

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078555.D
 Acq On : 16 Apr 2015 00:43
 Operator : TP/IZ
 Sample : G1855-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

Manual Integrations
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Quant Time: Apr 16 02:30:44 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	31940	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	130628	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	65970	20.00	ng	0.00
63) Phenanthrene-d10	12.27	188	129646	20.00	ng	0.00
75) Chrysene-d12	15.53	240	135765	20.00	ng	0.00
86) Perylene-d12	17.23	264	132433	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	37996	19.61	ng	0.01
7) Phenol-d6	6.32	99	49351	20.33	ng	0.01
23) Nitrobenzene-d5	7.42	82	25167	11.68	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	11053	20.20	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	57329	12.42	ng	0.00
78) Terphenyl-d14	14.26	244	60052	9.99	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.30	178	45338	6.05	ng	99
74) Fluoranthene	13.76	202	49455	6.25	ng	97
77) Pyrene	14.03	202	42761	5.02	ng	# 95
80) Benzo(a)anthracene	15.52	228	20747	2.57	ng	94
82) Chrysene	15.55	228	20547m	2.71	ng	
87) Benzo(b)fluoranthene	16.80	252	24768m	3.03	ng	
89) Benzo(a)pyrene	17.17	252	17222	2.41	ng	# 80

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

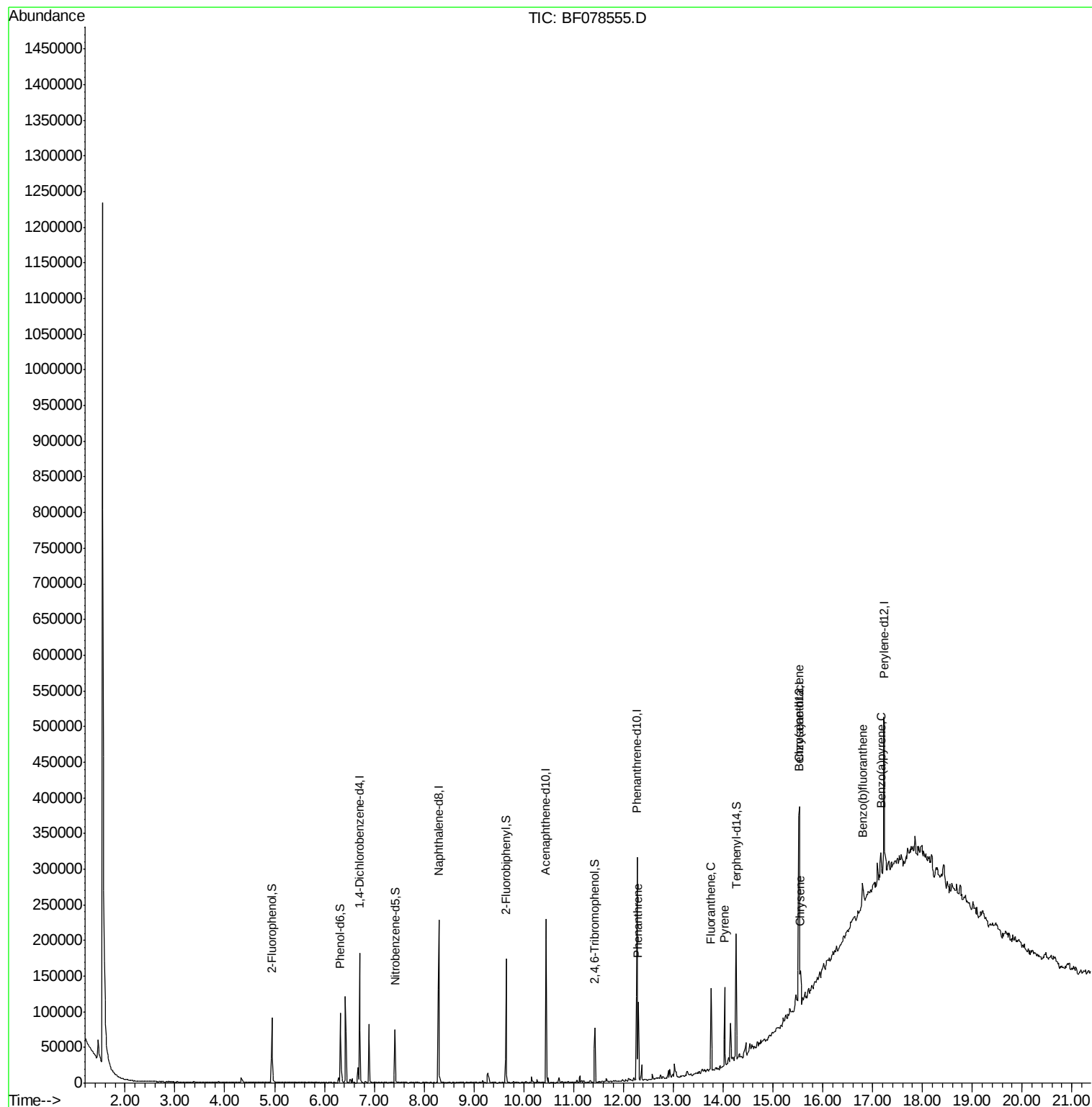
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078555.D
Acq On : 16 Apr 2015 00:43
Operator : TP/IZ
Sample : G1855-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

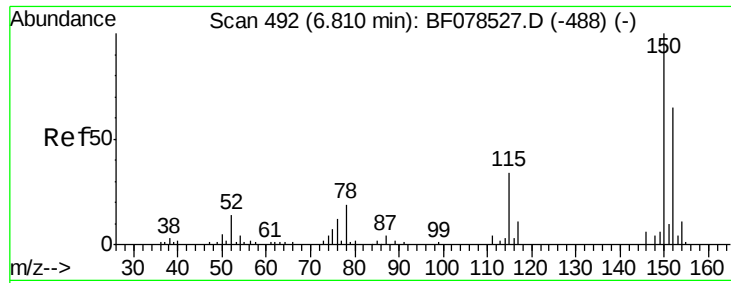
Instrument :
BNA_F
ClientSampleId :
LS-SB15A(6-12)

Manual Integrations
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Quant Time: Apr 16 02:30:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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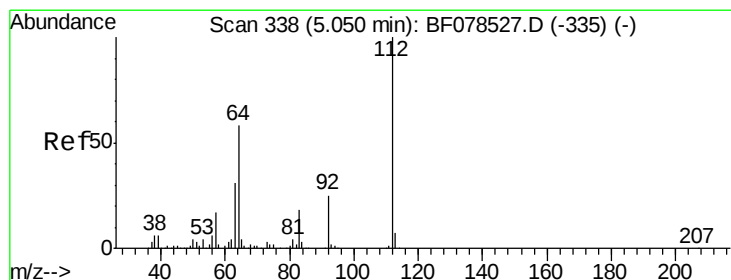
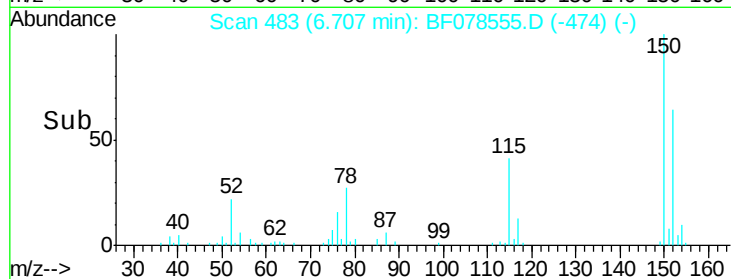
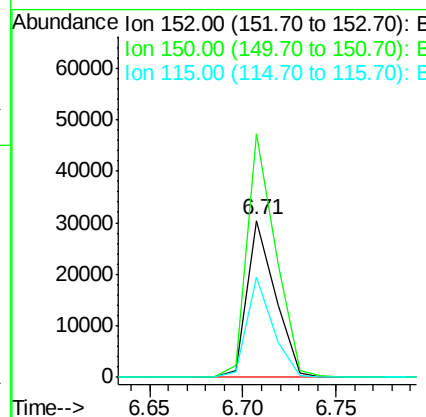
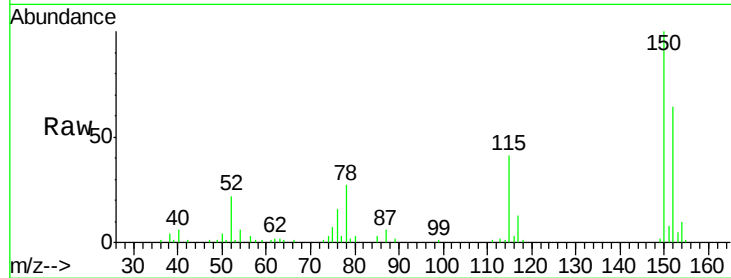
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.9	188.9
115	64.1	52.7	79.1

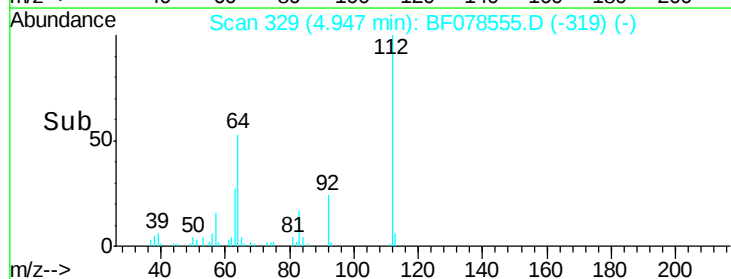
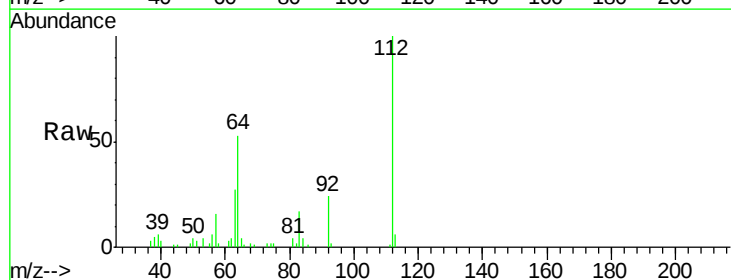
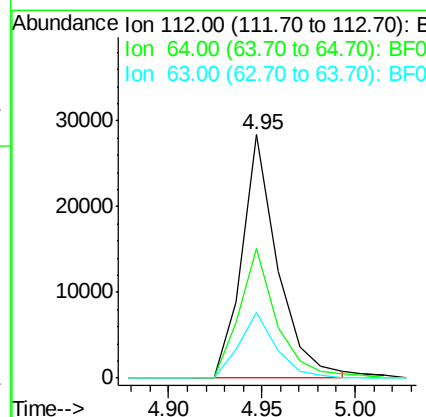
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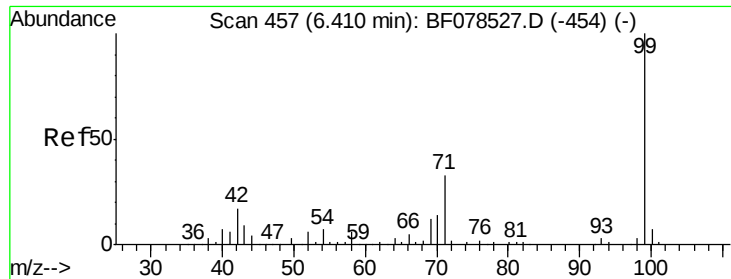
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#5
 2-Fluorophenol
 Concen: 19.61 ng
 RT: 4.95 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	39.9	59.9
63	27.2	20.2	30.4





#7

Phenol-d6

Concen: 20.33 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078555.D

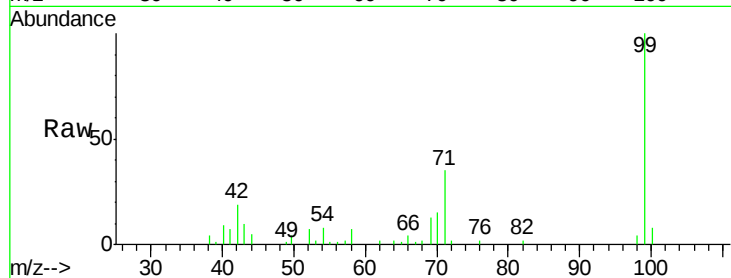
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Instrument :

BNA_F

ClientSampleId :

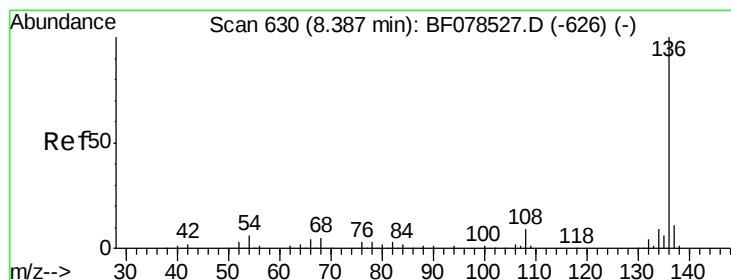
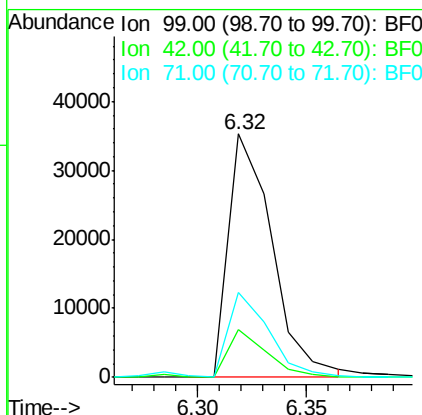
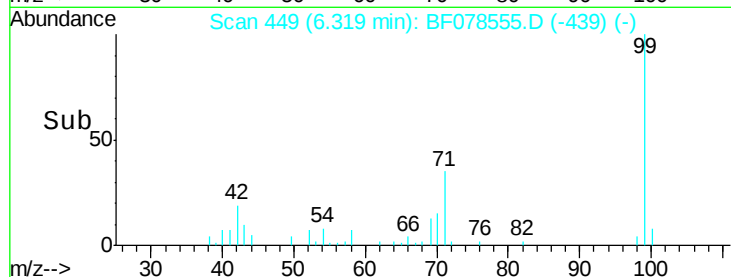
LS-SB15A(6-12)



Tgt Ion:	99	Resp:	49351
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.8	22.2
71	34.8	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

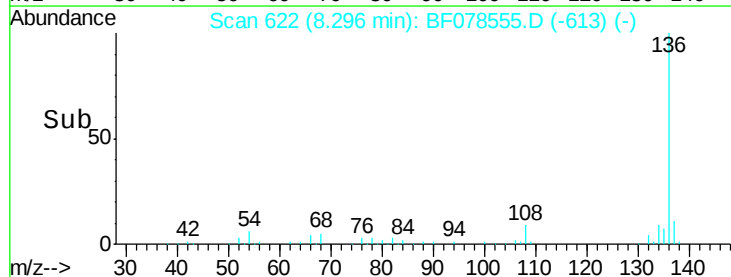
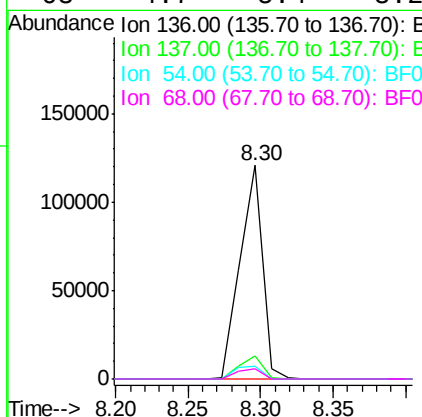
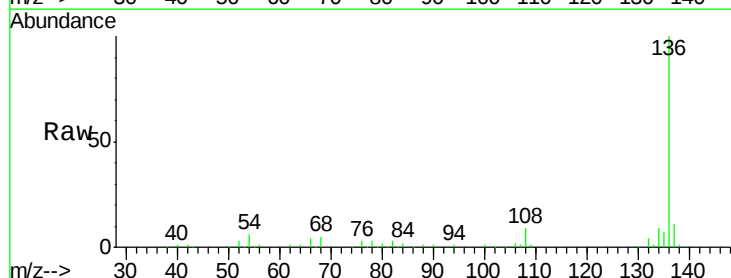
RT: 8.30 min Scan# 622

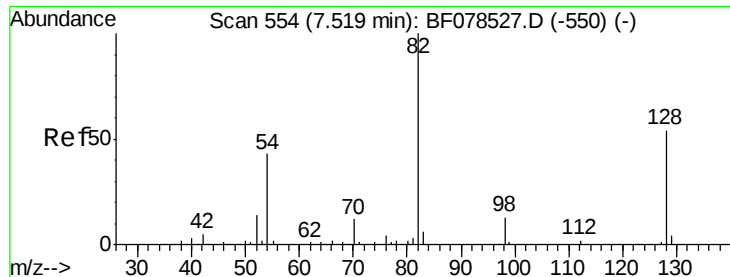
Delta R.T. 0.00 min

Lab File: BF078555.D

Acq: 16 Apr 2015 00:43

Tgt Ion:	136	Resp:	130628
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	5.7	7.0	10.6#
68	4.7	5.4	8.2#





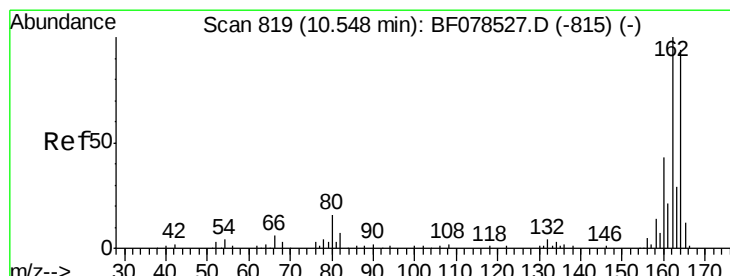
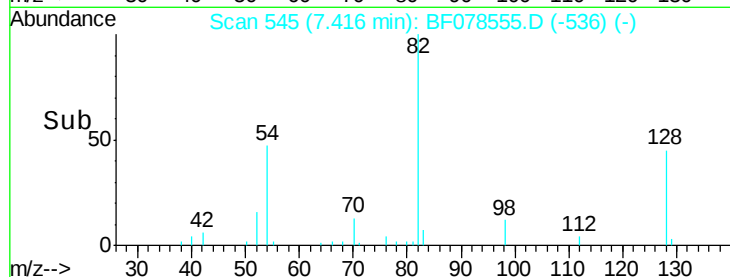
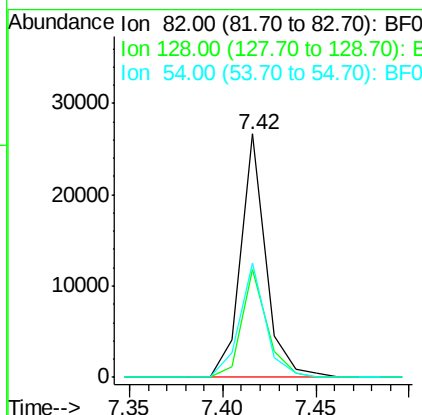
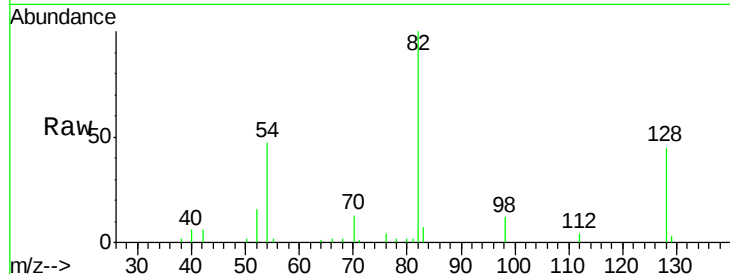
#23
 Nitrobenzene-d5
 Concen: 11.68 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	25167		
128	44.5	31.8	47.8	
54	47.0	41.5	62.3	

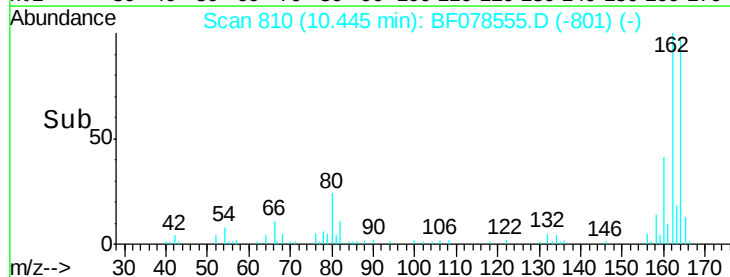
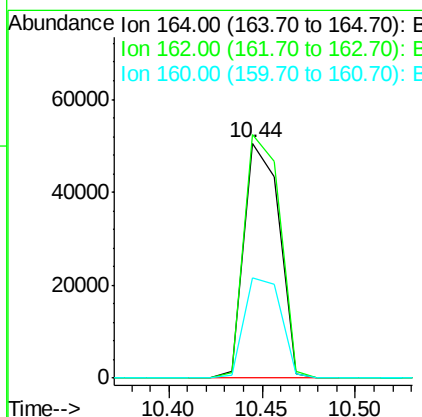
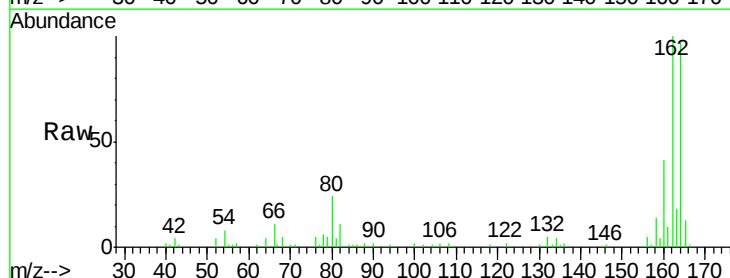
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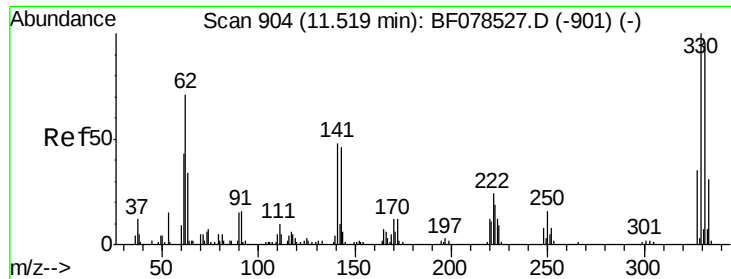
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65970		
162	103.6	82.2	123.2	
160	42.5	34.7	52.1	





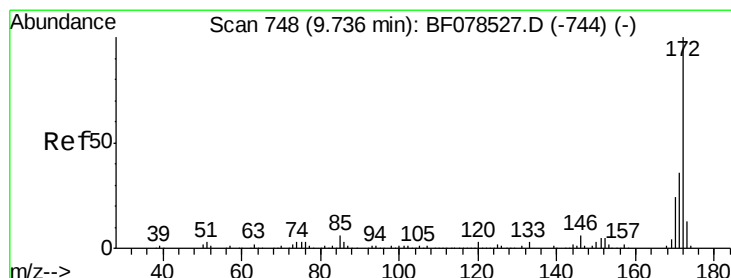
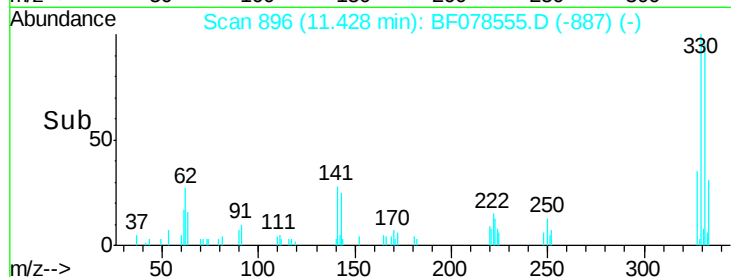
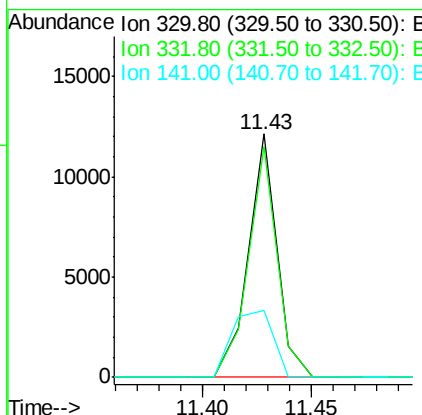
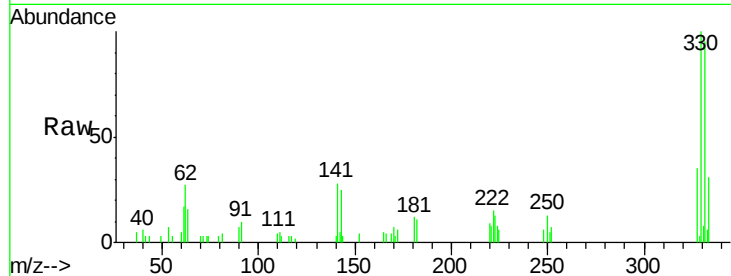
#41
 2,4,6-Tribromophenol
 Concen: 20.20 ng
 RT: 11.43 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.6	117.8
141	39.6	31.2	46.8

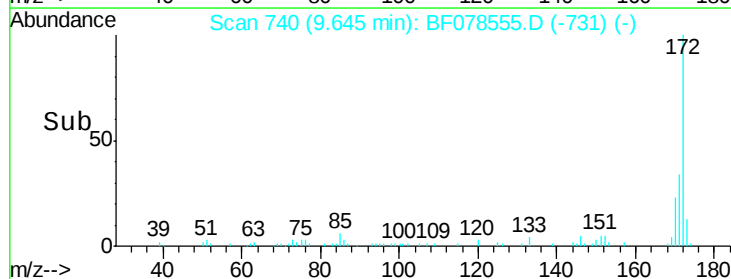
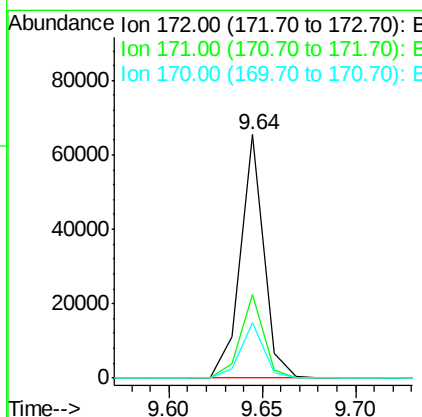
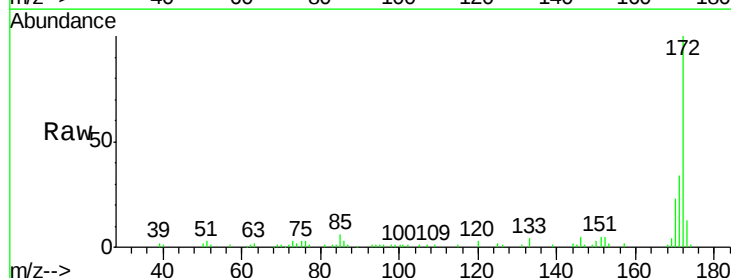
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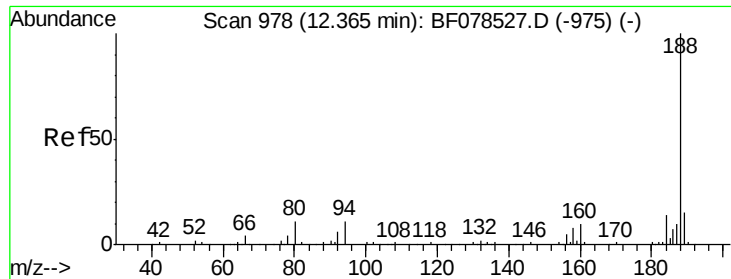
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#44
 2-Fluorobiphenyl
 Concen: 12.42 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

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





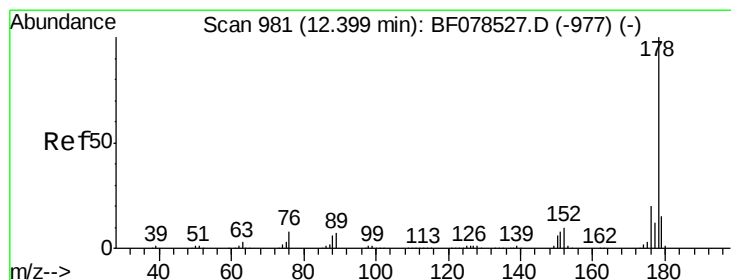
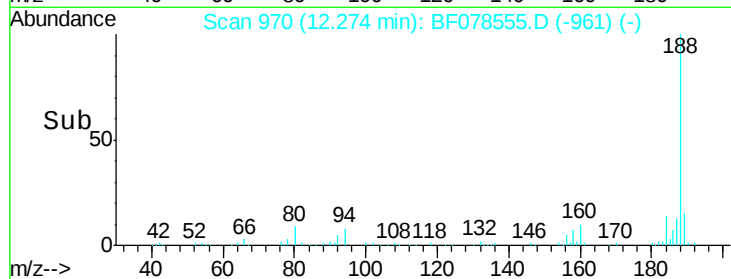
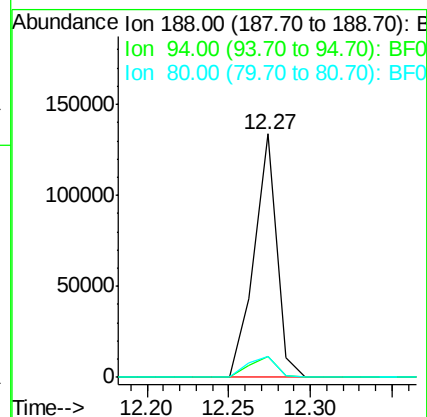
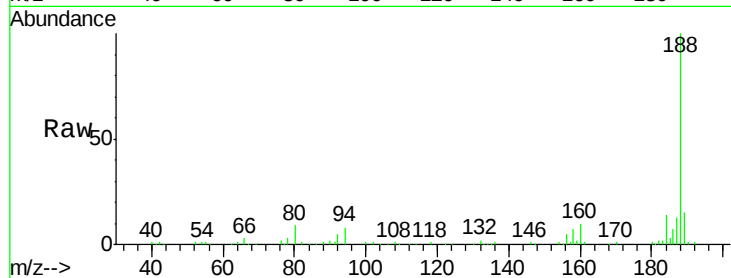
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	9.0	13.4#
80	8.8	9.5	14.3#

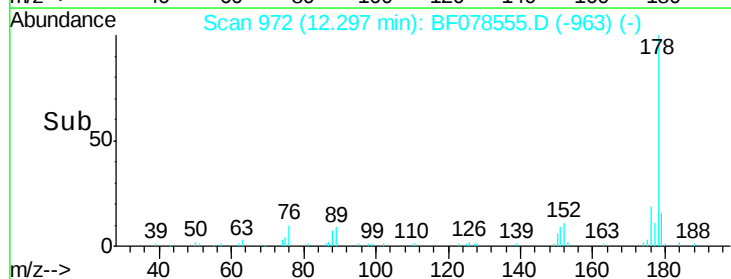
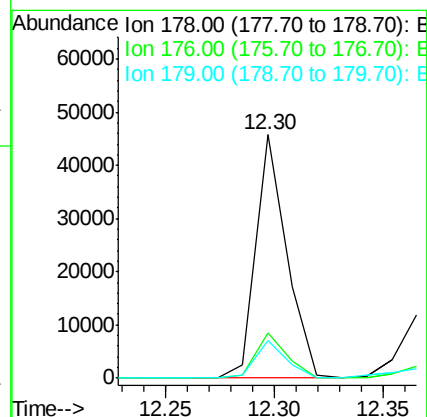
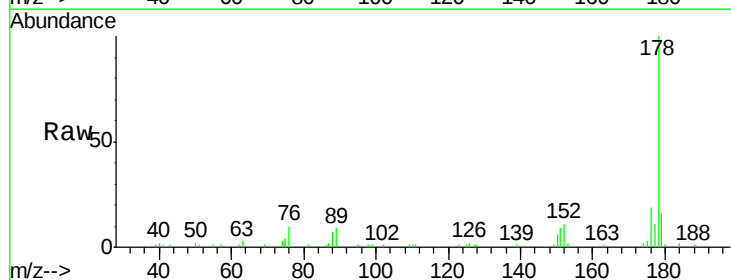
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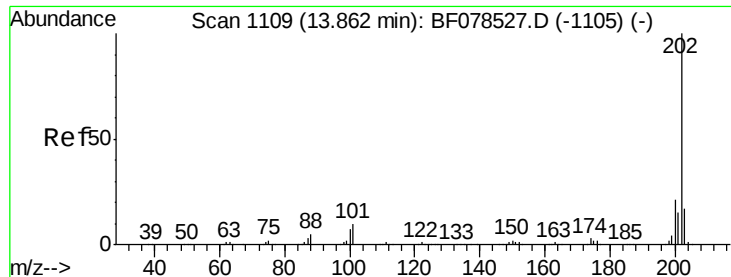
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#70
 Phenanthrene
 Concen: 6.05 ng
 RT: 12.30 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	15.4	23.0
179	15.6	12.2	18.2





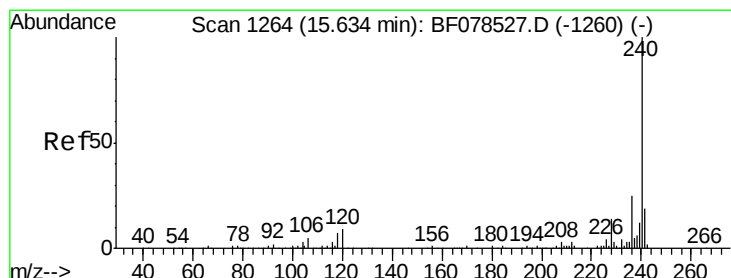
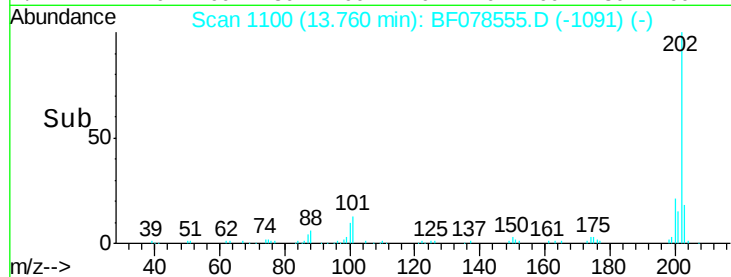
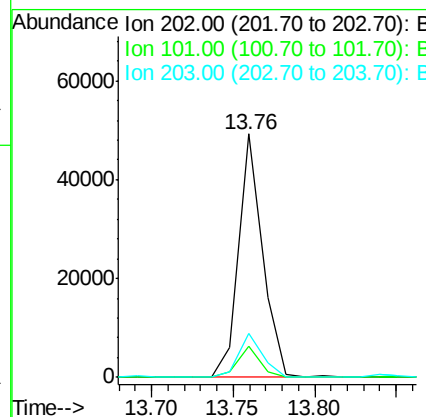
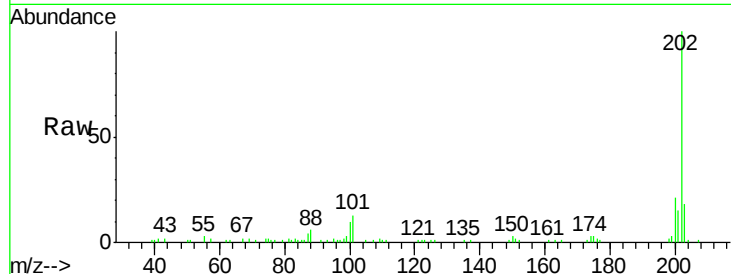
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 Fluoranthene
 Concen: 6.25 ng
 RT: 13.76 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	49455		
101	13.1	0.0	35.2	
203	18.1	0.0	38.5	

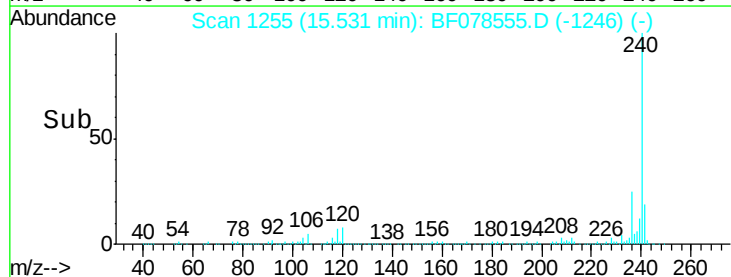
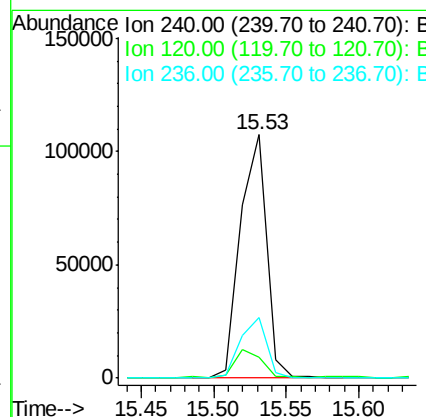
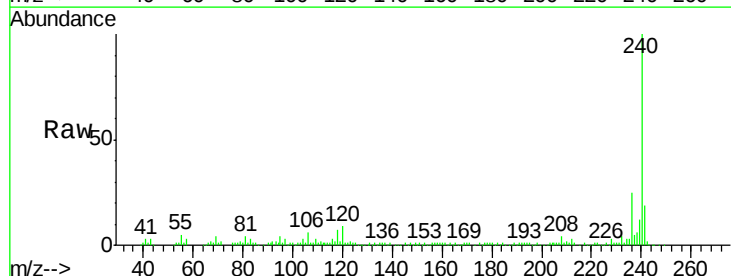
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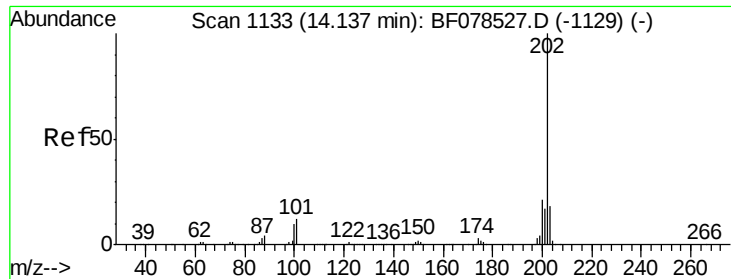
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	135765		
120	8.6	7.1	10.7	
236	24.9	21.4	32.2	





#77

Pyrene

Concen: 5.02 ng

RT: 14.03 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF078555.D

Acq: 16 Apr 2015 00:43

Instrument :

BNA_F

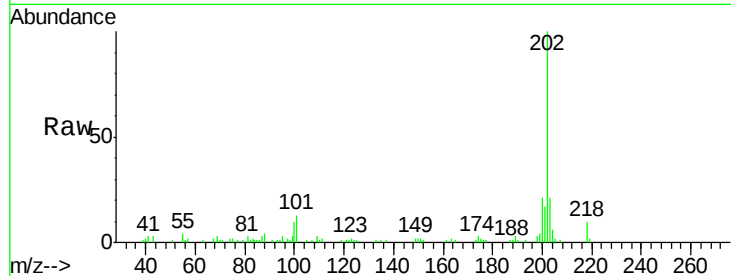
ClientSampleId :

LS-SB15A(6-12)

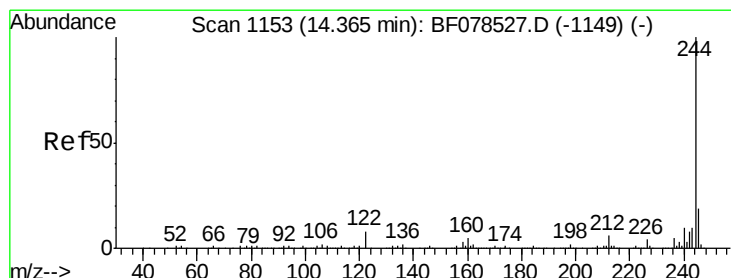
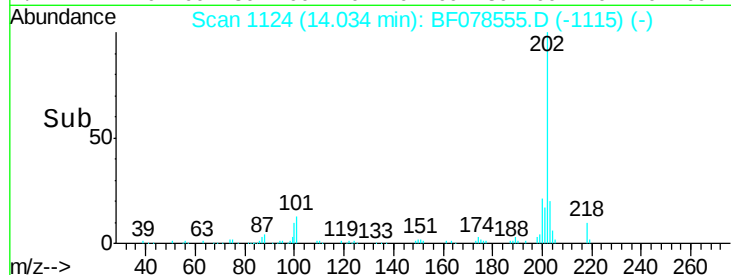
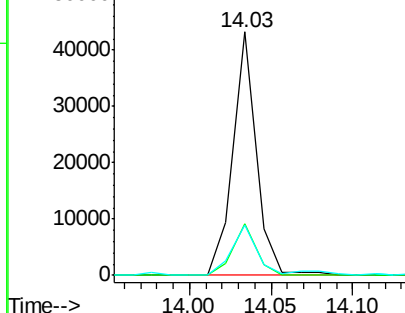
Tgt Ion:	202	Resp:	42761
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.3	24.5
203	20.8	13.8	20.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 9.99 ng

RT: 14.26 min Scan# 1144

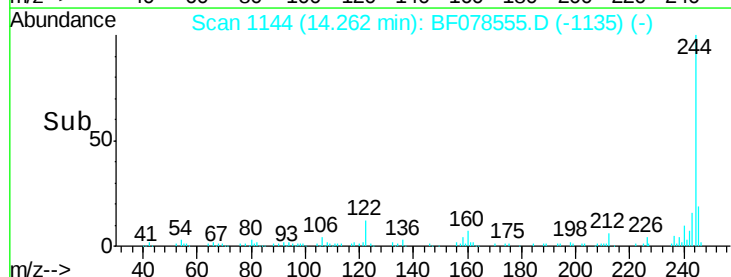
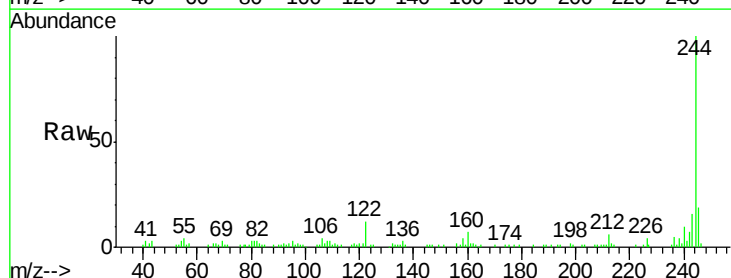
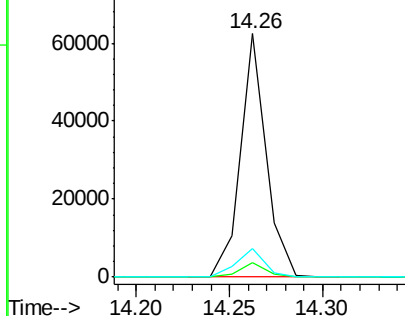
Delta R.T. 0.00 min

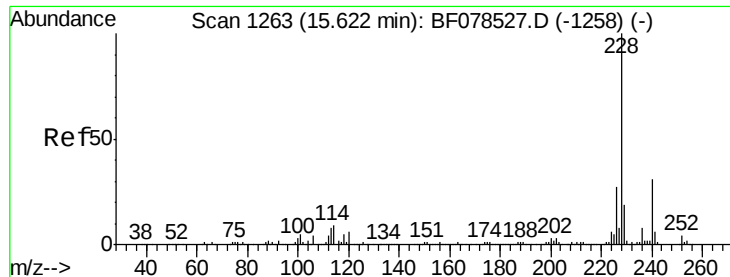
Lab File: BF078555.D

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Tgt Ion:	244	Resp:	60052
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.0	7.4
122	11.7	7.1	10.7

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





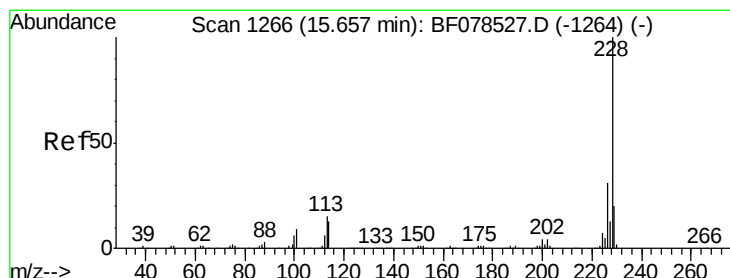
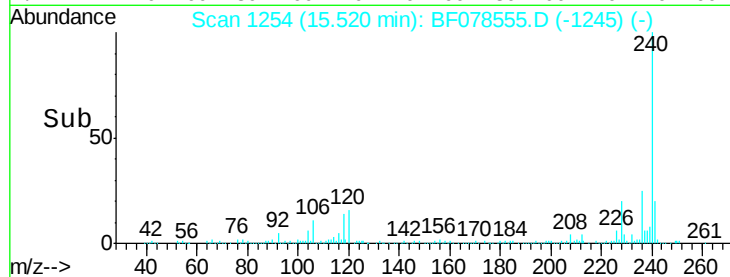
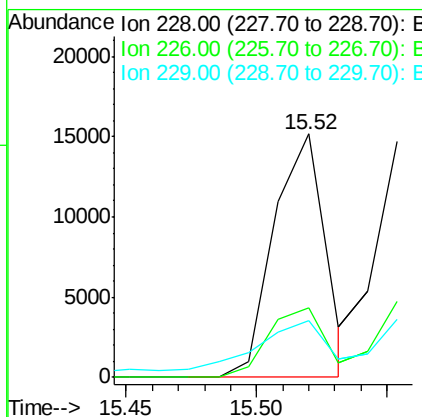
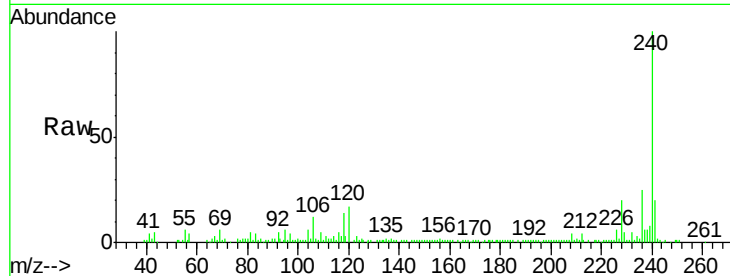
#80
Benzo(a)anthracene
Concen: 2.57 ng
RT: 15.52 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF078555.D
Acq: 16 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
LS-SB15A(6-12)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.3	31.9
229	23.1	15.4	23.2

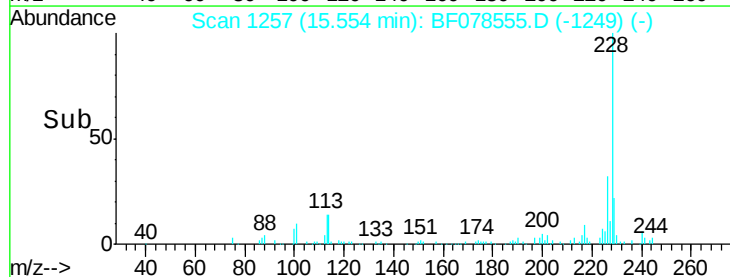
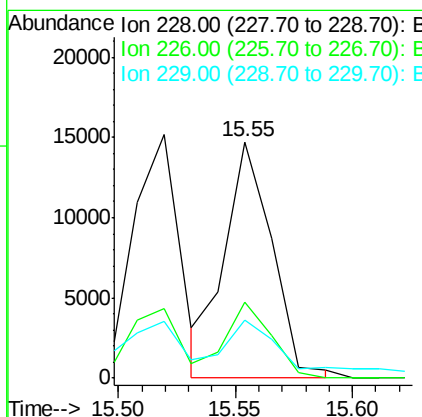
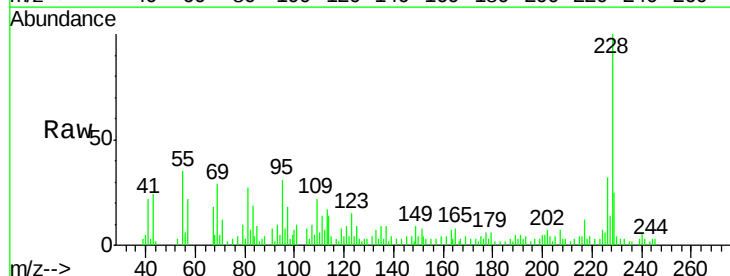
Manual Integrations
APPROVED

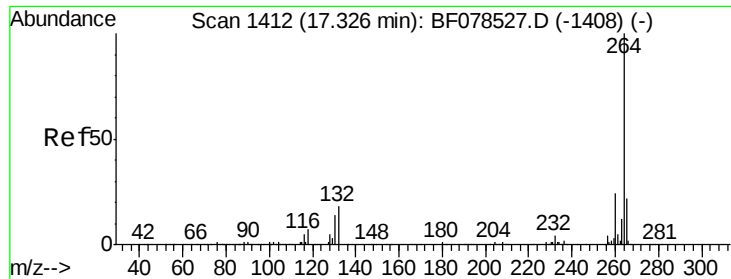
apatel
4/16/2015 3:27:48 PM



#82
Chrysene
Concen: 2.71 ng m
RT: 15.55 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF078555.D
Acq: 16 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.2	36.4
229	24.7	15.8	23.8#





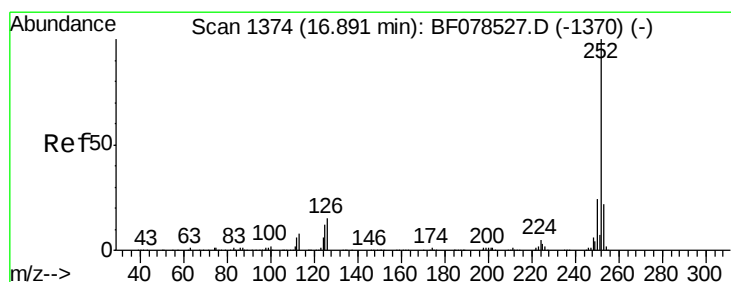
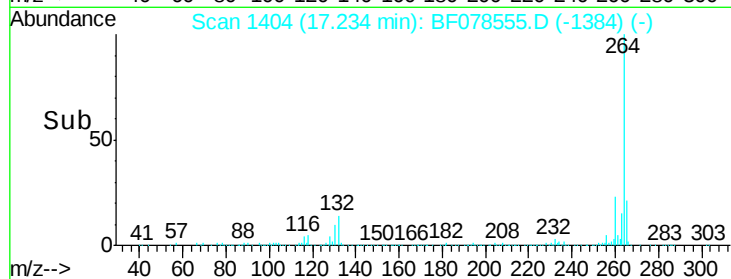
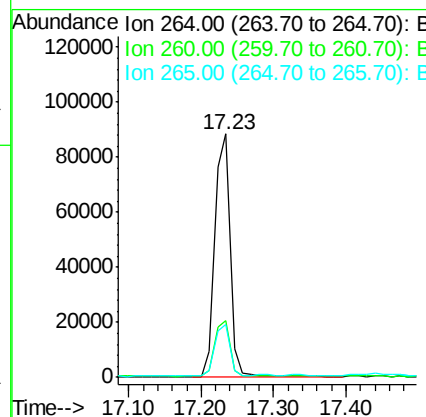
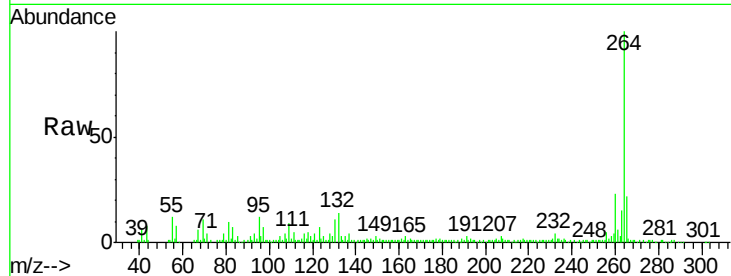
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.23 min Scan# 1404
Delta R.T. -0.07 min
Lab File: BF078555.D
Acq: 16 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
LS-SB15A(6-12)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.8	17.0	25.6

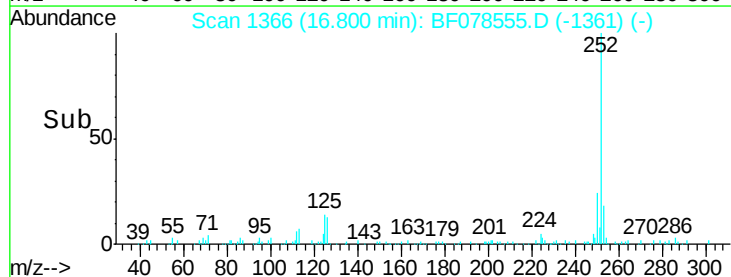
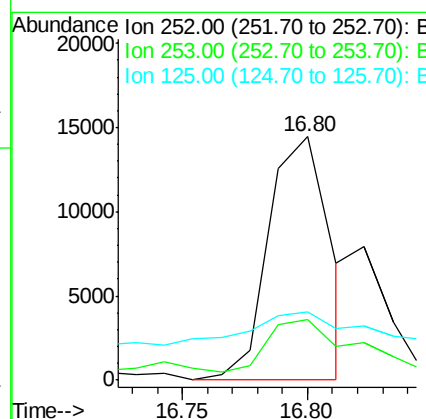
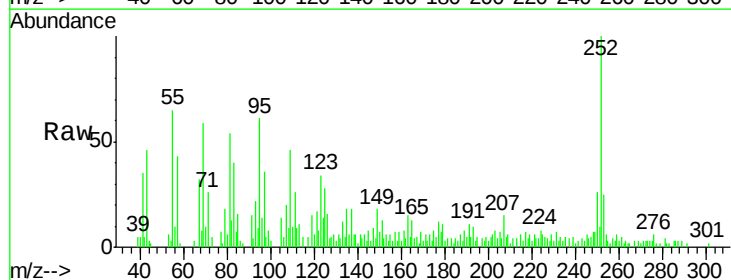
Manual Integrations
APPROVED

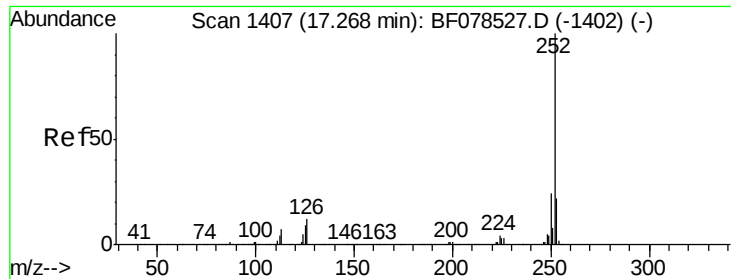
apatel
4/16/2015 3:27:48 PM



#87
Benzo(b)fluoranthene
Concen: 3.03 ng m
RT: 16.80 min Scan# 1366
Delta R.T. -0.05 min
Lab File: BF078555.D
Acq: 16 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	28.0	7.0	10.4





#89
 Benzo(a)pyrene
 Concen: 2.41 ng
 RT: 17.17 min Scan# 1398
 Delta R.T. -0.07 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.8	25.2
125	26.1	7.4	11.0

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:27:48 PM

