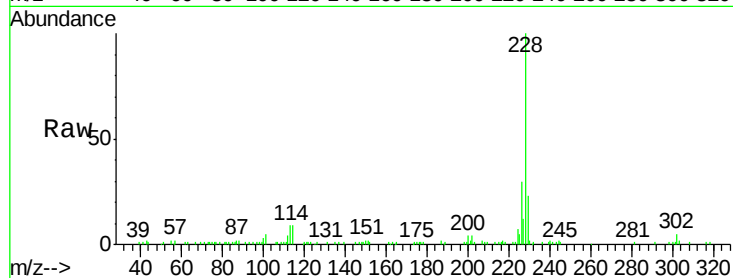
#82
Chrysene
Concen: 4.71 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-23S

Tot Ion:	228	Resp:	79085
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.4
229	22.7	15.9	23.9

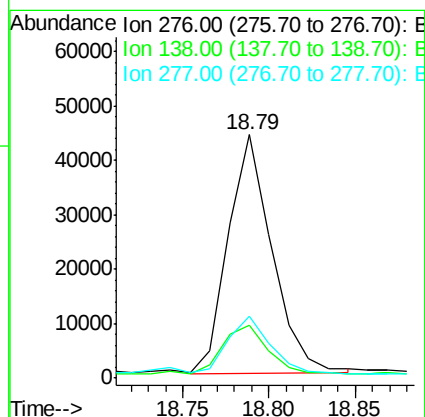
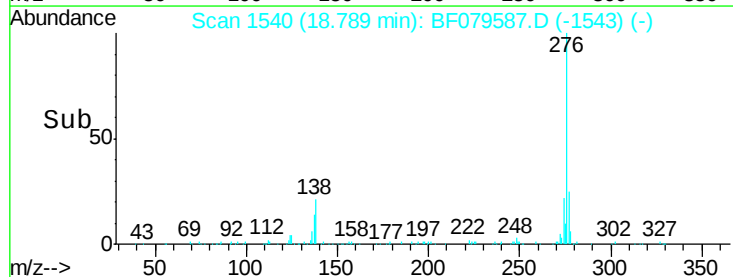
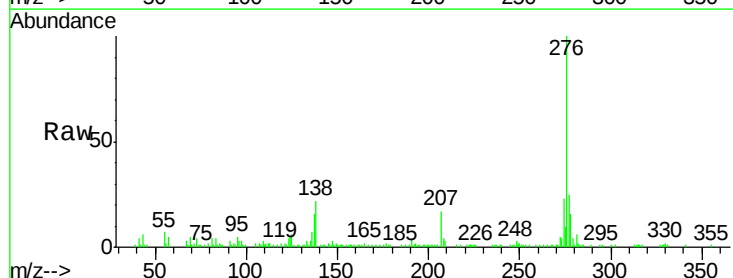
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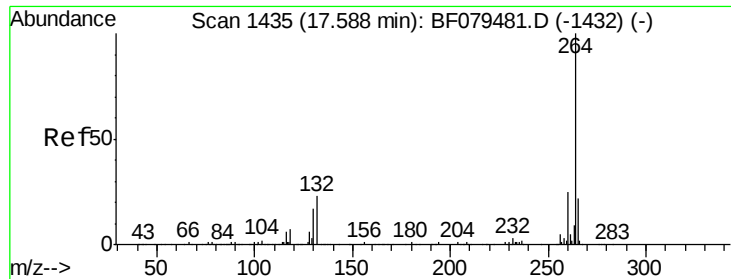
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.64 ng m
RT: 18.79 min Scan# 1540
Delta R.T. -0.23 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Tgt Ion:	276	Resp:	78616
Ion Ratio	Lower	Upper	
276	100		
138	2.9	21.4	32.2#
277	3.0	19.8	29.6#





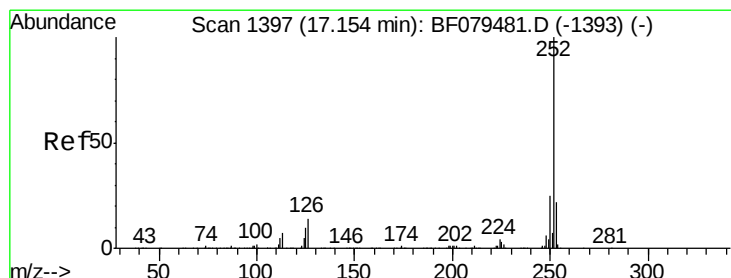
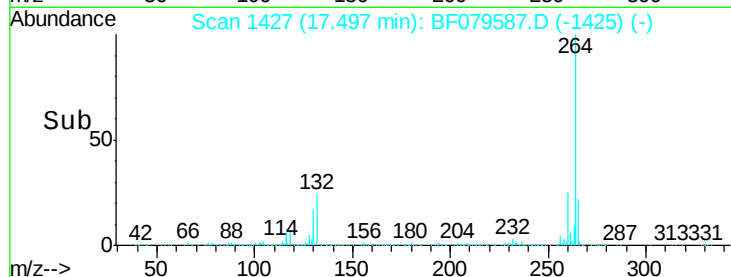
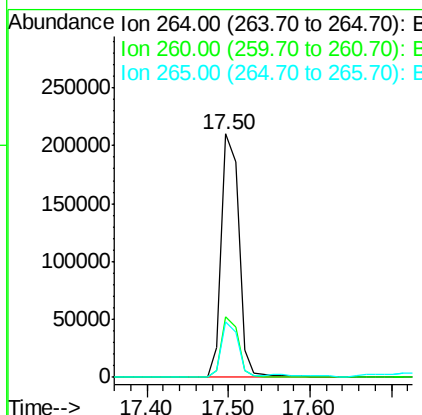
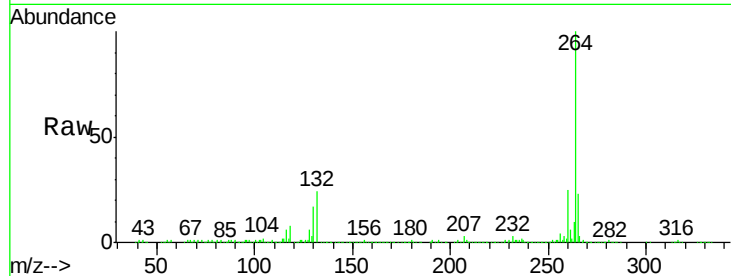
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.50 min Scan# 1427
Delta R.T. -0.17 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-23S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	22.6	17.8	26.6

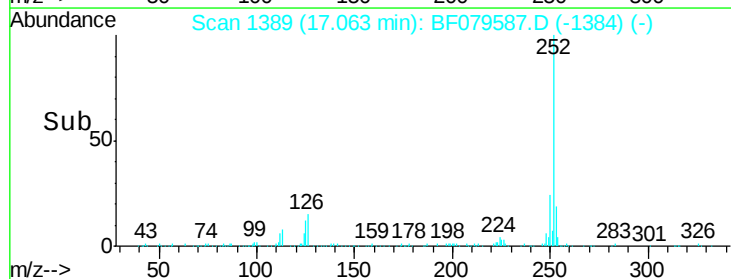
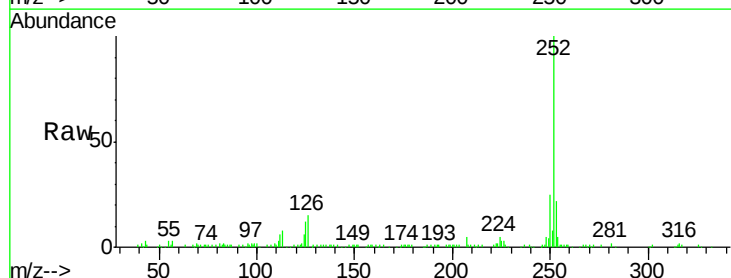
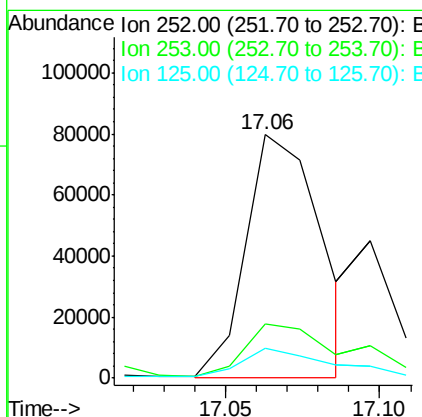
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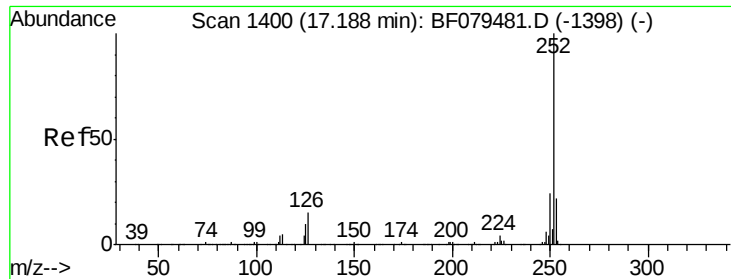
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#87
Benzo(b)fluoranthene
Concen: 7.54 ng m
RT: 17.06 min Scan# 1389
Delta R.T. -0.14 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	12.4	7.8	11.6#





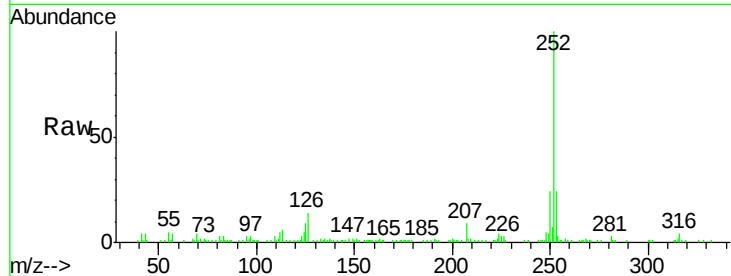
#88
Benzo(k)fluoranthene
Concen: 2.63 ng m
RT: 17.10 min Scan# 1392
Delta R.T. -0.14 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-23S

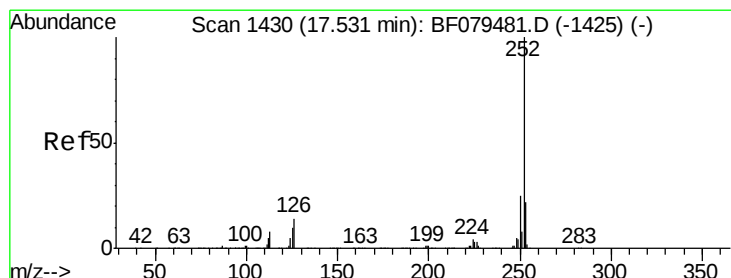
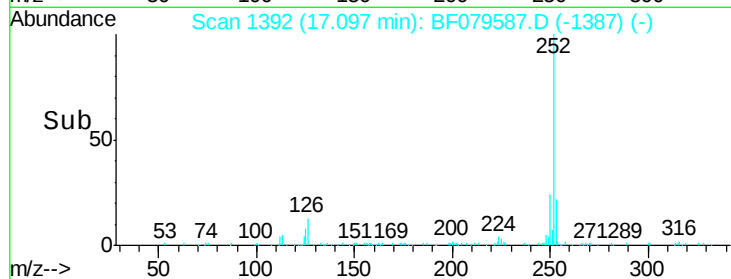
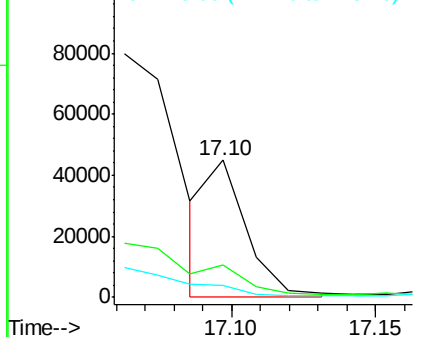
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	9.0	6.8	10.2

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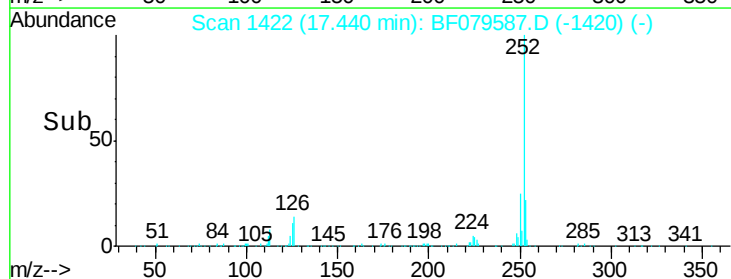
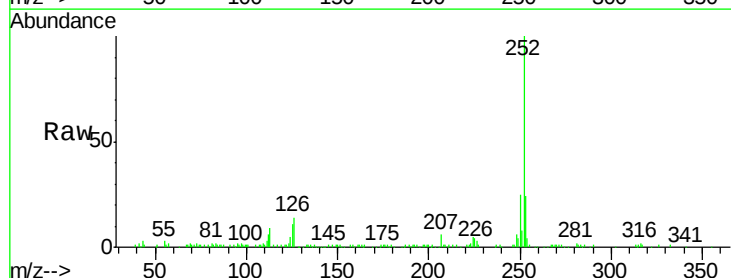
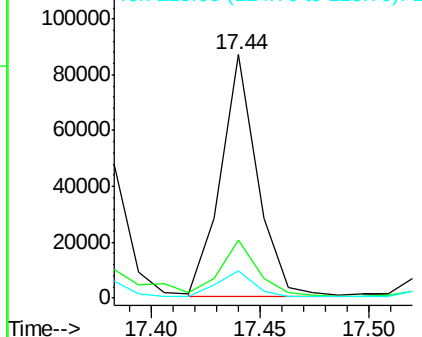
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

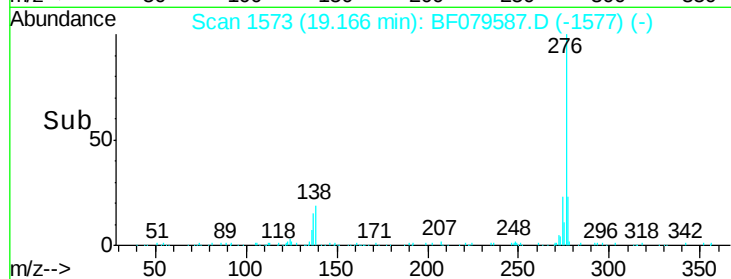
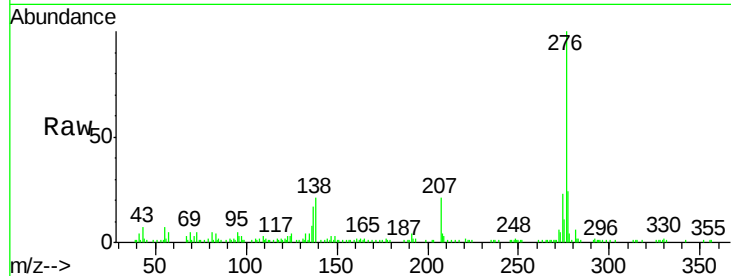
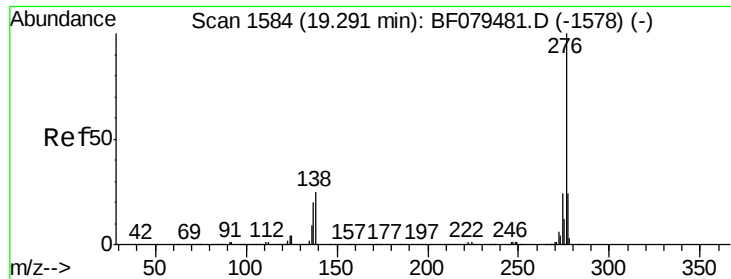


#89
Benzo(a)pyrene
Concen: 4.70 ng
RT: 17.44 min Scan# 1422
Delta R.T. -0.17 min
Lab File: BF079587.D
Acq: 30 May 2015 6:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	11.3	7.9	11.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 2.34 ng
 RT: 19.17 min Scan# 1573
 Delta R.T. -0.24 min
 Lab File: BF079587.D
 Acq: 30 May 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-23S

Tot Ion:	276	Resp:	85892
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.1	28.7
138	20.6	20.1	30.1

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