

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078629.D
 Acq On : 18 Apr 2015 7:35
 Operator : TP/IZ
 Sample : G1902-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB103

Manual Integrations
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Quant Time: Apr 20 01:12:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:04:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	31471	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	136713	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	75070	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	154828	20.00	ng	0.00
75) Chrysene-d12	15.46	240	183263	20.00	ng	0.00
86) Perylene-d12	17.13	264	181916	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	196855	103.13	ng	0.00
7) Phenol-d6	6.28	99	275975	115.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	165975	73.59	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	80547	129.37	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	279091	53.14	ng	0.00
78) Terphenyl-d14	14.21	244	392341	48.38	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.11	163	26978	4.78	ng	99
74) Fluoranthene	13.70	202	25699	2.72	ng	95
77) Pyrene	13.98	202	29309	2.55	ng	97
80) Benzo(a)anthracene	15.45	228	39643	3.64	ng	96
82) Chrysene	15.49	228	26692	2.61	ng	96
87) Benzo(b)fluoranthene	16.71	252	45982m	4.09	ng	
89) Benzo(a)pyrene	17.06	252	32170	3.28	ng	# 91

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

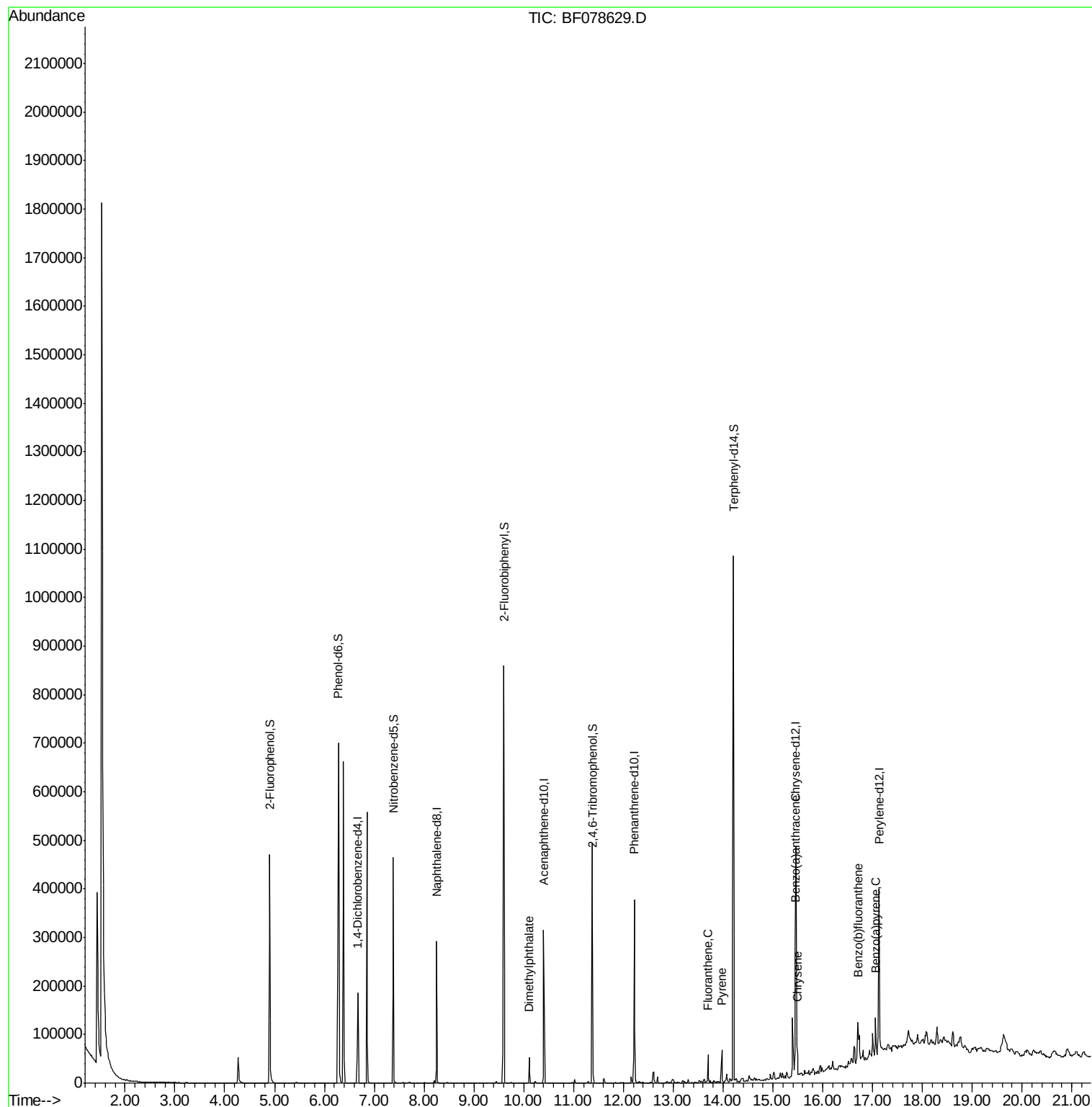
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

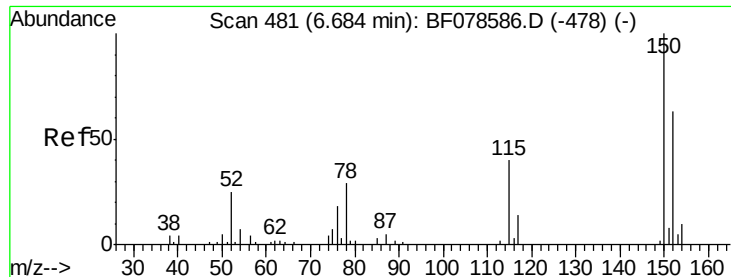
Instrument :
BNA_F
ClientSampleId :
LS-SB103

Manual Integrations
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Quant Time: Apr 20 01:12:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration





#1

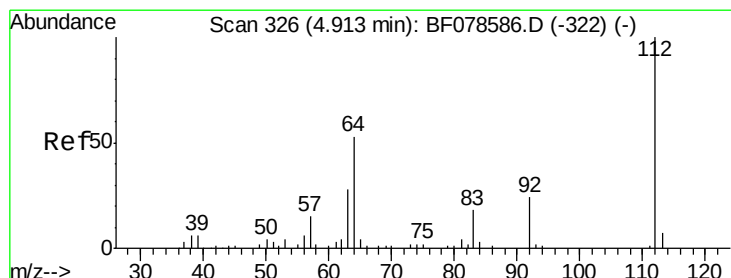
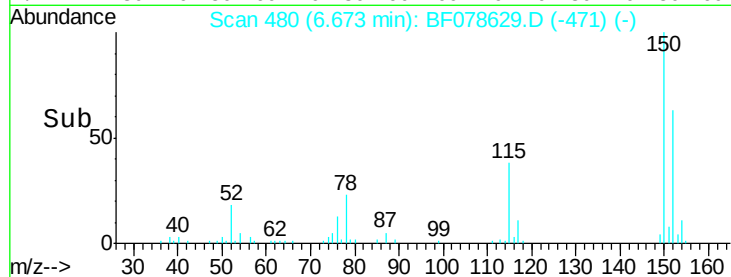
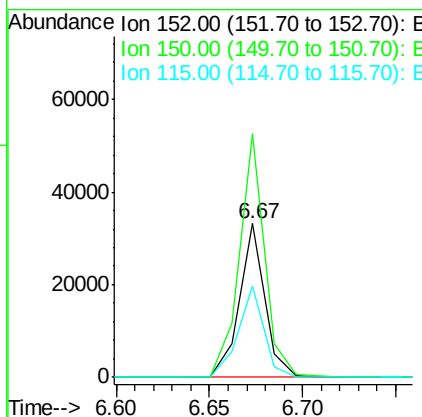
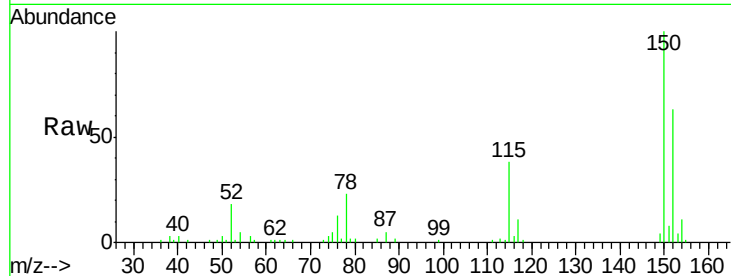
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Instrument :
BNA_F
ClientSampleId :
LS-SB103

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.9	188.9
115	59.4	52.7	79.1

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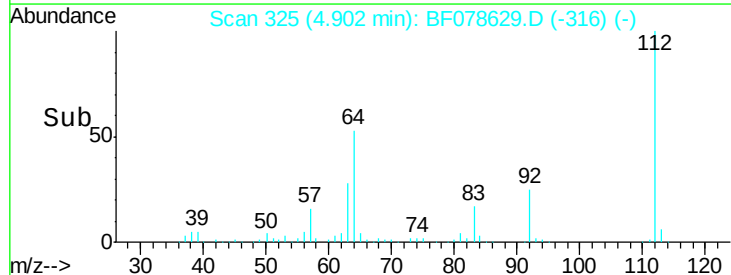
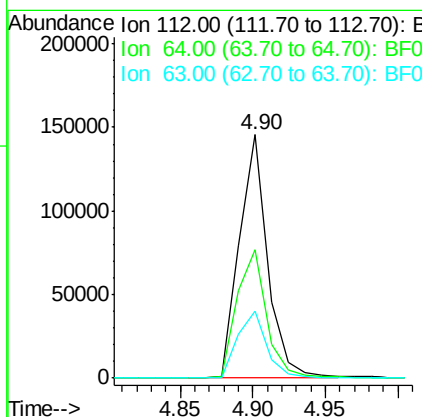
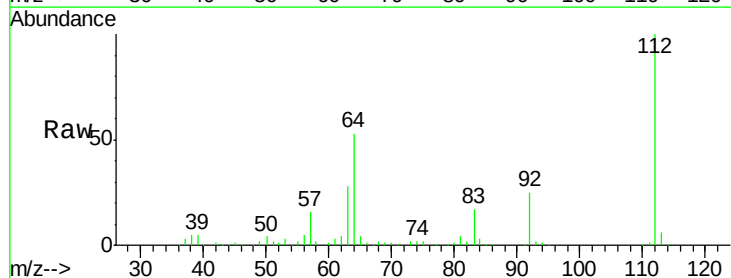
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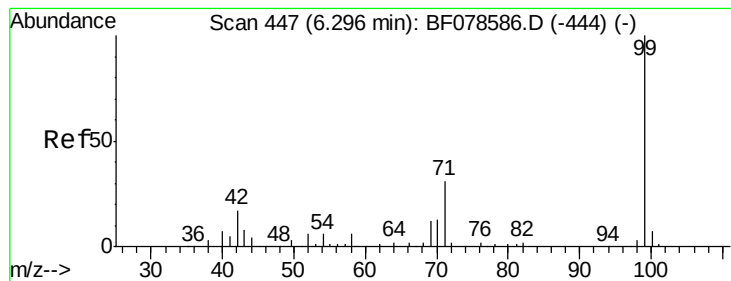


#5

2-Fluorophenol
Concen: 103.13 ng
RT: 4.90 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	39.9	59.9
63	27.5	20.2	30.4





#7

Phenol-d6

Concen: 115.37 ng

RT: 6.28 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF078629.D

Acq: 18 Apr 2015 7:35

Instrument :

BNA_F

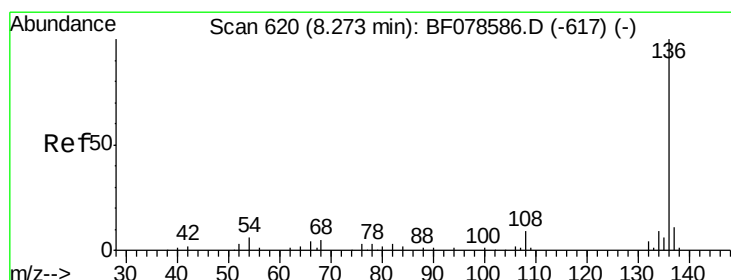
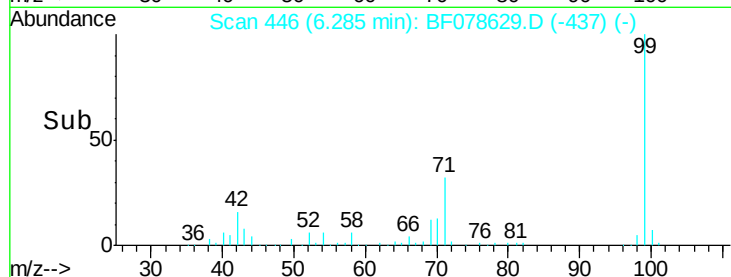
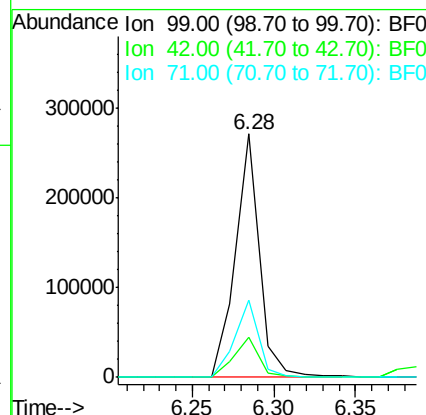
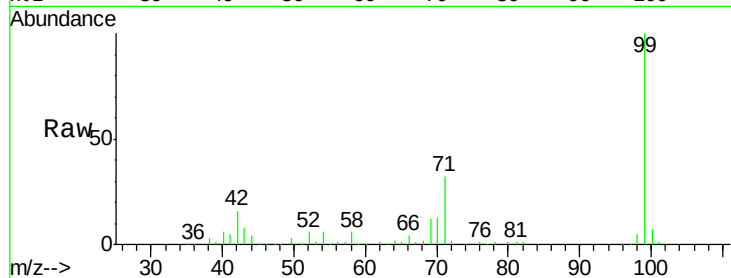
ClientSampleId :

LS-SB103

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		275975		
42	16.4	14.8	22.2		
71	31.6	26.6	39.8		

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#21

Naphthalene-d8

Concen: 20.00 ng

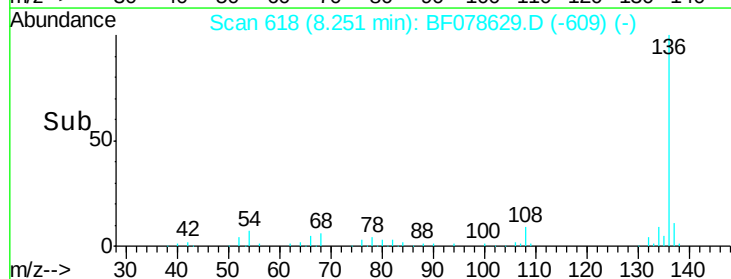
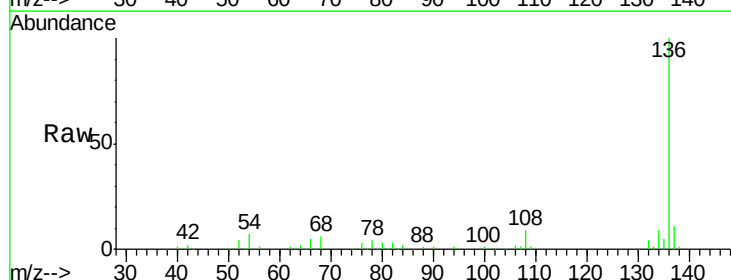
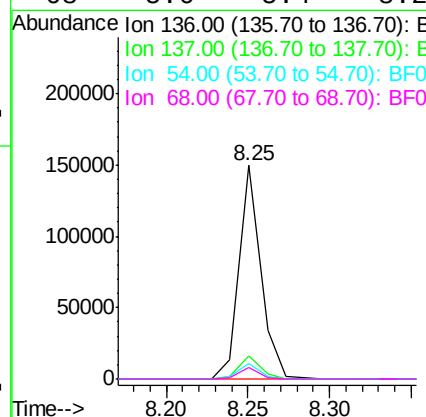
RT: 8.25 min Scan# 618

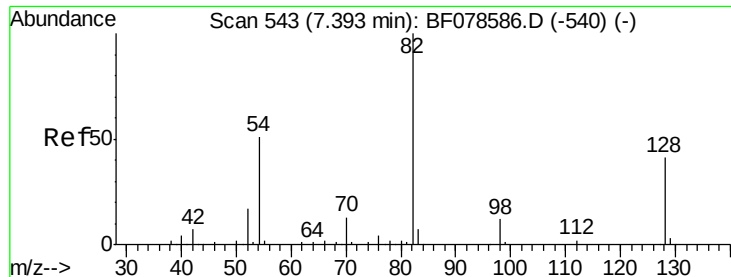
Delta R.T. 0.00 min

Lab File: BF078629.D

Acq: 18 Apr 2015 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		136713		
137	11.1	9.0	13.4		
54	7.1	7.0	10.6		
68	5.6	5.4	8.2		





#23

Nitrobenzene-d5

Concen: 73.59 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078629.D

Acq: 18 Apr 2015 7:35

Instrument :

BNA_F

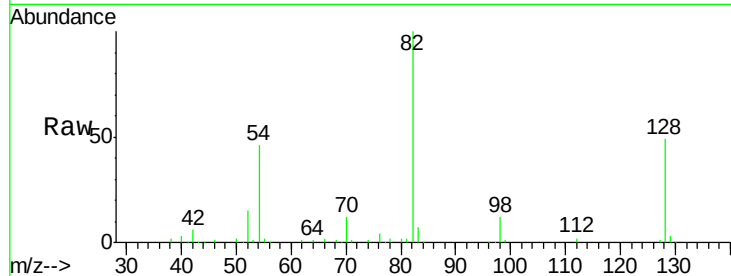
ClientSampleId :

LS-SB103

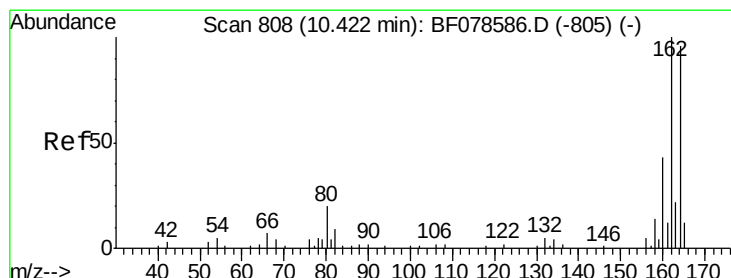
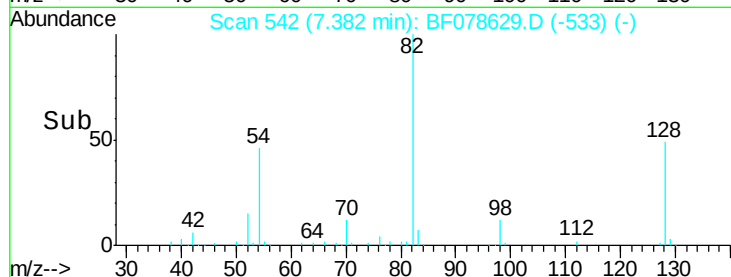
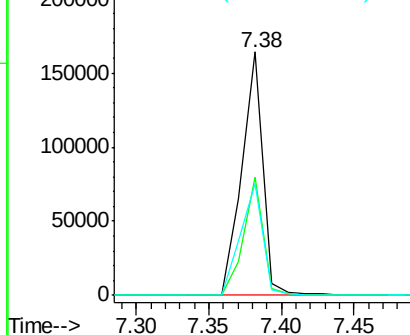
Tot Ion:	82	Resp:	165975
Ion Ratio		Lower	Upper
82	100		
128	48.8	31.8	47.8#
54	46.0	41.5	62.3

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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: 10.40 min Scan# 806

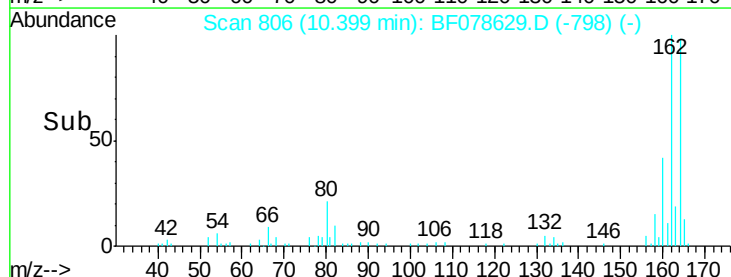
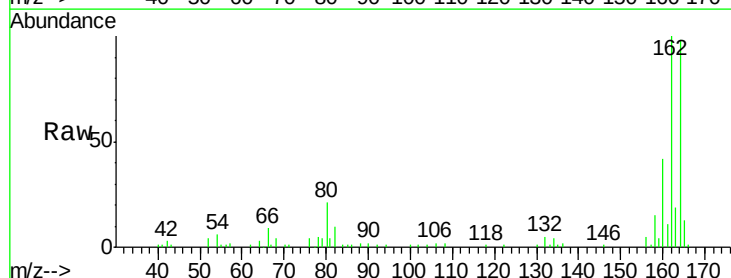
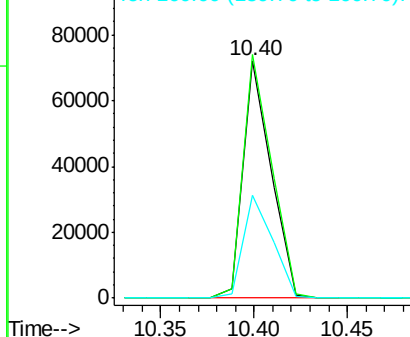
Delta R.T. -0.01 min

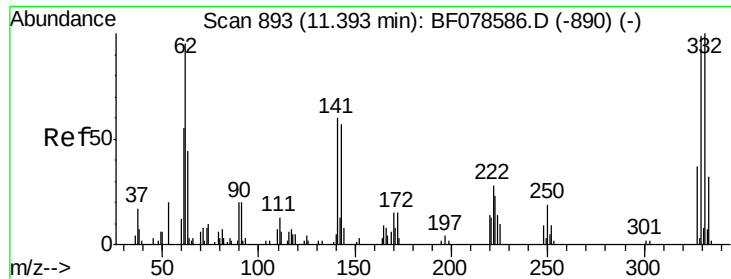
Lab File: BF078629.D

Acq: 18 Apr 2015 7:35

Tgt Ion:	164	Resp:	75070
Ion Ratio		Lower	Upper
164	100		
162	102.4	82.2	123.2
160	43.2	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





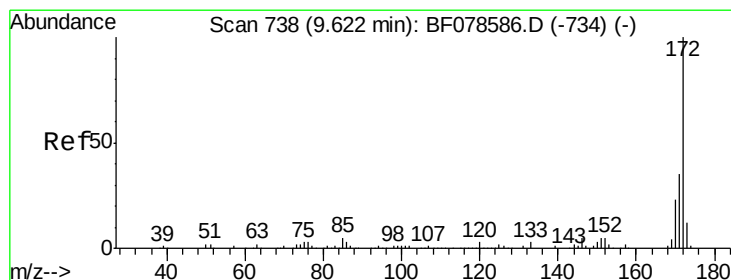
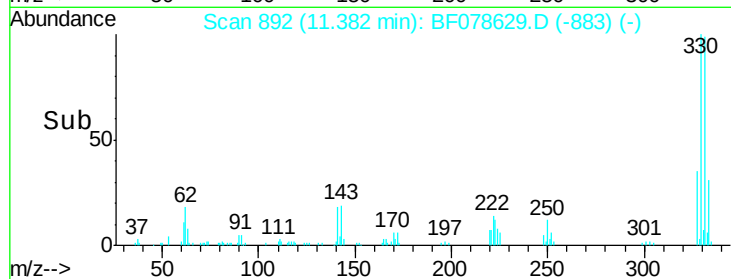
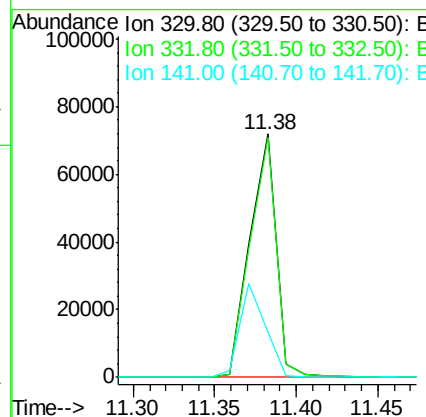
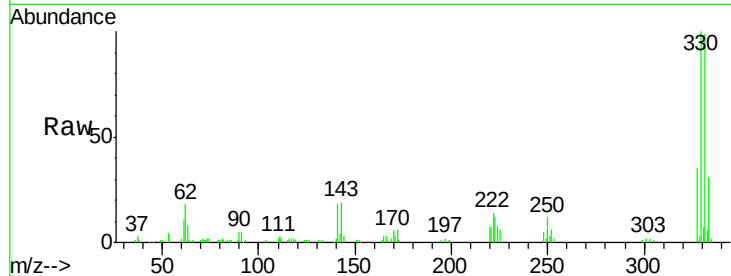
#41
 2,4,6-Tribromophenol
 Concen: 129.37 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078629.D
 Acq: 18 Apr 2015 7:35

Instrument :
 BNA_F
 ClientSampleID :
 LS-SB103

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.1	78.6	117.8	
141	37.4	31.2	46.8	

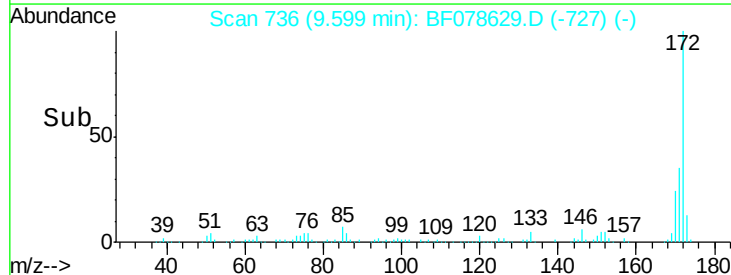
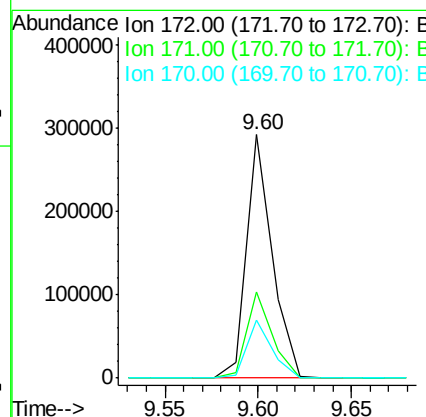
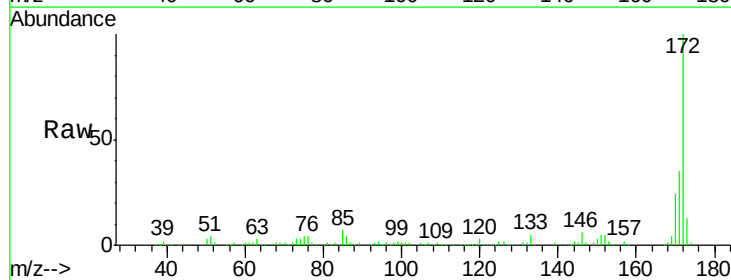
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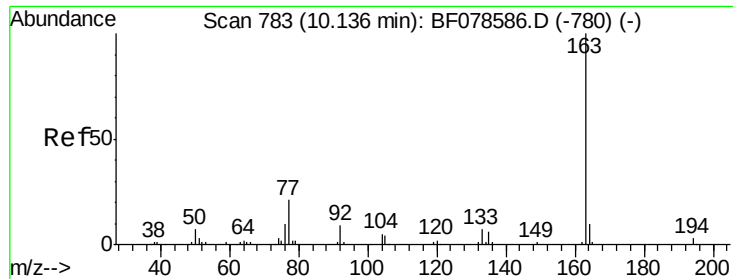
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#44
 2-Fluorobiphenyl
 Concen: 53.14 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078629.D
 Acq: 18 Apr 2015 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	28.6	42.8	
170	23.8	18.5	27.7	





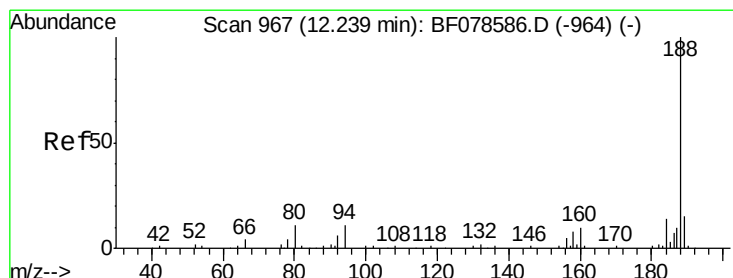
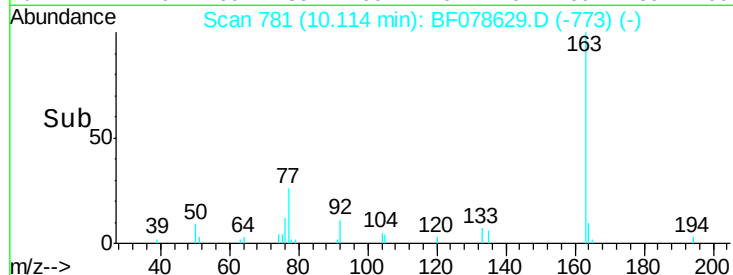
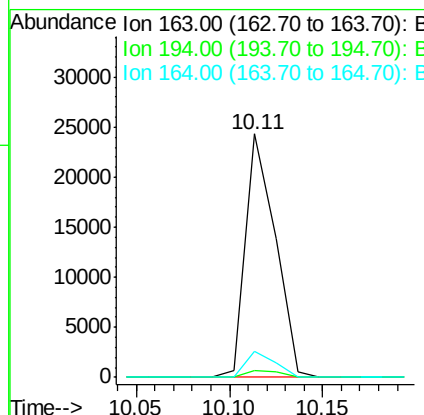
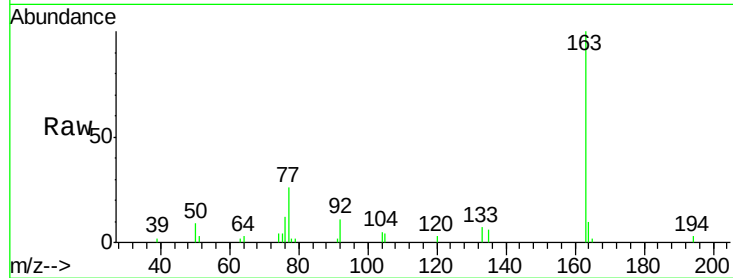
#49
Dimethylphthalate
Concen: 4.78 ng
RT: 10.11 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Instrument :
BNA_F
ClientSampleId :
LS-SB103

Tot Ion	Ratio	Resp	Lower	Upper
163	100	26978		
194	3.0		2.3	3.5
164	10.5		8.6	13.0

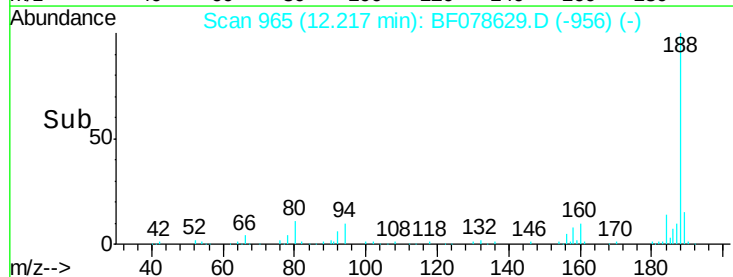
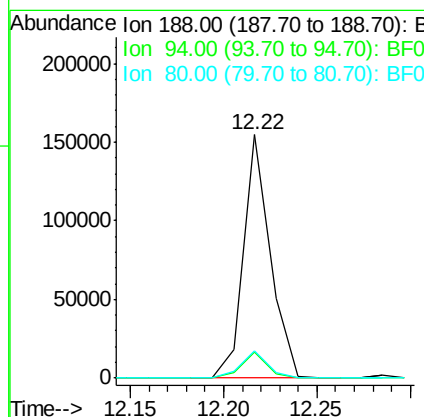
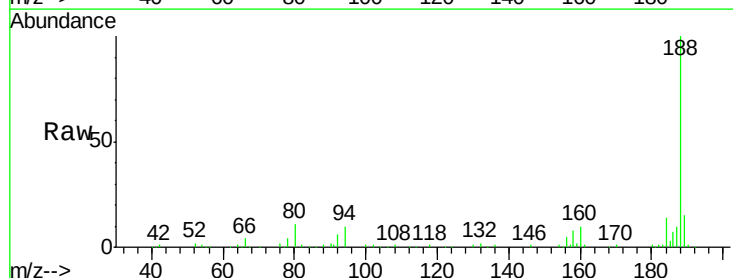
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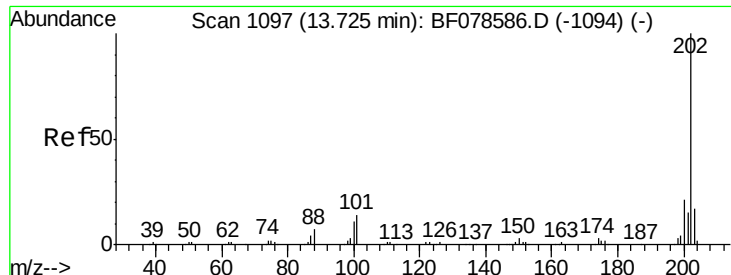
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	154828		
94	10.5		9.0	13.4
80	11.4		9.5	14.3





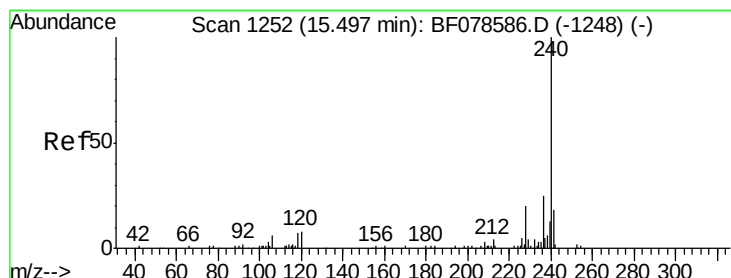
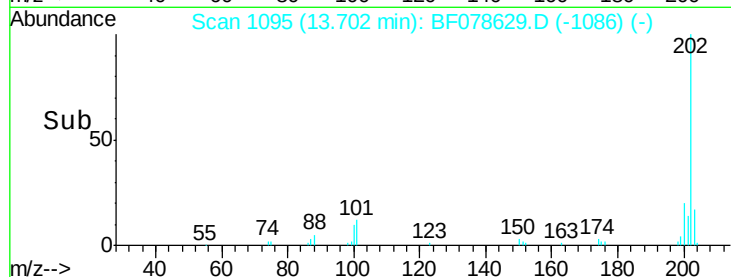
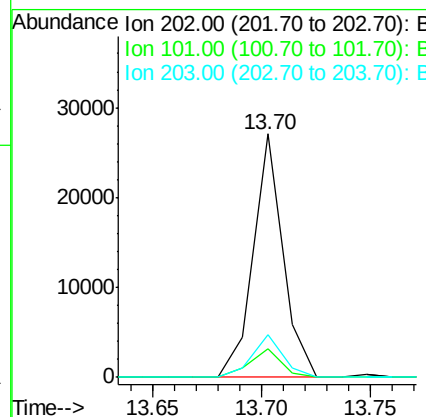
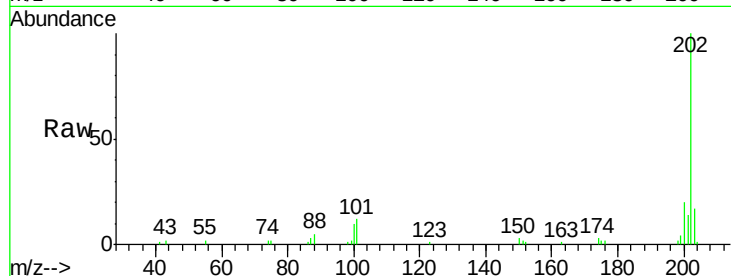
#74
Fluoranthene
Concen: 2.72 ng
RT: 13.70 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Instrument :
BNA_F
ClientSampleId :
LS-SB103

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	35.2
203	17.3	0.0	38.5

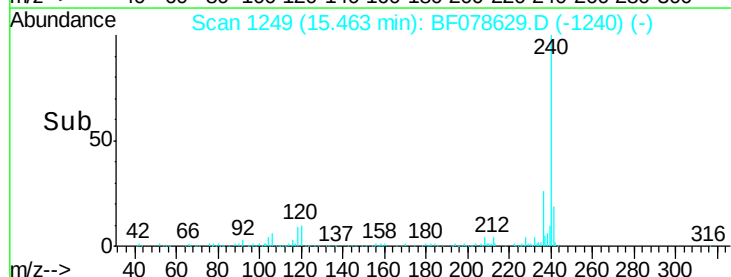
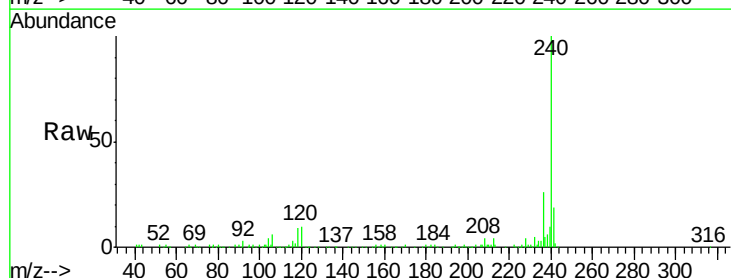
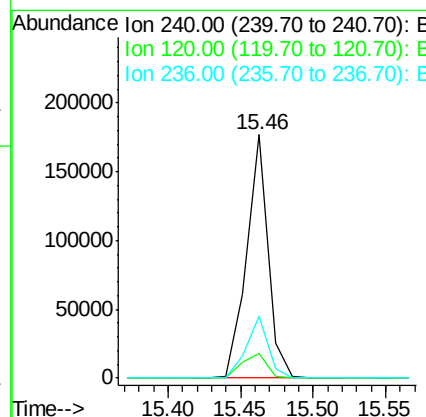
Manual Integrations
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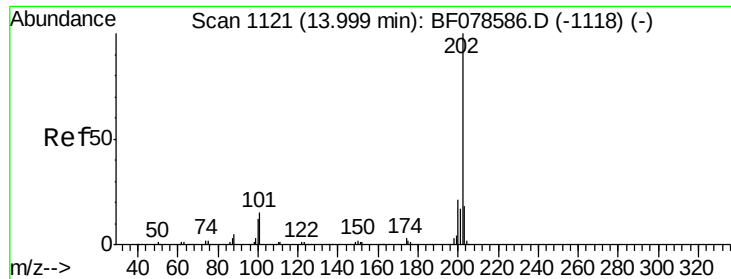
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	7.1	10.7
236	25.5	21.4	32.2





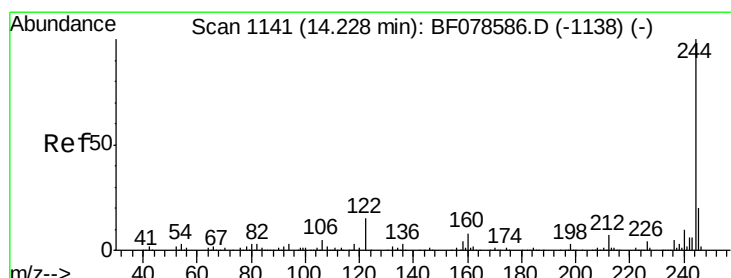
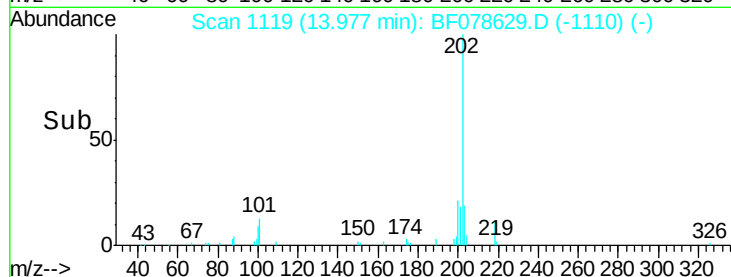
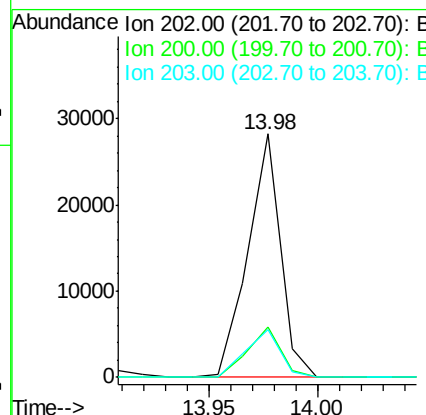
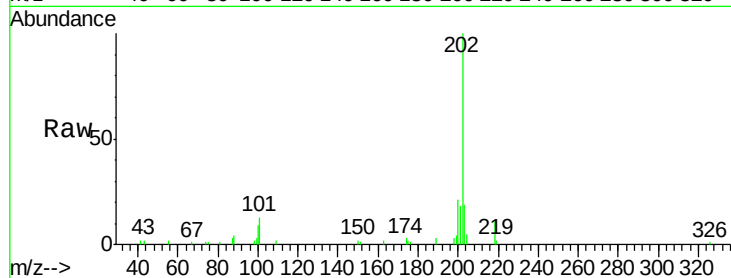
#77
Pvrene
Concen: 2.55 ng
RT: 13.98 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Instrument :
BNA_F
ClientSampleId :
LS-SB103

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	16.3	24.5
203	19.4	13.8	20.6

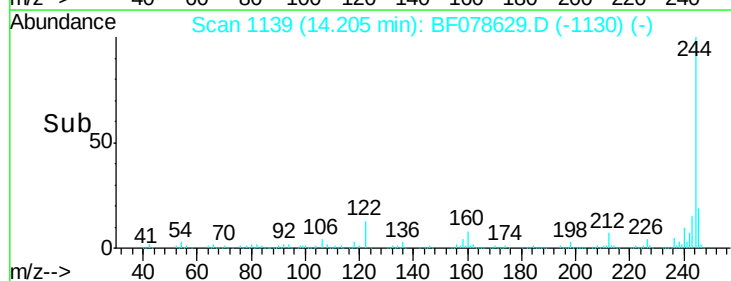
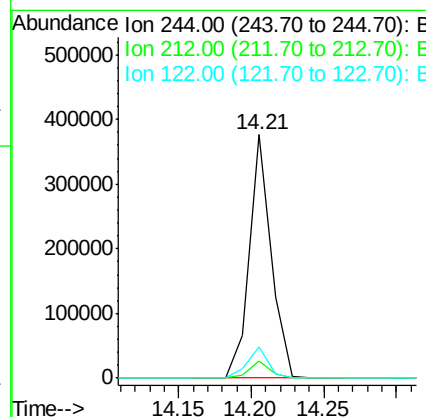
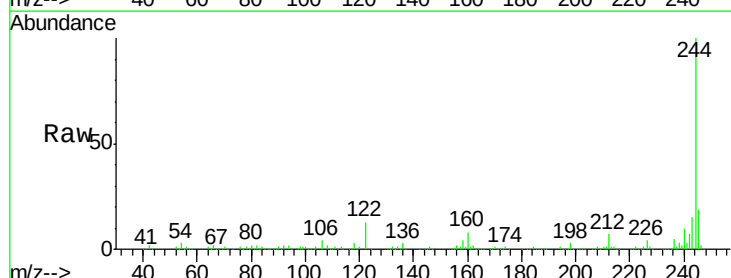
Manual Integrations
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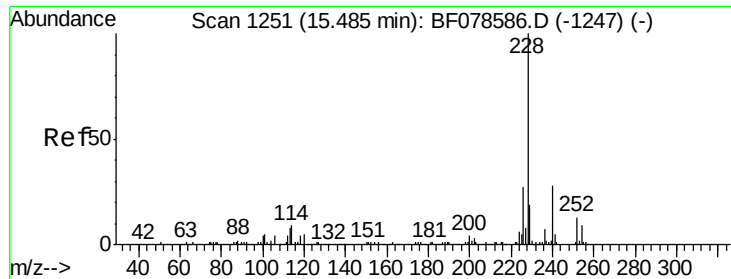
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#78
Terphenyl-d14
Concen: 48.38 ng
RT: 14.21 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.0	7.4
122	13.0	7.1	10.7#





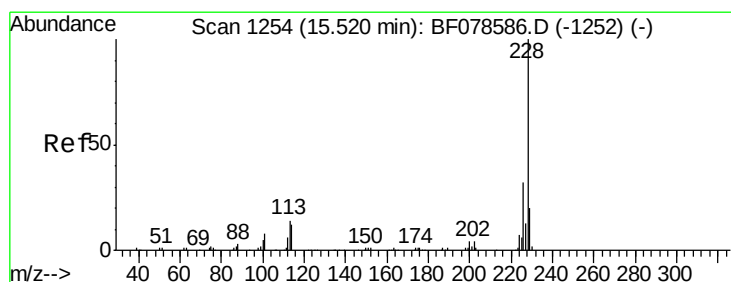
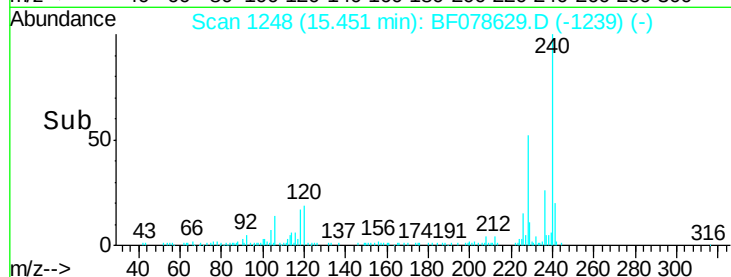
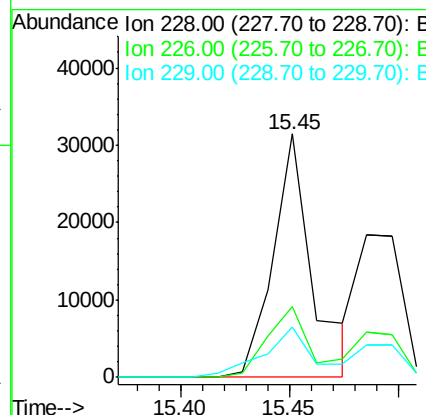
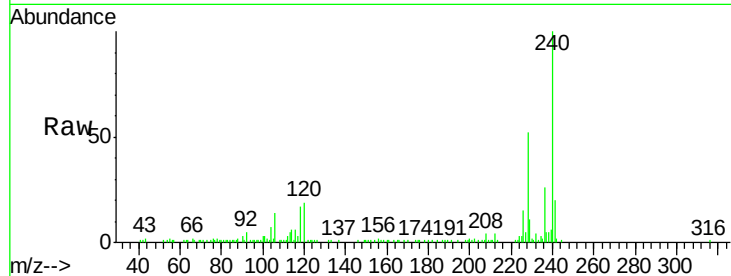
#80
Benzo(a)anthracene
Concen: 3.64 ng
RT: 15.45 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Instrument :
BNA_F
ClientSampleId :
LS-SB103

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.3	31.9
229	20.7	15.4	23.2

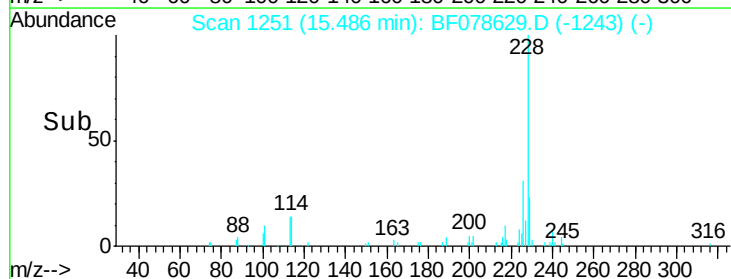
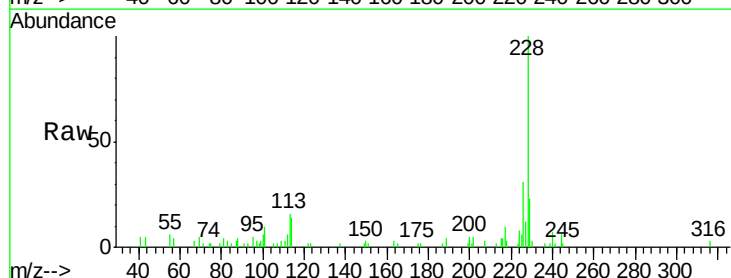
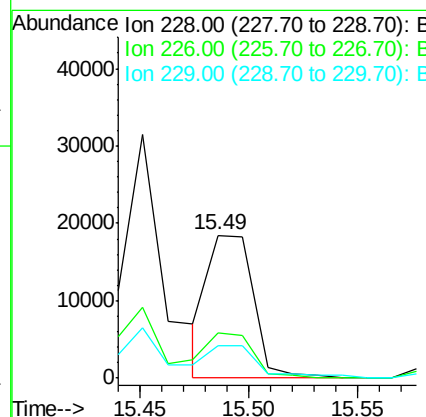
Manual Integrations
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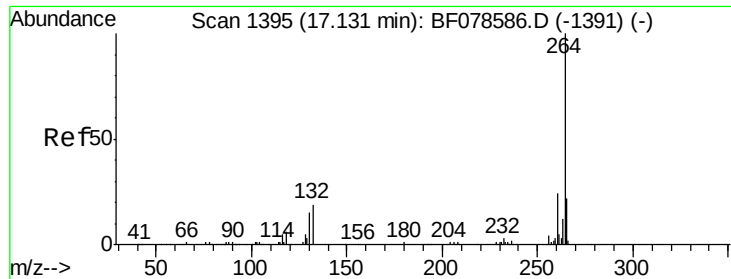
apatel
4/20/2015 3:57:15 PM



#82
Chrysene
Concen: 2.61 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.4
229	23.0	15.8	23.8





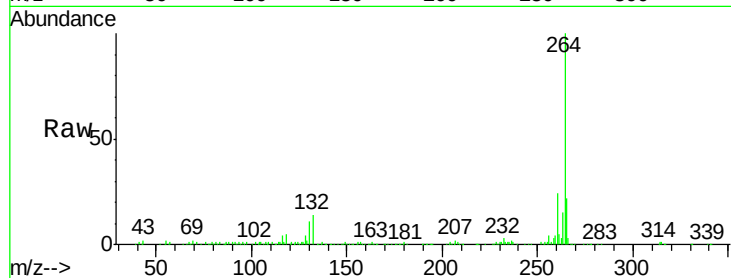
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Instrument :
BNA_F
ClientSampleId :
LS-SB103

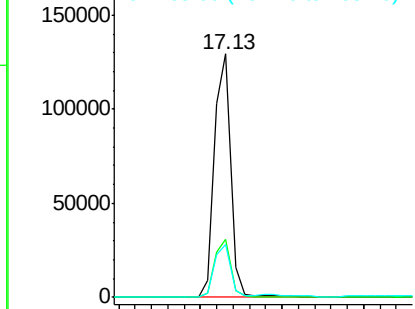
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	17.0	25.6

Manual Integrations
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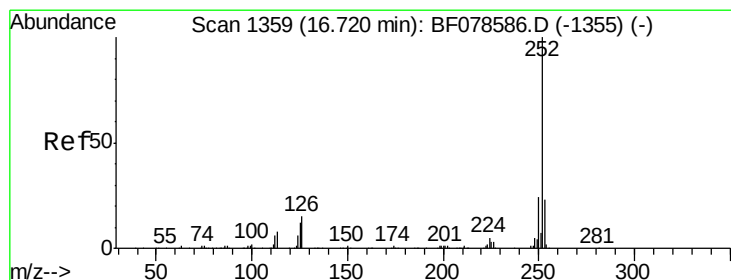
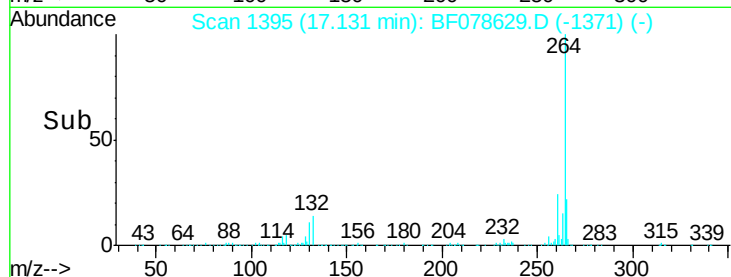
apatel
4/20/2015 3:57:15 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



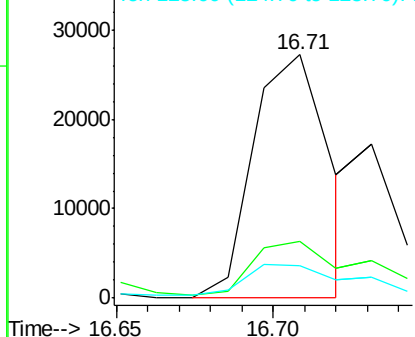
Time--> 17.00 17.10 17.20 17.30



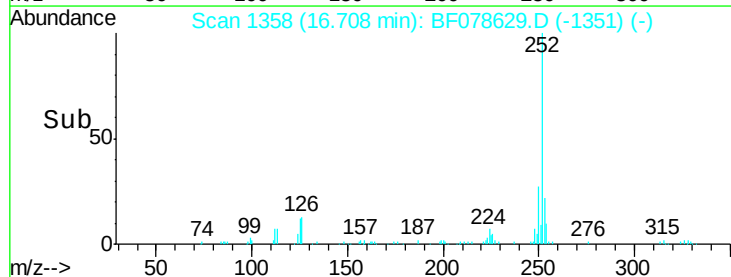
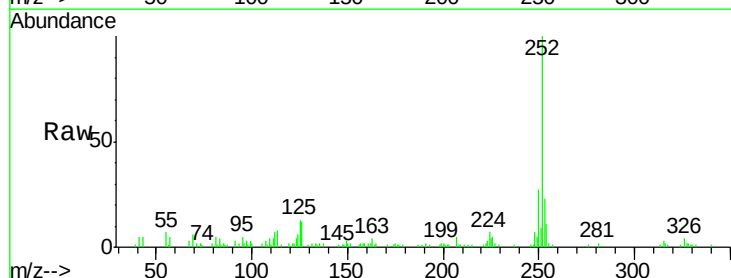
#87
Benzo(b)fluoranthene
Concen: 4.09 ng m
RT: 16.71 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

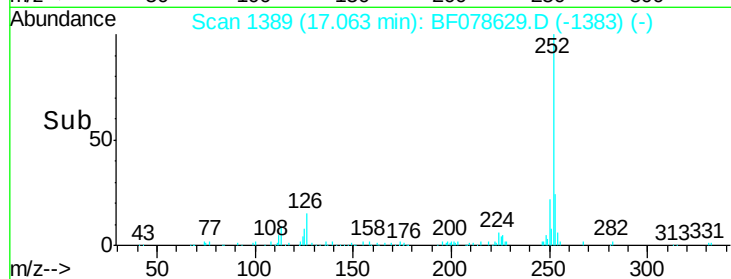
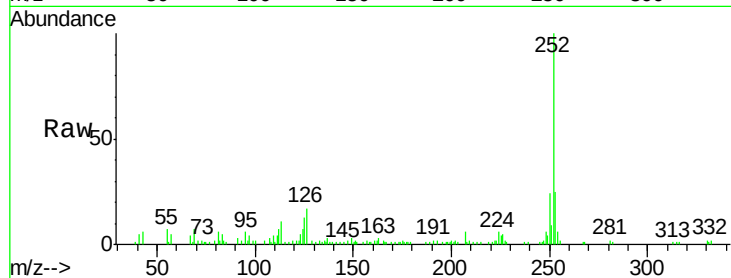
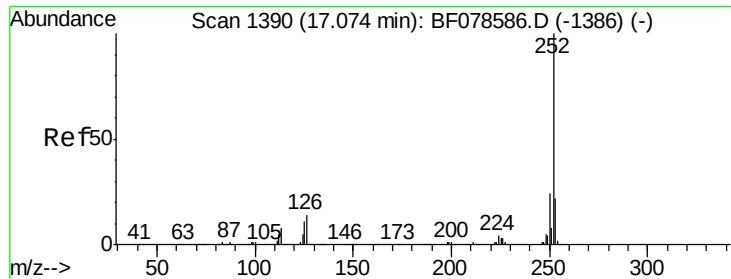
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	13.4	7.0	10.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 16.65 16.70 16.75 16.80





#89

Benzo(a)pyrene

Concen: 3.28 ng

RT: 17.06 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BF078629.D

Acq: 18 Apr 2015 7:35

Instrument :

BNA_F

ClientSampleId :

LS-SB103

Tot Ion:	252	Resp:	32170
Ion Ratio	Lower	Upper	
252	100		
253	24.7	16.8	25.2
125	13.3	7.4	11.0

Manual Integrations
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apatel
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