

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083930.D
 Acq On : 18 Dec 2015 23:12
 Operator : UM/SJ
 Sample : G4759-09RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K208-0-2RE

Manual Integrations
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Quant Time: Dec 19 05:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	164807	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	703196	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	298158	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	427365	20.00	ng	0.00
75) Chrysene-d12	14.03	240	295010	20.00	ng	0.00
86) Perylene-d12	15.48	264	324417	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	542949	51.56	ng	0.01
7) Phenol-d6	6.52	99	641332	49.75	ng	0.01
23) Nitrobenzene-d5	7.44	82	420633	34.14	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	123063	37.47	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	679740	28.62	ng	-0.01
78) Terphenyl-d14	12.98	244	394220	26.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	177072	7.08	ng	Qvalue # 90
70) Phenanthrene	11.41	178	128489	4.98	ng	100
74) Fluoranthene	12.60	202	150123	5.83	ng	98
77) Pyrene	12.83	202	157428	5.91	ng	99
80) Benzo(a)anthracene	14.02	228	90309	4.98	ng	94
82) Chrysene	14.05	228	71056m	4.06	ng	
85) Indeno(1,2,3-cd)pyrene	16.91	276	60404	4.61	ng	95
87) Benzo(b)fluoranthene	15.06	252	121121m	5.12	ng	
89) Benzo(a)pyrene	15.41	252	82443	4.22	ng	# 81
91) Benzo(g,h,i)perylene	17.35	276	62850	4.22	ng	95

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

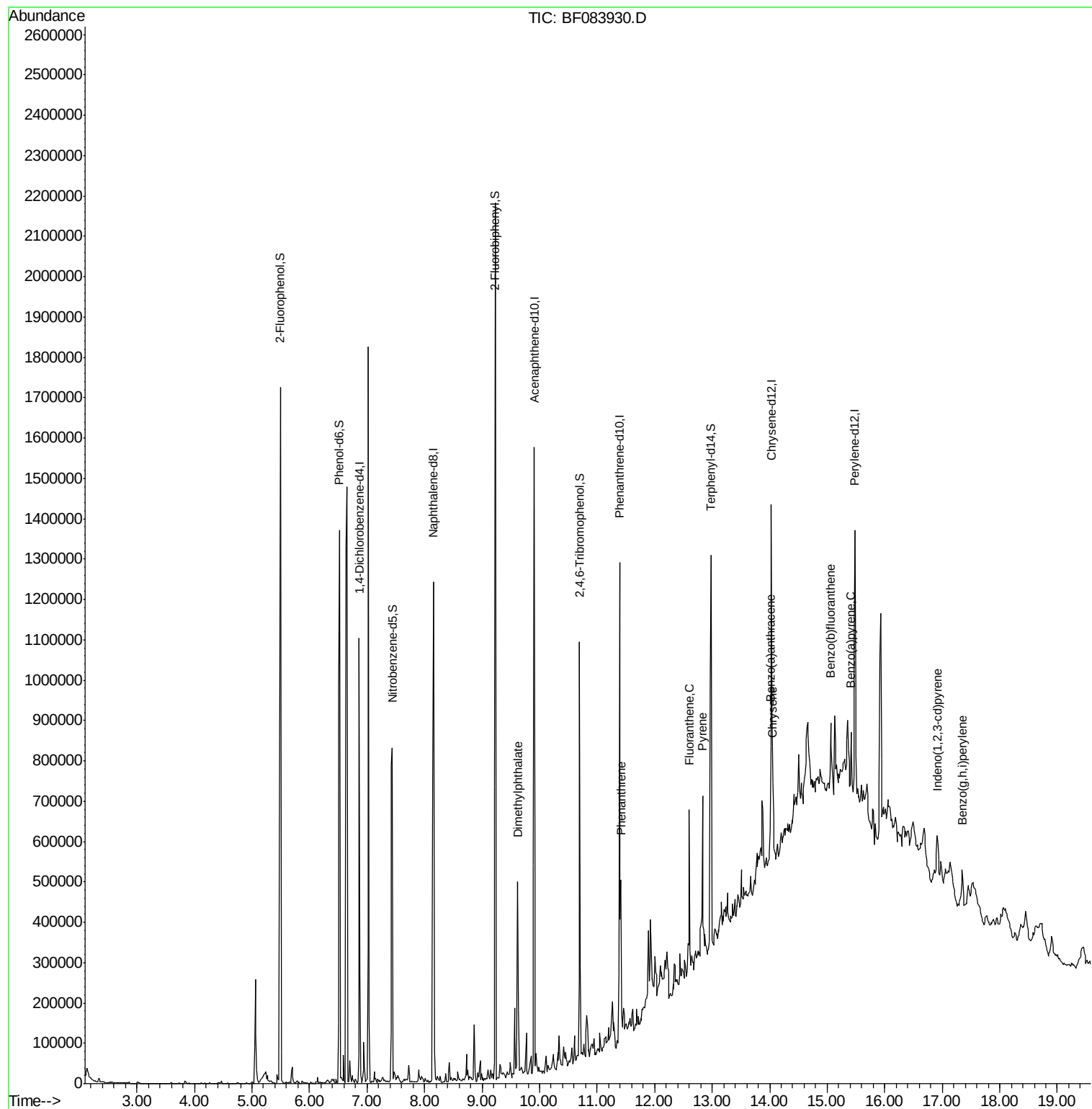
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083930.D
Acq On : 18 Dec 2015 23:12
Operator : UM/SJ
Sample : G4759-09RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

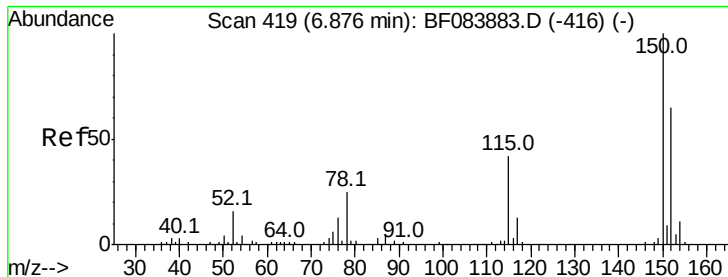
Instrument :
BNA_F
ClientSampleId :
K208-0-2RE

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Quant Time: Dec 19 05:03:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

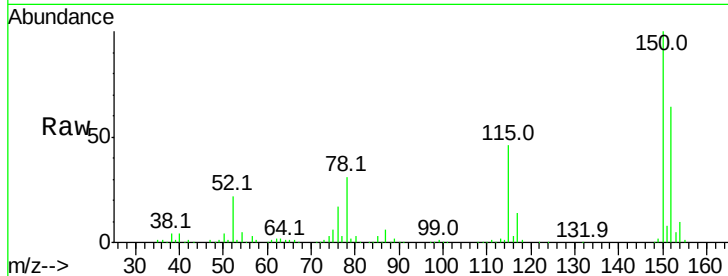
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Instrument :
BNA_F
ClientSampleId :
K208-0-2RE

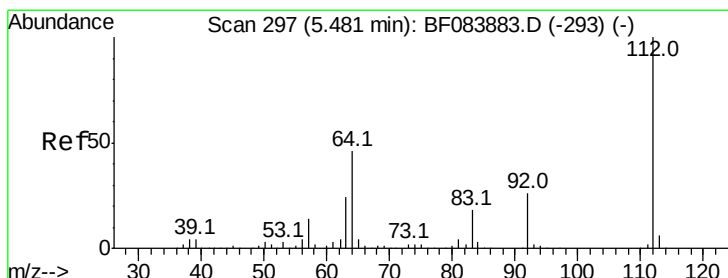
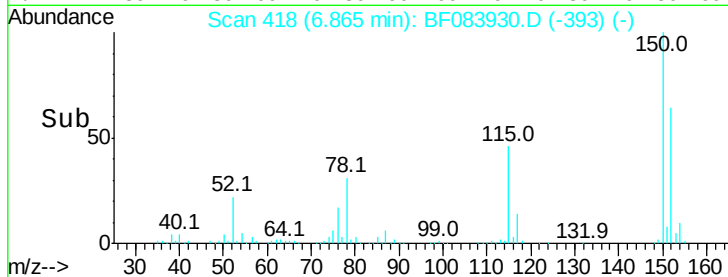
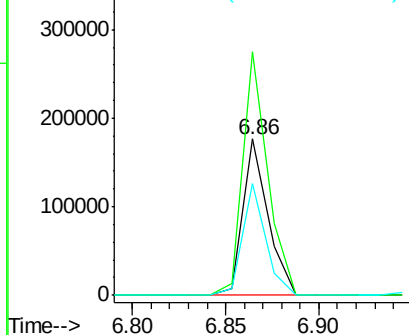
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.0	184.4
115	71.6	51.4	77.2

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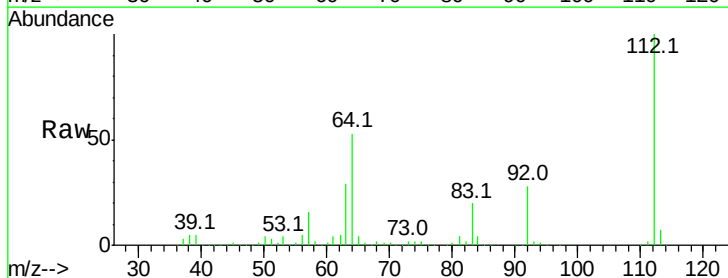
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



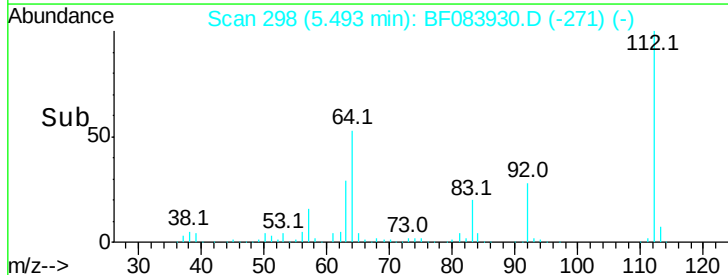
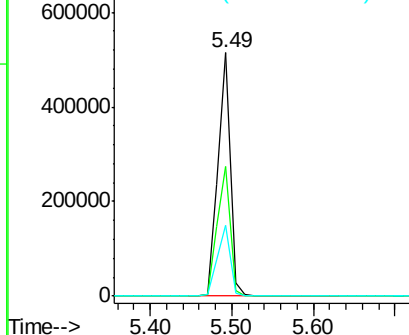
#5

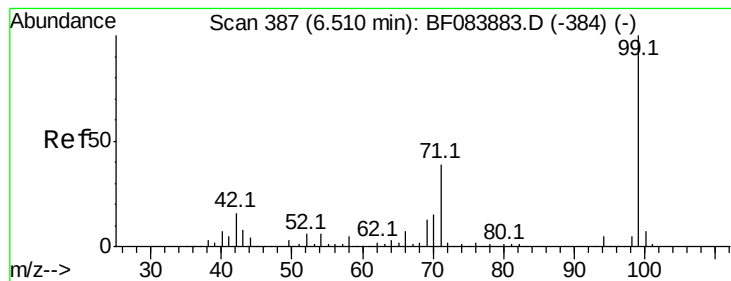
2-Fluorophenol
Concen: 51.56 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	36.6	55.0
63	29.3	19.4	29.0



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





#7

Phenol-d6

Concen: 49.75 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083930.D

Acq: 18 Dec 2015 23:12

Instrument :

BNA_F

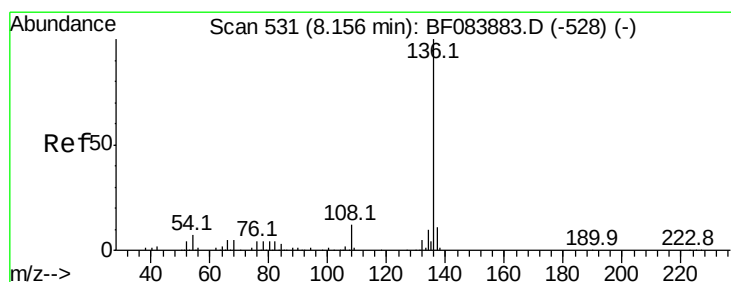
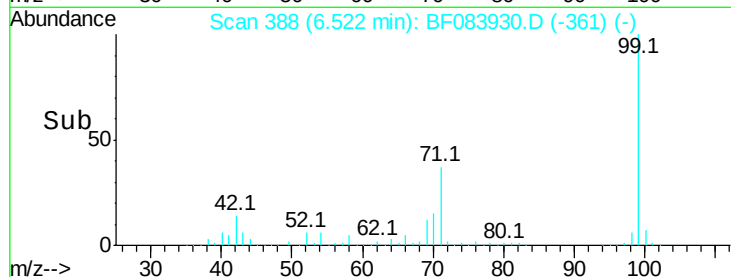
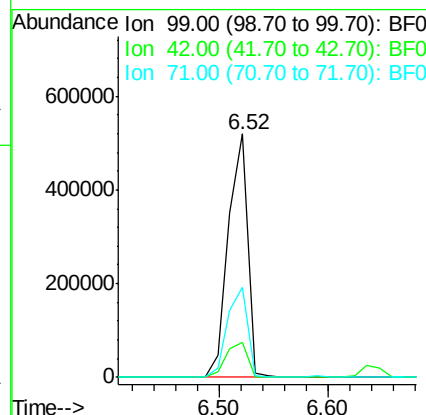
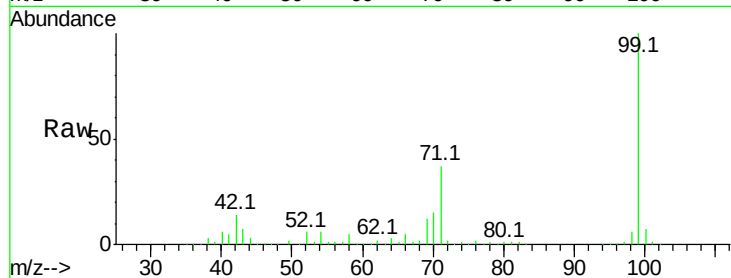
ClientSampleId :

K208-0-2RE

Tot Ion:	99	Resp:	641332
Ion Ratio	Lower	Upper	
99	100		
42	14.3	12.8	19.2
71	36.8	30.9	46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

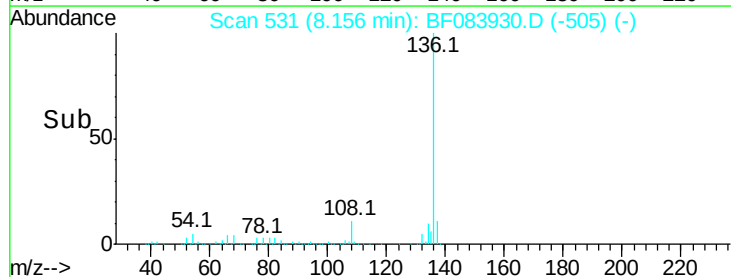
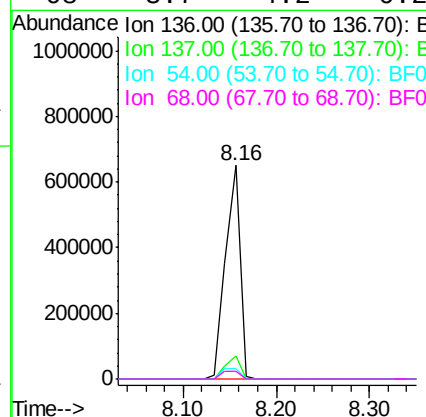
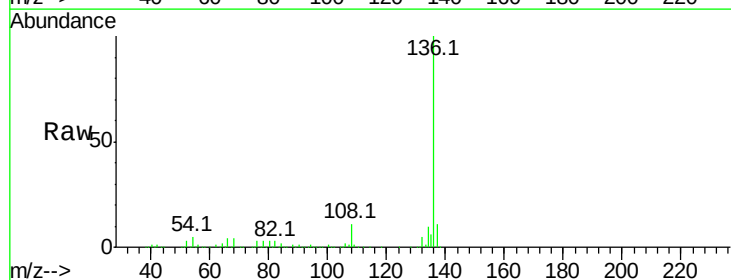
RT: 8.16 min Scan# 531

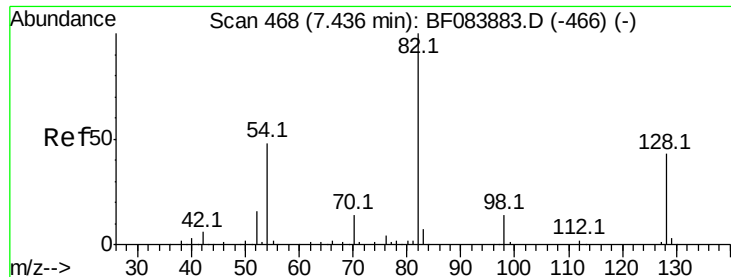
Delta R.T. 0.00 min

Lab File: BF083930.D

Acq: 18 Dec 2015 23:12

Tgt Ion:	136	Resp:	703196
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	4.7	5.8	8.8#
68	3.7	4.2	6.2#





#23

Nitrobenzene-d5

Concen: 34.14 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF083930.D

Acq: 18 Dec 2015 23:12

Instrument :

BNA_F

ClientSampleId :

K208-0-2RE

Tot Ion: 82 Resp: 420633

Ion Ratio Lower Upper

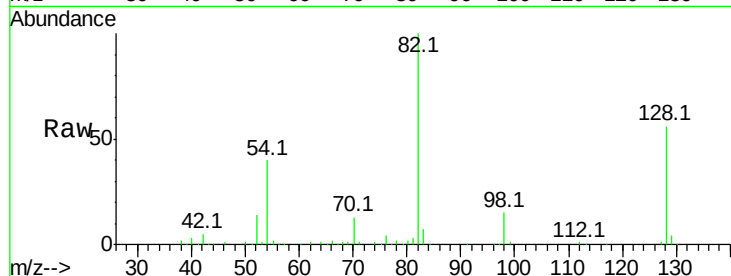
82 100

128 56.3 34.6 51.8#

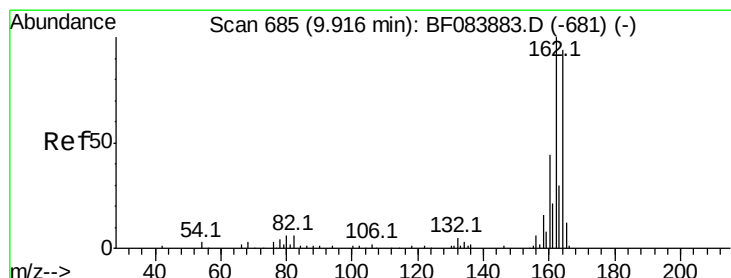
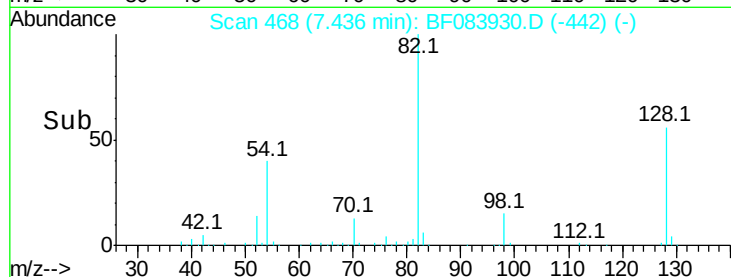
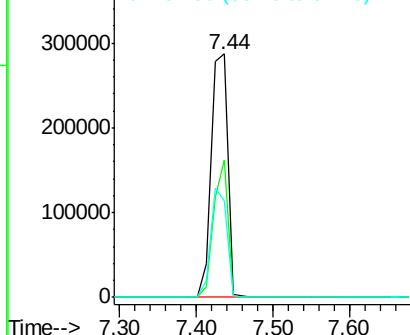
54 39.7 38.4 57.6

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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: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083930.D

Acq: 18 Dec 2015 23:12

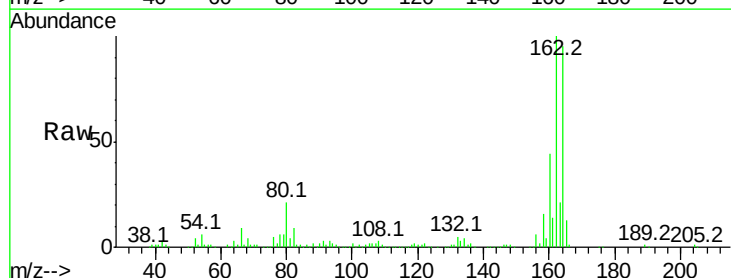
Tgt Ion:164 Resp: 298158

Ion Ratio Lower Upper

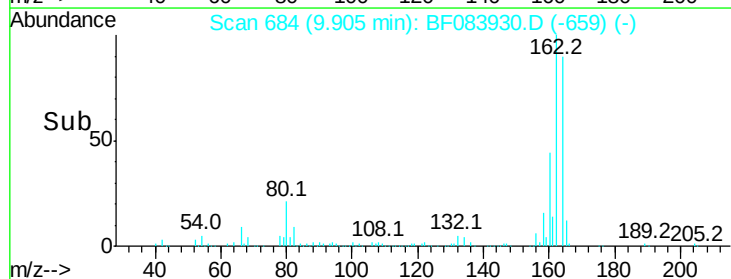
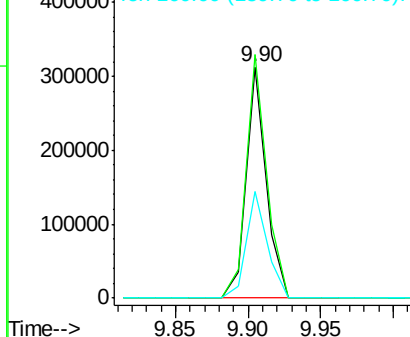
164 100

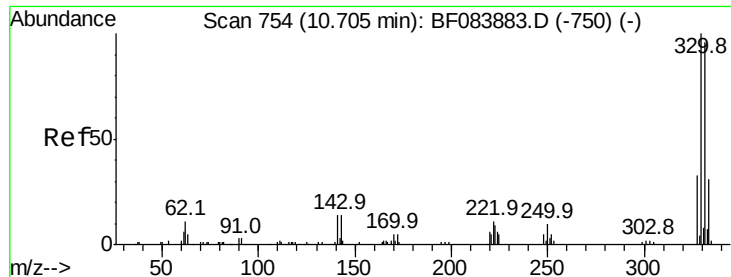
162 105.3 85.1 127.7

160 46.2 37.5 56.3



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





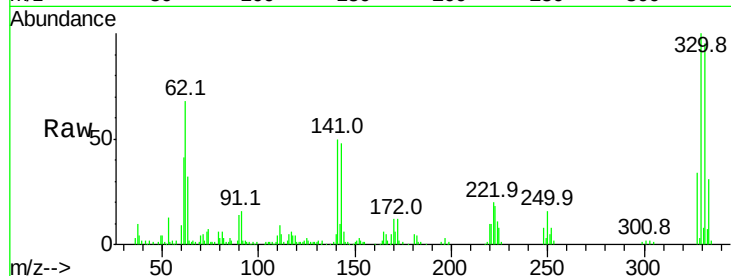
#41
 2,4,6-Tribromophenol
 Concen: 37.47 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083930.D
 Acq: 18 Dec 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 K208-0-2RE

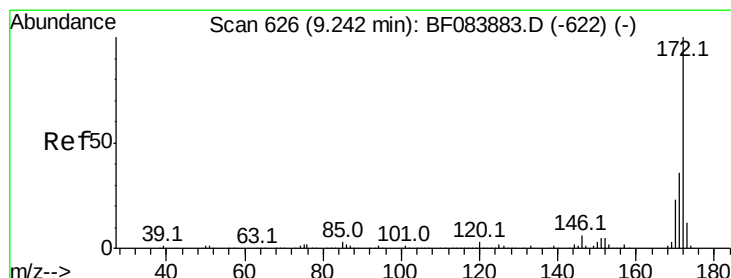
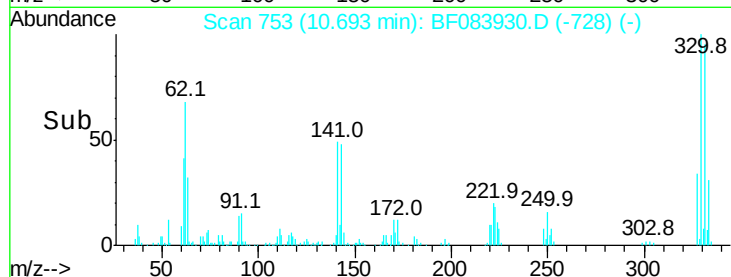
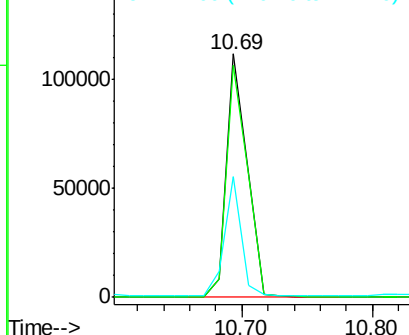
Tot Ion:	330	Resp:	123063
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.6	114.8
141	41.1	27.8	41.6

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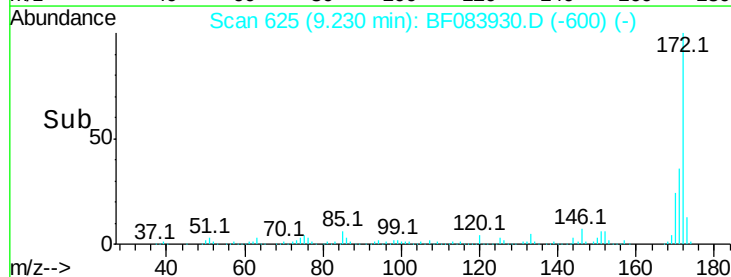
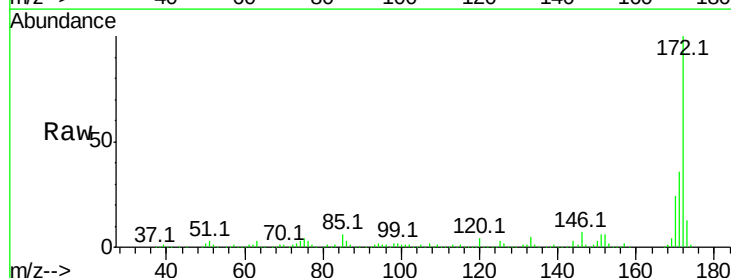
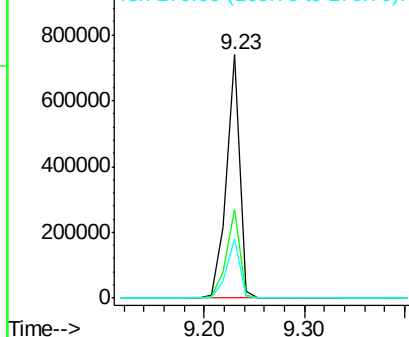
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

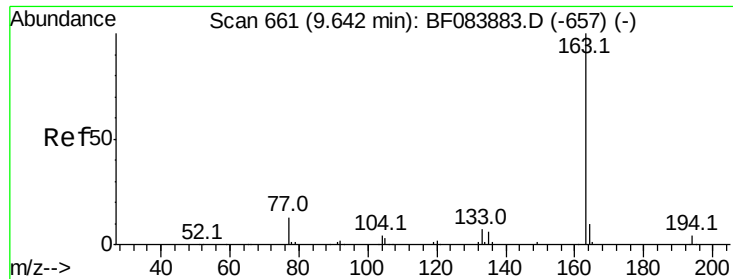


#44
 2-Fluorobiphenyl
 Concen: 28.62 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083930.D
 Acq: 18 Dec 2015 23:12

Tgt Ion:	172	Resp:	679740
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.9	43.3
170	24.1	18.6	27.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





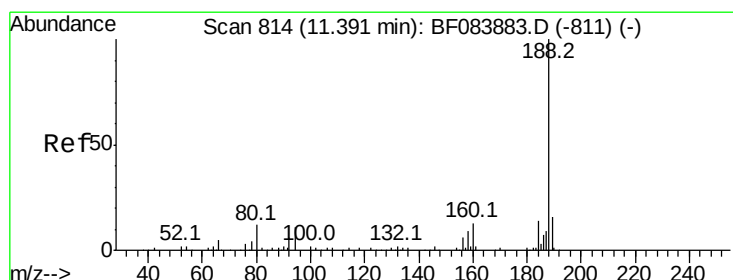
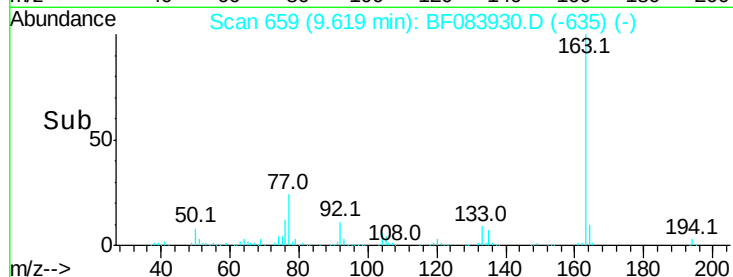
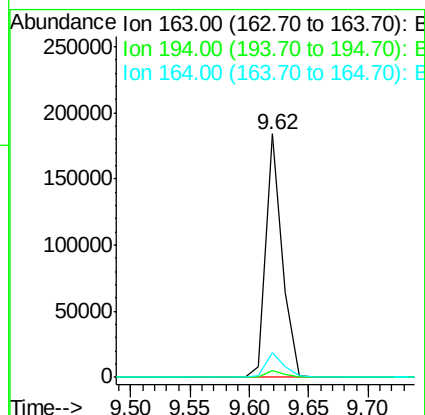
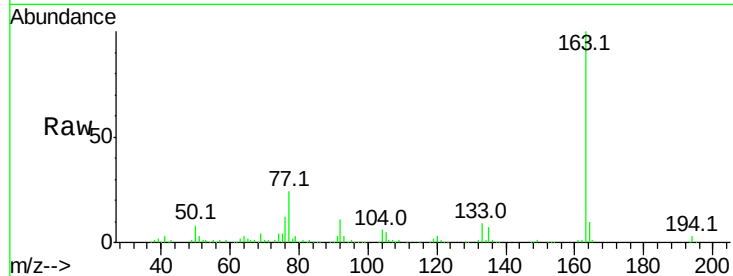
#49
Dimethylphthalate
Concen: 7.08 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Instrument :
BNA_F
ClientSampleId :
K208-0-2RE

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	2.9	8.0	12.0#
164	10.3	8.0	12.0

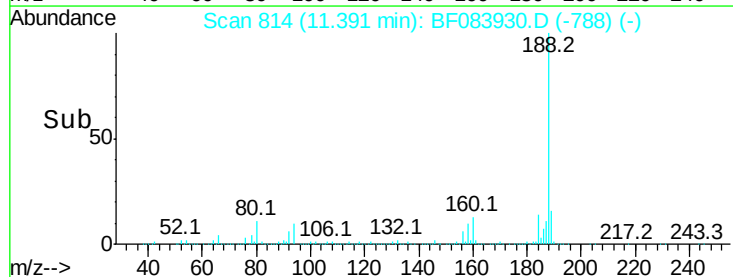
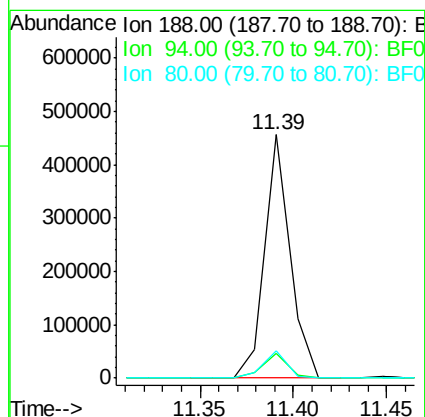
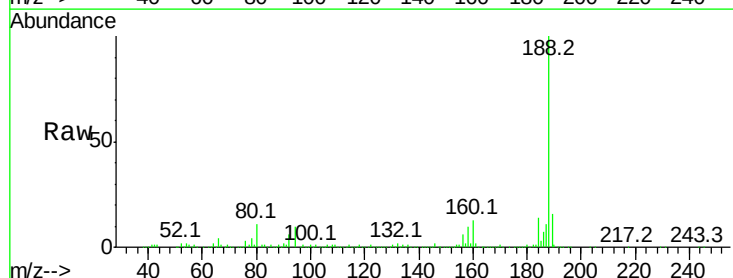
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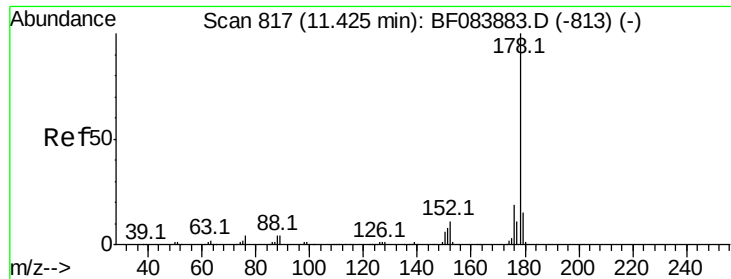
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.2	9.0	13.4
80	11.2	9.6	14.4





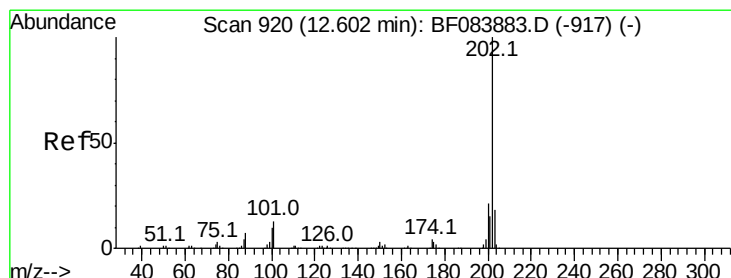
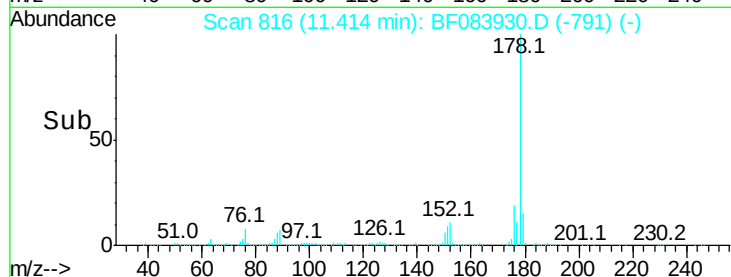
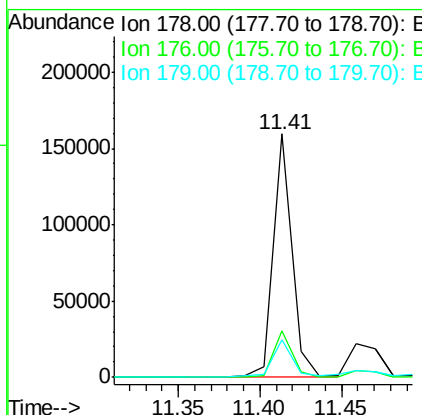
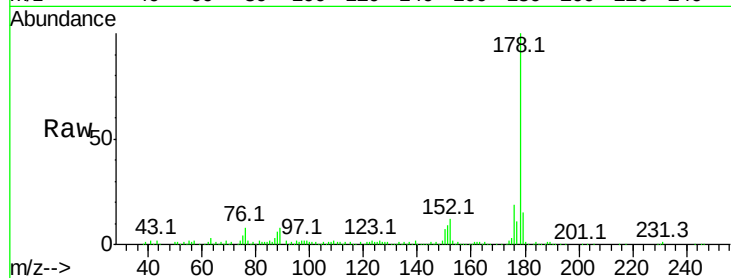
#70
Phenanthrene
Concen: 4.98 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Instrument :
BNA_F
ClientSampleId :
K208-0-2RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.0	18.0

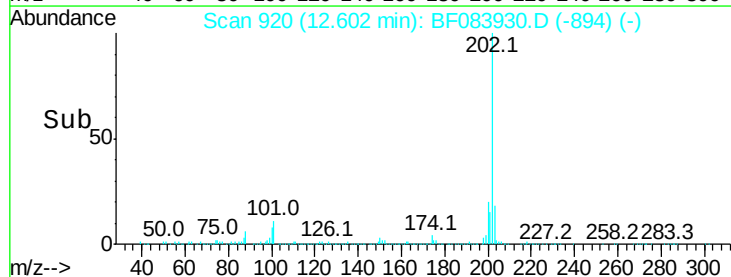
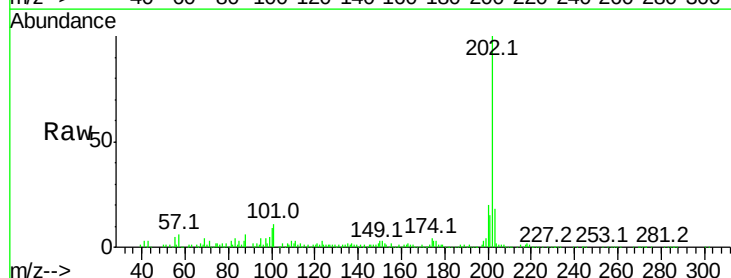
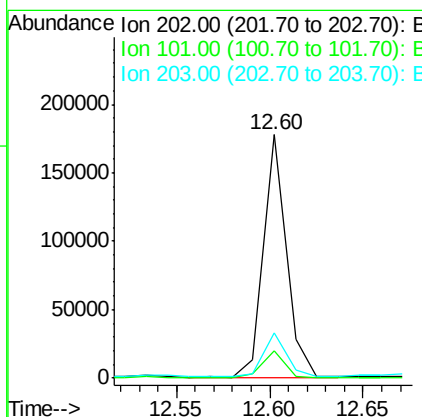
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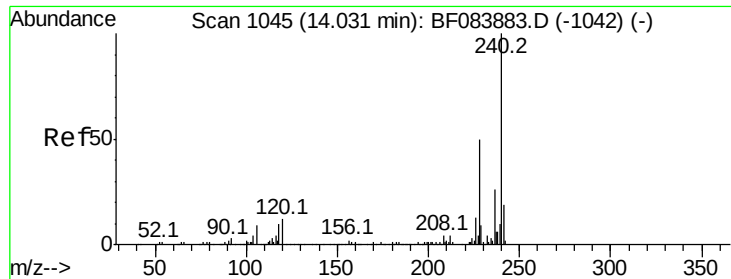
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#74
Fluoranthene
Concen: 5.83 ng
RT: 12.60 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.8
203	18.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF083930.D

Acq: 18 Dec 2015 23:12

Instrument :

BNA_F

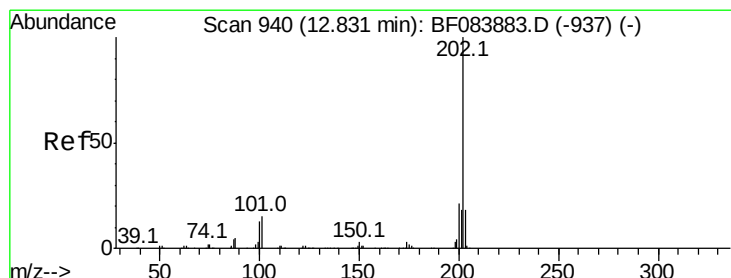
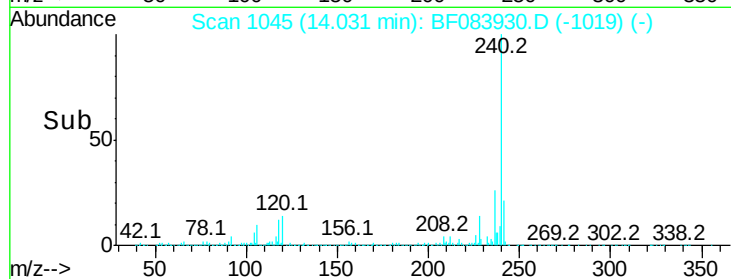
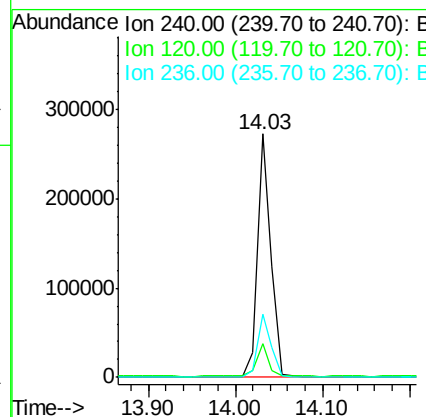
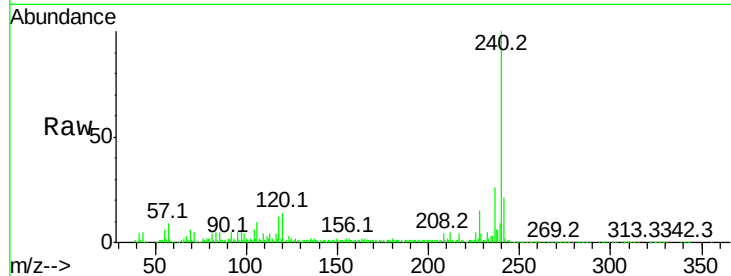
ClientSampleId :

K208-0-2RE

Tot Ion:	240	Resp:	295010
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	26.0	20.6	31.0

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#77

Pyrene

Concen: 5.91 ng

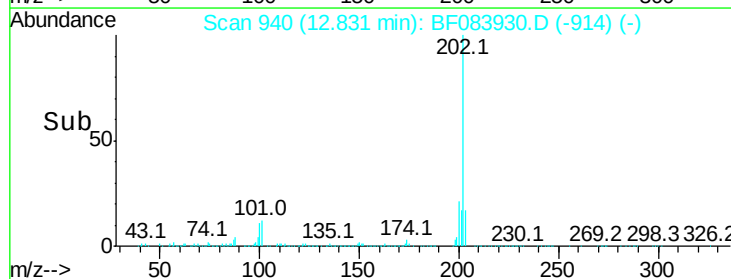
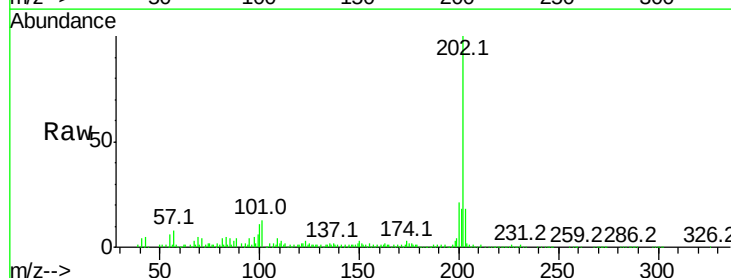
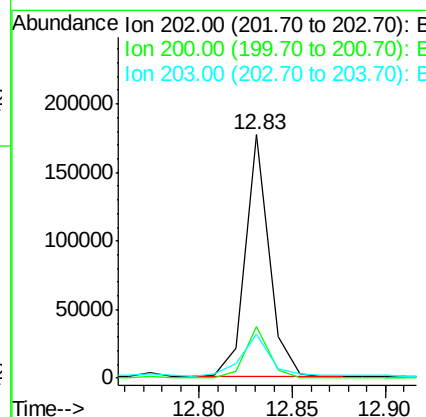
RT: 12.83 min Scan# 940

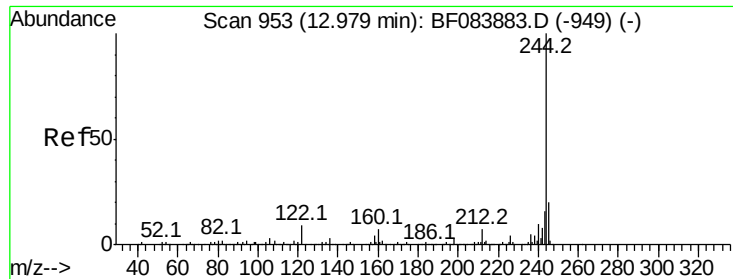
Delta R.T. 0.00 min

Lab File: BF083930.D

Acq: 18 Dec 2015 23:12

Tgt Ion:	202	Resp:	157428
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.2	25.8
203	18.0	14.3	21.5





#78

Terphenyl-d14

Concen: 26.96 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083930.D

Acq: 18 Dec 2015 23:12

Instrument :

BNA_F

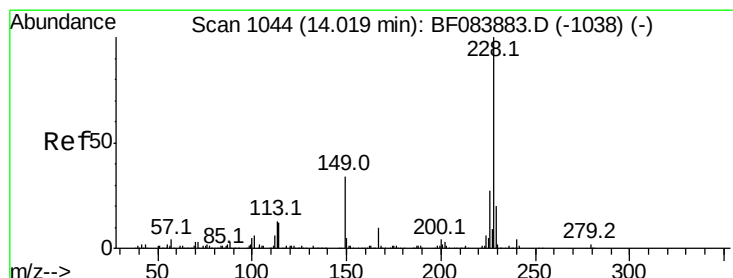
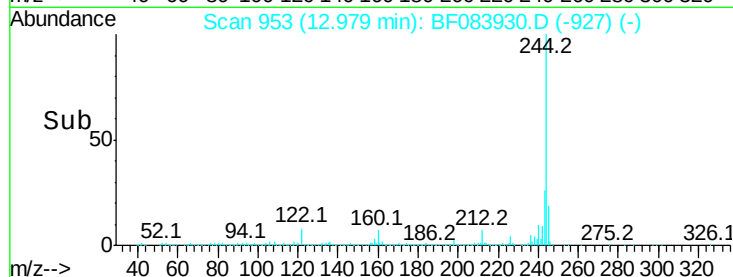
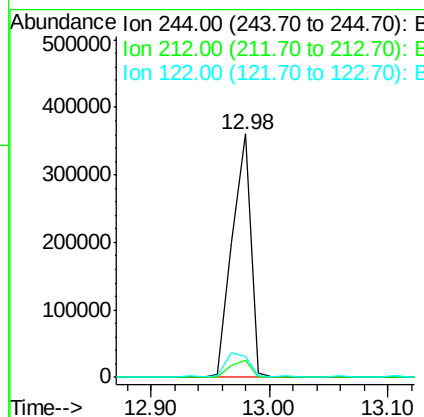
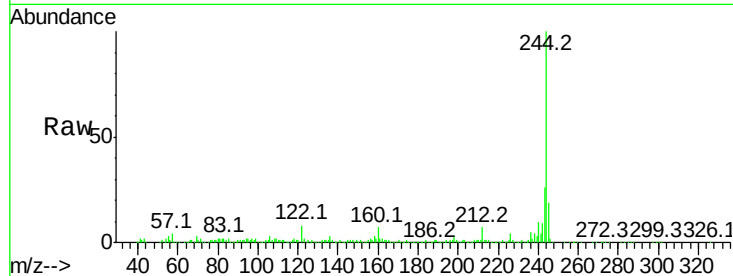
ClientSampleId :

K208-0-2RE

Tot Ion:	244	Resp:	394220
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.7	8.5
122	8.3	7.4	11.0

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#80

Benzo(a)anthracene

Concen: 4.98 ng

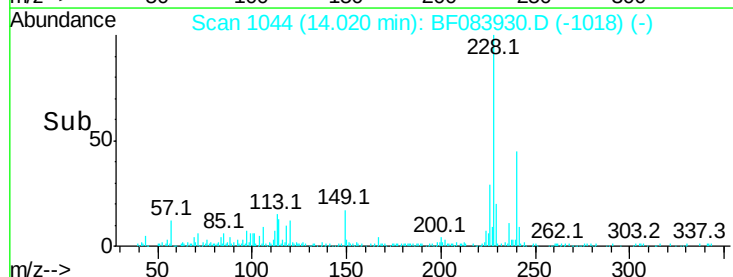
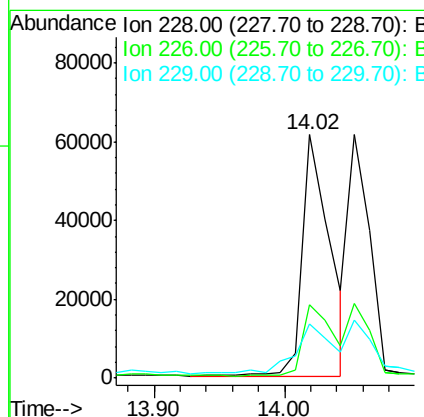
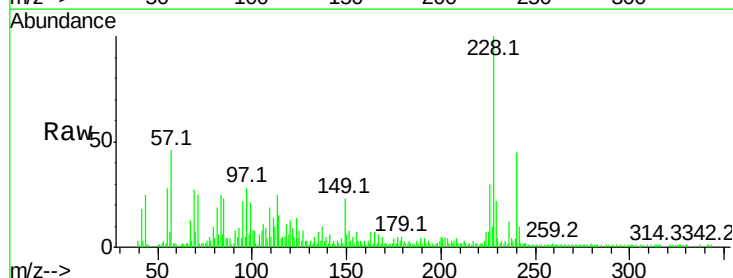
RT: 14.02 min Scan# 1044

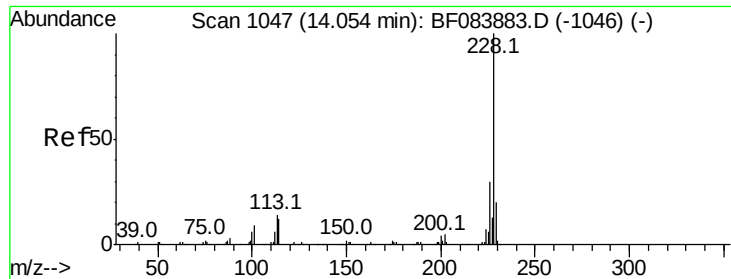
Delta R.T. 0.00 min

Lab File: BF083930.D

Acq: 18 Dec 2015 23:12

Tgt Ion:	228	Resp:	90309
Ion Ratio	Lower	Upper	
228	100		
226	30.0	21.8	32.6
229	22.4	15.8	23.8





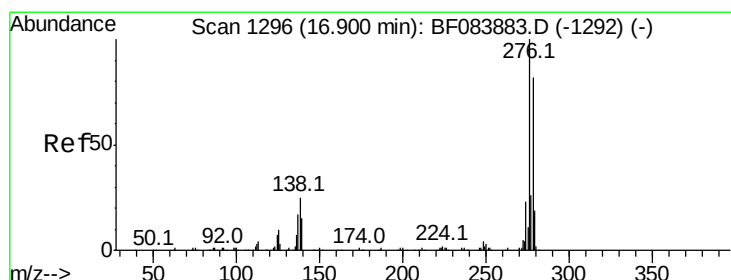
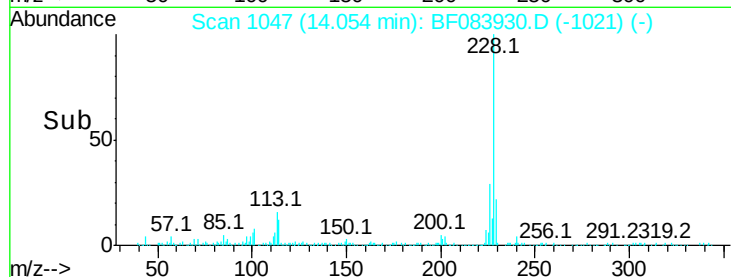
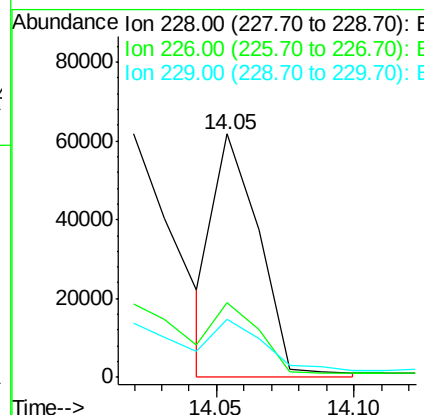
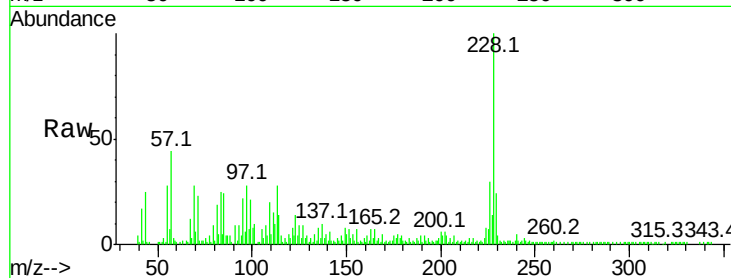
#82
Chrysene
Concen: 4.06 ng/ml
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Instrument :
BNA_F
ClientSampleId :
K208-0-2RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	24.0	16.1	24.1

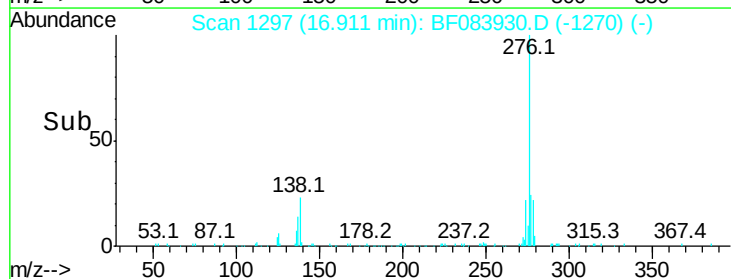
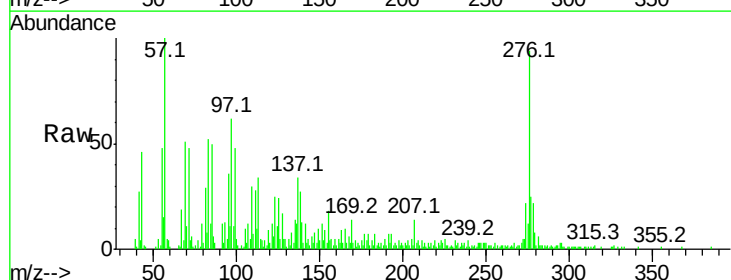
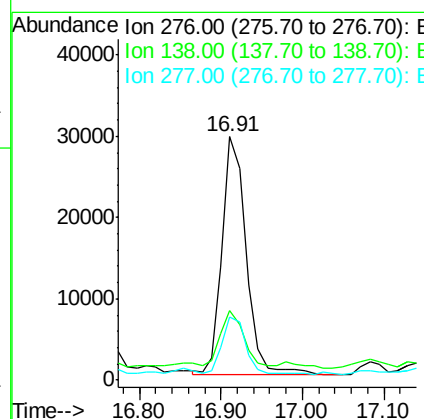
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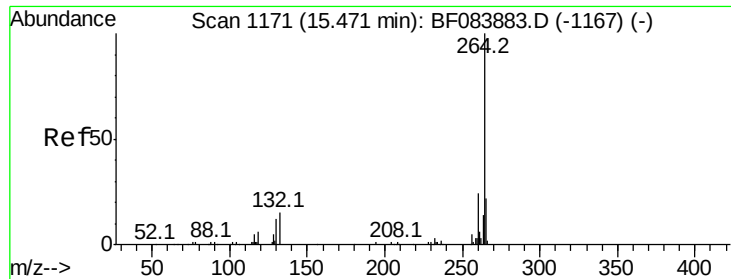
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.61 ng/ml
RT: 16.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.6	30.8
277	22.9	20.1	30.1





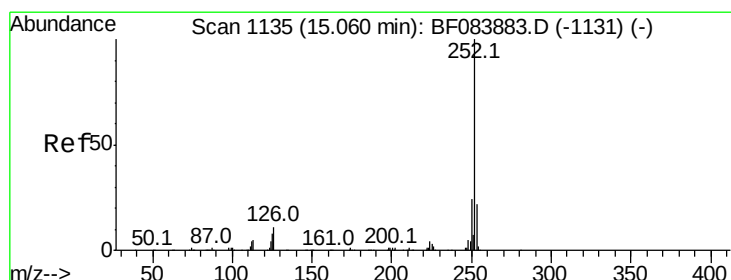
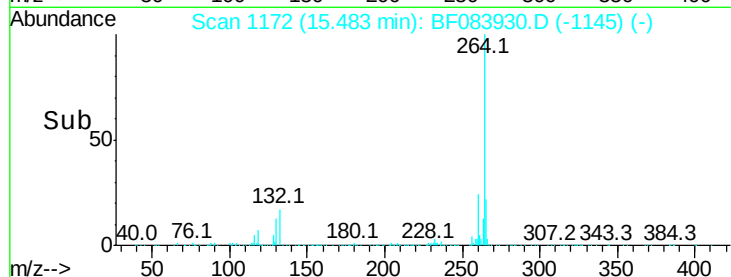
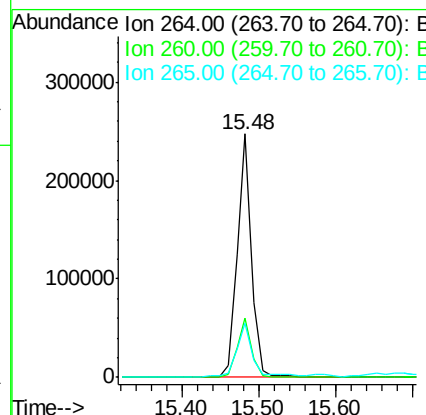
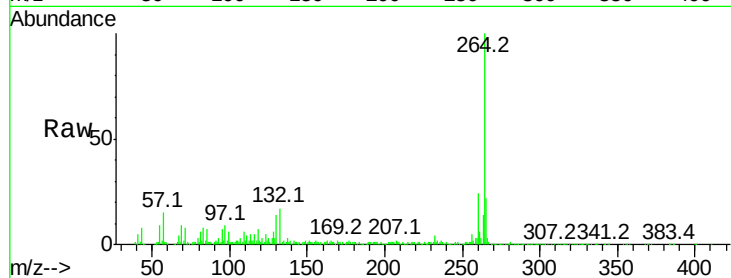
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Instrument :
BNA_F
ClientSampleId :
K208-0-2RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.5	17.8	26.6

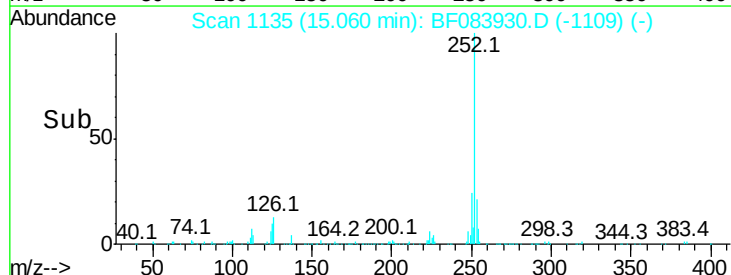
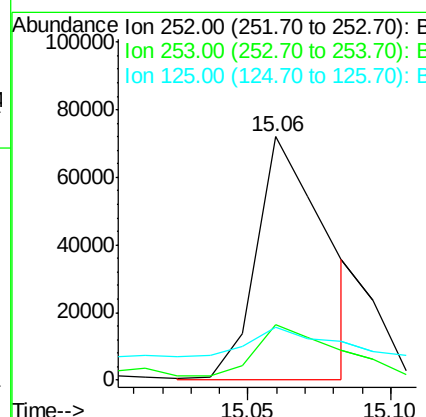
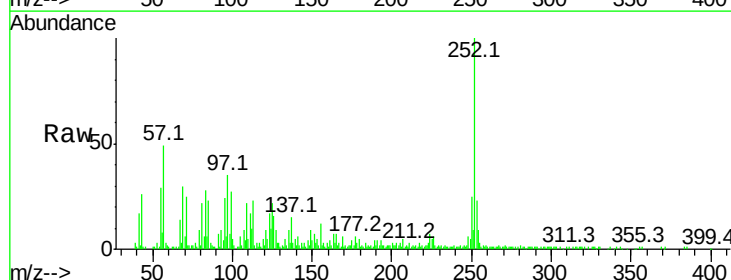
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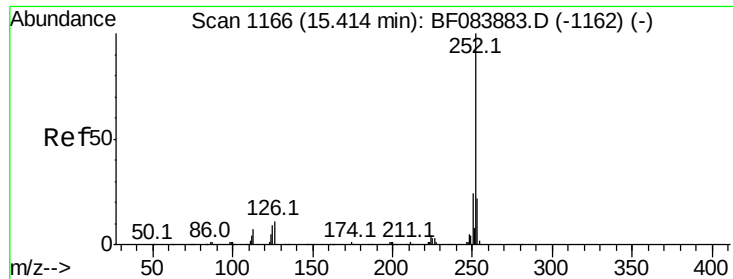
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#87
Benzo(b)fluoranthene
Concen: 5.12 ng m
RT: 15.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	21.7	6.5	9.7#





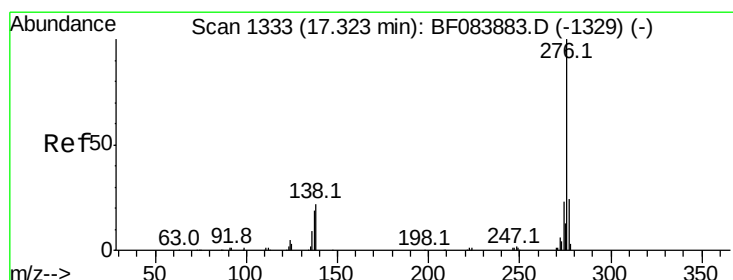
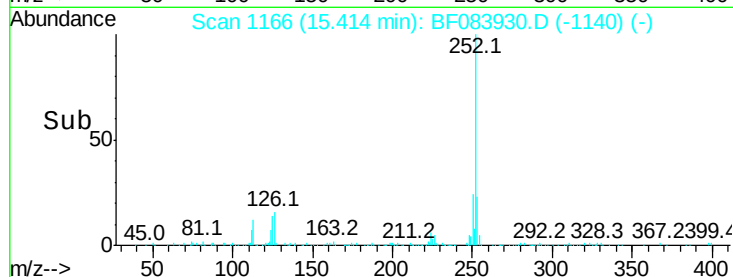
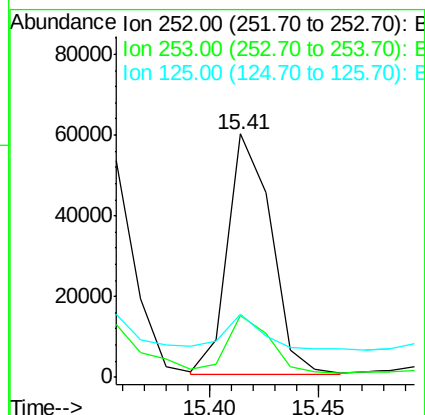
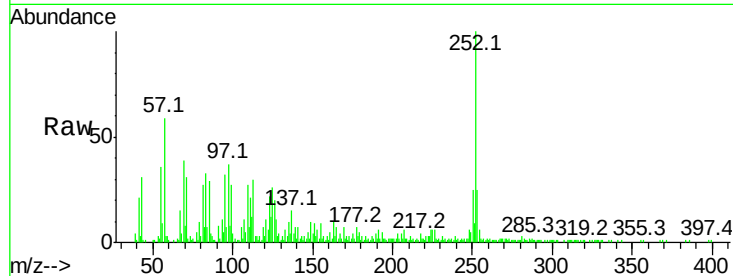
#89
Benzo(a)pyrene
Concen: 4.22 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Instrument :
BNA_F
ClientSampleId :
K208-0-2RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	25.7	7.0	10.4

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#91
Benzo(g,h,i)perylene
Concen: 4.22 ng
RT: 17.35 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF083930.D
Acq: 18 Dec 2015 23:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	25.8	17.8	26.6

