

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078548.D
 Acq On : 15 Apr 2015 21:21
 Operator : TP/IZ
 Sample : G1787-08RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03BRE

Manual Integrations
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Quant Time: Apr 16 02:14:00 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	31200	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	126565	20.00	ng	-0.01
38) Acenaphthene-d10	10.44	164	62423	20.00	ng	0.00
63) Phenanthrene-d10	12.27	188	116992	20.00	ng	0.00
75) Chrysene-d12	15.53	240	121280	20.00	ng	0.00
86) Perylene-d12	17.27	264	122133	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	246367	130.19	ng	0.01
7) Phenol-d6	6.32	99	315184	132.90	ng	0.01
23) Nitrobenzene-d5	7.42	82	176173	84.37	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	66769	128.97	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	228989	52.44	ng	0.00
78) Terphenyl-d14	14.26	244	238138	44.37	ng	0.00
Target Compounds						
10) Phenol	6.33	94	9270	3.26	ng	# 50
49) Dimethylphthalate	10.16	163	19713	4.20	ng	# 97
70) Phenanthrene	12.30	178	36747	5.43	ng	98
74) Fluoranthene	13.76	202	43856	6.14	ng	94
77) Pyrene	14.03	202	38717	5.09	ng	97
82) Chrysene	15.55	228	17950	2.65	ng	96
83) Bis(2-ethylhexyl)phthalate	15.62	149	214346	47.10	ng	# 95
87) Benzo(b)fluoranthene	16.82	252	21250m	2.82	ng	

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

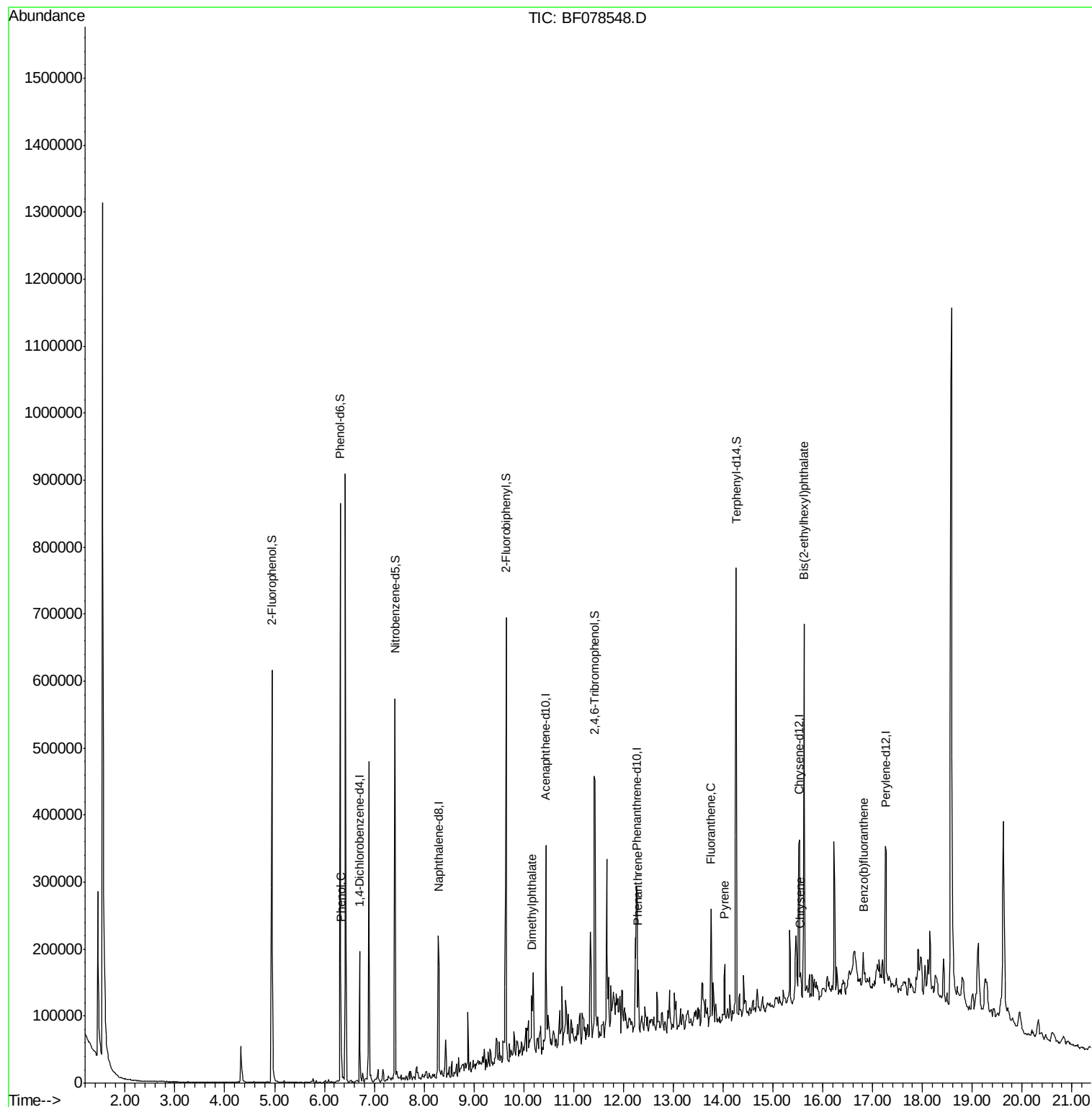
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078548.D
Acq On : 15 Apr 2015 21:21
Operator : TP/IZ
Sample : G1787-08RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

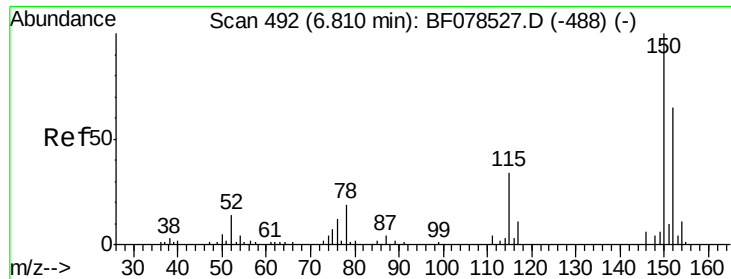
Instrument :
BNA_F
ClientSampleId :
LS-SD03BRE

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Quant Time: Apr 16 02:14:00 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





#1

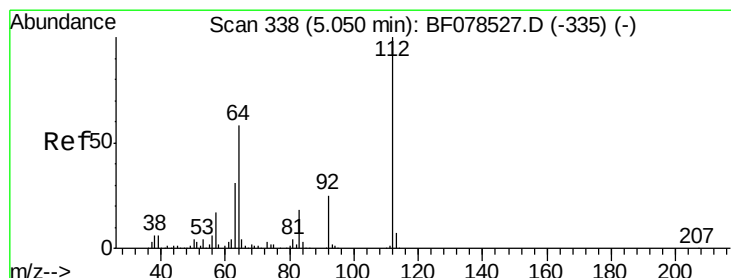
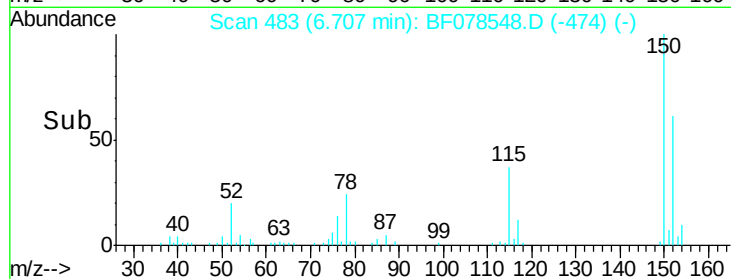
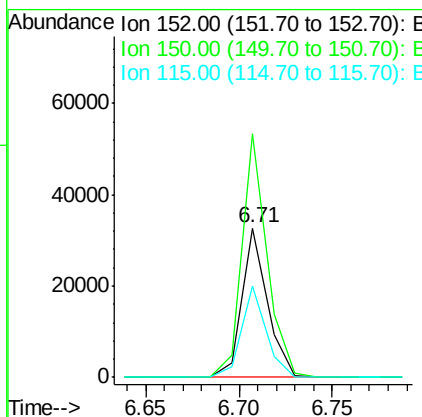
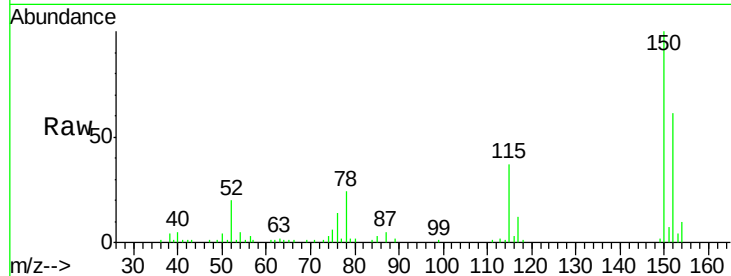
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF078548.D
Acq: 15 Apr 2015 21:21

Instrument :
BNA_F
ClientSampleId :
LS-SD03BRE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.1	125.9	188.9
115	60.8	52.7	79.1

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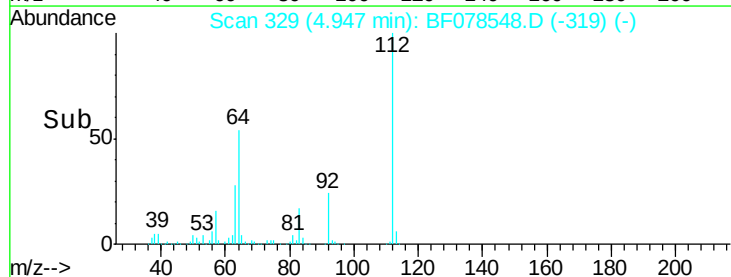
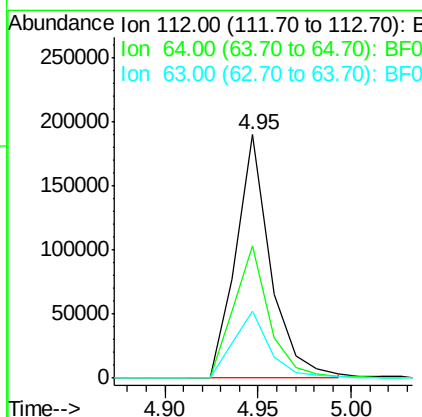
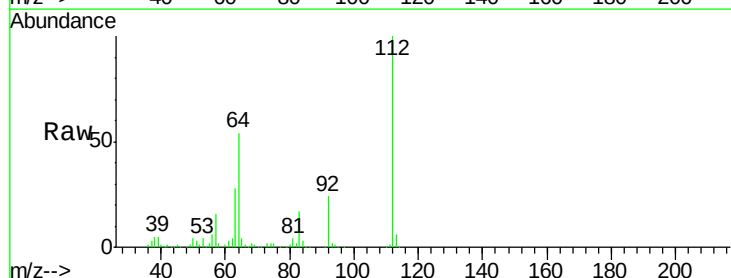
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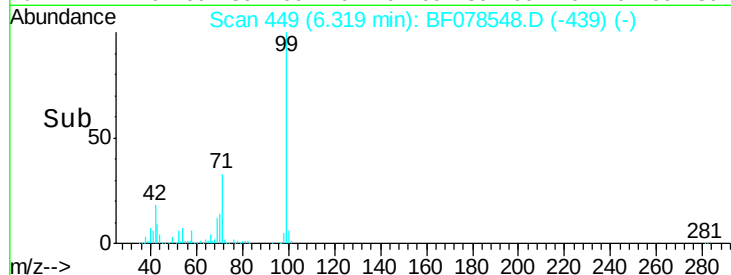
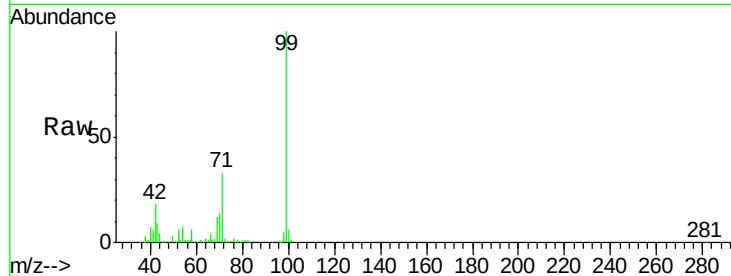
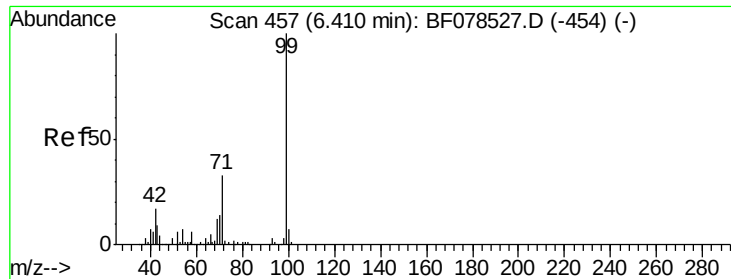


#5

2-Fluorophenol
Concen: 130.19 ng
RT: 4.95 min Scan# 329
Delta R.T. 0.01 min
Lab File: BF078548.D
Acq: 15 Apr 2015 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	39.9	59.9
63	27.7	20.2	30.4





#7

Phenol-d6

Concen: 132.90 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078548.D

Acq: 15 Apr 2015 21:21

Tgt Ion:	99	Resp:	315184
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.8	22.2
71	33.5	26.6	39.8

Instrument :

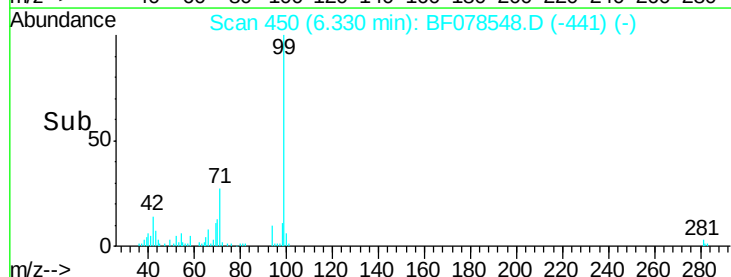
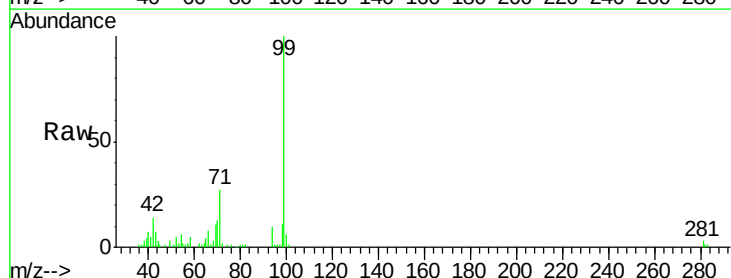
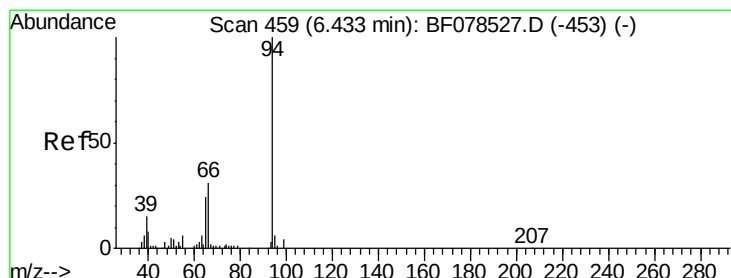
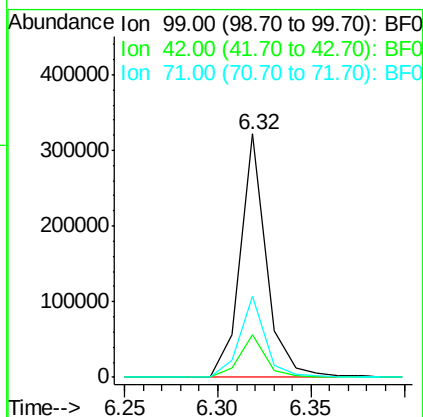
BNA_F

ClientSampleId :

LS-SD03BRE

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#10

Phenol

Concen: 3.26 ng

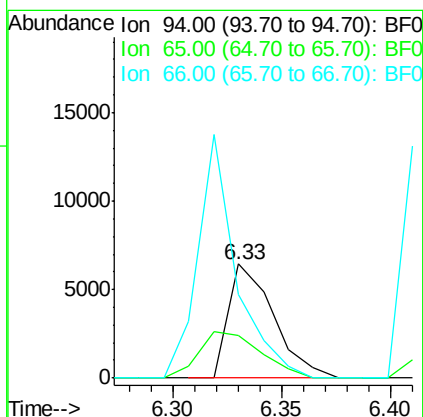
RT: 6.33 min Scan# 450

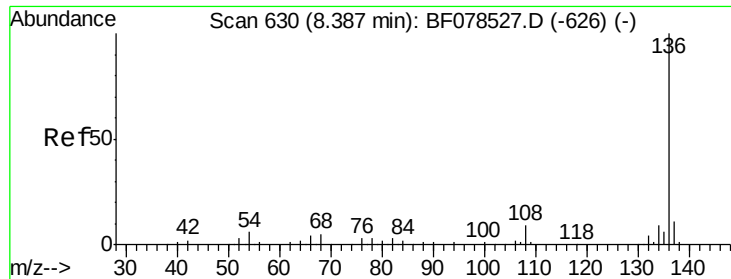
Delta R.T. -0.00 min

Lab File: BF078548.D

Acq: 15 Apr 2015 21:21

Tgt Ion:	94	Resp:	9270
Ion Ratio	Lower	Upper	
94	100		
65	37.2	4.9	44.9
66	73.6	13.8	53.8#





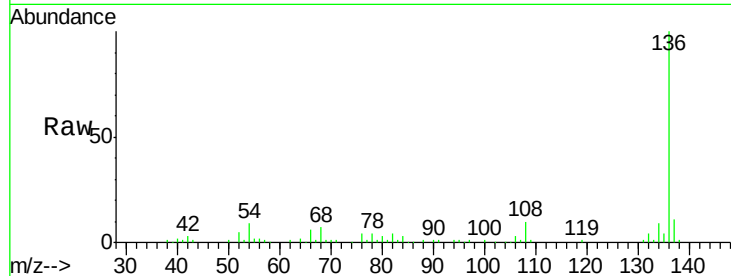
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF078548.D
Acq: 15 Apr 2015 21:21

Instrument :
BNA_F
ClientSampleId :
LS-SD03BRE

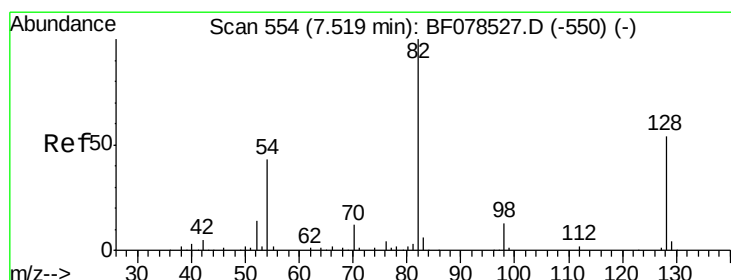
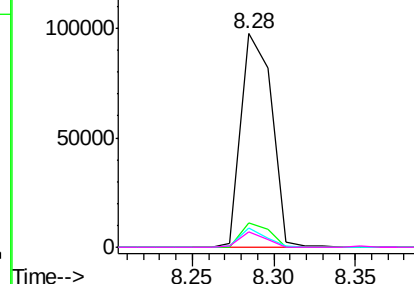
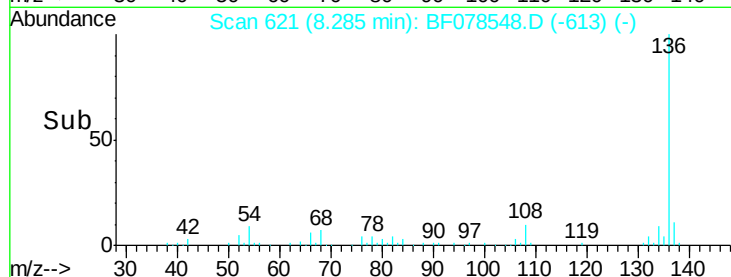
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	9.0	13.4
54	9.1	7.0	10.6
68	7.3	5.4	8.2

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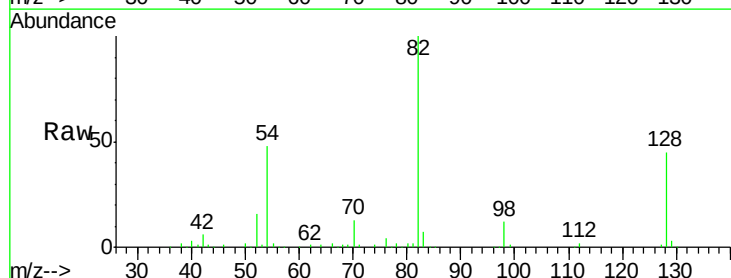


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

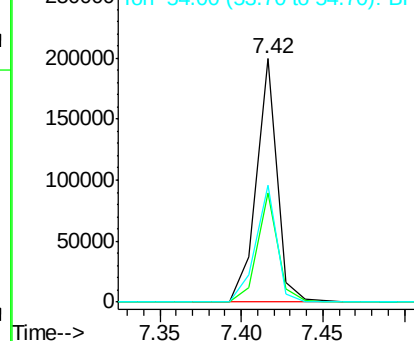
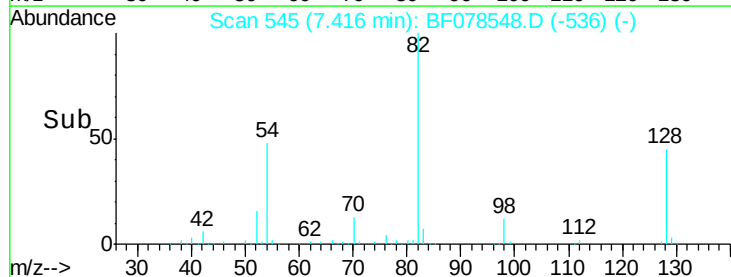


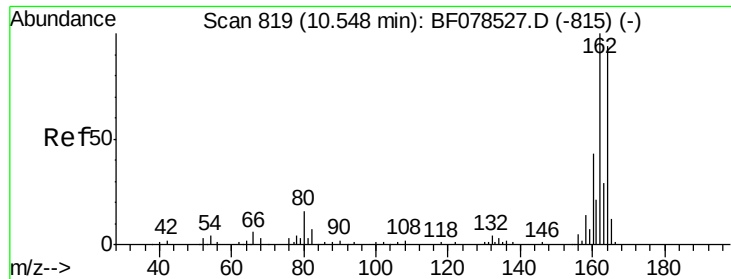
#23
Nitrobenzene-d5
Concen: 84.37 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF078548.D
Acq: 15 Apr 2015 21:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	45.0	31.8	47.8
54	47.8	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: BF078548.D

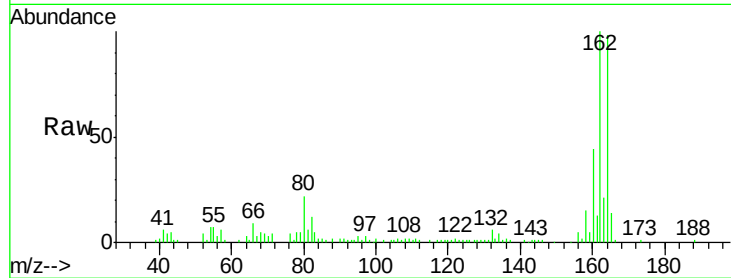
Acq: 15 Apr 2015 21:21

Instrument :

BNA_F

ClientSampleId :

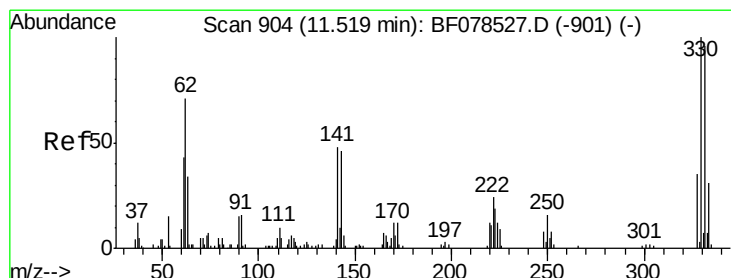
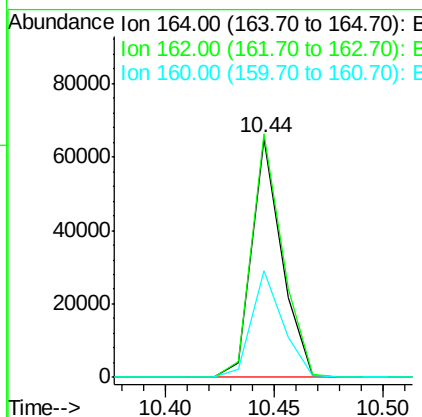
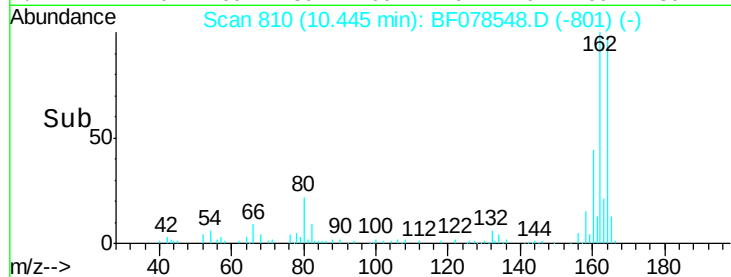
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Tgt Ion:	164	Resp:	62423
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.2	123.2
160	44.6	34.7	52.1

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#41

2,4,6-Tribromophenol

Concen: 128.97 ng

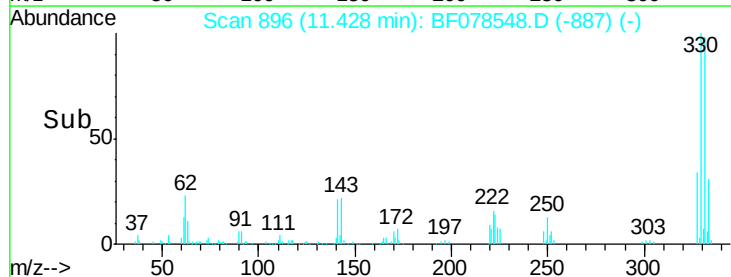
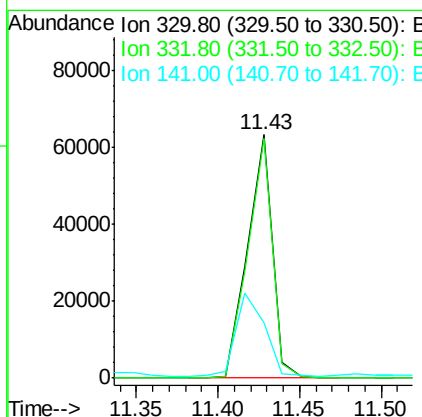
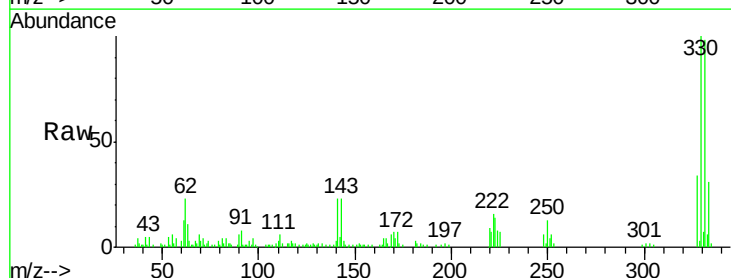
RT: 11.43 min Scan# 896

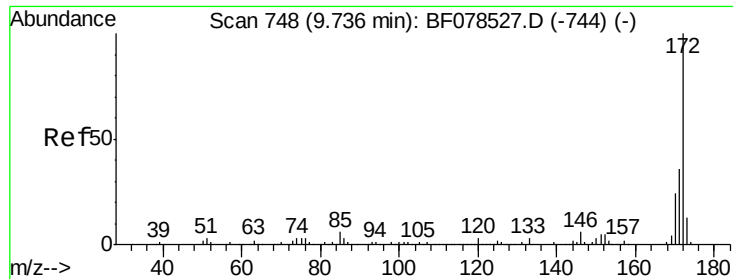
Delta R.T. -0.00 min

Lab File: BF078548.D

Acq: 15 Apr 2015 21:21

Tgt Ion:	330	Resp:	66769
Ion Ratio	Lower	Upper	
330	100		
332	97.6	78.6	117.8
141	39.4	31.2	46.8





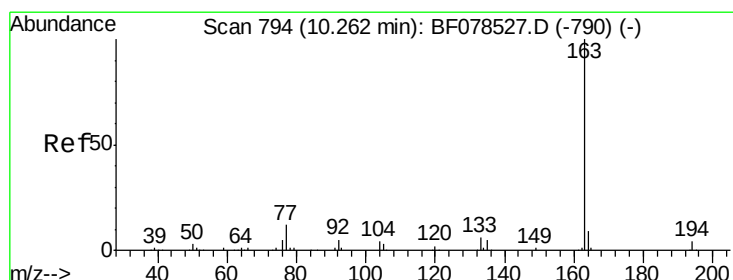
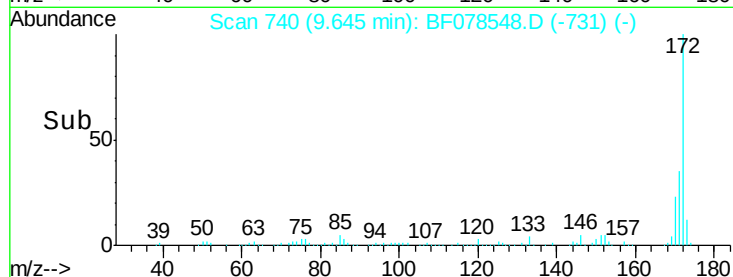
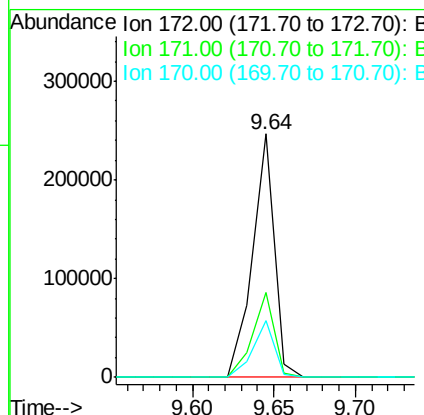
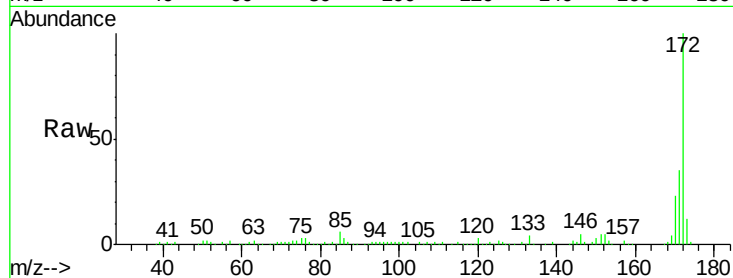
#44
2-Fluorobiphenyl
Concen: 52.44 ng
RT: 9.64 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF078548.D
Acq: 15 Apr 2015 21:21

Instrument :
BNA_F
ClientSampleId :
LS-SD03BRE

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	228989		
171	35.1	28.6	42.8	
170	23.1	18.5	27.7	

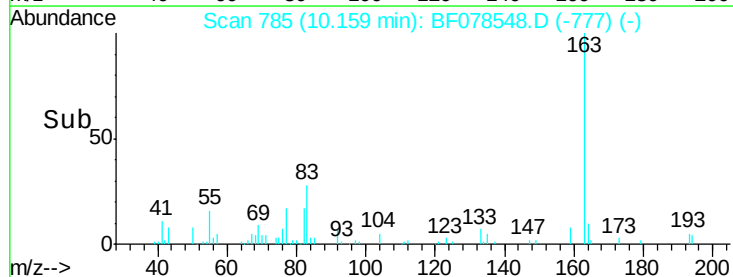
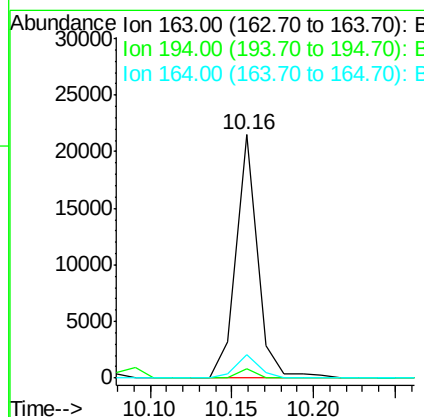
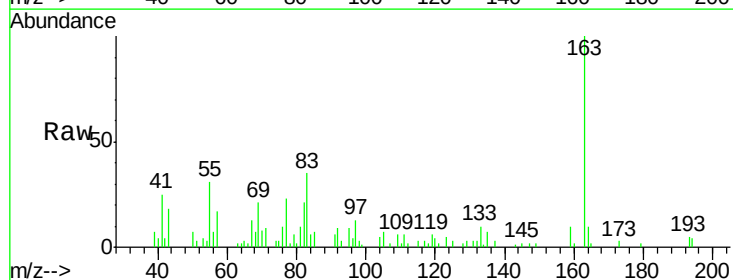
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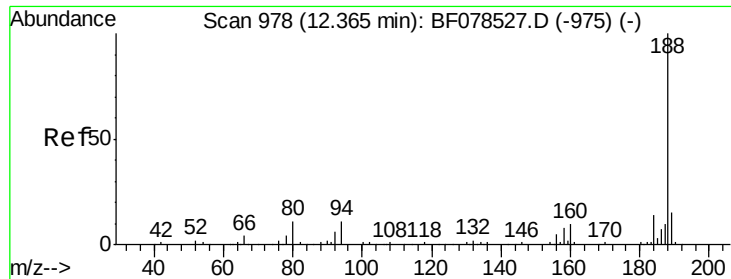
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#49
Dimethylphthalate
Concen: 4.20 ng
RT: 10.16 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF078548.D
Acq: 15 Apr 2015 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	19713		
194	3.9	2.3	3.5#	
164	9.9	8.6	13.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF078548.D

Acq: 15 Apr 2015 21:21

Instrument :

BNA_F

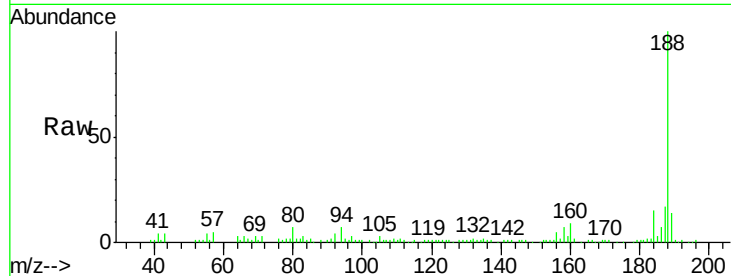
ClientSampleId :

LS-SD03BRE

Tgt Ion:	188	Resp:	116992
Ion Ratio	Lower	Upper	
188	100		
94	6.7	9.0	13.4#
80	6.8	9.5	14.3#

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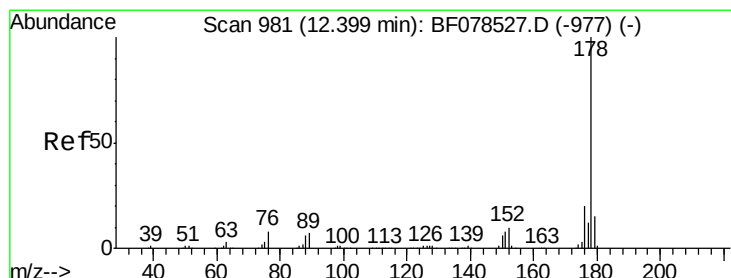
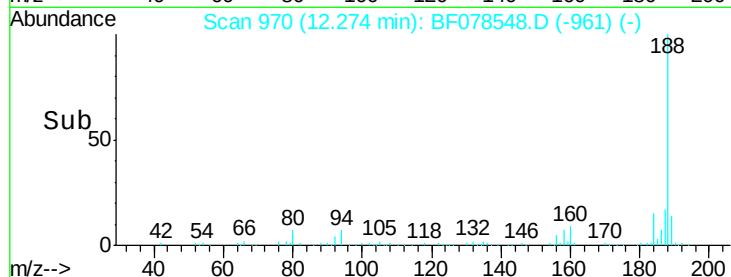
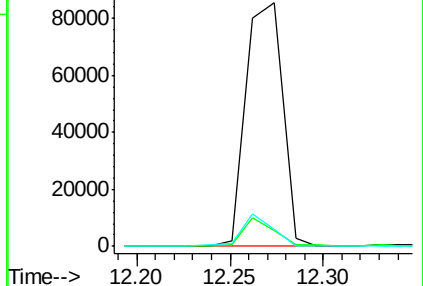
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 5.43 ng

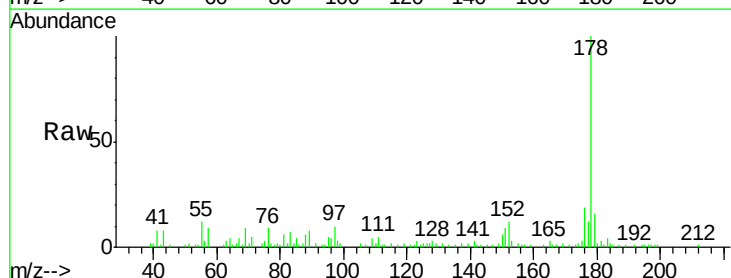
RT: 12.30 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF078548.D

Acq: 15 Apr 2015 21:21

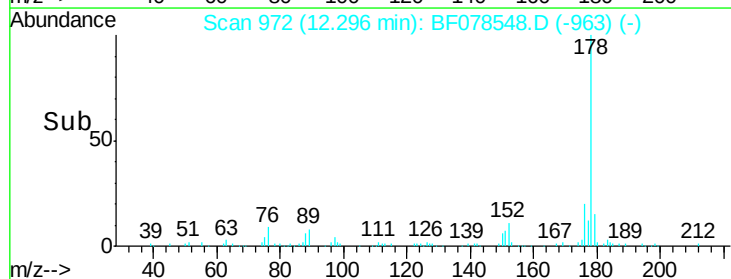
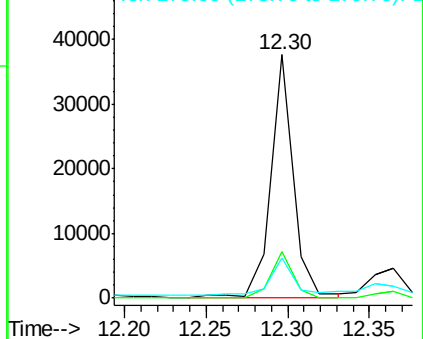
Tgt Ion:	178	Resp:	36747
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.0
179	16.5	12.2	18.2

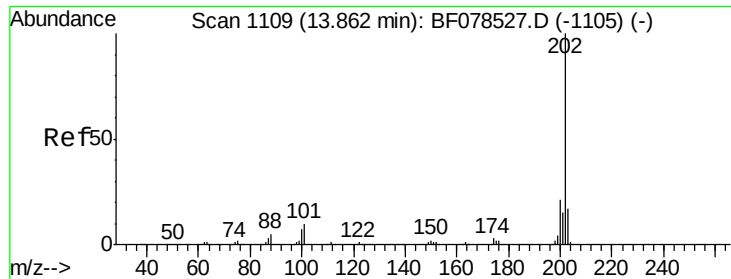


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 6.14 ng

RT: 13.76 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF078548.D

Acq: 15 Apr 2015 21:21

Instrument :

BNA_F

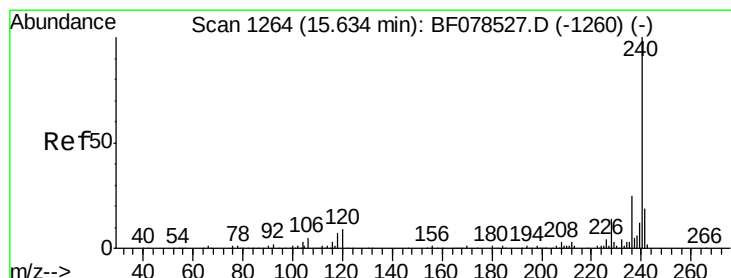
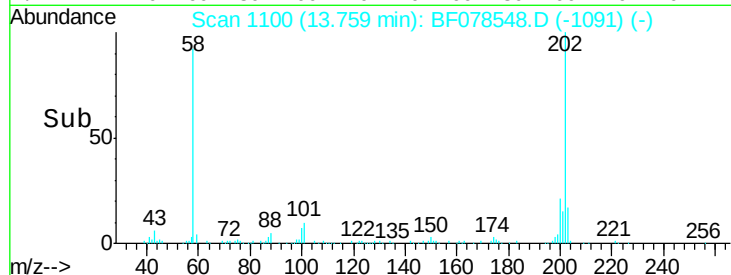
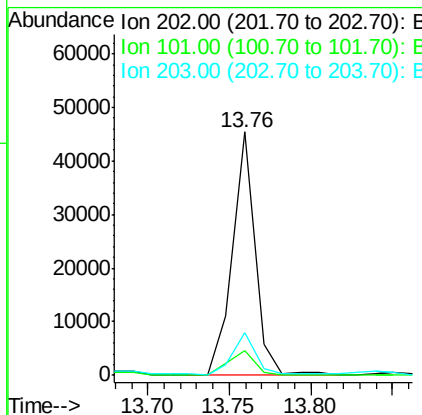
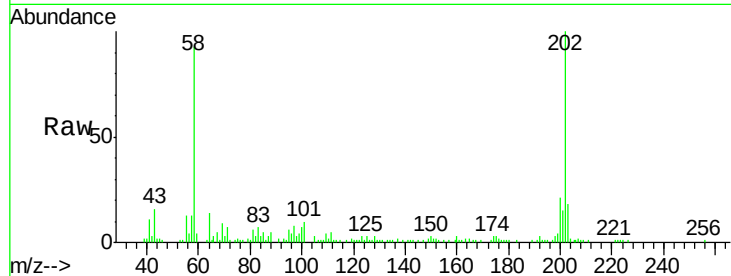
ClientSampleId :

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Tgt	Ion	202	Resp:	43856
Ion	Ratio	Lower	Upper	
202	100			
101	10.1	0.0	35.2	
203	17.7	0.0	38.5	

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#75

Chrysene-d12

Concen: 20.00 ng

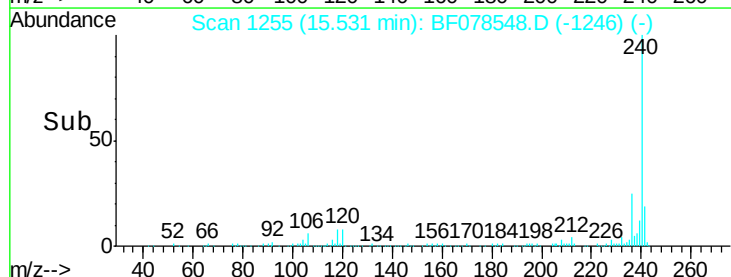
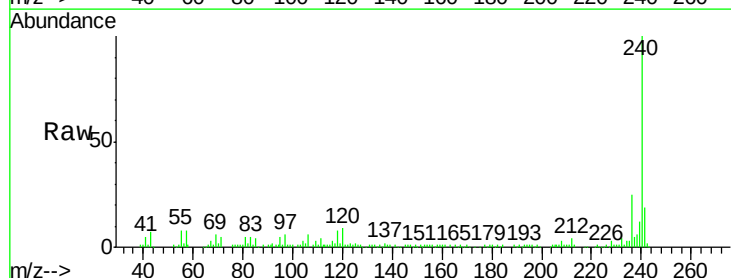
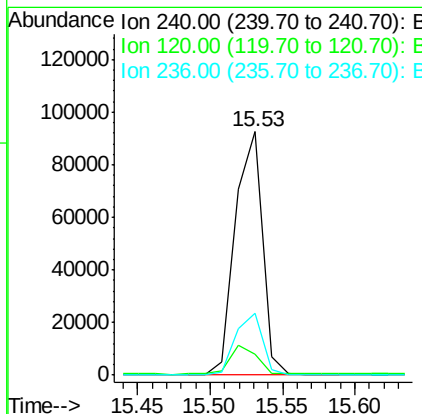
RT: 15.53 min Scan# 1255

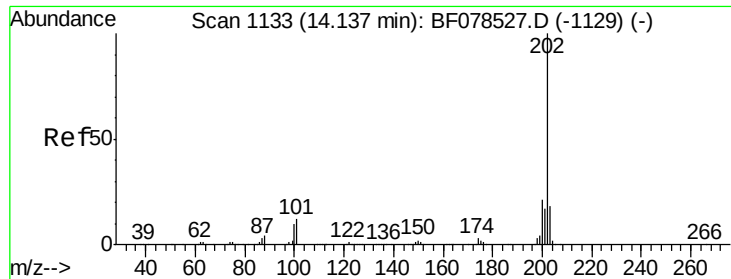
Delta R.T. -0.00 min

Lab File: BF078548.D

Acq: 15 Apr 2015 21:21

Tgt	Ion	240	Resp:	121280
Ion	Ratio	Lower	Upper	
240	100			
120	8.7	7.1	10.7	
236	25.2	21.4	32.2	





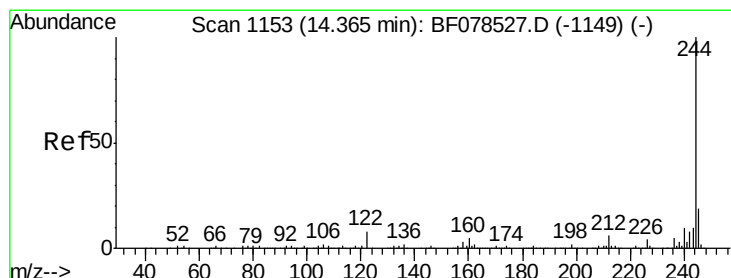
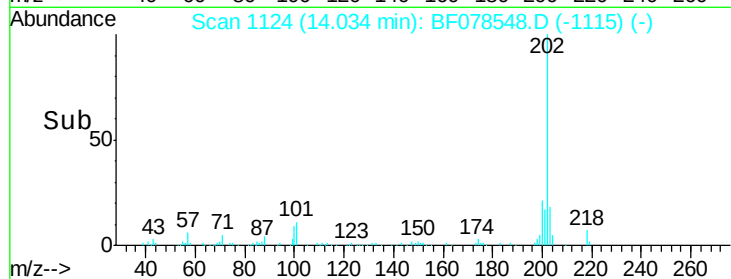
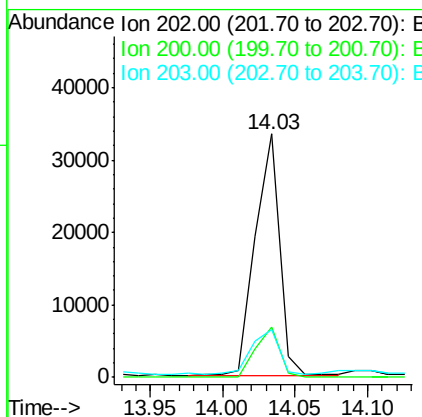
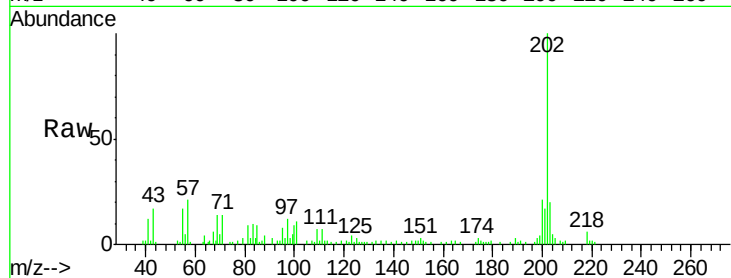
#77
 Pyrene
 Concen: 5.09 ng
 RT: 14.03 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF078548.D
 Acq: 15 Apr 2015 21:21

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03BRE

Tgt Ion:	202	Resp:	38717
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.3	24.5
203	19.7	13.8	20.6

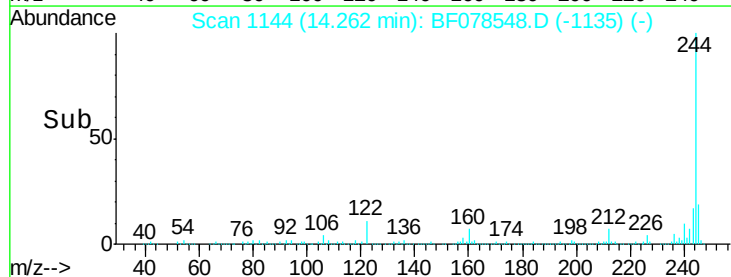
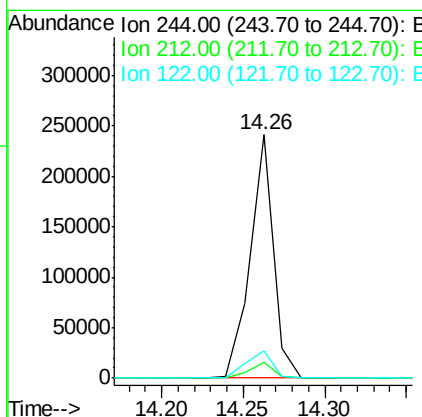
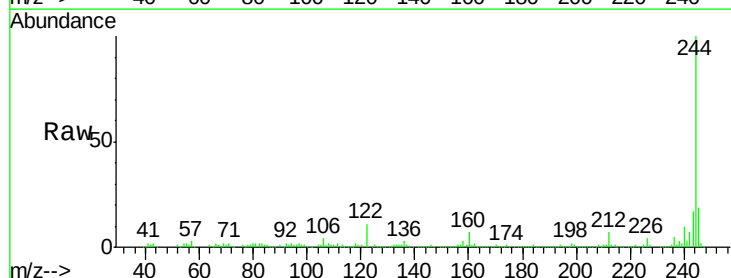
Manual Integrations
 APPROVED

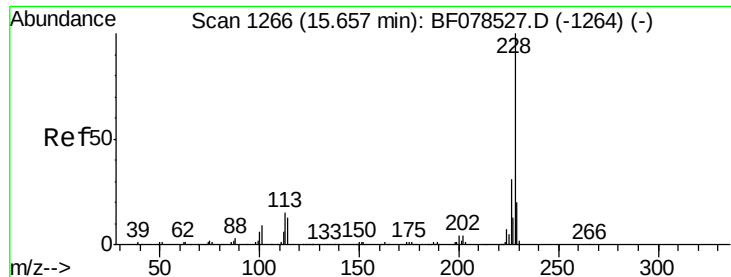
apatel
 4/16/2015 3:27:25 PM



#78
 Terphenyl-d14
 Concen: 44.37 ng
 RT: 14.26 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF078548.D
 Acq: 15 Apr 2015 21:21

Tgt Ion:	244	Resp:	238138
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.0	7.4
122	11.0	7.1	10.7#





#82

Chrysene

Concen: 2.65 ng

RT: 15.55 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF078548.D

Acq: 15 Apr 2015 21:21

Instrument :

BNA_F

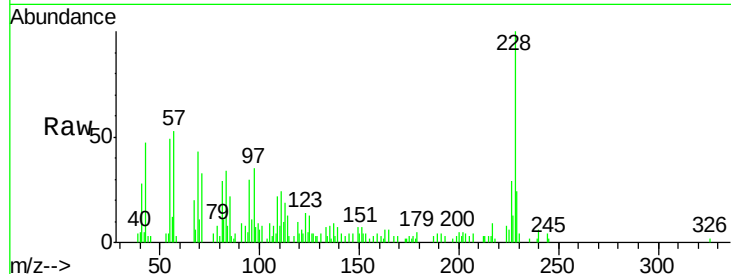
ClientSampleId :

LS-SD03BRE

Tgt Ion:	228	Resp:	17950
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.2	36.4
229	23.7	15.8	23.8

Manual Integrations
APPROVED

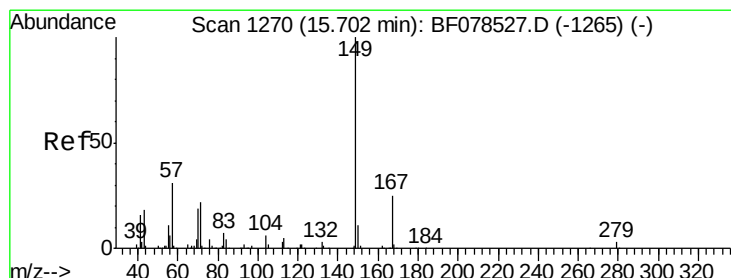
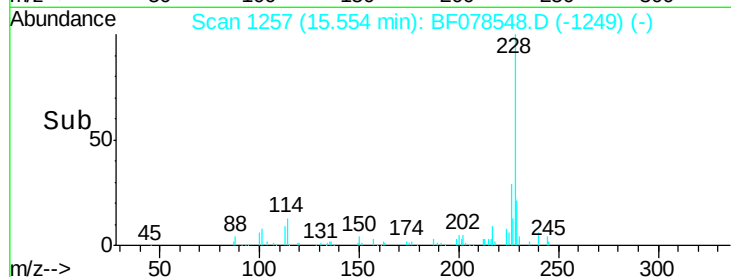
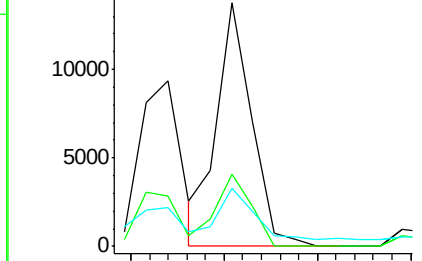
apatel
4/16/2015 3:27:25 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.10 ng

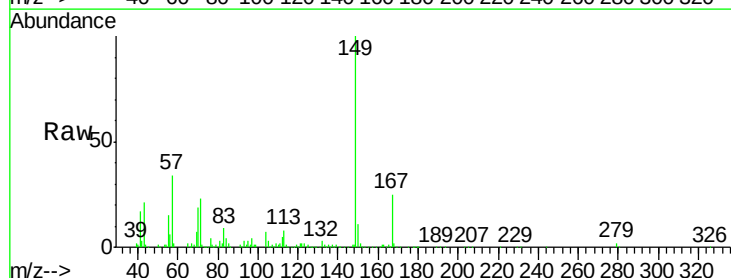
RT: 15.62 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF078548.D

Acq: 15 Apr 2015 21:21

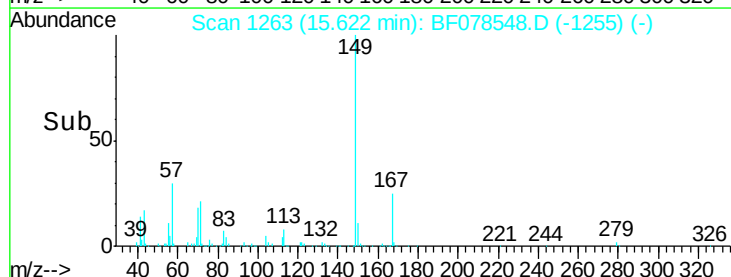
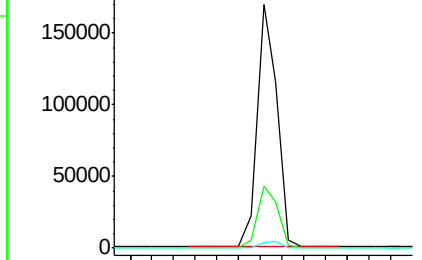
Tgt Ion:	149	Resp:	214346
Ion Ratio	Lower	Upper	
149	100		
167	25.2	22.2	33.2
279	2.3	3.2	4.8#

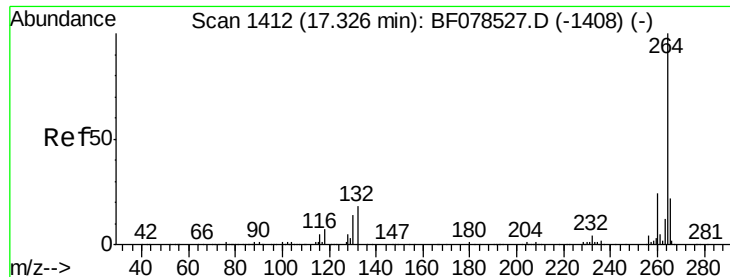


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





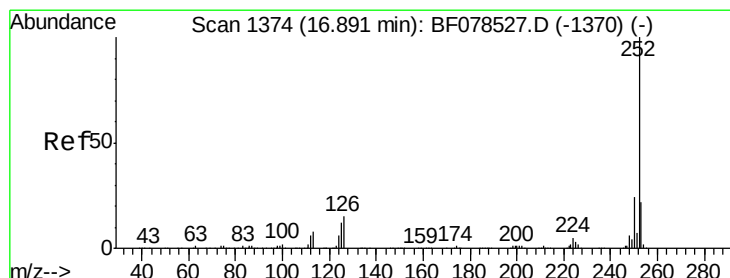
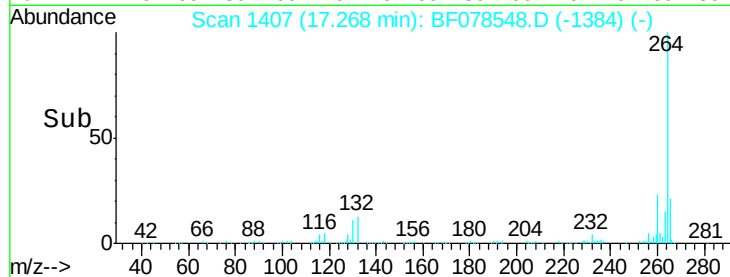
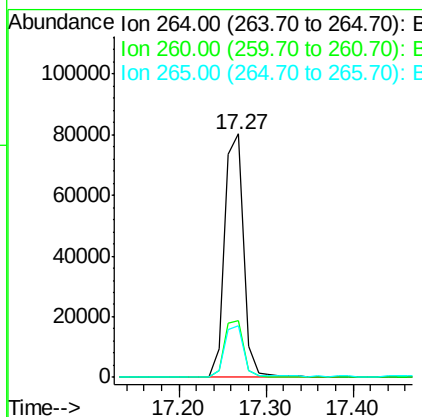
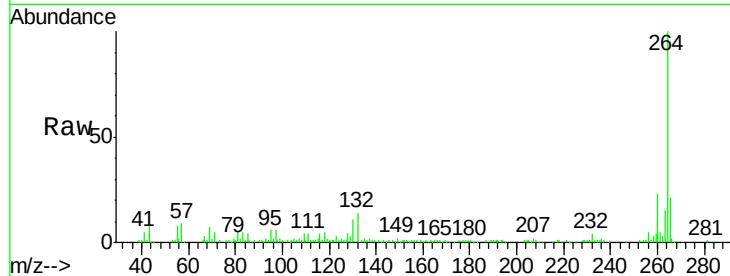
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BF078548.D
Acq: 15 Apr 2015 21:21

Instrument :
BNA_F
ClientSampled :
LS-SD03BRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.1	18.6	27.8
265	21.3	17.0	25.6

Manual Integrations
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4/16/2015 3:27:25 PM



#87
Benzo(b)fluoranthene
Concen: 2.82 ng m
RT: 16.82 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BF078548.D
Acq: 15 Apr 2015 21:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	17.2	25.8
125	31.6	7.0	10.4#

