

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
 Data File : BF079552.D
 Acq On : 28 May 2015 19:02
 Operator : TP/IZ
 Sample : G2386-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-SS

Manual Integrations
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apatel
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Quant Time: May 29 09:18:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 18:41:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	57179	20.00	ng	0.00
21) Naphthalene-d8	8.54	136	231555	20.00	ng	0.00
38) Acenaphthene-d10	10.71	164	113985	20.00	ng	0.00
63) Phenanthrene-d10	12.54	188	218732	20.00	ng	0.00
75) Chrysene-d12	15.82	240	244921	20.00	ng	-0.02
86) Perylene-d12	17.52	264	267504	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	349766	106.10	ng	0.01
7) Phenol-d6	6.56	99	491111	116.88	ng	0.00
23) Nitrobenzene-d5	7.66	82	288554	72.04	ng	-0.01
41) 2,4,6-Tribromophenol	11.69	330	137158	109.55	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	568221	71.12	ng	0.00
78) Terphenyl-d14	14.54	244	692689	66.37	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.57	128	22991	2.07	ng	98
37) 2-Methylnaphthalene	9.43	142	18513	2.40	ng	98
48) Acenaphthylene	10.54	152	64934	5.56	ng	99
49) Dimethylphthalate	10.40	163	64214	7.65	ng	100
70) Phenanthrene	12.57	178	42505	3.54	ng	99
71) Anthracene	12.63	178	46874	3.85	ng	98
74) Fluoranthene	14.03	202	101025	7.85	ng	95
77) Pyrene	14.32	202	124553	8.21	ng	98
80) Benzo(a)anthracene	15.81	228	104445m	7.41	ng	
82) Chrysene	15.84	228	114168	8.53	ng	98
85) Indeno(1,2,3-cd)pyrene	18.81	276	121352m	7.04	ng	
87) Benzo(b)fluoranthene	17.09	252	274689m	18.00	ng	
88) Benzo(k)fluoranthene	17.11	252	50983m	3.74	ng	
89) Benzo(a)pyrene	17.46	252	137641	8.74	ng	99
91) Benzo(a,h,i)perylene	19.19	276	120412	6.36	ng	97

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

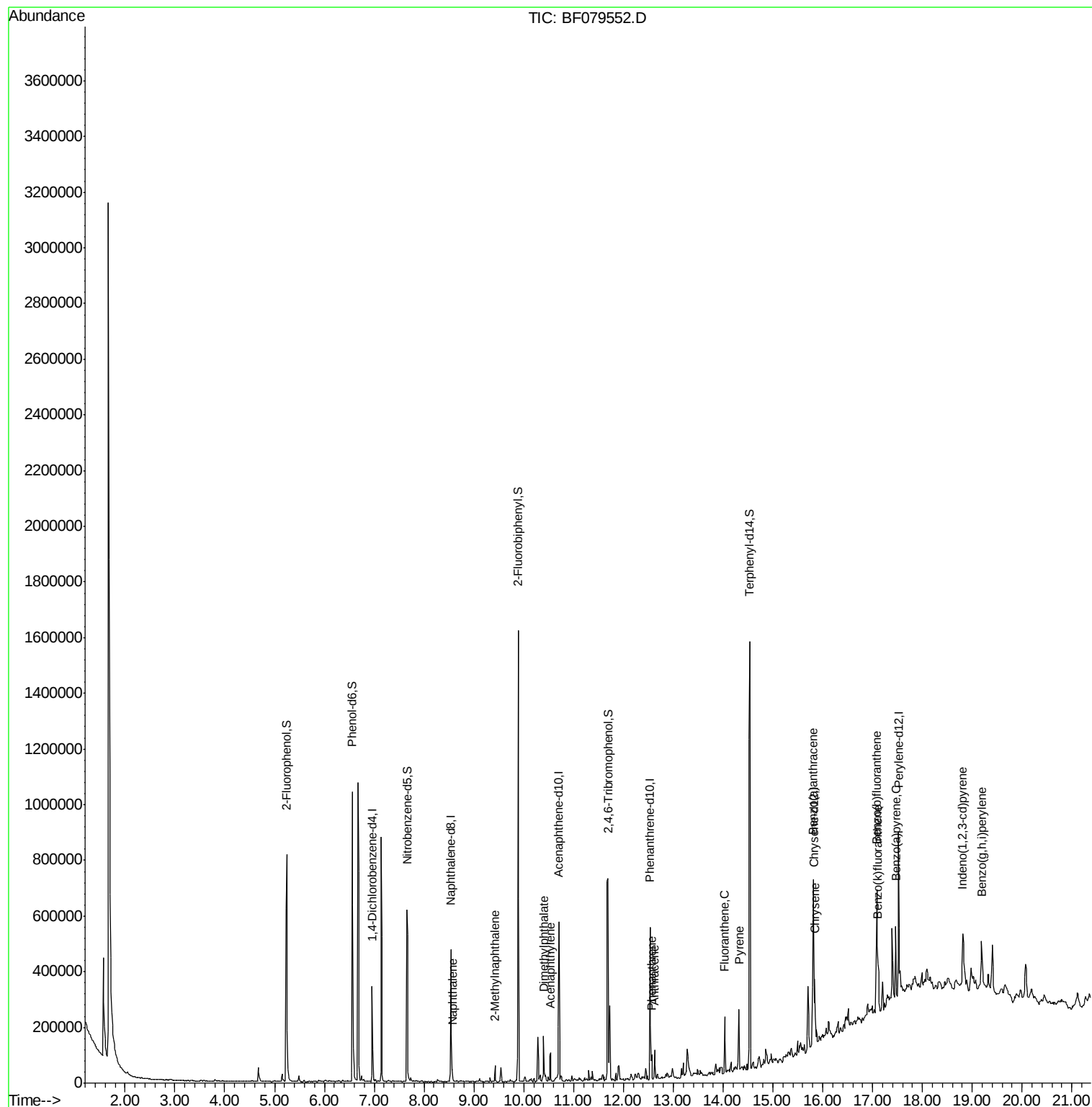
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079552.D
Acq On : 28 May 2015 19:02
Operator : TP/IZ
Sample : G2386-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

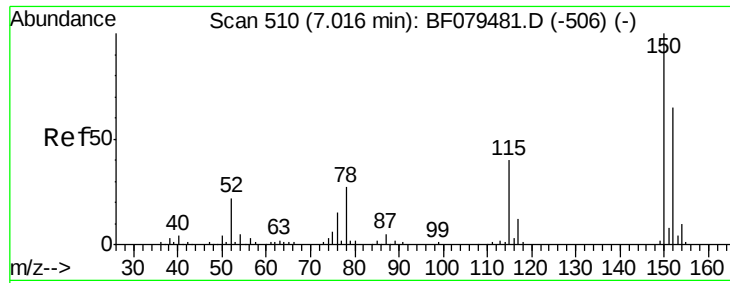
Instrument :
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#1

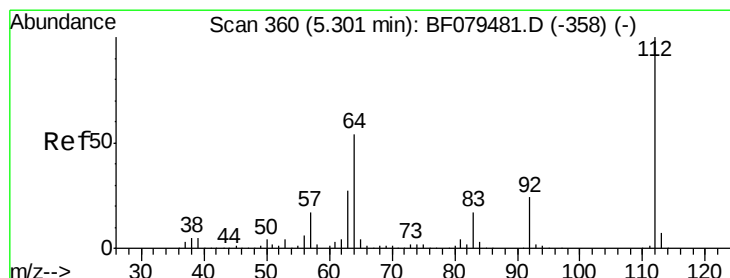
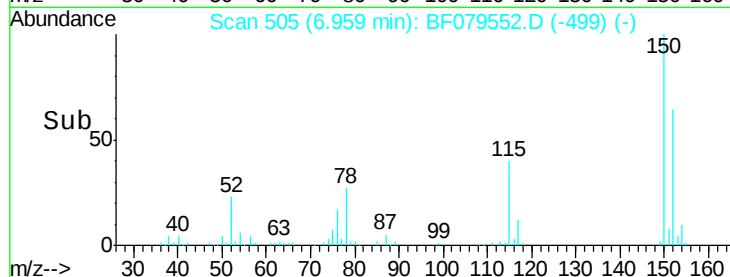
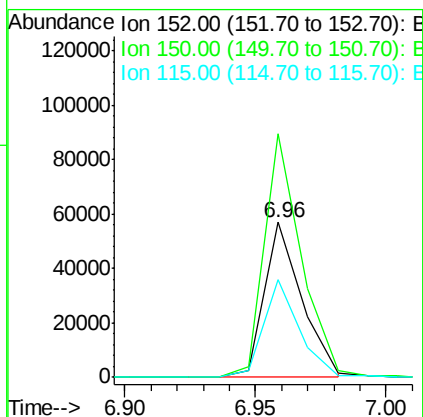
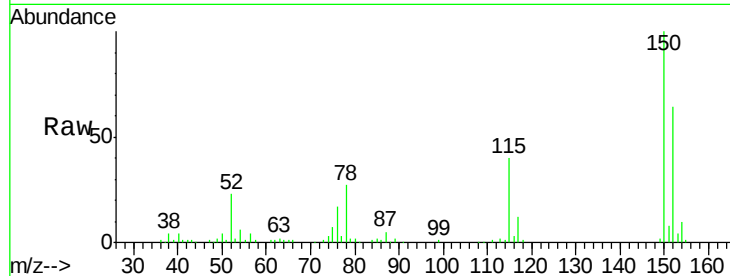
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Instrument :
BNA_F
ClientSampleId :
TP-6-SS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.0	186.0
115	63.1	49.6	74.4

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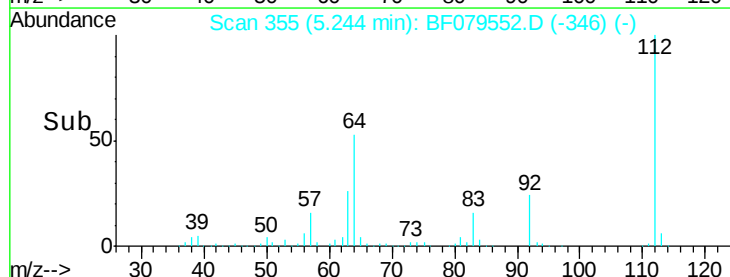
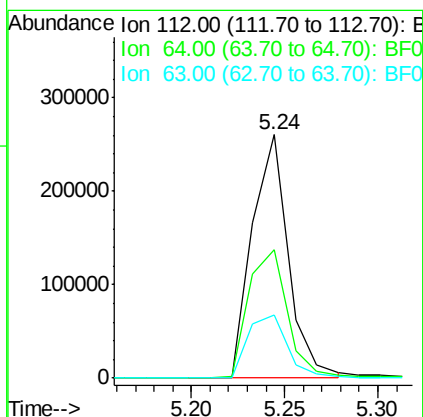
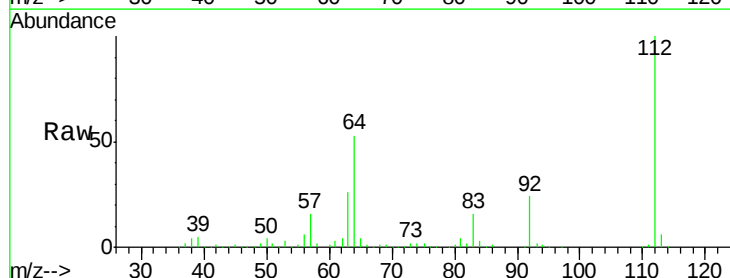
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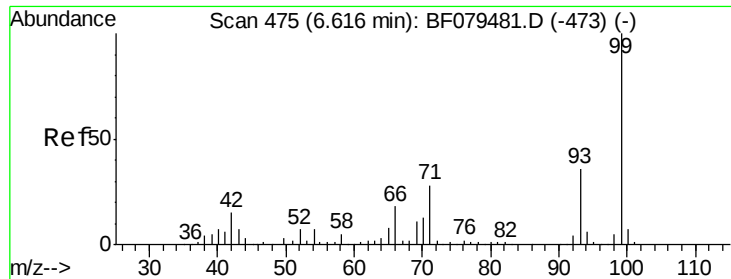


#5

2-Fluorophenol
Concen: 106.10 ng
RT: 5.24 min Scan# 355
Delta R.T. 0.01 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	43.5	65.3
63	26.0	21.8	32.8





#7

Phenol-d6

Concen: 116.88 ng

RT: 6.56 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF079552.D

Acq: 28 May 2015 19:02

Instrument :

BNA_F

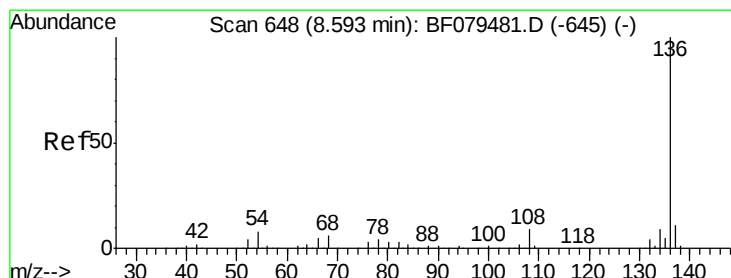
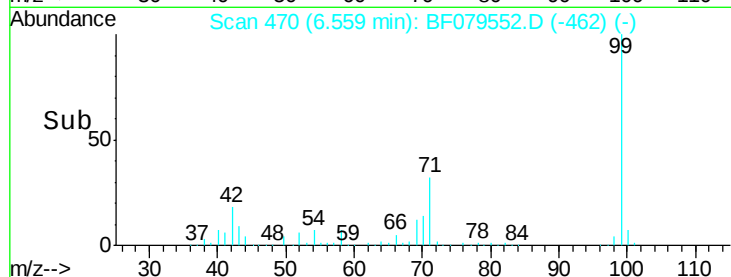
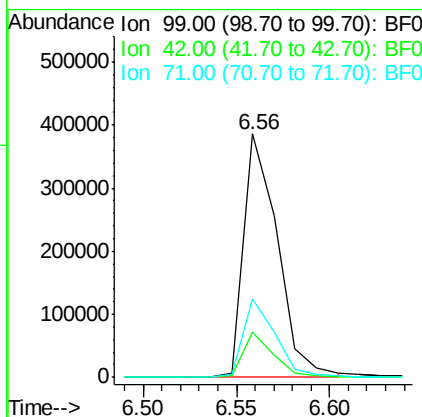
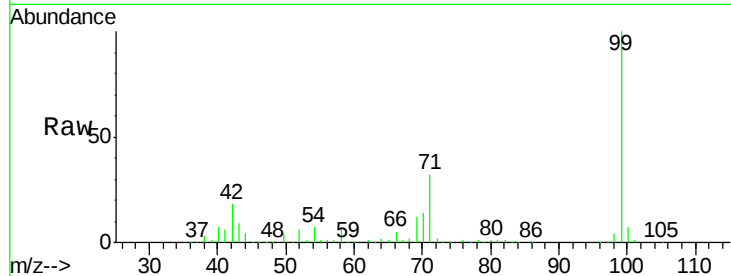
ClientSampleId :

TP-6-SS

Tot Ion:	99	Resp:	491111
Ion Ratio	Lower	Upper	
99	100		
42	18.4	11.9	17.9#
71	32.0	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

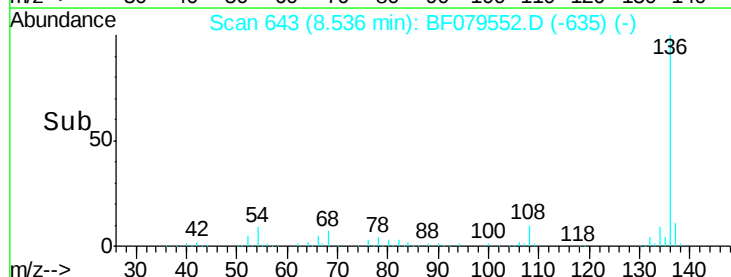
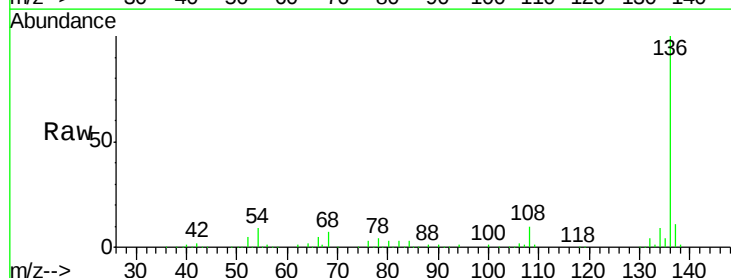
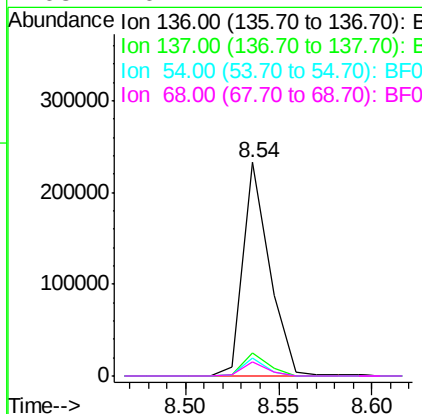
RT: 8.54 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF079552.D

Acq: 28 May 2015 19:02

Tgt Ion:	136	Resp:	231555
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	8.7	6.6	9.8
68	6.7	4.7	7.1





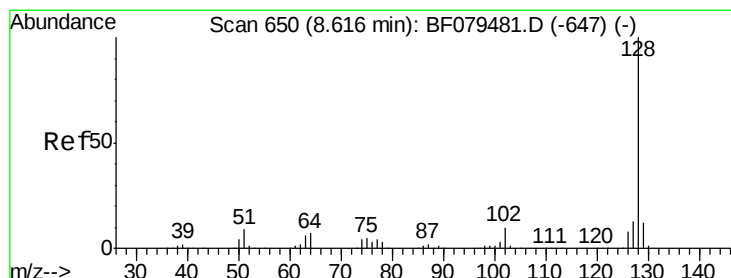
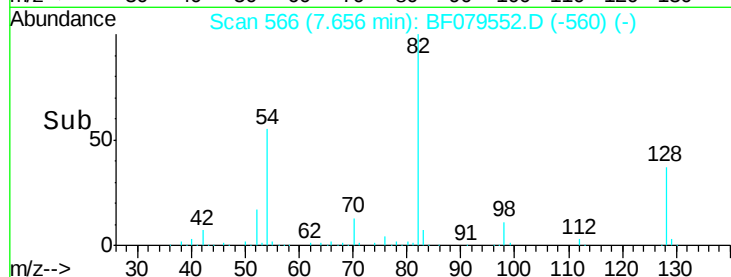
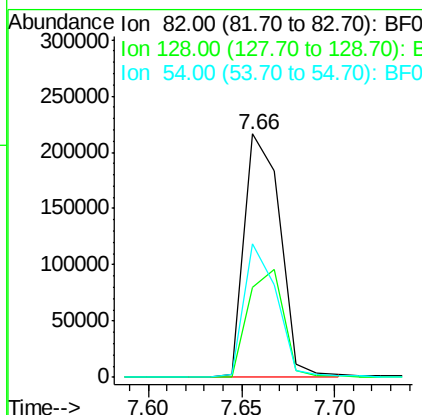
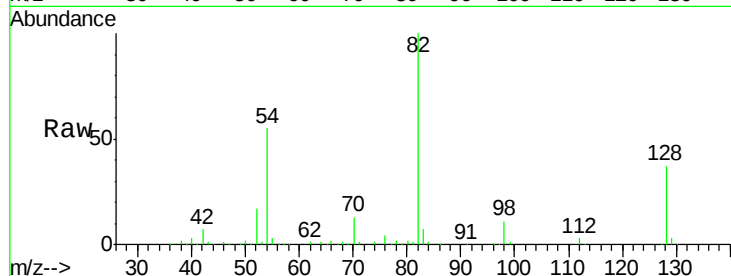
#23
Nitrobenzene-d5
Concen: 72.04 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Instrument :
BNA_F
ClientSampleId :
TP-6-SS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	288554		
128	37.2		30.8	46.2
54	54.9		42.8	64.2

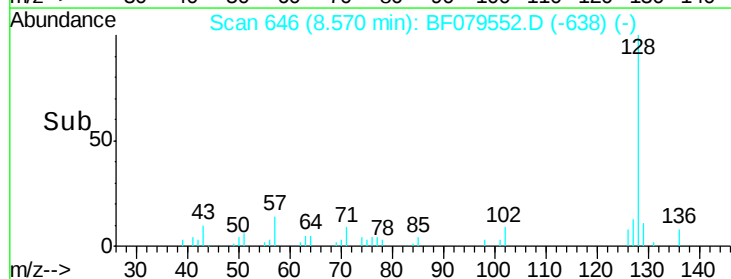
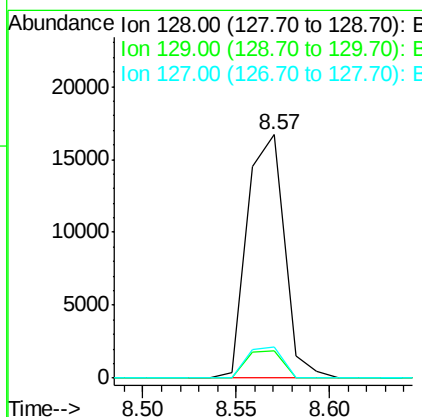
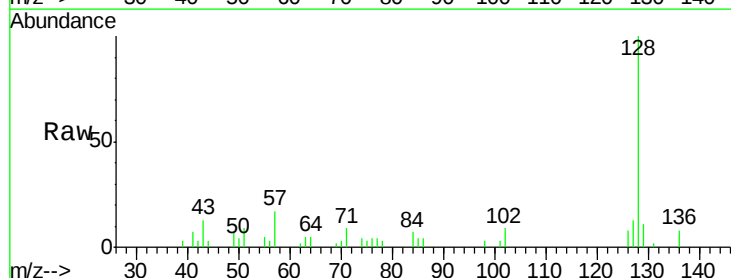
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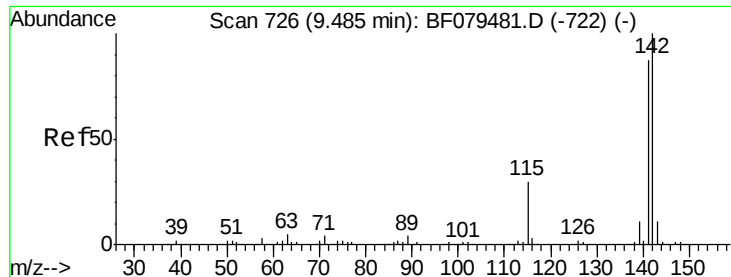
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#31
Naphthalene
Concen: 2.07 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	22991		
129	11.0		9.3	13.9
127	12.6		10.6	15.8





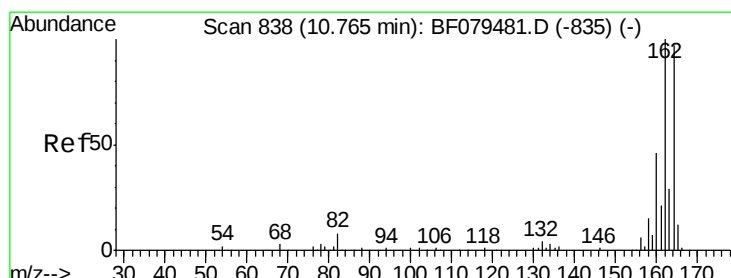
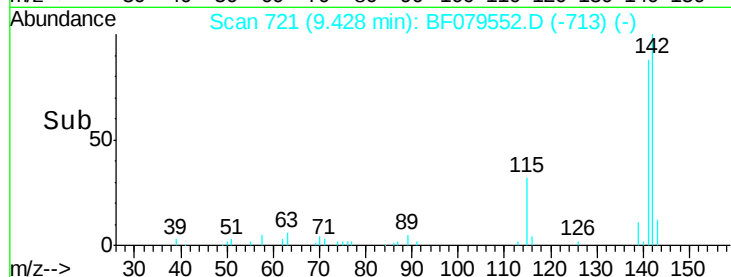
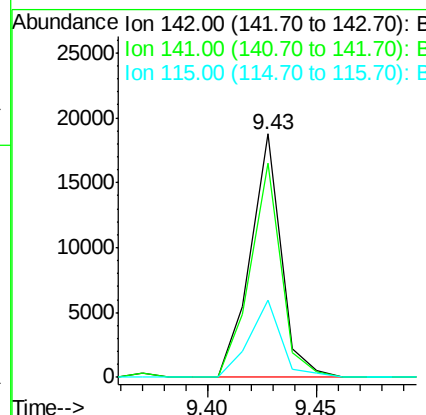
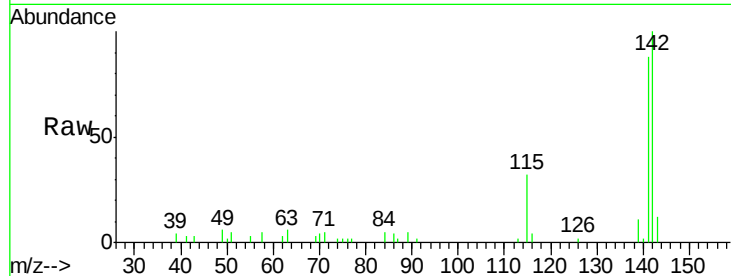
#37
2-Methylnaphthalene
Concen: 2.40 ng
RT: 9.43 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Instrument :
BNA_F
ClientSampleId :
TP-6-SS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.5	104.3
115	32.0	23.8	35.6

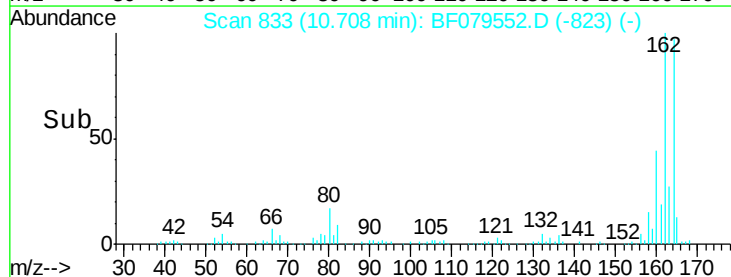
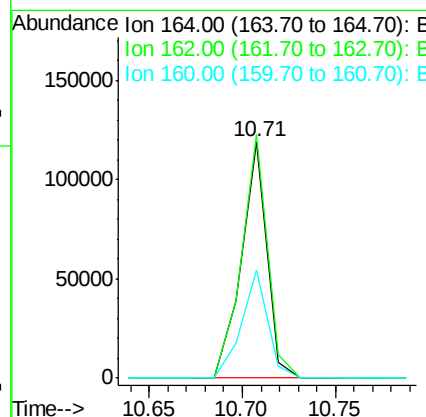
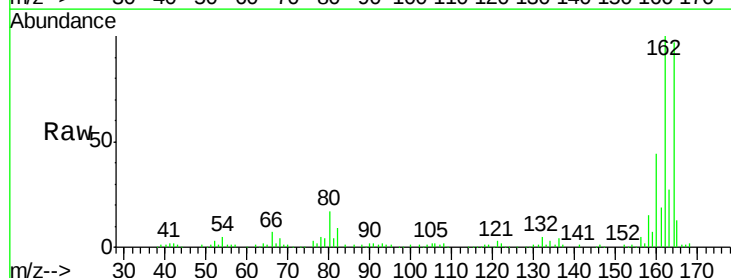
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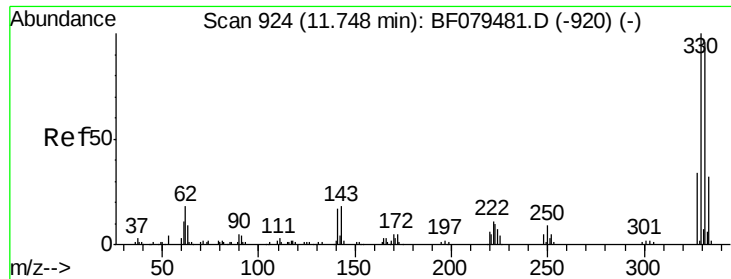
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	124.0
160	45.7	37.7	56.5





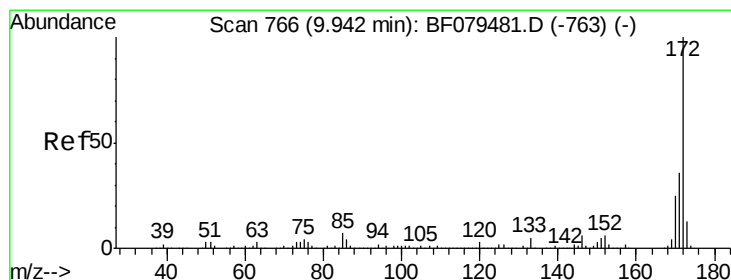
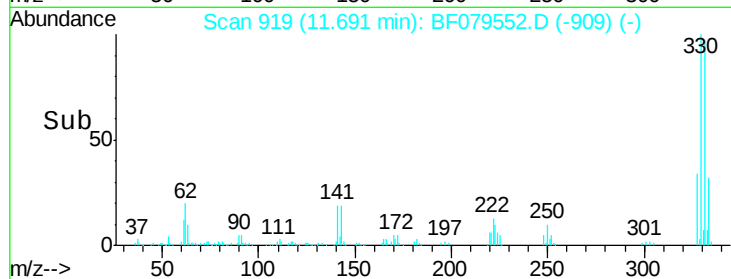
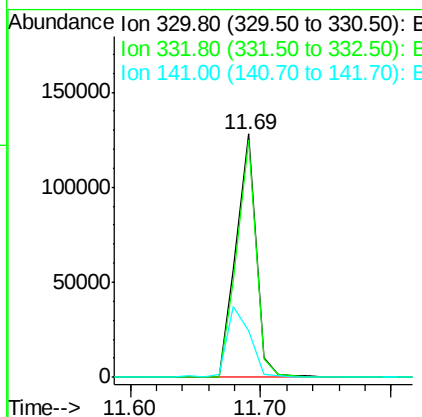
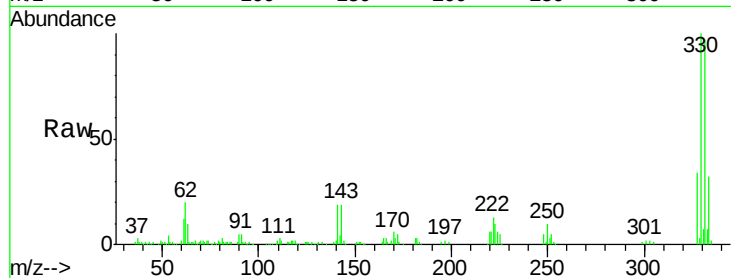
#41
 2,4,6-Tribromophenol
 Concen: 109.55 ng
 RT: 11.69 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BF079552.D
 Acq: 28 May 2015 19:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-SS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	34.7	0.0	0.0#

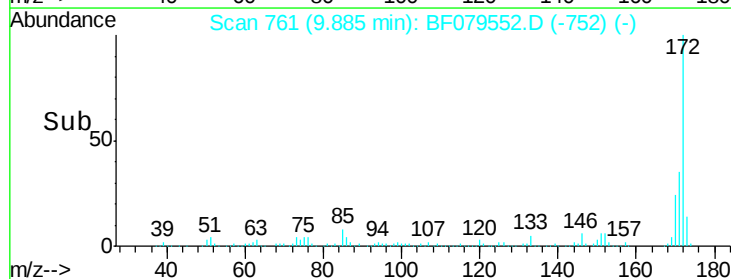
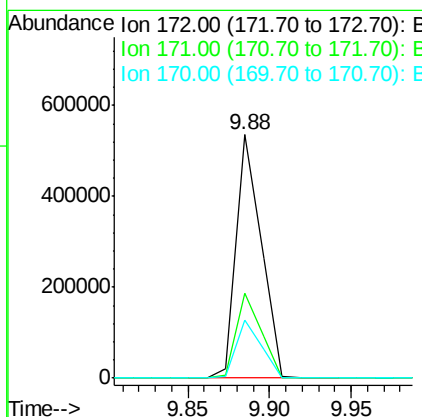
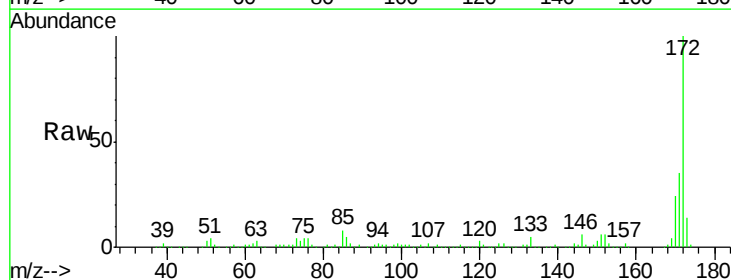
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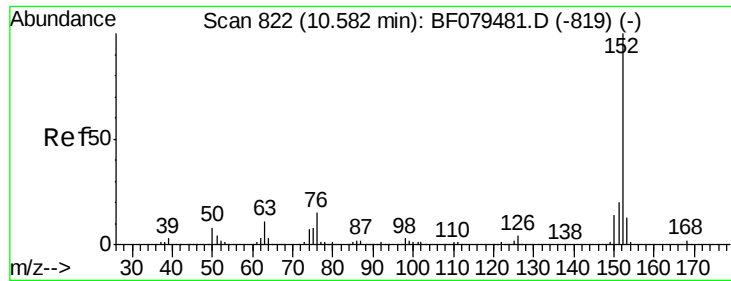
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#44
 2-Fluorobiphenyl
 Concen: 71.12 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079552.D
 Acq: 28 May 2015 19:02

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.9	19.7	29.5





#48

Acenaphthylene

Concen: 5.56 ng

RT: 10.54 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF079552.D

Acq: 28 May 2015 19:02

Instrument :

BNA_F

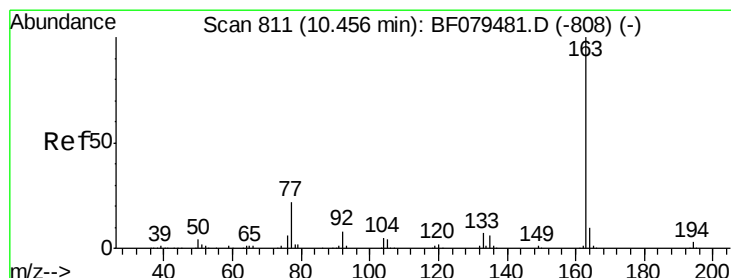
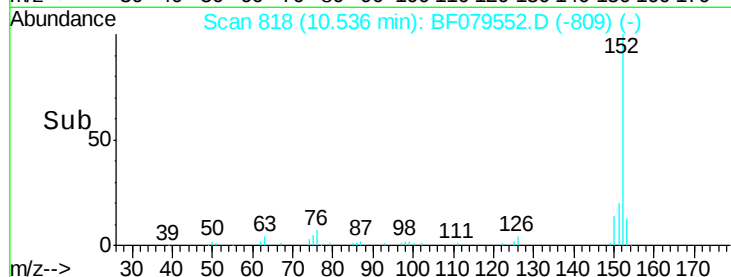
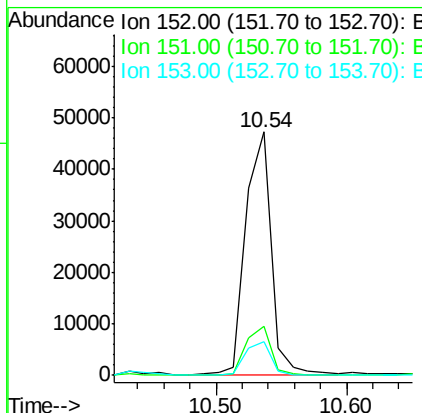
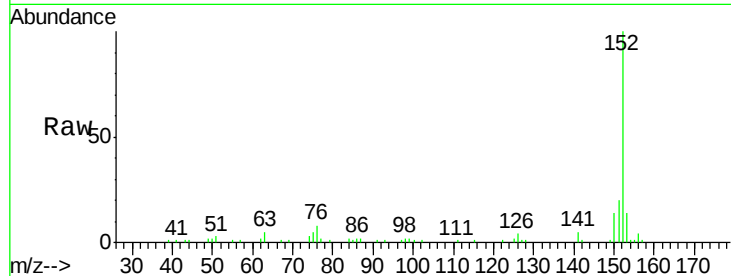
ClientSampleId :

TP-6-SS

Tot Ion:	152	Resp:	64934
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.8
153	14.1	10.7	16.1

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#49

Dimethylphthalate

Concen: 7.65 ng

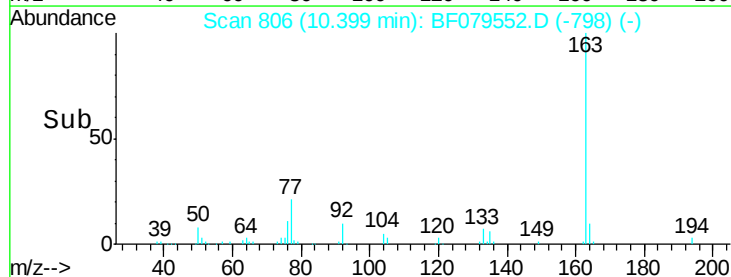
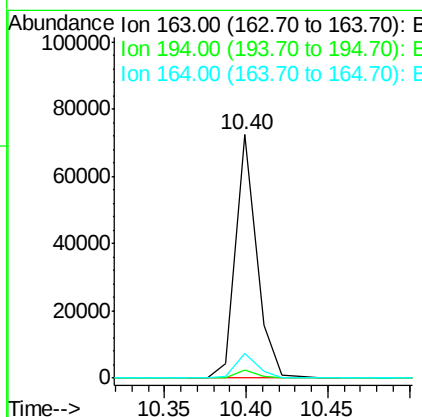
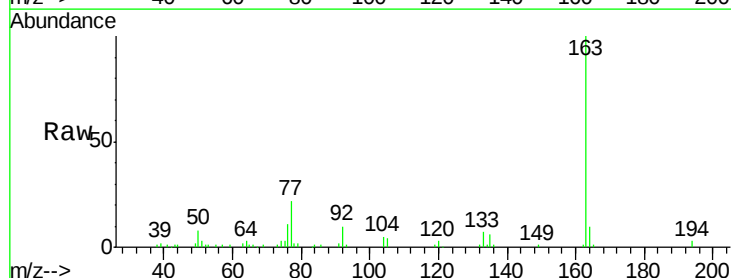
RT: 10.40 min Scan# 806

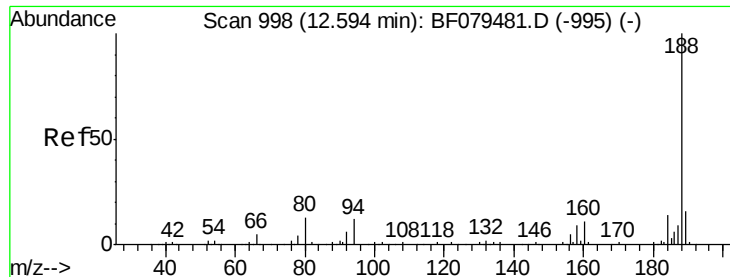
Delta R.T. -0.01 min

Lab File: BF079552.D

Acq: 28 May 2015 19:02

Tgt Ion:	163	Resp:	64214
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.4	3.6
164	10.3	8.2	12.4





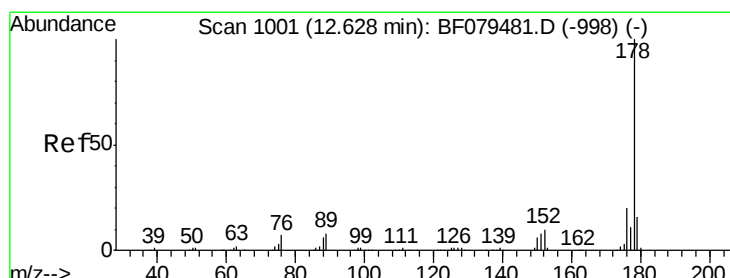
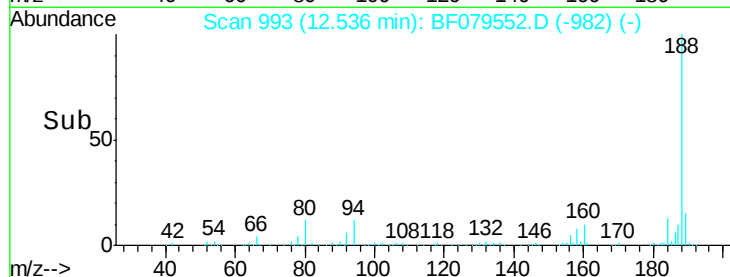
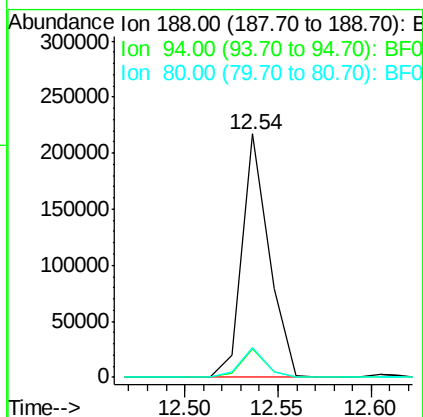
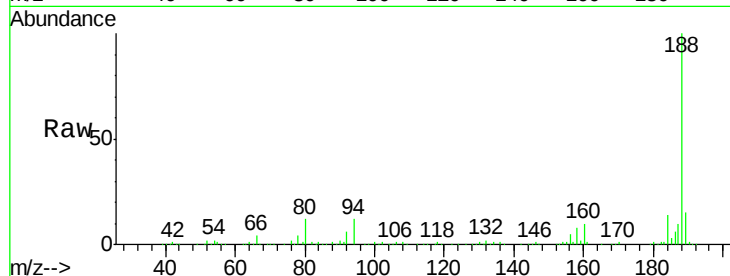
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Instrument :
BNA_F
ClientSampleId :
TP-6-SS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.7	9.8	14.6
80	12.2	10.5	15.7

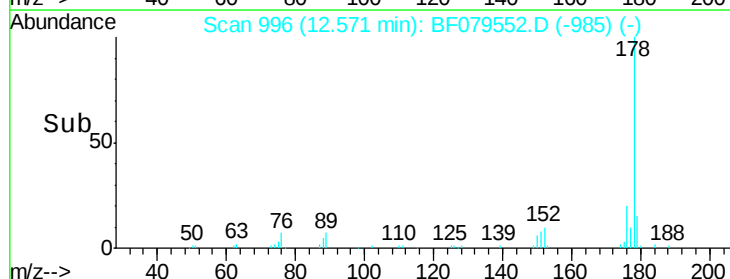
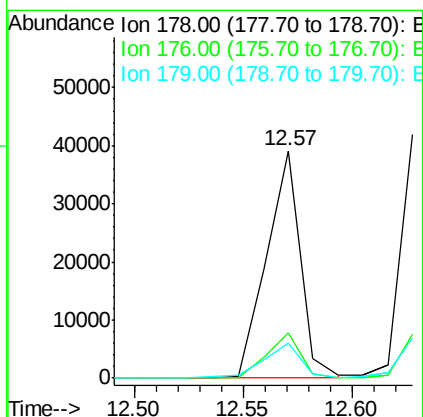
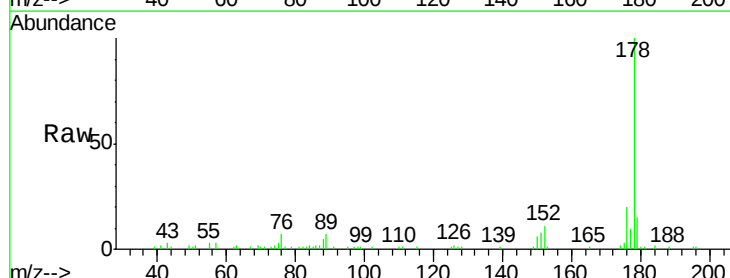
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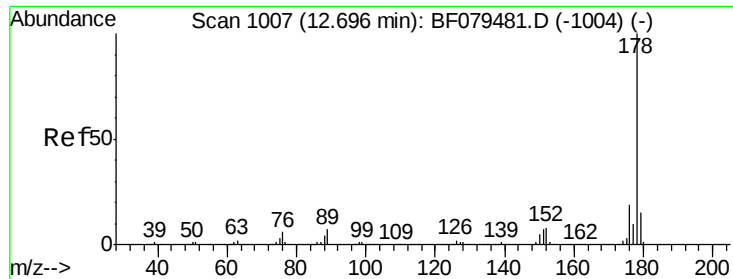
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#70
Phenanthrene
Concen: 3.54 ng
RT: 12.57 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.1	12.4	18.6





#71

Anthracene

Concen: 3.85 ng

RT: 12.63 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF079552.D

Acq: 28 May 2015 19:02

Instrument :

BNA_F

ClientSampled :

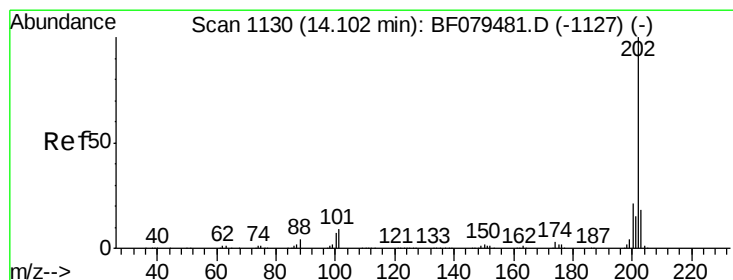
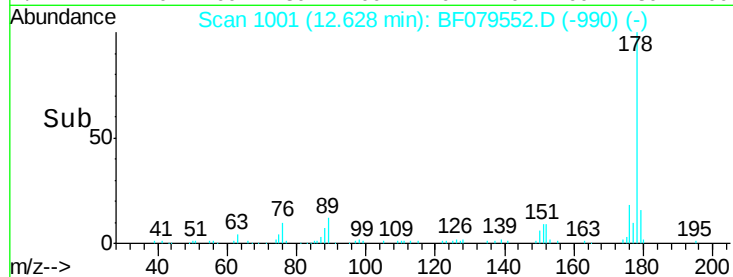
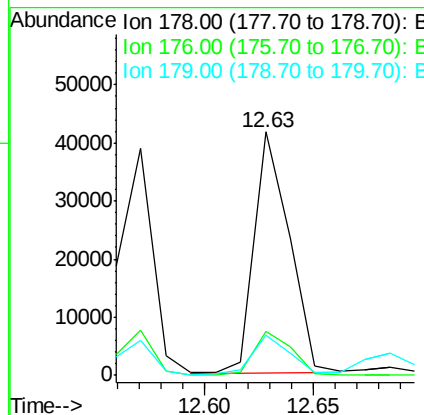
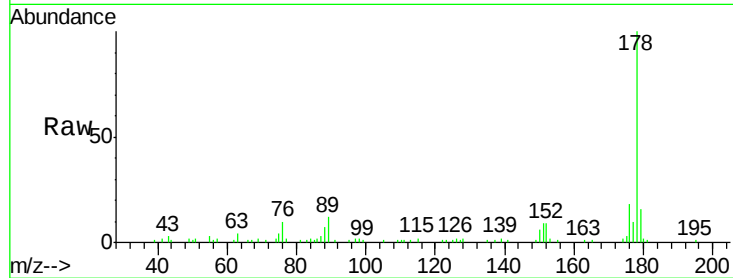
TP-6-SS

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Tot Ion:178	Resp:	46874
Ion Ratio	Lower	Upper
178	100	
176	18.0	15.3 22.9
179	16.2	12.2 18.4



#74

Fluoranthene

Concen: 7.85 ng

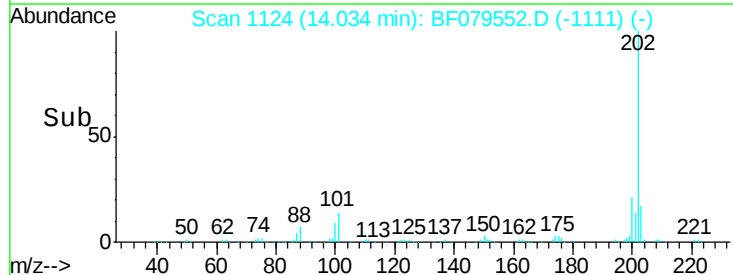
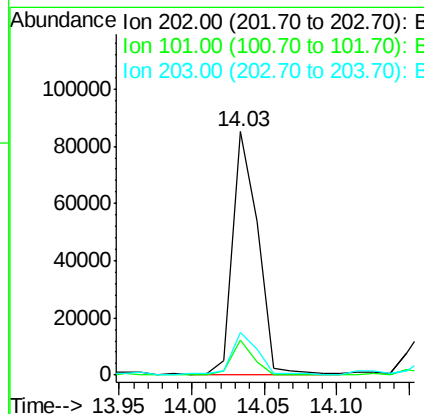
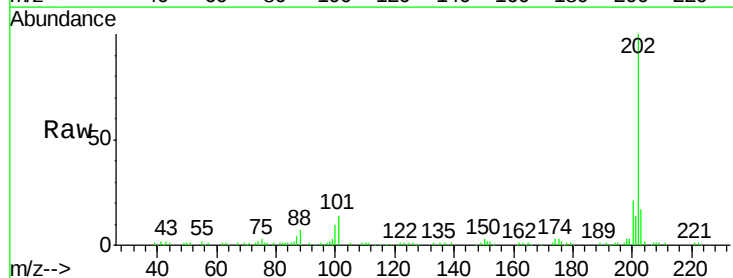
RT: 14.03 min Scan# 1124

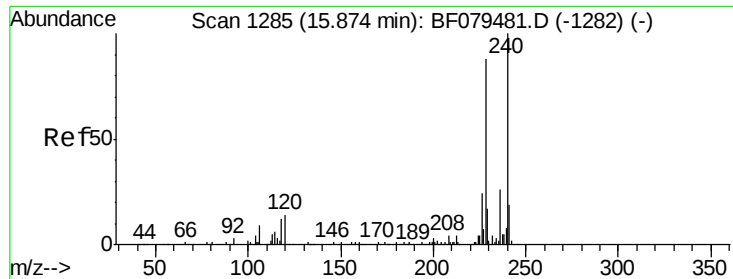
Delta R.T. -0.00 min

Lab File: BF079552.D

Acq: 28 May 2015 19:02

Tgt Ion:202	Resp:	101025
Ion Ratio	Lower	Upper
202	100	
101	14.2	0.0 29.3
203	17.3	0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.82 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF079552.D

Acq: 28 May 2015 19:02

Instrument :

BNA_F

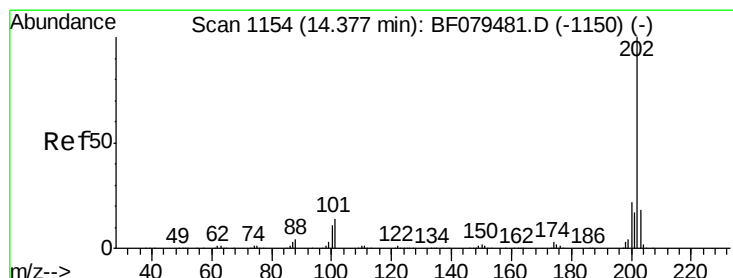
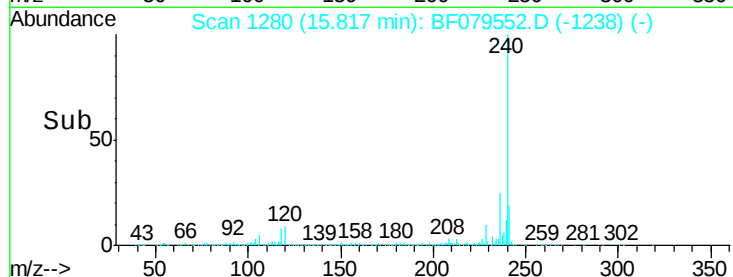
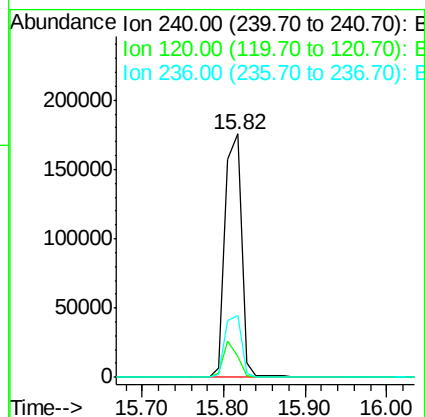
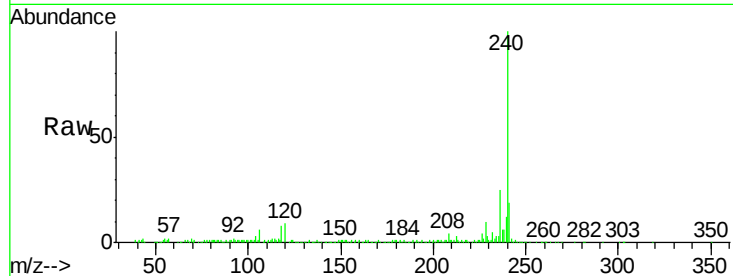
ClientSampleId :

TP-6-SS

Tot Ion:	240	Resp:	244921
Ion Ratio	Lower	Upper	
240	100		
120	8.6	10.8	16.2#
236	25.4	21.0	31.6

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#77

Pyrene

Concen: 8.21 ng

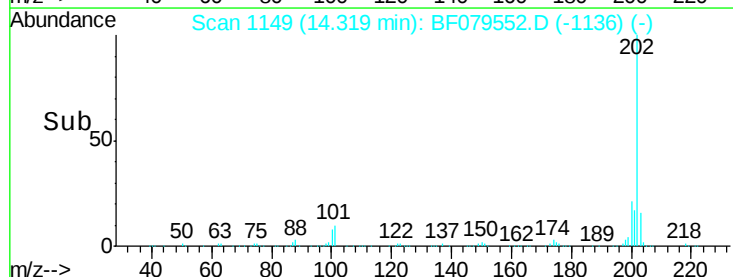
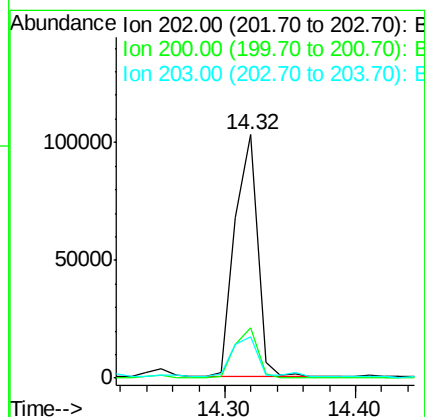
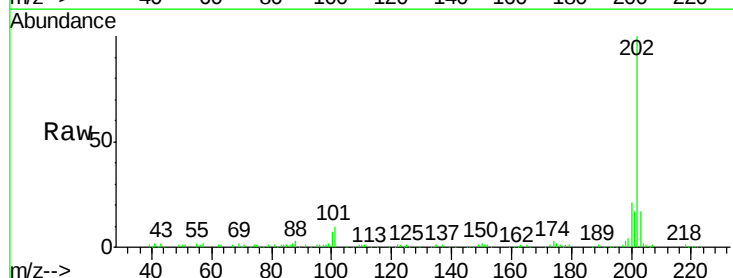
RT: 14.32 min Scan# 1149

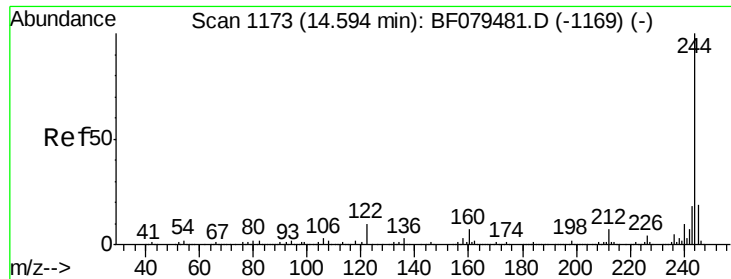
Delta R.T. -0.00 min

Lab File: BF079552.D

Acq: 28 May 2015 19:02

Tgt Ion:	202	Resp:	124553
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.5	26.3
203	17.2	14.4	21.6





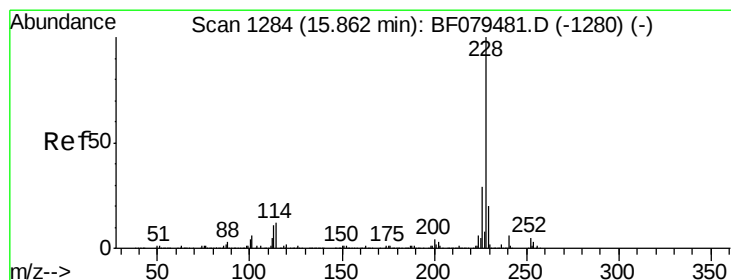
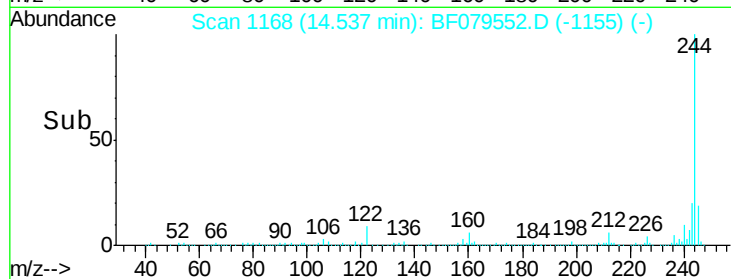
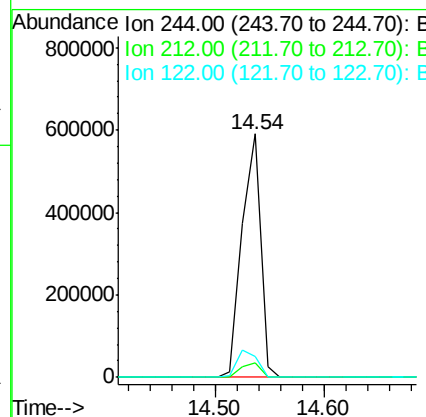
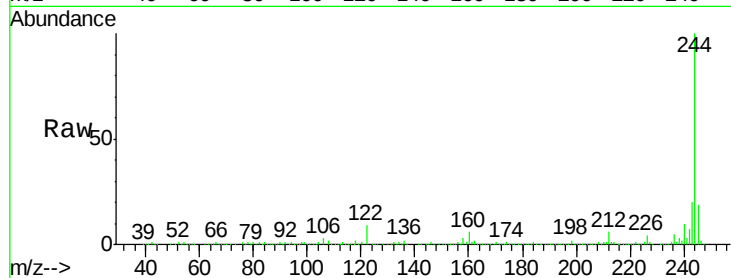
#78
 Terphenyl-d14
 Concen: 66.37 ng
 RT: 14.54 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF079552.D
 Acq: 28 May 2015 19:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-SS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.0	5.2	7.8
122	8.8	8.0	12.0

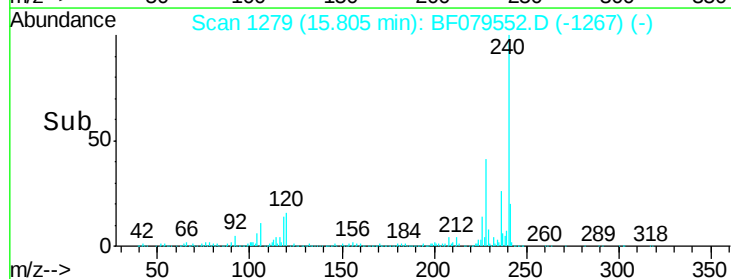
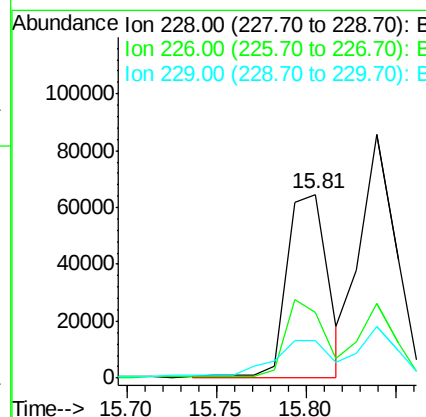
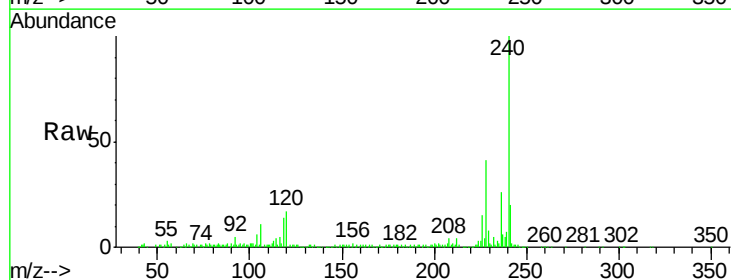
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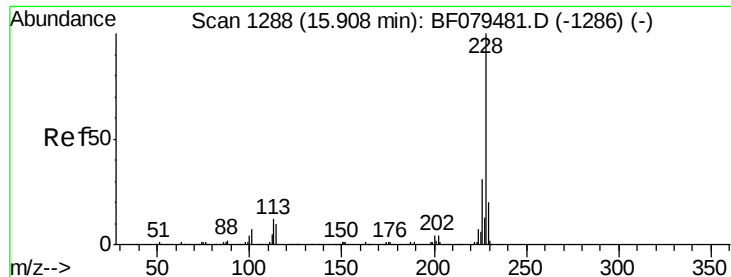
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#80
 Benzo(a)anthracene
 Concen: 7.41 ng m
 RT: 15.81 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF079552.D
 Acq: 28 May 2015 19:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	35.5	22.8	34.2#
229	20.6	15.9	23.9





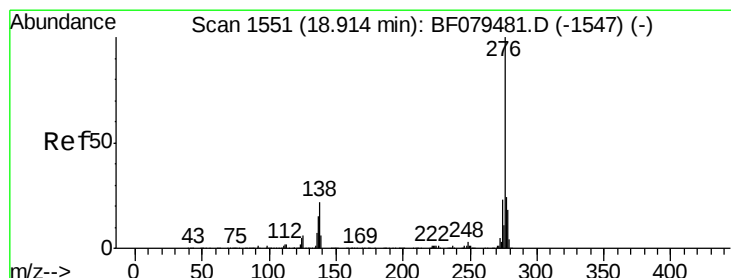
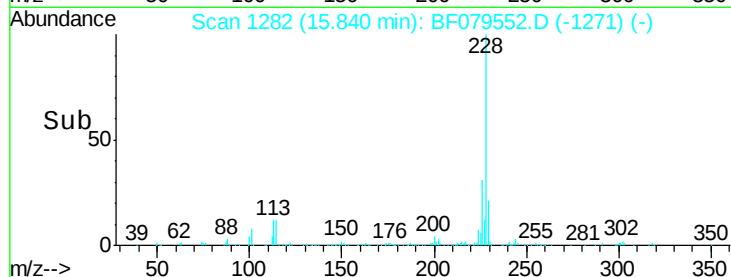
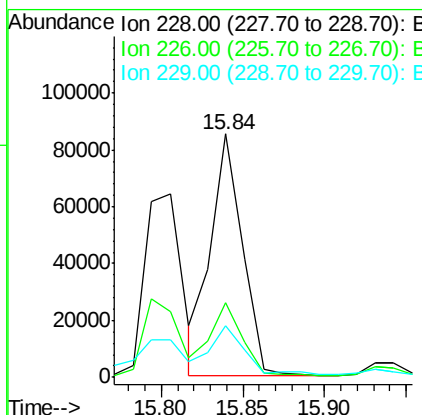
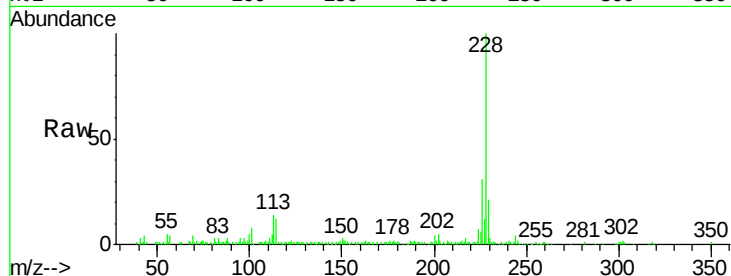
#82
Chrysene
Concen: 8.53 ng
RT: 15.84 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Instrument :
BNA_F
ClientSampled :
TP-6-SS

Tot Ion:	228	Resp:	114168
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.4
229	21.4	15.9	23.9

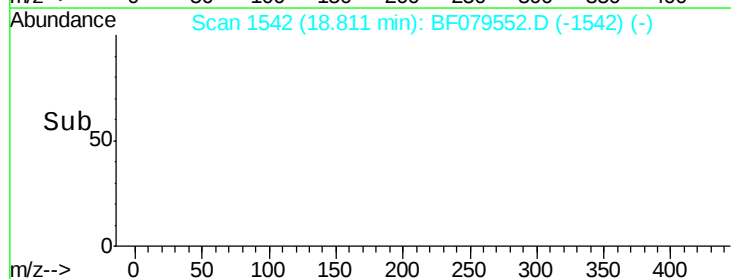
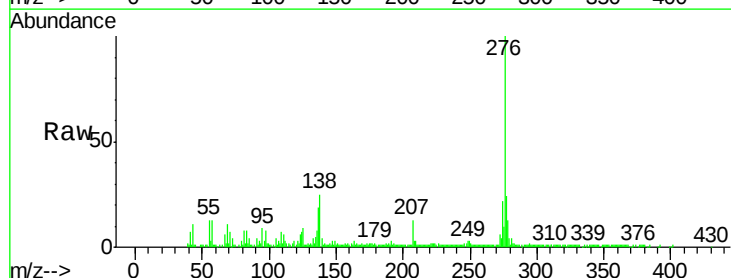
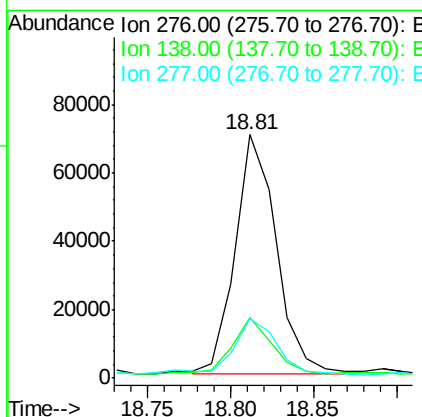
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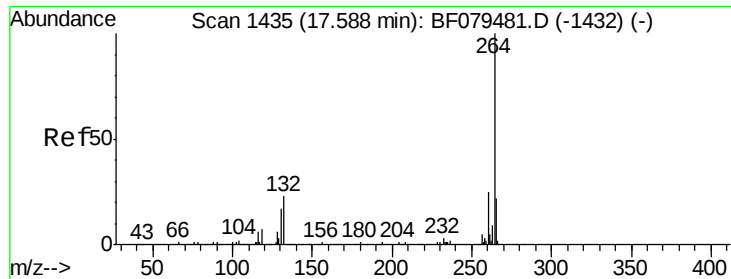
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#85
Indeno(1,2,3-cd)pyrene
Concen: 7.04 ng m
RT: 18.81 min Scan# 1542
Delta R.T. -0.21 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Tgt Ion:	276	Resp:	121352
Ion Ratio	Lower	Upper	
276	100		
138	2.0	21.4	32.2#
277	2.2	19.8	29.6#





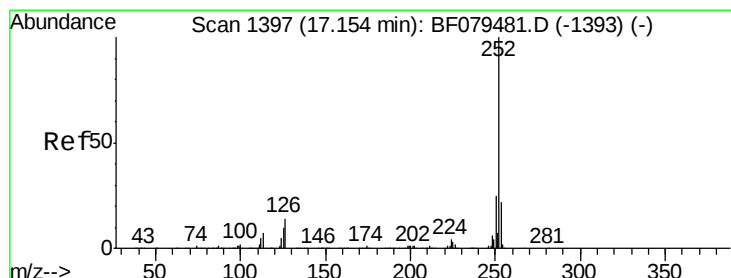
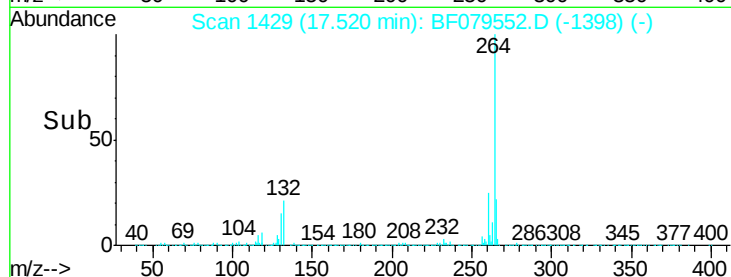
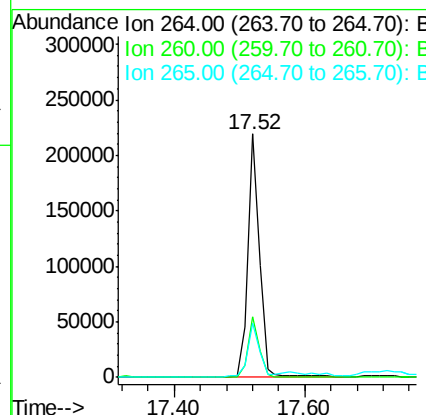
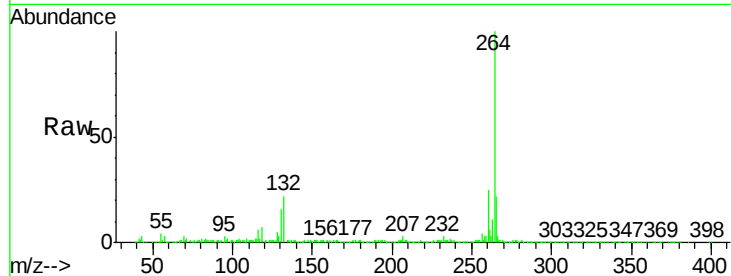
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.15 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Instrument :
BNA_F
ClientSampleId :
TP-6-SS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.9	19.8	29.8		
265	22.2	17.8	26.6		

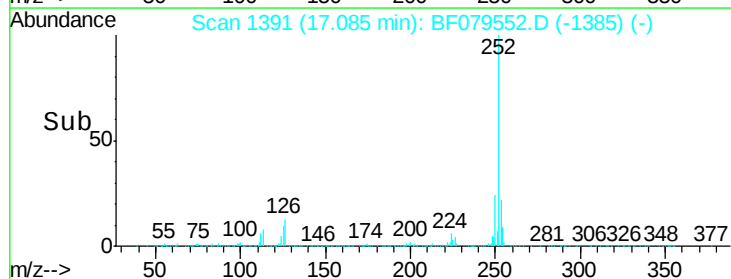
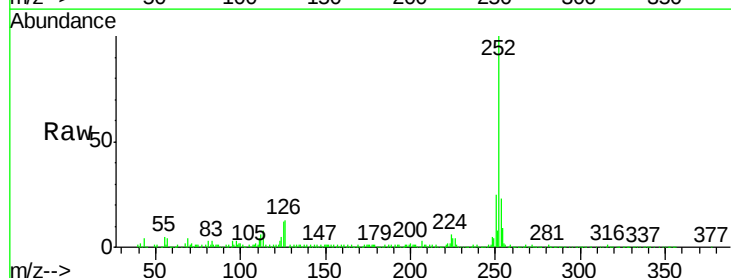
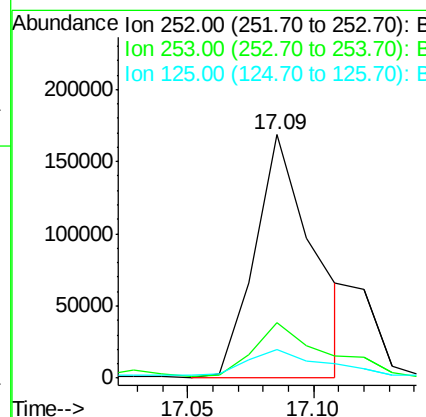
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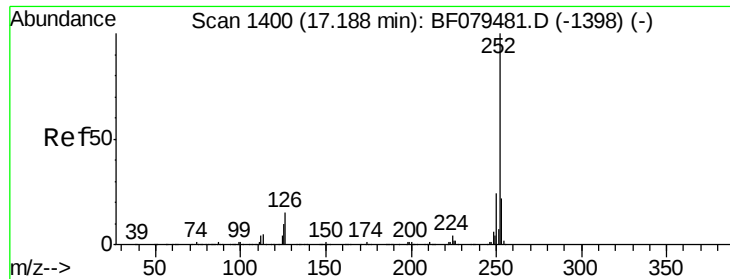
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#87
Benzo(b)fluoranthene
Concen: 18.00 ng m
RT: 17.09 min Scan# 1391
Delta R.T. -0.11 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.7	17.6	26.4		
125	11.6	7.8	11.6		





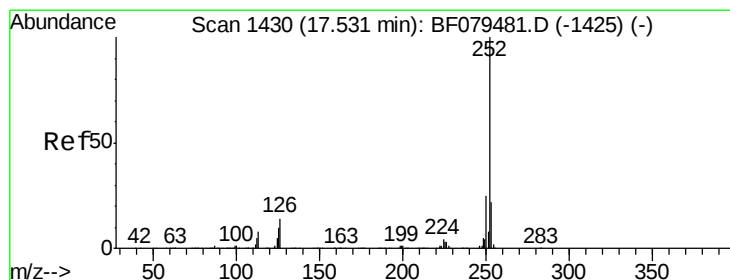
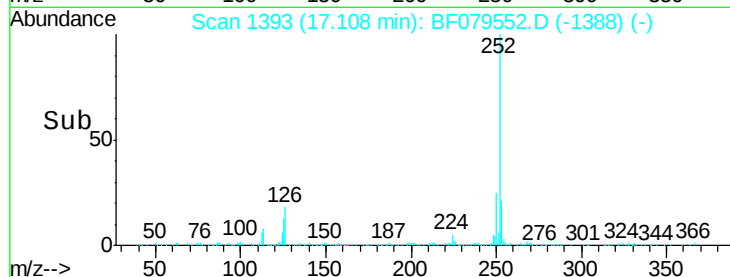
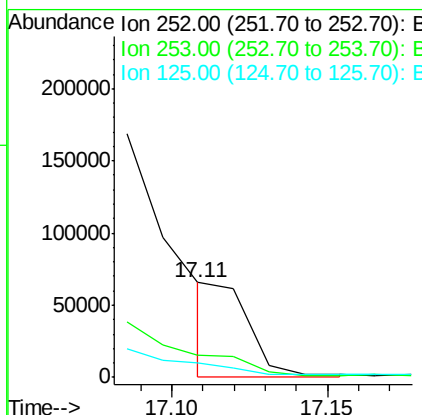
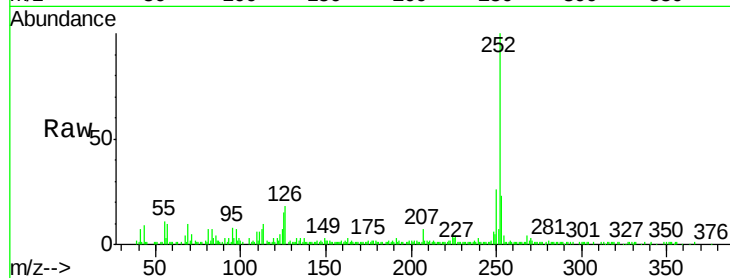
#88
Benzo(k)fluoranthene
Concen: 3.74 ng m
RT: 17.11 min Scan# 1393
Delta R.T. -0.13 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Instrument :
BNA_F
ClientSampleId :
TP-6-SS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	15.3	6.8	10.2

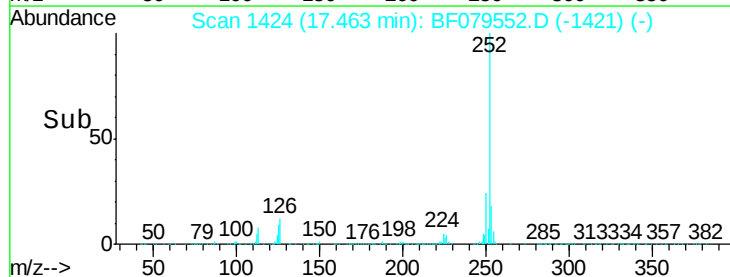
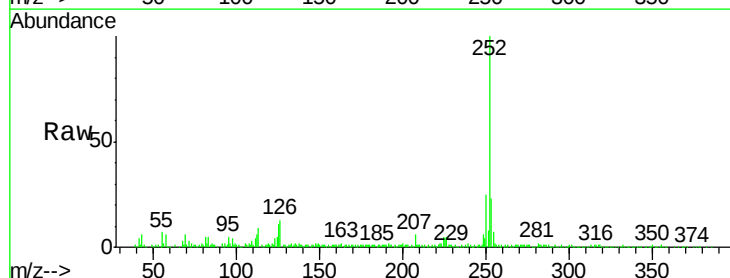
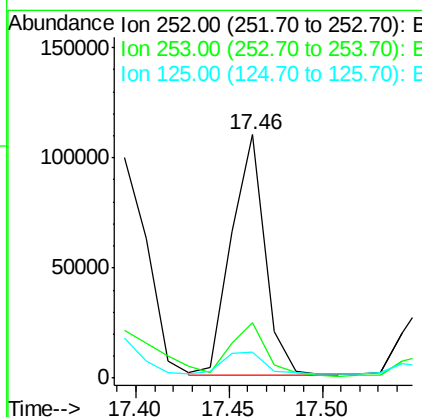
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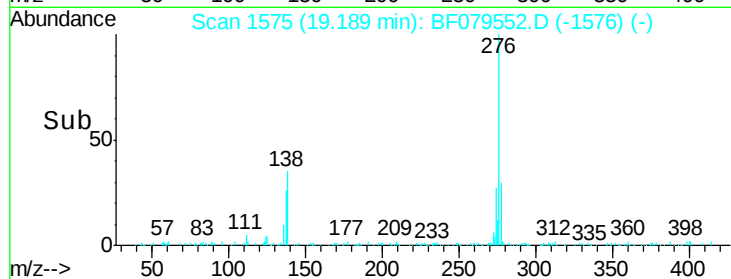
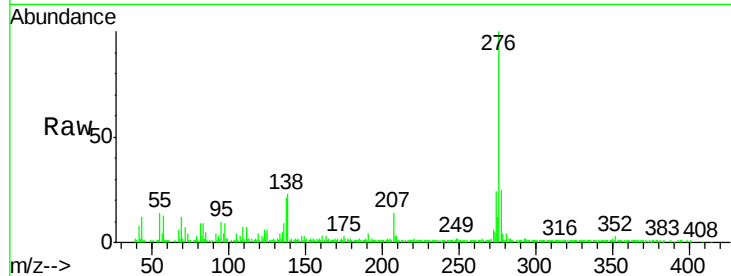
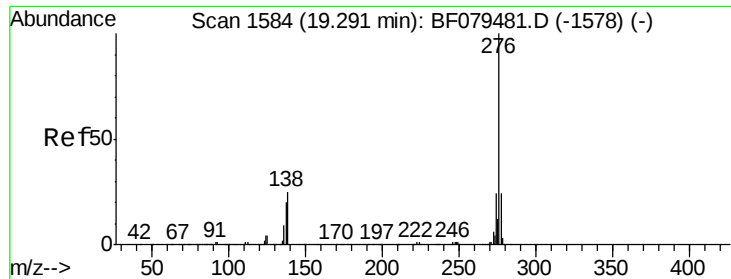
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#89
Benzo(a)pyrene
Concen: 8.74 ng
RT: 17.46 min Scan# 1424
Delta R.T. -0.15 min
Lab File: BF079552.D
Acq: 28 May 2015 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.5	7.9	11.9





#91
 Benzo(a,h,i)perylene
 Concen: 6.36 ng
 RT: 19.19 min Scan# 1575
 Delta R.T. -0.22 min
 Lab File: BF079552.D
 Acq: 28 May 2015 19:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-SS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	25.2	19.1	28.7
138	23.4	20.1	30.1

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