

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088073.D
 Acq On : 16 Jun 2016 13:58
 Operator : UM/SJ
 Sample : H3510-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916RE

Manual Integrations
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Quant Time: Jun 17 11:05:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	100383	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	364332	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	90007	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	261444	20.00	ng	0.00
75) Chrysene-d12	13.86	240	72033	20.00	ng	0.00
86) Perylene-d12	15.26	264	4406	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	650248	110.74	ng	0.02
7) Phenol-d6	6.36	99	526355	73.96	ng	0.00
23) Nitrobenzene-d5	7.29	82	597468	95.76	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	210597	221.59	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1004378	181.59	ng	0.00
78) Terphenyl-d14	12.82	244	692101	218.64	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	38092	2.11	ng	99
87) Benzo(b)fluoranthene	14.87	252	4268m	13.90	ng	
88) Benzo(k)fluoranthene	14.90	252	2339m	10.10	ng	

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

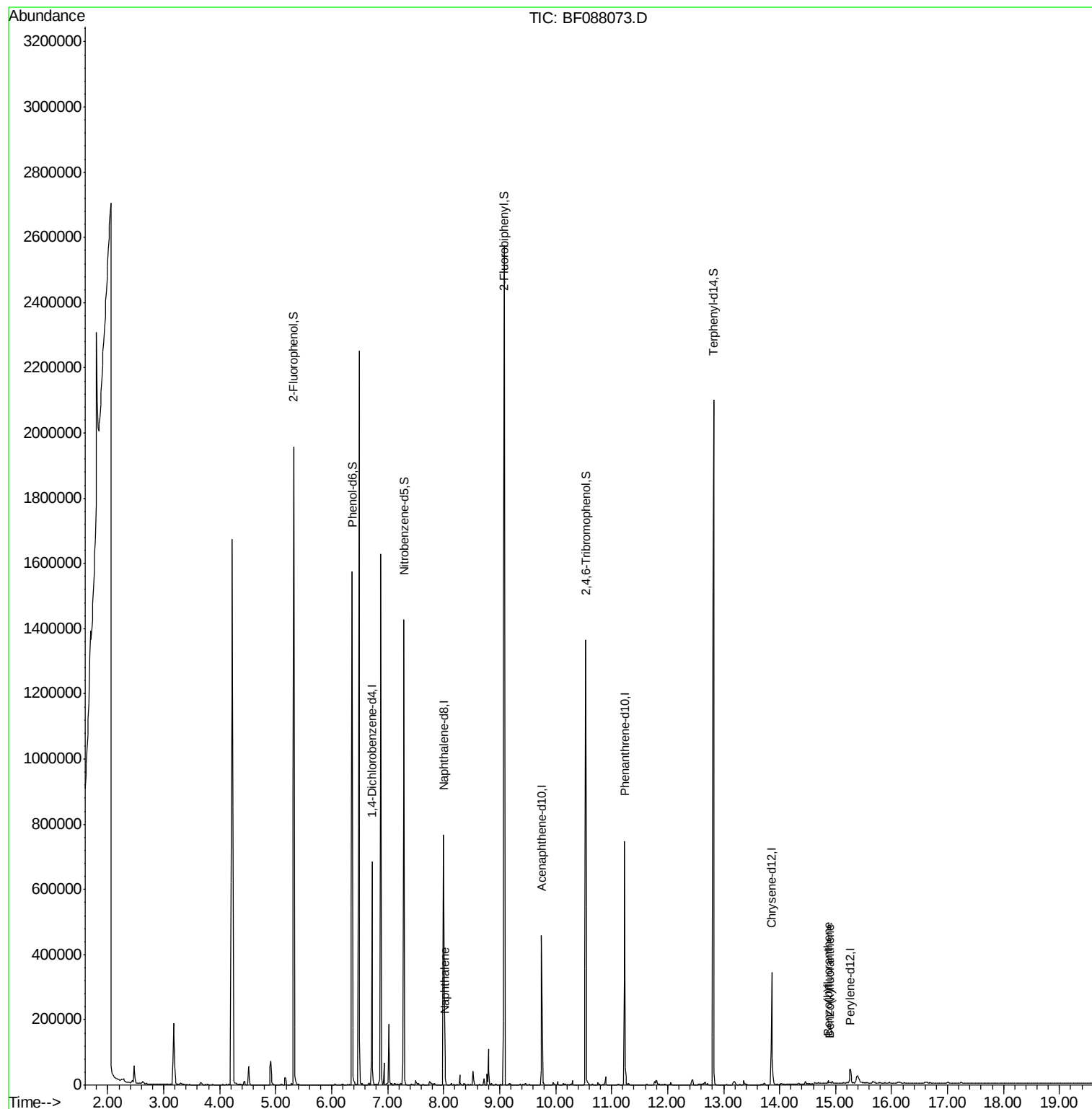
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088073.D
Acq On : 16 Jun 2016 13:58
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#1

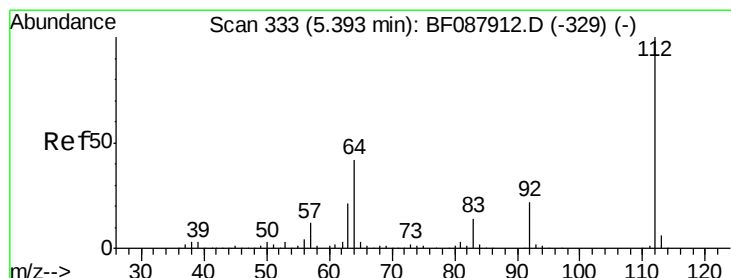
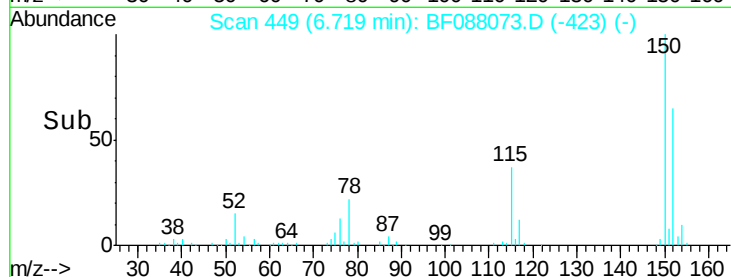
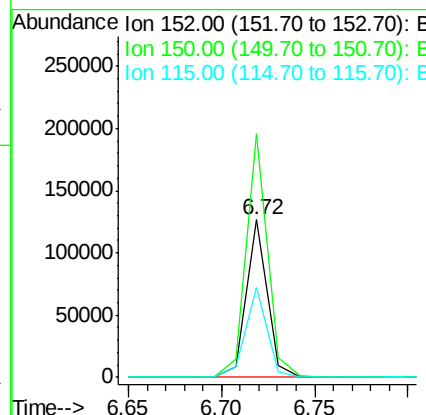
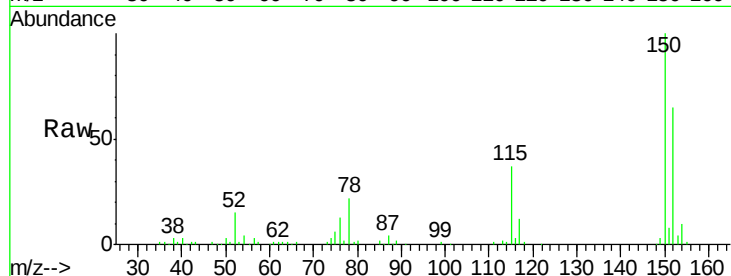
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF088073.D
 Acq: 16 Jun 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.6
115	57.4	39.6	59.4

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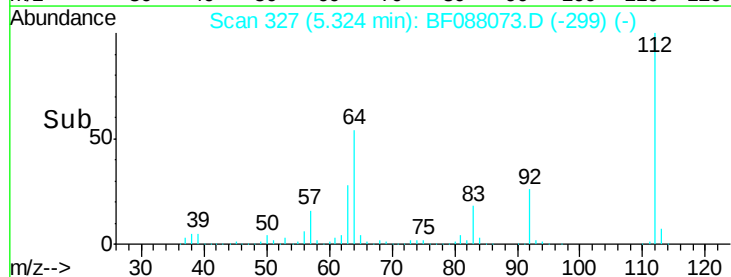
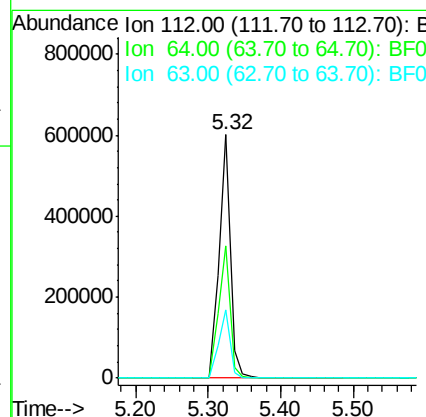
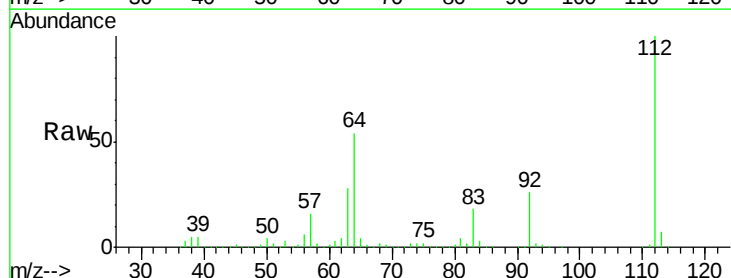
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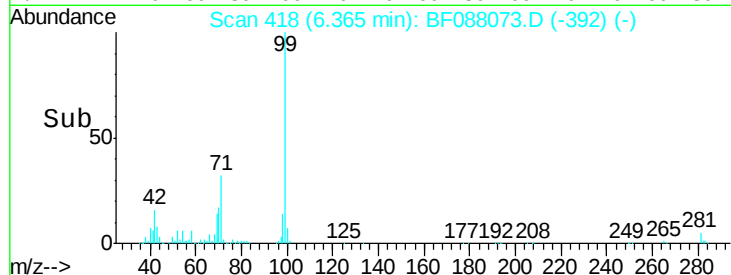
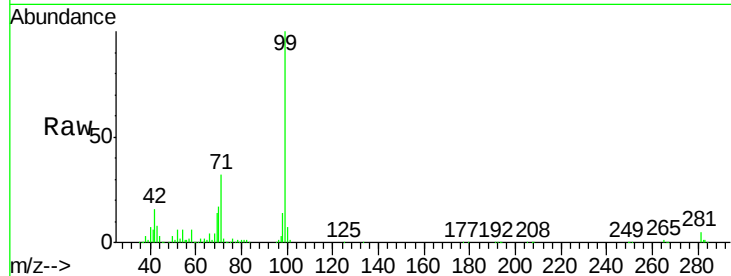
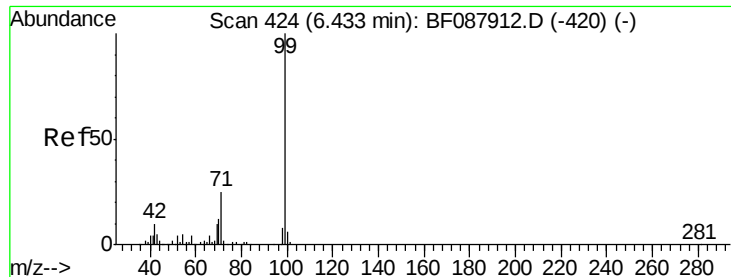


#5

2-Fluorophenol
 Concen: 110.74 ng
 RT: 5.32 min Scan# 327
 Delta R.T. 0.02 min
 Lab File: BF088073.D
 Acq: 16 Jun 2016 13:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.2	63.2
63	27.8	21.8	32.8





#7

Phenol-d6

Concen: 73.96 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088073.D

Acq: 16 Jun 2016 13:58

Tot Ion:	99	Resp:	526355
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.2	18.2
71	31.8	23.4	35.0

Instrument :

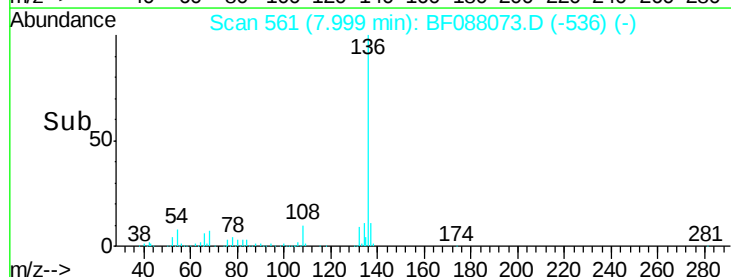
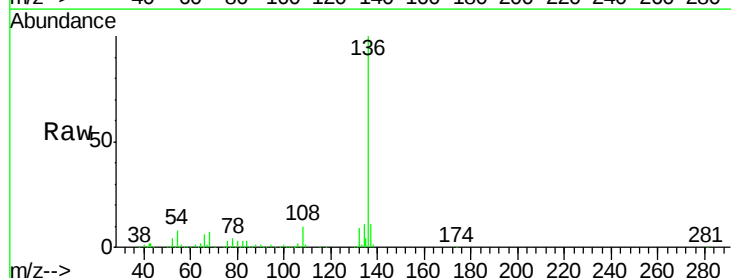
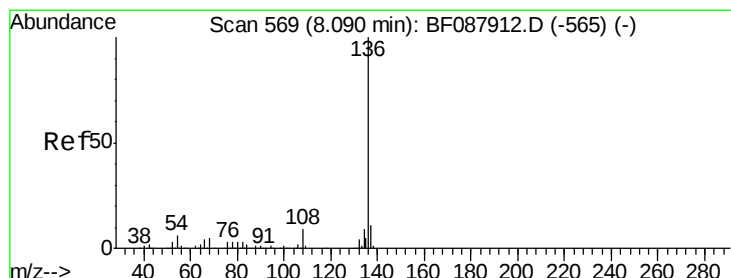
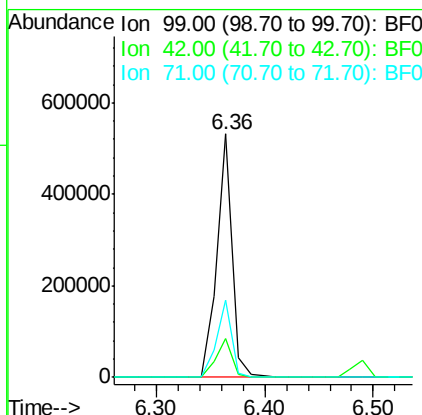
BNA_F

ClientSampleId :

HSR-WC-52-060916RE

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#21

Naphthalene-d8

Concen: 20.00 ng

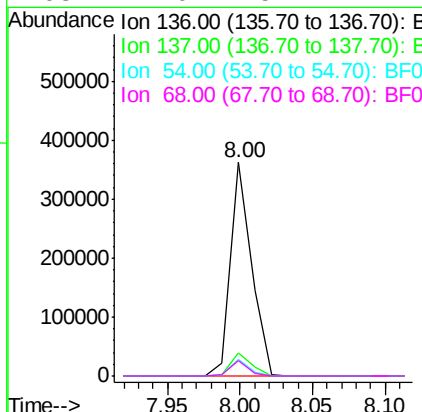
RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088073.D

Acq: 16 Jun 2016 13:58

Tgt Ion:	136	Resp:	364332
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	8.0	6.6	10.0
68	7.0	5.1	7.7





#23

Nitrobenzene-d5

Concen: 95.76 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF088073.D

Acq: 16 Jun 2016 13:58

Instrument :

BNA_F

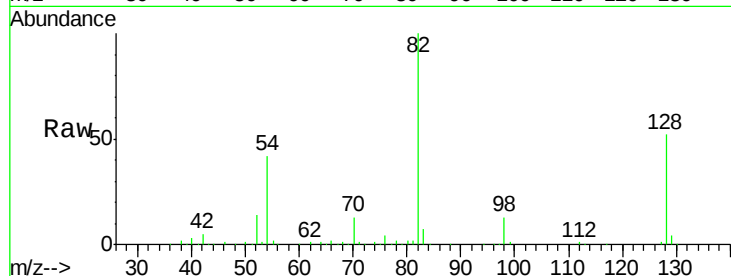
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HSR-WC-52-060916RE

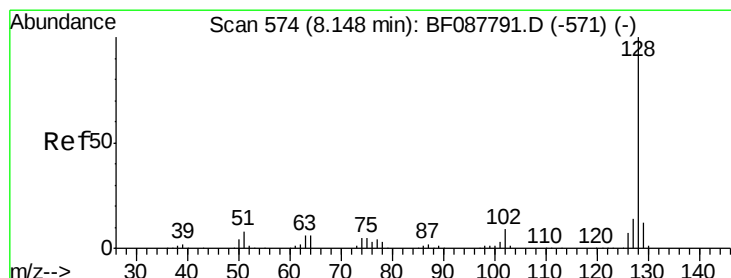
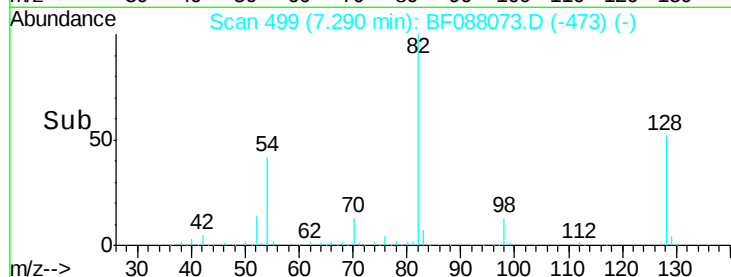
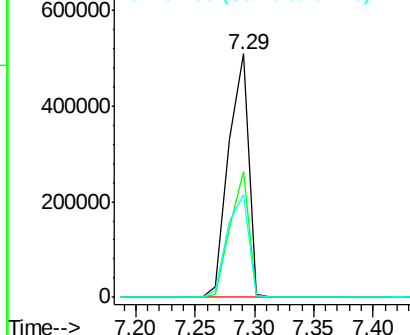
Tot Ion:	82	Resp:	597468
Ion Ratio	Lower	Upper	
82	100		
128	51.9	35.9	53.9
54	42.4	40.9	61.3

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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



#31

Naphthalene

Concen: 2.11 ng

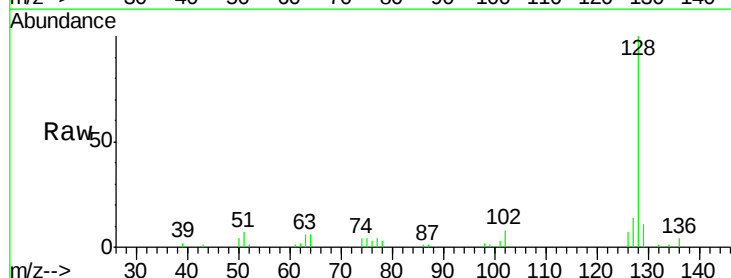
RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

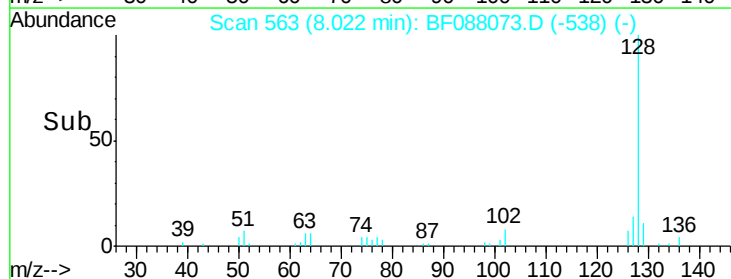
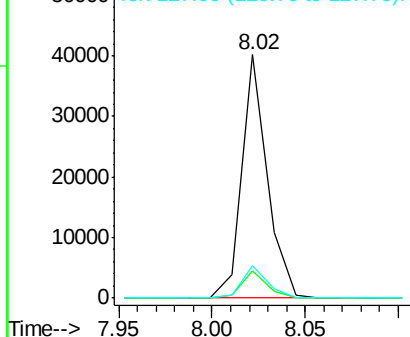
Lab File: BF088073.D

Acq: 16 Jun 2016 13:58

Tgt Ion:	128	Resp:	38092
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.4	14.2
127	13.6	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





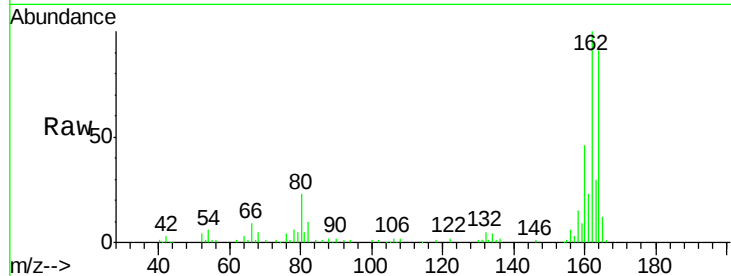
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

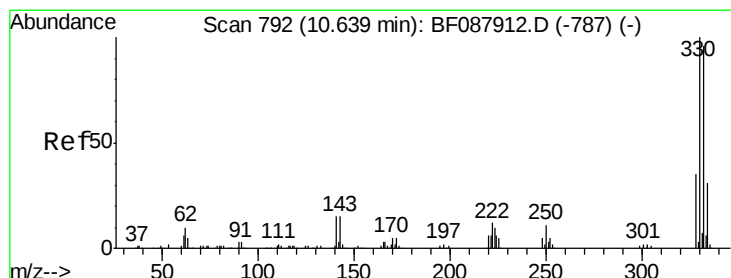
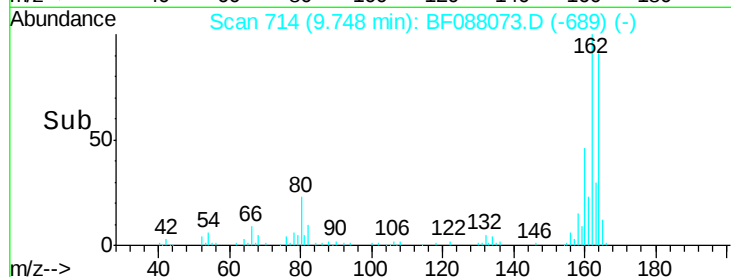
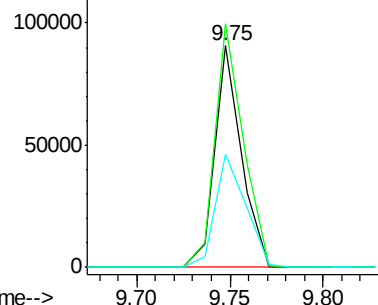
Tot Ion	Ratio	Lower	Upper
164	100		
162	109.8	85.4	128.2
160	50.8	39.5	59.3

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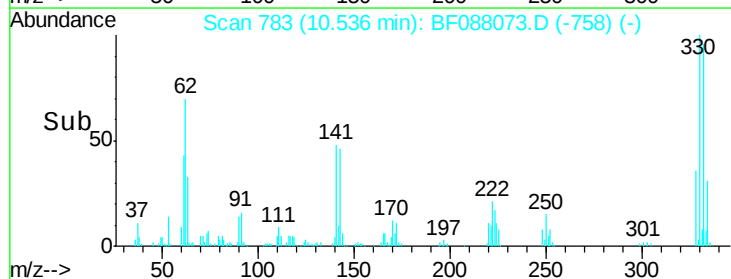
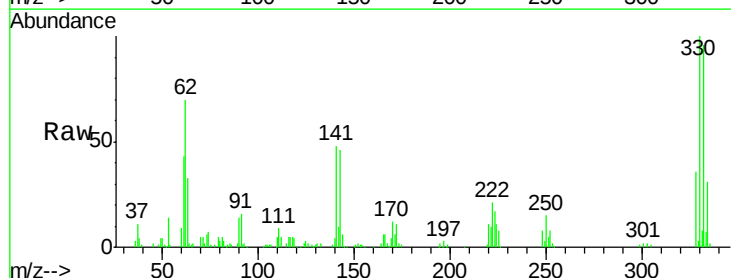
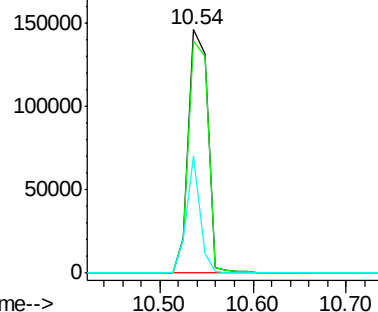
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

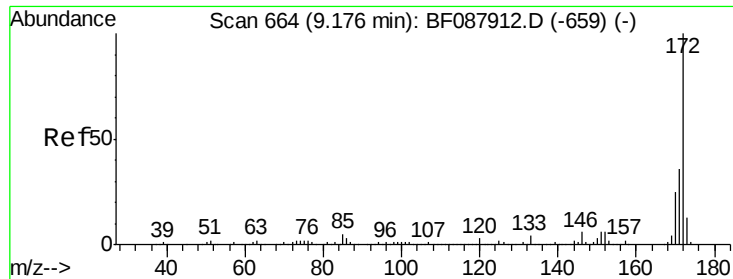


#41
2,4,6-Tribromophenol
Concen: 221.59 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	34.1	0.0	0.0#

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44
 2-Fluorobiphenyl
 Concen: 181.59 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088073.D
 Acq: 16 Jun 2016 13:58

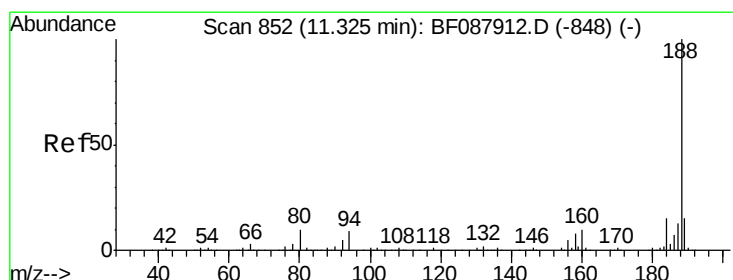
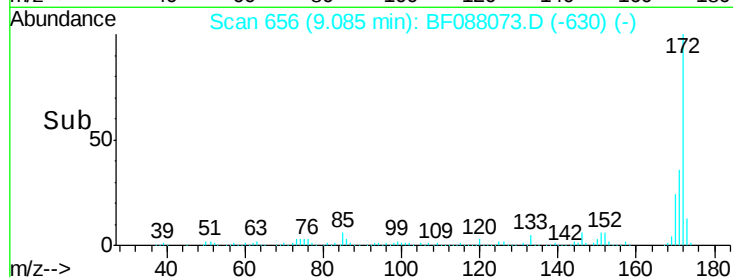
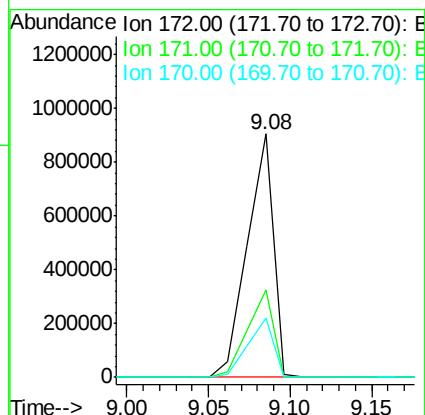
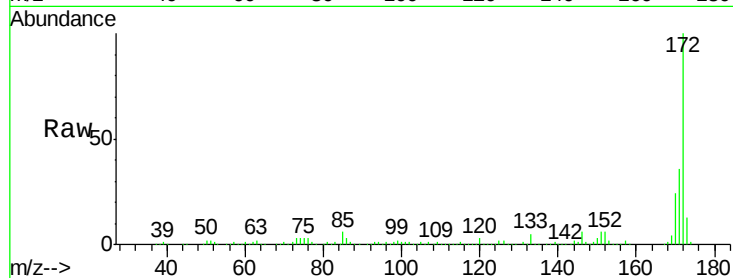
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916RE

Tot Ion:172 Resp: 1004378

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.2	19.2	28.8

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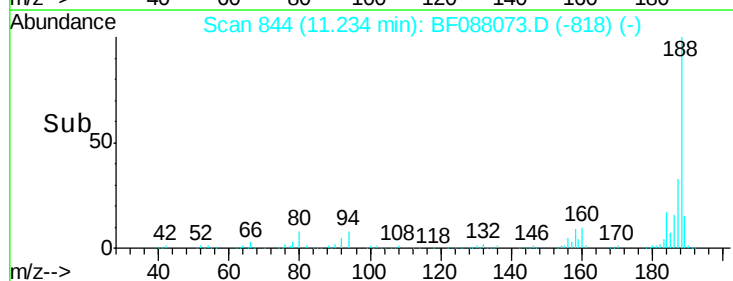
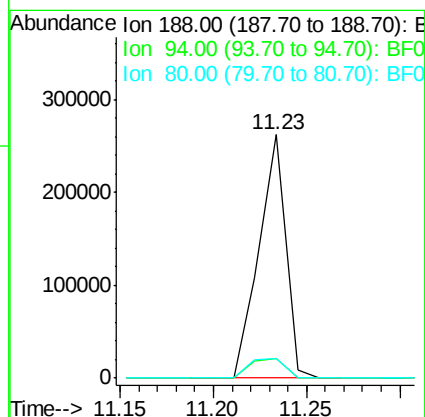
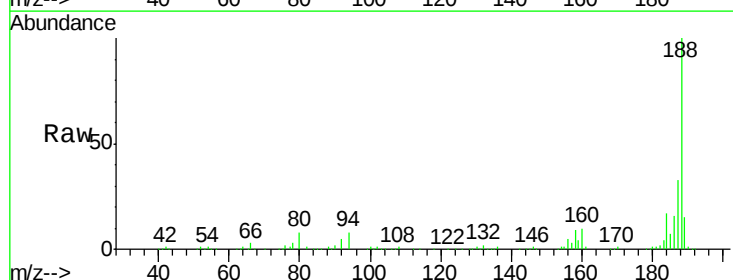
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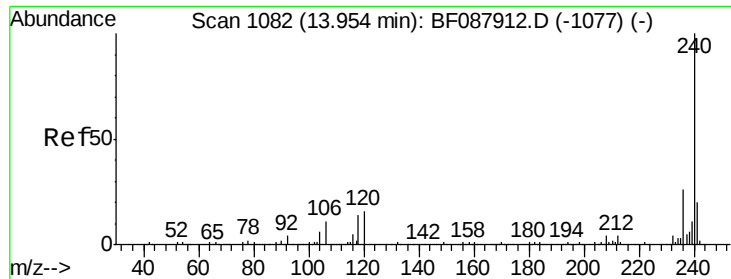


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF088073.D
 Acq: 16 Jun 2016 13:58

Tgt Ion:188 Resp: 261444

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.0	13.6#
80	8.2	10.0	15.0#





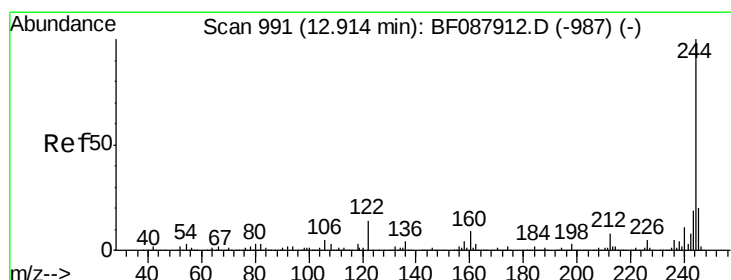
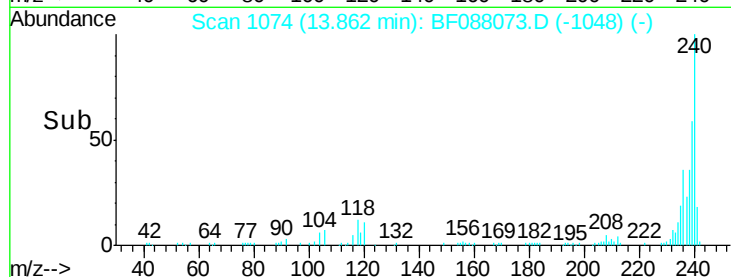
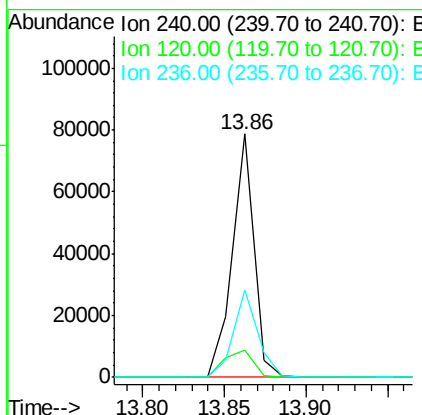
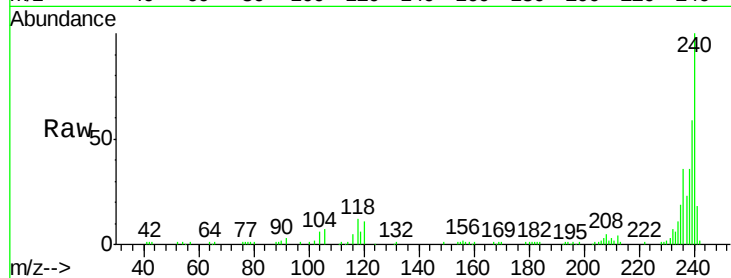
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleID :
HSR-WC-52-060916RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	6.8	10.2#
236	36.2	20.2	30.2#

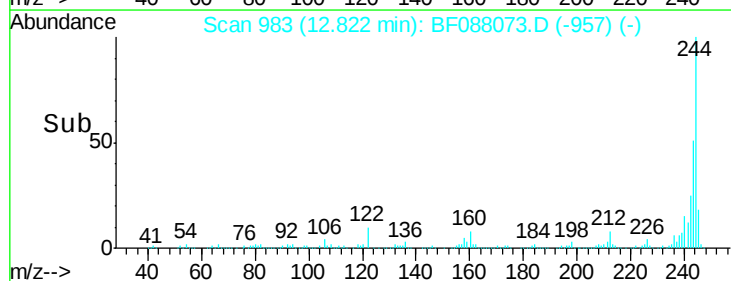
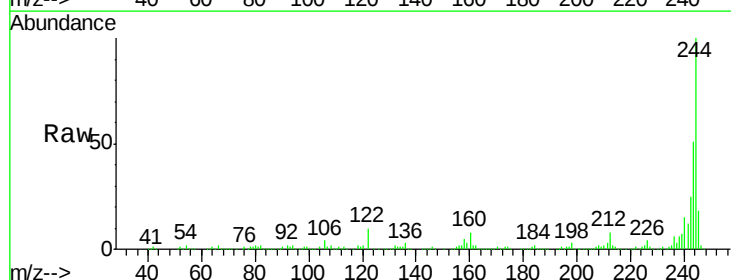
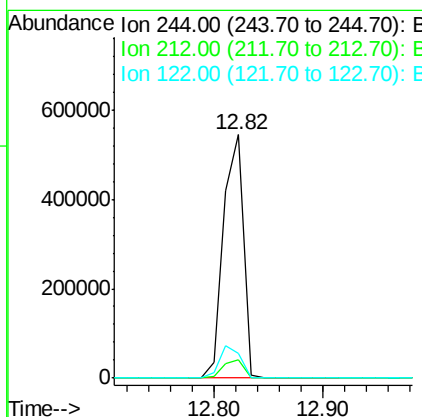
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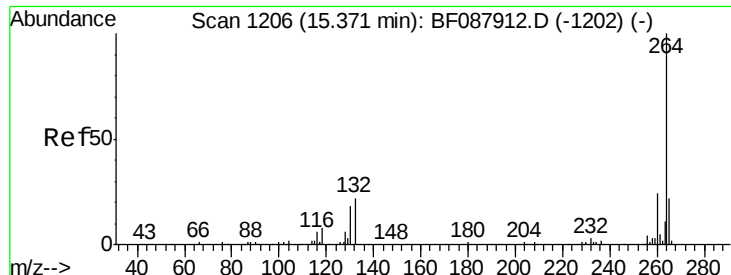
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#78
Terphenyl-d14
Concen: 218.64 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	10.3	11.2	16.8#





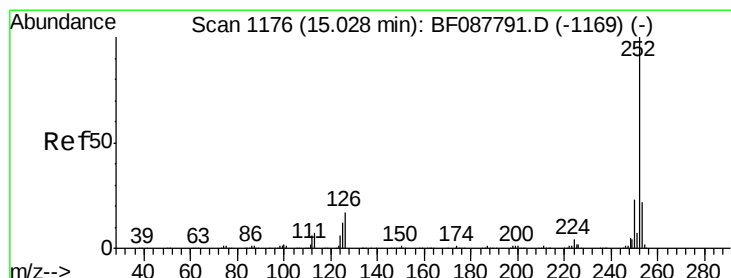
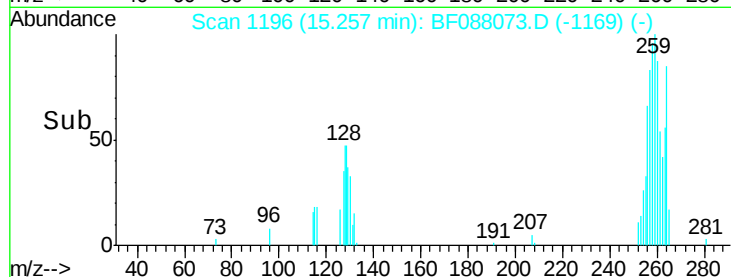
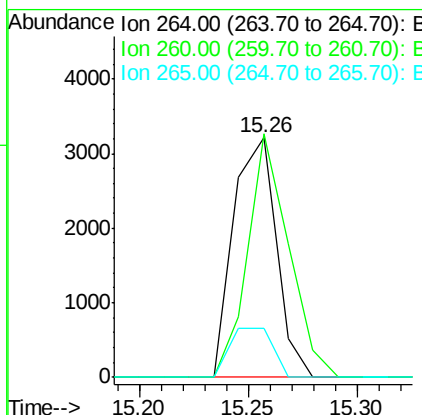
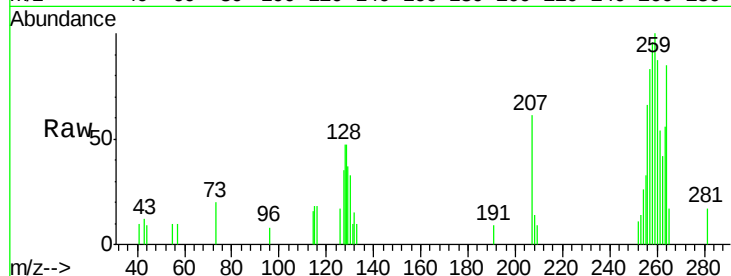
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	101.8	19.2	28.8#
265	20.4	16.9	25.3

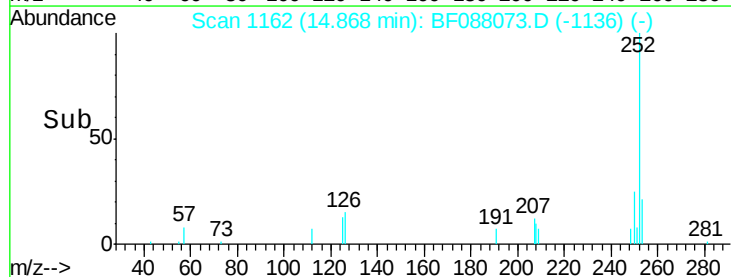
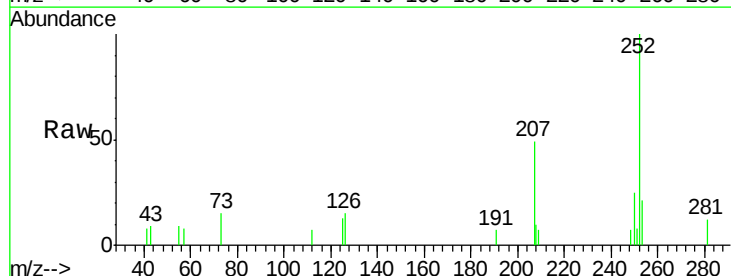
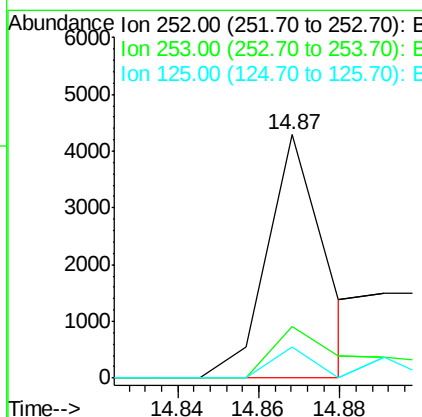
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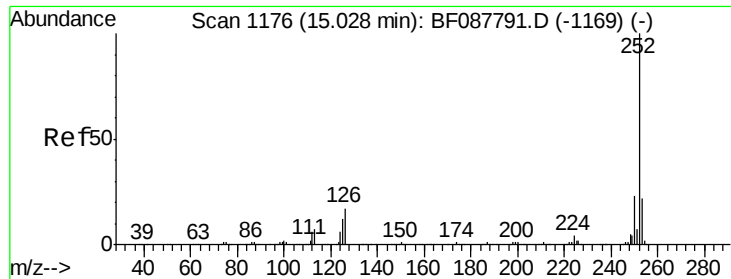
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#87
Benzo(b)fluoranthene
Concen: 13.90 ng m
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	12.6	7.1	10.7#





#88
 Benzo(k)fluoranthene
 Concen: 10.10 ng m
 RT: 14.90 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF088073.D
 Acq: 16 Jun 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.0	27.0
125	0.0	11.2	16.8

Manual Integrations
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