

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079205.D
 Acq On : 13 May 2015 20:43
 Operator : TP/IZ
 Sample : G2215-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40S

Manual Integrations
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Quant Time: May 14 11:58:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	60479	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	233181	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	115950	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	220461	20.00	ng	-0.01
75) Chrysene-d12	16.16	240	232032	20.00	ng	0.00
86) Perylene-d12	18.03	264	260114	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	373006	106.17	ng	0.00
7) Phenol-d6	6.80	99	509614	109.73	ng	0.00
23) Nitrobenzene-d5	7.92	82	252563	62.25	ng	-0.01
41) 2,4,6-Tribromophenol	11.97	330	133789	106.66	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	545320	65.52	ng	0.00
78) Terphenyl-d14	14.82	244	617308	63.69	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	10.81	152	34624	2.93	ng	99
49) Dimethylphthalate	10.66	163	34792	4.09	ng	99
70) Phenanthrene	12.86	178	315436	25.58	ng	99
71) Anthracene	12.93	178	84456	6.98	ng	97
74) Fluoranthene	14.34	202	484167	37.67	ng	93
77) Pyrene	14.62	202	438538	32.80	ng	97
80) Benzo(a)anthracene	16.15	228	255677m	20.12	ng	
82) Chrysene	16.19	228	238847m	19.54	ng	
83) Bis(2-ethylhexyl)phthalate	16.21	149	30085	3.40	ng	# 94
85) Indeno(1,2,3-cd)pyrene	19.50	276	137353	8.82	ng	# 100
87) Benzo(b)fluoranthene	17.54	252	300096m	21.08	ng	
88) Benzo(k)fluoranthene	17.58	252	91816m	6.66	ng	
89) Benzo(a)pyrene	17.97	252	222827	17.00	ng	97
90) Dibenzo(a,h)anthracene	19.52	278	33729	2.42	ng	# 87
91) Benzo(a,h,i)perylene	19.93	276	127581	9.14	ng	98

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

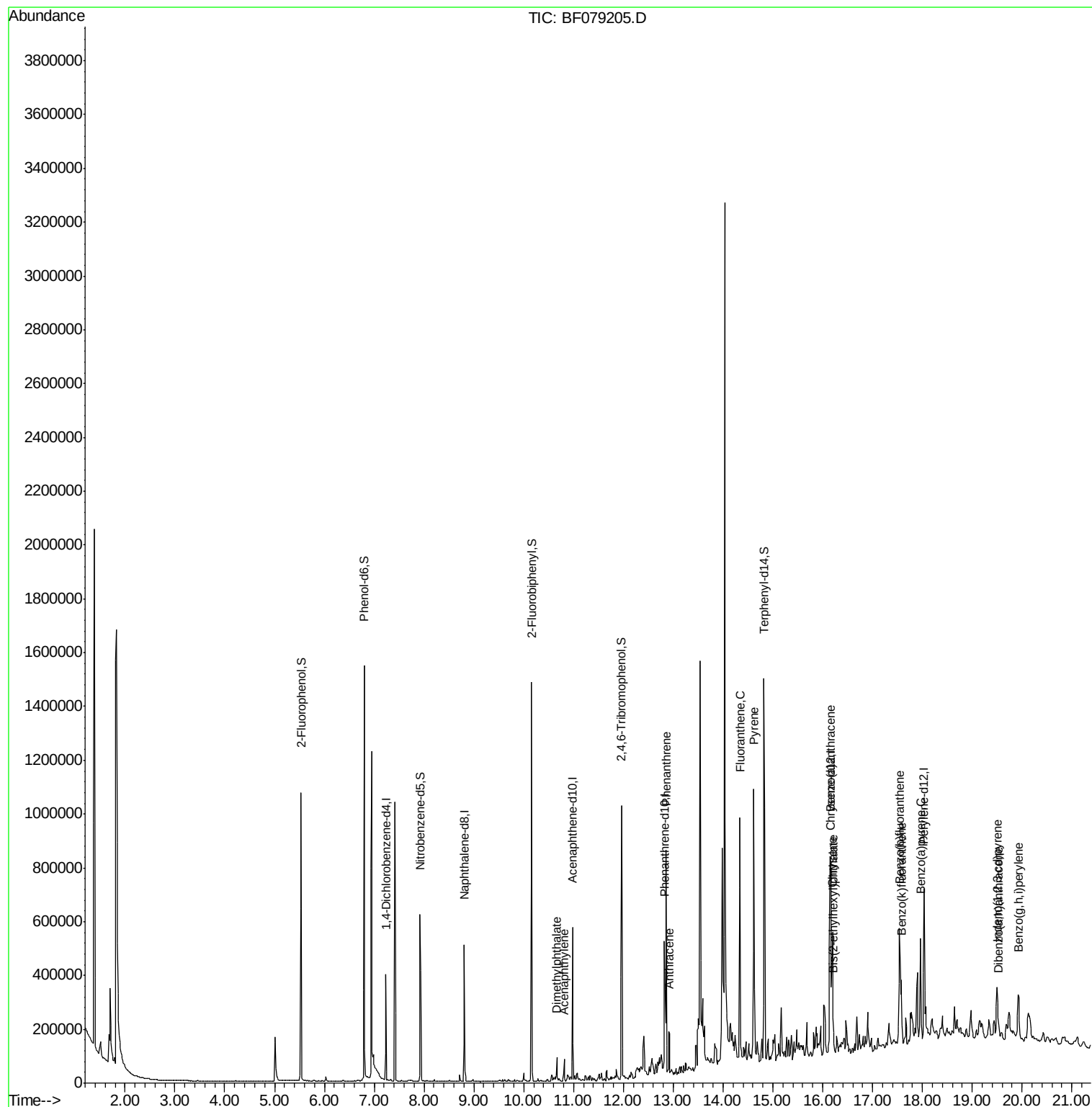
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
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ALS Vial : 10 Sample Multiplier: 1

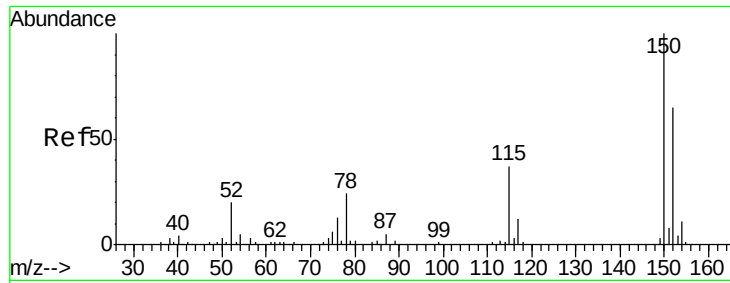
Instrument :
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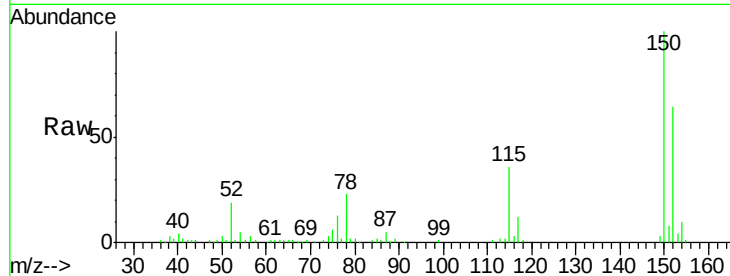
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079205.D
 Acq: 13 May 2015 20:43

Instrument :
 BNA_F
 ClientSampleID :
 SB-40S

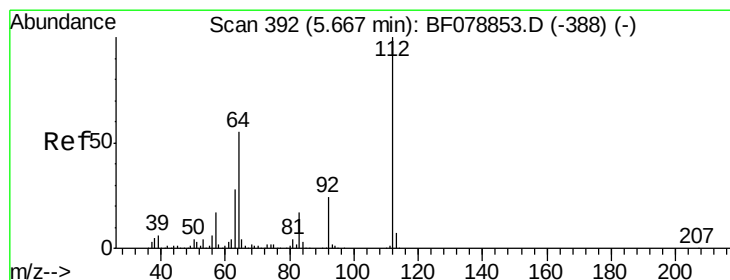
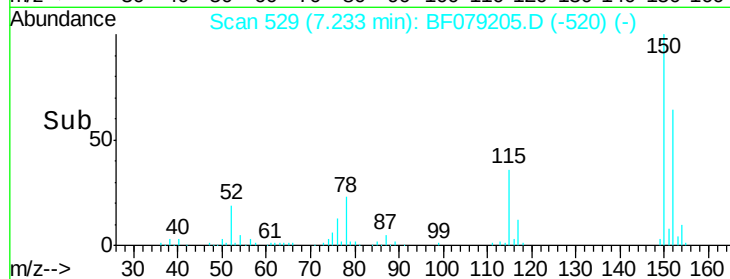
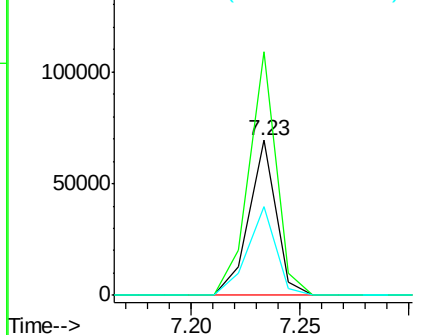
Tot Ion:	152	Resp:	60479
Ion Ratio	Lower	Upper	
152	100		
150	157.3	122.0	183.0
115	57.4	46.3	69.5

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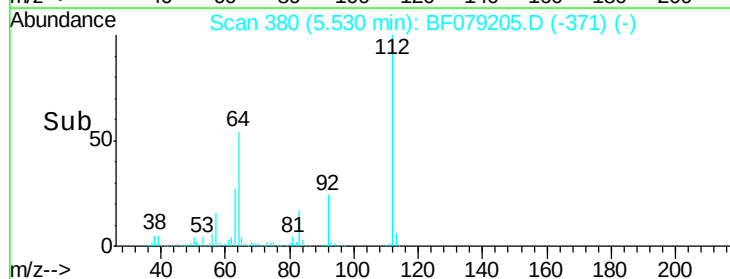
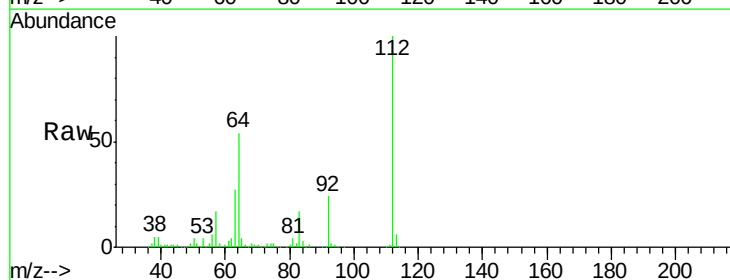
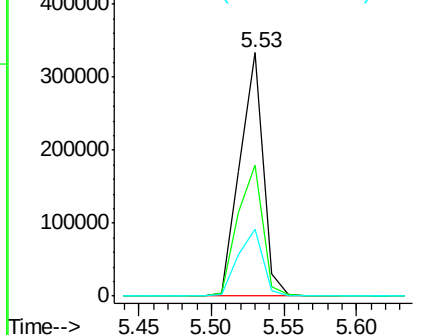
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

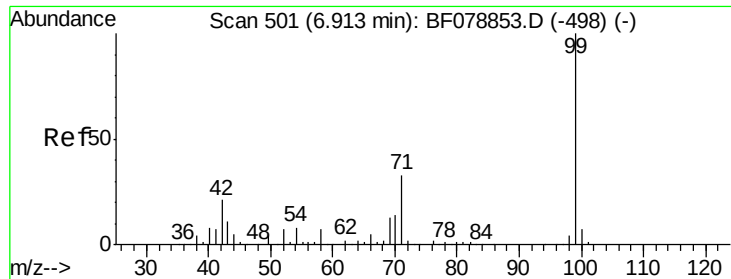


#5
 2-Fluorophenol
 Concen: 106.17 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079205.D
 Acq: 13 May 2015 20:43

Tgt Ion:	112	Resp:	373006
Ion Ratio	Lower	Upper	
112	100		
64	53.9	53.5	80.3
63	27.3	27.5	41.3#

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





#7

Phenol-d6

Concen: 109.73 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Instrument :

BNA_F

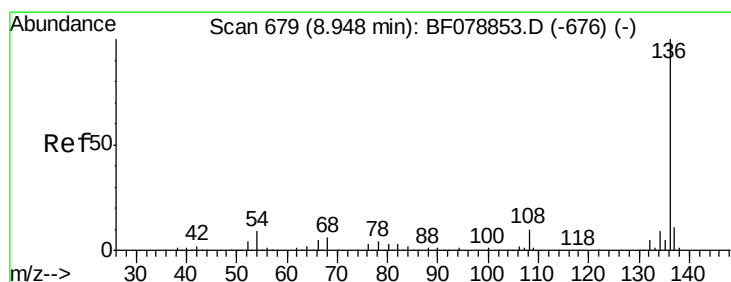
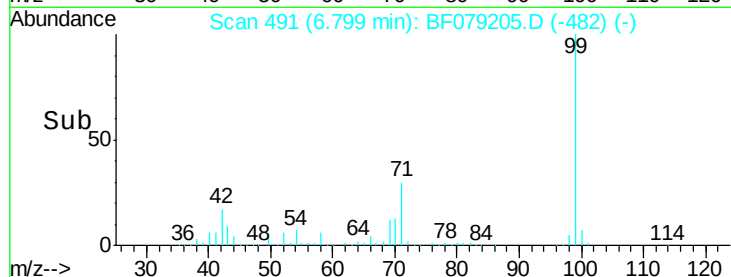
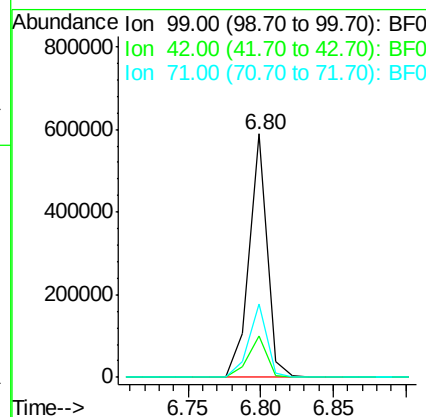
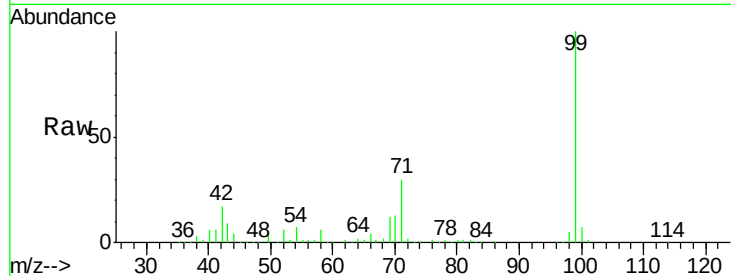
ClientSampleId :

SB-40S

Tot Ion:	99	Resp:	509614
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.8	19.2
71	30.0	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

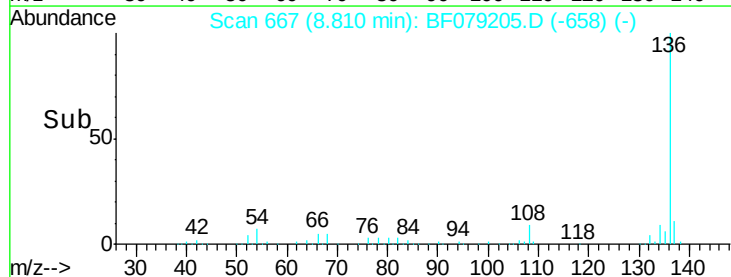
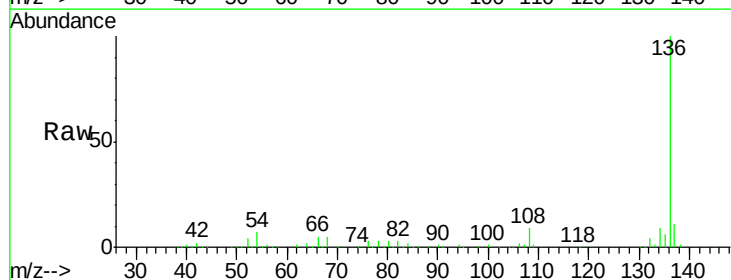
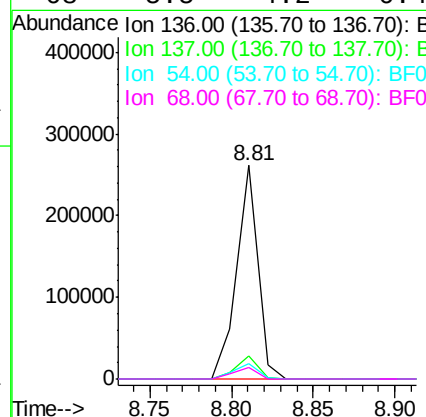
RT: 8.81 min Scan# 667

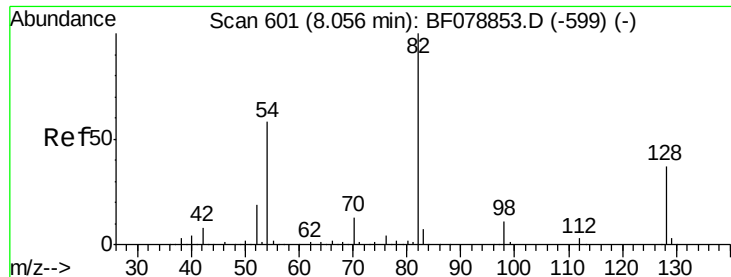
Delta R.T. 0.00 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Tgt Ion:	136	Resp:	233181
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	7.3	5.8	8.8
68	5.5	4.2	6.4





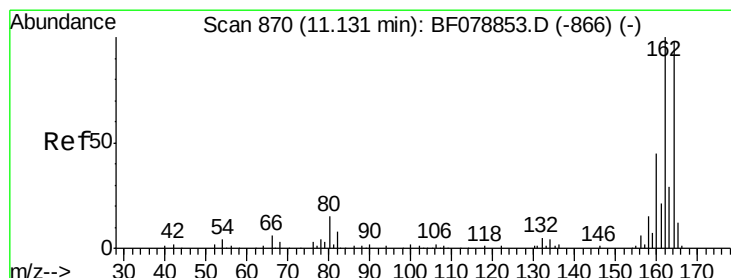
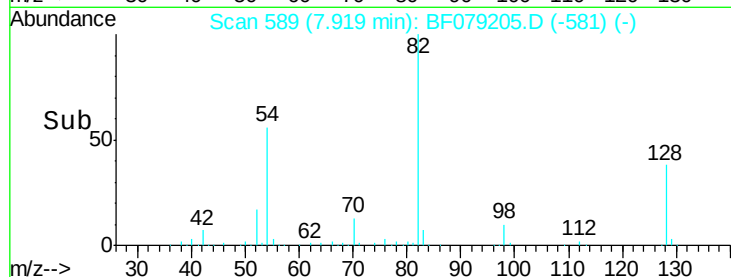
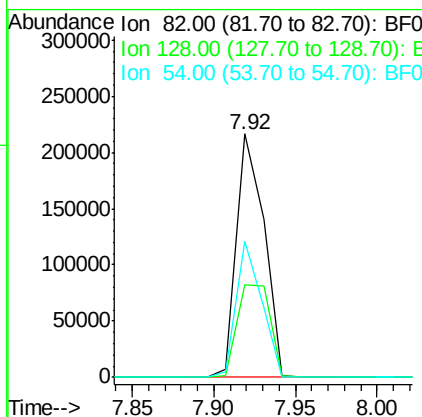
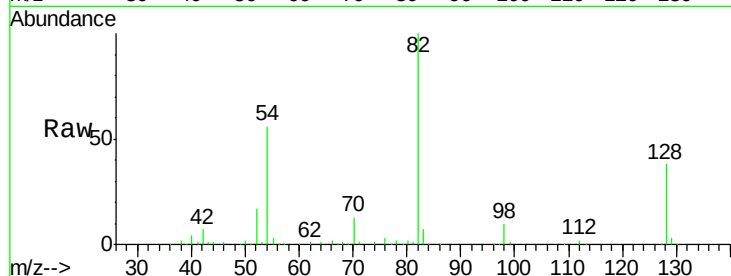
#23
 Nitrobenzene-d5
 Concen: 62.25 ng
 RT: 7.92 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF079205.D
 Acq: 13 May 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-40S

Tot Ion:	82	Resp:	252563
Ion Ratio	Lower	Upper	
82	100		
128	38.1	30.0	45.0
54	55.8	46.4	69.6

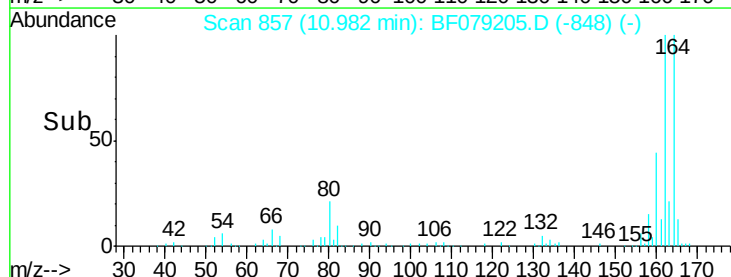
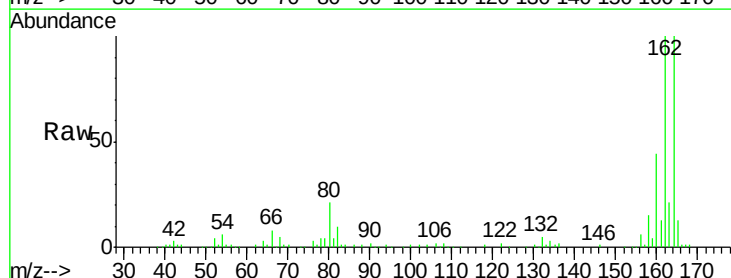
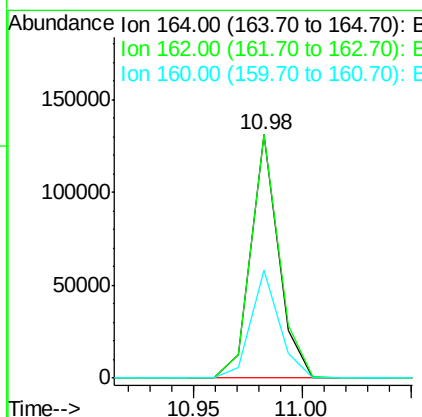
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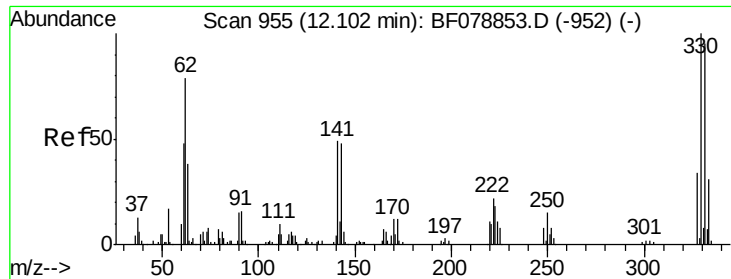
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079205.D
 Acq: 13 May 2015 20:43

Tgt Ion:	164	Resp:	115950
Ion Ratio	Lower	Upper	
164	100		
162	100.0	82.7	124.1
160	44.5	35.8	53.8





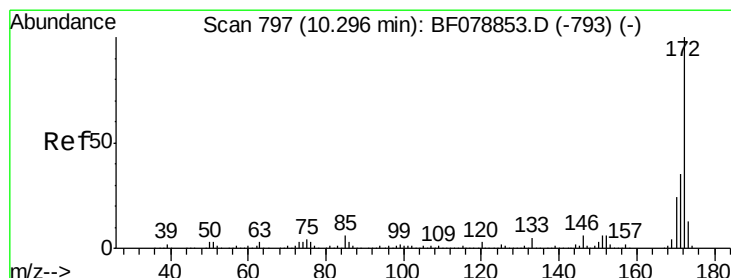
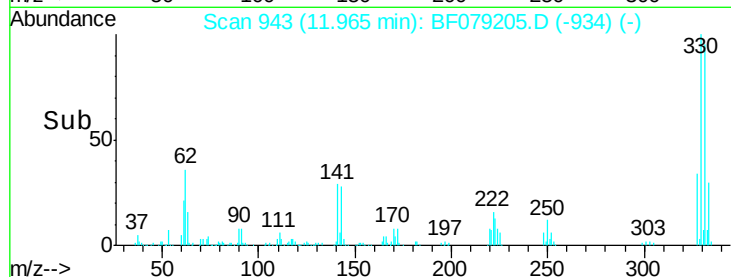
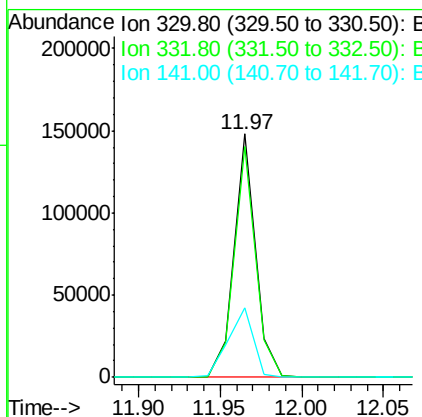
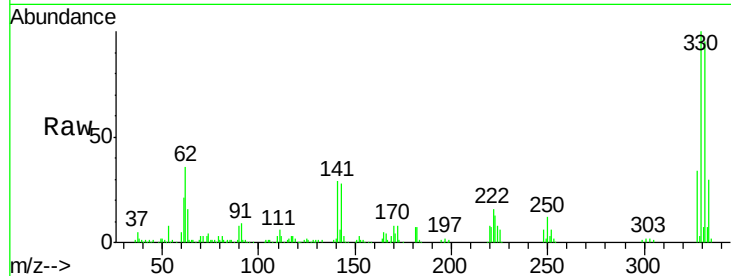
#41
 2,4,6-Tribromophenol
 Concen: 106.66 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079205.D
 Acq: 13 May 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-40S

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	33.7	0.0	0.0#

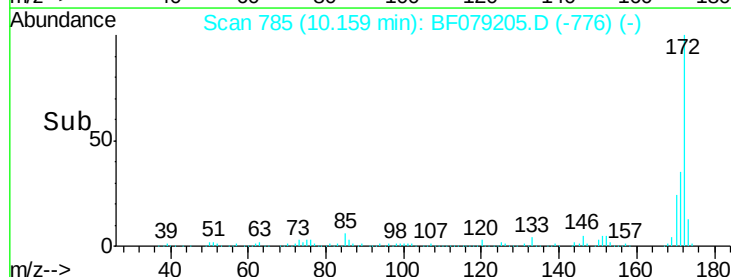
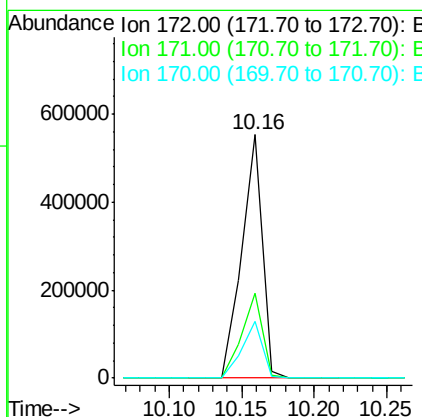
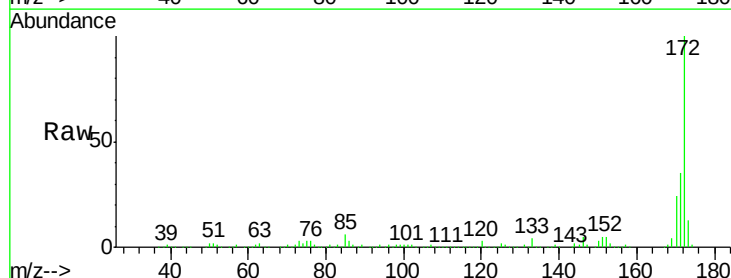
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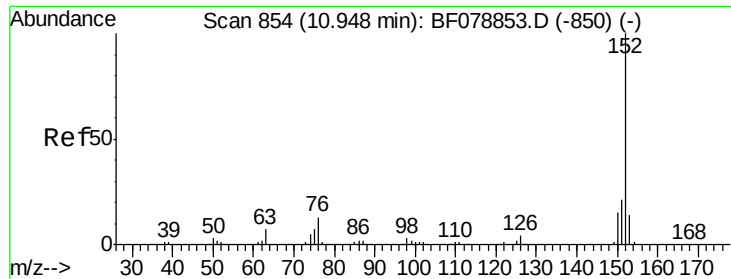
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#44
 2-Fluorobiphenyl
 Concen: 65.52 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079205.D
 Acq: 13 May 2015 20:43

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.5	19.4	29.0





#48

Acenaphthylene

Concen: 2.93 ng

RT: 10.81 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Instrument :

BNA_F

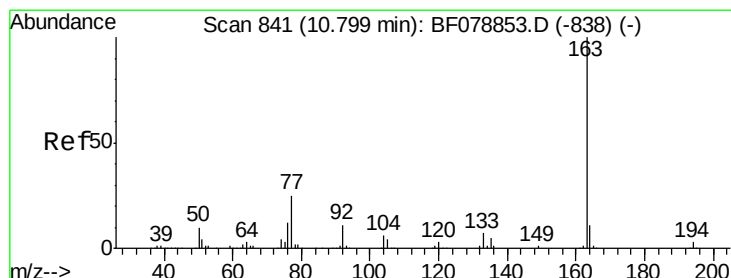
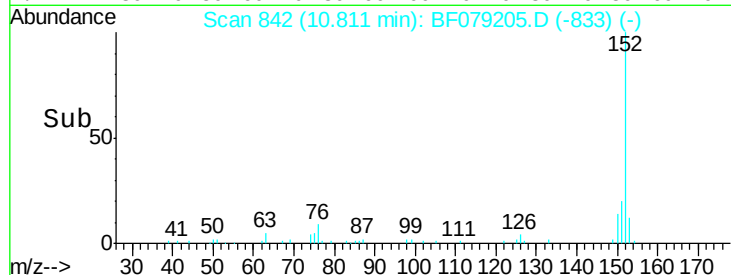
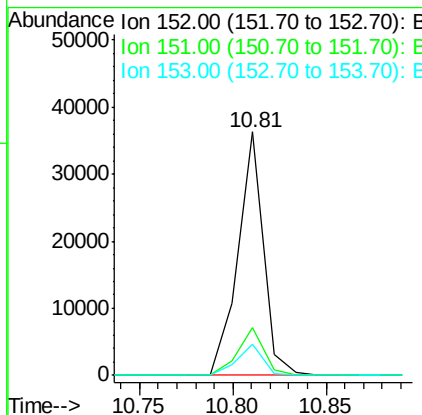
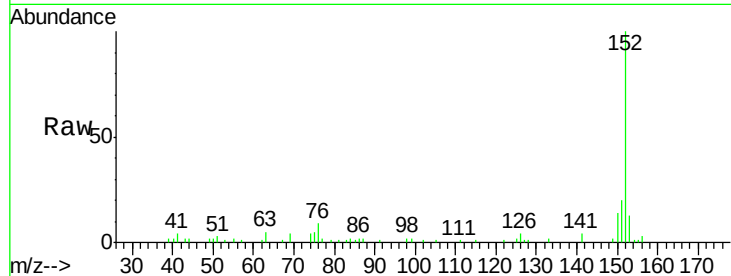
ClientSampleId :

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Tot Ion:	152	Resp:	34624
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.4
153	13.0	10.9	16.3

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#49

Dimethylphthalate

Concen: 4.09 ng

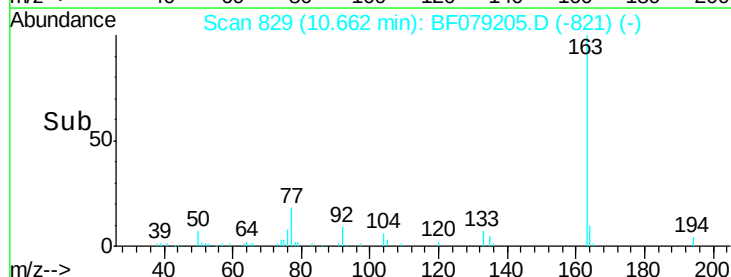
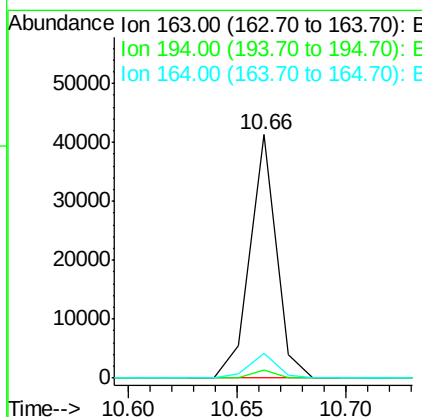
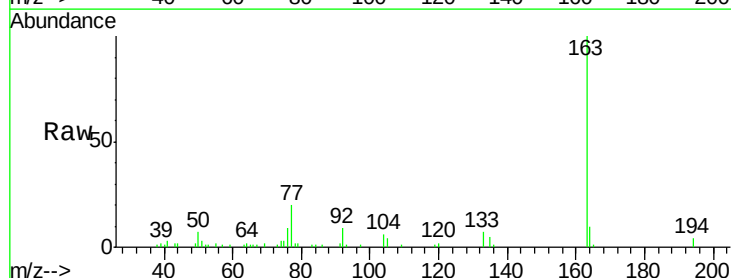
RT: 10.66 min Scan# 829

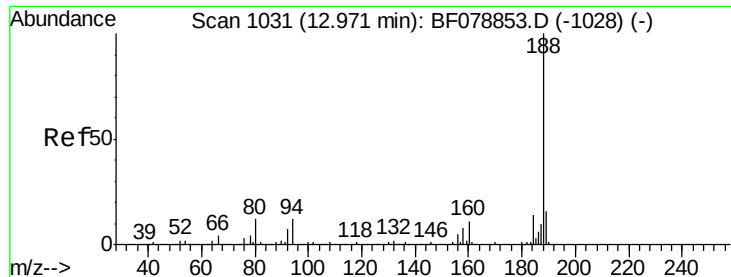
Delta R.T. -0.01 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Tgt Ion:	163	Resp:	34792
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.4	8.1	12.1





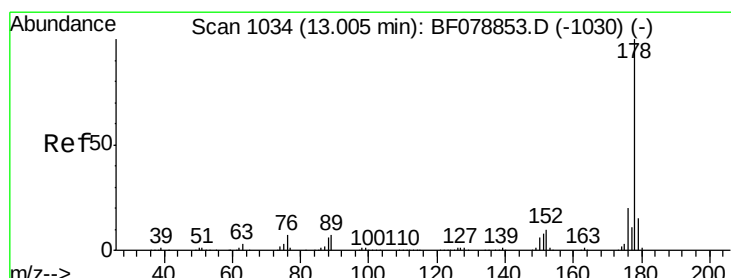
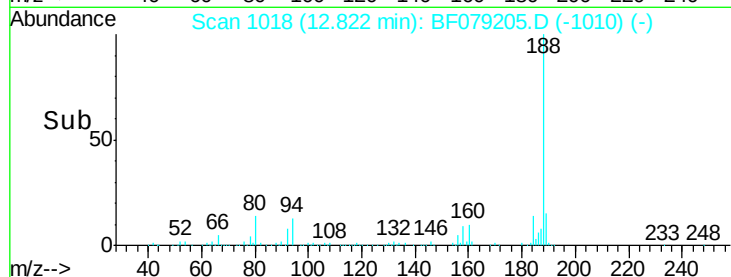
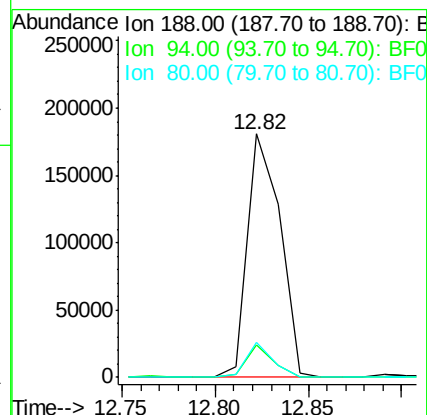
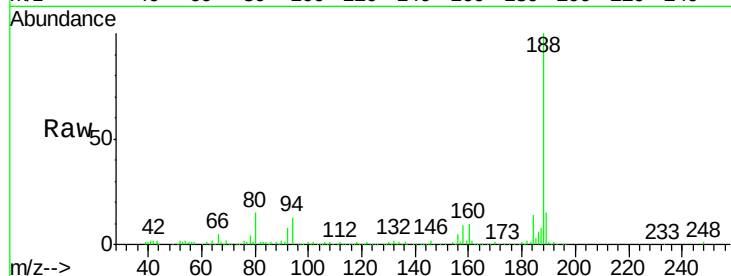
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079205.D
Acq: 13 May 2015 20:43

Instrument :
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Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.5	8.2	12.2#
80	14.6	8.9	13.3#

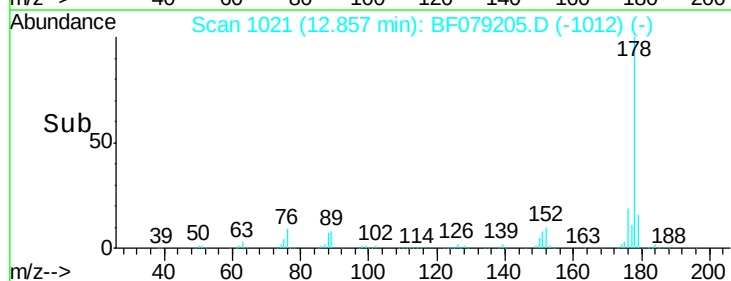
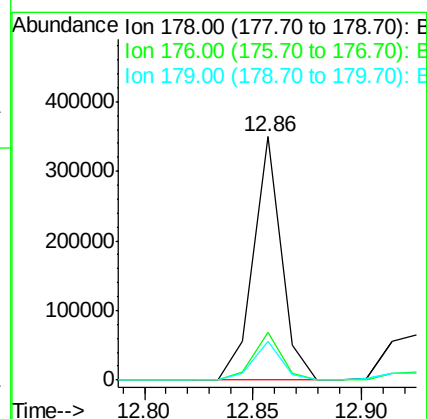
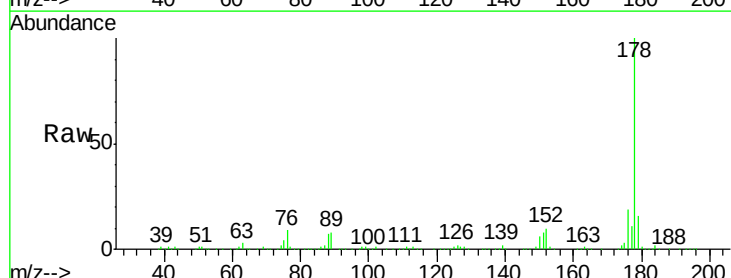
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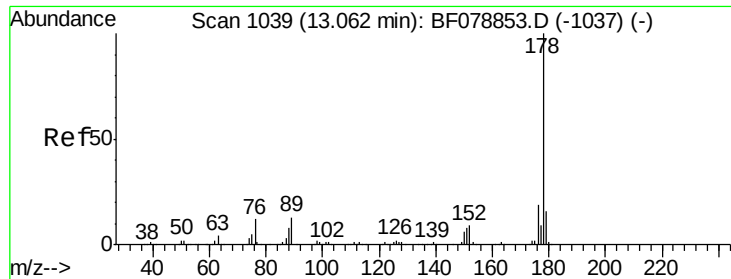
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#70
Phenanthrene
Concen: 25.58 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF079205.D
Acq: 13 May 2015 20:43

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.8	12.5	18.7





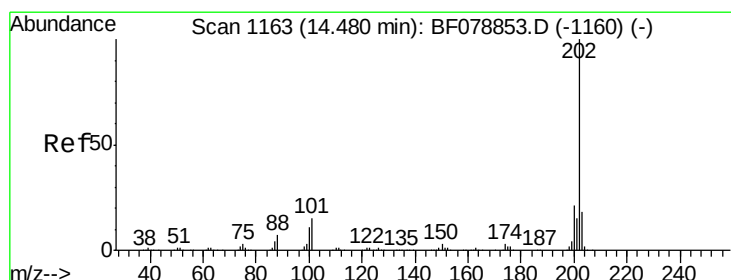
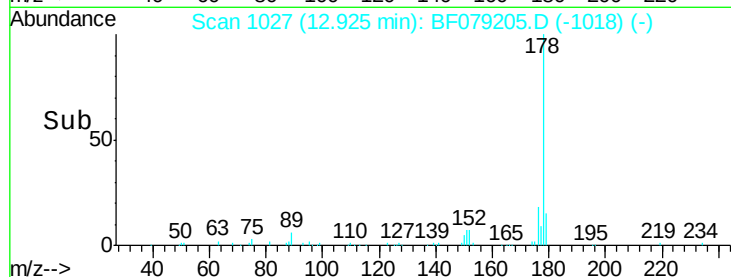
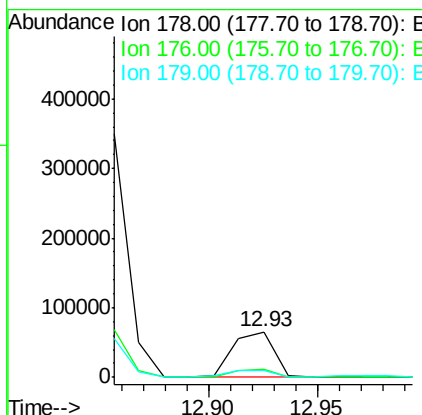
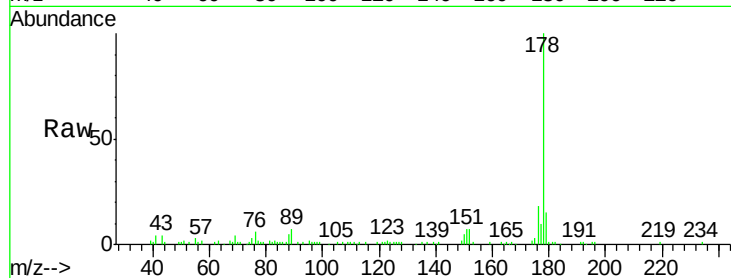
#71
 Anthracene
 Concen: 6.98 ng
 RT: 12.93 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF079205.D
 Acq: 13 May 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-40S

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.5	23.3
179	15.4	12.7	19.1

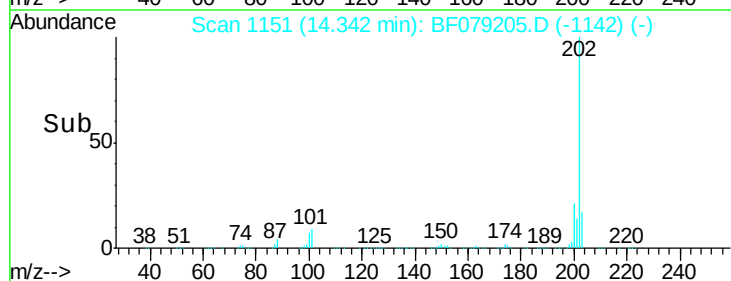
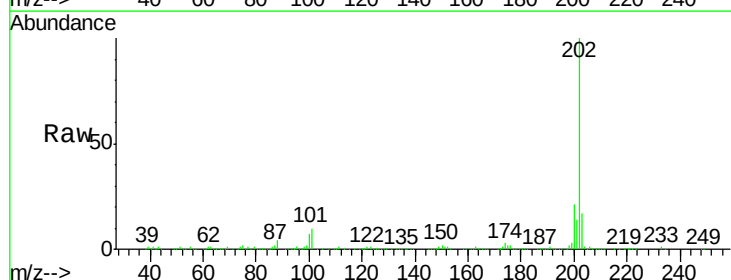
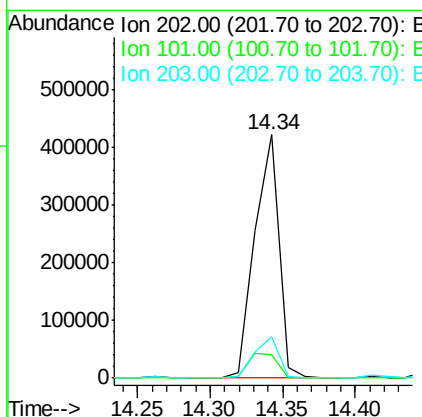
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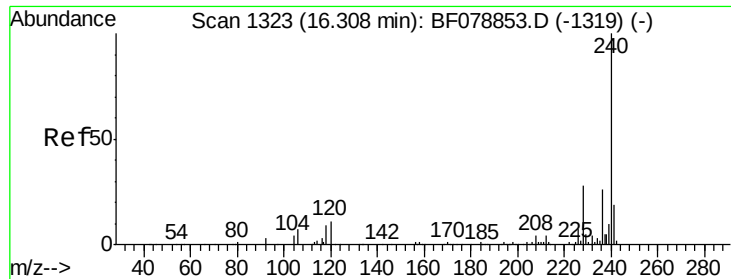
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#74
 Fluoranthene
 Concen: 37.67 ng
 RT: 14.34 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF079205.D
 Acq: 13 May 2015 20:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.6
203	17.0	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.16 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Instrument :

BNA_F

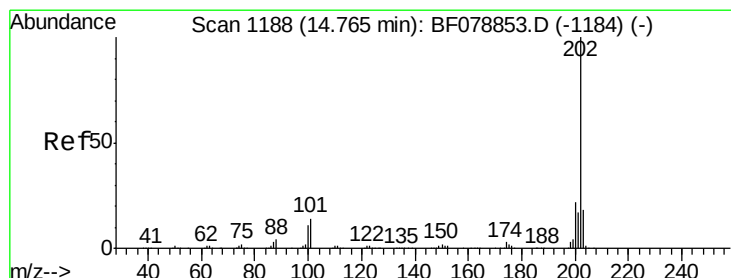
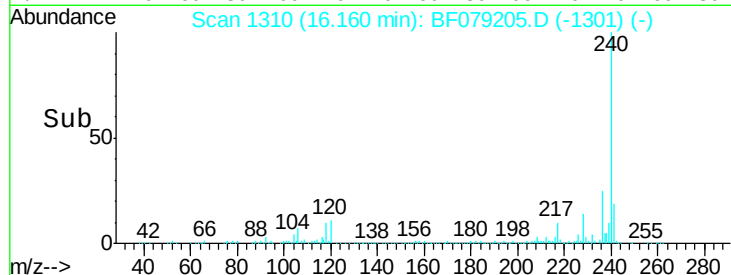
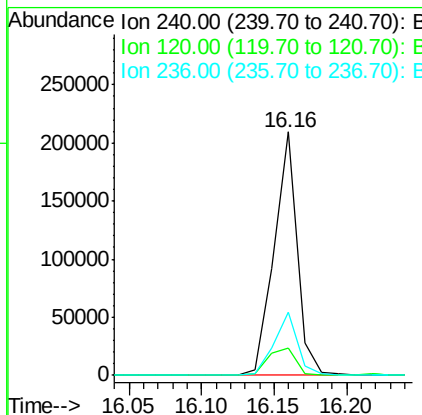
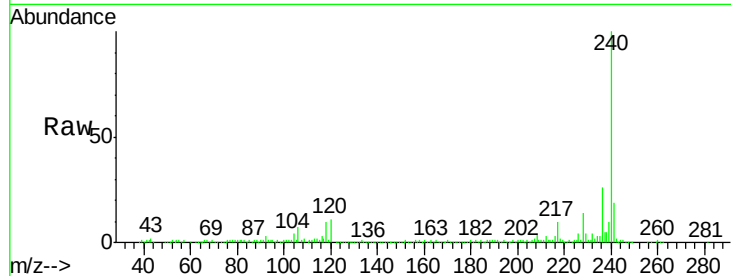
ClientSampled :

SB-40S

Tot Ion:	240	Resp:	232032
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.7	14.5
236	25.8	20.2	30.4

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#77

Pyrene

Concen: 32.80 ng

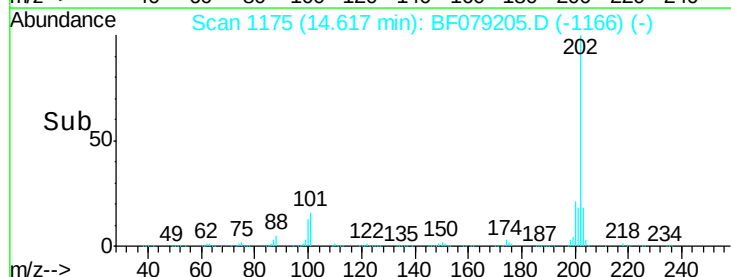
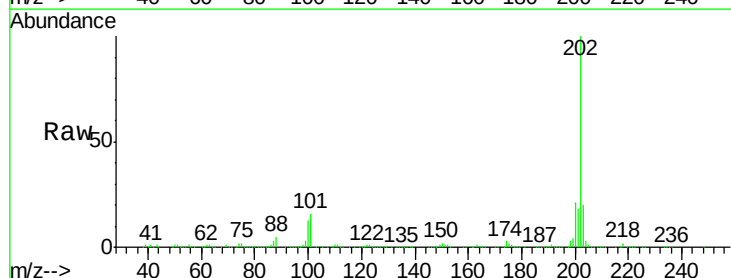
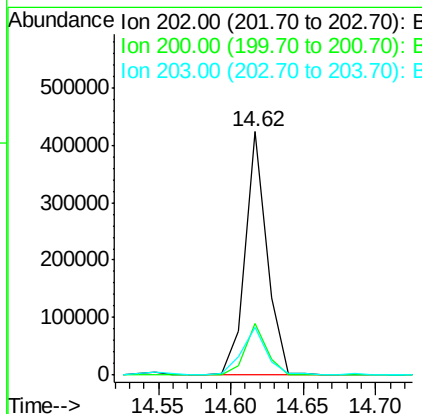
RT: 14.62 min Scan# 1175

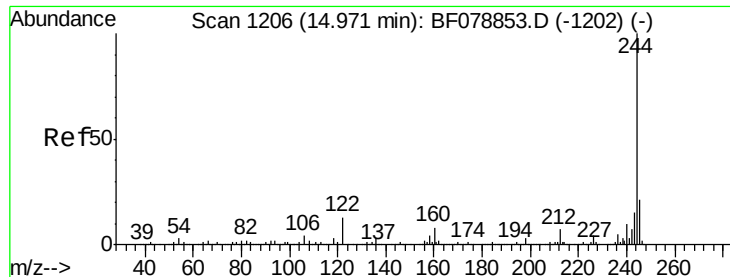
Delta R.T. 0.00 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Tgt Ion:	202	Resp:	438538
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.5	26.3
203	19.8	13.9	20.9





#78

Terphenyl-d14

Concen: 63.69 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Instrument :

BNA_F

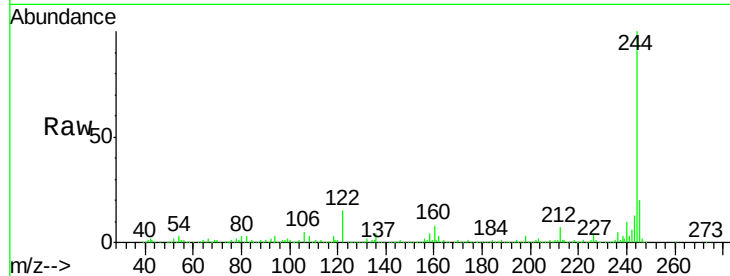
ClientSampleId :

SB-40S

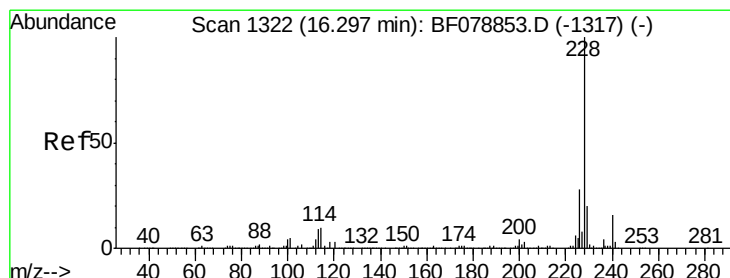
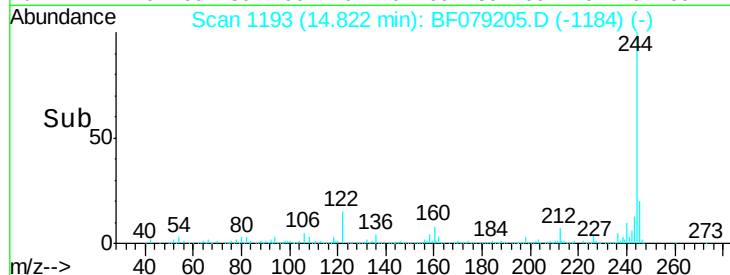
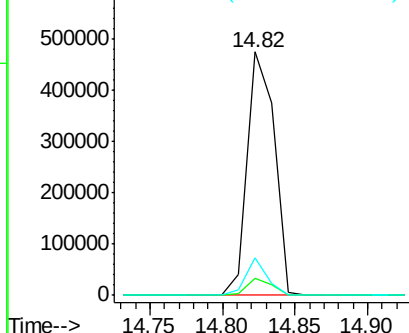
Tot Ion:	244	Resp:	617308
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.6	8.4
122	15.4	10.3	15.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 20.12 ng m

RT: 16.15 min Scan# 1309

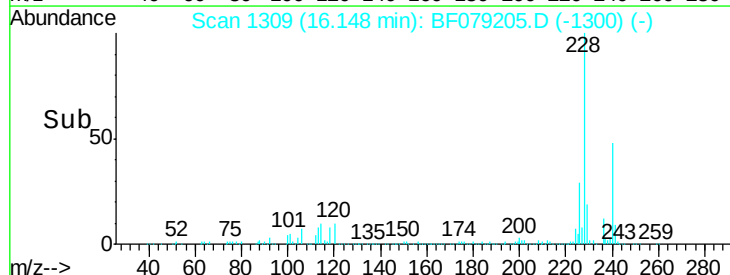
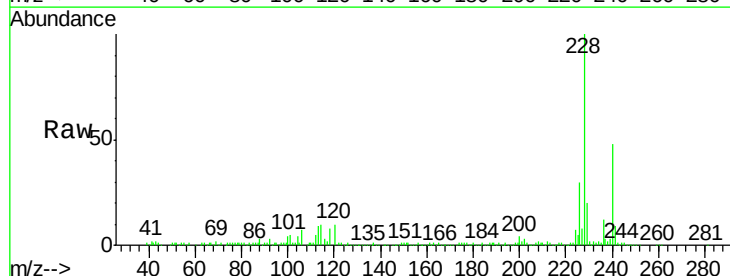
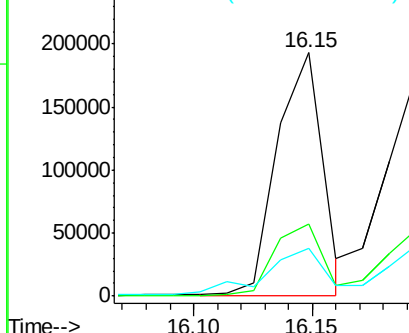
Delta R.T. 0.00 min

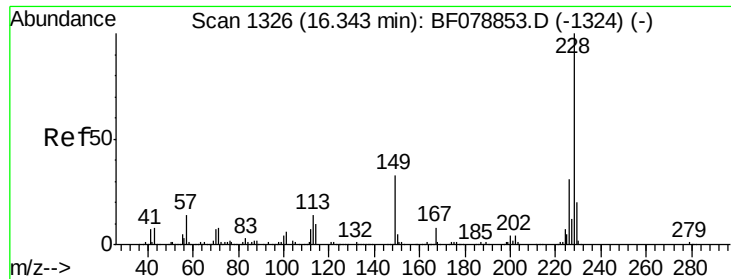
Lab File: BF079205.D

Acq: 13 May 2015 20:43

Tgt Ion:	228	Resp:	255677
Ion Ratio	Lower	Upper	
228	100		
226	29.5	22.6	33.8
229	19.7	15.9	23.9

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 19.54 ng/mL

RT: 16.19 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Instrument:

BNA_F

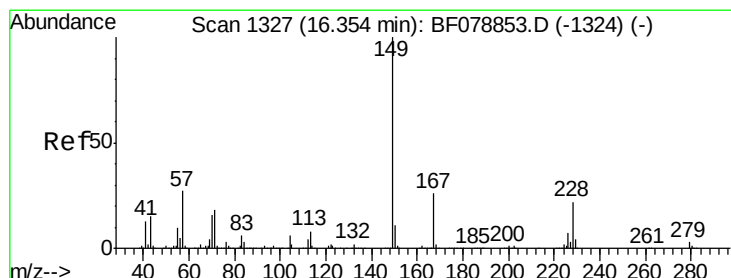
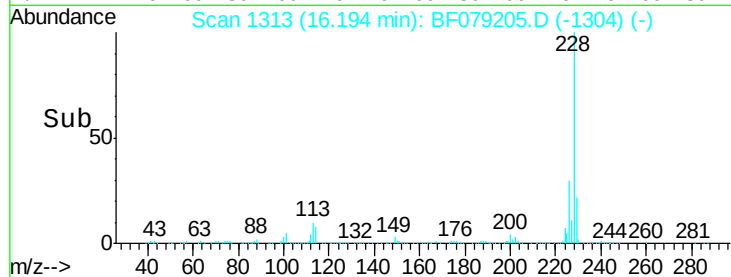
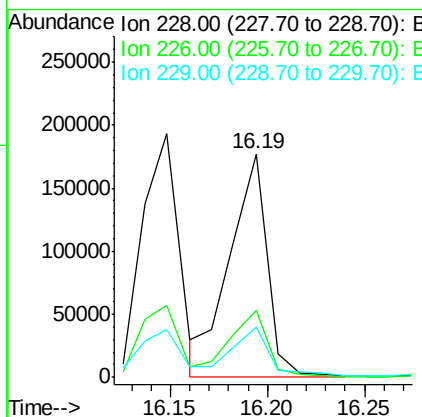
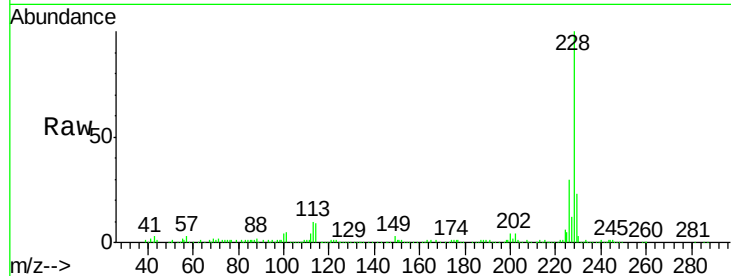
ClientSampled:

SB-40S

Tot Ion:	228	Resp:	238847
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	22.6	16.0	24.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.40 ng/mL

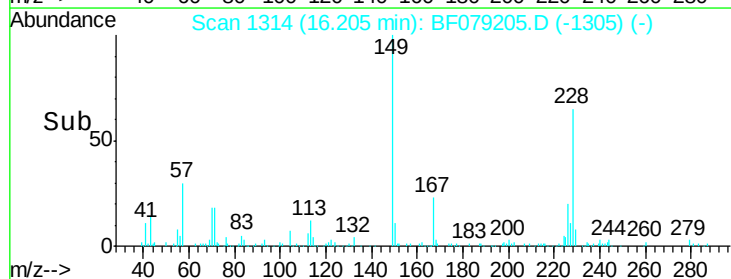
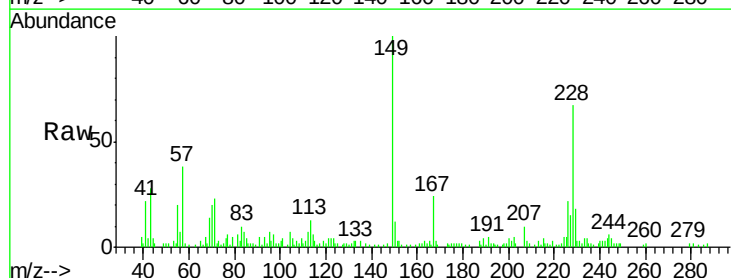
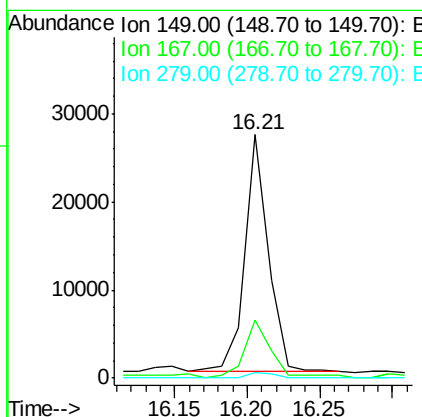
RT: 16.21 min Scan# 1314

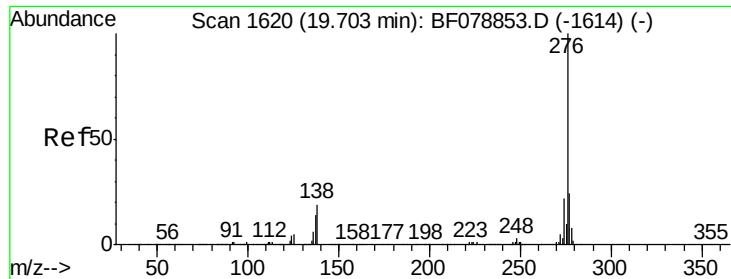
Delta R.T. 0.00 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Tgt Ion:	149	Resp:	30085
Ion Ratio	Lower	Upper	
149	100		
167	23.9	21.8	32.8
279	2.4	2.9	4.3#





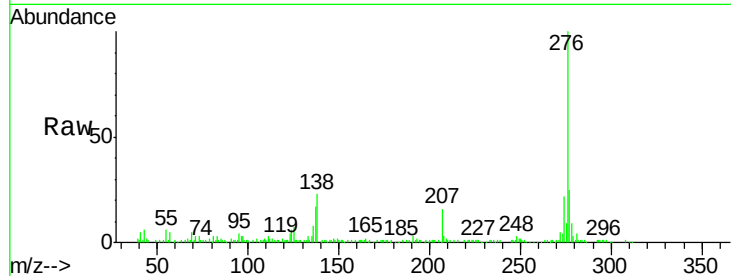
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.82 ng
RT: 19.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF079205.D
Acq: 13 May 2015 20:43

Instrument :
BNA_F
ClientSampled :
SB-40S

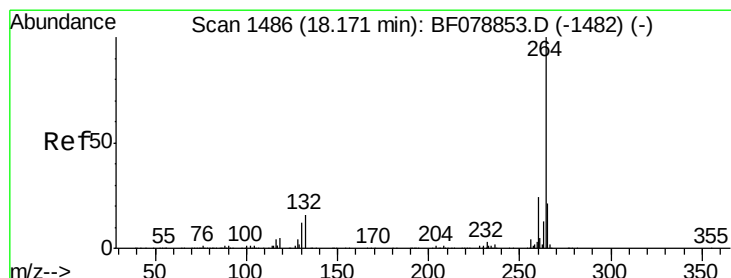
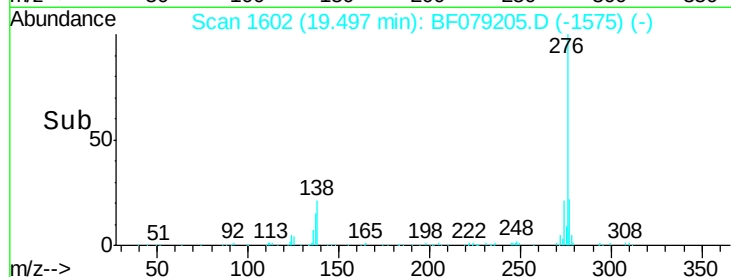
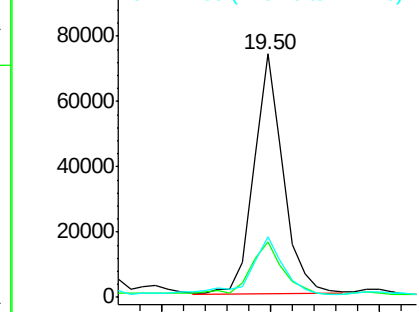
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	25.1	0.0	0.0#
277	28.1	0.0	0.0#

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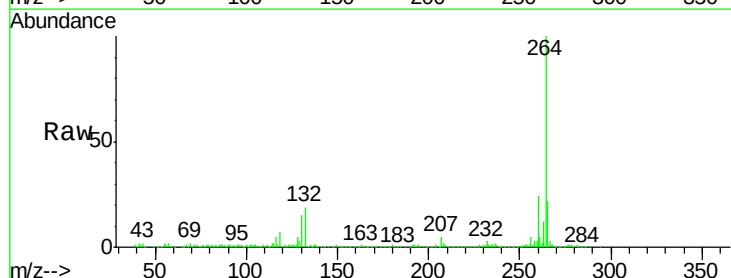


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

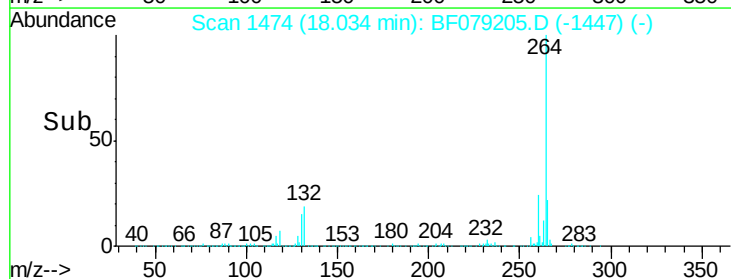
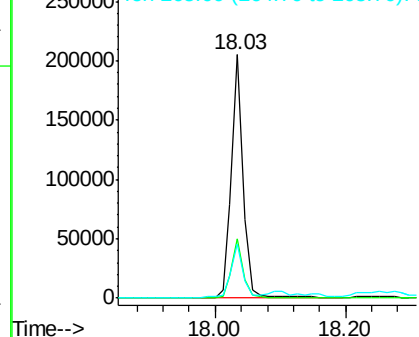


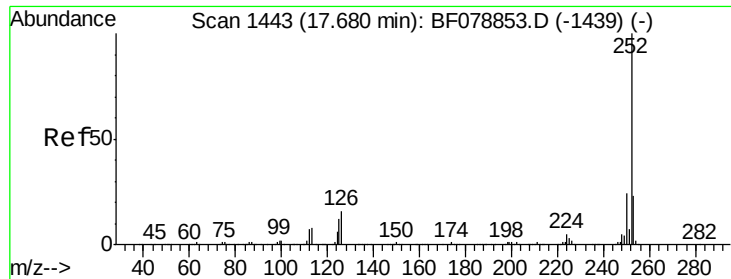
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.03 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF079205.D
Acq: 13 May 2015 20:43

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.2	18.3	27.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 21.08 ng m

RT: 17.54 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Instrument :

BNA_F

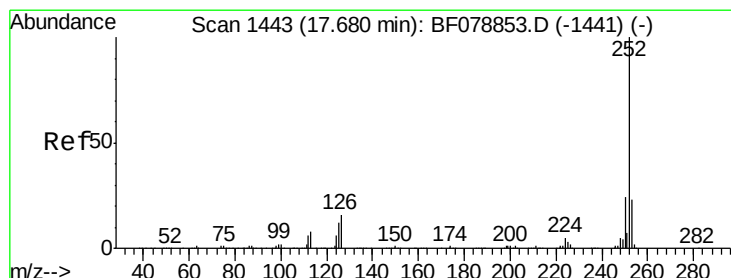
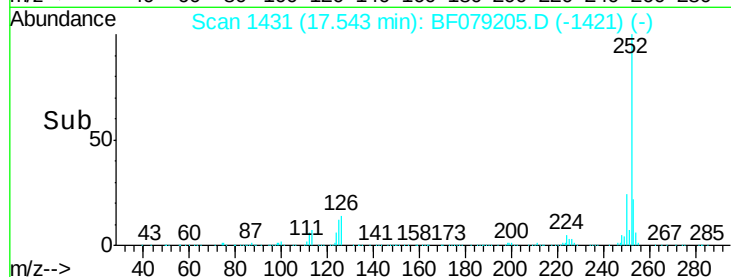
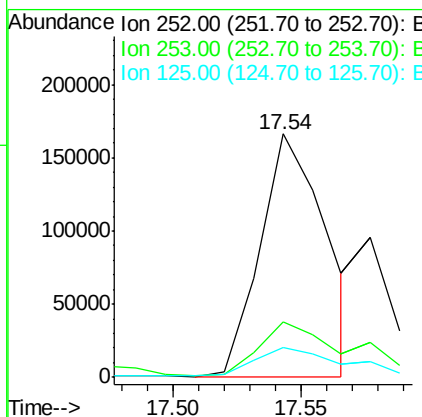
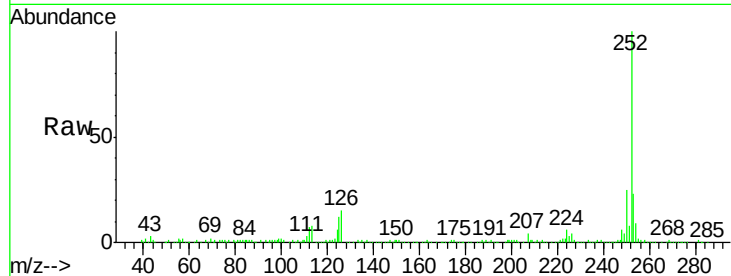
ClientSampled :

SB-40S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	12.3	9.5	14.3

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#88

Benzo(k)fluoranthene

Concen: 6.66 ng m

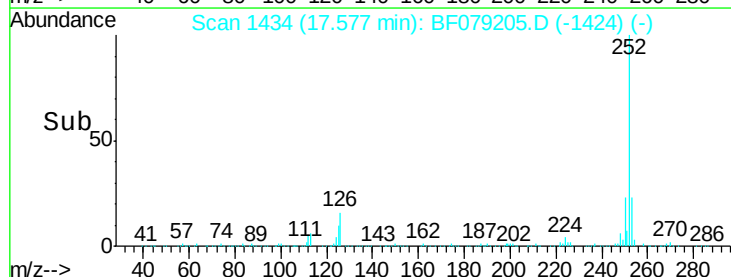
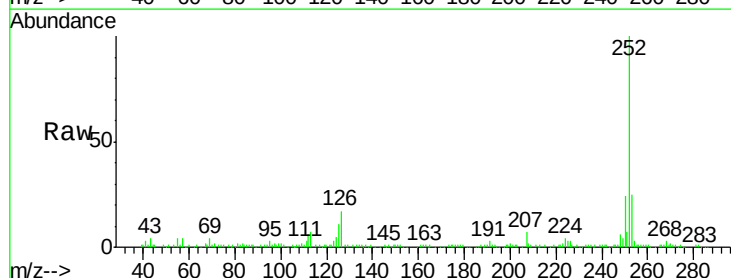
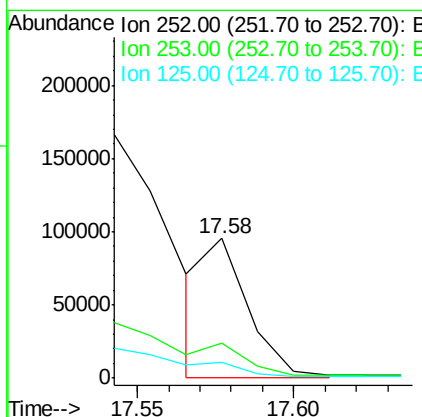
RT: 17.58 min Scan# 1434

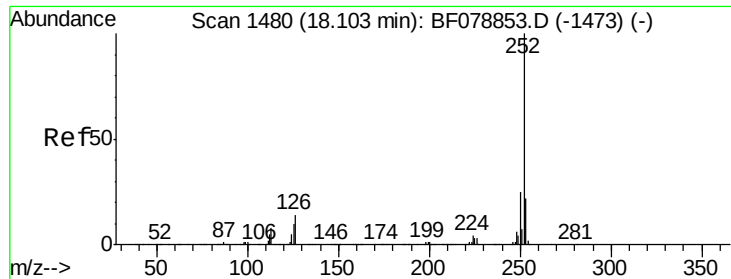
Delta R.T. 0.01 min

Lab File: BF079205.D

Acq: 13 May 2015 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	10.9	10.0	15.0





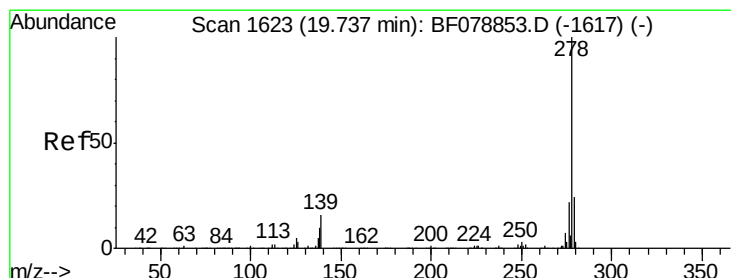
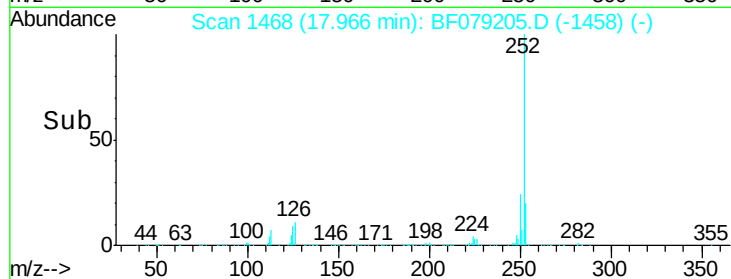
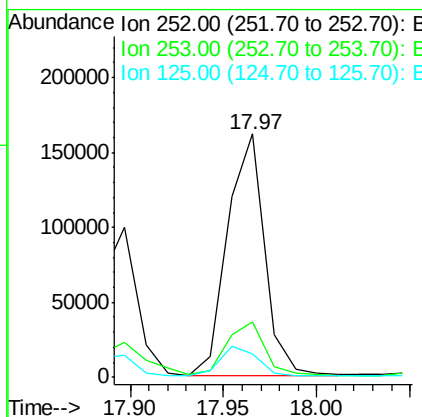
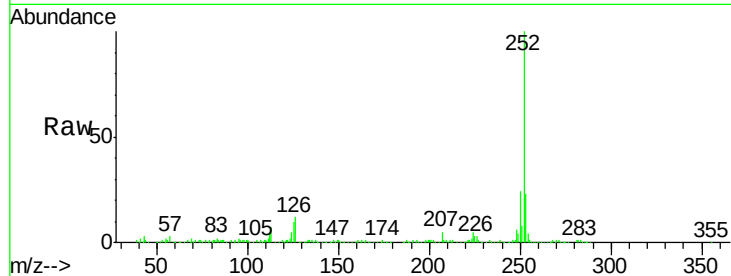
#89
Benzo(a)pyrene
Concen: 17.00 ng
RT: 17.97 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF079205.D
Acq: 13 May 2015 20:43

Instrument :
BNA_F
ClientSampled :
SB-40S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	9.8	7.0	10.6

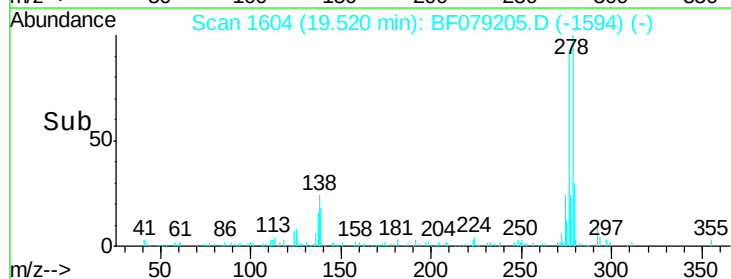
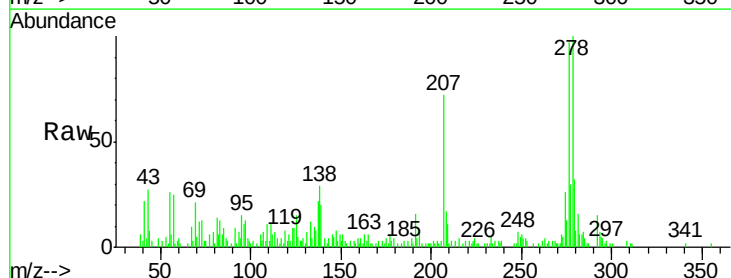
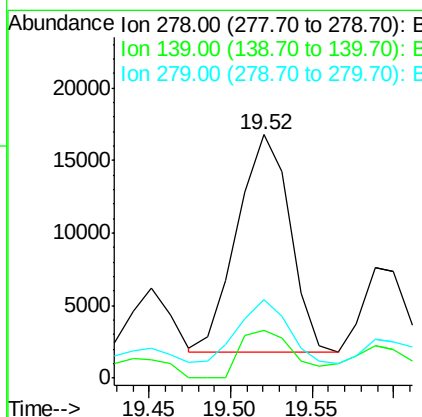
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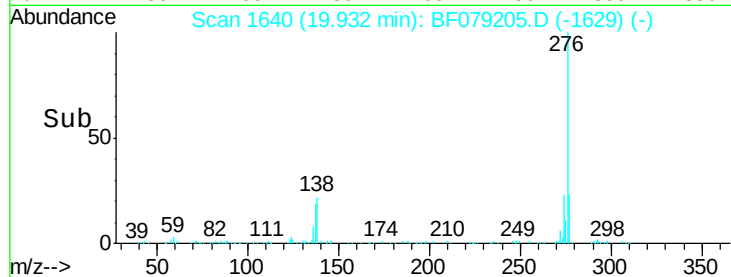
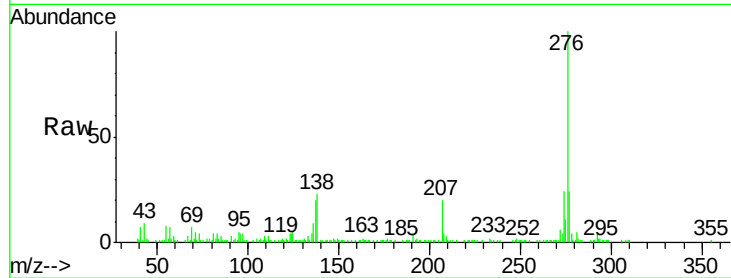
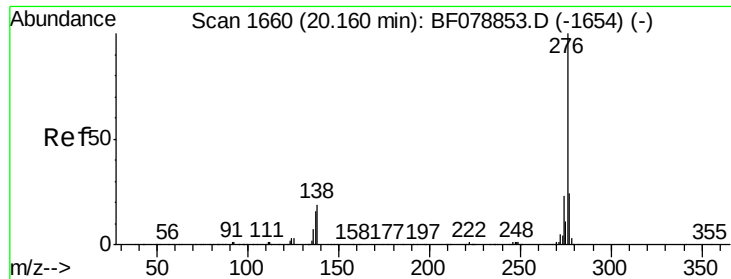
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#90
Dibenzo(a,h)anthracene
Concen: 2.42 ng
RT: 19.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BF079205.D
Acq: 13 May 2015 20:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	12.8	19.2#
279	32.4	19.6	29.4#





#91
 Benzo(a,h,i)perylene
 Concen: 9.14 ng
 RT: 19.93 min Scan# 1640
 Delta R.T. 0.02 min
 Lab File: BF079205.D
 Acq: 13 May 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-40S

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	23.4	17.4	26.0

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