

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078549.D
 Acq On : 15 Apr 2015 21:50
 Operator : TP/IZ
 Sample : G1787-09RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03CRE

Manual Integrations
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Quant Time: Apr 16 02:16:26 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	29856	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	118998	20.00	ng	-0.01
38) Acenaphthene-d10	10.44	164	58735	20.00	ng	0.00
63) Phenanthrene-d10	12.27	188	111634	20.00	ng	0.00
75) Chrysene-d12	15.52	240	113641	20.00	ng	-0.01
86) Perylene-d12	17.23	264	114613	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	213824	118.08	ng	0.01
7) Phenol-d6	6.32	99	272523	120.09	ng	0.01
23) Nitrobenzene-d5	7.42	82	154105	78.50	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	56243	115.46	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	183185	44.58	ng	0.00
78) Terphenyl-d14	14.26	244	200723	39.91	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.34	94	8048	2.96	ng	87
33) 4-Chloroaniline	8.41	127	18568	7.22	ng	95
37) 2-Methylnaphthalene	9.18	142	21408	5.09	ng	94
49) Dimethylphthalate	10.16	163	16903	3.83	ng	# 99
70) Phenanthrene	12.30	178	48041	7.44	ng	98
74) Fluoranthene	13.76	202	48948	7.19	ng	94
77) Pyrene	14.03	202	44749	6.27	ng	# 96
80) Benzo(a)anthracene	15.51	228	22547	3.33	ng	94
82) Chrysene	15.55	228	19252m	3.03	ng	
83) Bis(2-ethylhexyl)phthalate	15.62	149	148494	34.82	ng	98
87) Benzo(b)fluoranthene	16.80	252	22734m	3.21	ng	
89) Benzo(a)pyrene	17.17	252	15339	2.48	ng	# 76

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

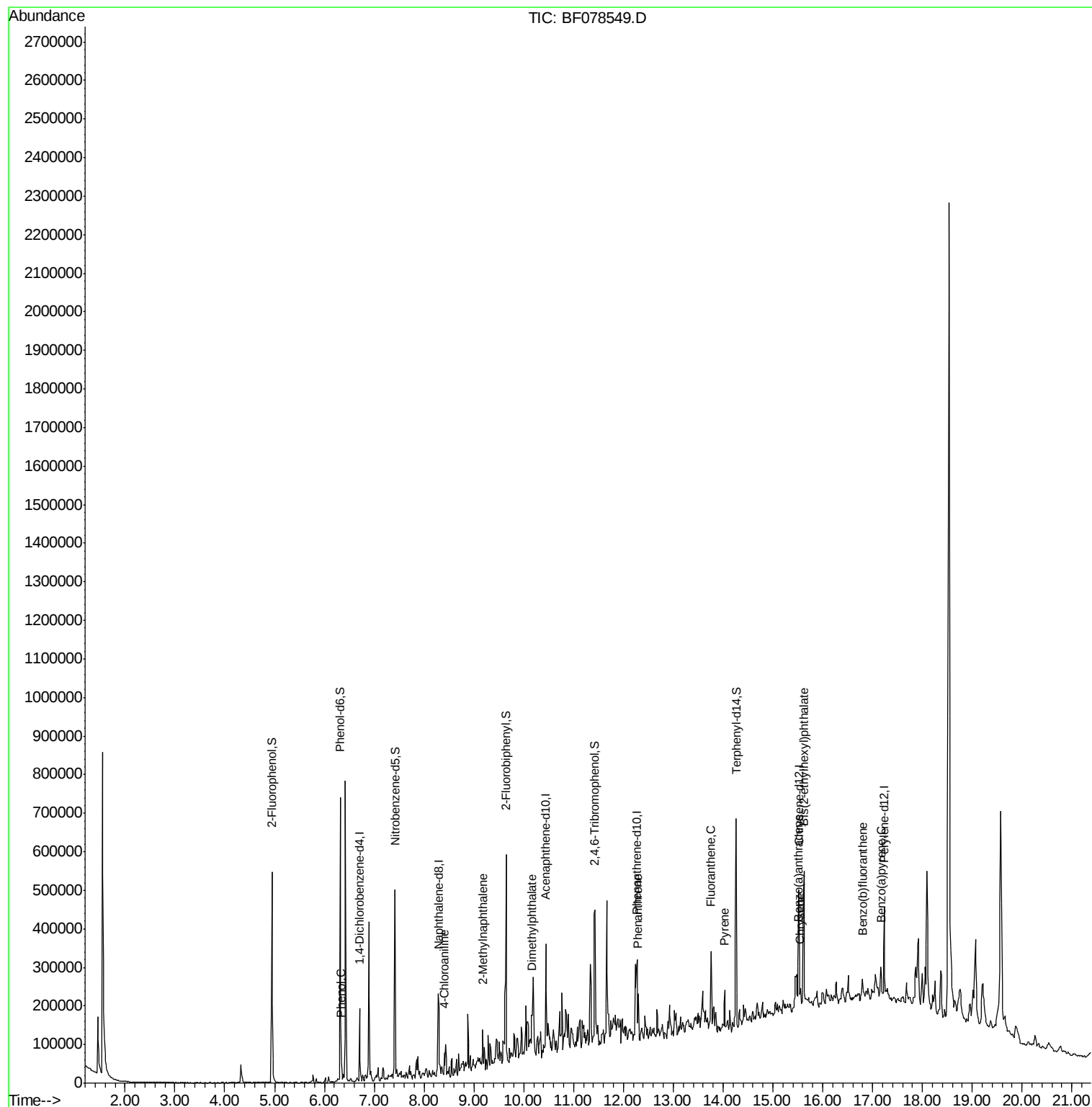
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078549.D
Acq On : 15 Apr 2015 21:50
Operator : TP/IZ
Sample : G1787-09RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

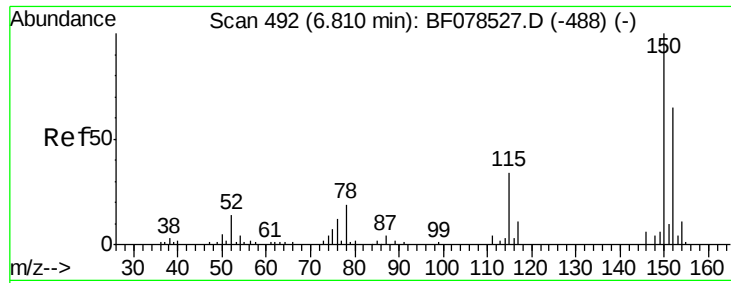
Instrument :
BNA_F
ClientSampleId :
LS-SD03CRE

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Quant Time: Apr 16 02:16:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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Response via : Initial Calibration





#1

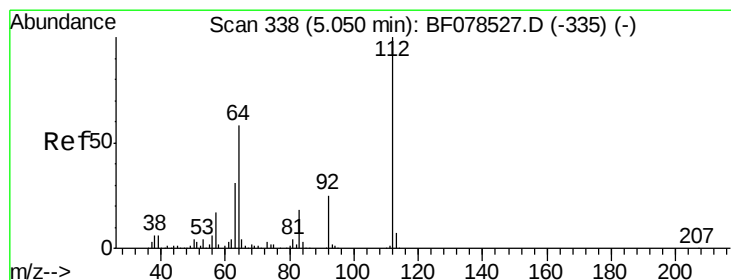
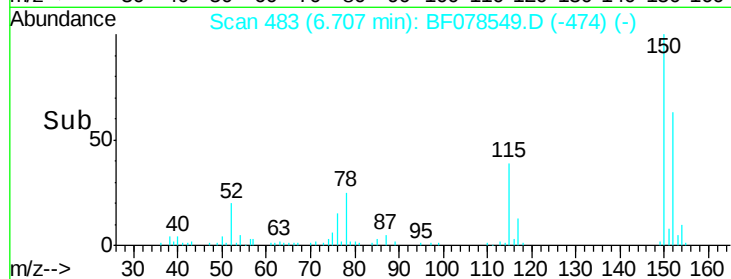
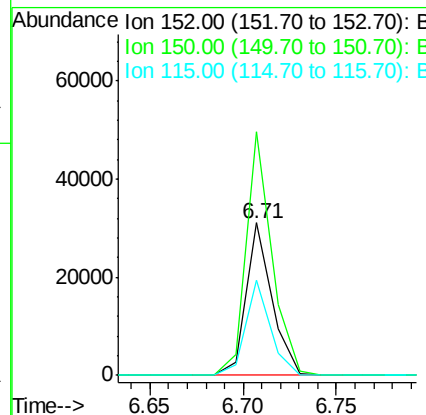
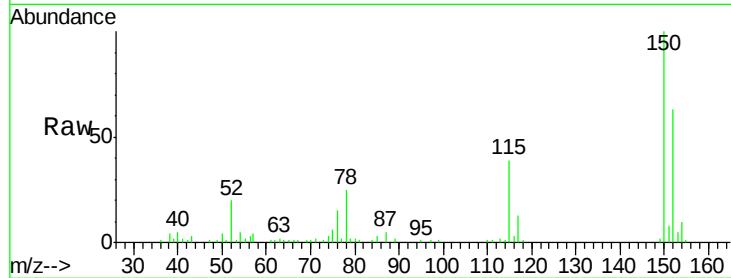
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF078549.D
Acq: 15 Apr 2015 21:50

Instrument :
BNA_F
ClientSampleId :
LS-SD03CRE

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	29856		
150	160.0	125.9	188.9	
115	62.4	52.7	79.1	

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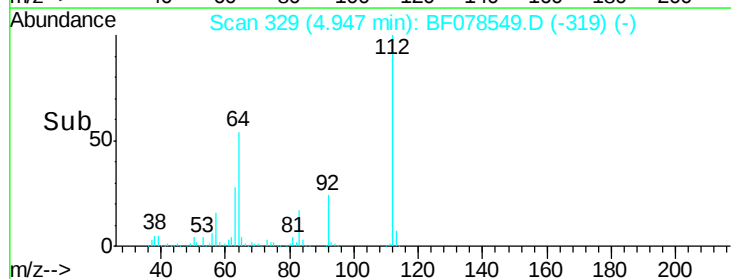
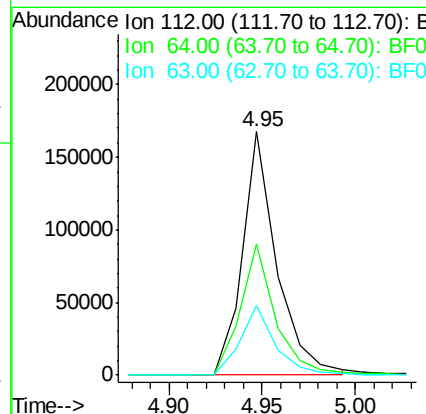
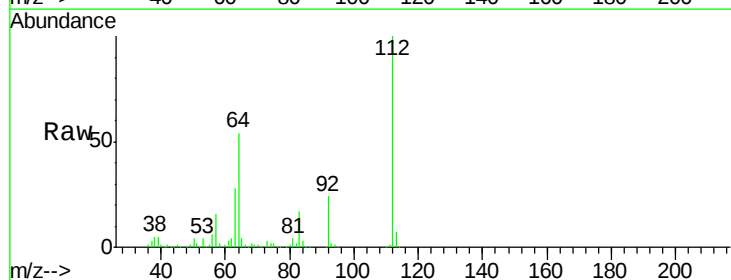
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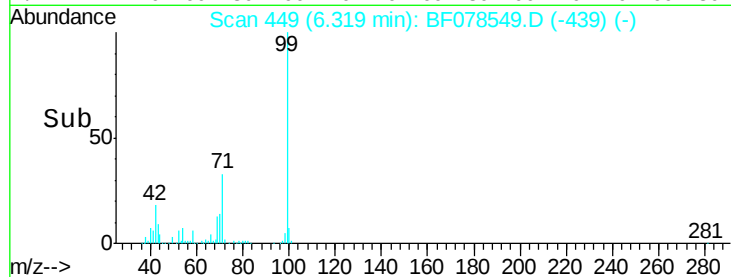
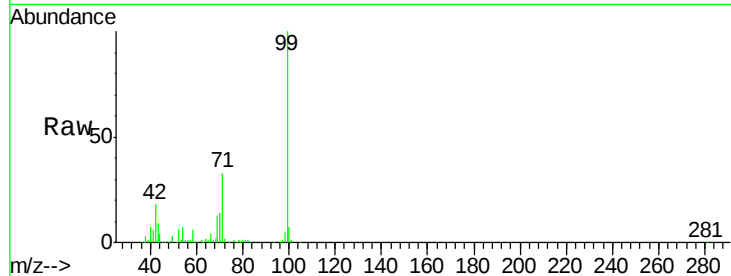
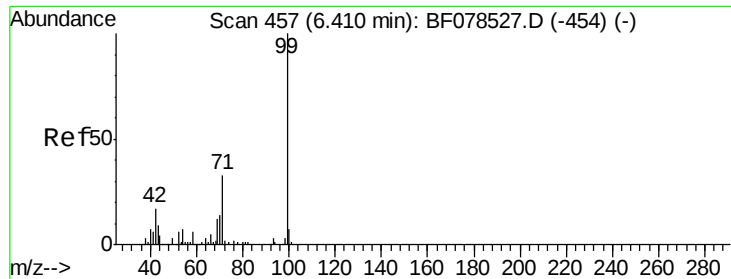


#5

2-Fluorophenol
Concen: 118.08 ng
RT: 4.95 min Scan# 329
Delta R.T. 0.01 min
Lab File: BF078549.D
Acq: 15 Apr 2015 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	213824		
64	54.0	39.9	59.9	
63	28.3	20.2	30.4	





#7

Phenol-d6

Concen: 120.09 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Tgt Ion:	99	Resp:	272523
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.8	22.2
71	33.0	26.6	39.8

Instrument :

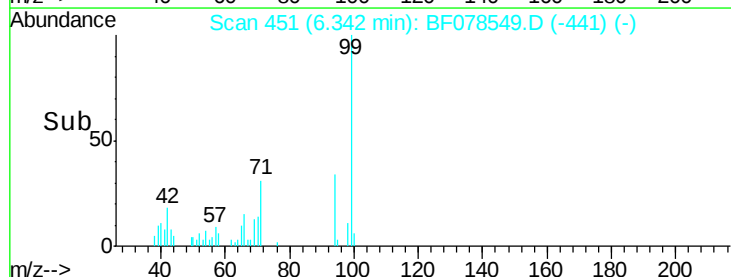
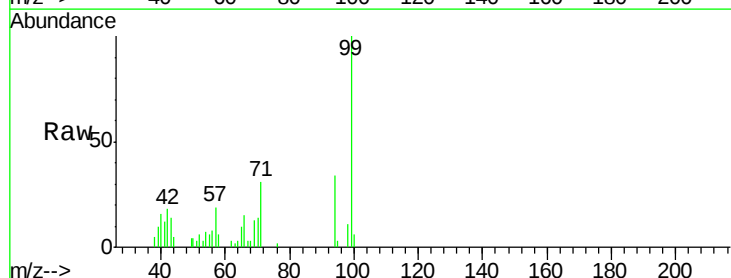
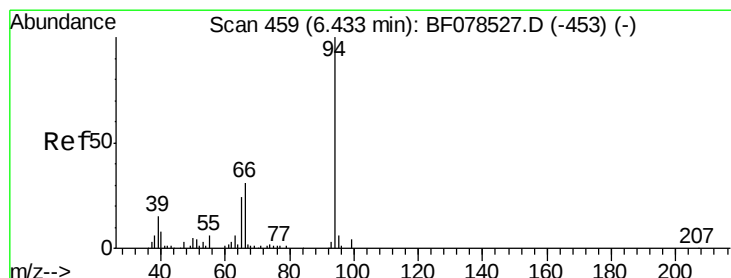
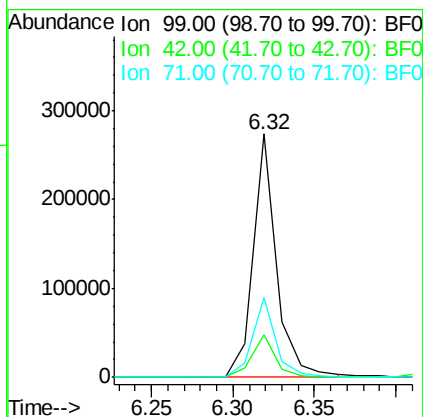
BNA_F

ClientSampleId :

LS-SD03CRE

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#10

Phenol

Concen: 2.96 ng

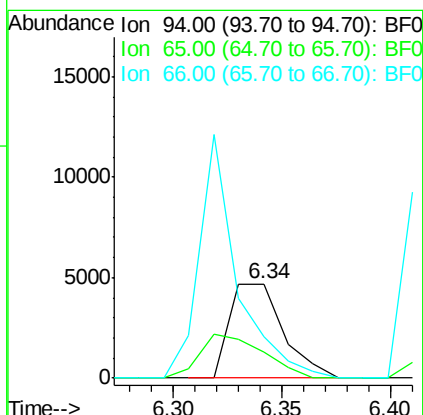
RT: 6.34 min Scan# 451

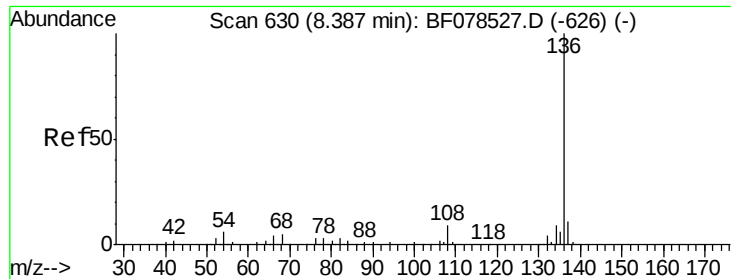
Delta R.T. 0.01 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Tgt Ion:	94	Resp:	8048
Ion Ratio	Lower	Upper	
94	100		
65	28.4	4.9	44.9
66	43.9	13.8	53.8





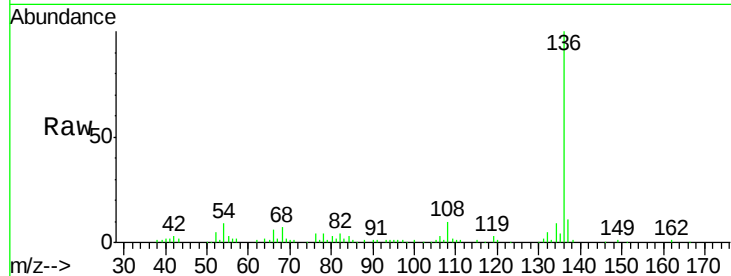
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF078549.D
Acq: 15 Apr 2015 21:50

Instrument :
BNA_F
ClientSampleId :
LS-SD03CRE

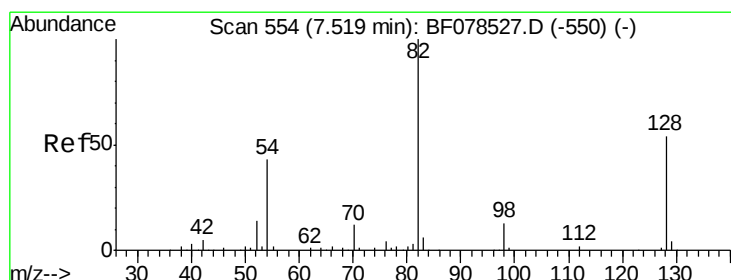
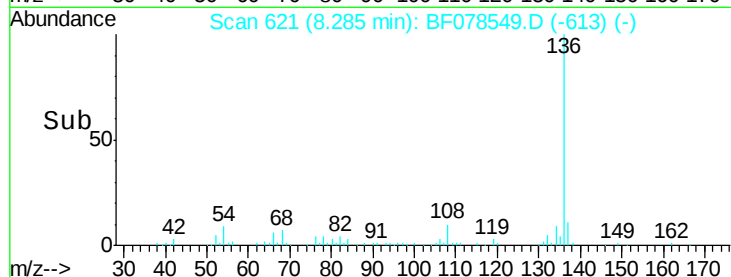
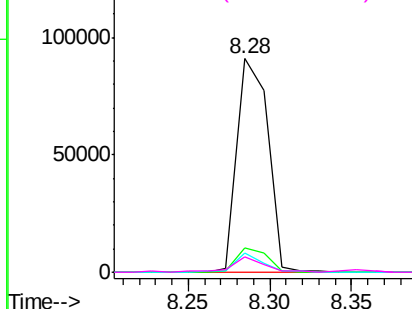
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	118998		
137	11.2	9.0	13.4	
54	9.3	7.0	10.6	
68	7.2	5.4	8.2	

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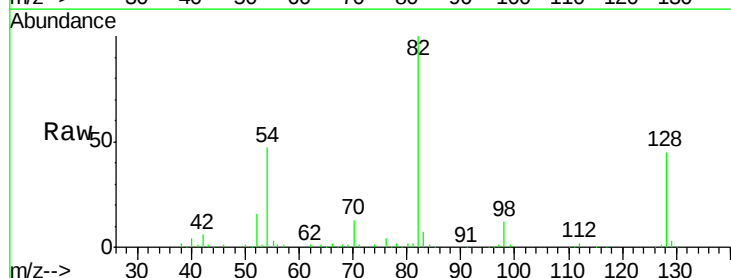


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

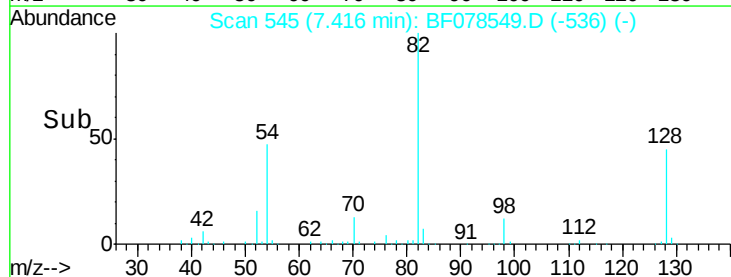
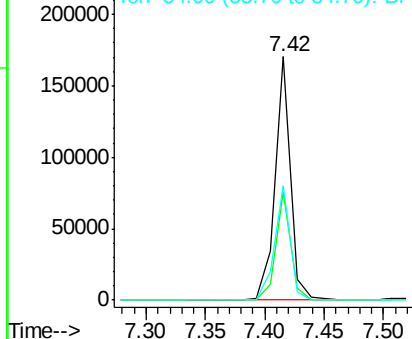


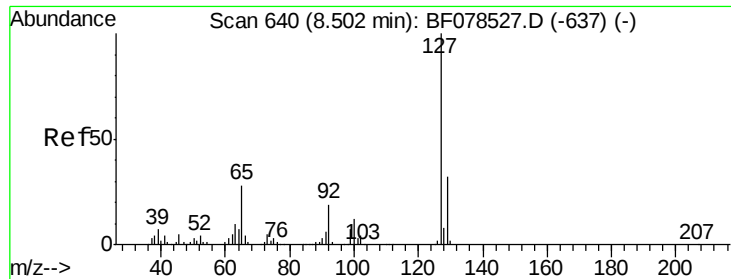
#23
Nitrobenzene-d5
Concen: 78.50 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF078549.D
Acq: 15 Apr 2015 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	154105		
128	44.5	31.8	47.8	
54	47.0	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





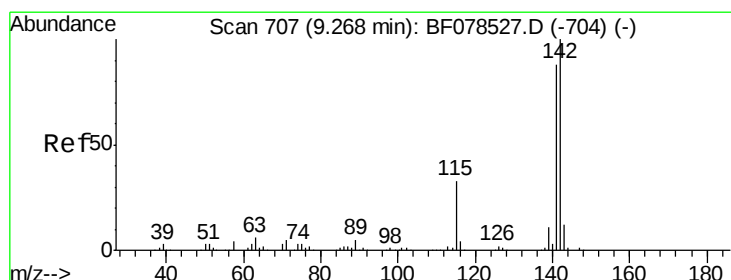
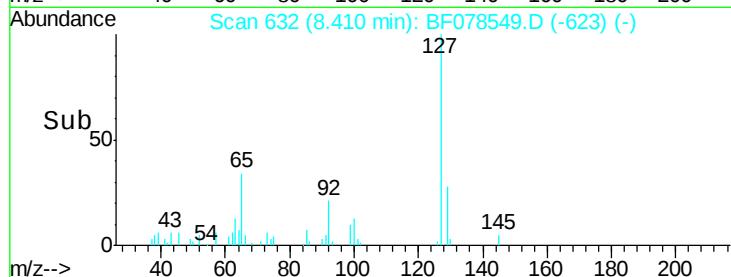
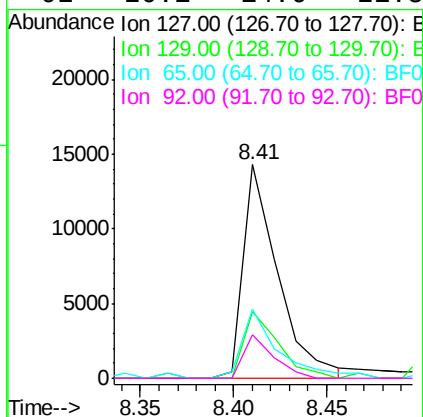
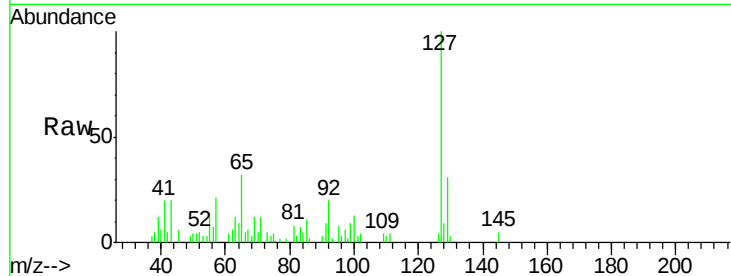
#33
 4-Chloroaniline
 Concen: 7.22 ng
 RT: 8.41 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF078549.D
 Acq: 15 Apr 2015 21:50

Instrument :
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 ClientSampleId :
 LS-SD03CRE

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	18568		
129	31.4	25.5	38.3	
65	32.2	21.7	32.5	
92	20.1	14.6	21.8	

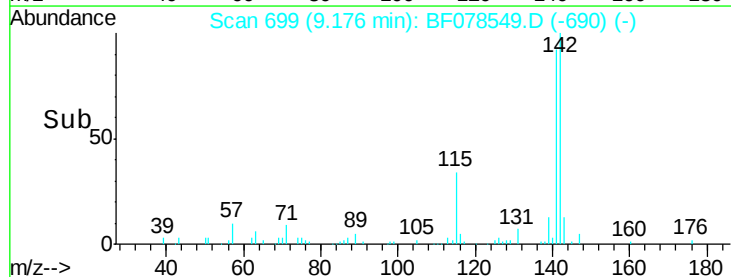
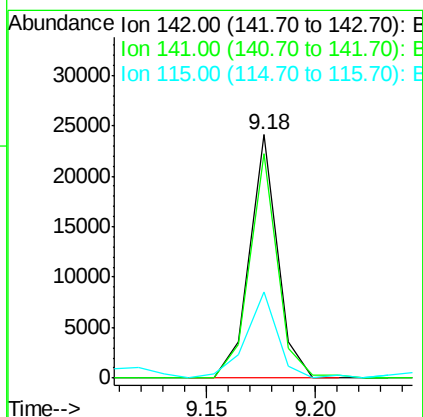
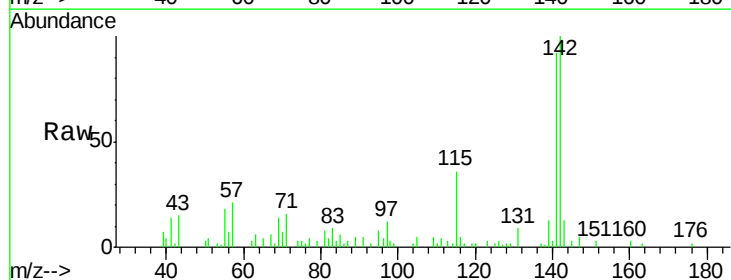
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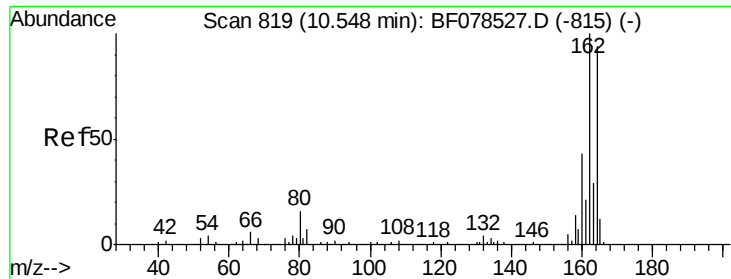
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#37
 2-Methylnaphthalene
 Concen: 5.09 ng
 RT: 9.18 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF078549.D
 Acq: 15 Apr 2015 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	21408		
141	92.4	70.3	105.5	
115	35.6	24.6	37.0	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.44 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF078549.D

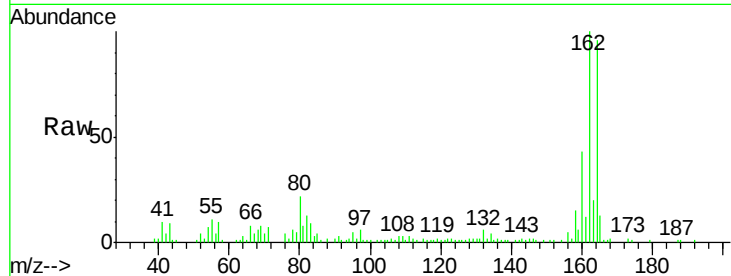
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Instrument :

BNA_F

ClientSampleId :

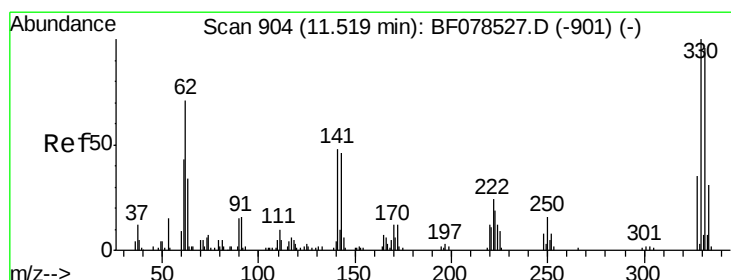
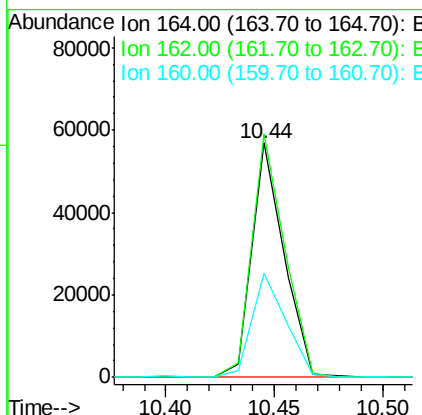
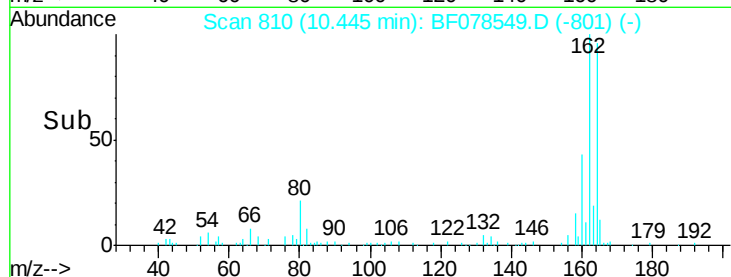
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Tgt Ion:	164	Resp:	58735
Ion Ratio	Lower	Upper	
164	100		
162	103.8	82.2	123.2
160	44.5	34.7	52.1

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#41

2,4,6-Tribromophenol

Concen: 115.46 ng

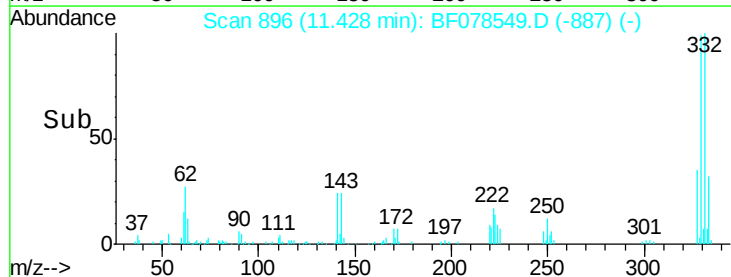
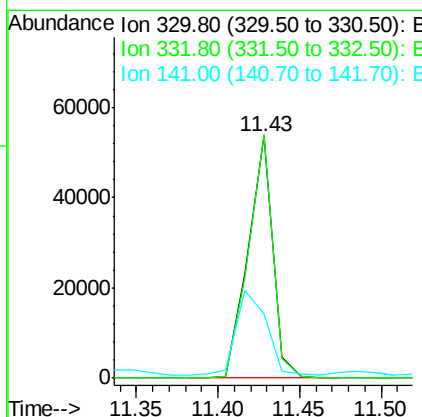
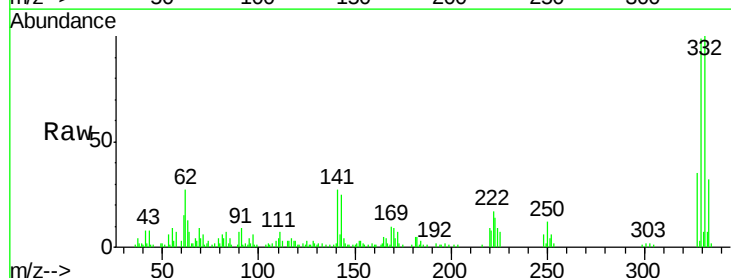
RT: 11.43 min Scan# 896

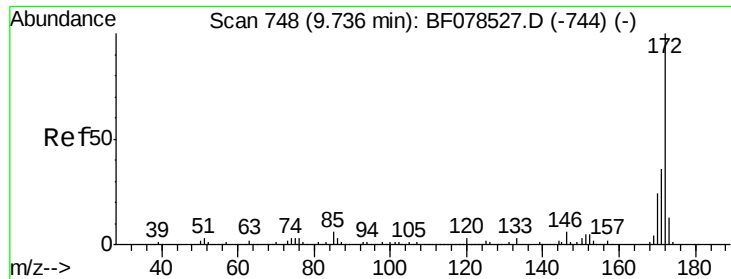
Delta R.T. -0.00 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Tgt Ion:	330	Resp:	56243
Ion Ratio	Lower	Upper	
330	100		
332	99.3	78.6	117.8
141	42.4	31.2	46.8





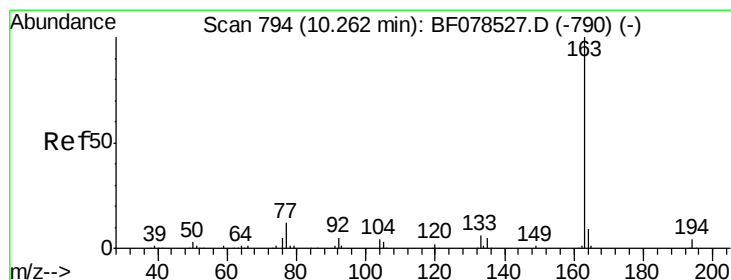
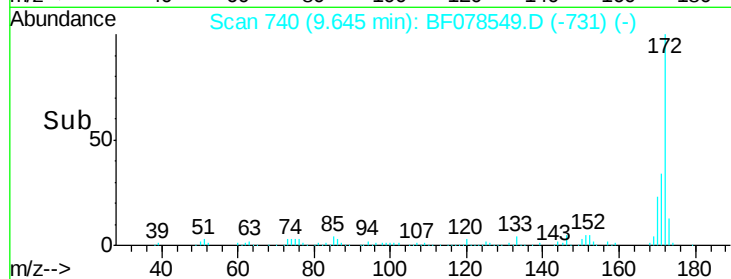
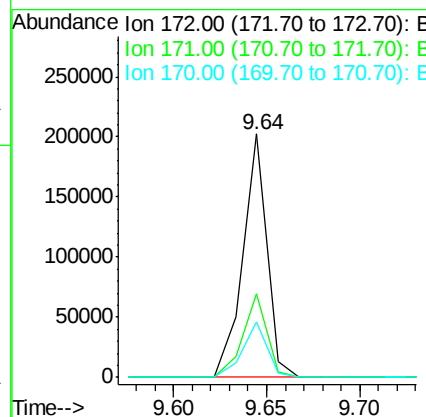
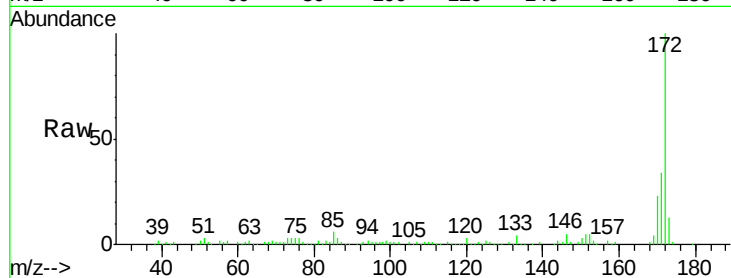
#44
2-Fluorobiphenyl
Concen: 44.58 ng
RT: 9.64 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF078549.D
Acq: 15 Apr 2015 21:50

Instrument :
BNA_F
ClientSampleId :
LS-SD03CRE

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	183185		
171	34.2	28.6	42.8	
170	22.7	18.5	27.7	

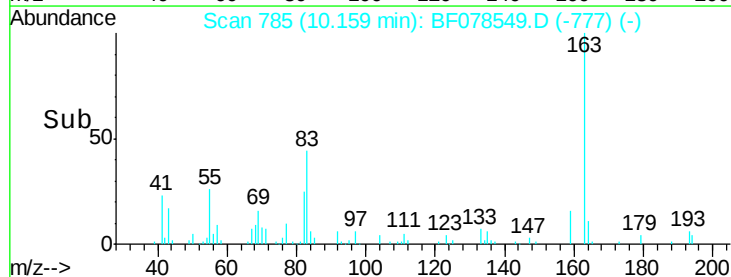
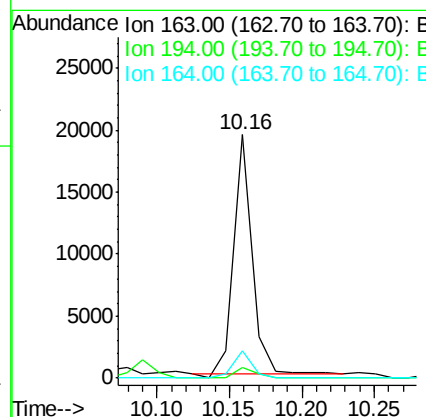
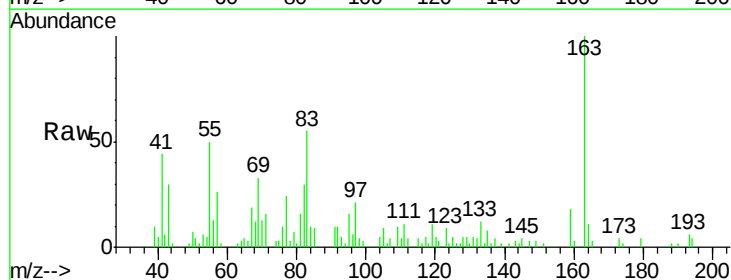
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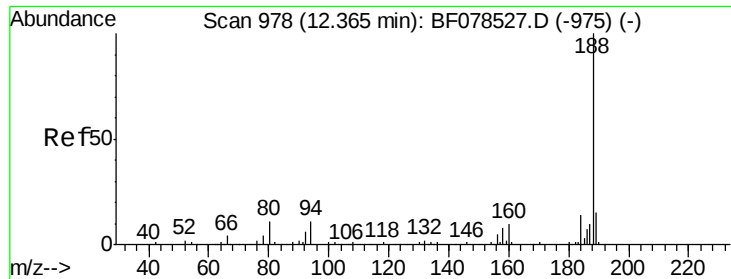
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#49
Dimethylphthalate
Concen: 3.83 ng
RT: 10.16 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF078549.D
Acq: 15 Apr 2015 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	16903		
194	4.2	2.3	3.5#	
164	11.0	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: BF078549.D

Acq: 15 Apr 2015 21:50

Instrument :

BNA_F

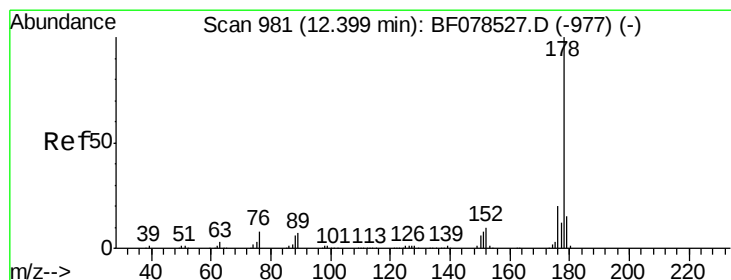
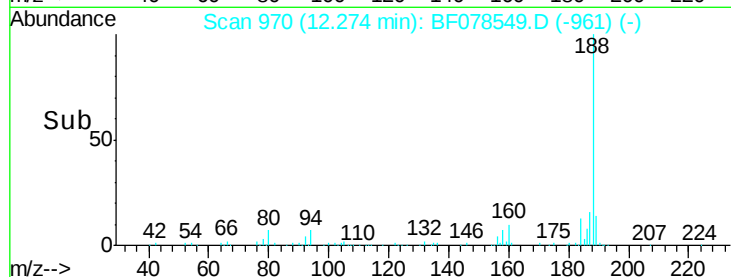
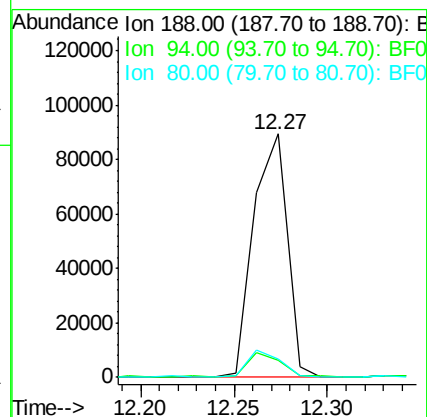
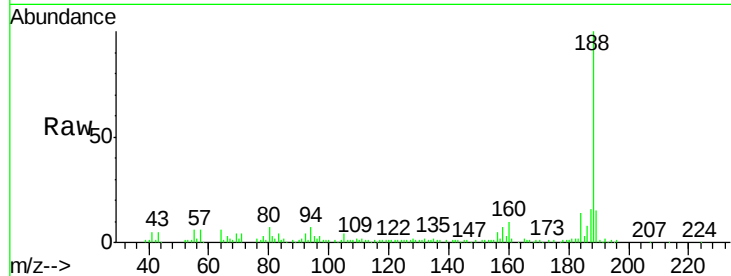
ClientSampleId :

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Tgt Ion:	188	Resp:	111634
Ion Ratio	Lower	Upper	
188	100		
94	7.1	9.0	13.4#
80	7.4	9.5	14.3#

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#70

Phenanthrene

Concen: 7.44 ng

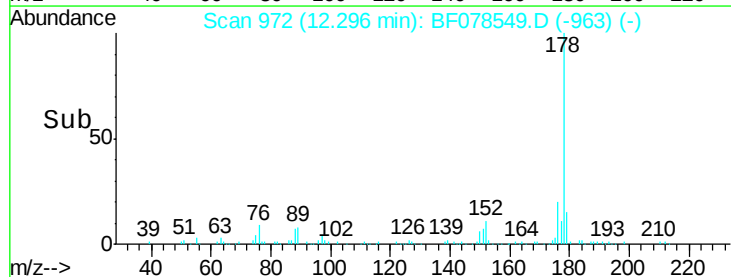
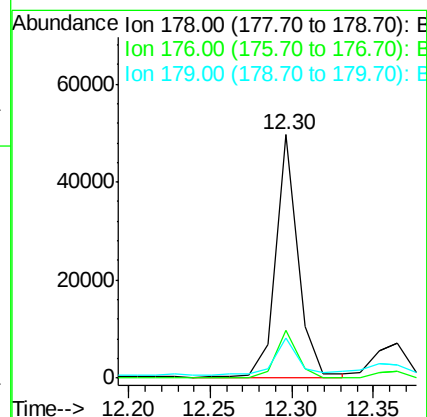
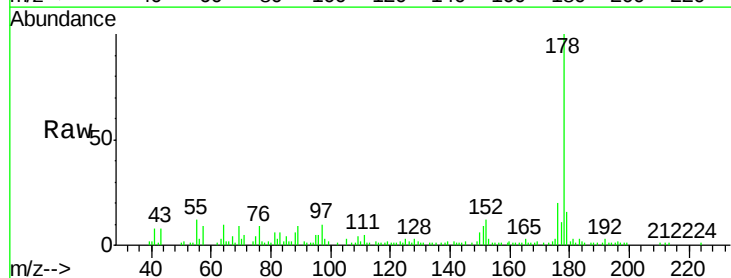
RT: 12.30 min Scan# 972

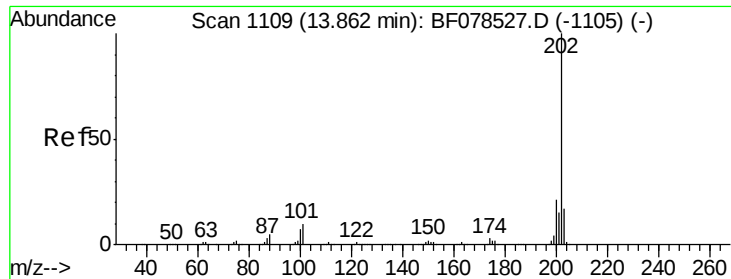
Delta R.T. -0.00 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Tgt Ion:	178	Resp:	48041
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.4	23.0
179	16.2	12.2	18.2





#74

Fluoranthene

Concen: 7.19 ng

RT: 13.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF078549.D

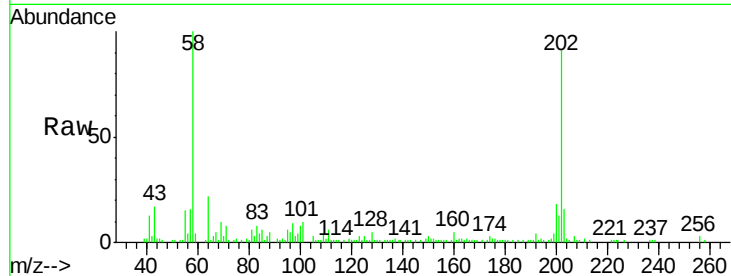
Acq: 15 Apr 2015 21:50

Instrument :

BNA_F

ClientSampleId :

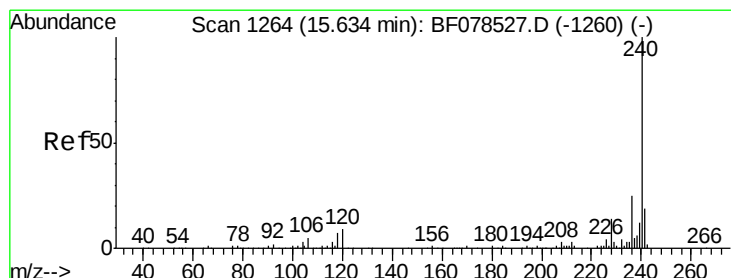
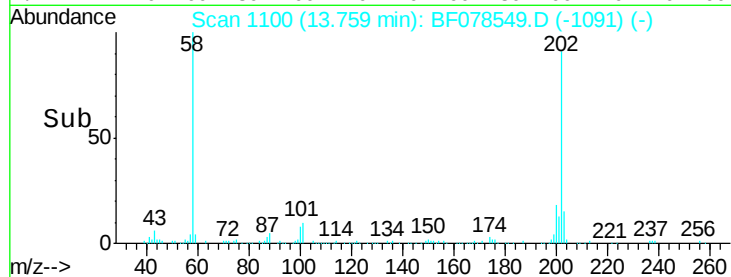
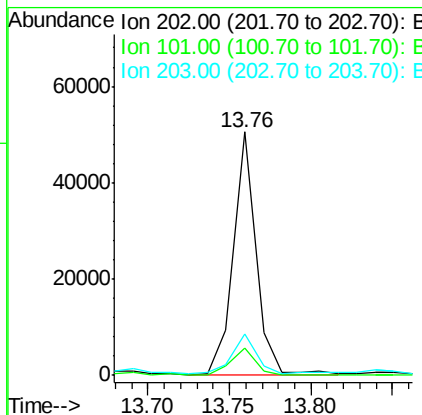
LS-SD03CRE



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	48948		
101	11.3	0.0	35.2	
203	17.1	0.0	38.5	

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#75

Chrysene-d12

Concen: 20.00 ng

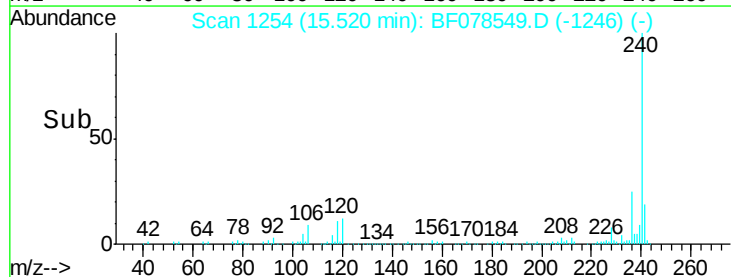
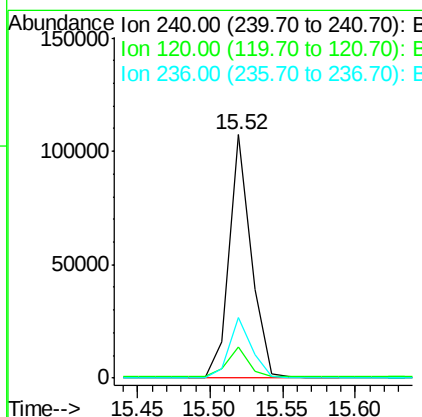
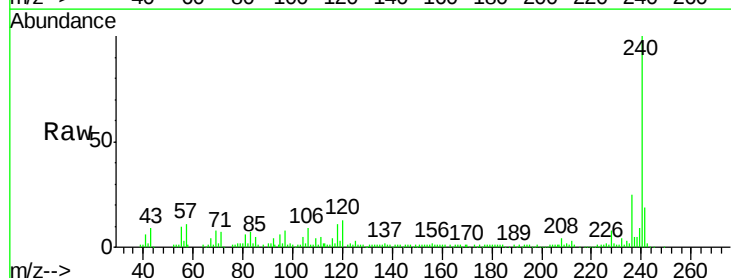
RT: 15.52 min Scan# 1254

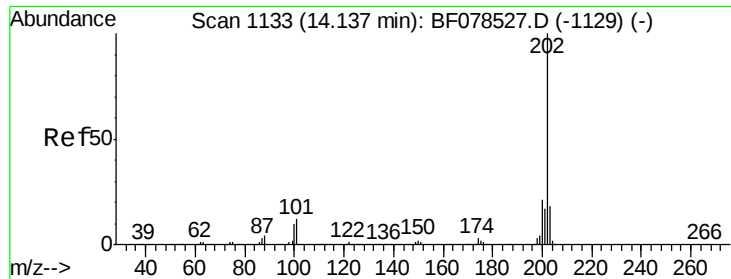
Delta R.T. -0.01 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	113641		
120	12.8	7.1	10.7#	
236	24.6	21.4	32.2	





#77

Pyrene

Concen: 6.27 ng

RT: 14.03 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Instrument :

BNA_F

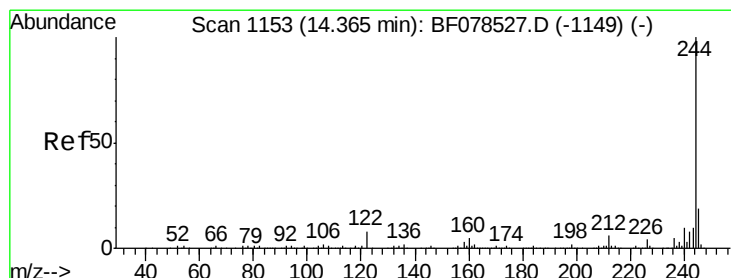
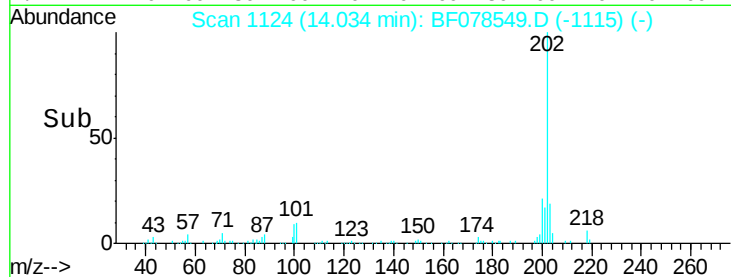
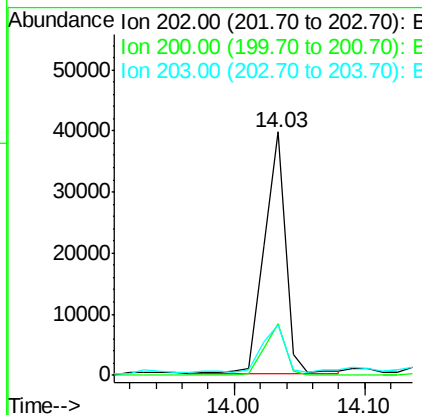
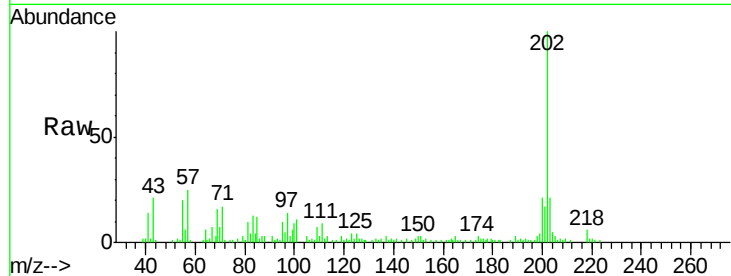
ClientSampleId :

LS-SD03CRE

Tgt Ion:	202	Resp:	44749
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.3	24.5
203	20.7	13.8	20.6

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#78

Terphenyl-d14

Concen: 39.91 ng

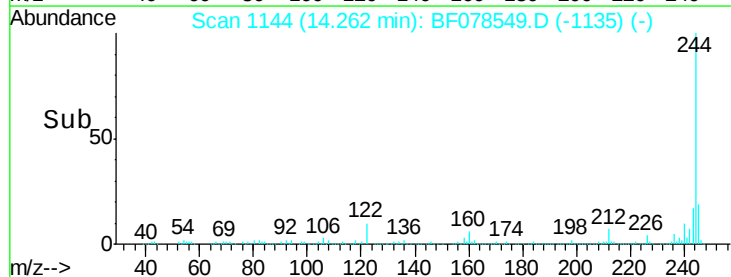
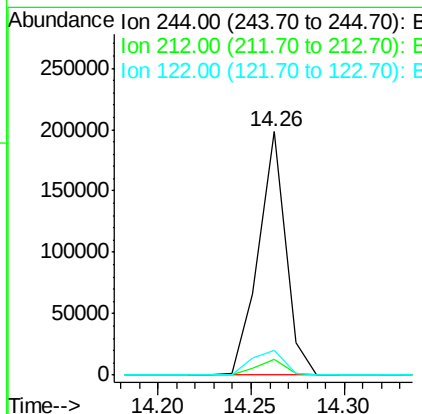
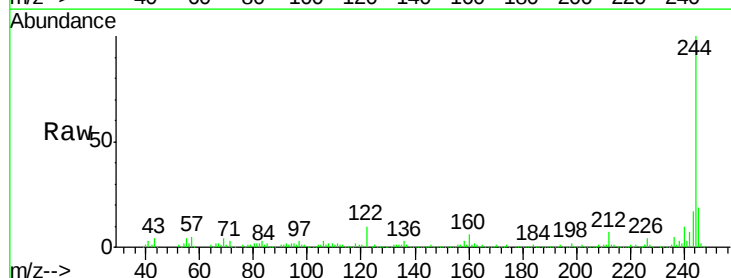
RT: 14.26 min Scan# 1144

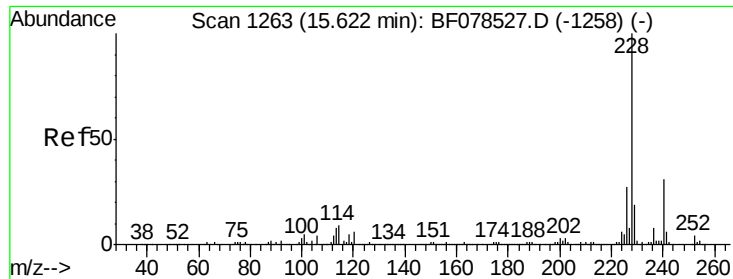
Delta R.T. -0.00 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Tgt Ion:	244	Resp:	200723
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.0	7.4
122	9.9	7.1	10.7





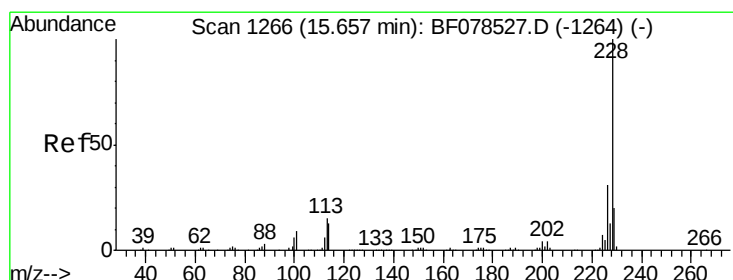
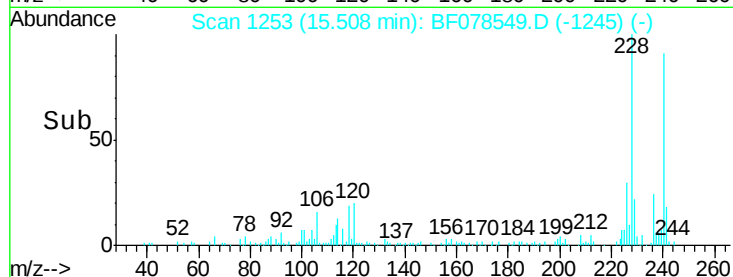
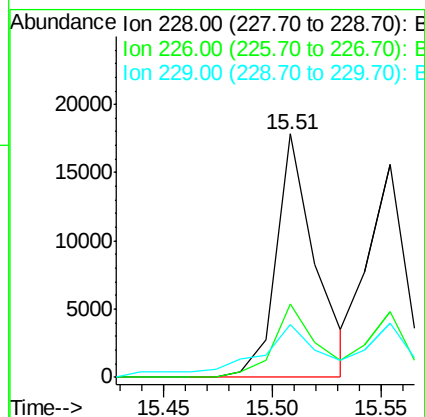
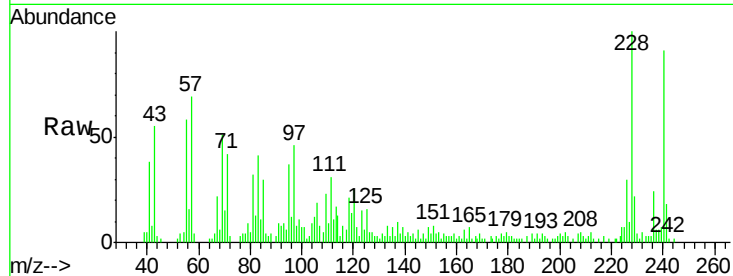
#80
Benzo(a)anthracene
Concen: 3.33 ng
RT: 15.51 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF078549.D
Acq: 15 Apr 2015 21:50

Instrument :
BNA_F
ClientSampleId :
LS-SD03CRE

Tgt Ion:	228	Resp:	22547
Ion Ratio	Lower	Upper	
228	100		
226	30.0	21.3	31.9
229	21.6	15.4	23.2

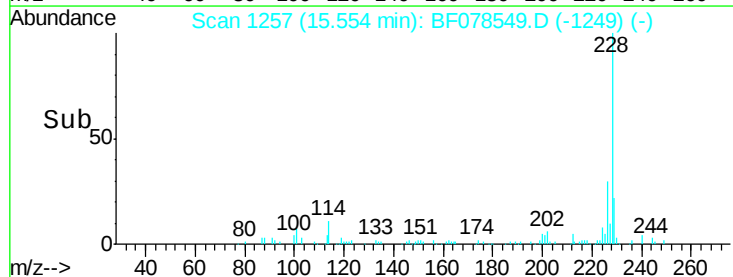
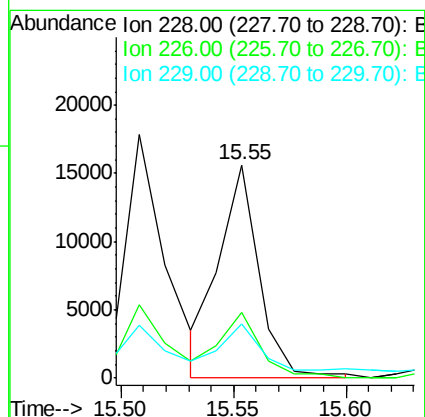
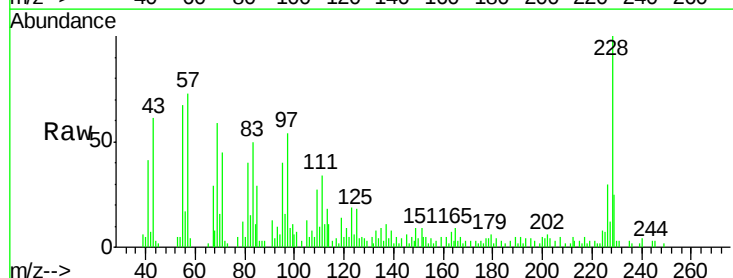
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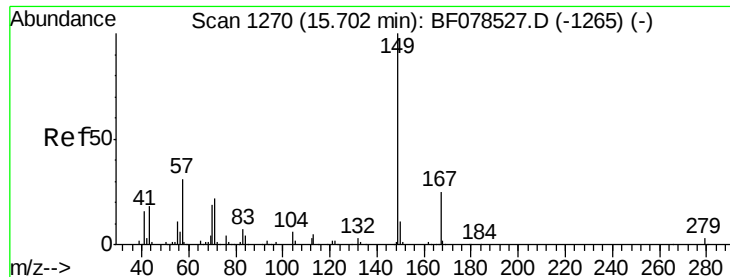
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#82
Chrysene
Concen: 3.03 ng m
RT: 15.55 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF078549.D
Acq: 15 Apr 2015 21:50

Tgt Ion:	228	Resp:	19252
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.2	36.4
229	25.2	15.8	23.8#





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.82 ng

RT: 15.62 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Instrument :

BNA_F

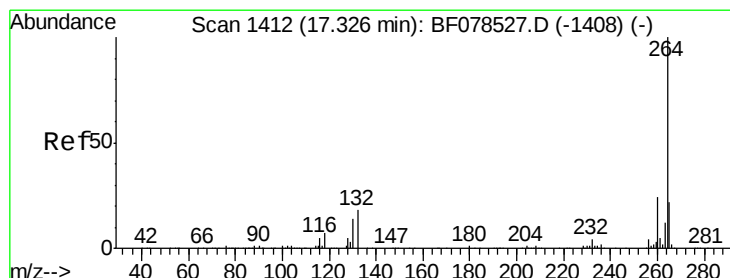
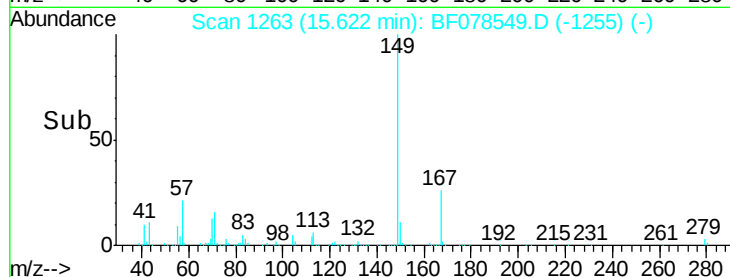
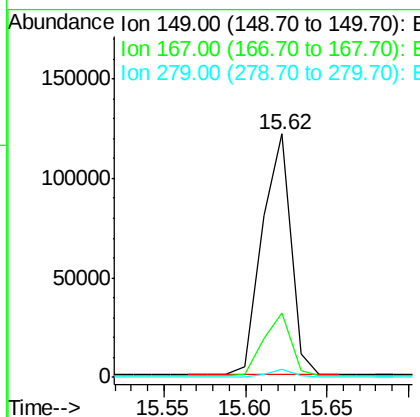
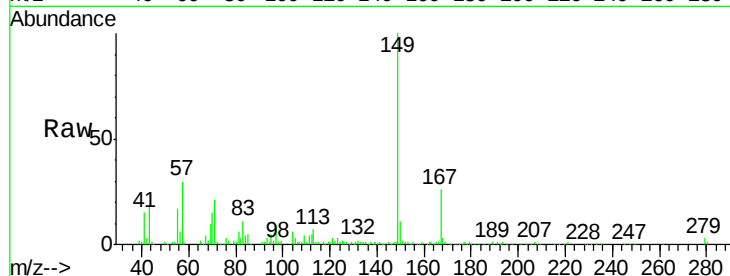
ClientSampleId :

LS-SD03CRE

Tgt Ion:	149	Resp:	148494
Ion Ratio	Lower	Upper	
149	100		
167	26.4	22.2	33.2
279	3.4	3.2	4.8

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#86

Perylene-d12

Concen: 20.00 ng

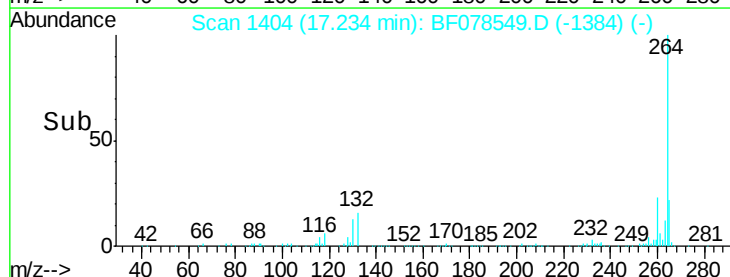
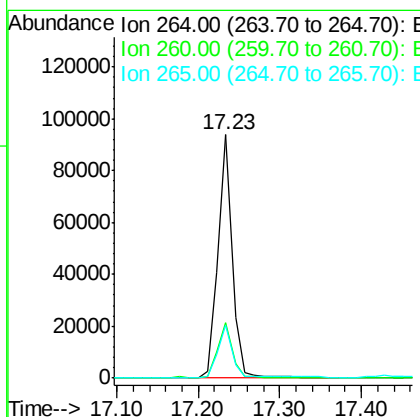
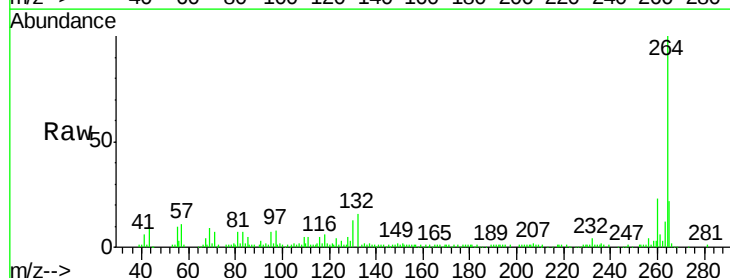
RT: 17.23 min Scan# 1404

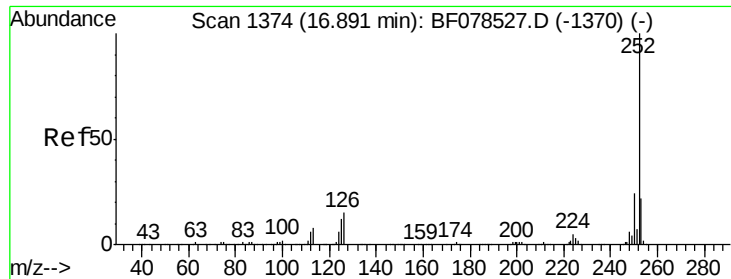
Delta R.T. -0.07 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Tgt Ion:	264	Resp:	114613
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.6	27.8
265	21.5	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 3.21 ng m

RT: 16.80 min Scan# 1366

Delta R.T. -0.05 min

Lab File: BF078549.D

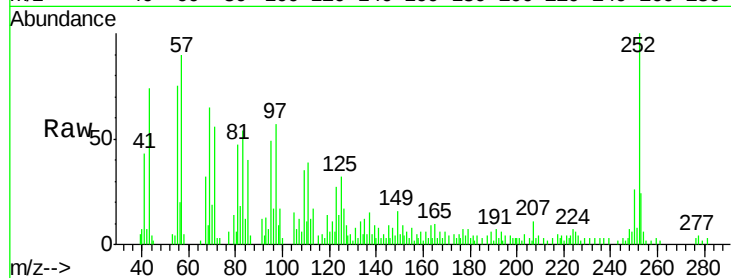
Acq: 15 Apr 2015 21:50

Instrument :

BNA_F

ClientSampleId :

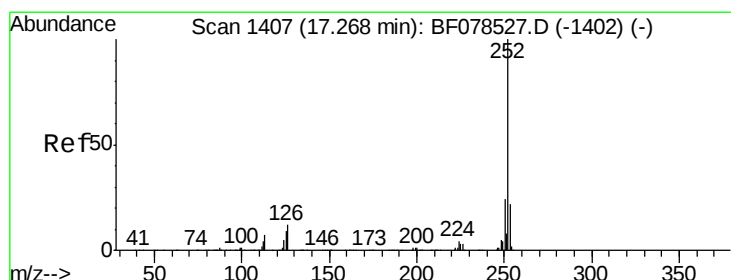
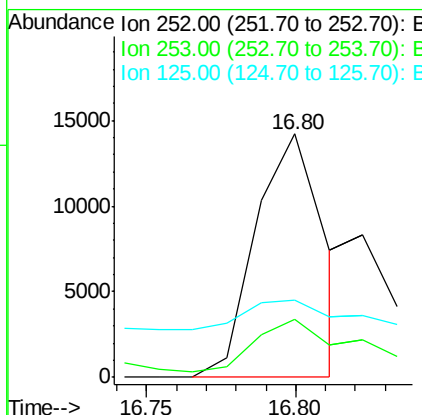
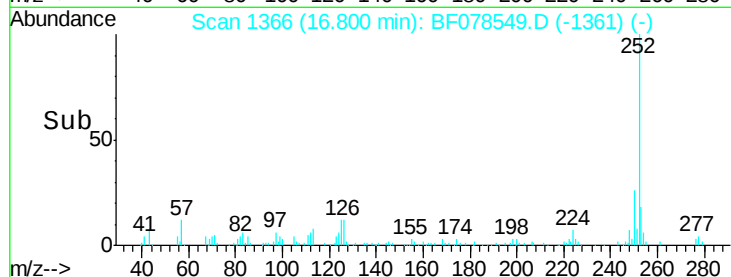
LS-SD03CRE



Tgt Ion:	252	Resp:	22734
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.2	25.8
125	31.8	7.0	10.4#

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#89

Benzo(a)pyrene

Concen: 2.48 ng

RT: 17.17 min Scan# 1398

Delta R.T. -0.07 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Tgt Ion:	252	Resp:	15339
Ion Ratio	Lower	Upper	
252	100		
253	24.2	16.8	25.2
125	32.2	7.4	11.0#

