

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079646.D
 Acq On : 31 May 2015 21:31
 Operator : TP/IZ
 Sample : G2408-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19D

Manual Integrations
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Quant Time: Jun 01 05:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	60233	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	252381	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	127312	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	249059	20.00	ng	0.00
75) Chrysene-d12	15.75	240	260015	20.00	ng	0.00
86) Perylene-d12	17.44	264	268912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	382220	110.06	ng	0.01
7) Phenol-d6	6.50	99	502773	113.59	ng	0.00
23) Nitrobenzene-d5	7.61	82	288469	66.07	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	162129	115.94	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	567812	63.63	ng	0.01
78) Terphenyl-d14	14.48	244	676903	61.10	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.34	163	73437	7.83	ng	99
70) Phenanthrene	12.51	178	104815	7.67	ng	98
71) Anthracene	12.57	178	34539	2.49	ng	98
74) Fluoranthene	13.98	202	111295	7.60	ng	95
77) Pyrene	14.25	202	104435	6.48	ng	# 94
80) Benzo(a)anthracene	15.74	228	61678m	4.12	ng	
82) Chrysene	15.78	228	51388	3.61	ng	98
87) Benzo(b)fluoranthene	17.02	252	59400m	3.87	ng	

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

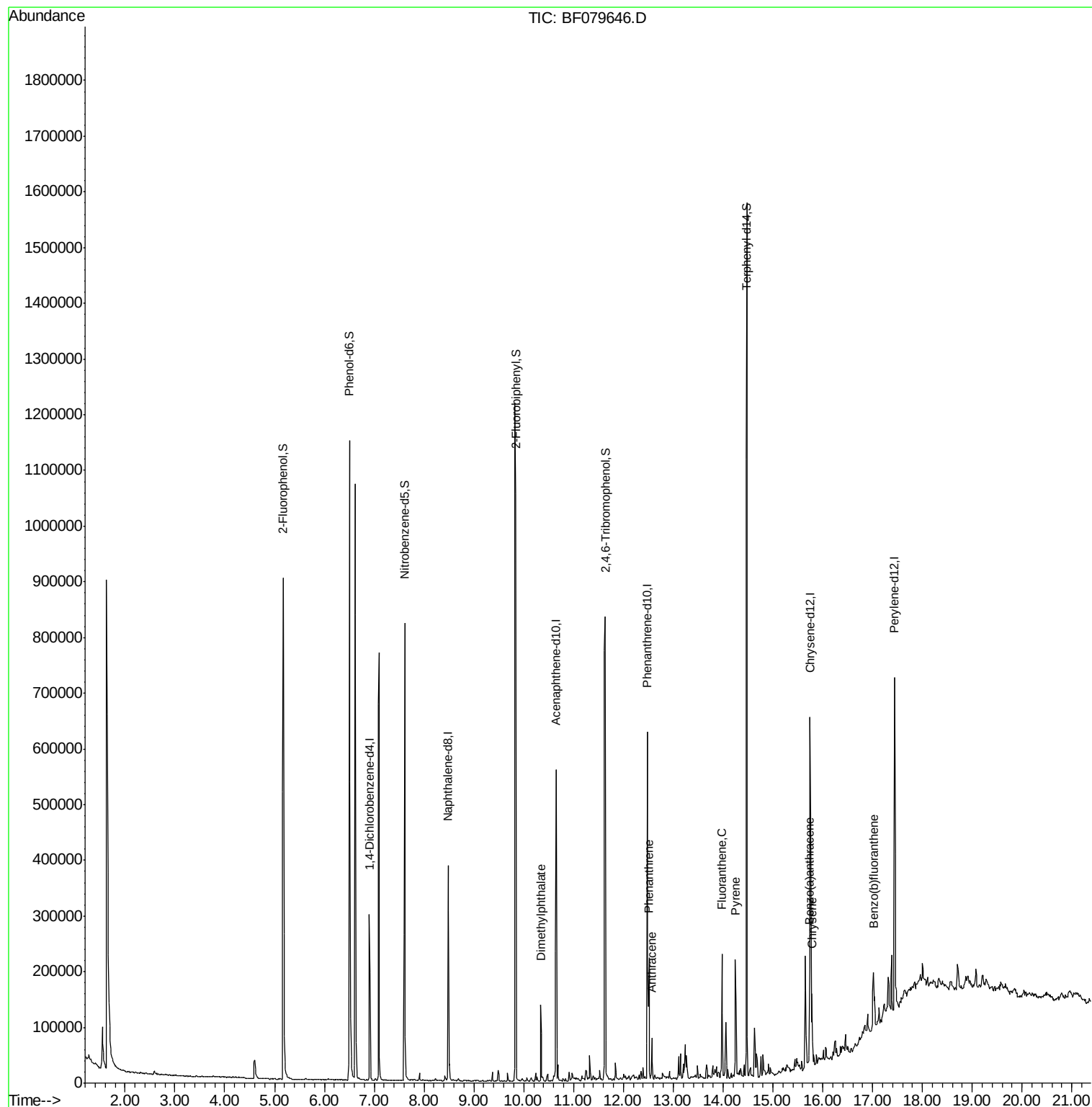
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079646.D
Acq On : 31 May 2015 21:31
Operator : TP/IZ
Sample : G2408-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

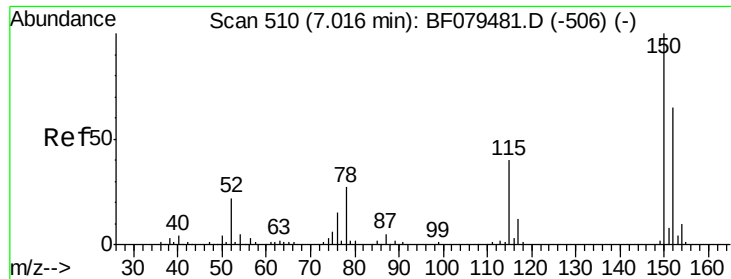
Instrument :
BNA_F
ClientSampleId :
SB-19D

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Quant Time: Jun 01 05:26:58 2015
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Response via : Initial Calibration





#1

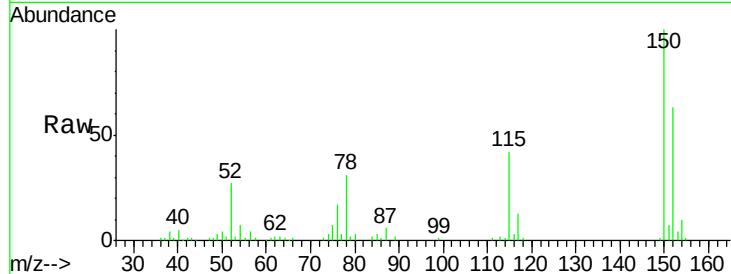
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF079646.D
Acq: 31 May 2015 21:31

Instrument :
BNA_F
ClientSampled :
SB-19D

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	60233		
150	159.9	124.0	186.0	
115	66.7	49.6	74.4	

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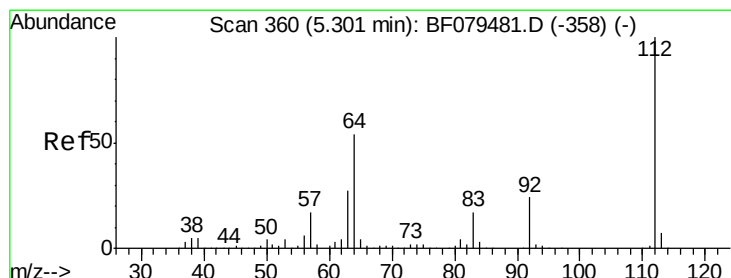
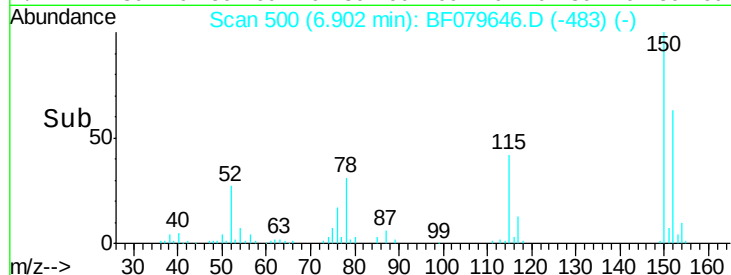
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

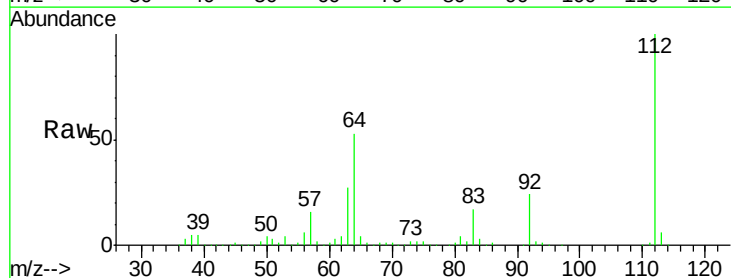
Time-->



#5

2-Fluorophenol
Concen: 110.06 ng
RT: 5.18 min Scan# 349
Delta R.T. 0.01 min
Lab File: BF079646.D
Acq: 31 May 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	382220		
64	52.7	43.5	65.3	
63	27.0	21.8	32.8	



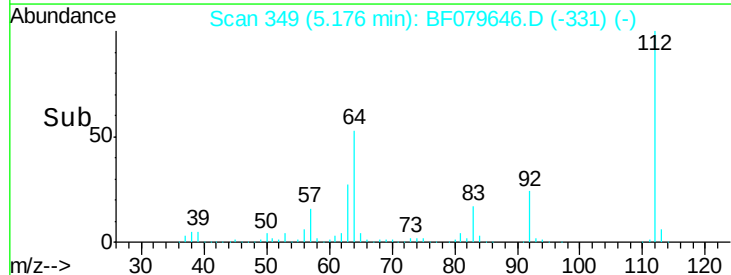
Abundance

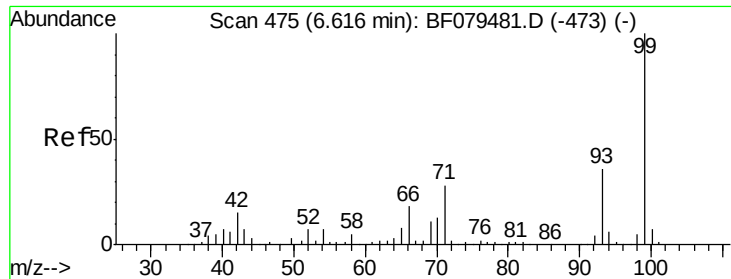
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 113.59 ng

RT: 6.50 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF079646.D

Acq: 31 May 2015 21:31

Instrument :

BNA_F

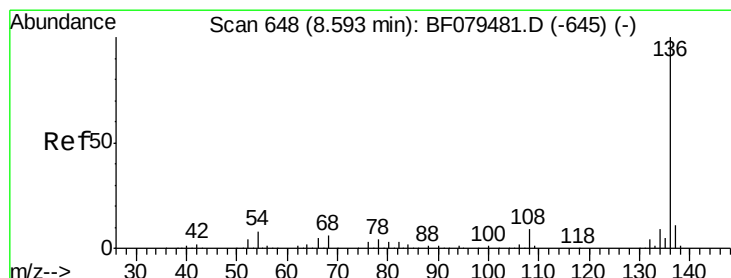
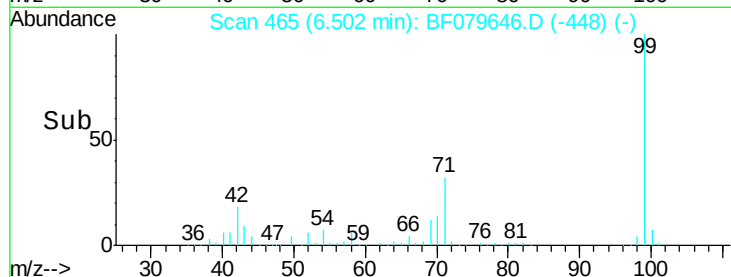
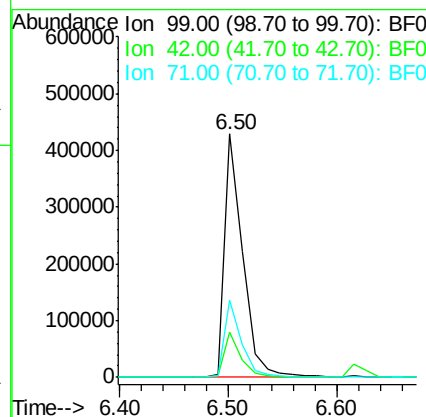
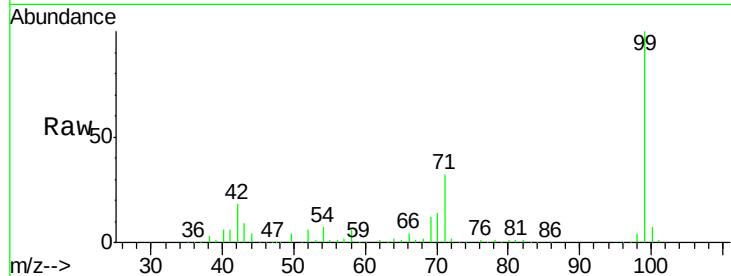
ClientSampled :

SB-19D

Tgt Ion:	99	Resp:	502773
Ion Ratio	Lower	Upper	
99	100		
42	18.3	11.9	17.9#
71	31.7	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

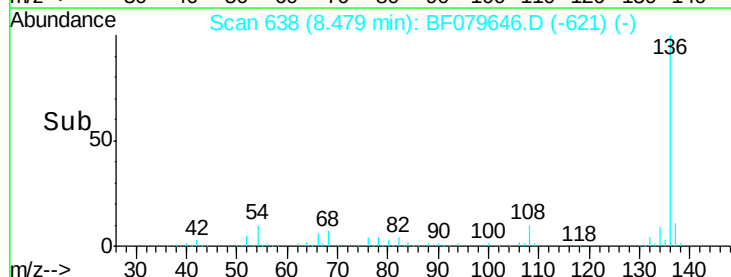
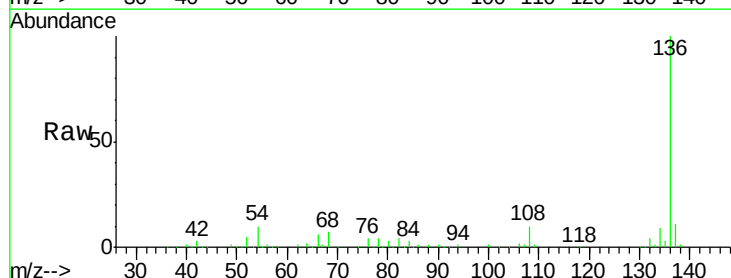
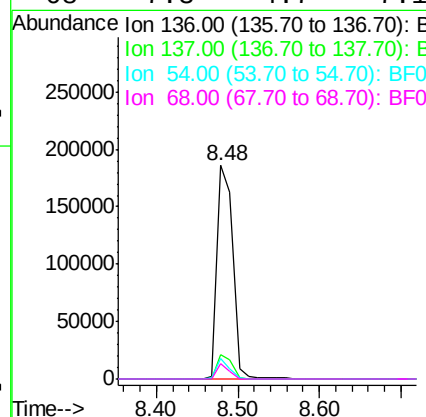
RT: 8.48 min Scan# 638

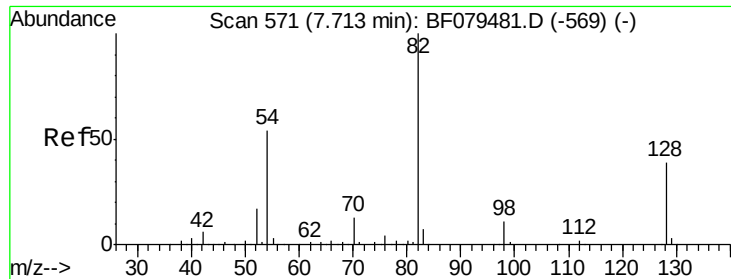
Delta R.T. -0.00 min

Lab File: BF079646.D

Acq: 31 May 2015 21:31

Tgt Ion:	136	Resp:	252381
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	9.9	6.6	9.8#
68	7.3	4.7	7.1#





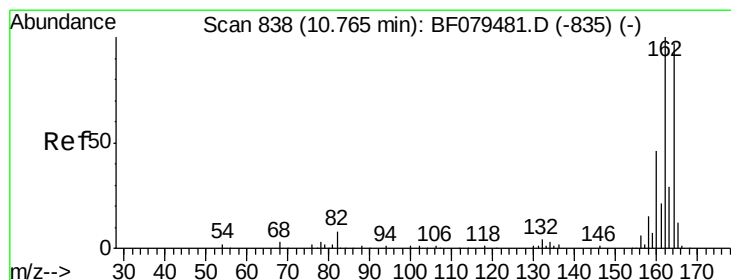
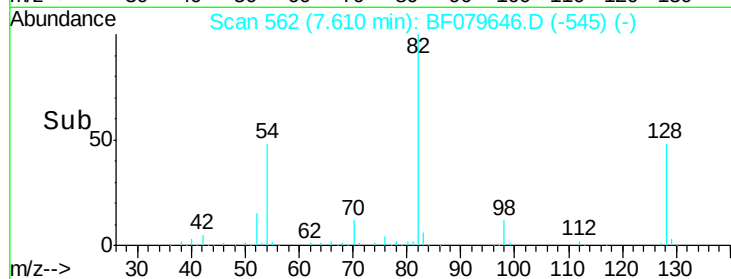
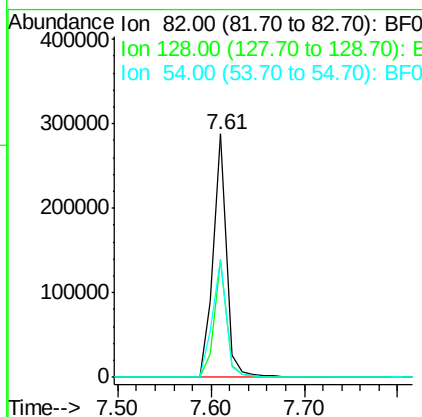
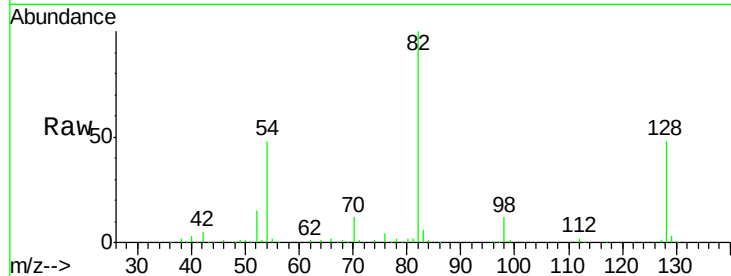
#23
 Nitrobenzene-d5
 Concen: 66.07 ng
 RT: 7.61 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Instrument :
 BNA_F
 ClientSampled :
 SB-19D

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.0	30.8	46.2#
54	48.3	42.8	64.2

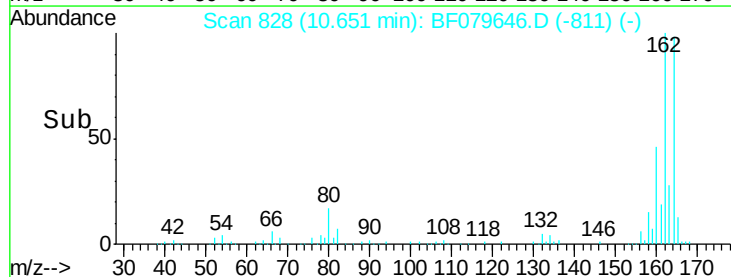
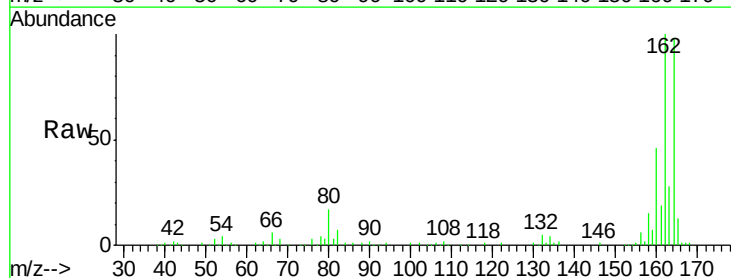
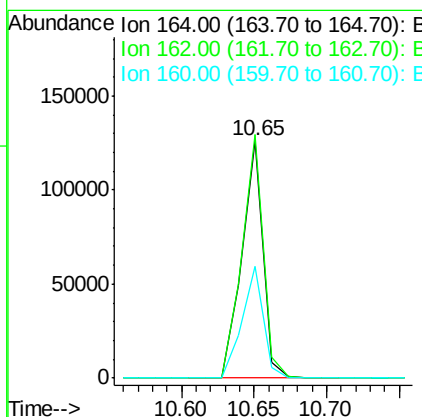
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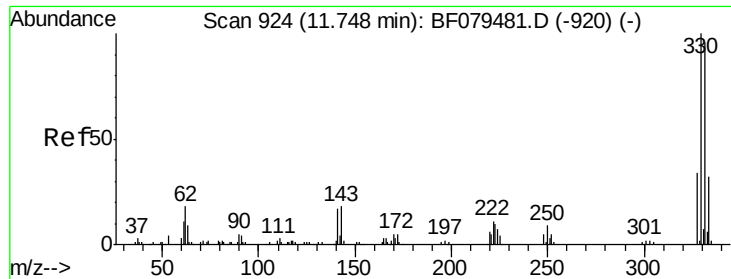
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.5	82.6	124.0
160	46.8	37.7	56.5





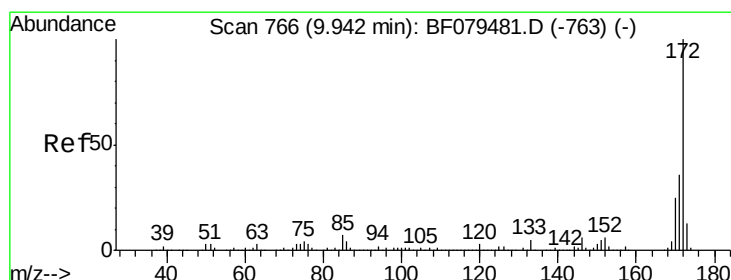
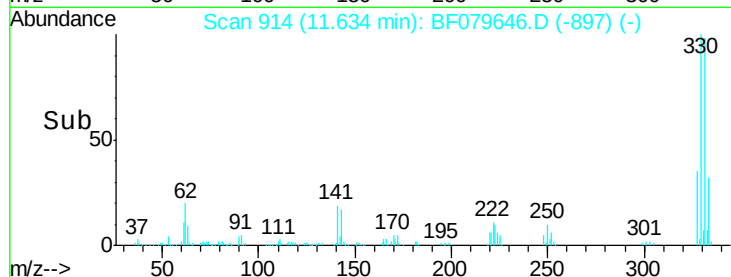
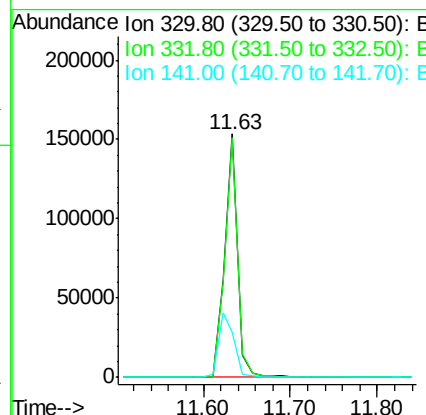
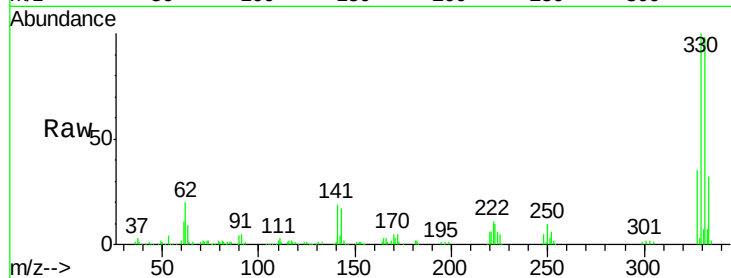
#41
 2,4,6-Tribromophenol
 Concen: 115.94 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-19D

Tgt Ion:	330	Resp:	162129
Ion Ratio	Lower	Upper	
330	100		
332	98.1	0.0	0.0#
141	31.4	0.0	0.0#

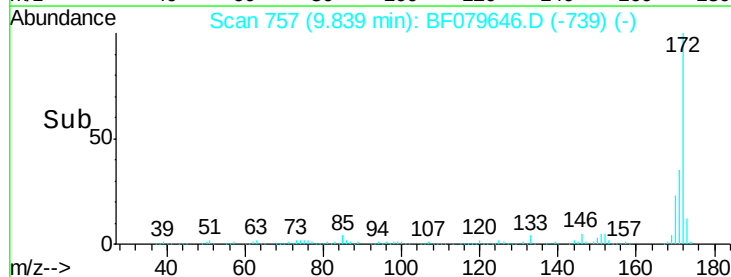
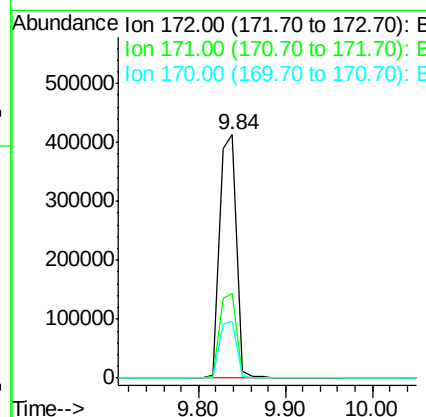
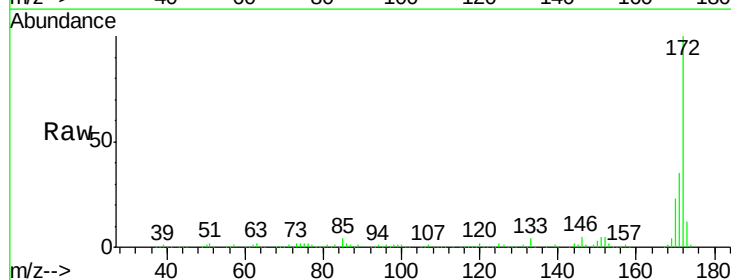
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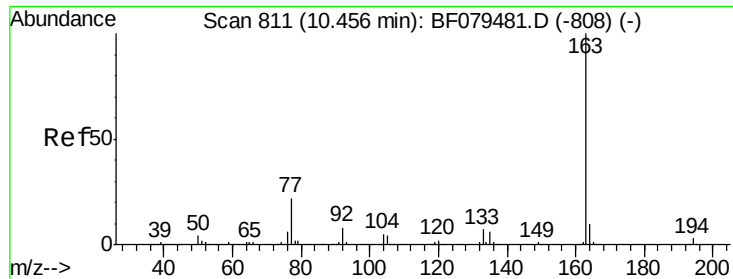
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#44
 2-Fluorobiphenyl
 Concen: 63.63 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Tgt Ion:	172	Resp:	567812
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.5	42.7
170	23.3	19.7	29.5





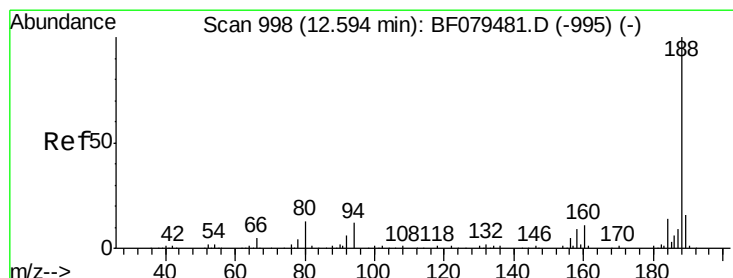
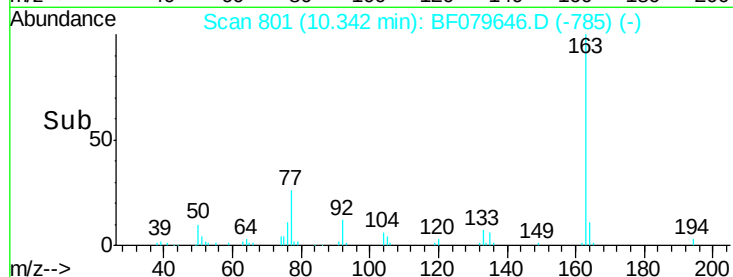
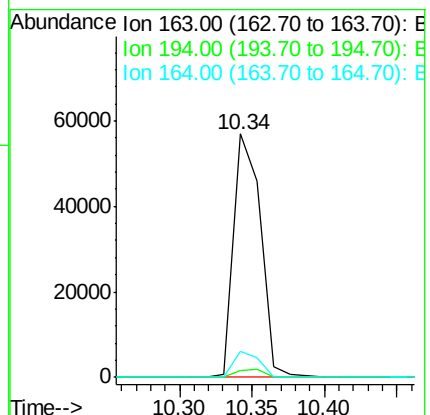
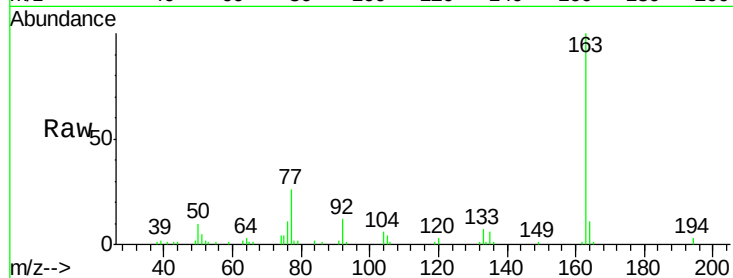
#49
Dimethylphthalate
Concen: 7.83 ng
RT: 10.34 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF079646.D
Acq: 31 May 2015 21:31

Instrument :
BNA_F
ClientSampleId :
SB-19D

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.4	3.6
164	10.9	8.2	12.4

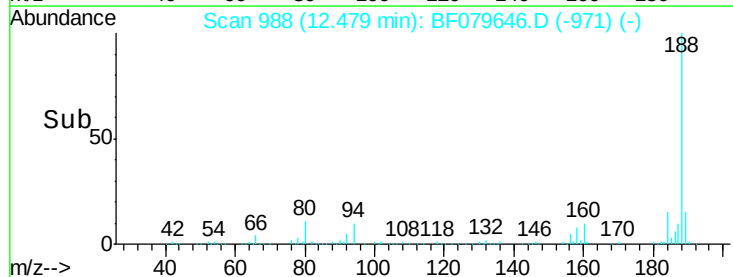
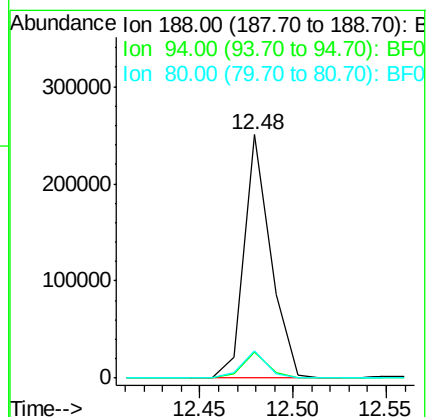
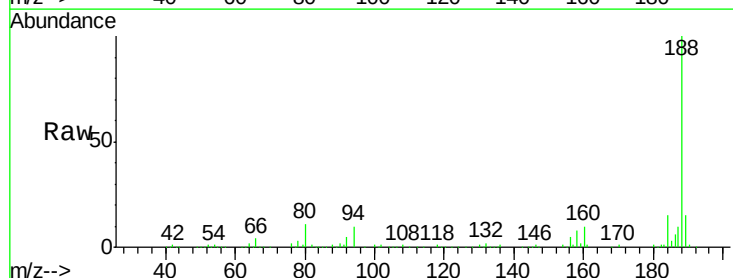
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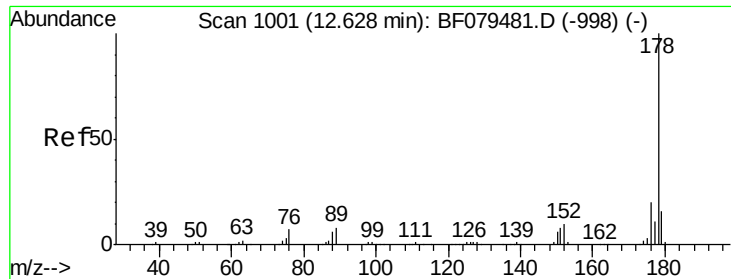
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF079646.D
Acq: 31 May 2015 21:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.8	14.6
80	11.3	10.5	15.7





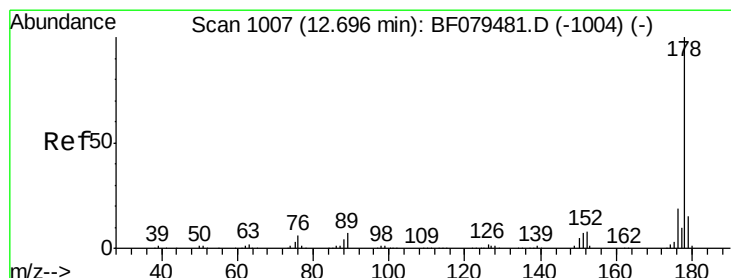
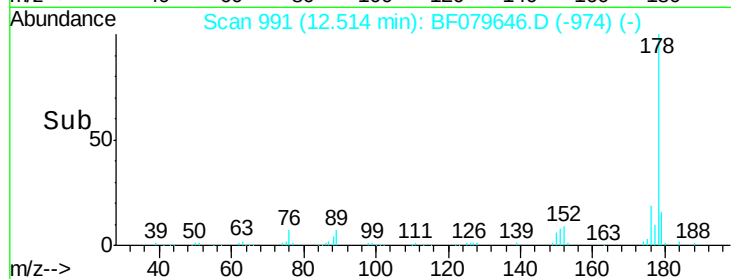
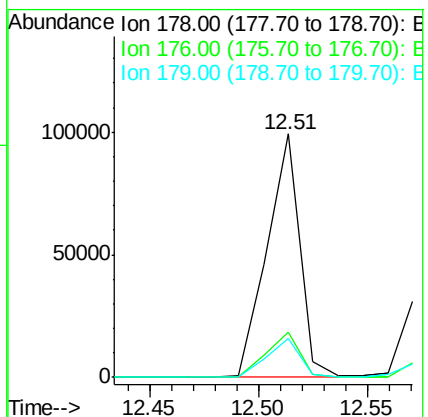
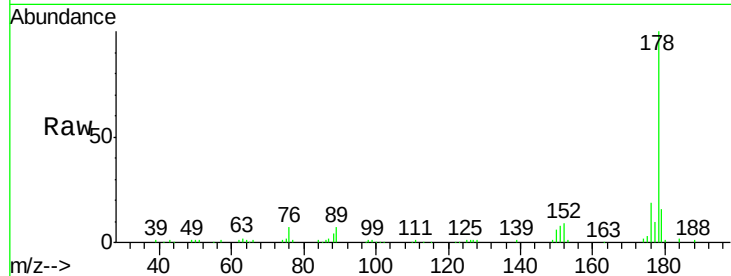
#70
 Phenanthrene
 Concen: 7.67 ng
 RT: 12.51 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-19D

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.9	12.4	18.6

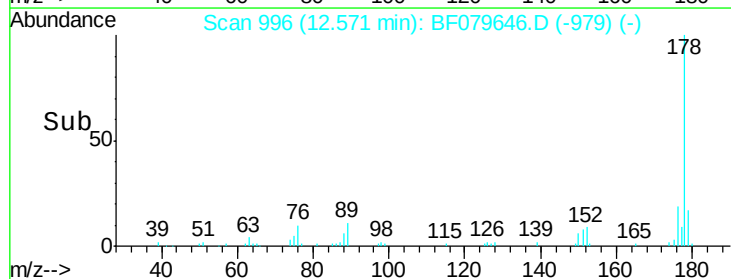
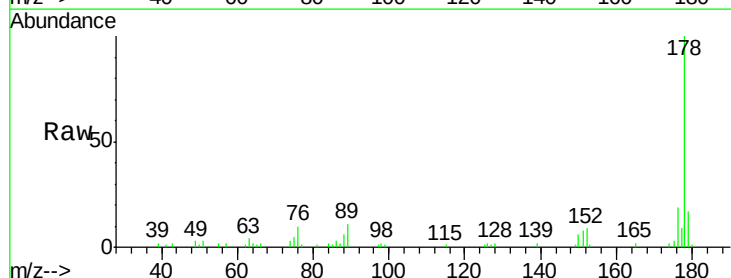
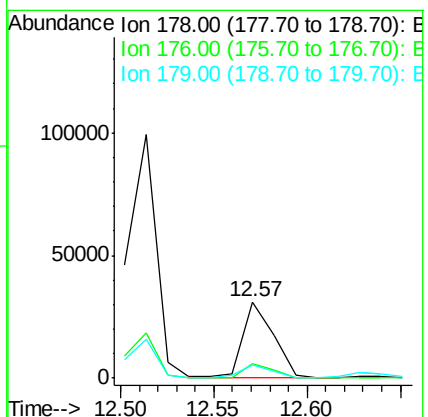
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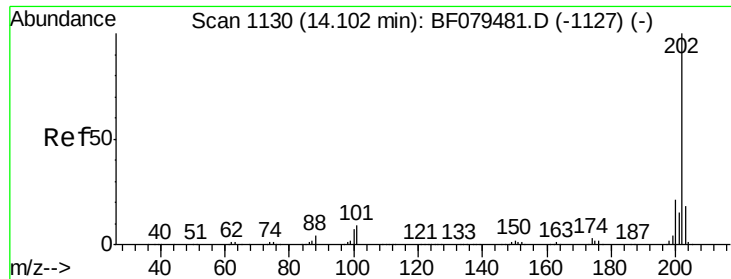
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#71
 Anthracene
 Concen: 2.49 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	16.6	12.2	18.4





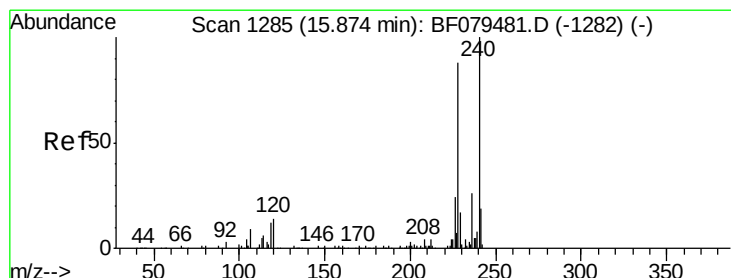
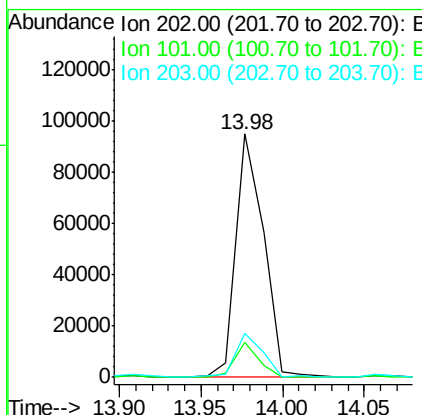
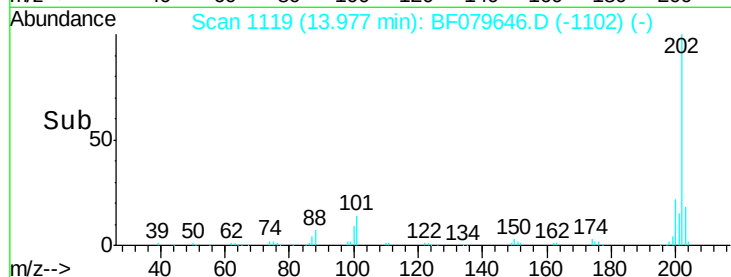
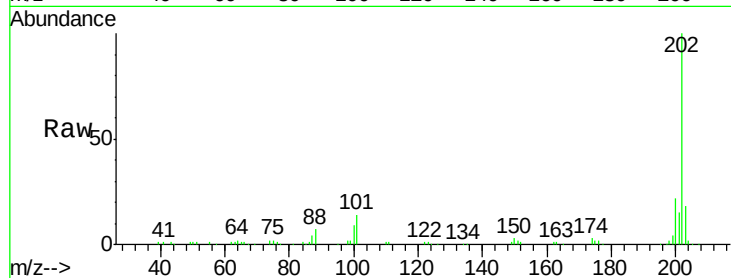
#74
 Fluoranthene
 Concen: 7.60 ng
 RT: 13.98 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-19D

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		111295		
101	14.2	0.0	29.3		
203	18.1	0.0	37.6		

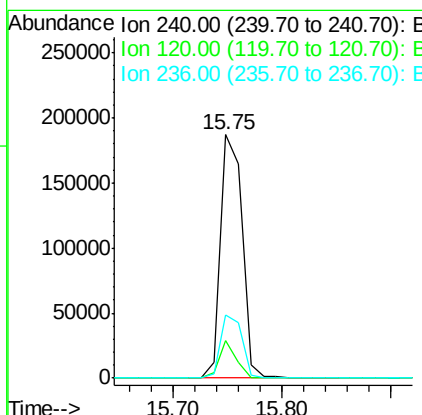
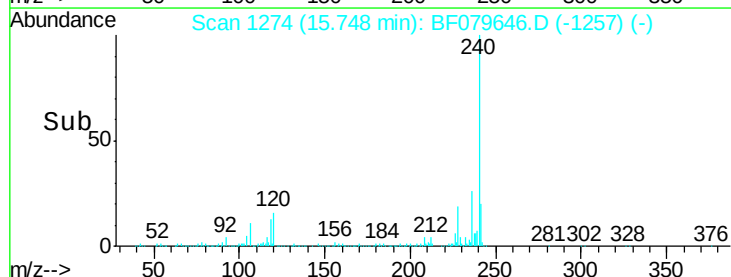
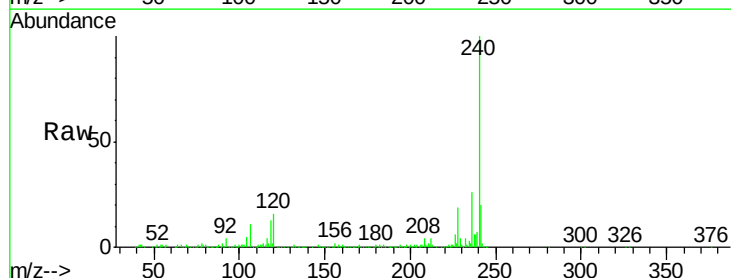
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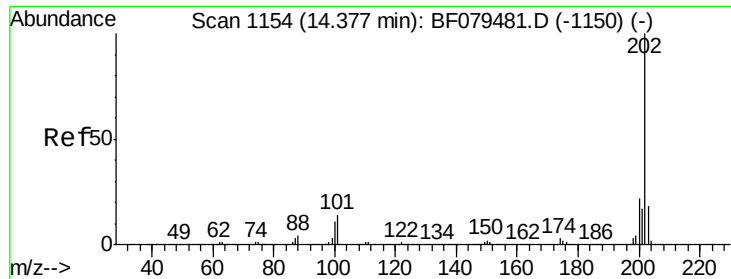
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.75 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		260015		
120	15.6	10.8	16.2		
236	26.0	21.0	31.6		





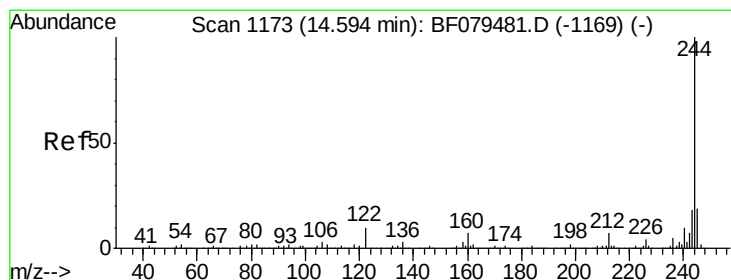
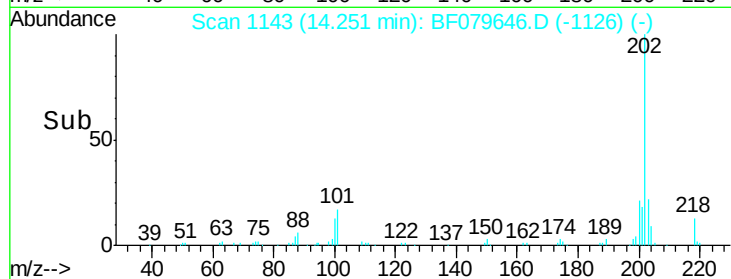
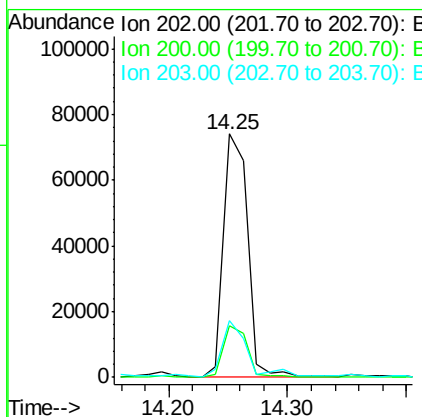
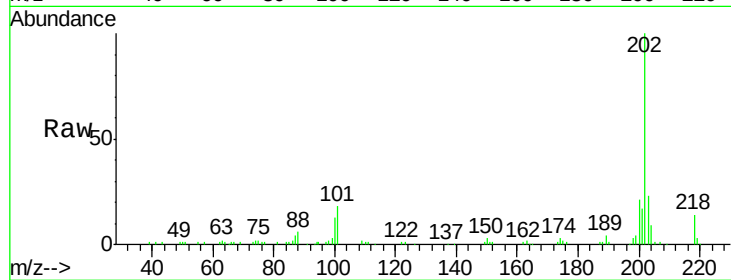
#77
 Pyrene
 Concen: 6.48 ng
 RT: 14.25 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Instrument :
 BNA_F
 ClientSampled :
 SB-19D

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	17.5	26.3
203	23.1	14.4	21.6

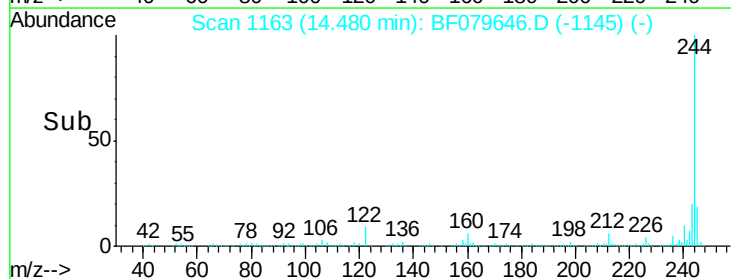
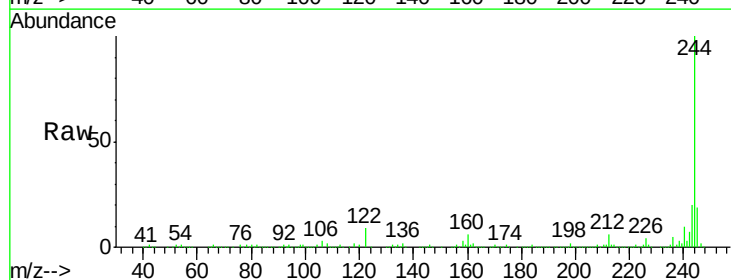
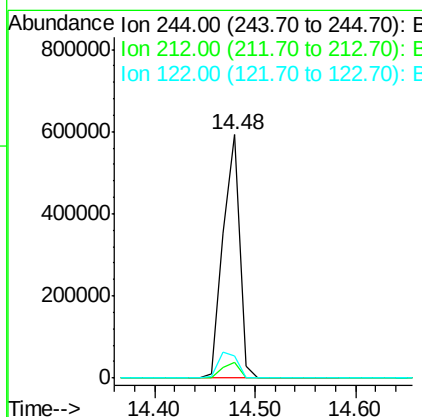
Manual Integrations
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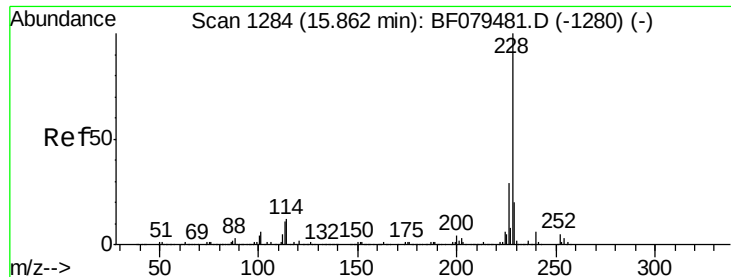
apatel
 6/1/2015 8:43:28 PM



#78
 Terphenyl-d14
 Concen: 61.10 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF079646.D
 Acq: 31 May 2015 21:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	5.2	7.8
122	9.2	8.0	12.0





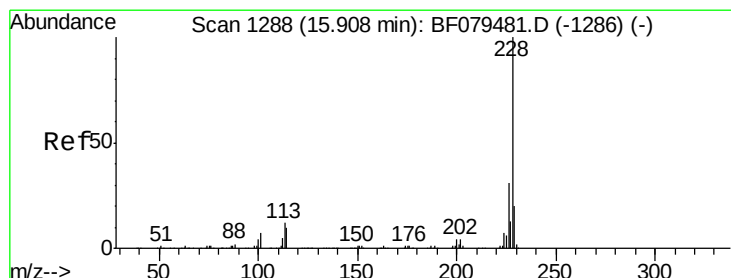
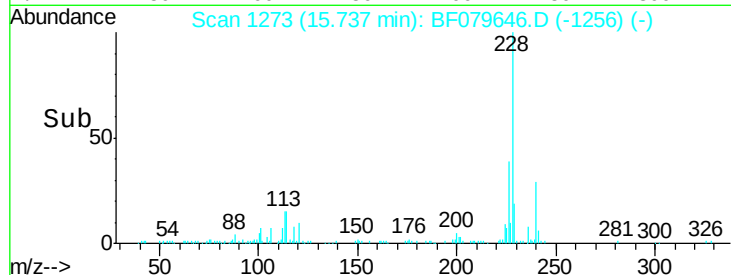
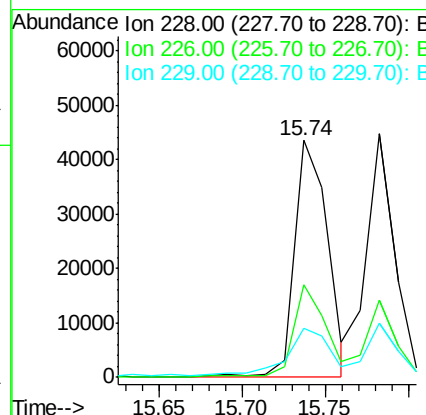
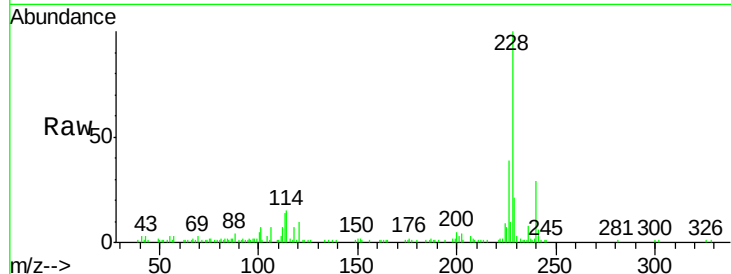
#80
Benzo(a)anthracene
Concen: 4.12 ng m
RT: 15.74 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF079646.D
Acq: 31 May 2015 21:31

Instrument :
BNA_F
ClientSampled :
SB-19D

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.1	22.8	34.2#
229	20.7	15.9	23.9

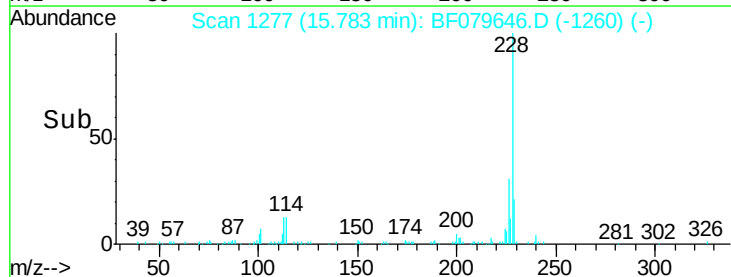
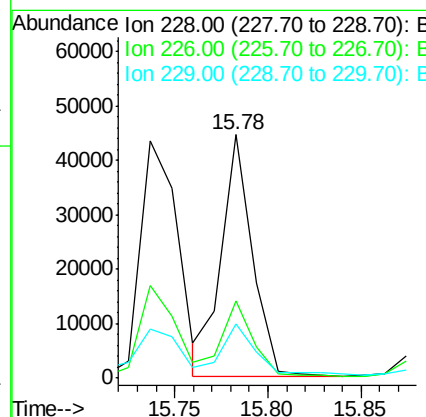
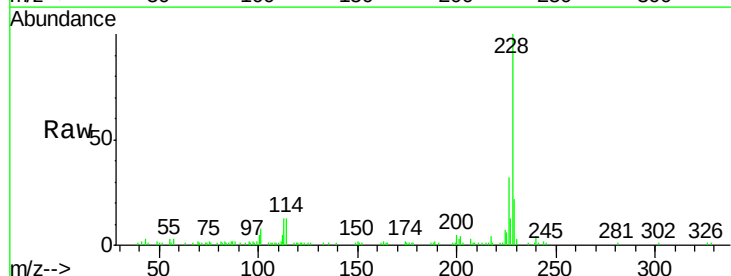
Manual Integrations
APPROVED

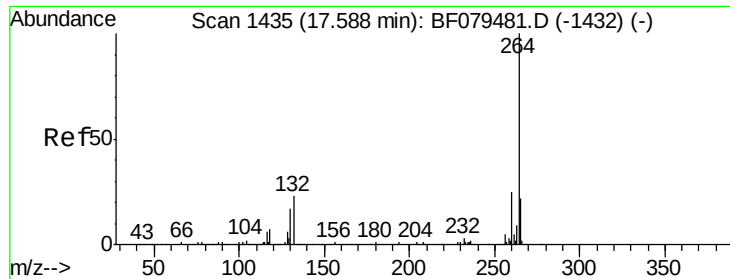
apatel
6/1/2015 8:43:28 PM



#82
Chrysene
Concen: 3.61 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF079646.D
Acq: 31 May 2015 21:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.4
229	22.2	15.9	23.9





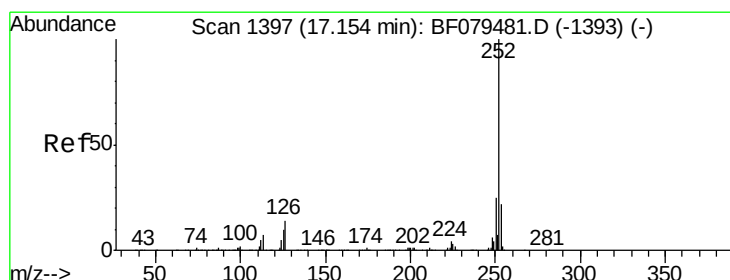
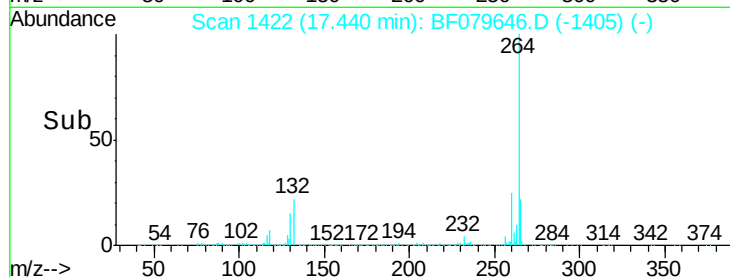
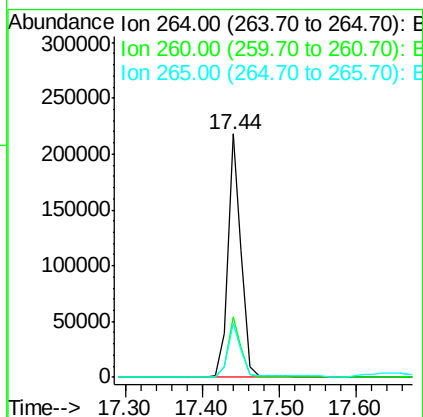
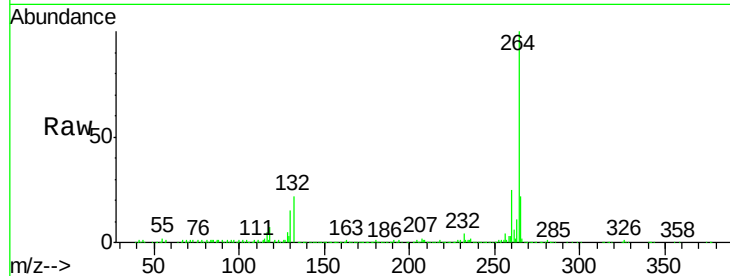
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.44 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF079646.D
Acq: 31 May 2015 21:31

Instrument :
BNA_F
ClientSampleId :
SB-19D

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	268912		
260	25.1	19.8	29.8	
265	22.3	17.8	26.6	

Manual Integrations
APPROVED

apatel
6/1/2015 8:43:28 PM



#87
Benzo(b)fluoranthene
Concen: 3.87 ng m
RT: 17.02 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF079646.D
Acq: 31 May 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	59400		
253	22.2	17.6	26.4	
125	12.9	7.8	11.6#	

