

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078490.D
 Acq On : 14 Apr 2015 7:30
 Operator : TP/IZ
 Sample : G1787-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02A

Manual Integrations
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Quant Time: Apr 14 07:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 07:20:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	37579	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	153175	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	77269	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	156142	20.00	ng	0.00
75) Chrysene-d12	15.63	240	166083	20.00	ng	-0.01
86) Perylene-d12	17.31	264	165404	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	187611	82.31	ng	0.01
7) Phenol-d6	6.43	99	238494	83.50	ng	0.00
23) Nitrobenzene-d5	7.53	82	139278	55.11	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	60051	93.71	ng	0.00
44) 2-Fluorobiphenyl	9.75	172	254789	47.13	ng	-0.01
78) Terphenyl-d14	14.37	244	295445	40.20	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.26	163	15215	2.62	ng	100
70) Phenanthrene	12.41	178	24655	2.73	ng	98
74) Fluoranthene	13.87	202	36483	3.83	ng	92
77) Pyrene	14.15	202	28780	2.76	ng	98
83) Bis(2-ethylhexyl)phthalate	15.71	149	39130	6.28	ng	# 96

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

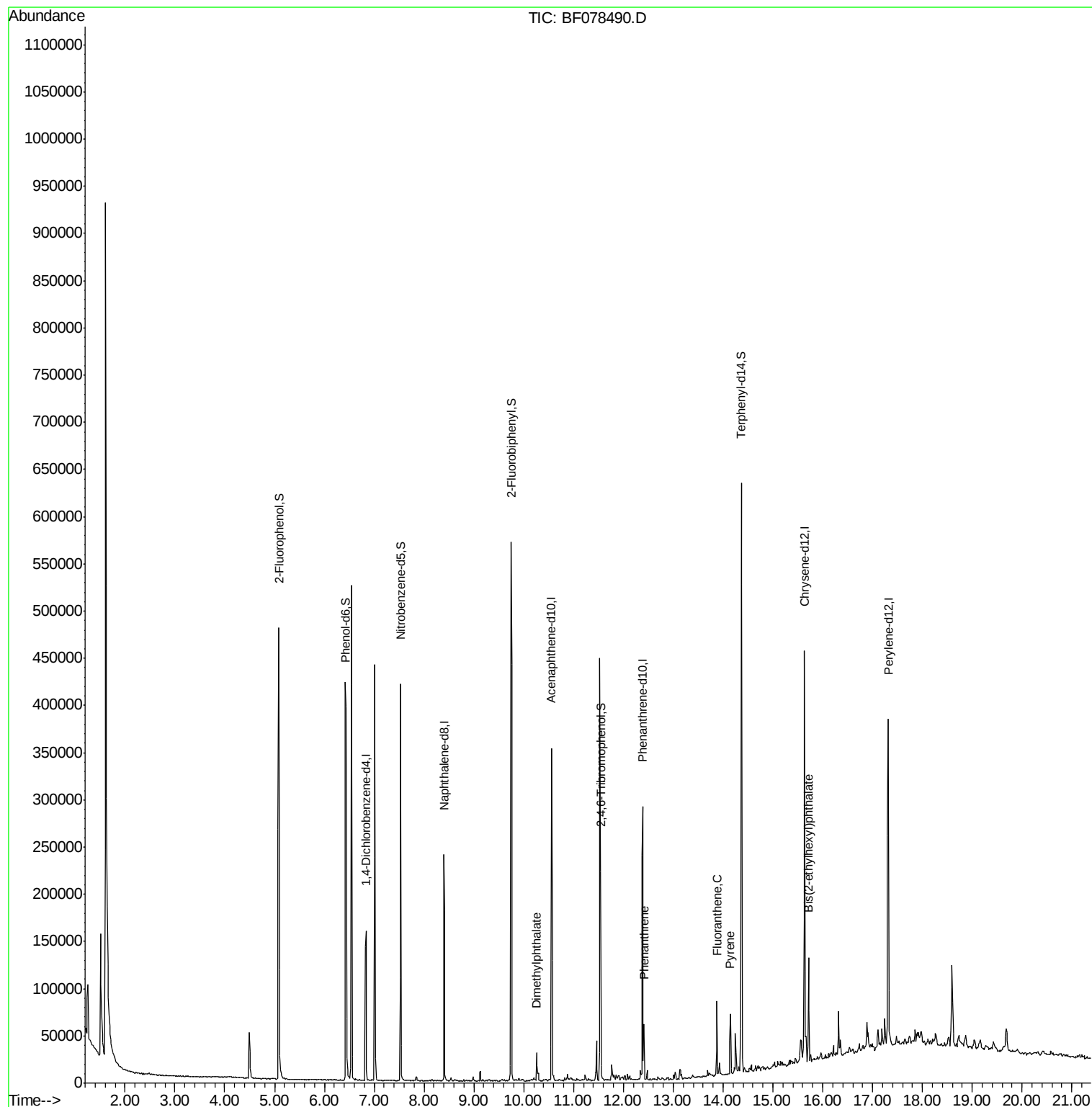
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078490.D
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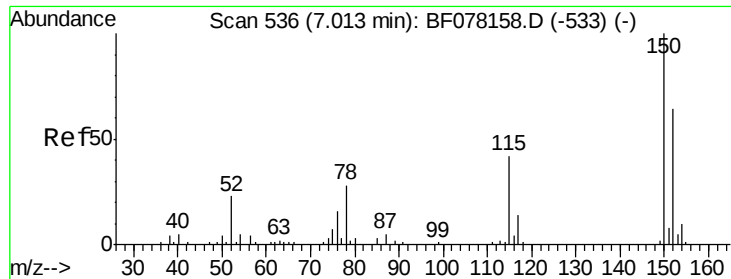
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Apr 14 07:34:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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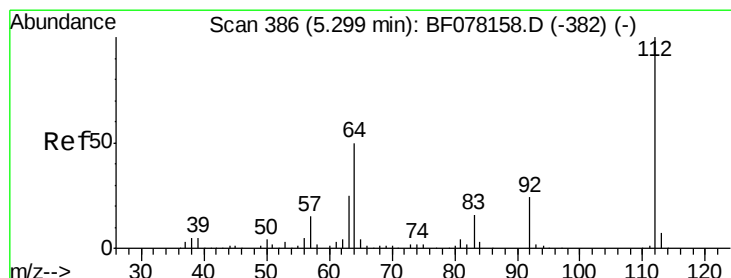
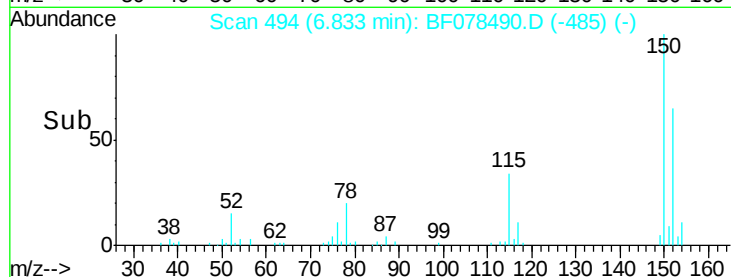
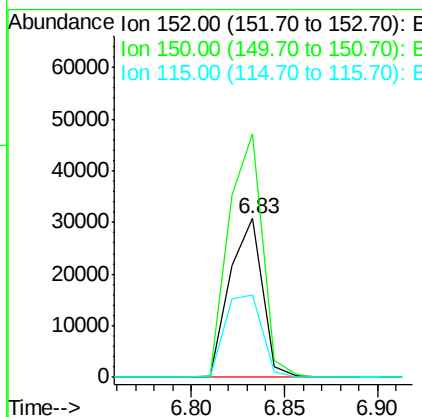
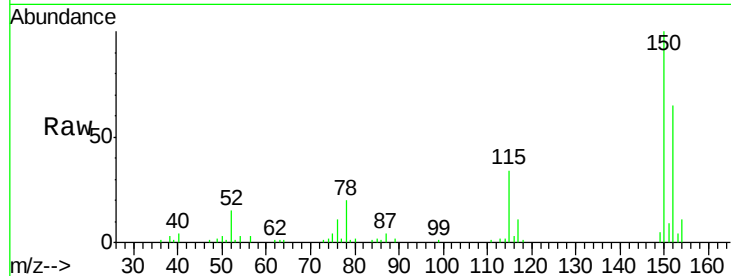
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.9	188.9
115	51.8	52.7	79.1#

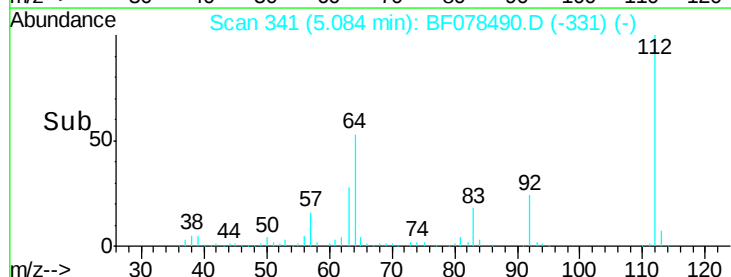
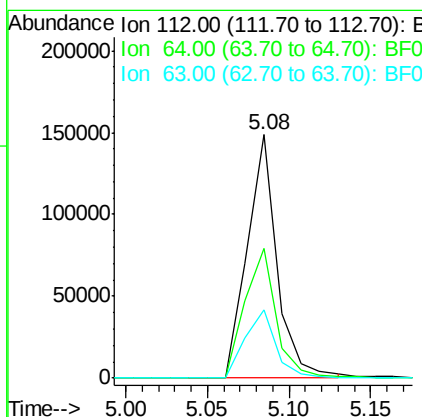
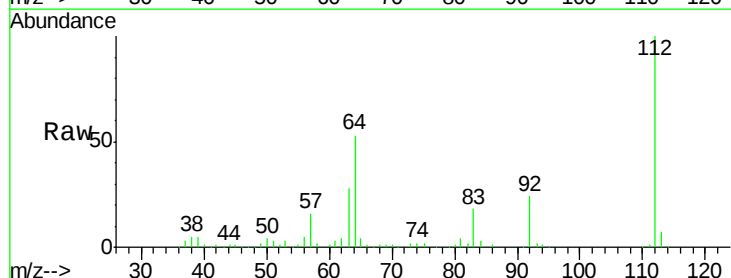
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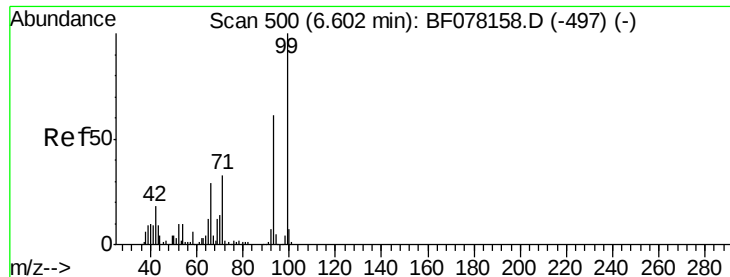
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#5
 2-Fluorophenol
 Concen: 82.31 ng
 RT: 5.08 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	39.9	59.9
63	27.9	20.2	30.4





#7

Phenol-d6

Concen: 83.50 ng

RT: 6.43 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Instrument :

BNA_F

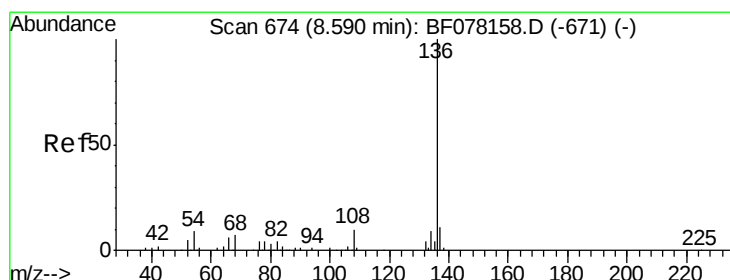
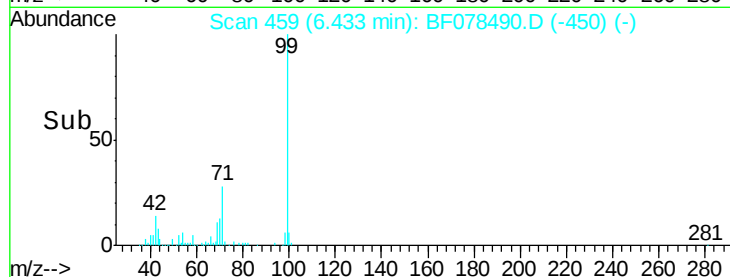
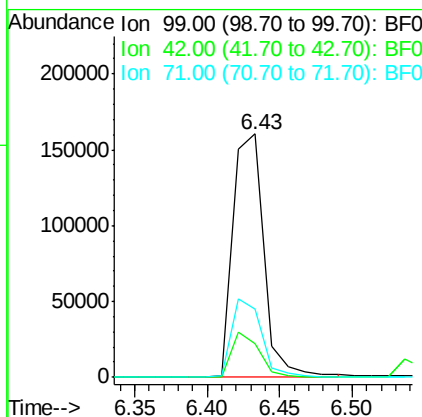
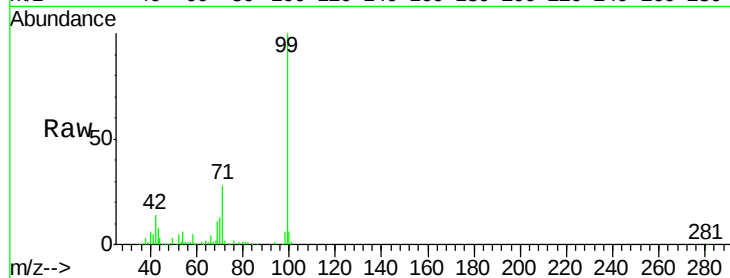
ClientSampleId :

LS-SD02A

Tgt Ion:	99	Resp:	238494
Ion Ratio	Lower	Upper	
99	100		
42	13.9	14.8	22.2#
71	28.3	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

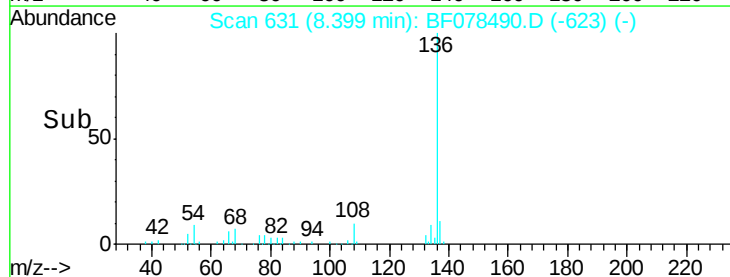
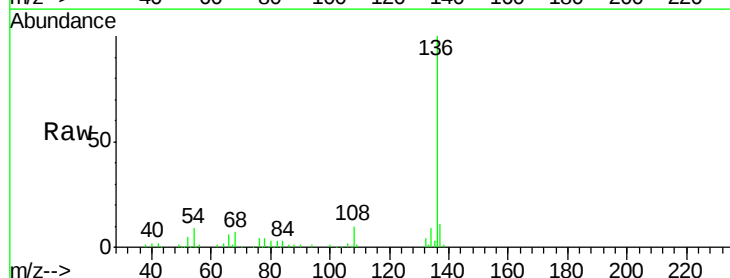
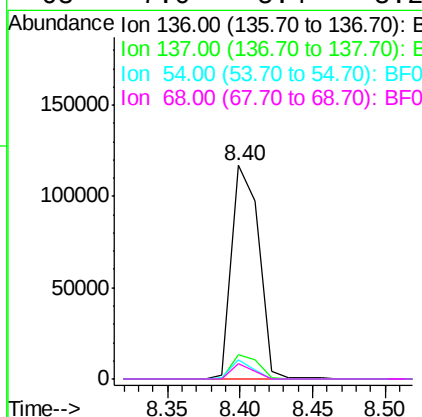
RT: 8.40 min Scan# 631

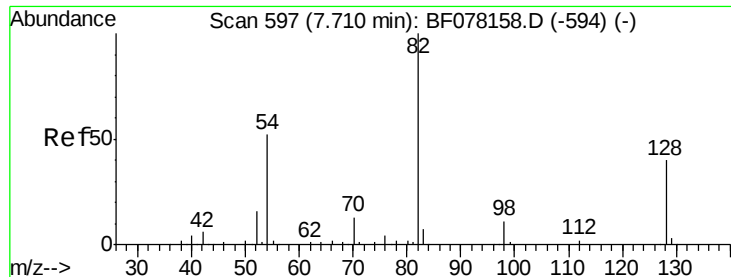
Delta R.T. -0.01 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Tgt Ion:	136	Resp:	153175
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	8.9	7.0	10.6
68	7.0	5.4	8.2





#23

Nitrobenzene-d5

Concen: 55.11 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Instrument :

BNA_F

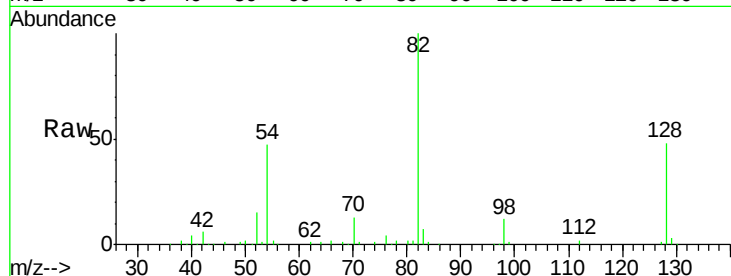
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LS-SD02A

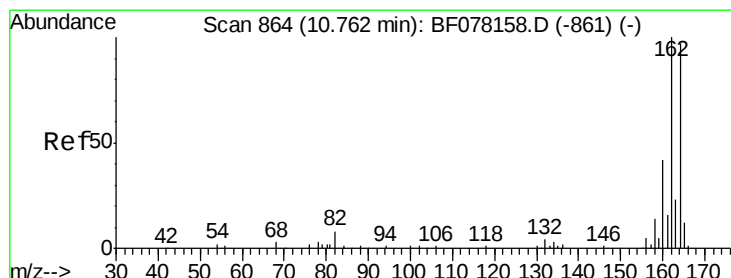
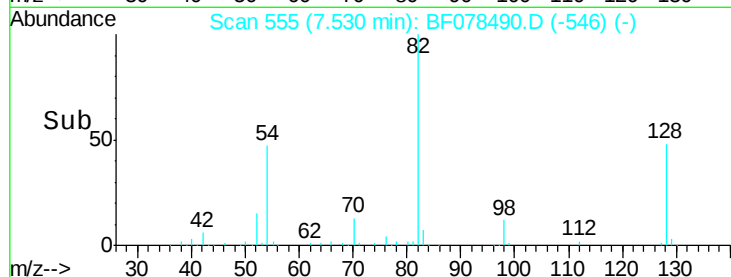
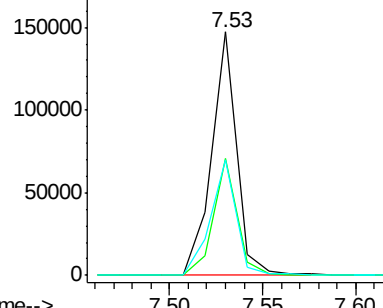
Tgt Ion:	82	Resp:	139278
Ion Ratio	Lower	Upper	
82	100		
128	48.0	31.8	47.8#
54	47.3	41.5	62.3

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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

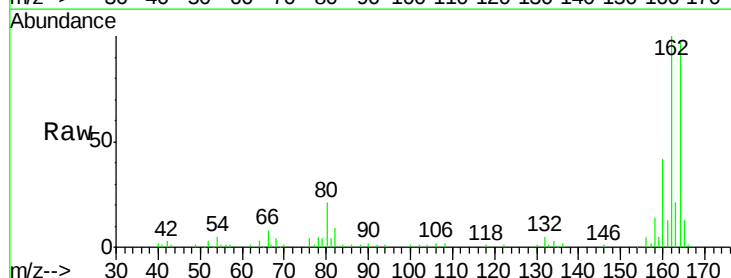
RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

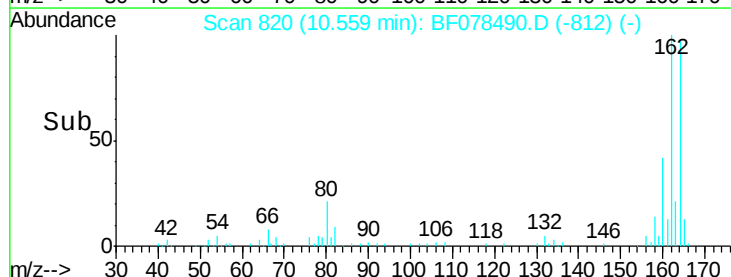
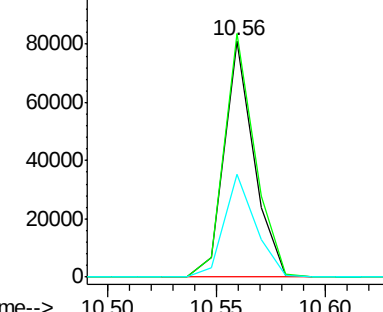
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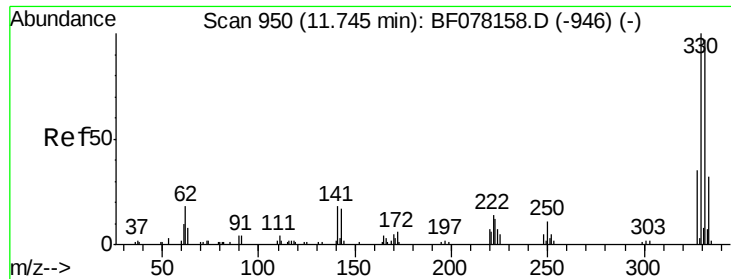
Acq: 14 Apr 2015 7:30

Tgt Ion:	164	Resp:	77269
Ion Ratio	Lower	Upper	
164	100		
162	103.0	82.2	123.2
160	43.7	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





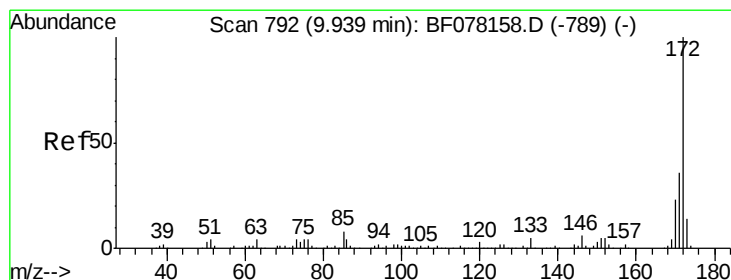
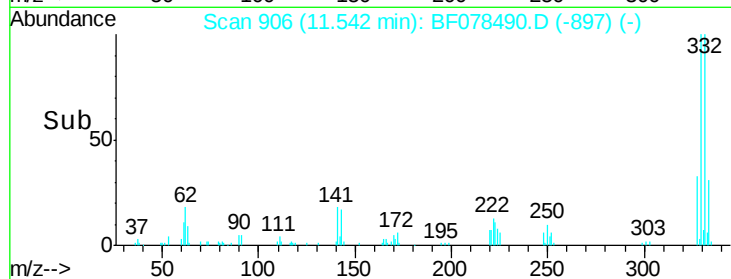
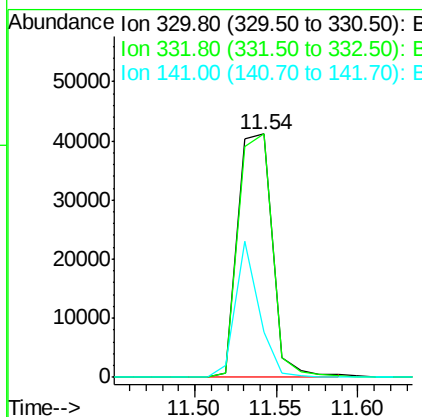
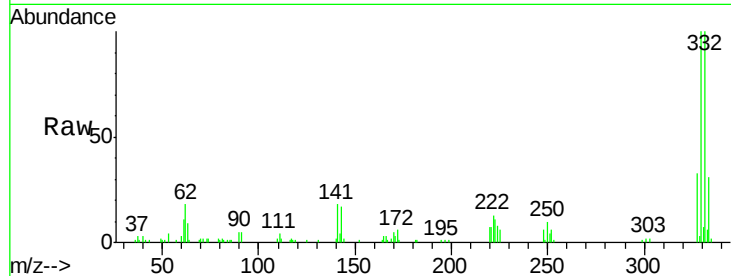
#41
 2,4,6-Tribromophenol
 Concen: 93.71 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Instrument :
 BNA_F
 ClientSampled :
 LS-SD02A

Tgt Ion:	330	Resp:	60051
Ion Ratio	Lower	Upper	
330	100		
332	98.3	78.6	117.8
141	38.6	31.2	46.8

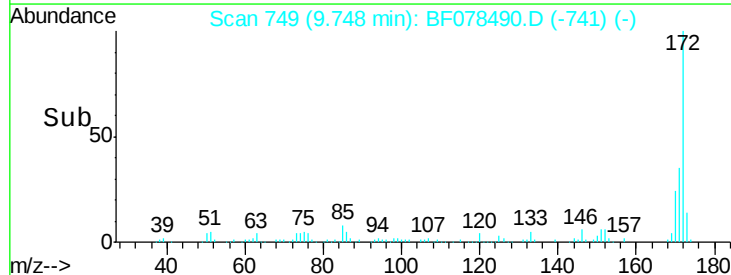
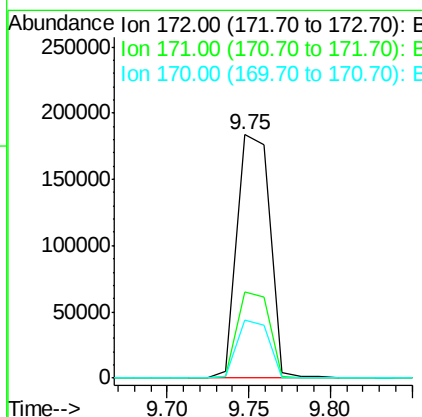
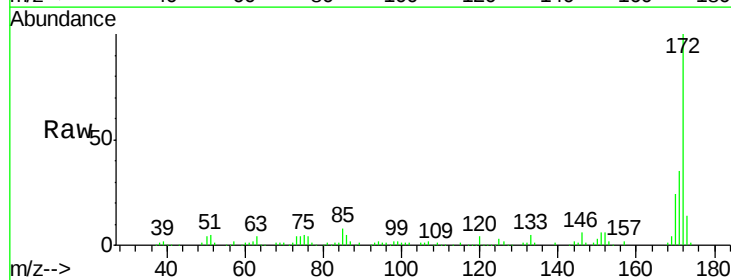
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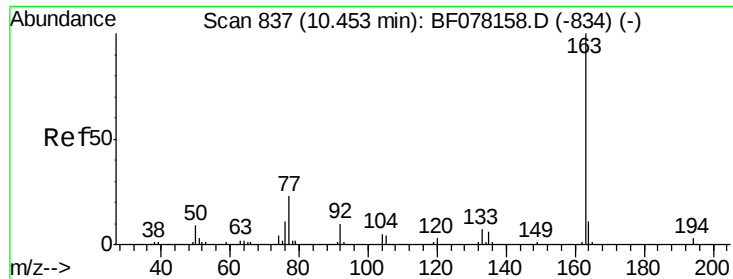
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#44
 2-Fluorobiphenyl
 Concen: 47.13 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Tgt Ion:	172	Resp:	254789
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.6	42.8
170	23.8	18.5	27.7





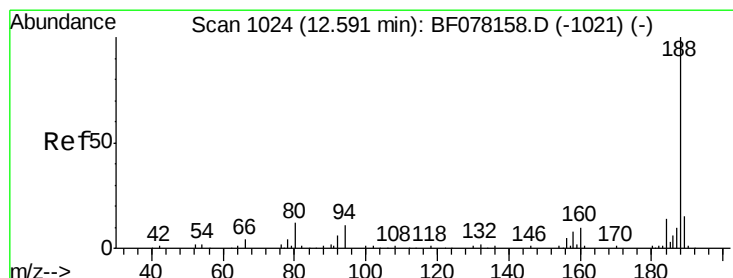
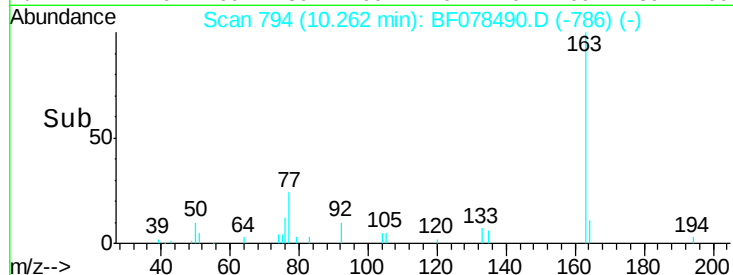
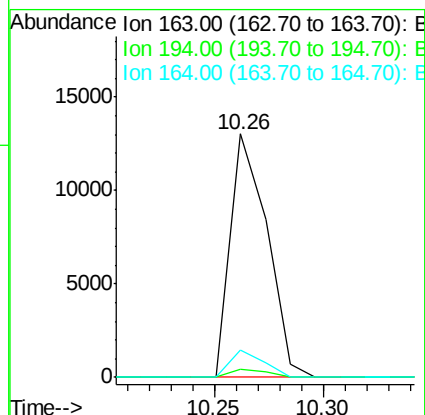
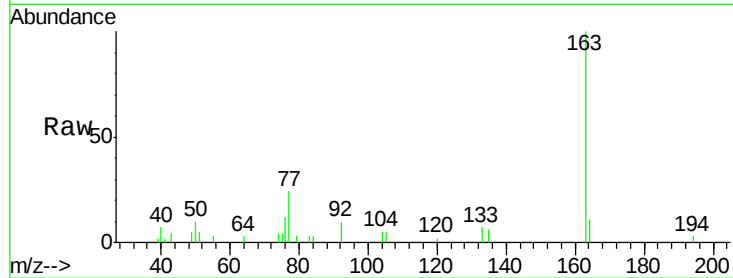
#49
Dimethylphthalate
Concen: 2.62 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF078490.D
Acq: 14 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
LS-SD02A

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.3	3.5
164	11.0	8.6	13.0

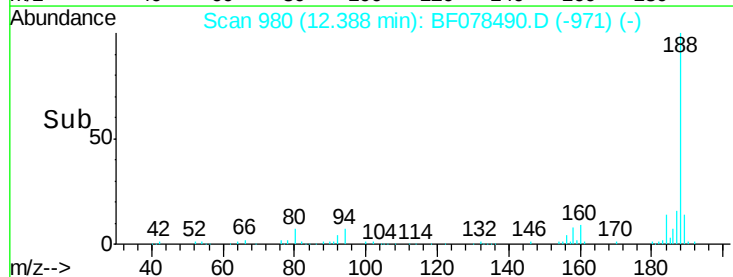
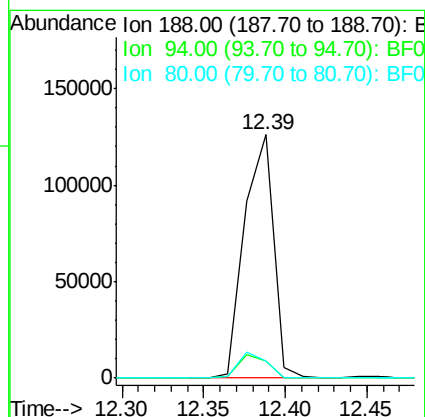
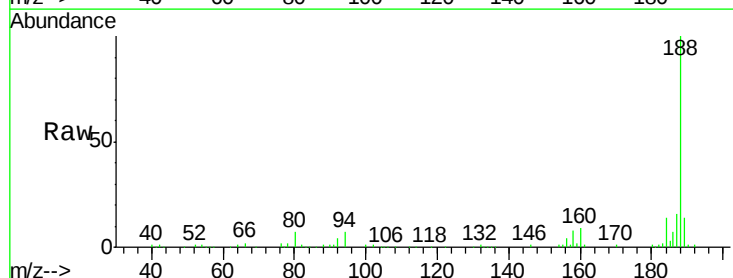
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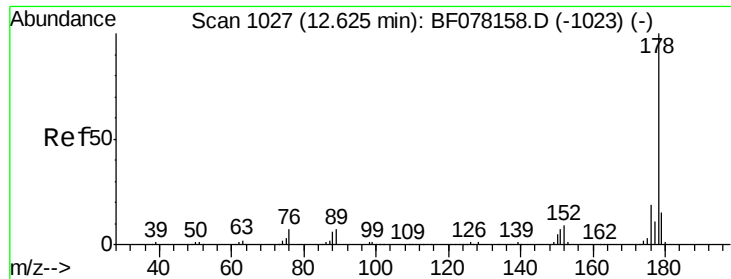
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF078490.D
Acq: 14 Apr 2015 7:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.1	9.0	13.4#
80	7.2	9.5	14.3#





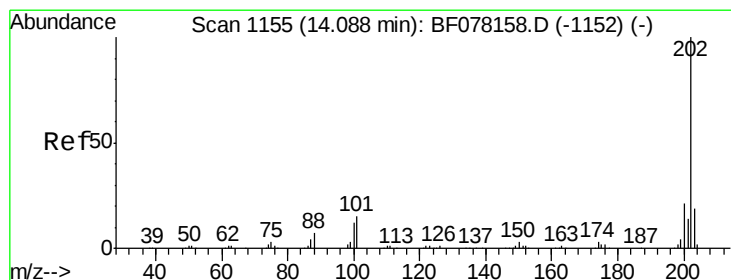
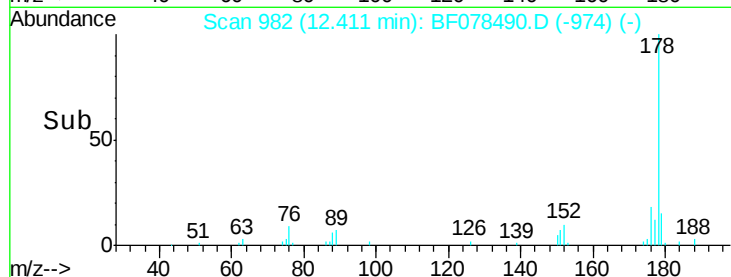
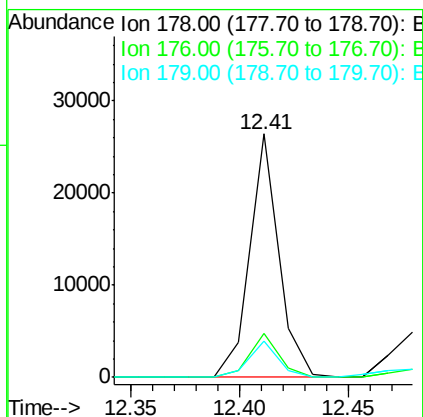
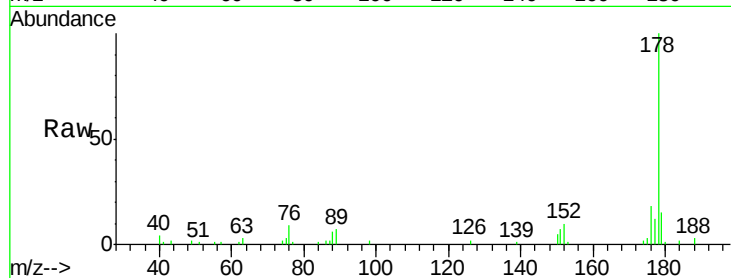
#70
Phenanthrene
Concen: 2.73 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF078490.D
Acq: 14 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
LS-SD02A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.0
179	15.1	12.2	18.2

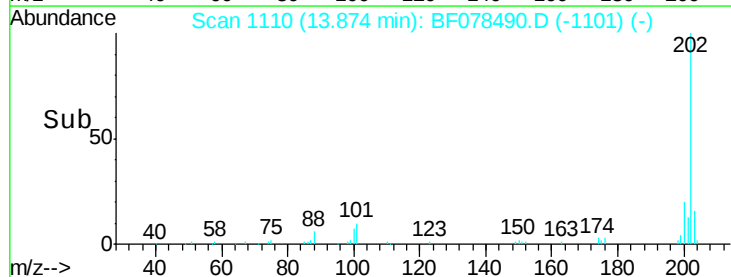
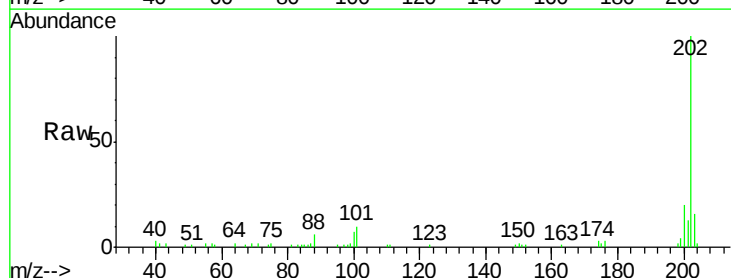
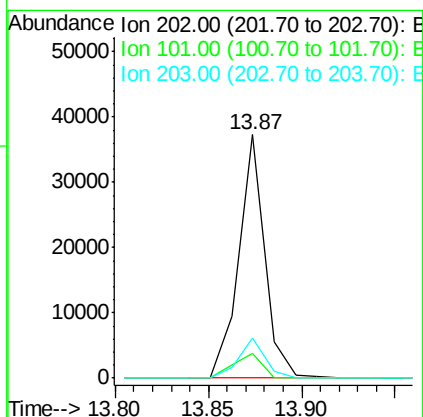
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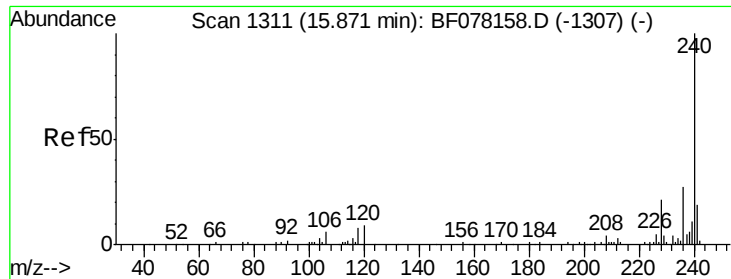
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#74
Fluoranthene
Concen: 3.83 ng
RT: 13.87 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF078490.D
Acq: 14 Apr 2015 7:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	35.2
203	16.4	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Instrument :

BNA_F

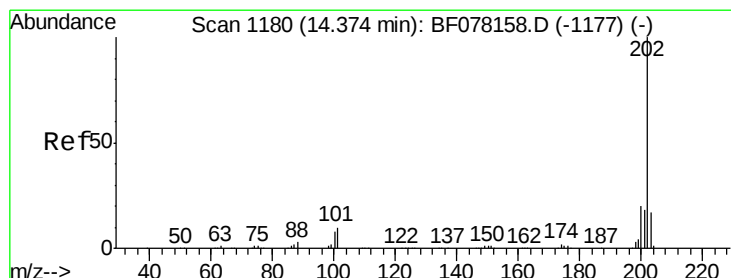
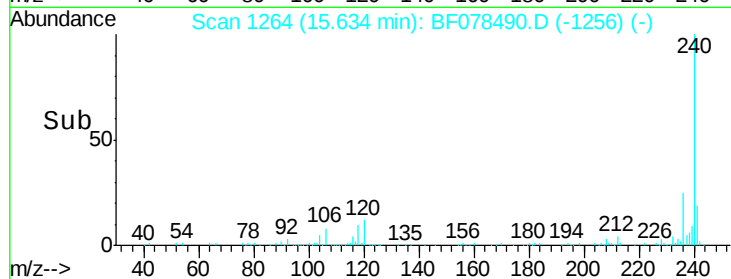
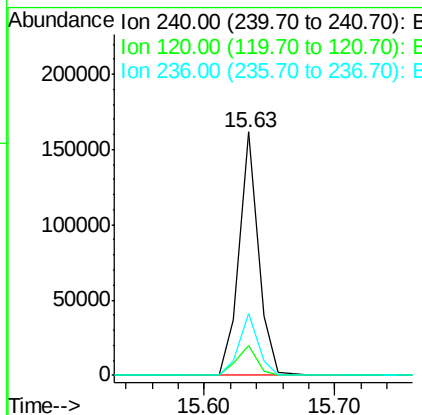
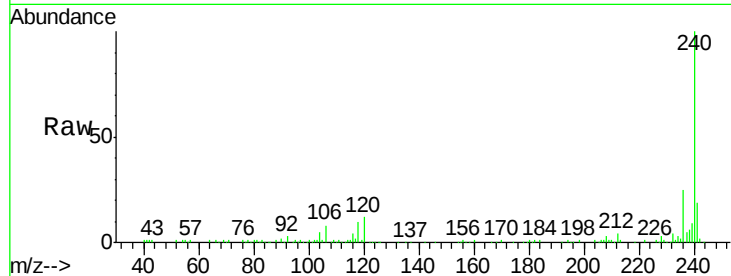
ClientSampleId :

LS-SD02A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	166083		
120	12.0	7.1	10.7#	
236	25.4	21.4	32.2	

Manual Integrations
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#77

Pyrene

Concen: 2.76 ng

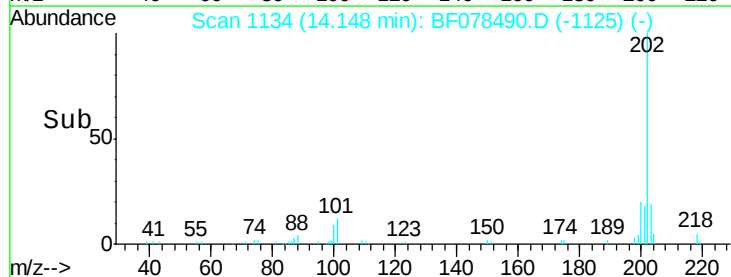
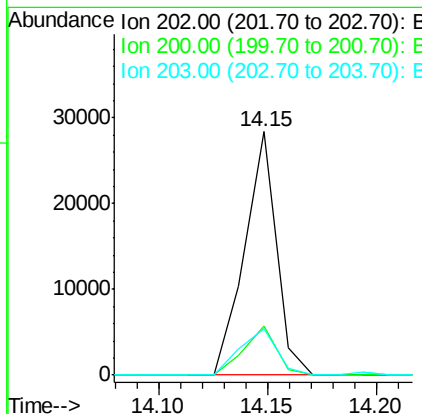
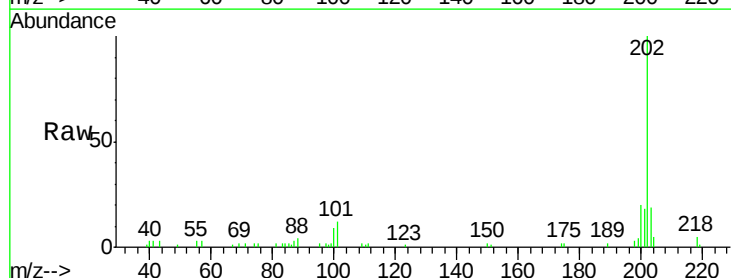
RT: 14.15 min Scan# 1134

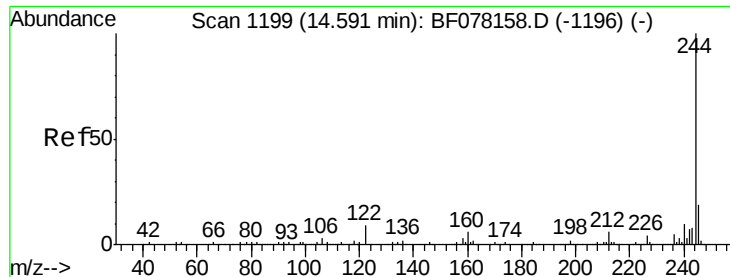
Delta R.T. -0.00 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	28780		
200	20.2	16.3	24.5	
203	19.3	13.8	20.6	





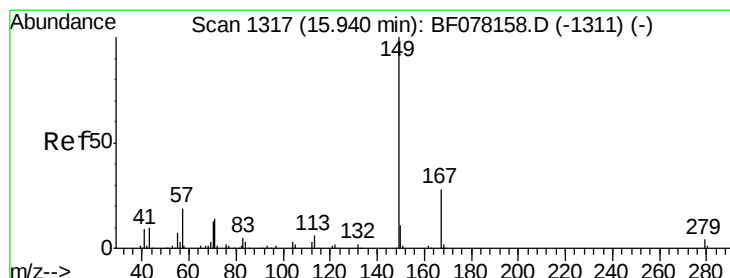
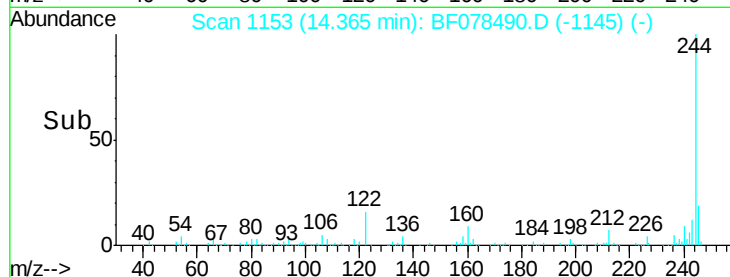
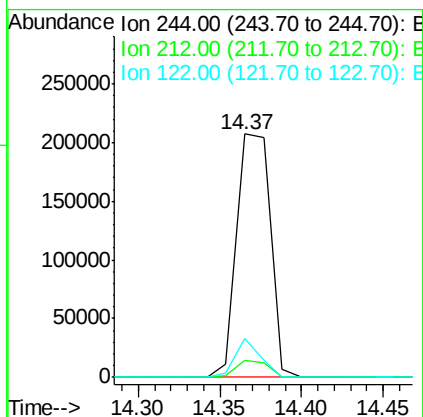
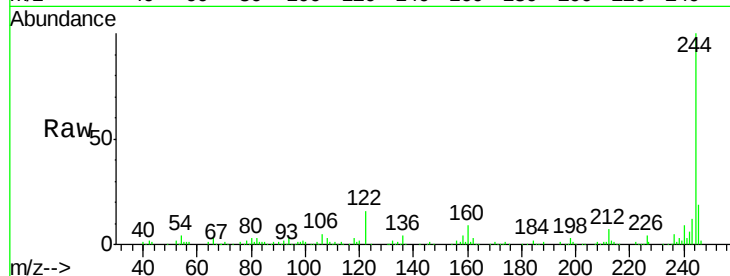
#78
 Terphenyl-d14
 Concen: 40.20 ng
 RT: 14.37 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Instrument :
 BNA_F
 ClientSampled :
 LS-SD02A

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.0	7.4
122	15.7	7.1	10.7

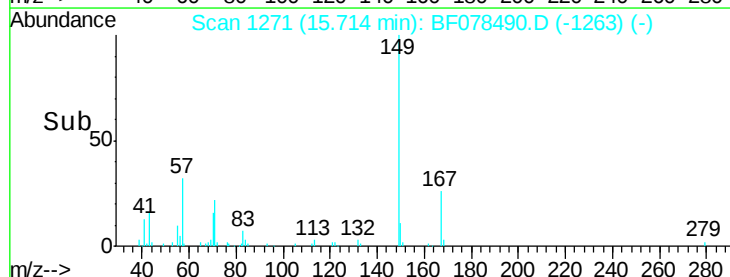
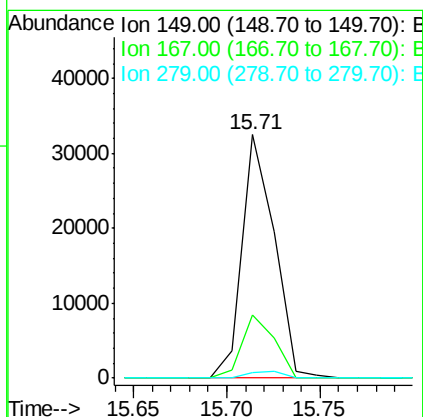
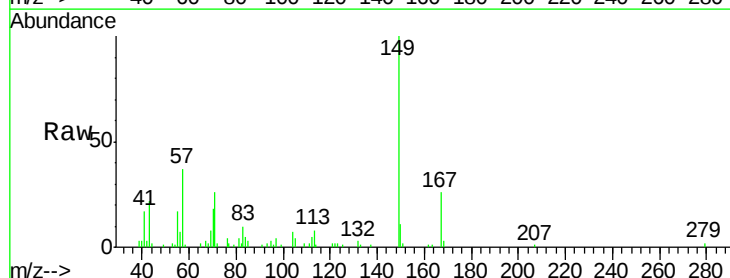
Manual Integrations
 APPROVED

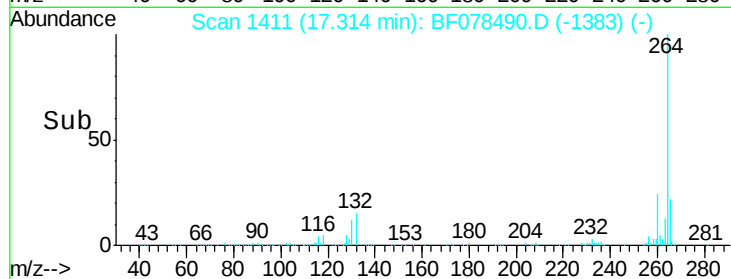
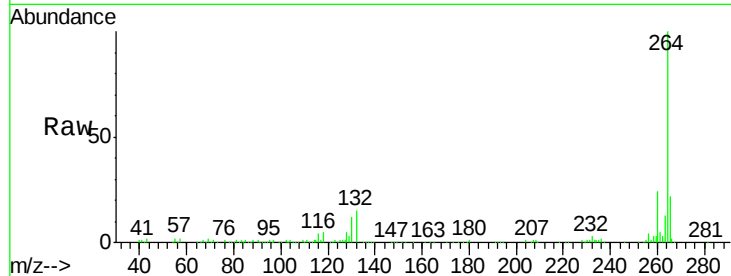
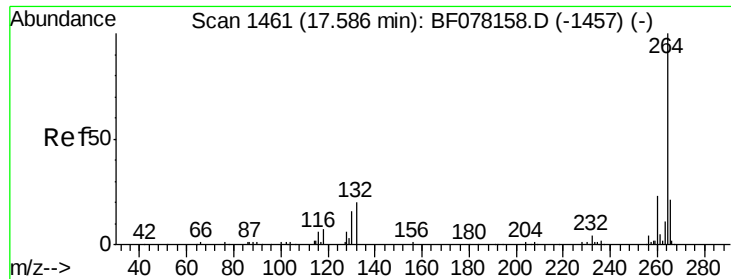
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.28 ng
 RT: 15.71 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	26.0	22.2	33.2
279	2.2	3.2	4.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.31 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF078490.D
Acq: 14 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
LS-SD02A

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		165404		
260	23.6	18.6	27.8		
265	21.9	17.0	25.6		

Manual Integrations
APPROVED

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