

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078635.D
 Acq On : 18 Apr 2015 10:27
 Operator : TP/IZ
 Sample : G1854-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB05B

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Quant Time: Apr 20 01:40:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:04:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	40453	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	169316	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	93237	20.00	ng	0.00
63) Phenanthrene-d10	12.23	188	199935	20.00	ng	0.01
75) Chrysene-d12	15.47	240	215960	20.00	ng	0.01
86) Perylene-d12	17.18	264	226909	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	182128	74.23	ng	0.00
7) Phenol-d6	6.28	99	243600	79.22	ng	0.00
23) Nitrobenzene-d5	7.38	82	160992	57.63	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	64381	83.26	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	246447	37.78	ng	0.00
78) Terphenyl-d14	14.22	244	341362	35.72	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.27	128	20499	2.33	ng	96
49) Dimethylphthalate	10.11	163	33952	4.85	ng	99
57) Fluorene	11.08	166	14089	2.09	ng	99
70) Phenanthrene	12.25	178	279721	24.19	ng	100
71) Anthracene	12.32	178	78754	6.91	ng	99
72) Carbazole	12.54	167	28520	2.67	ng	99
74) Fluoranthene	13.71	202	515520	42.27	ng	94
77) Pyrene	13.99	202	449052	33.12	ng	98
80) Benzo(a)anthracene	15.46	228	392579	30.55	ng	98
82) Chrysene	15.51	228	275198	22.80	ng	97
85) Indeno(1,2,3-cd)pyrene	18.38	276	265532	19.38	ng	# 85
87) Benzo(b)fluoranthene	16.75	252	507826m	36.21	ng	
88) Benzo(k)fluoranthene	16.78	252	155819m	12.50	ng	
89) Benzo(a)pyrene	17.12	252	404237	33.03	ng	94
90) Dibenzo(a,h)anthracene	18.39	278	62952m	5.14	ng	
91) Benzo(g,h,i)perylene	18.71	276	242707	19.76	ng	# 95

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

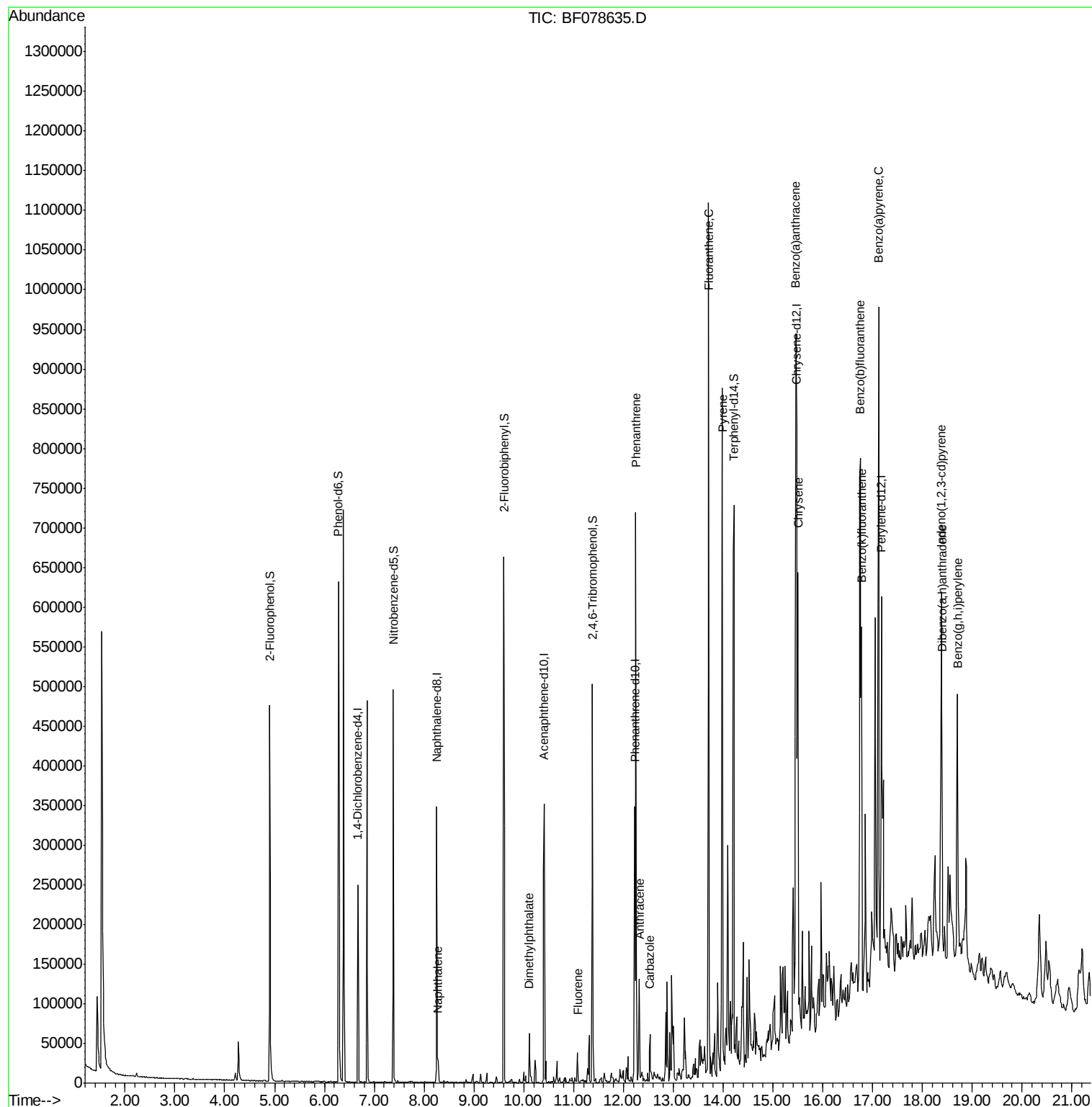
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
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Acq On : 18 Apr 2015 10:27
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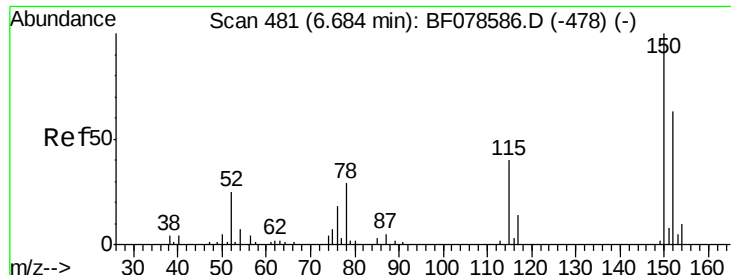
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Quant Time: Apr 20 01:40:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
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#1

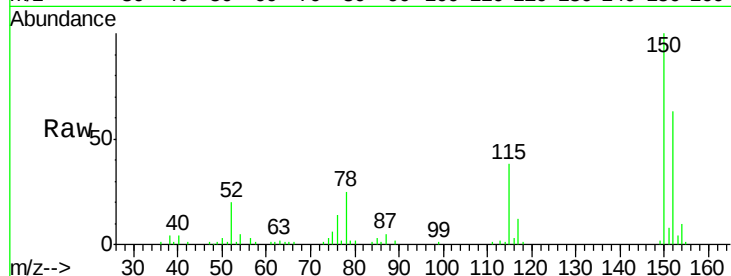
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Instrument :
BNA_F
ClientSampleId :
LS-SB05B

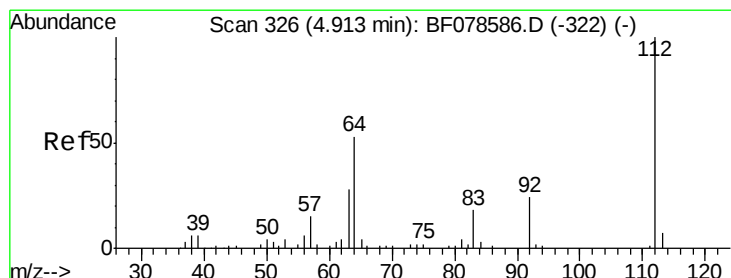
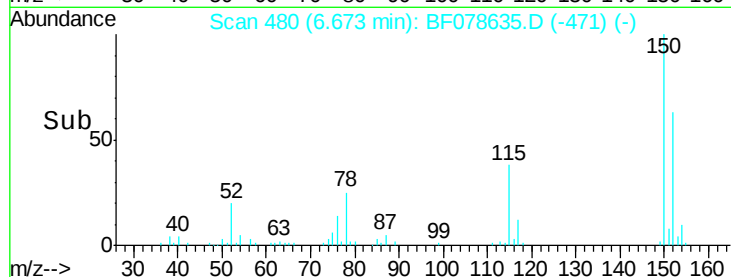
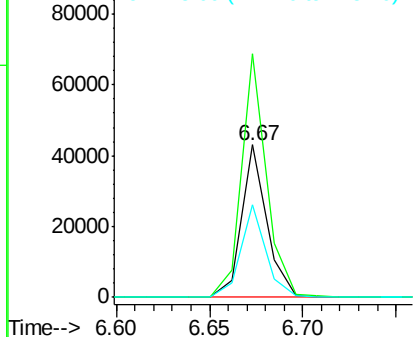
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.9	188.9
115	61.0	52.7	79.1

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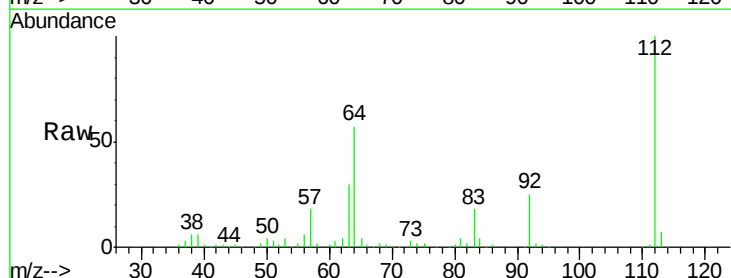
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



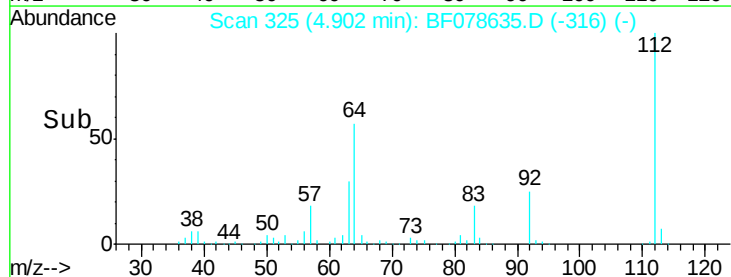
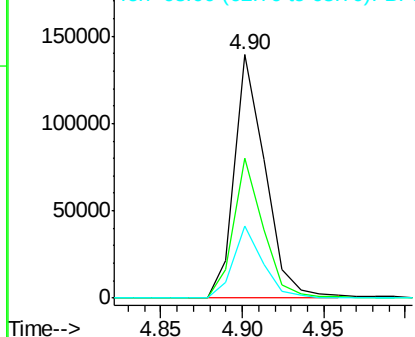
#5

2-Fluorophenol
Concen: 74.23 ng
RT: 4.90 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	39.9	59.9
63	29.8	20.2	30.4



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: 79.22 ng

RT: 6.28 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Instrument :

BNA_F

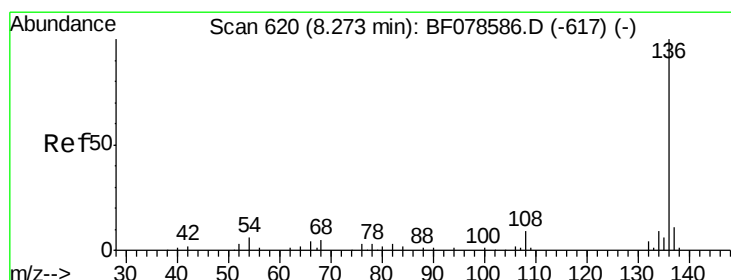
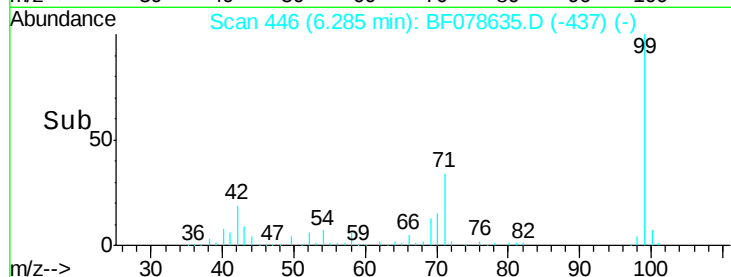
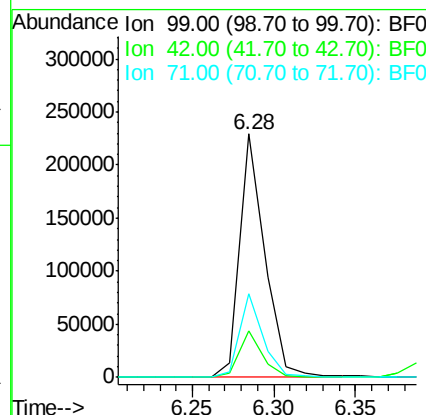
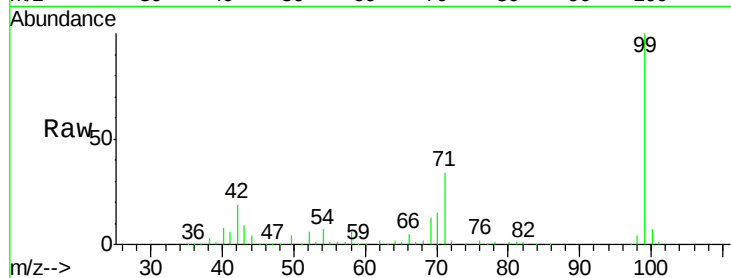
ClientSampleId :

LS-SB05B

Tot Ion:	99	Resp:	243600
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.8	22.2
71	34.1	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

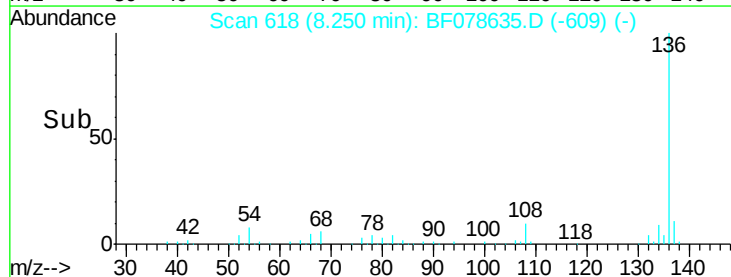
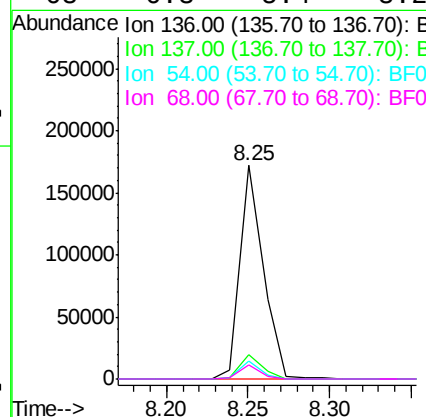
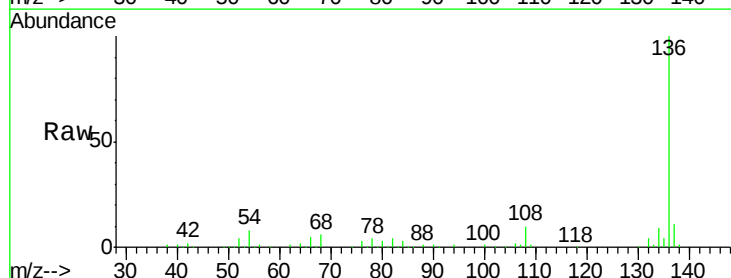
RT: 8.25 min Scan# 618

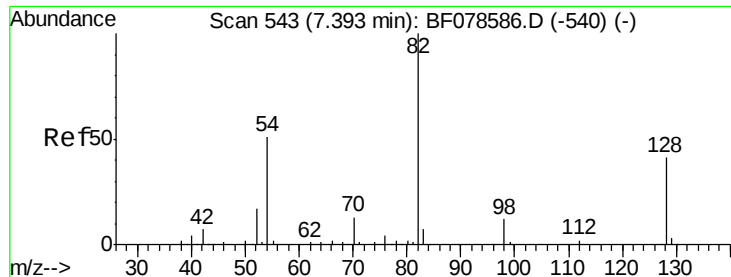
Delta R.T. 0.00 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Tgt Ion:	136	Resp:	169316
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	8.2	7.0	10.6
68	6.3	5.4	8.2





#23

Nitrobenzene-d5

Concen: 57.63 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Instrument :

BNA_F

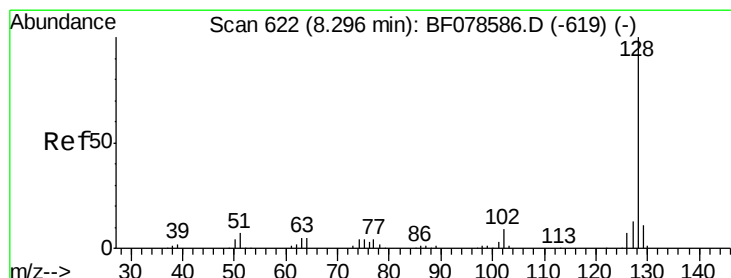
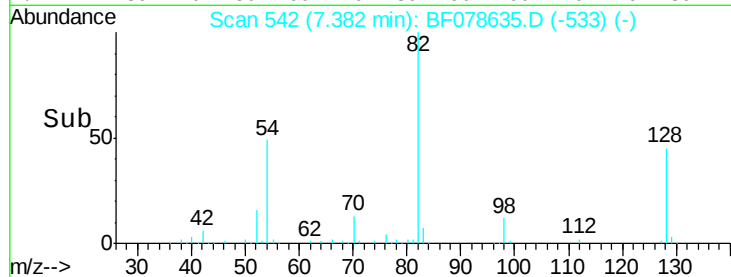
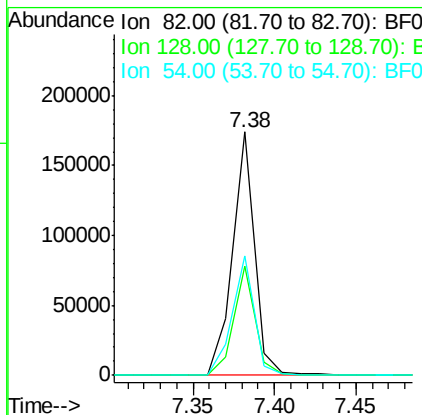
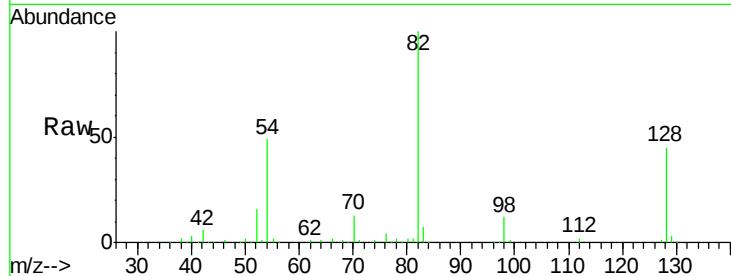
ClientSampleId :

LS-SB05B

Tot Ion:	82	Resp:	160992
Ion Ratio	Lower	Upper	
82	100		
128	45.1	31.8	47.8
54	49.1	41.5	62.3

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#31

Naphthalene

Concen: 2.33 ng

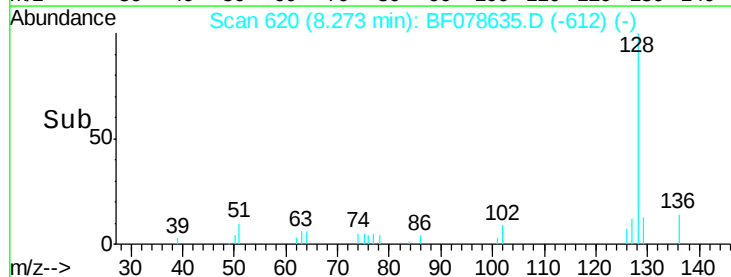
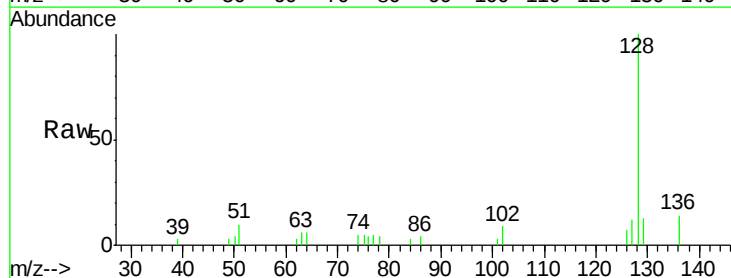
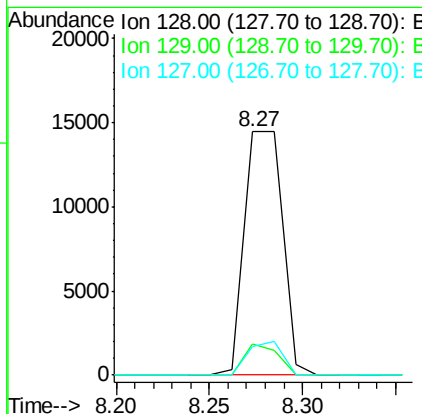
RT: 8.27 min Scan# 620

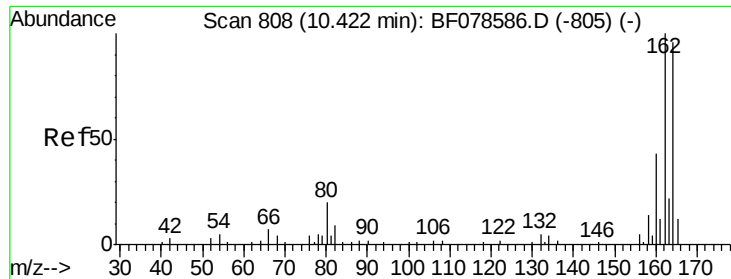
Delta R.T. -0.01 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Tgt Ion:	128	Resp:	20499
Ion Ratio	Lower	Upper	
128	100		
129	12.6	8.6	12.8
127	11.9	10.7	16.1





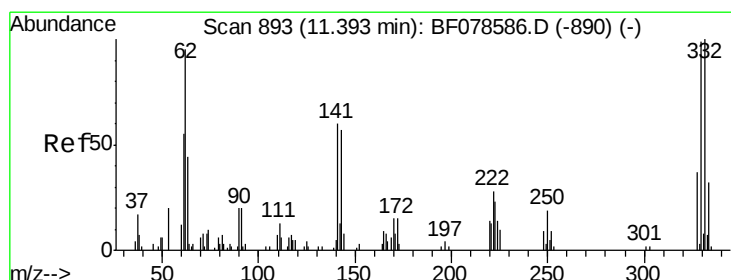
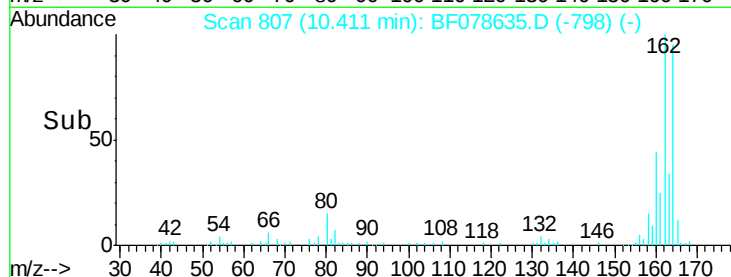
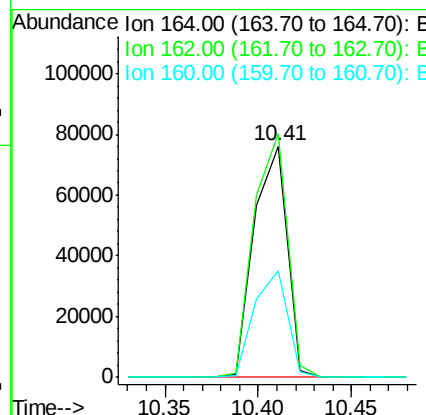
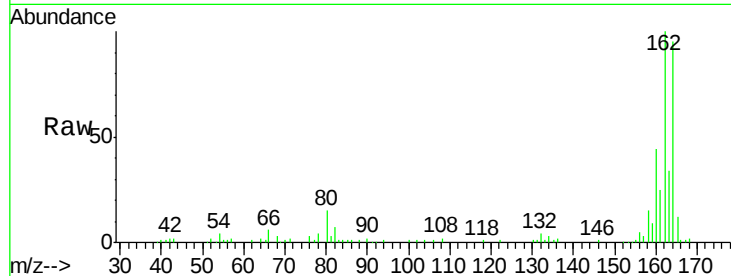
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Instrument :
BNA_F
ClientSampleId :
LS-SB05B

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.2	123.2
160	46.2	34.7	52.1

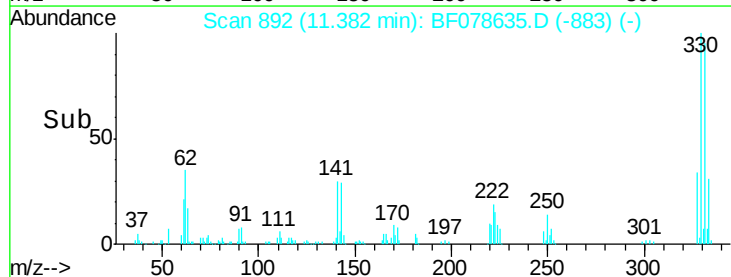
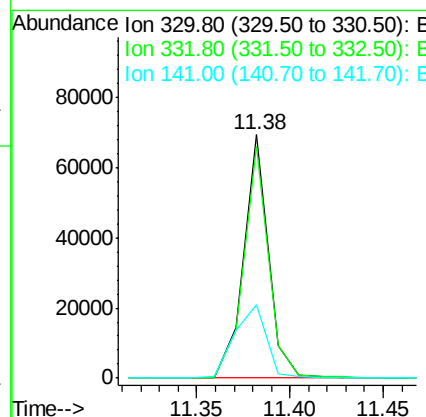
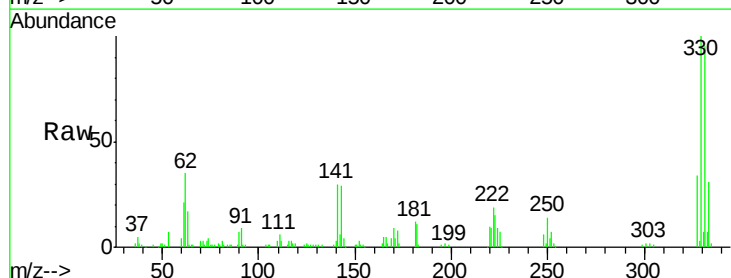
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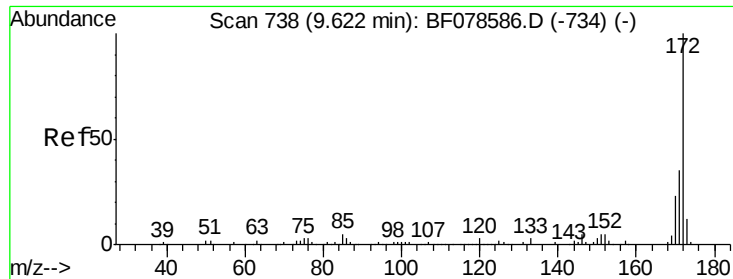
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#41
2,4,6-Tribromophenol
Concen: 83.26 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	38.9	31.2	46.8





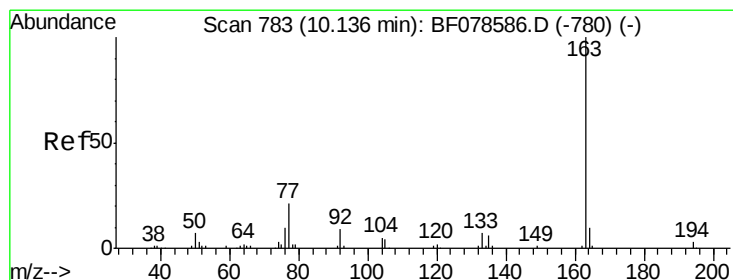
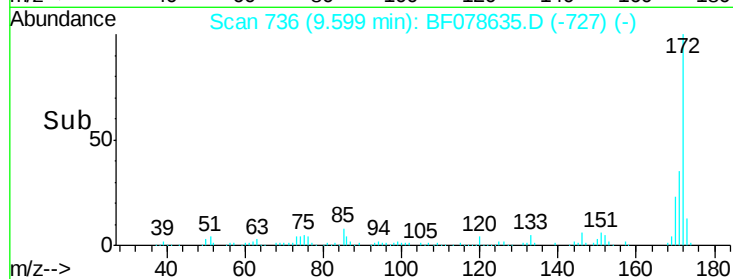
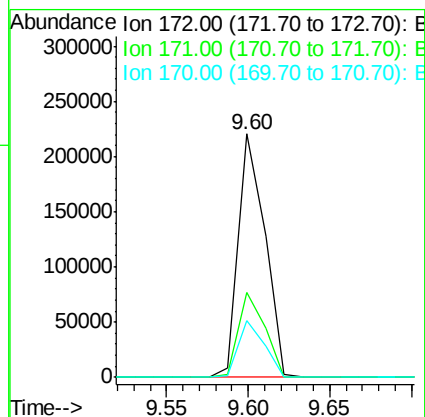
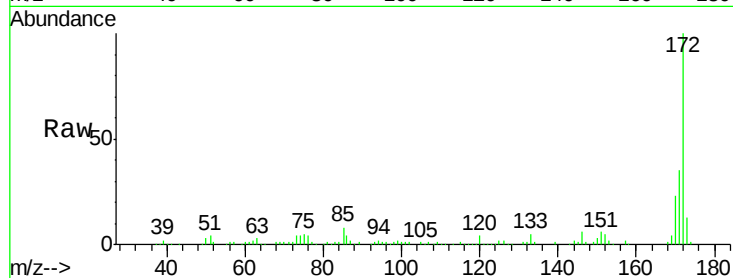
#44
2-Fluorobiphenyl
Concen: 37.78 ng
RT: 9.60 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Instrument :
BNA_F
ClientSampleId :
LS-SB05B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	246447		
171	34.9		28.6	42.8
170	23.3		18.5	27.7

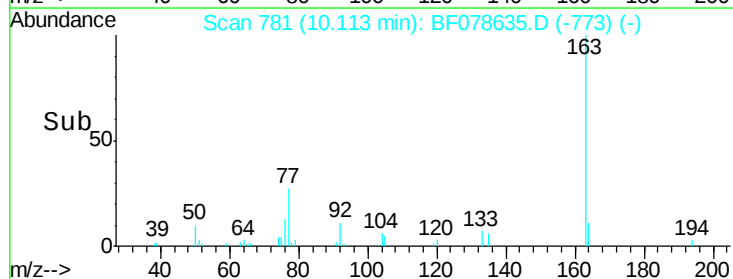
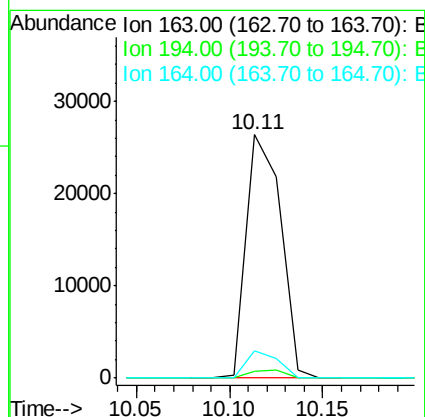
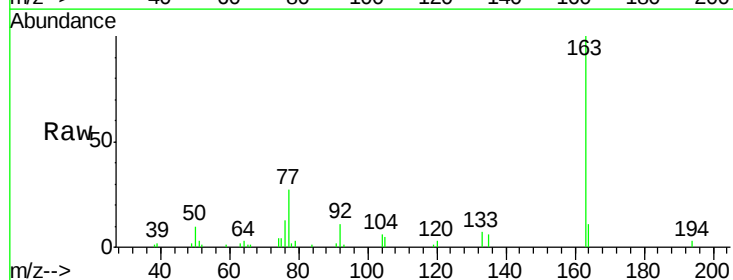
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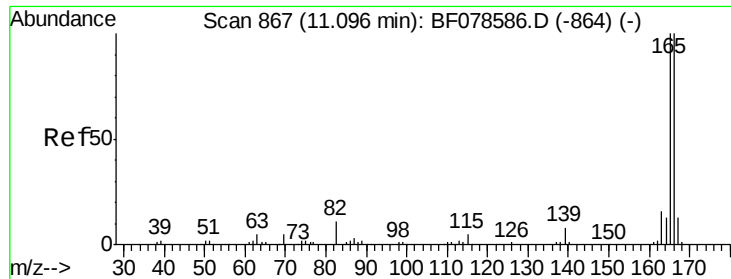
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#49
Dimethylphthalate
Concen: 4.85 ng
RT: 10.11 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	33952		
194	2.6		2.3	3.5
164	11.2		8.6	13.0





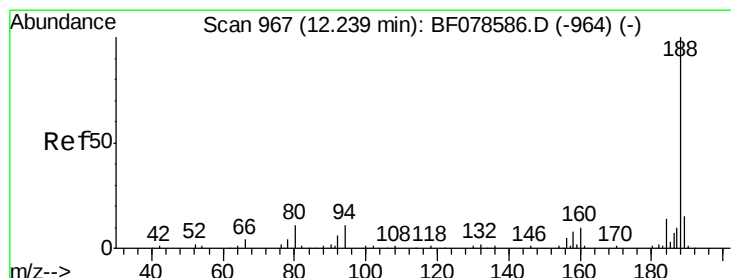
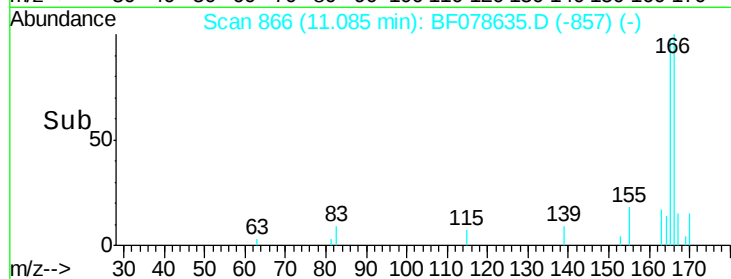
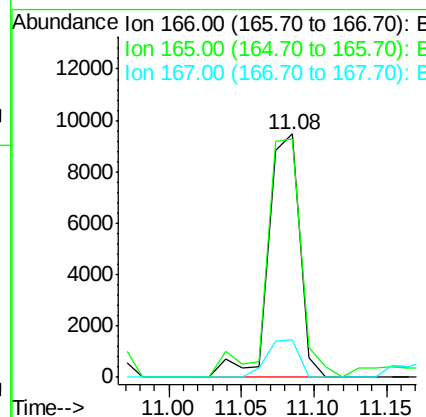
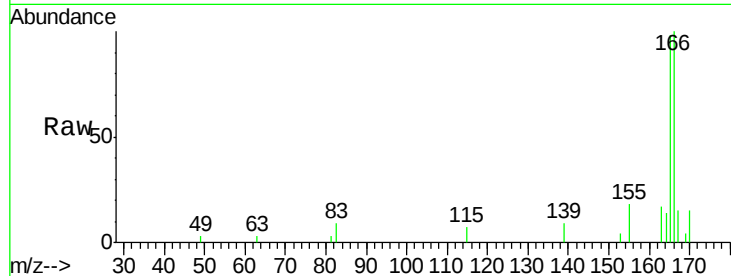
#57
Fluorene
 Concen: 2.09 ng
 RT: 11.08 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078635.D
 Acq: 18 Apr 2015 10:27

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB05B

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.9	118.3
167	15.3	10.7	16.1

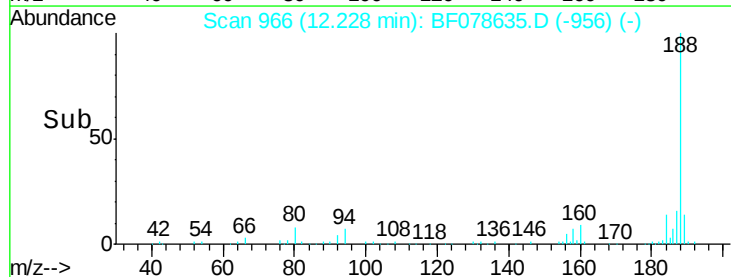
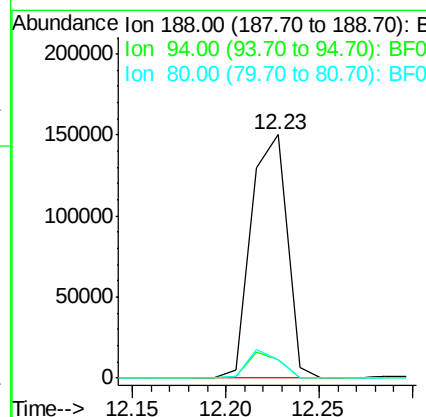
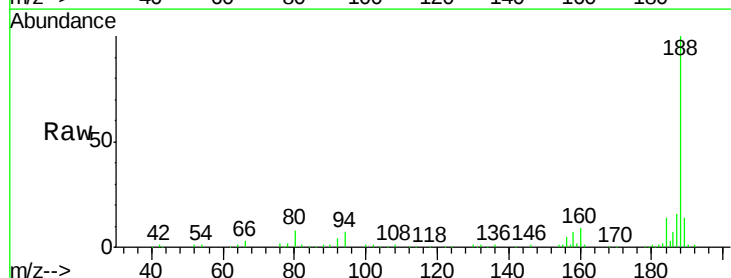
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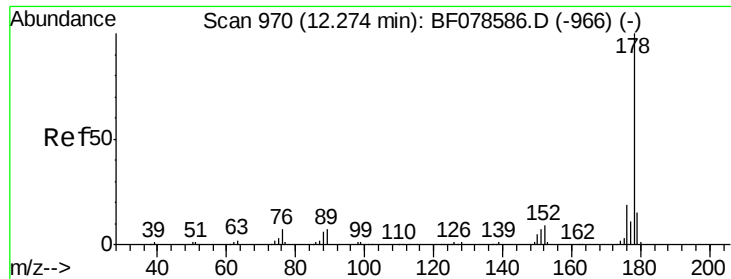
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF078635.D
 Acq: 18 Apr 2015 10:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	9.0	13.4#
80	7.5	9.5	14.3#





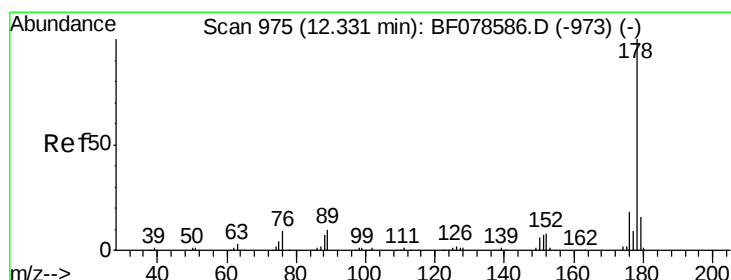
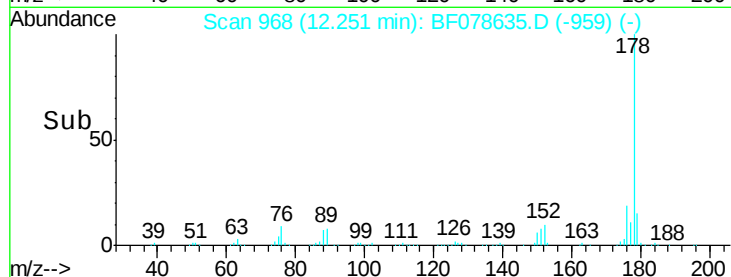
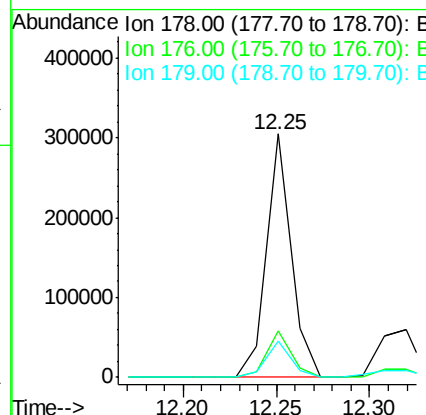
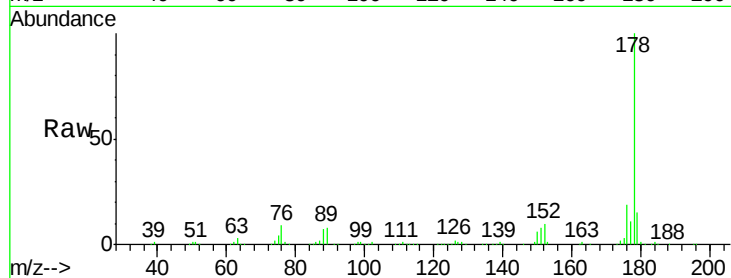
#70
Phenanthrene
Concen: 24.19 ng
RT: 12.25 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Instrument :
BNA_F
ClientSampleId :
LS-SB05B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.1	12.2	18.2

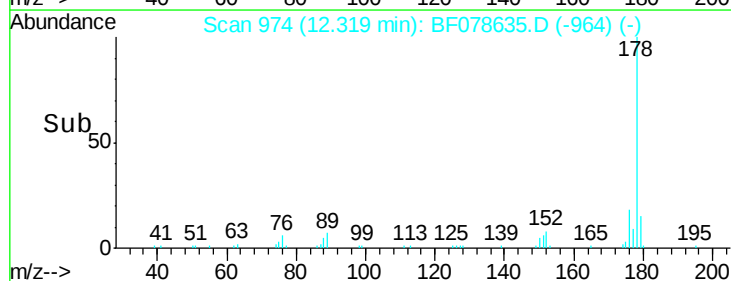
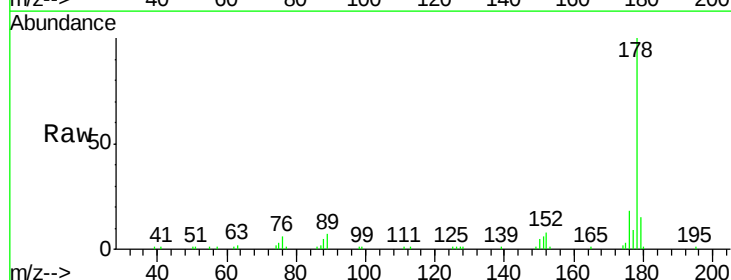
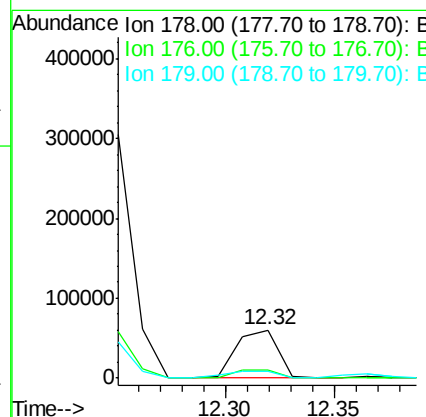
Manual Integrations
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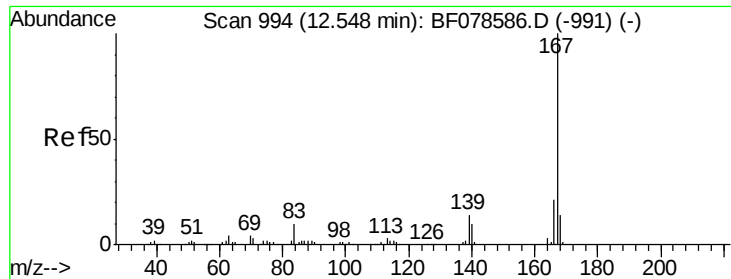
apatel
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#71
Anthracene
Concen: 6.91 ng
RT: 12.32 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.8	22.2
179	15.2	12.4	18.6





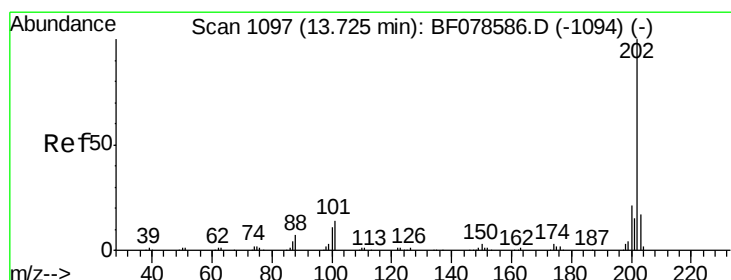
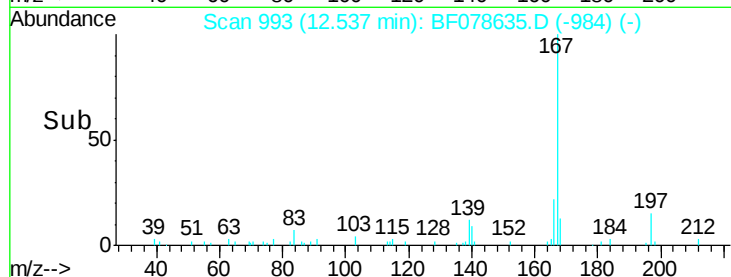
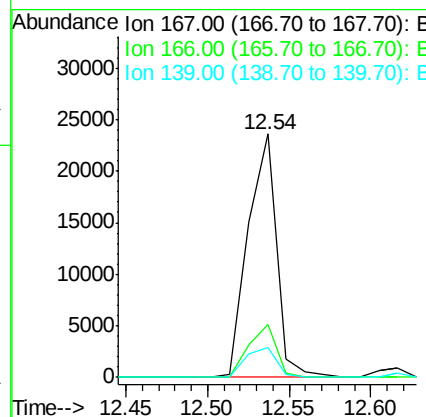
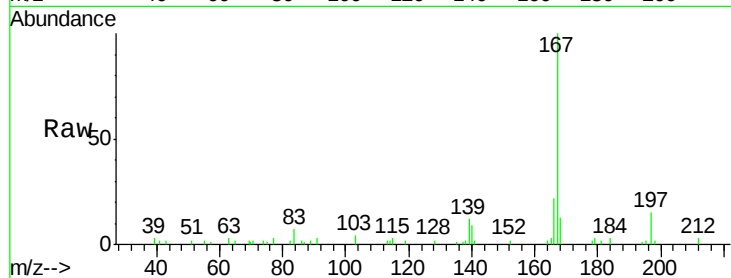
#72
 Carbazole
 Concen: 2.67 ng
 RT: 12.54 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF078635.D
 Acq: 18 Apr 2015 10:27

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB05B

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.8	25.2
139	12.5	10.0	15.0

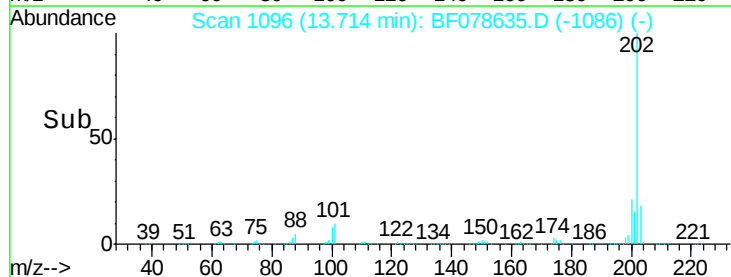
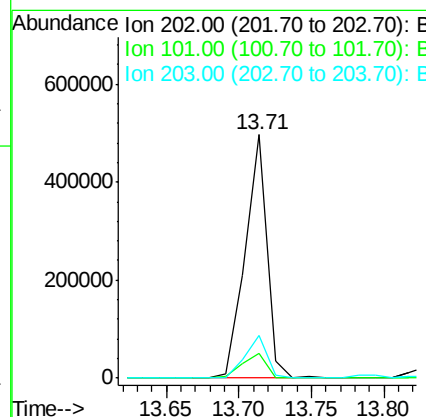
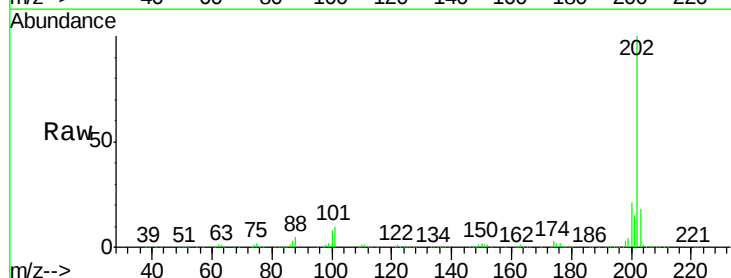
Manual Integrations
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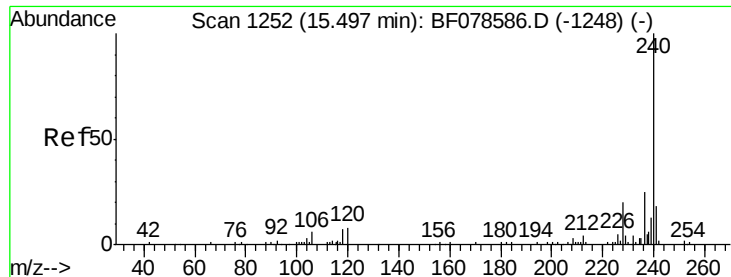
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#74
 Fluoranthene
 Concen: 42.27 ng
 RT: 13.71 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF078635.D
 Acq: 18 Apr 2015 10:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	35.2
203	17.8	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Instrument :

BNA_F

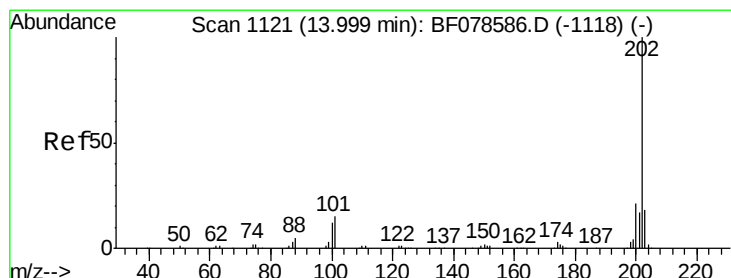
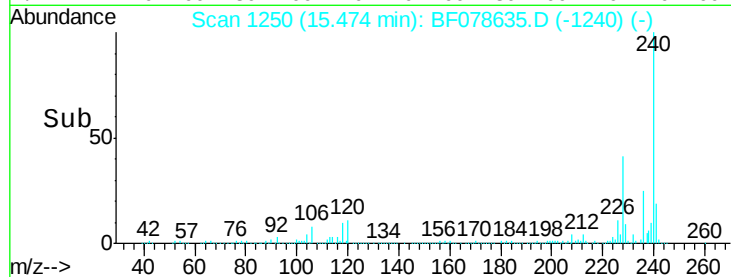
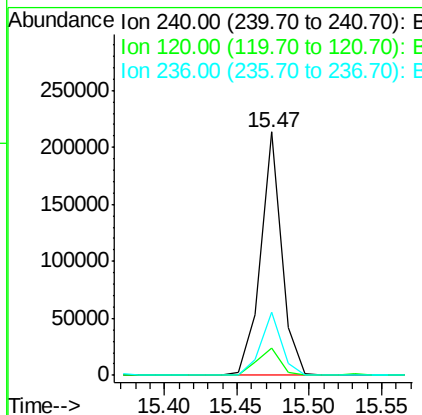
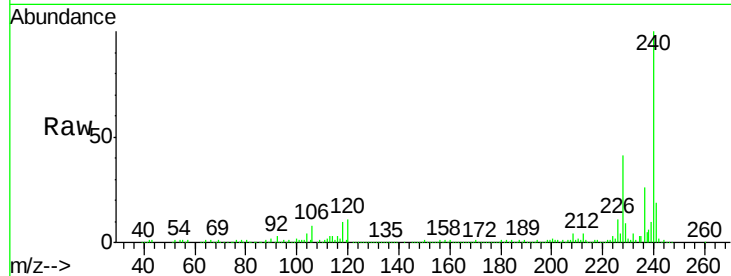
ClientSampleId :

LS-SB05B

Tot Ion:	240	Resp:	215960
Ion Ratio	Lower	Upper	
240	100		
120	11.4	7.1	10.7#
236	25.7	21.4	32.2

Manual Integrations
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#77

Pyrene

Concen: 33.12 ng

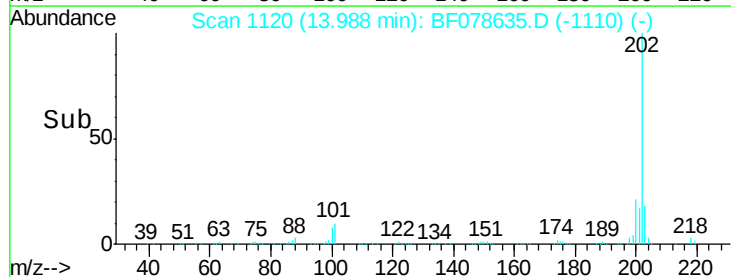
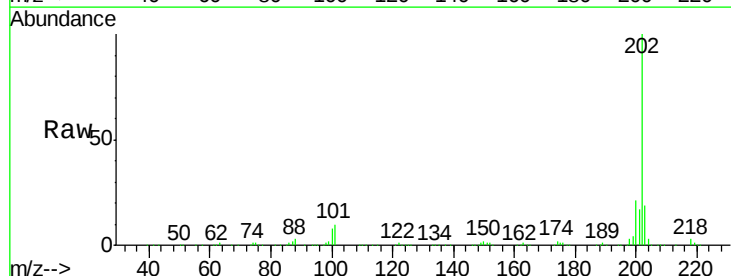
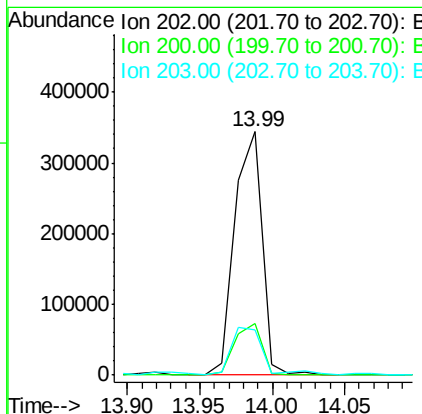
RT: 13.99 min Scan# 1120

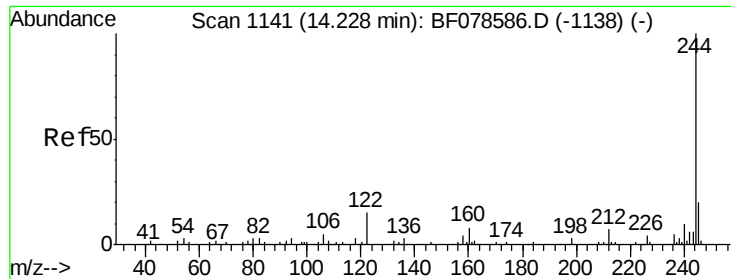
Delta R.T. 0.01 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Tgt Ion:	202	Resp:	449052
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.3	24.5
203	18.7	13.8	20.6





#78

Terphenyl-d14

Concen: 35.72 ng

RT: 14.22 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Instrument :

BNA_F

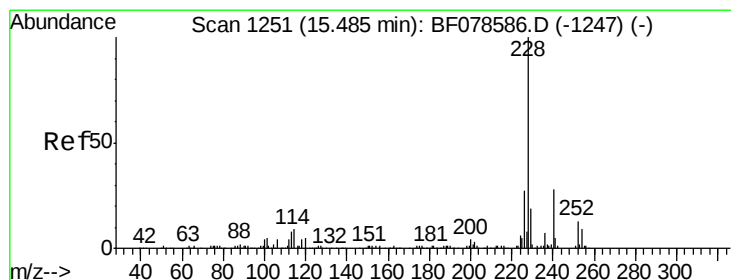
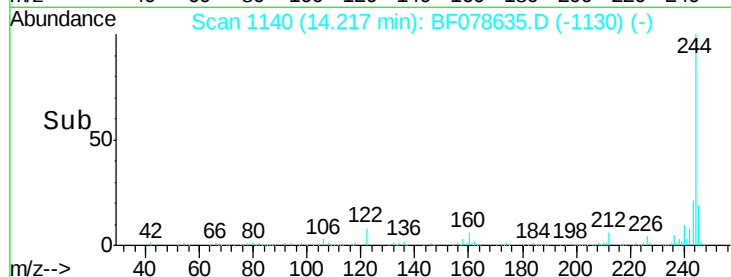
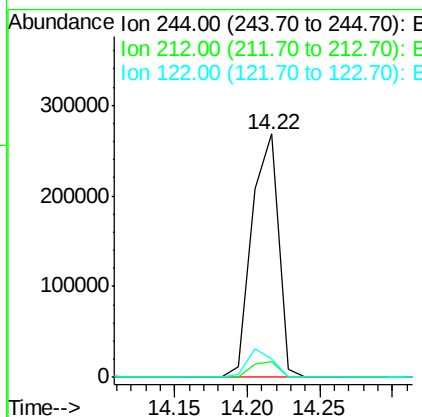
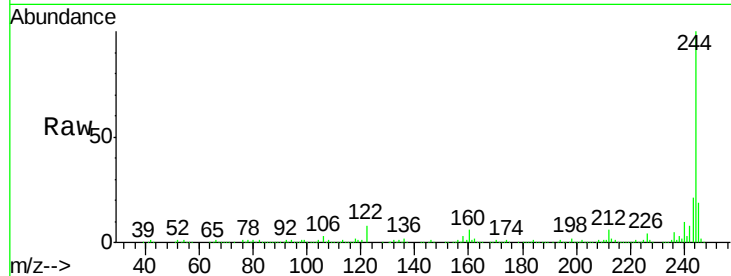
ClientSampleId :

LS-SB05B

Tot Ion:	244	Resp:	341362
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.0	7.4
122	7.8	7.1	10.7

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#80

Benzo(a)anthracene

Concen: 30.55 ng

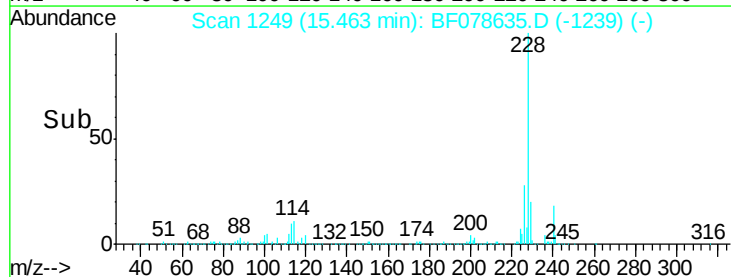
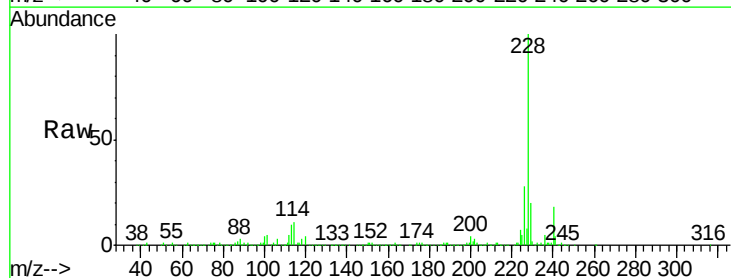
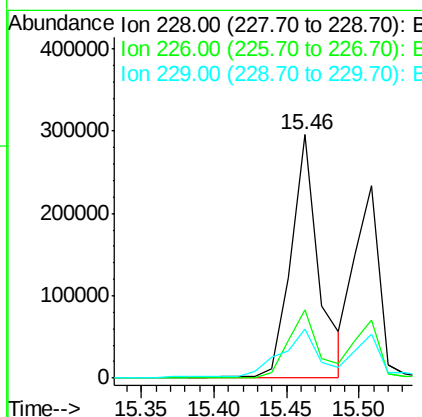
RT: 15.46 min Scan# 1249

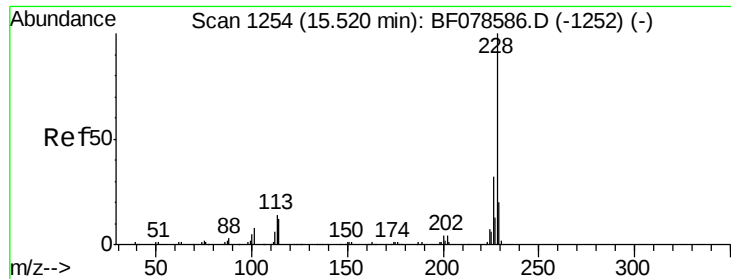
Delta R.T. 0.01 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Tgt Ion:	228	Resp:	392579
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.3	31.9
229	20.1	15.4	23.2





#82

Chrysene

Concen: 22.80 ng

RT: 15.51 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Instrument :

BNA_F

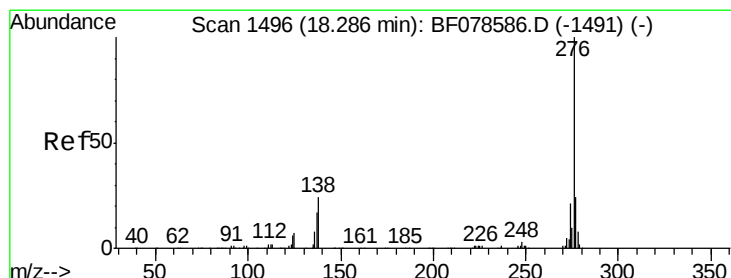
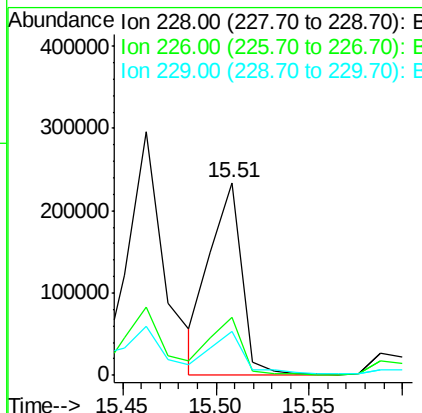
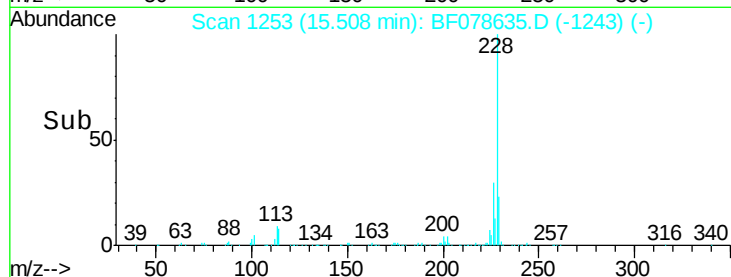
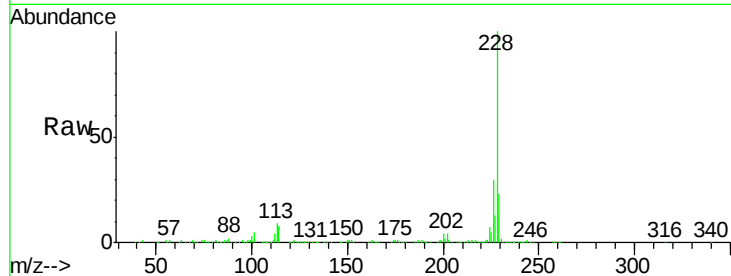
ClientSampleId :

LS-SB05B

Tot Ion:	228	Resp:	275198
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.2	36.4
229	23.1	15.8	23.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 19.38 ng

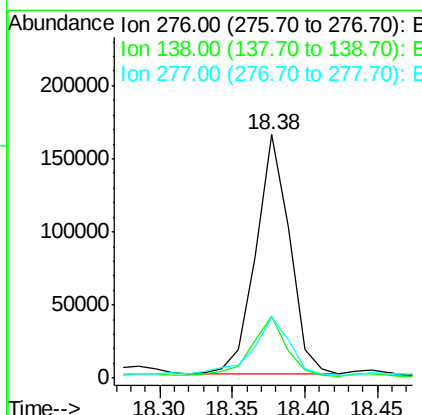
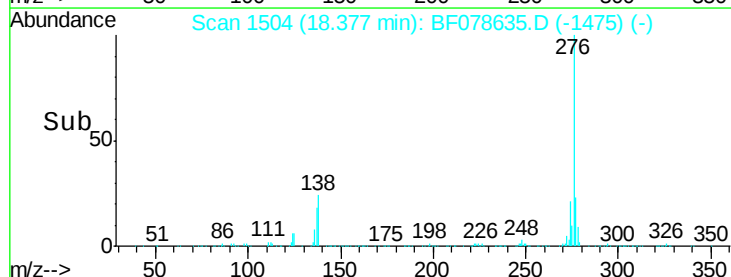
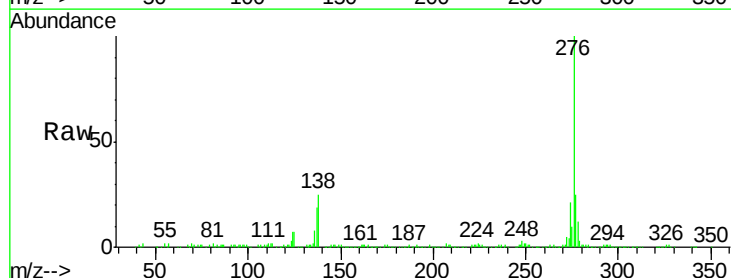
RT: 18.38 min Scan# 1504

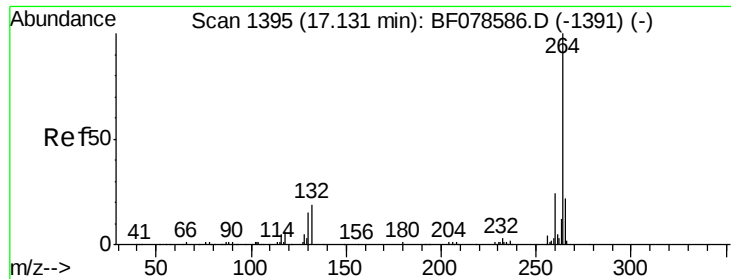
Delta R.T. 0.03 min

Lab File: BF078635.D

Acq: 18 Apr 2015 10:27

Tgt Ion:	276	Resp:	265532
Ion Ratio	Lower	Upper	
276	100		
138	25.6	16.9	25.3#
277	28.8	15.8	23.6#





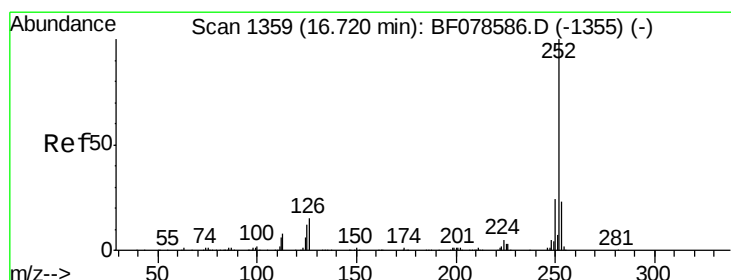
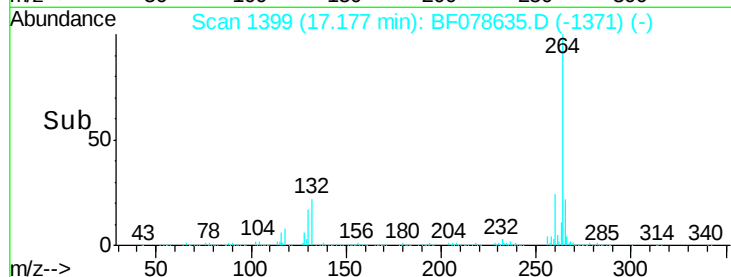
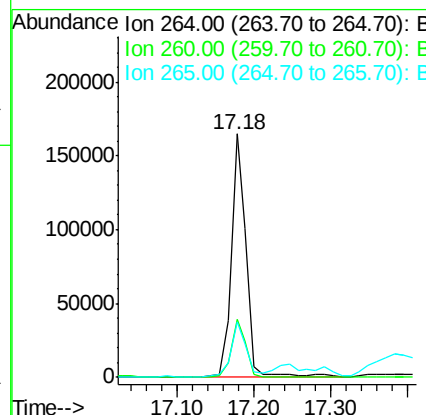
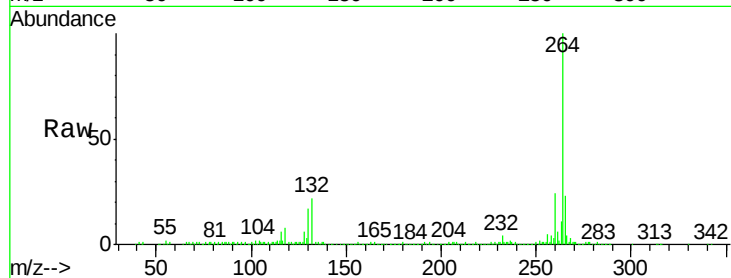
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1399
Delta R.T. 0.02 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Instrument :
BNA_F
ClientSampleId :
LS-SB05B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.5	17.0	25.6

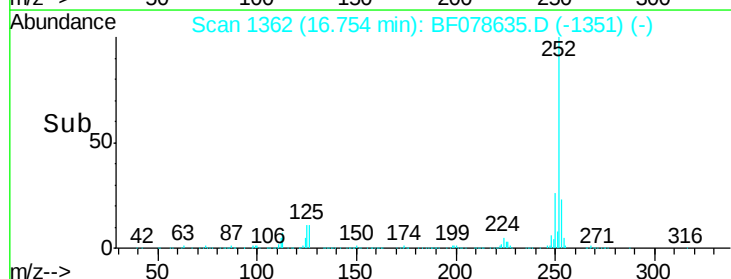
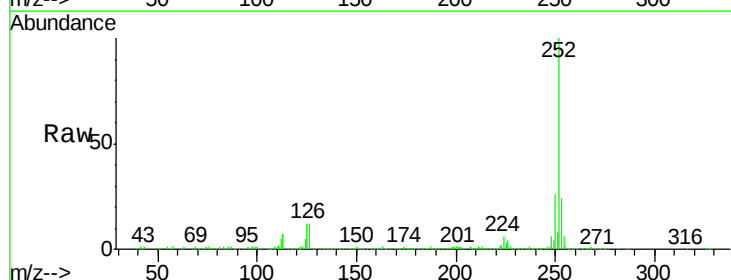
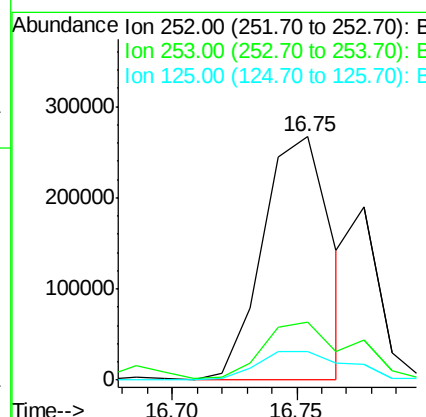
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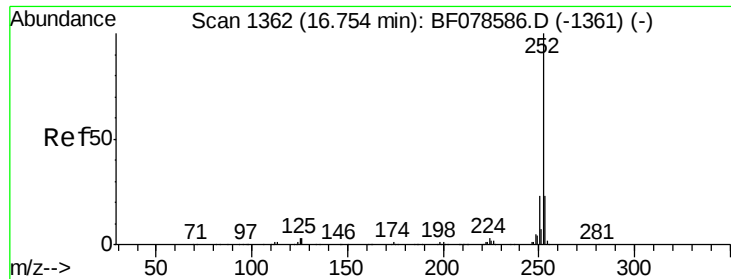
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#87
Benzo(b)fluoranthene
Concen: 36.21 ng m
RT: 16.75 min Scan# 1362
Delta R.T. 0.02 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	11.7	7.0	10.4





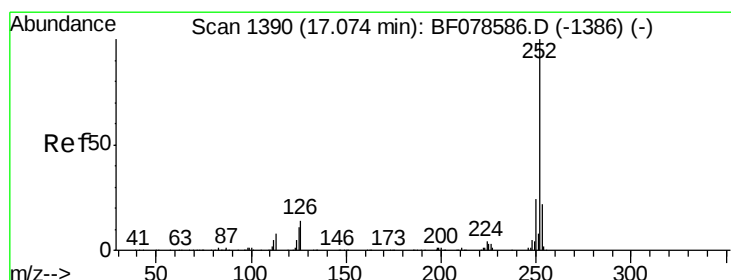
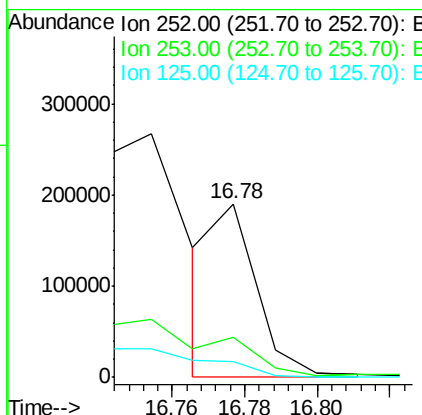
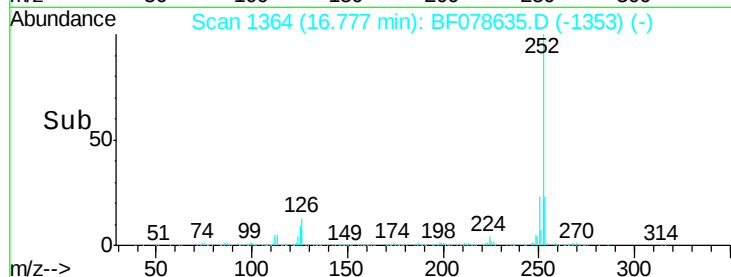
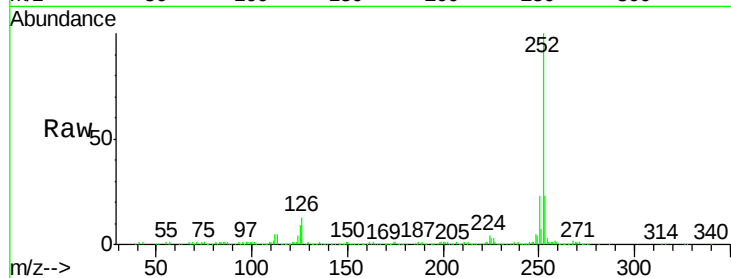
#88
Benzo(k)fluoranthene
Concen: 12.50 ng m
RT: 16.78 min Scan# 1364
Delta R.T. 0.02 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Instrument :
BNA_F
ClientSampleId :
LS-SB05B

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.2	11.6	17.4

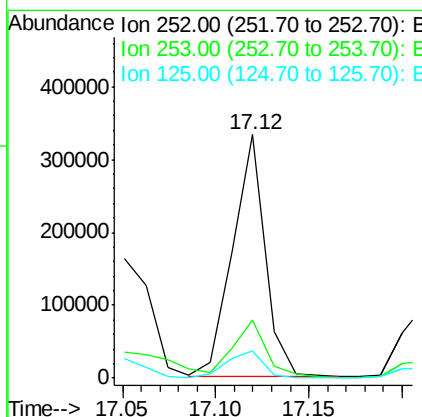
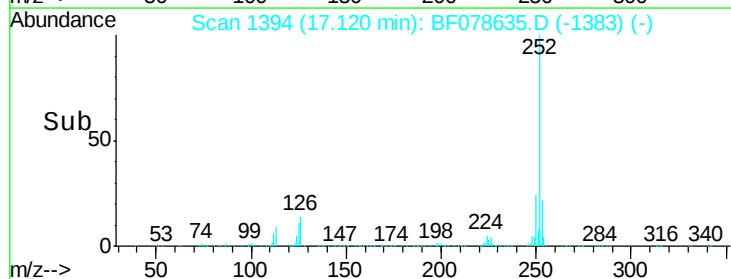
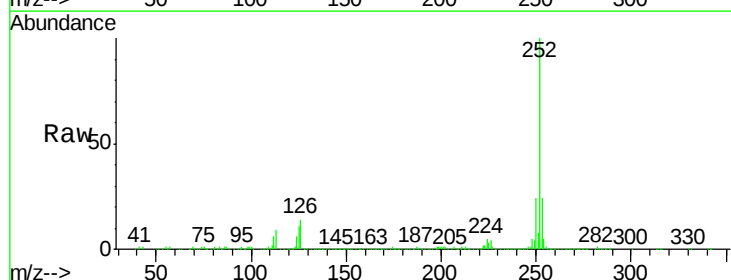
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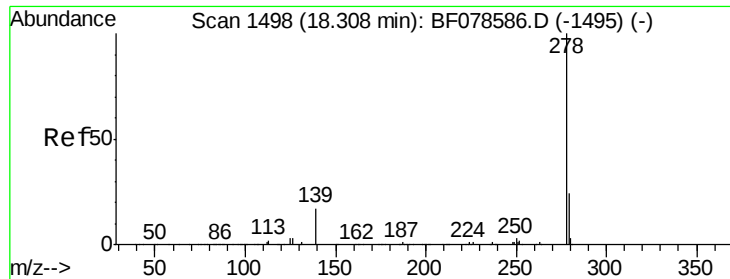
apatel
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#89
Benzo(a)pyrene
Concen: 33.03 ng
RT: 17.12 min Scan# 1394
Delta R.T. 0.02 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.8	25.2
125	11.0	7.4	11.0





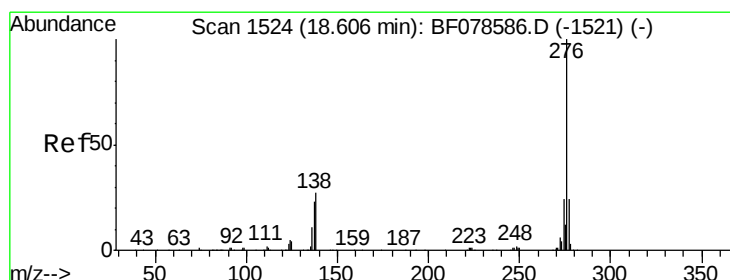
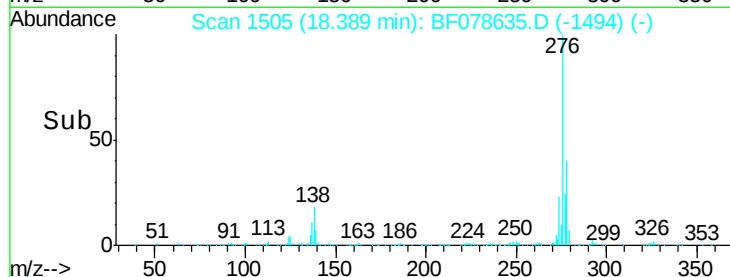
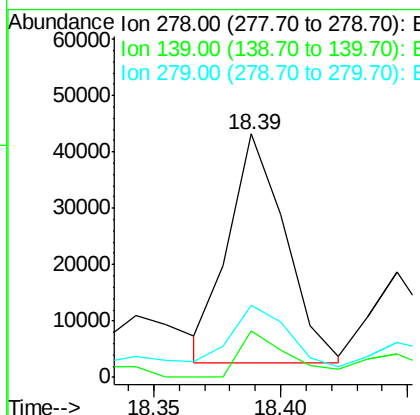
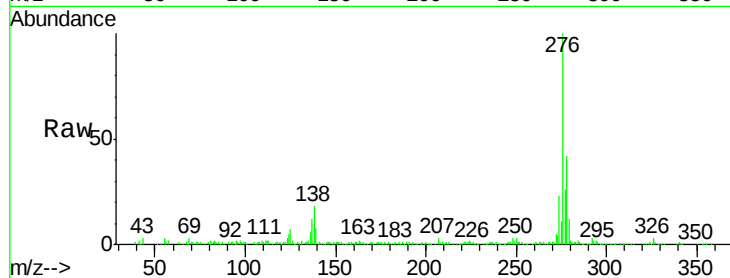
#90
Dibenzo(a,h)anthracene
Concen: 5.14 ng/mL
RT: 18.39 min Scan# 1505
Delta R.T. 0.02 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Instrument :
BNA_F
ClientSampleId :
LS-SB05B

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.3	13.6	20.4
279	29.4	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 19.76 ng/mL
RT: 18.71 min Scan# 1533
Delta R.T. 0.05 min
Lab File: BF078635.D
Acq: 18 Apr 2015 10:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.7	19.9	29.9

