

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078543.D
 Acq On : 15 Apr 2015 18:59
 Operator : TP/IZ
 Sample : G1787-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01BRE

Manual Integrations
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Quant Time: Apr 16 01:53:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 01:25:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	30123	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	124033	20.00	ng	-0.01
38) Acenaphthene-d10	10.44	164	61338	20.00	ng	0.00
63) Phenanthrene-d10	12.26	188	116234	20.00	ng	-0.01
75) Chrysene-d12	15.52	240	112965	20.00	ng	-0.01
86) Perylene-d12	17.23	264	111581	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	259792	142.20	ng	0.01
7) Phenol-d6	6.32	99	343677	150.10	ng	0.01
23) Nitrobenzene-d5	7.42	82	198812	97.16	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	78893	155.08	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	324621	75.65	ng	0.00
78) Terphenyl-d14	14.26	244	304662	60.94	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.33	94	9353	3.41	ng	# 63
49) Dimethylphthalate	10.16	163	15810	3.43	ng	98
70) Phenanthrene	12.30	178	25006	3.72	ng	98
74) Fluoranthene	13.76	202	65978	9.30	ng	92
77) Pyrene	14.03	202	57521	8.11	ng	98
79) Butylbenzylphthalate	14.89	149	46065	17.04	ng	88
80) Benzo(a)anthracene	15.51	228	32241	4.80	ng	97
82) Chrysene	15.55	228	28352	4.49	ng	97
83) Bis(2-ethylhexyl)phthalate	15.62	149	59965	14.15	ng	# 97
85) Indeno(1,2,3-cd)pyrene	18.45	276	16806m	2.35	ng	
87) Benzo(b)fluoranthene	16.80	252	39613	5.74	ng	# 90
89) Benzo(a)pyrene	17.18	252	22608	3.76	ng	# 89
91) Benzo(g,h,i)perylene	18.78	276	16047	2.66	ng	96

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

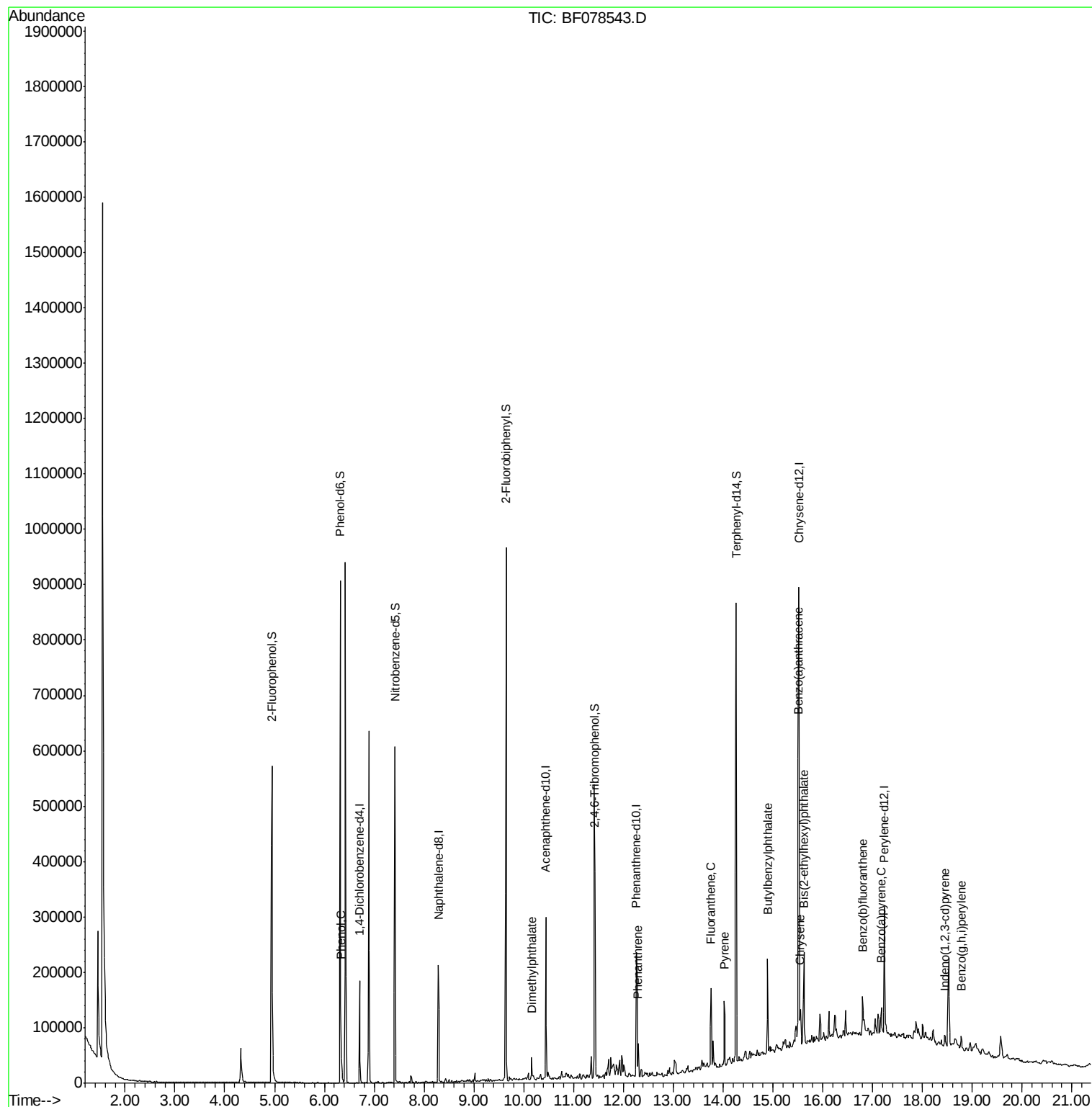
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078543.D
Acq On : 15 Apr 2015 18:59
Operator : TP/IZ
Sample : G1787-02RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

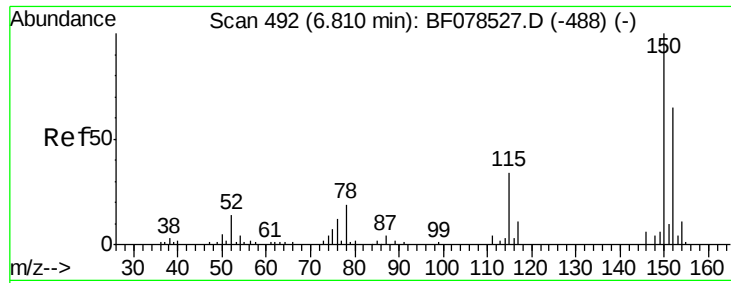
Instrument :
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#1

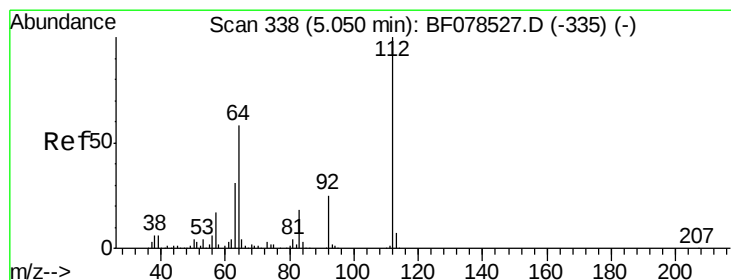
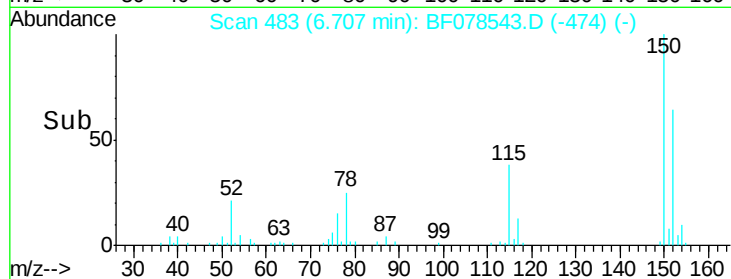
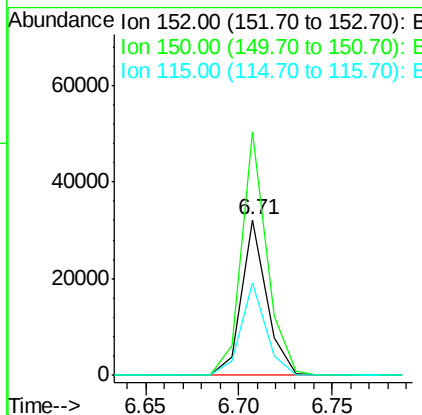
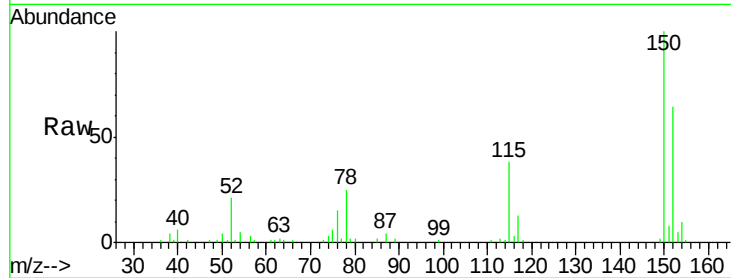
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF078543.D
Acq: 15 Apr 2015 18:59

Instrument :
BNA_F
ClientSampleId :
LS-SD01BRE

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	30123		
150	156.8	125.9	188.9	
115	59.9	52.7	79.1	

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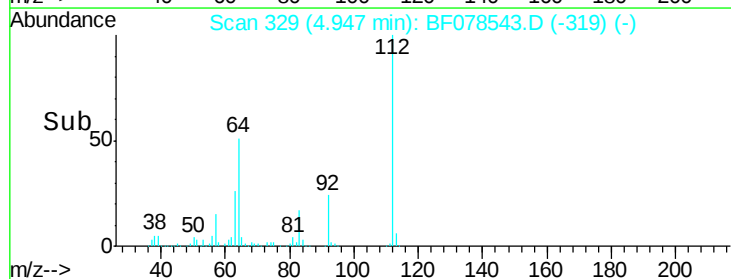
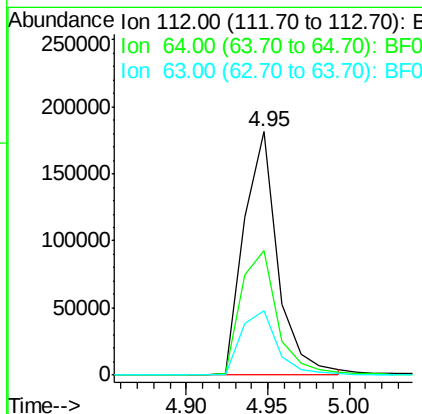
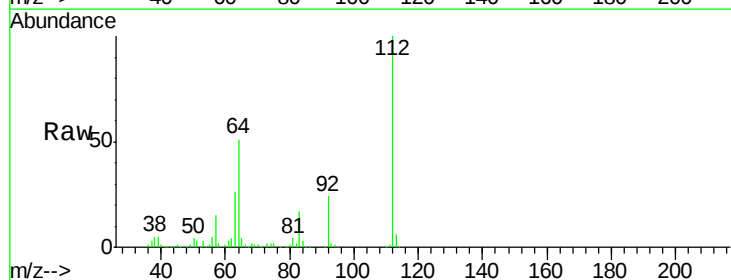
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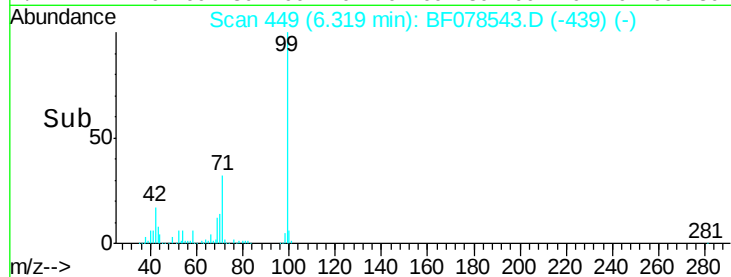
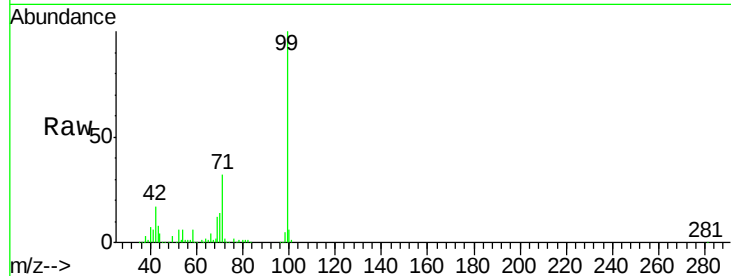
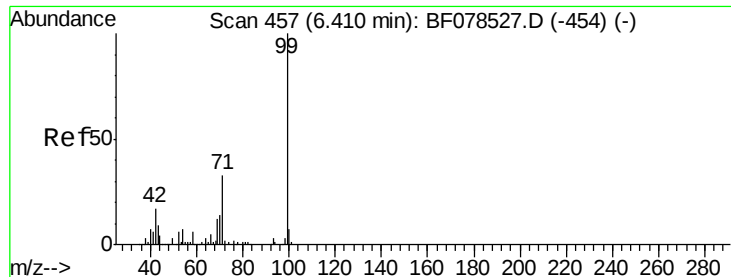


#5

2-Fluorophenol
Concen: 142.20 ng
RT: 4.95 min Scan# 329
Delta R.T. 0.01 min
Lab File: BF078543.D
Acq: 15 Apr 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	259792		
64	51.2	39.9	59.9	
63	26.5	20.2	30.4	





#7

Phenol-d6

Concen: 150.10 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078543.D

Acq: 15 Apr 2015 18:59

Tgt Ion:	99	Resp:	343677
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.8	22.2
71	32.4	26.6	39.8

Instrument :

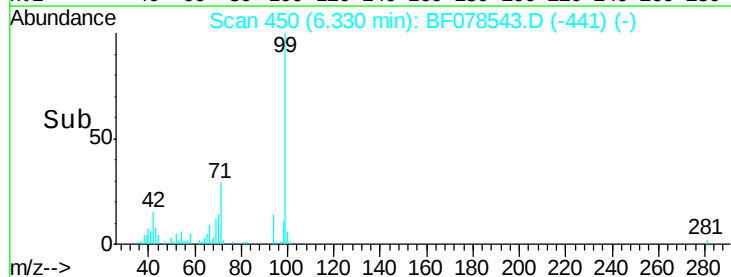
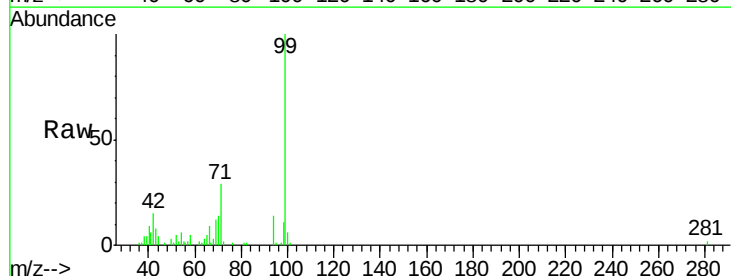
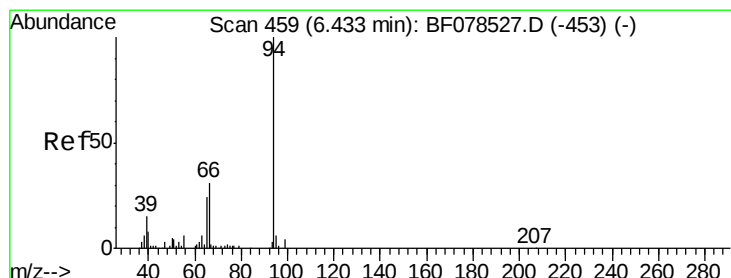
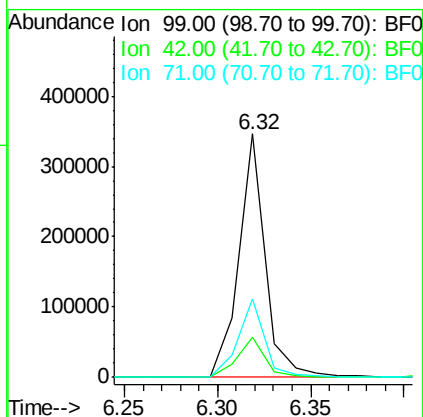
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ClientSampleId :

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#10

Phenol

Concen: 3.41 ng

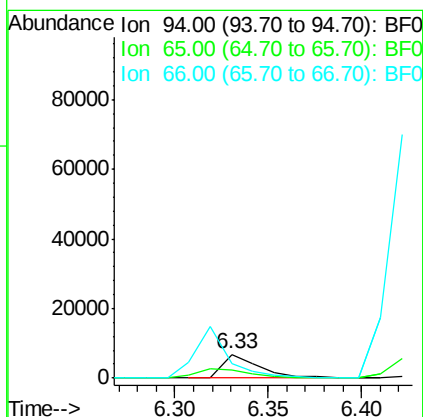
RT: 6.33 min Scan# 450

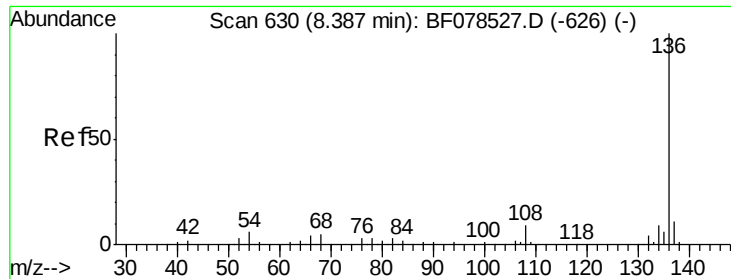
Delta R.T. 0.00 min

Lab File: BF078543.D

Acq: 15 Apr 2015 18:59

Tgt Ion:	94	Resp:	9353
Ion Ratio	Lower	Upper	
94	100		
65	34.2	4.9	44.9
66	62.8	13.8	53.8#





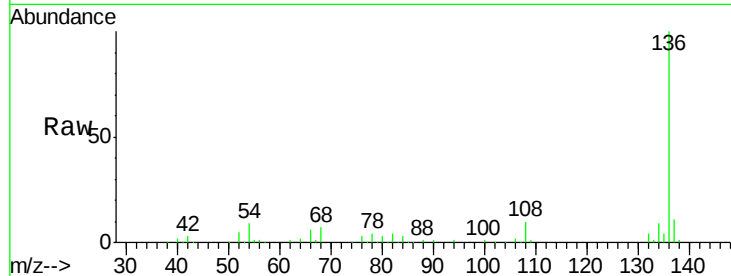
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF078543.D
Acq: 15 Apr 2015 18:59

Instrument :
BNA_F
ClientSampleId :
LS-SD01BRE

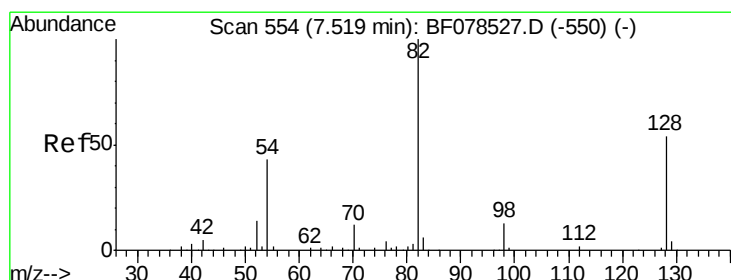
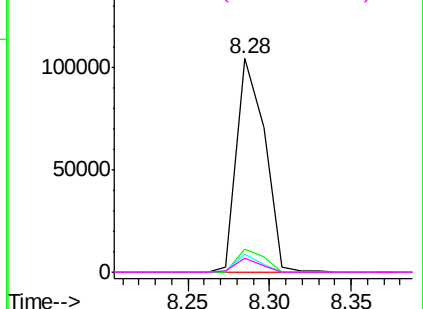
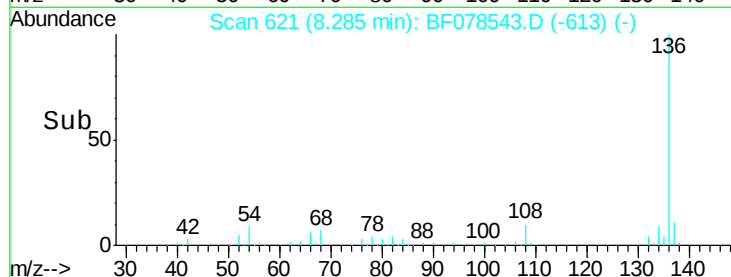
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	9.0	13.4
54	8.6	7.0	10.6
68	6.7	5.4	8.2

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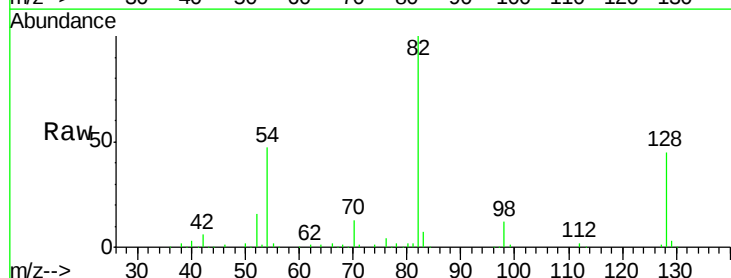


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

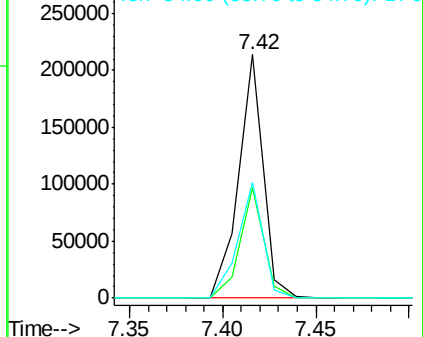
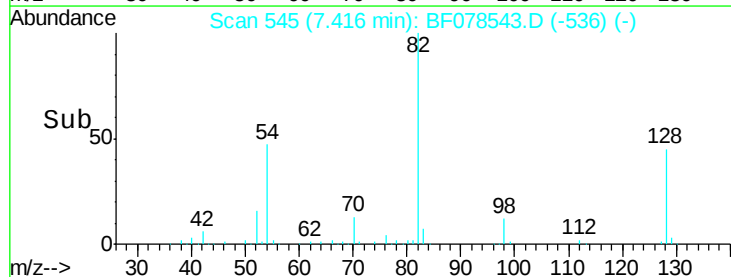


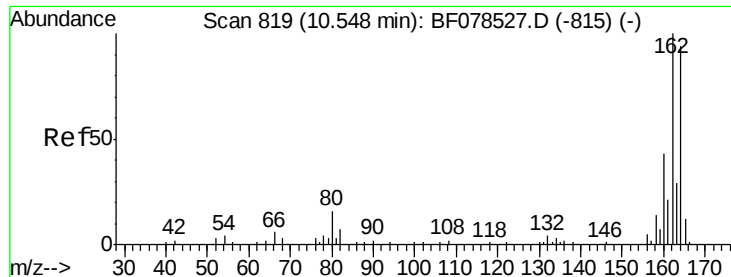
#23
Nitrobenzene-d5
Concen: 97.16 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF078543.D
Acq: 15 Apr 2015 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	45.3	31.8	47.8
54	47.5	41.5	62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





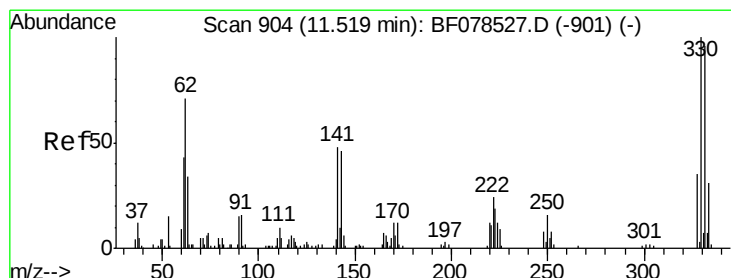
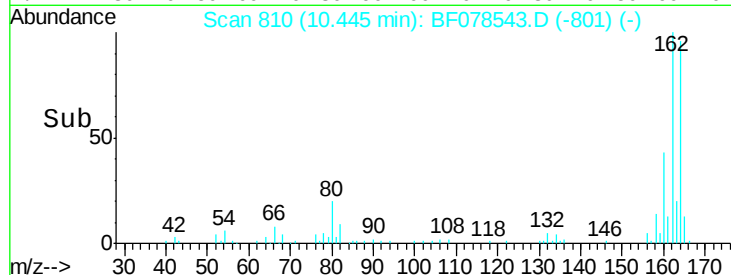
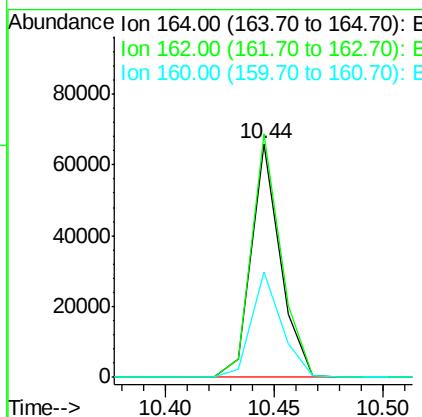
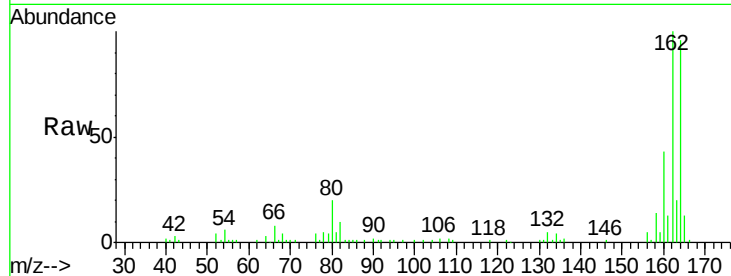
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF078543.D
 Acq: 15 Apr 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01BRE

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61338		
162	104.1	82.2	123.2	
160	44.9	34.7	52.1	

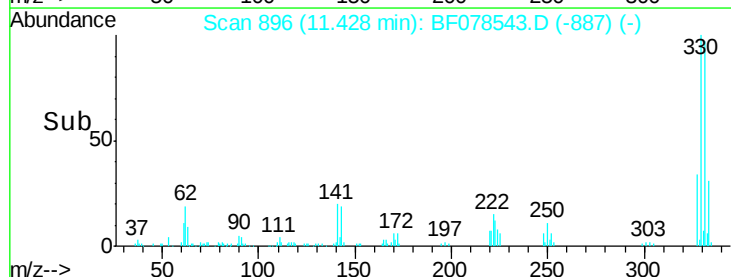
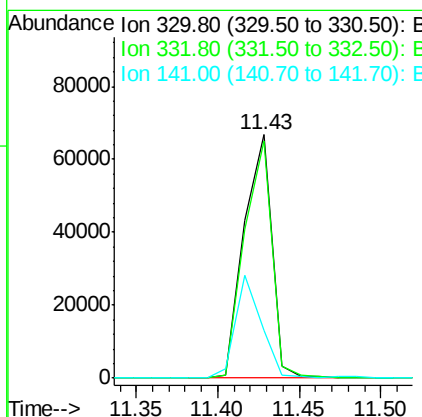
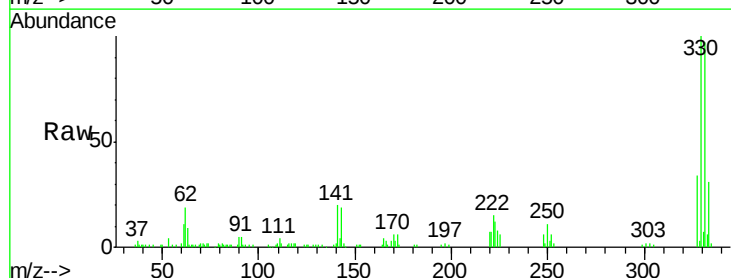
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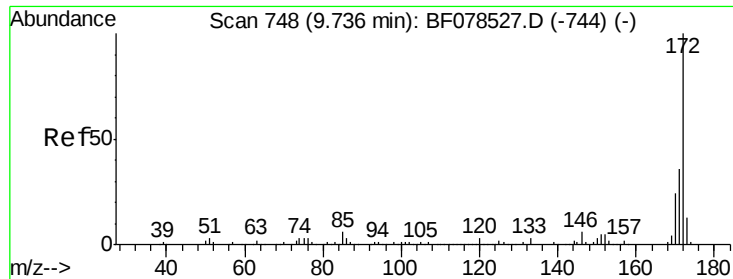
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#41
 2,4,6-Tribromophenol
 Concen: 155.08 ng
 RT: 11.43 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF078543.D
 Acq: 15 Apr 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	78893		
332	96.4	78.6	117.8	
141	38.9	31.2	46.8	





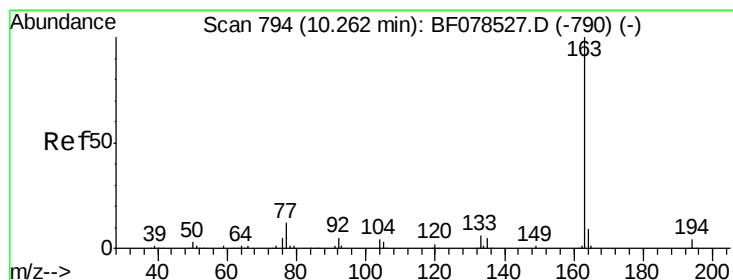
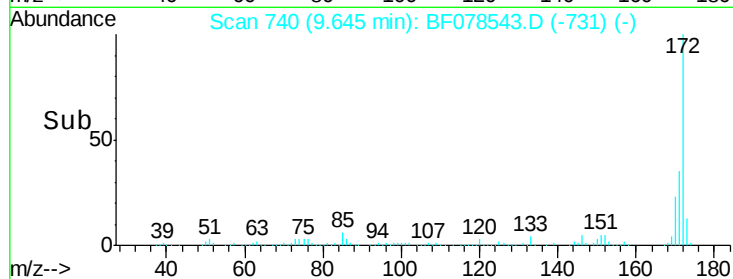
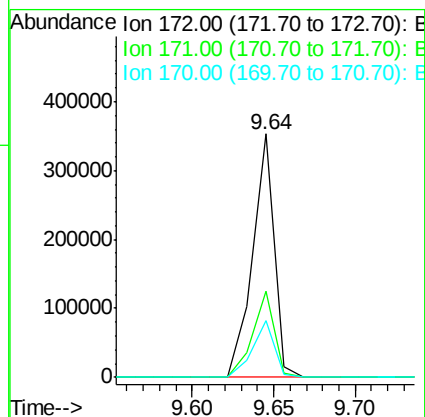
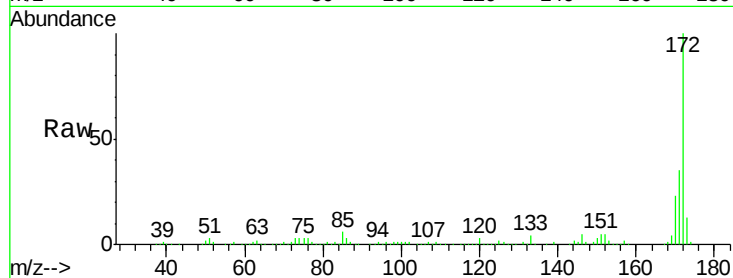
#44
 2-Fluorobiphenyl
 Concen: 75.65 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF078543.D
 Acq: 15 Apr 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01BRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.2	28.6	42.8
170	23.3	18.5	27.7

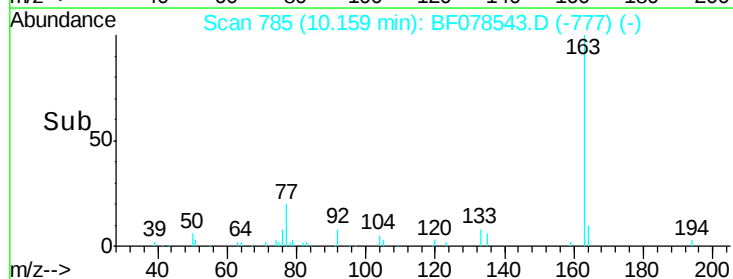
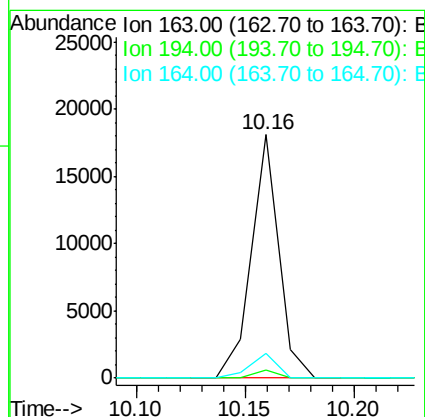
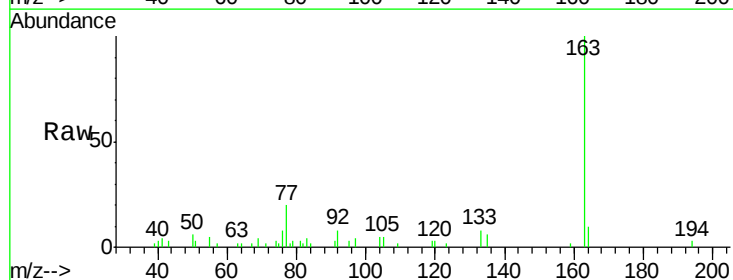
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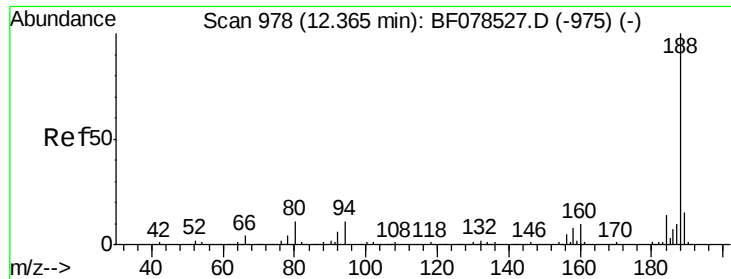
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#49
 Dimethylphthalate
 Concen: 3.43 ng
 RT: 10.16 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF078543.D
 Acq: 15 Apr 2015 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.3	3.5
164	10.2	8.6	13.0





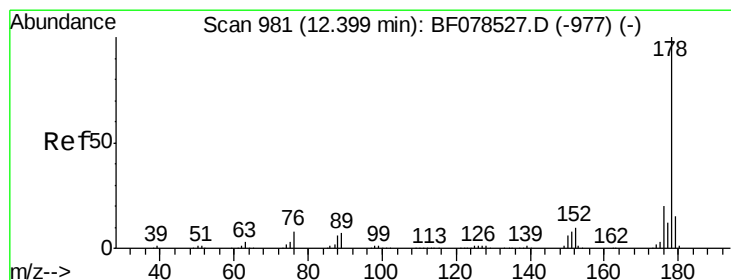
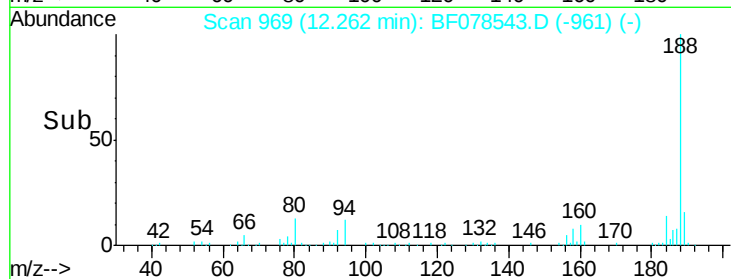
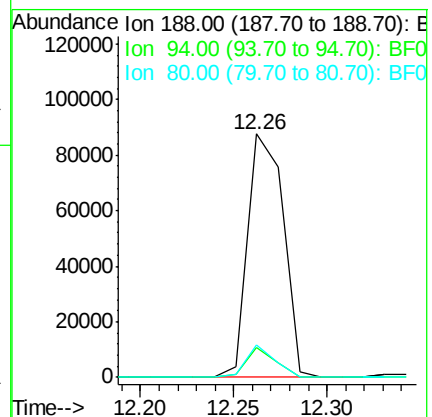
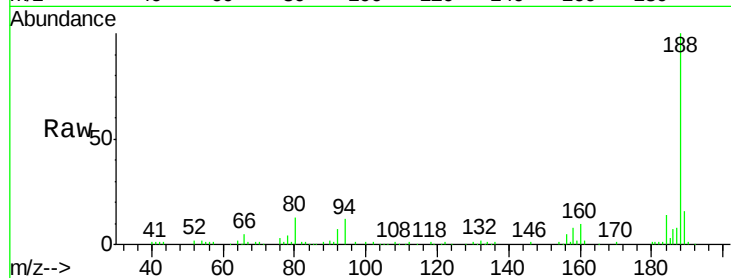
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF078543.D
Acq: 15 Apr 2015 18:59

Instrument :
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LS-SD01BRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	9.0	13.4
80	13.3	9.5	14.3

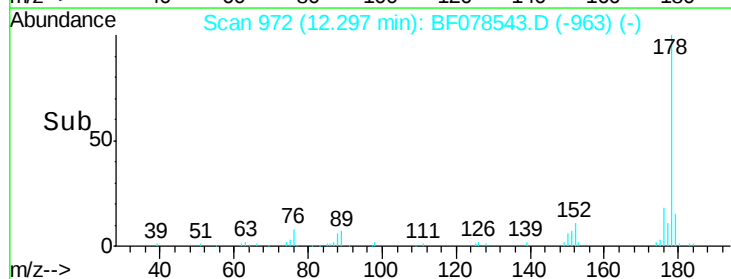
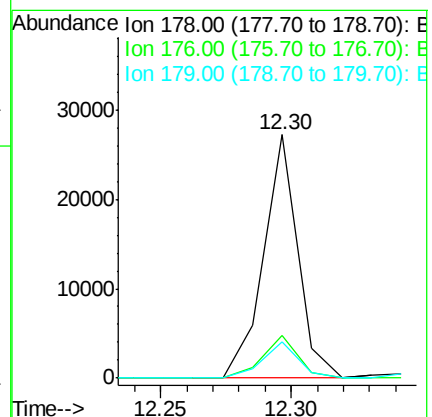
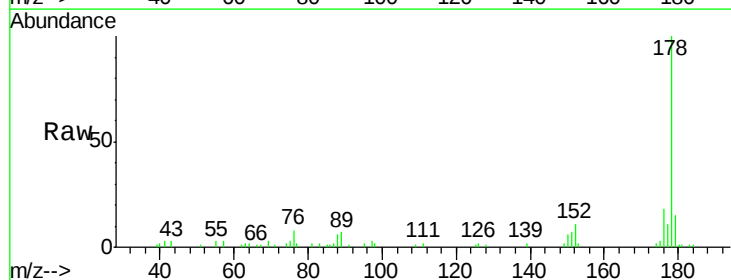
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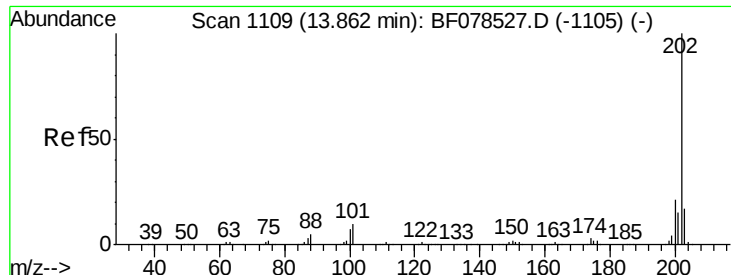
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#70
Phenanthrene
Concen: 3.72 ng
RT: 12.30 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF078543.D
Acq: 15 Apr 2015 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.8	15.4	23.0
179	15.1	12.2	18.2





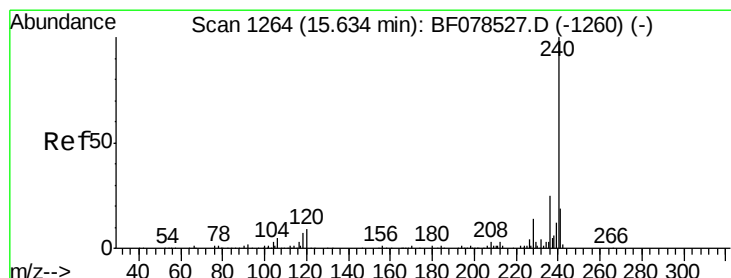
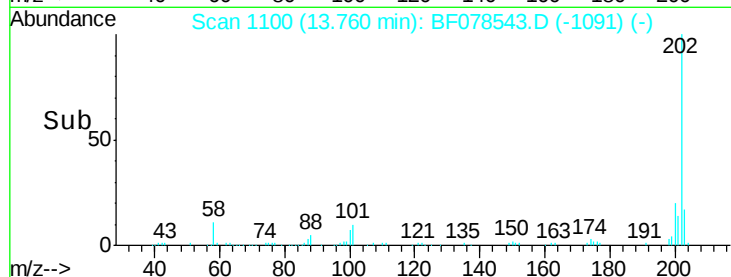
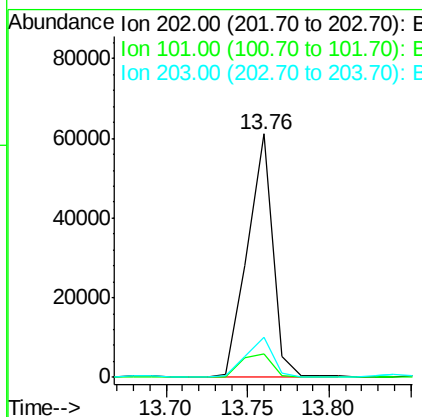
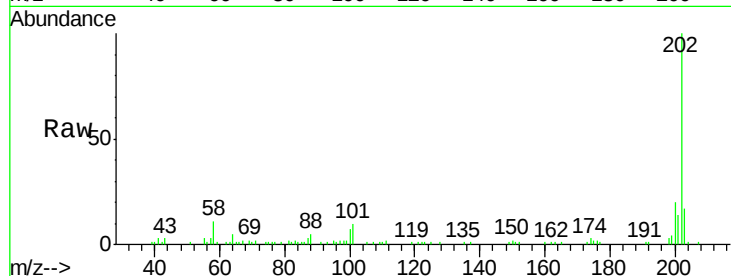
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 Fluoranthene
 Concen: 9.30 ng
 RT: 13.76 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF078543.D
 Acq: 15 Apr 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01BRE

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	35.2
203	16.7	0.0	38.5

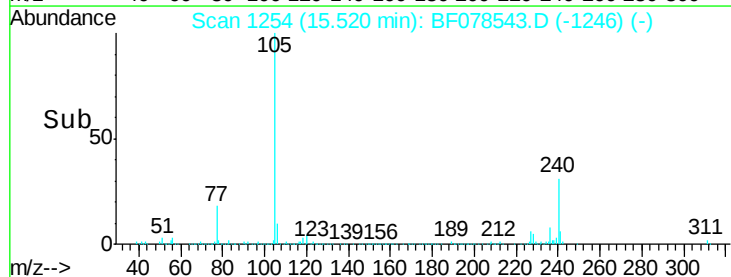
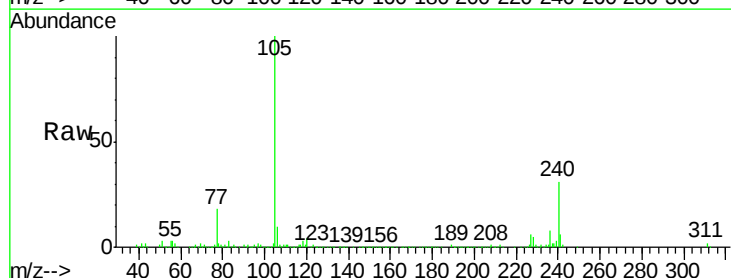
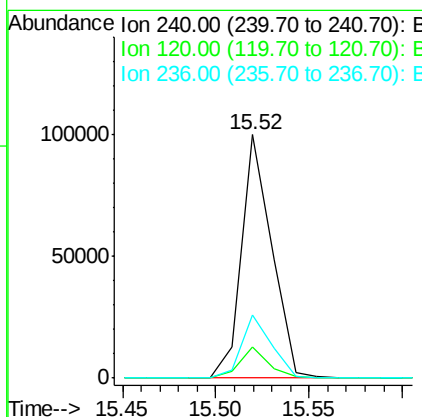
Manual Integrations
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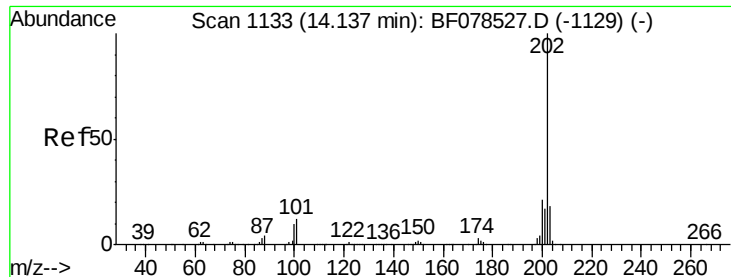
apatel
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF078543.D
 Acq: 15 Apr 2015 18:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.8	7.1	10.7#
236	25.7	21.4	32.2





#77

Pyrene

Concen: 8.11 ng

RT: 14.03 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF078543.D

Acq: 15 Apr 2015 18:59

Instrument :

BNA_F

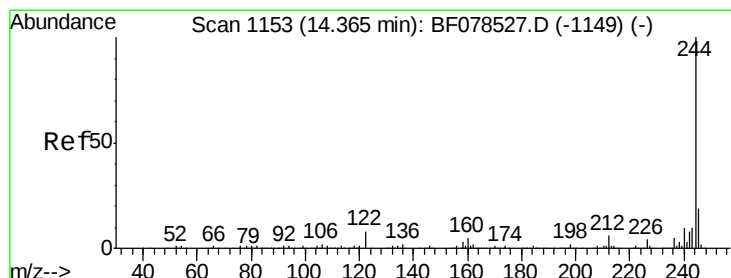
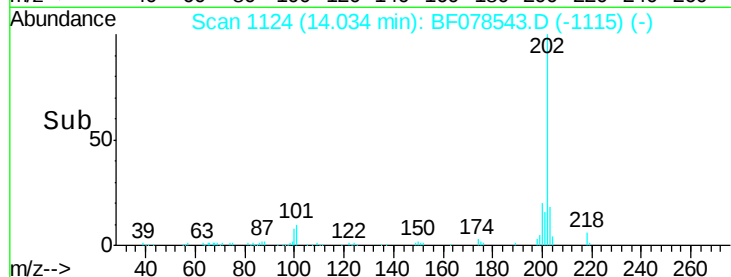
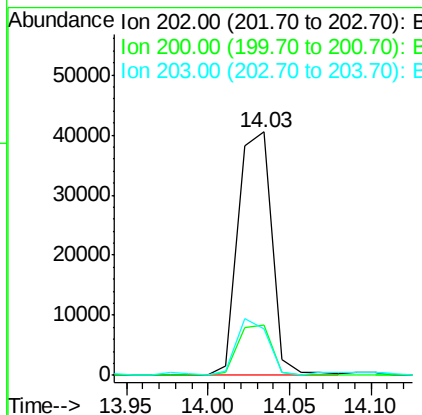
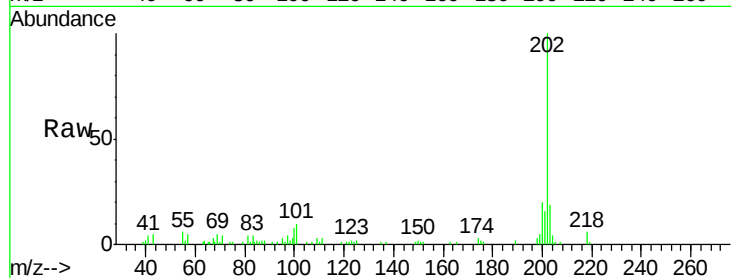
ClientSampleId :

LS-SD01BRE

Tgt Ion:	202	Resp:	57521
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.3	24.5
203	19.1	13.8	20.6

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#78

Terphenyl-d14

Concen: 60.94 ng

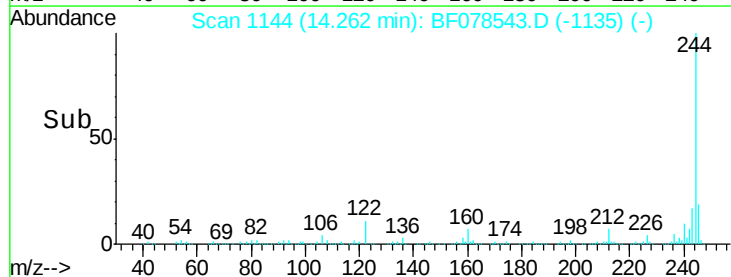
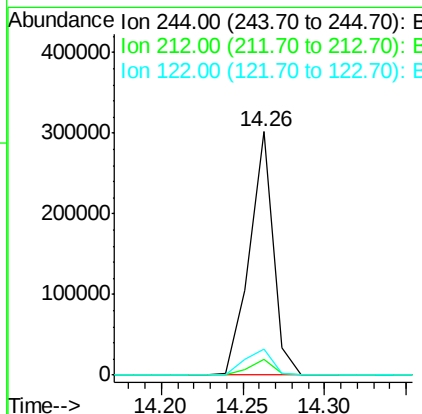
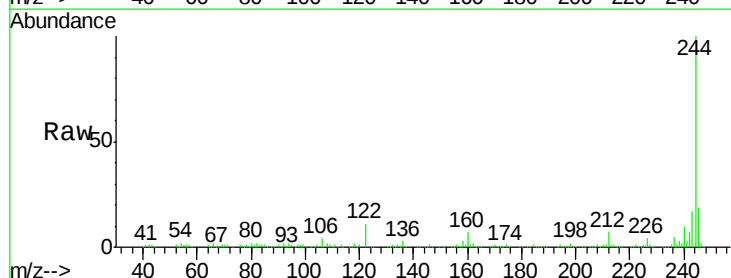
RT: 14.26 min Scan# 1144

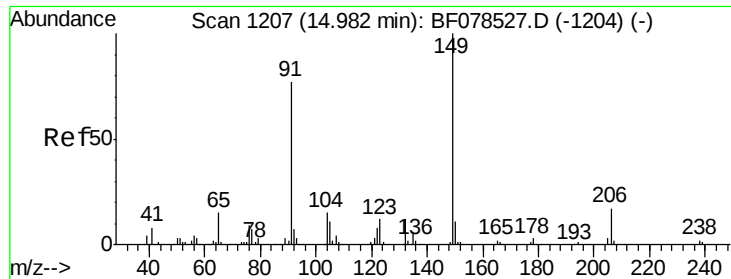
Delta R.T. 0.00 min

Lab File: BF078543.D

Acq: 15 Apr 2015 18:59

Tgt Ion:	244	Resp:	304662
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.0	7.4
122	10.6	7.1	10.7





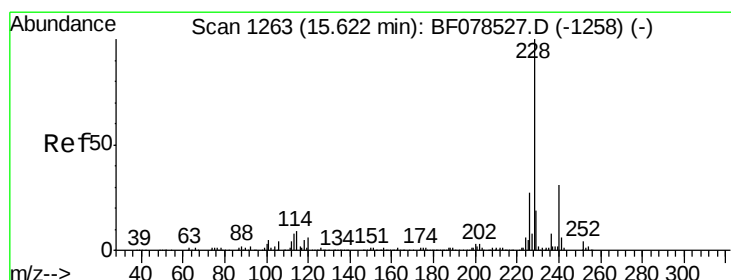
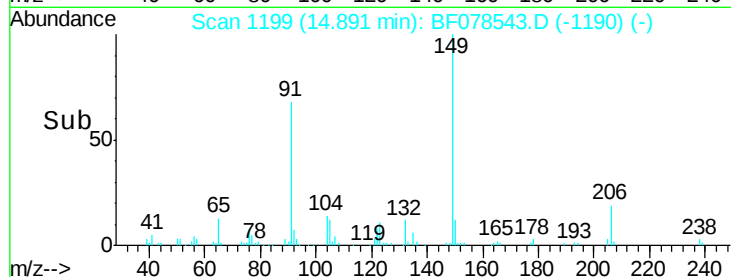
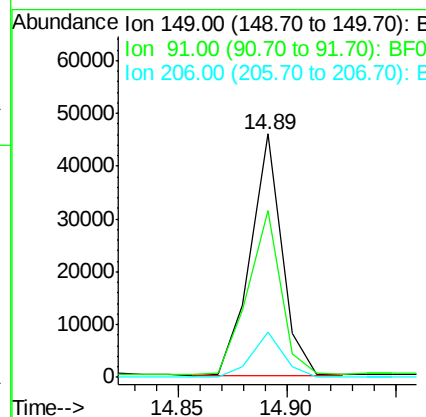
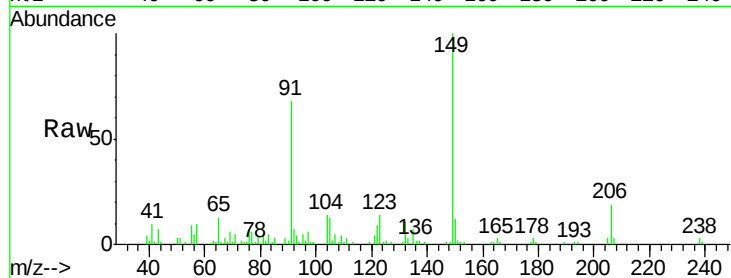
#79
Butylbenzylphthalate
Concen: 17.04 ng
RT: 14.89 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF078543.D
Acq: 15 Apr 2015 18:59

Instrument :
BNA_F
ClientSampleId :
LS-SD01BRE

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	46065		
91	68.5	64.2	96.2	
206	18.7	12.6	18.8	

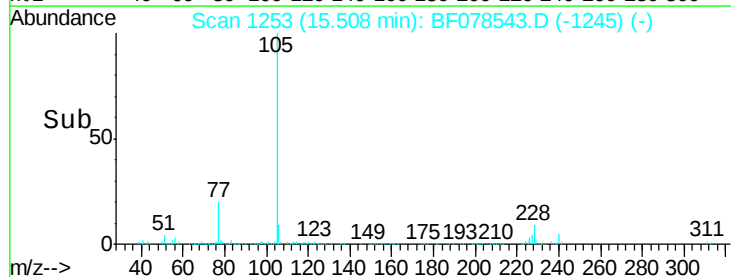
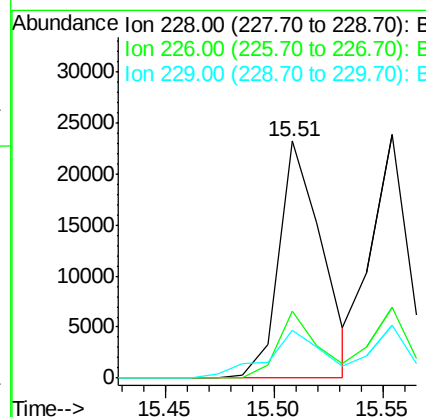
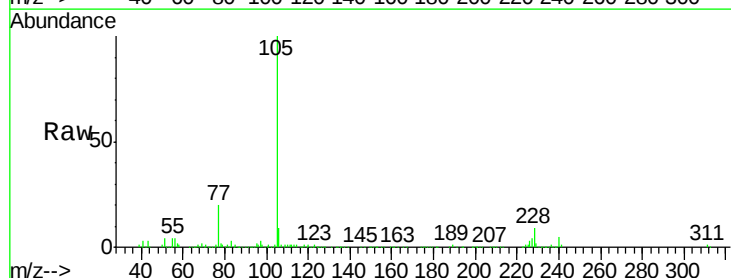
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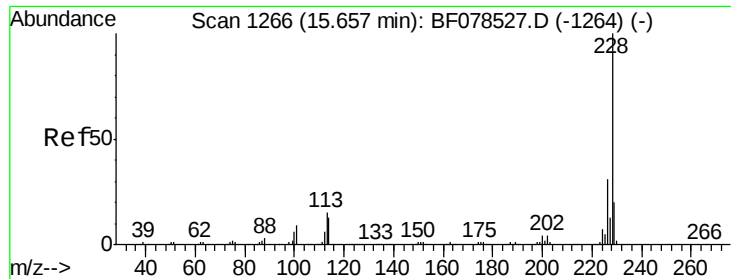
apatel
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#80
Benzo(a)anthracene
Concen: 4.80 ng
RT: 15.51 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF078543.D
Acq: 15 Apr 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	32241		
226	28.1	21.3	31.9	
229	20.3	15.4	23.2	





#82

Chrysene

Concen: 4.49 ng

RT: 15.55 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF078543.D

Acq: 15 Apr 2015 18:59

Instrument :

BNA_F

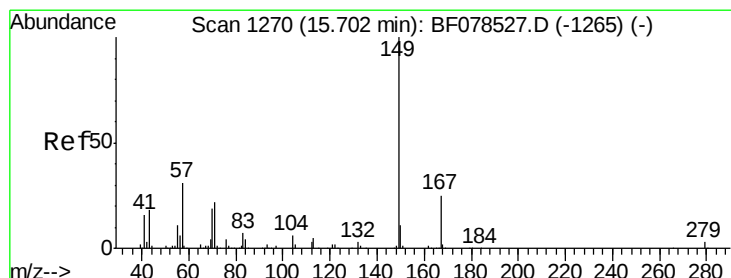
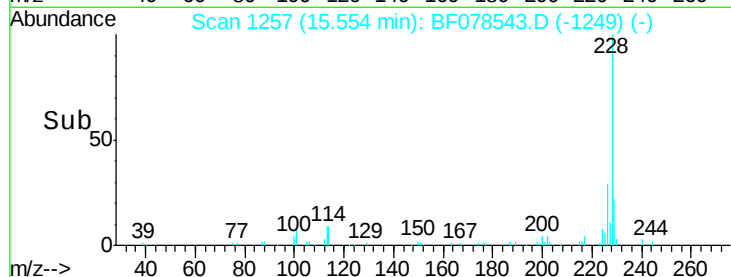
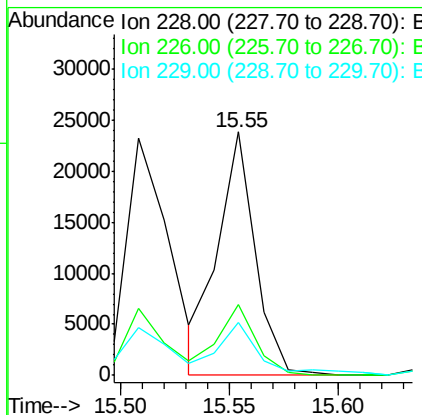
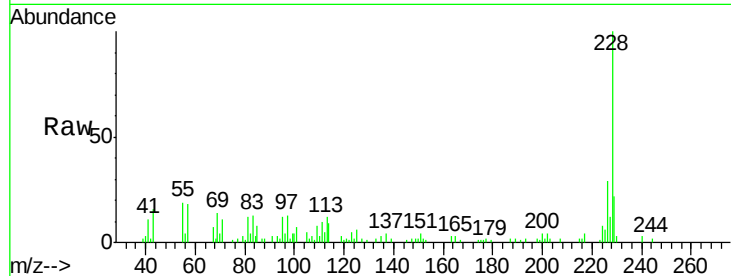
ClientSampleId :

LS-SD01BRE

Tgt Ion:	228	Resp:	28352
Ion Ratio		Lower	Upper
228	100		
226	29.3	24.2	36.4
229	21.5	15.8	23.8

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#83

Bis(2-ethylhexyl)phthalate

Concen: 14.15 ng

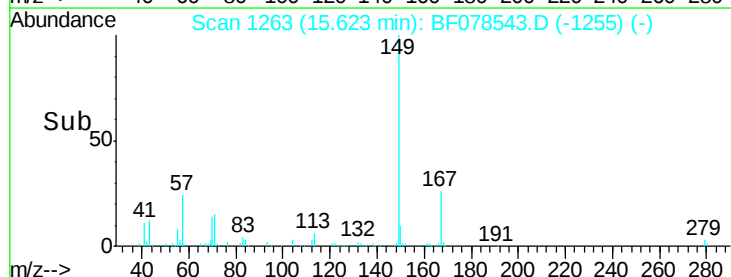
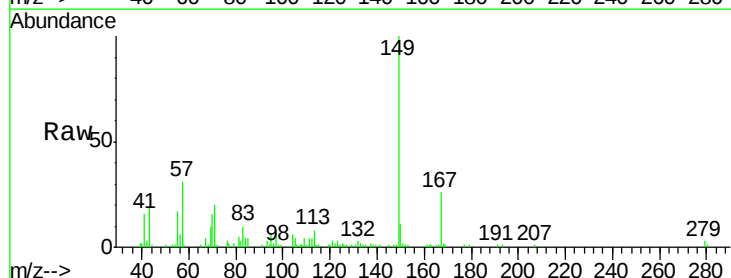
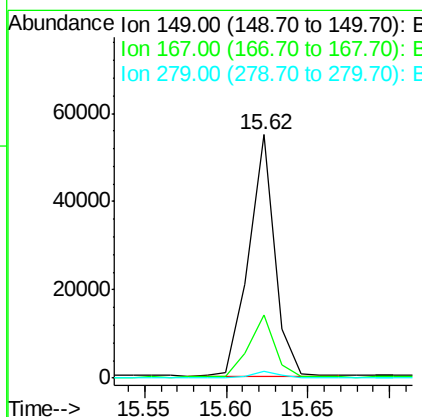
RT: 15.62 min Scan# 1263

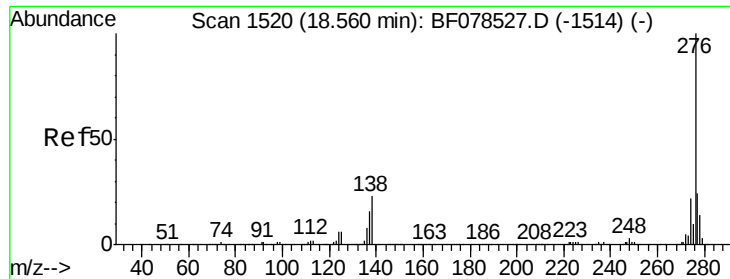
Delta R.T. -0.01 min

Lab File: BF078543.D

Acq: 15 Apr 2015 18:59

Tgt Ion:	149	Resp:	59965
Ion Ratio		Lower	Upper
149	100		
167	26.0	22.2	33.2
279	2.8	3.2	4.8#





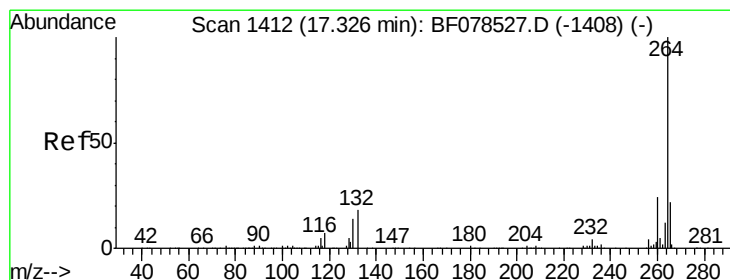
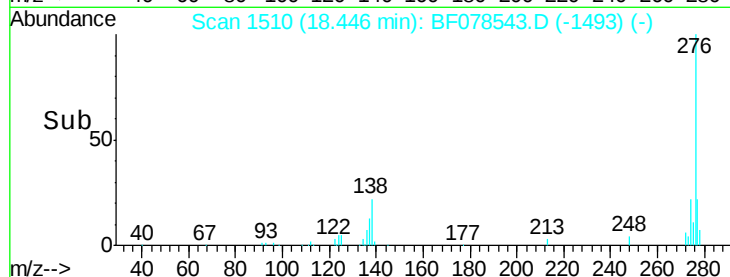
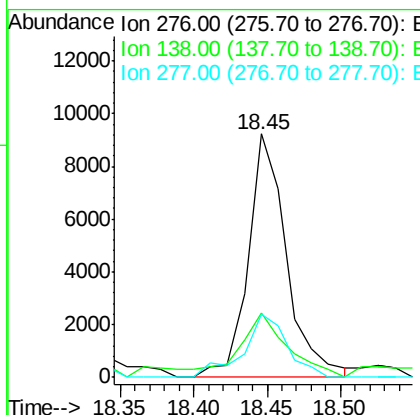
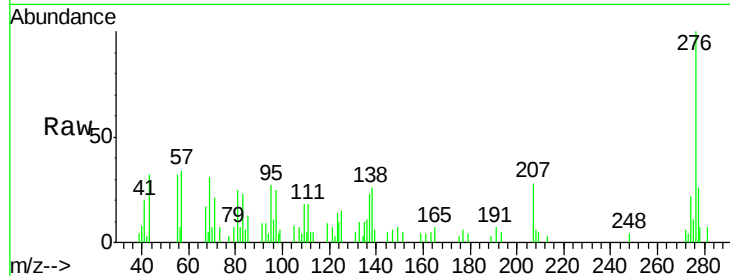
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.35 ng m
 RT: 18.45 min Scan# 1510
 Delta R.T. -0.10 min
 Lab File: BF078543.D
 Acq: 15 Apr 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01BRE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	16.9	25.3#
277	0.0	15.8	23.6#

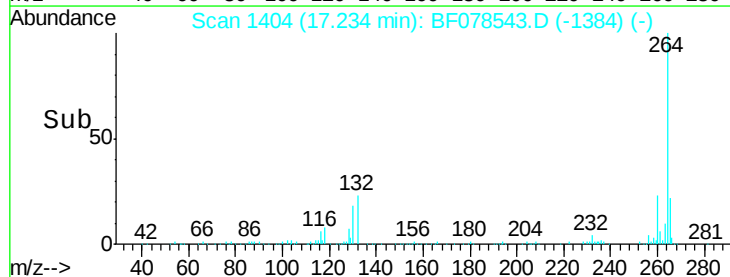
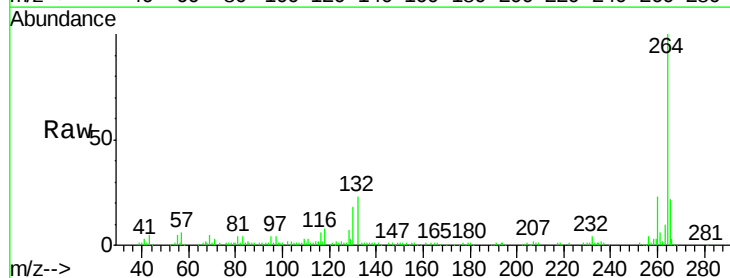
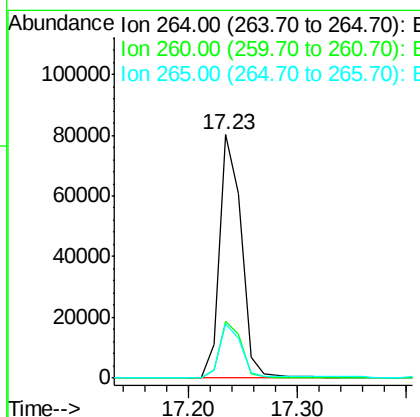
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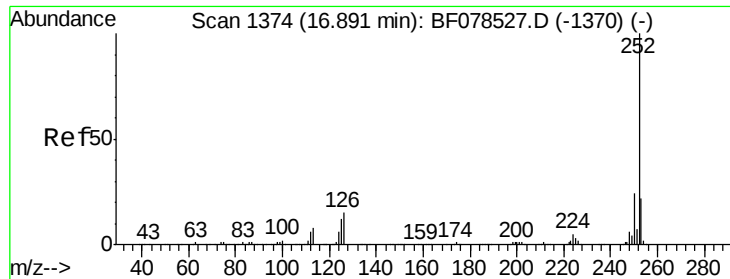
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.23 min Scan# 1404
 Delta R.T. -0.07 min
 Lab File: BF078543.D
 Acq: 15 Apr 2015 18:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.2	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 5.74 ng

RT: 16.80 min Scan# 1366

Delta R.T. -0.05 min

Lab File: BF078543.D

Acq: 15 Apr 2015 18:59

Instrument :

BNA_F

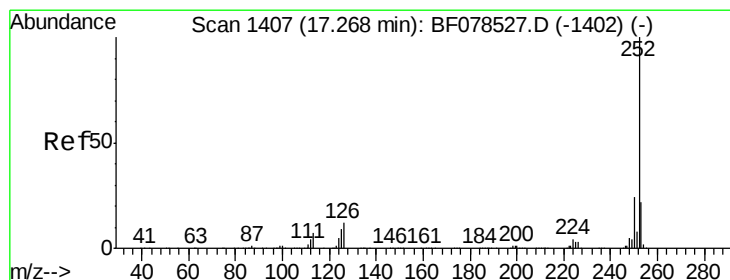
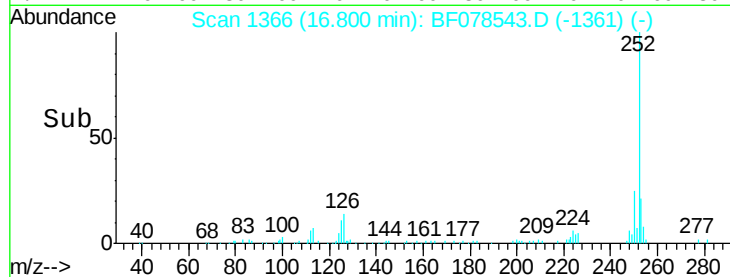
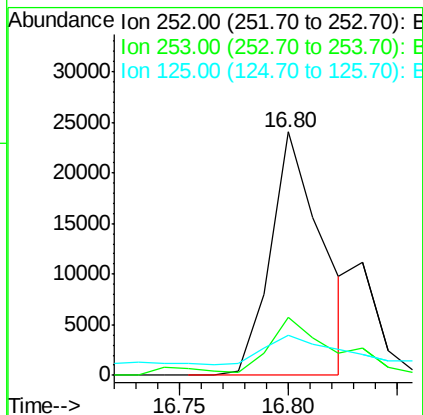
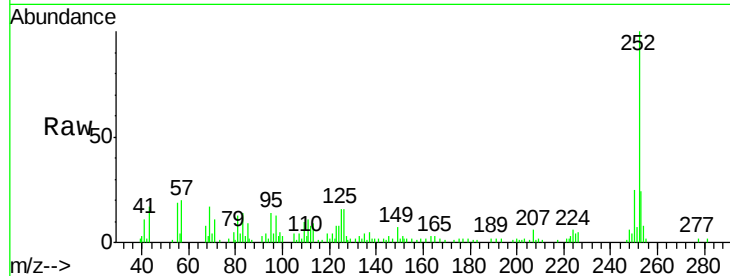
ClientSampleId :

LS-SD01BRE

Tgt Ion:	252	Resp:	39613
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	16.3	7.0	10.4

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#89

Benzo(a)pyrene

Concen: 3.76 ng

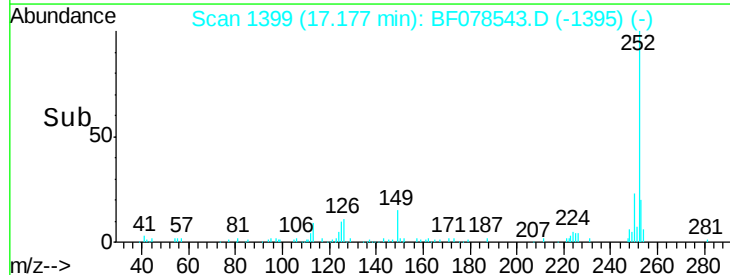
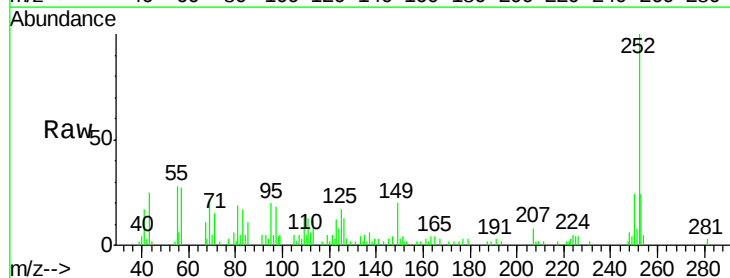
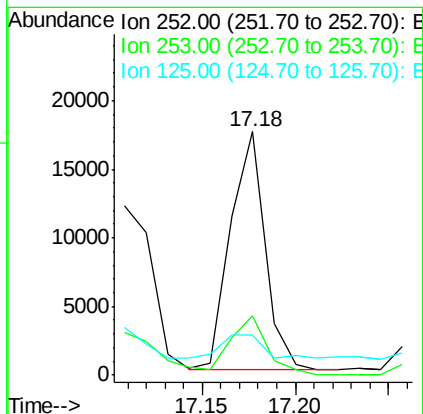
RT: 17.18 min Scan# 1399

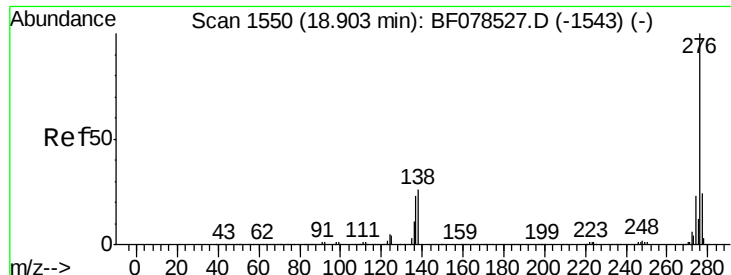
Delta R.T. -0.06 min

Lab File: BF078543.D

Acq: 15 Apr 2015 18:59

Tgt Ion:	252	Resp:	22608
Ion Ratio	Lower	Upper	
252	100		
253	24.3	16.8	25.2
125	16.7	7.4	11.0





#91
 Benzo(g,h,i)perylene
 Concen: 2.66 ng
 RT: 18.78 min Scan# 1539
 Delta R.T. -0.10 min
 Lab File: BF078543.D
 Acq: 15 Apr 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01BRE

Tgt Ion:	276	Resp:	16047
Ion Ratio		Lower	Upper
276	100		
277	25.0	19.0	28.4
138	27.9	19.9	29.9

Manual Integrations
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