

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079930.D
 Acq On : 12 Jun 2015 9:40
 Operator : TP/IZ
 Sample : G2449-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM7

Manual Integrations
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apatel
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Quant Time: Jun 12 15:17:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 15:12:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	63068	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	259971	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	135156	20.00	ng	0.00
63) Phenanthrene-d10	11.98	188	284771	20.00	ng	0.01
75) Chrysene-d12	15.09	240	321553m	20.00	ng	0.24
86) Perylene-d12	17.07	264	314813m	20.00	ng	0.37
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	385475	112.07	ng	0.01
7) Phenol-d6	6.99	99	549443	117.25	ng	0.00
23) Nitrobenzene-d5	7.95	82	271702	68.96	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	130773	96.84	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	568283	58.88	ng	0.00
78) Terphenyl-d14	13.74	244	664141	47.62	ng	0.13
Target Compounds						
49) Dimethylphthalate	10.15	163	55951	5.17	ng	99
70) Phenanthrene	12.01	178	217797	12.83	ng	98
71) Anthracene	12.06	178	47759	2.91	ng	98
74) Fluoranthene	13.31	202	316831	16.89	ng	100
77) Pyrene	13.59	202	309307	15.32	ng	99
79) Butylbenzylphthalate	14.32	149	117864m	17.28	ng	
80) Benzo(a)anthracene	15.07	228	166478m	8.15	ng	
82) Chrysene	15.12	228	170089m	8.43	ng	
85) Indeno(1,2,3-cd)pyrene	18.99	276	89156m	4.17	ng	
87) Benzo(b)fluoranthene	16.50	252	189826m	9.84	ng	
88) Benzo(k)fluoranthene	16.54	252	61102m	3.11	ng	
89) Benzo(a)pyrene	16.90	252	95987m	5.23	ng	
91) Benzo(a,h,i)perylene	19.58	276	91949m	4.93	ng	

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

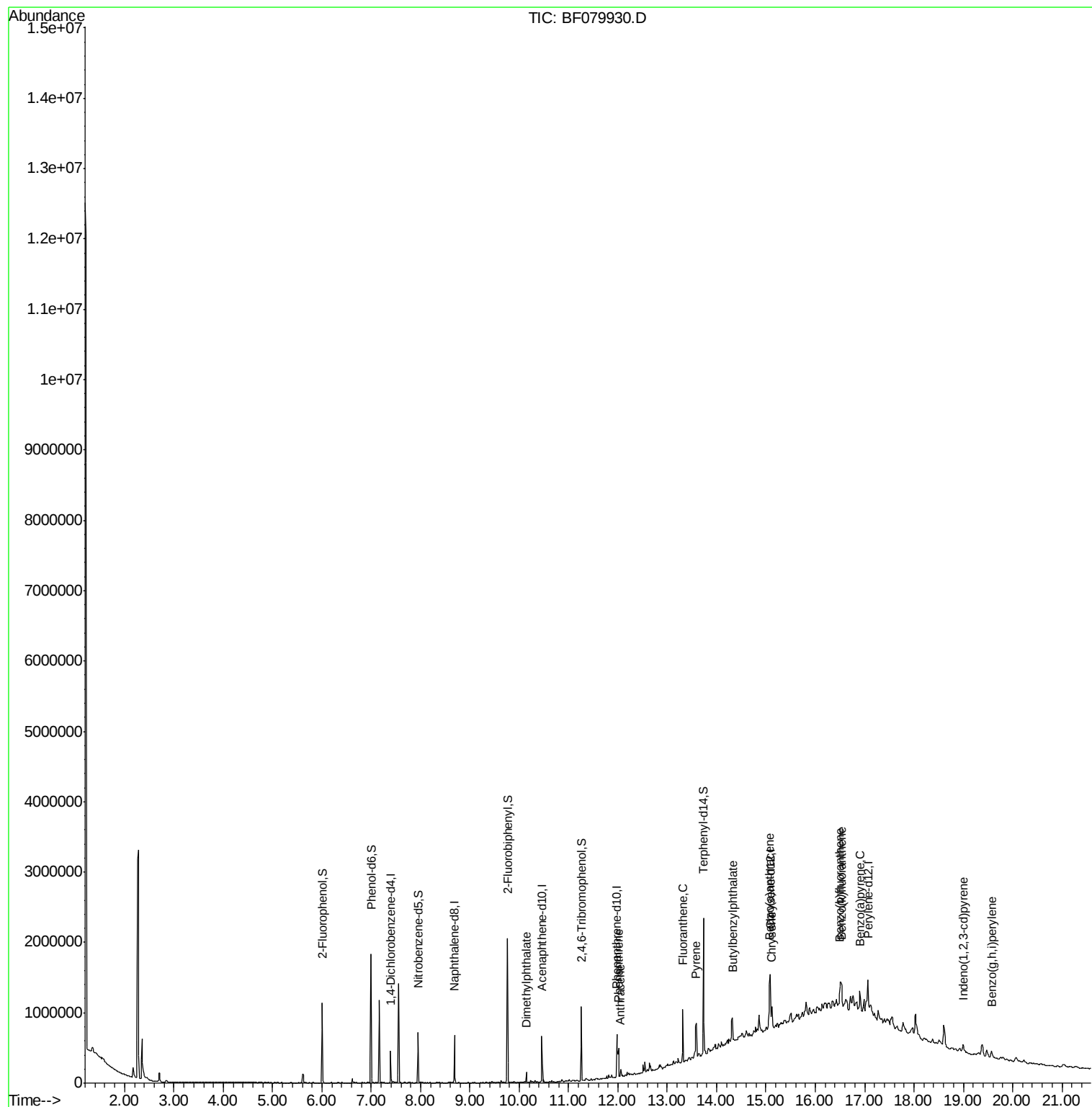
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
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Misc :
ALS Vial : 41 Sample Multiplier: 1

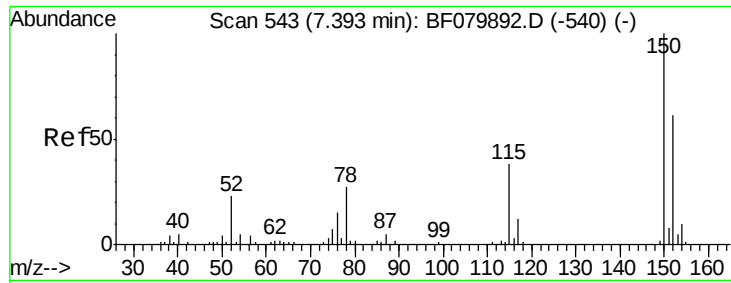
Instrument :
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ClientSampleId :
FM7

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Quant Time: Jun 12 15:17:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
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#1

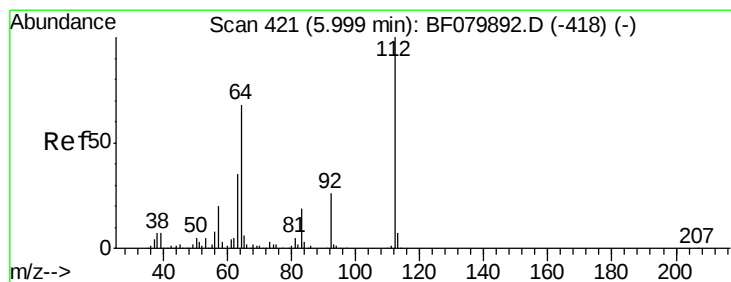
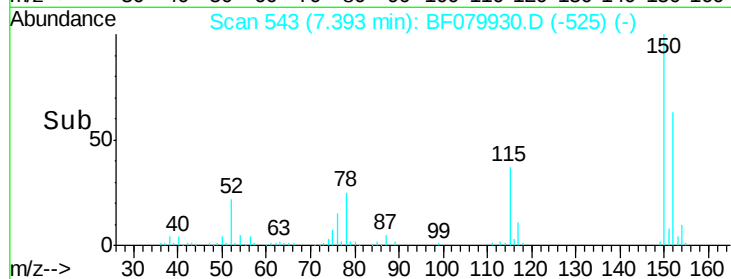
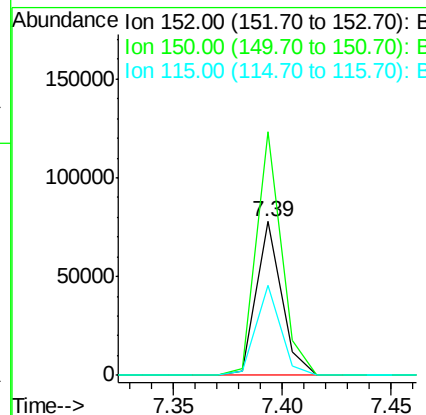
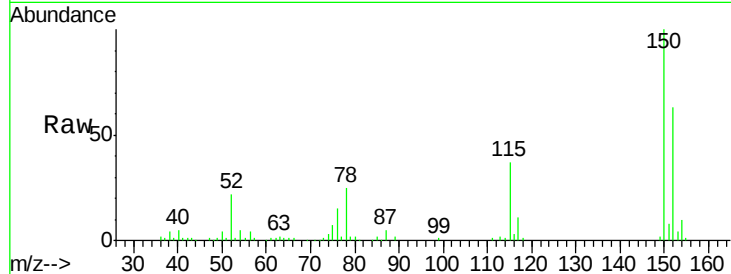
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF079930.D
 Acq: 12 Jun 2015 9:40

Instrument :
 BNA_F
 ClientSampled :
 FM7

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	131.0	196.4
115	58.1	49.8	74.6

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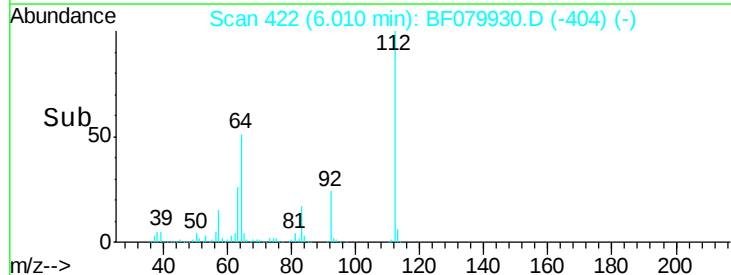
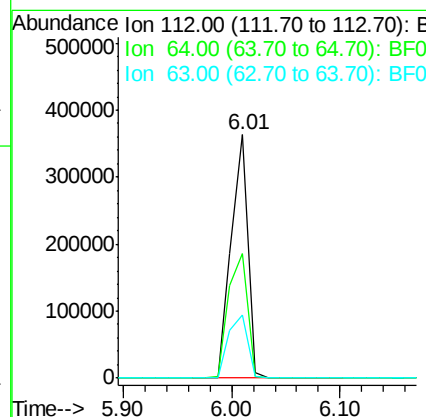
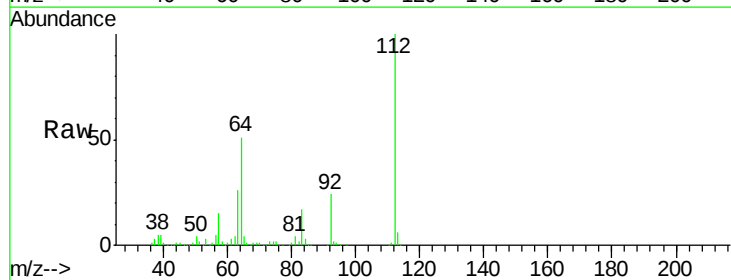
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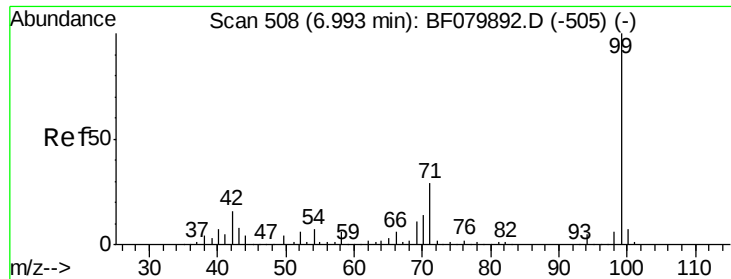


#5

2-Fluorophenol
 Concen: 112.07 ng
 RT: 6.01 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: BF079930.D
 Acq: 12 Jun 2015 9:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	54.5	81.7#
63	25.7	27.9	41.9#





#7

Phenol-d6

Concen: 117.25 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079930.D

Acq: 12 Jun 2015 9:40

Instrument :

BNA_F

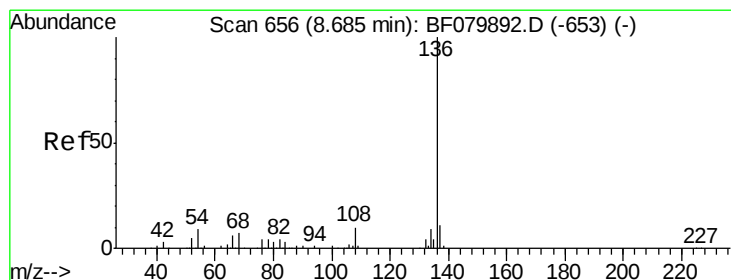
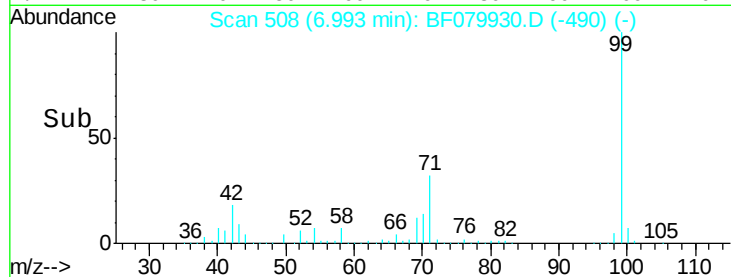
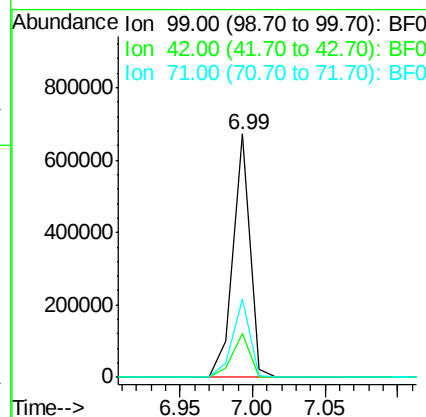
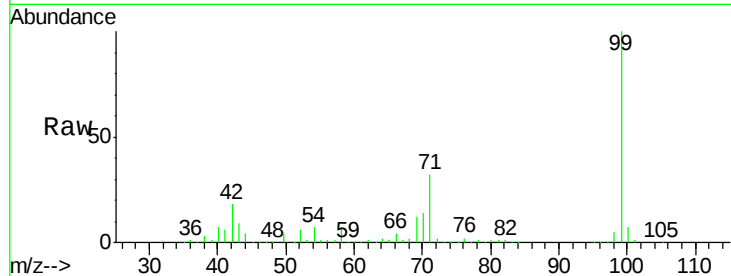
ClientSampleId :

FM7

Tot Ion:	99	Resp:	549443
Ion Ratio	Lower	Upper	
99	100		
42	18.2	12.9	19.3
71	32.2	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

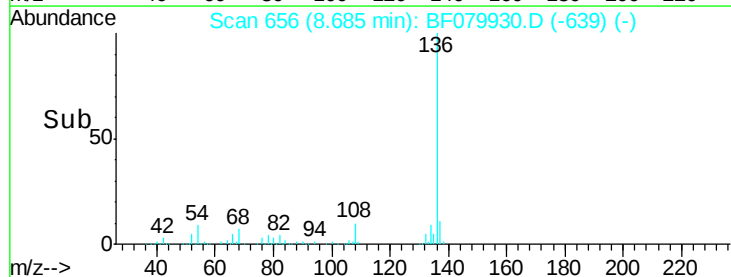
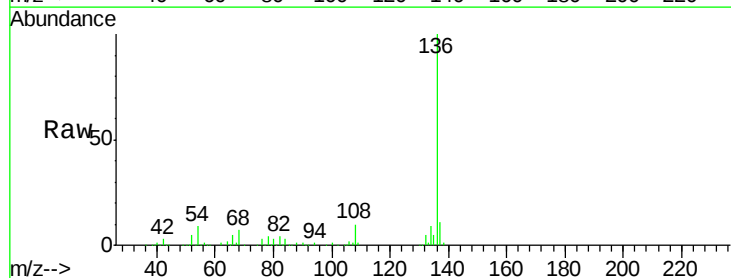
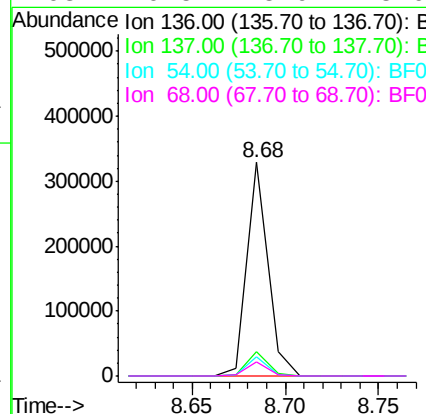
RT: 8.68 min Scan# 656

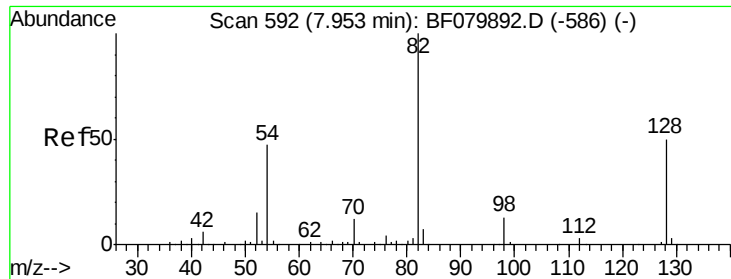
Delta R.T. 0.00 min

Lab File: BF079930.D

Acq: 12 Jun 2015 9:40

Tgt Ion:	136	Resp:	259971
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	8.7	7.3	10.9
68	6.5	5.9	8.9





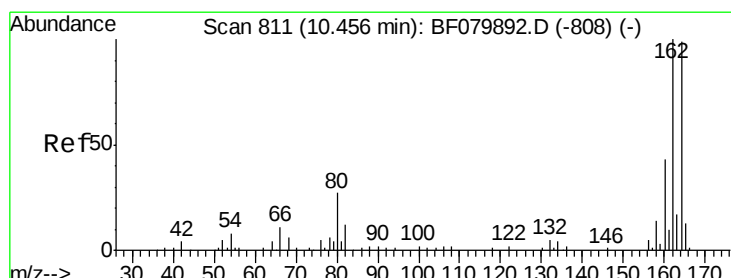
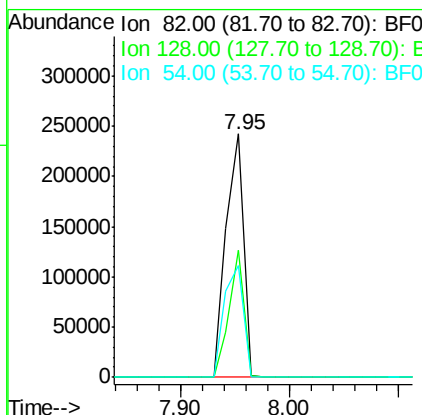
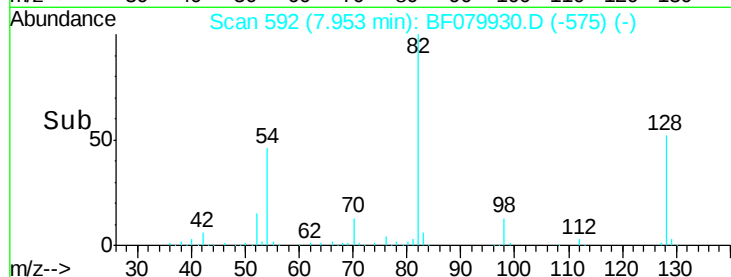
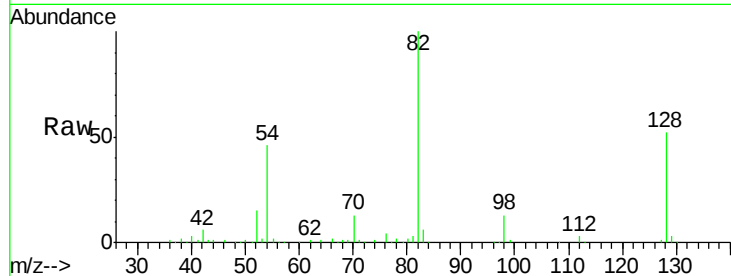
#23
 Nitrobenzene-d5
 Concen: 68.96 ng
 RT: 7.95 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF079930.D
 Acq: 12 Jun 2015 9:40

Instrument :
 BNA_F
 ClientSampled :
 FM7

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.3	60.5
54	45.8	38.0	57.0

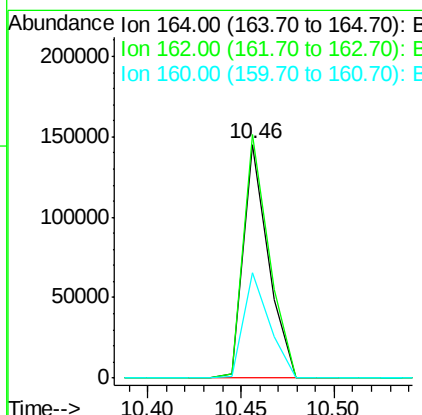
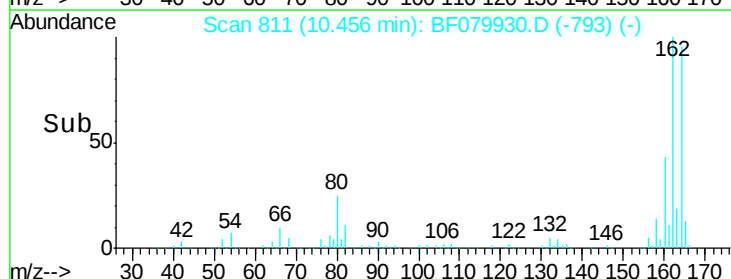
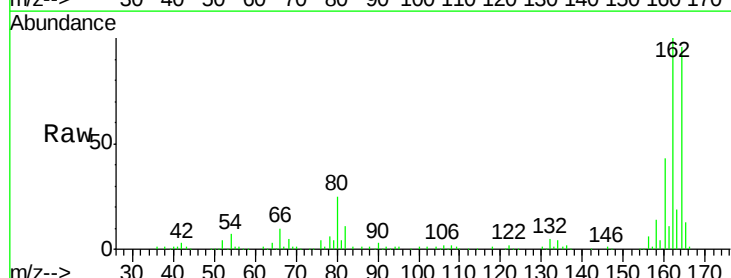
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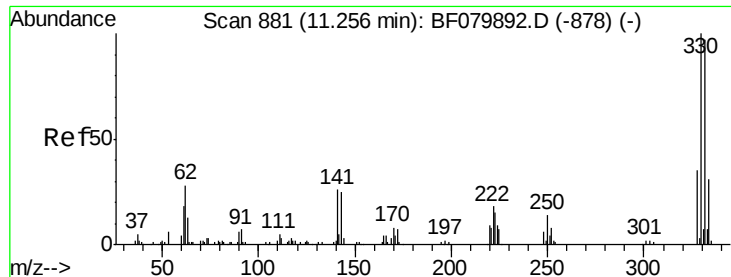
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF079930.D
 Acq: 12 Jun 2015 9:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.7	121.1
160	45.1	34.6	51.8





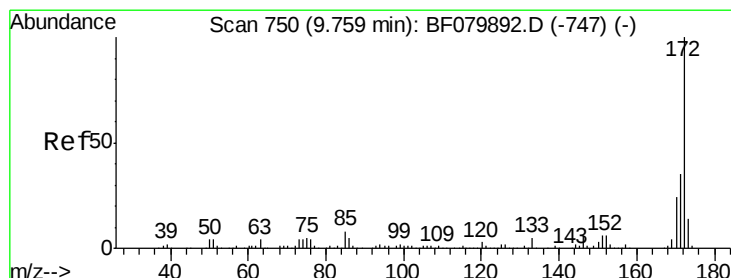
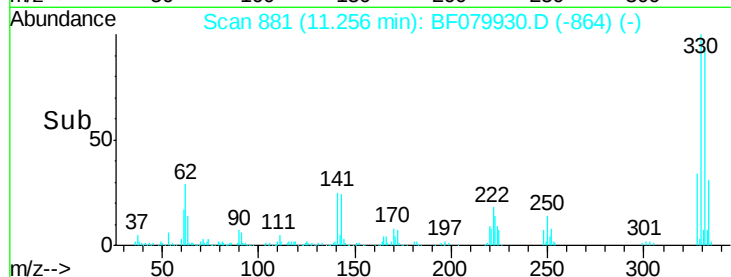
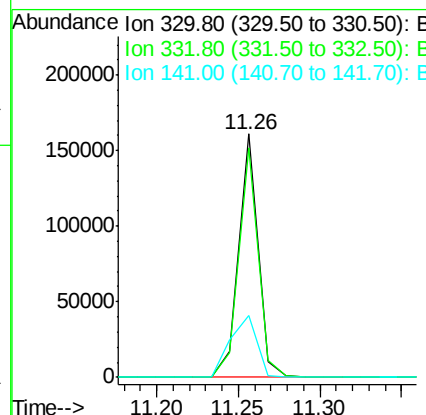
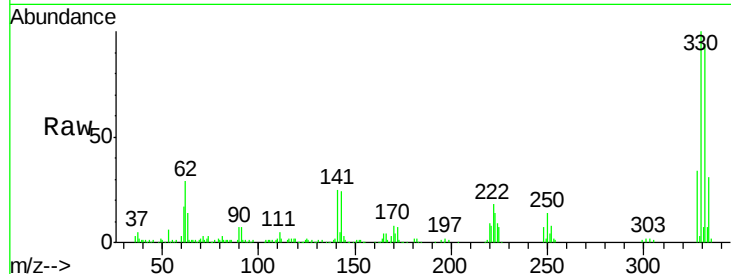
#41
 2,4,6-Tribromophenol
 Concen: 96.84 ng
 RT: 11.26 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF079930.D
 Acq: 12 Jun 2015 9:40

Instrument :
 BNA_F
 ClientSampleId :
 FM7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	130773		
332	95.0		77.3	115.9
141	36.1		26.8	40.2

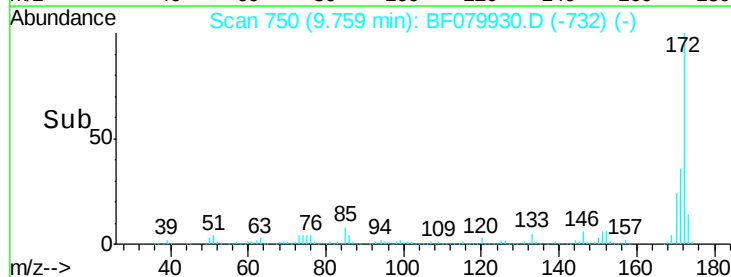
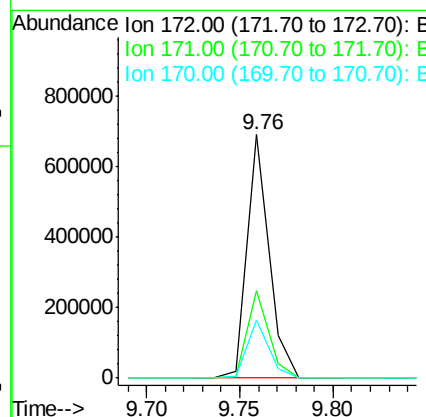
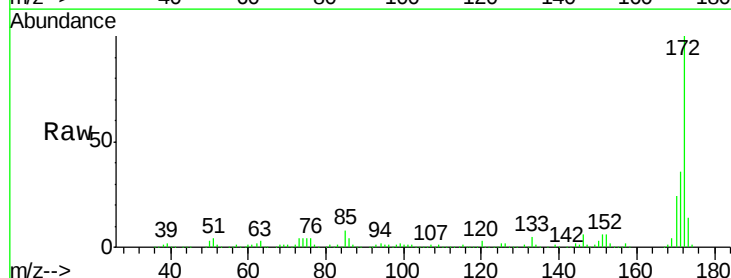
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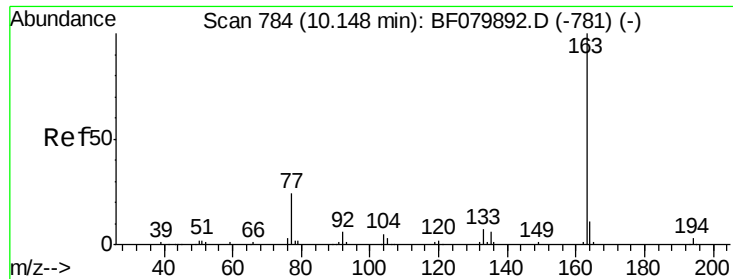
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#44
 2-Fluorobiphenyl
 Concen: 58.88 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079930.D
 Acq: 12 Jun 2015 9:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	568283		
171	36.1		28.3	42.5
170	23.9		19.0	28.4





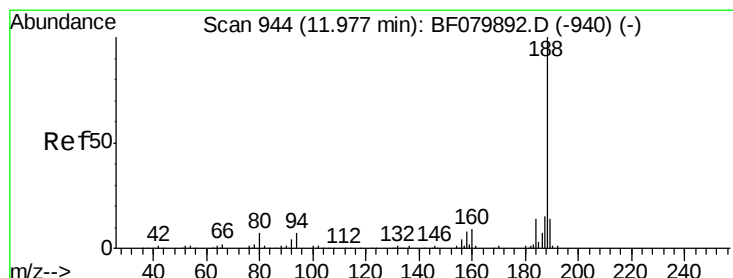
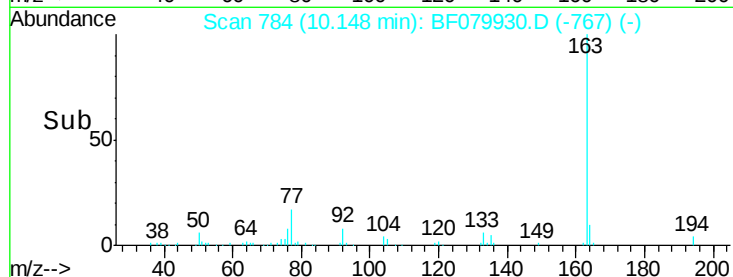
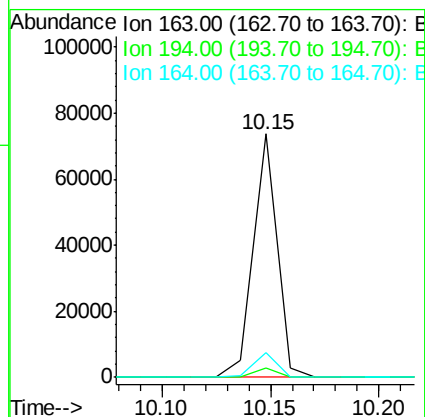
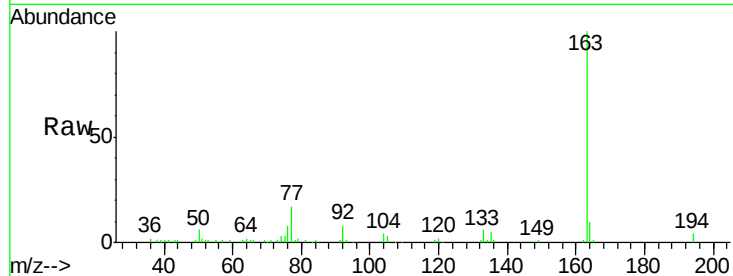
#49
Dimethylphthalate
Concen: 5.17 ng
RT: 10.15 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Instrument :
BNA_F
ClientSampled :
FM7

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.1	8.6	12.8

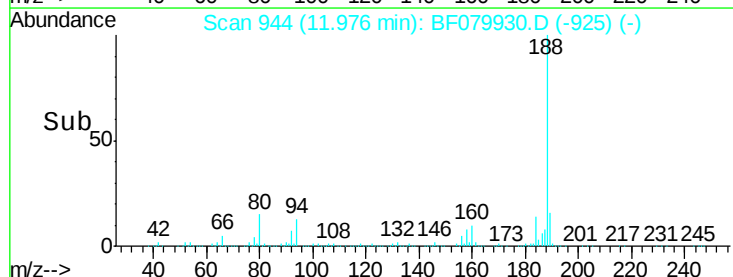
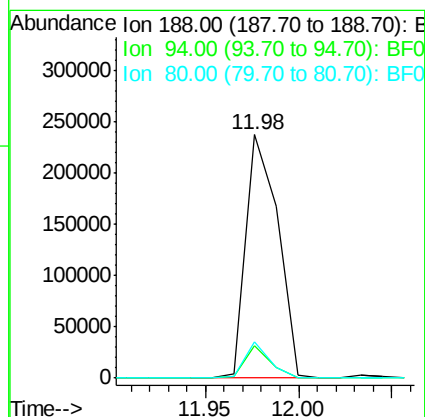
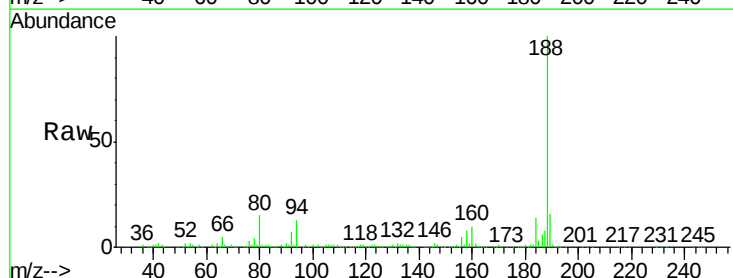
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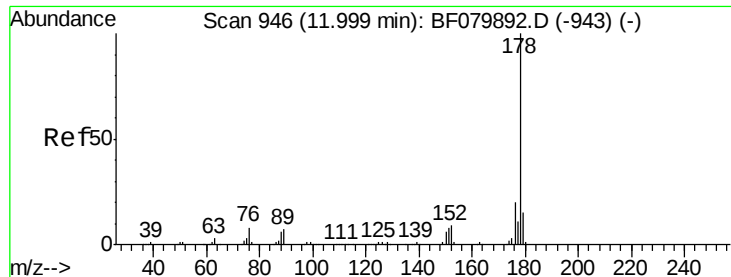
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.98 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	13.2	5.8	8.8#
80	15.1	5.9	8.9#





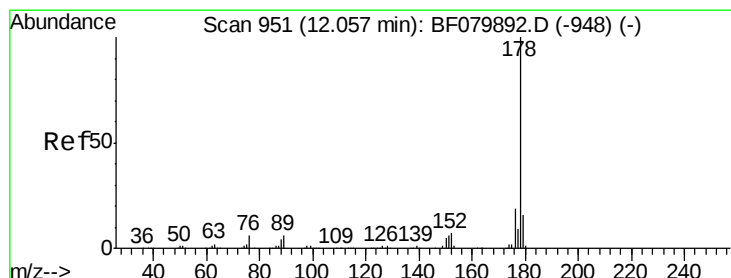
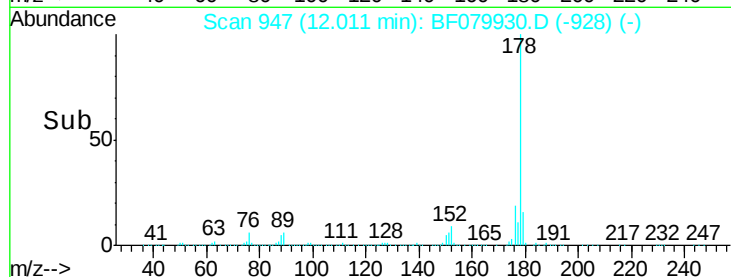
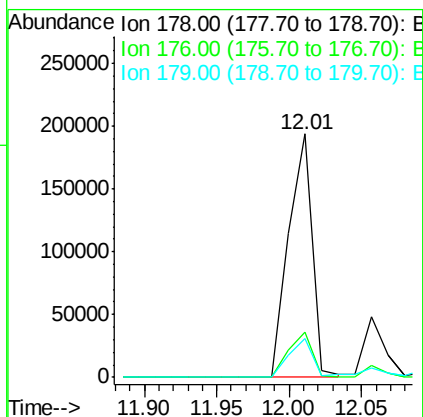
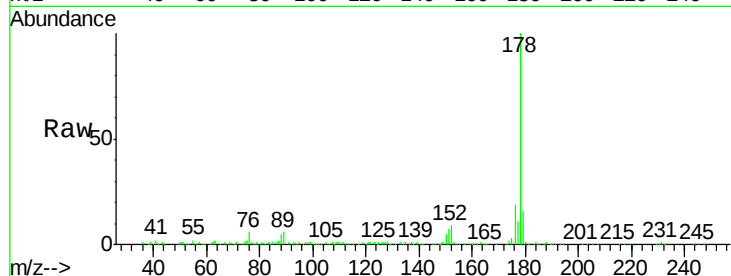
#70
Phenanthrene
Concen: 12.83 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.02 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Instrument :
BNA_F
ClientSampleId :
FM7

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.8	12.3	18.5

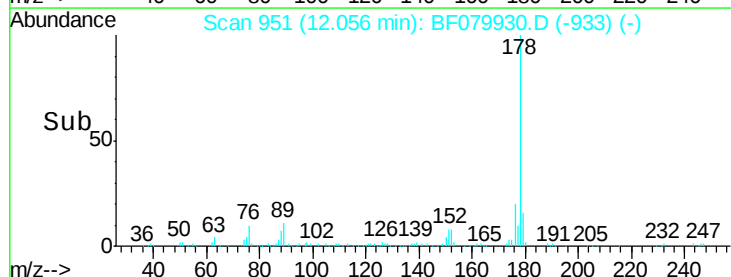
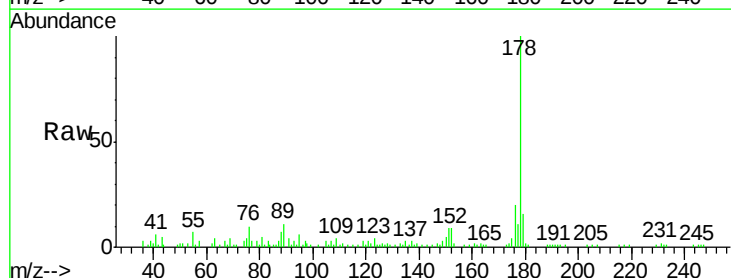
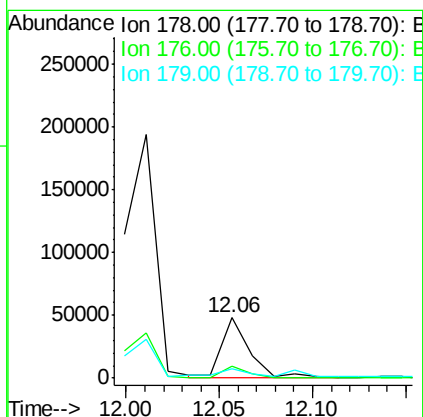
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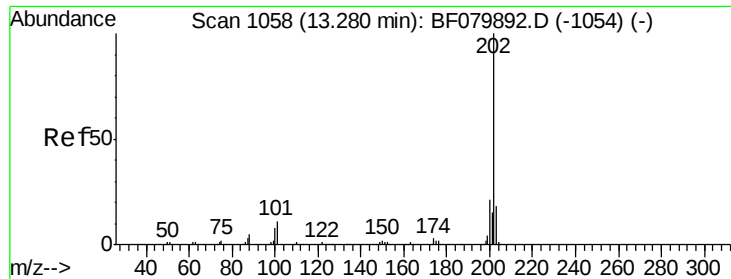
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#71
Anthracene
Concen: 2.91 ng
RT: 12.06 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	16.2	12.5	18.7





#74

Fluoranthene

Concen: 16.89 ng

RT: 13.31 min Scan# 1061

Delta R.T. 0.09 min

Lab File: BF079930.D

Acq: 12 Jun 2015 9:40

Instrument :

BNA_F

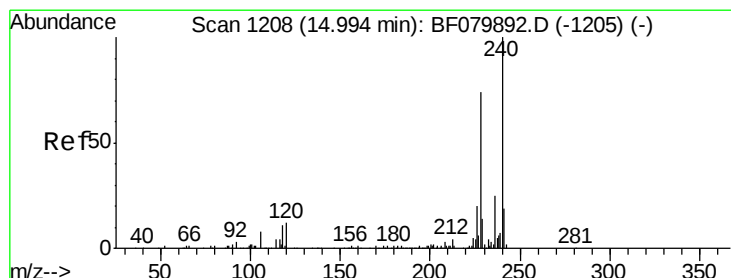
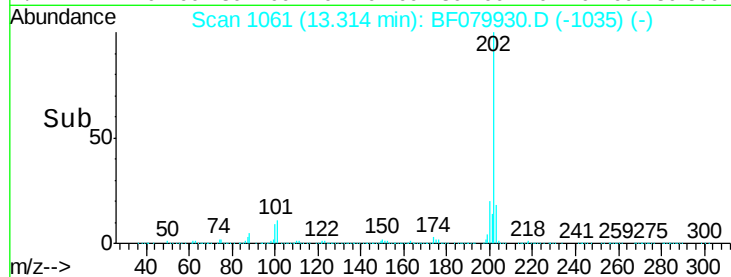
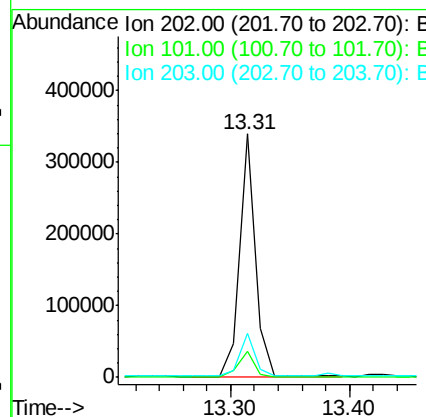
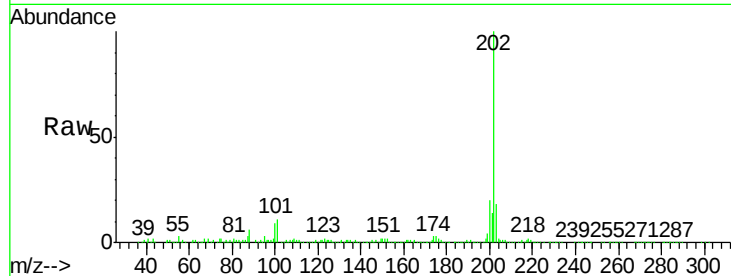
ClientSampleId :

FM7

Tot Ion:	202	Resp:	316831
Ion Ratio		Lower	Upper
202	100		
101	10.9	0.0	30.7
203	18.1	0.0	38.0

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#75

Chrysene-d12

Concen: 20.00 ng m

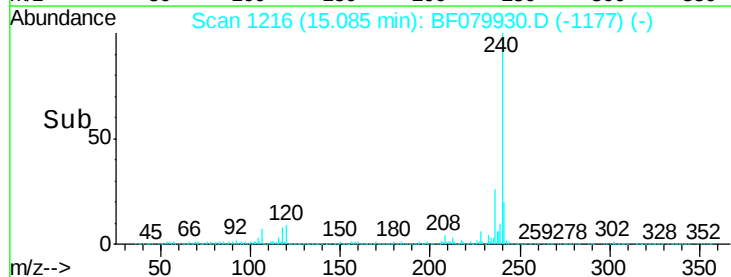
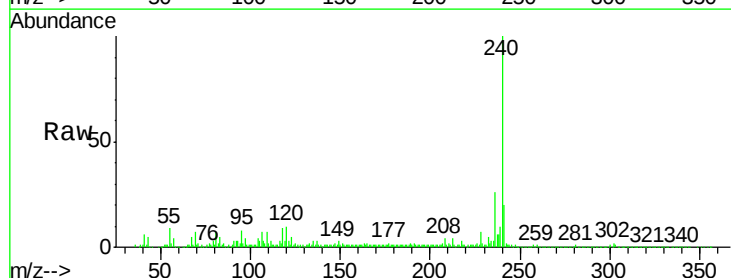
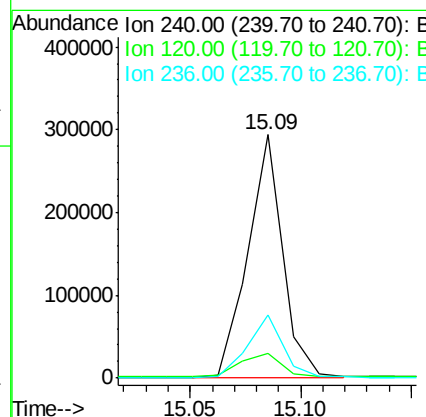
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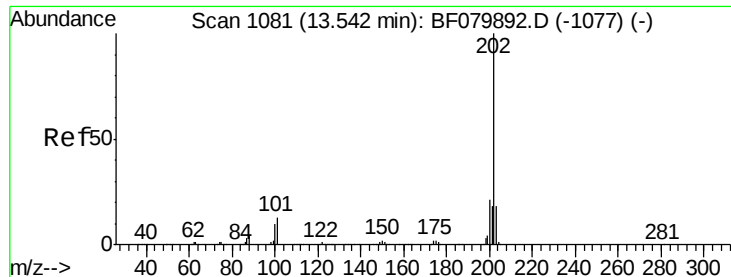
Delta R.T. 0.24 min

Lab File: BF079930.D

Acq: 12 Jun 2015 9:40

Tgt Ion:	240	Resp:	321553
Ion Ratio		Lower	Upper
240	100		
120	10.3	9.4	14.2
236	26.2	19.6	29.4





#77

Pvrene

Concen: 15.32 ng

RT: 13.59 min Scan# 1085

Delta R.T. 0.11 min

Lab File: BF079930.D

Acq: 12 Jun 2015 9:40

Instrument :

BNA_F

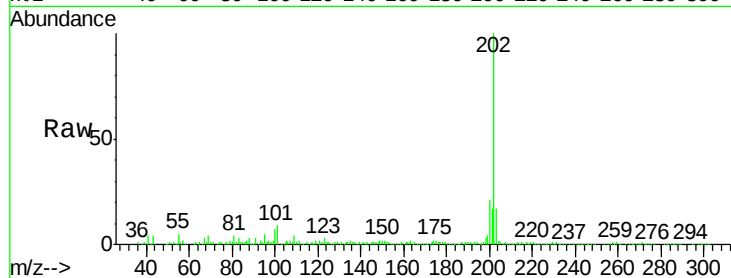
ClientSampleId :

FM7

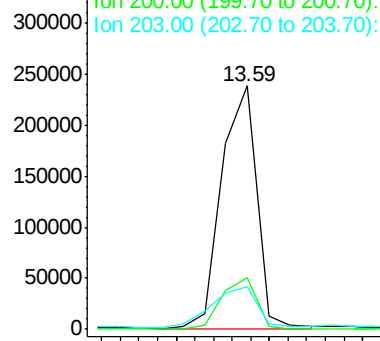
Tot Ion:	202	Resp:	309307
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.8	25.2
203	17.5	14.4	21.6

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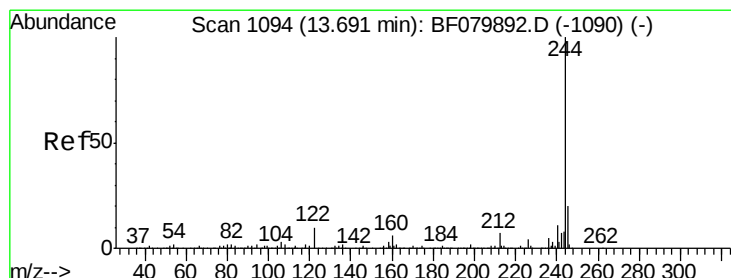
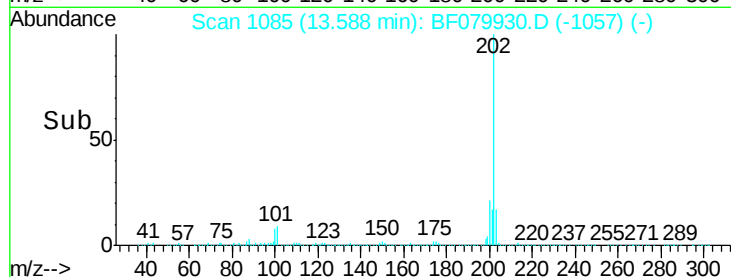
apatel
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 47.62 ng

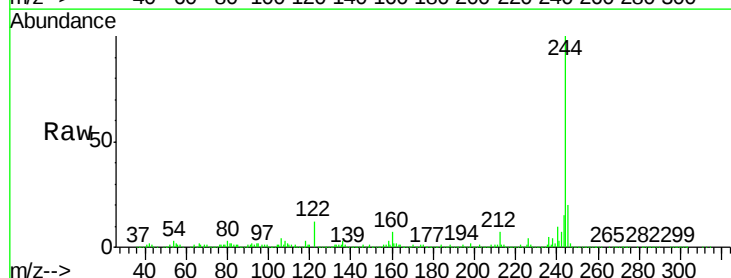
RT: 13.74 min Scan# 1098

Delta R.T. 0.13 min

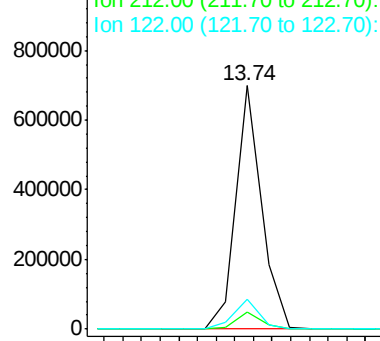
Lab File: BF079930.D

Acq: 12 Jun 2015 9:40

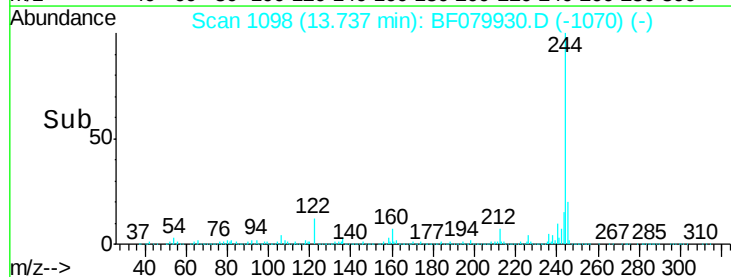
Tgt Ion:	244	Resp:	664141
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.2
122	12.2	7.8	11.8#

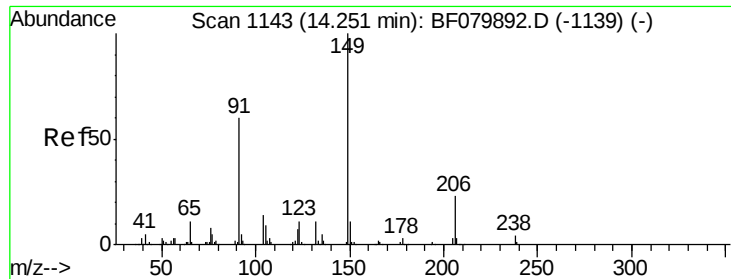


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





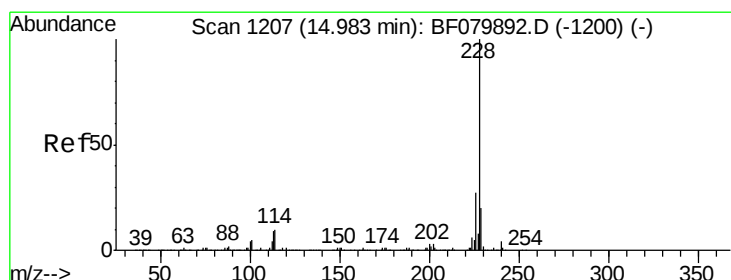
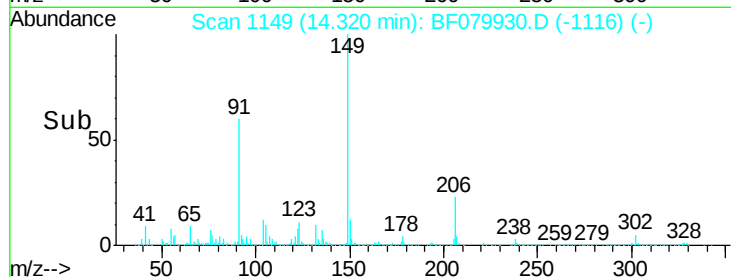
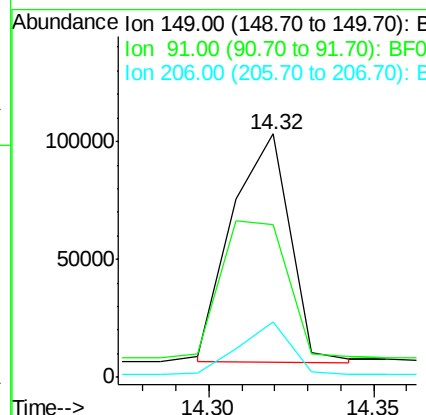
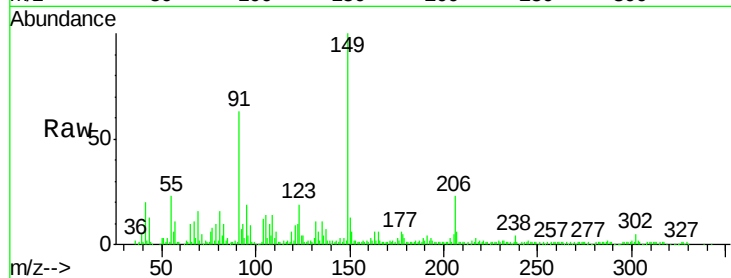
#79
Butylbenzylphthalate
Concen: 17.28 ng/ml
RT: 14.32 min Scan# 1149
Delta R.T. 0.18 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Instrument :
BNA_F
ClientSampleID :
FM7

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	62.8	48.1	72.1
206	23.0	18.6	27.8

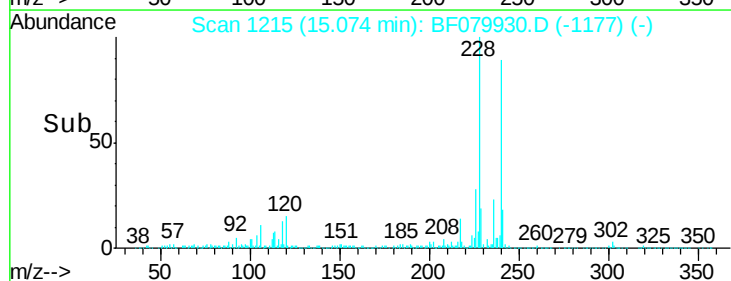
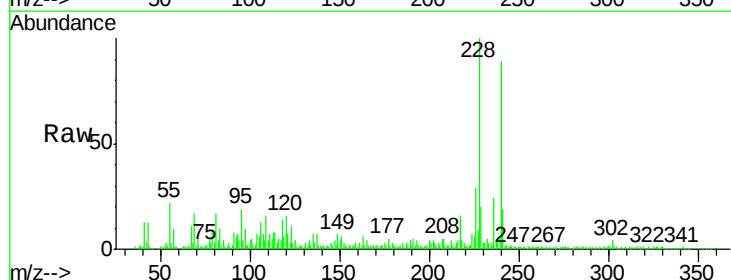
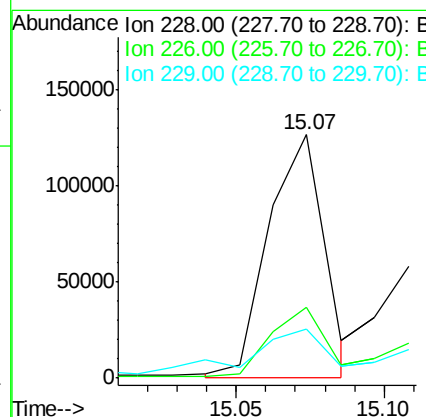
Manual Integrations
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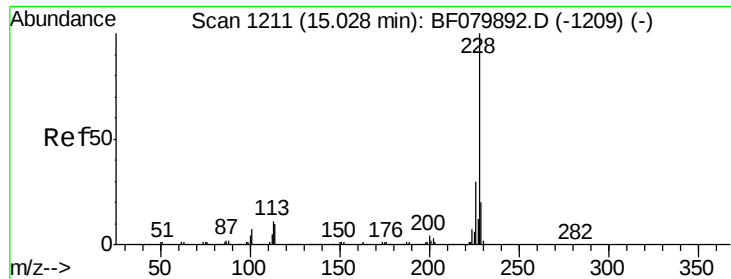
apatel
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#80
Benzo(a)anthracene
Concen: 8.15 ng/ml
RT: 15.07 min Scan# 1215
Delta R.T. 0.24 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.8	21.8	32.8
229	20.3	15.9	23.9





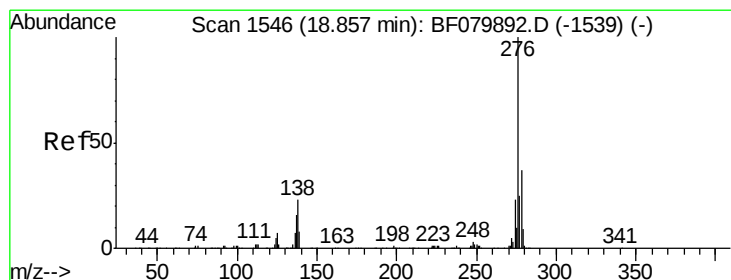
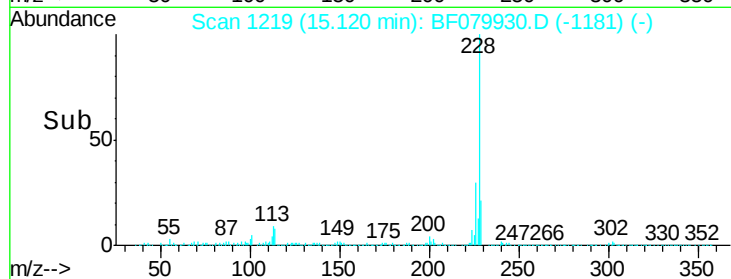
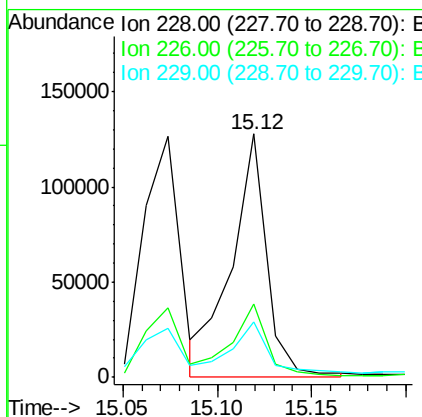
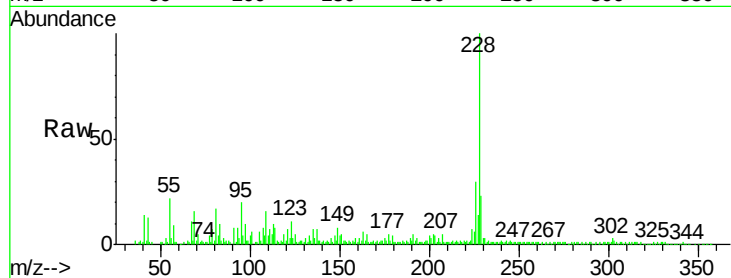
#82
Chrysene
Concen: 8.43 ng m
RT: 15.12 min Scan# 1219
Delta R.T. 0.24 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Instrument :
BNA_F
ClientSampleId :
FM7

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	22.6	16.1	24.1

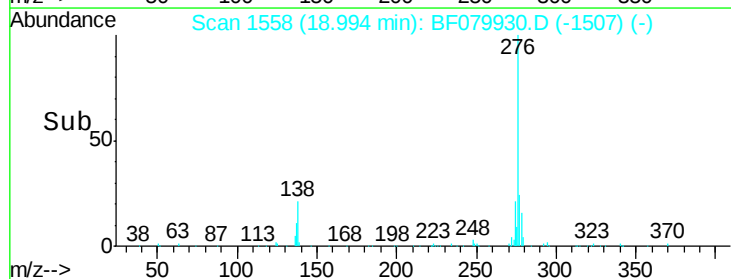
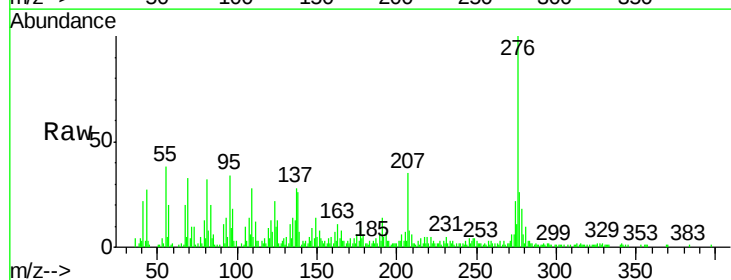
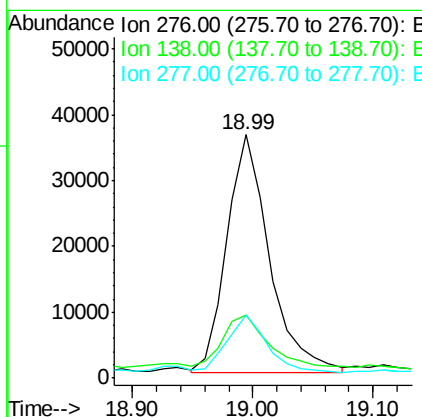
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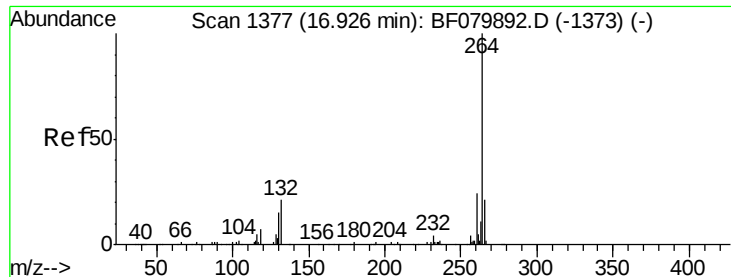
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.17 ng m
RT: 18.99 min Scan# 1558
Delta R.T. 0.39 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.7	21.0	31.4#
277	1.6	19.9	29.9#





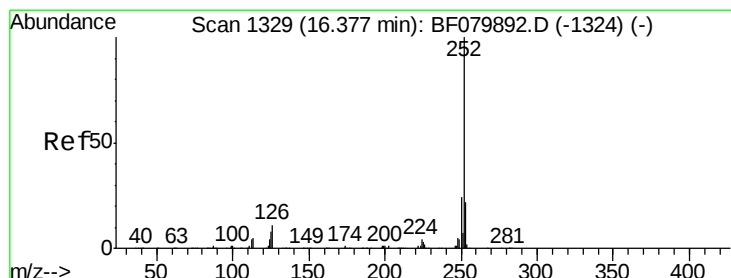
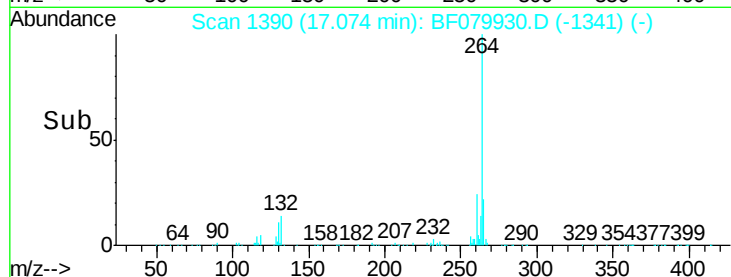
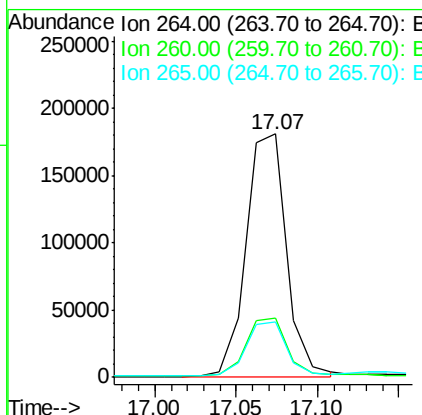
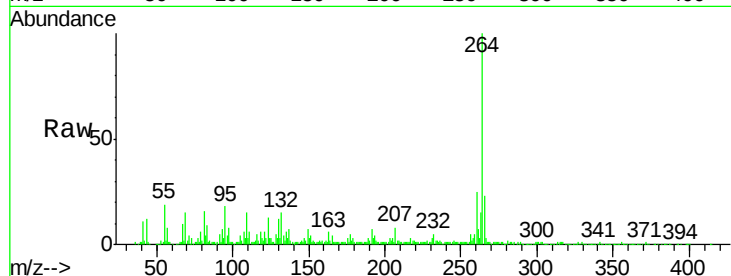
#86
Pervlene-d12
Concen: 20.00 ng m
RT: 17.07 min Scan# 1390
Delta R.T. 0.37 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Instrument :
BNA_F
ClientSampled :
FM7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.7	17.0	25.6

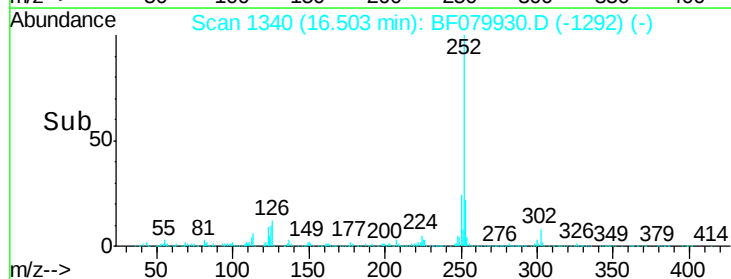
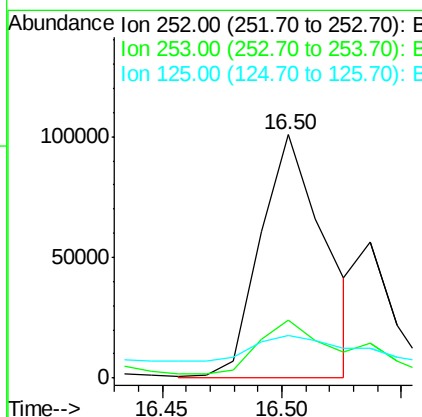
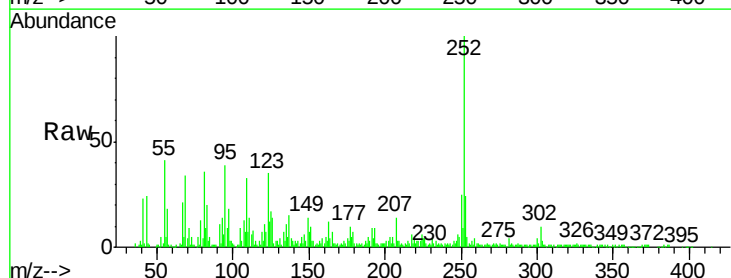
Manual Integrations
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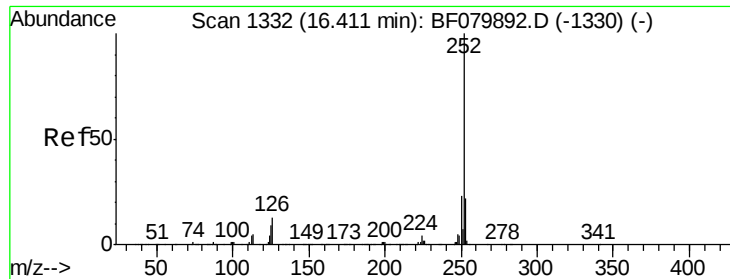
apatel
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#87
Benzo(b)fluoranthene
Concen: 9.84 ng m
RT: 16.50 min Scan# 1340
Delta R.T. 0.34 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	17.5	6.5	9.7#





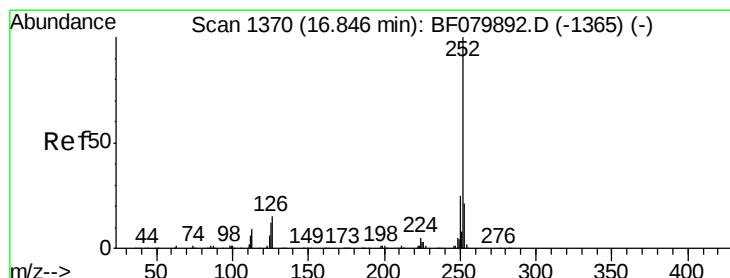
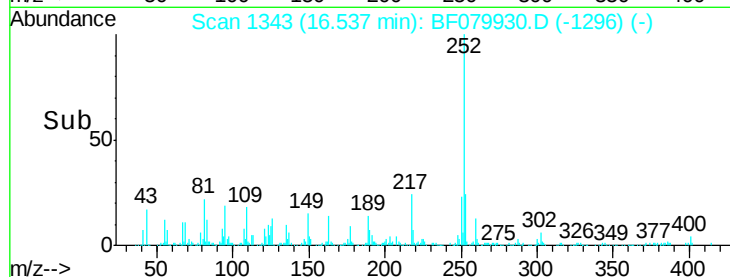
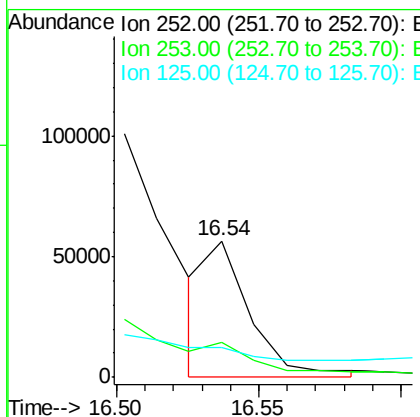
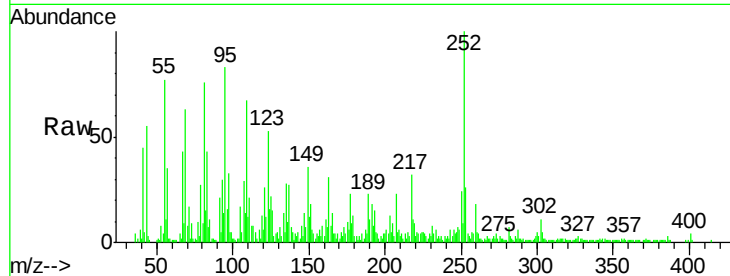
#88
Benzo(k)fluoranthene
Concen: 3.11 ng m
RT: 16.54 min Scan# 1343
Delta R.T. 0.34 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Instrument :
BNA_F
ClientSampleId :
FM7

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.2
125	22.2	7.4	11.0

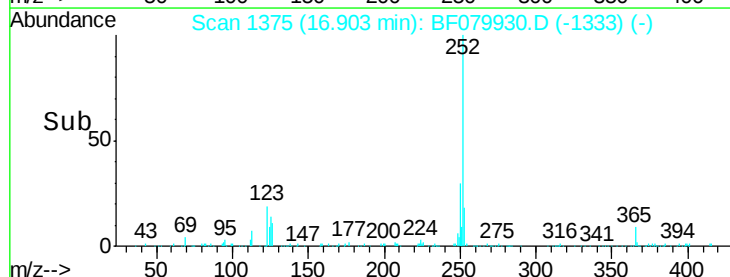
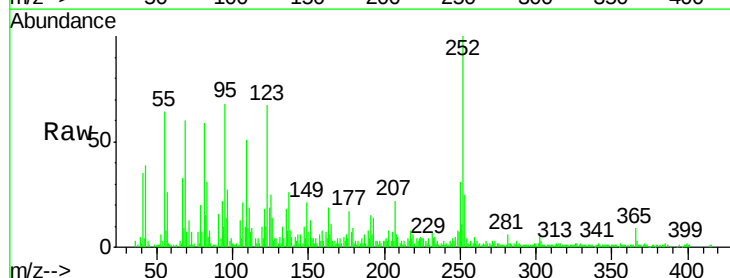
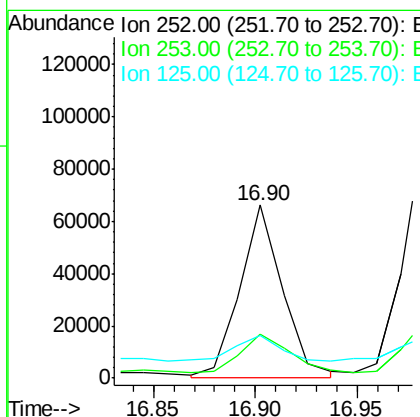
Manual Integrations
APPROVED

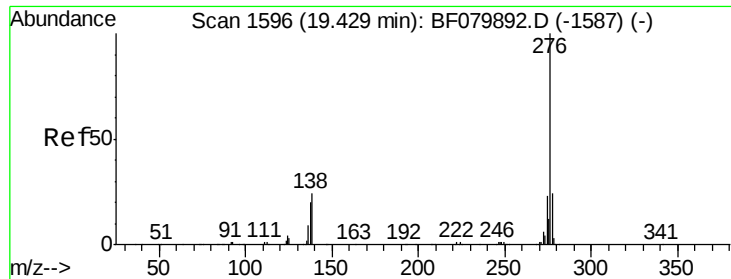
apatel
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#89
Benzo(a)pyrene
Concen: 5.23 ng m
RT: 16.90 min Scan# 1375
Delta R.T. 0.27 min
Lab File: BF079930.D
Acq: 12 Jun 2015 9:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	24.6	9.7	14.5





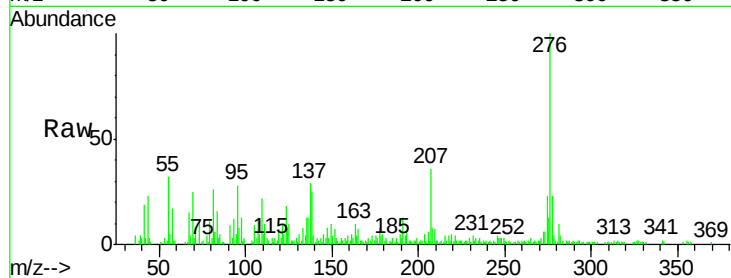
#91
 Benzo(a,h,i)perylene
 Concen: 4.93 ng/ml
 RT: 19.58 min Scan# 1609
 Delta R.T. 0.40 min
 Lab File: BF079930.D
 Acq: 12 Jun 2015 9:40

Instrument :
 BNA_F
 ClientSampleId :
 FM7

Tot Ion:	276	Resp:	91949
Ion Ratio	Lower	Upper	
276	100		
277	22.9	19.4	29.2
138	24.6	19.1	28.7

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

