

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083905.D
 Acq On : 18 Dec 2015 8:59
 Operator : UM/SJ
 Sample : G4759-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K208-0-2

Manual Integrations
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Quant Time: Dec 18 12:39:23 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 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	127492	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	498526	20.00	ng	0.01
38) Acenaphthene-d10	9.92	164	199732	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	297314	20.00	ng	0.01
75) Chrysene-d12	14.04	240	239955	20.00	ng	0.01
86) Perylene-d12	15.49	264	186472	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	373002	45.79	ng	0.02
7) Phenol-d6	6.53	99	441067	44.23	ng	0.02
23) Nitrobenzene-d5	7.45	82	317901	36.39	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	89575	40.71	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	490783	31.03	ng	0.00
78) Terphenyl-d14	12.99	244	317529	26.63	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.63	163	116447	6.95	ng	Qvalue # 97
70) Phenanthrene	11.42	178	75679	4.21	ng	99
74) Fluoranthene	12.61	202	115960	6.47	ng	100
77) Pyrene	12.84	202	124880	5.62	ng	98
80) Benzo(a)anthracene	14.03	228	69111	4.68	ng	94
82) Chrysene	14.06	228	54045m	3.79	ng	
85) Indeno(1,2,3-cd)pyrene	16.93	276	28791	2.70	ng	97
87) Benzo(b)fluoranthene	15.08	252	75553m	5.56	ng	
89) Benzo(a)pyrene	15.44	252	47389	4.22	ng	# 88
91) Benzo(g,h,i)perylene	17.38	276	31803	3.72	ng	97

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

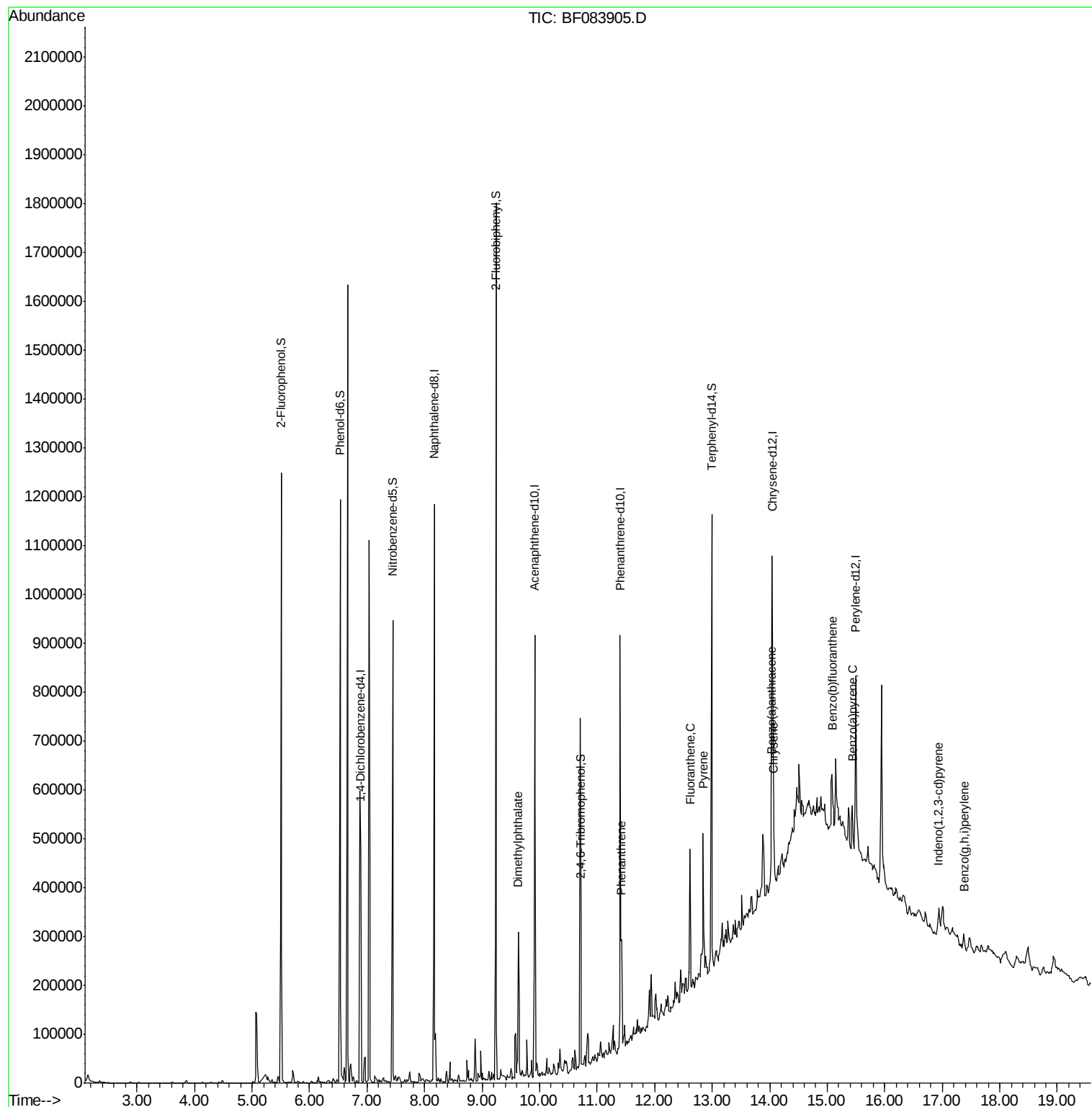
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083905.D
Acq On : 18 Dec 2015 8:59
Operator : UM/SJ
Sample : G4759-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

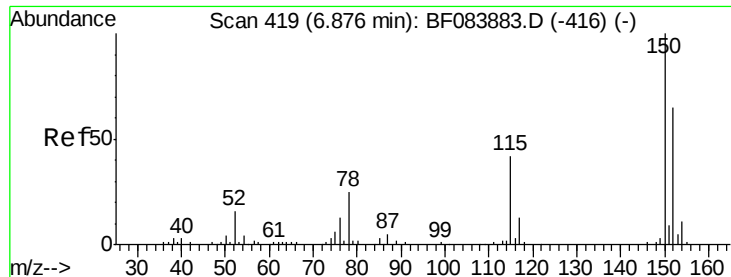
Instrument :
BNA_F
ClientSampleId :
K208-0-2

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Quant Time: Dec 18 12:39:23 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 01:01:02 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF083905.D

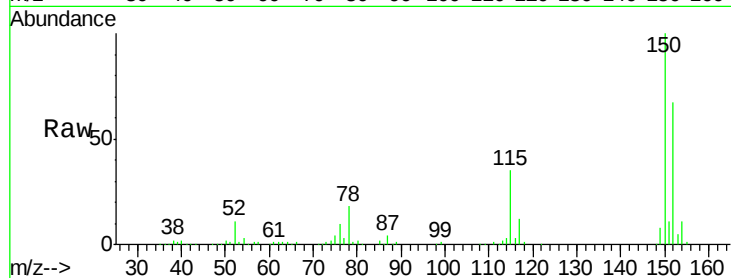
Acq: 18 Dec 2015 8:59

Instrument :

BNA_F

ClientSampleId :

K208-0-2



Tgt Ion:152 Resp: 127492

Ion Ratio Lower Upper

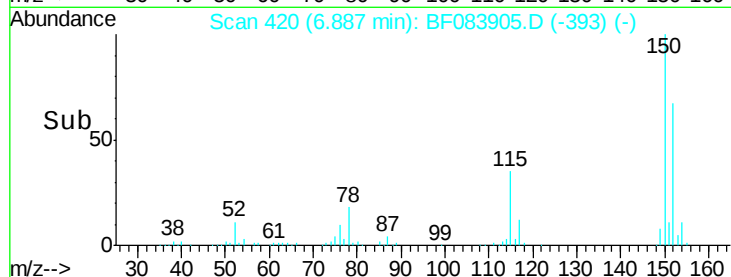
152 100

150 149.9 123.0 184.4

115 52.0 51.4 77.2

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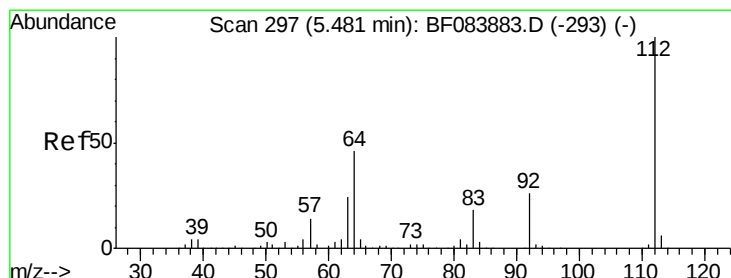
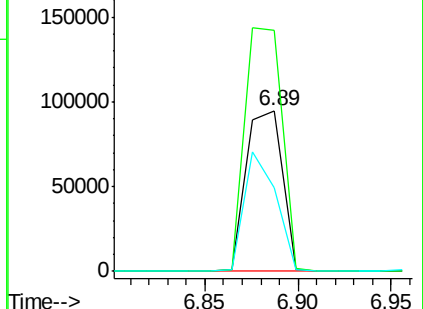
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 45.79 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.02 min

Lab File: BF083905.D

Acq: 18 Dec 2015 8:59

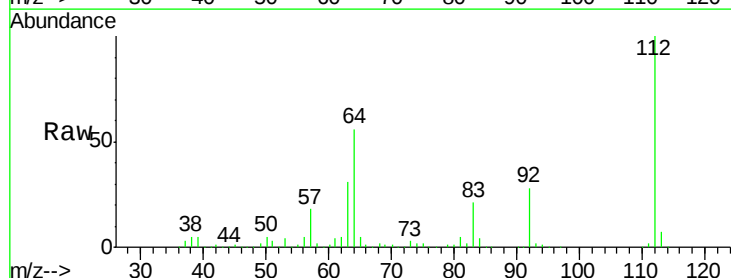
Tgt Ion:112 Resp: 373002

Ion Ratio Lower Upper

112 100

64 55.9 36.6 55.0#

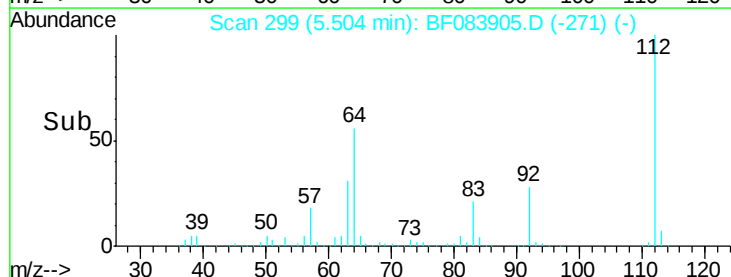
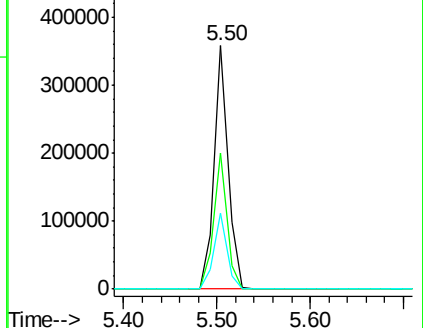
63 31.3 19.4 29.0#

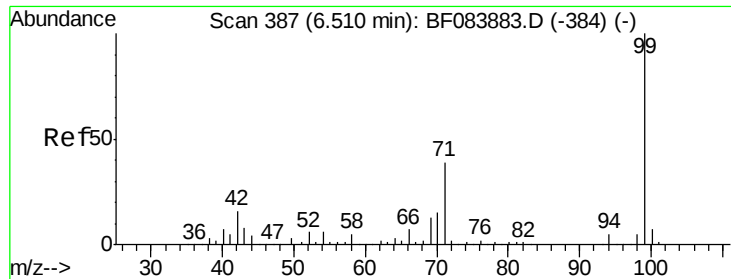


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.23 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF083905.D

Acq: 18 Dec 2015 8:59

Instrument :

BNA_F

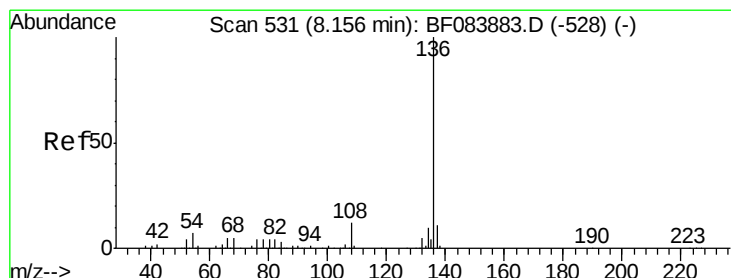
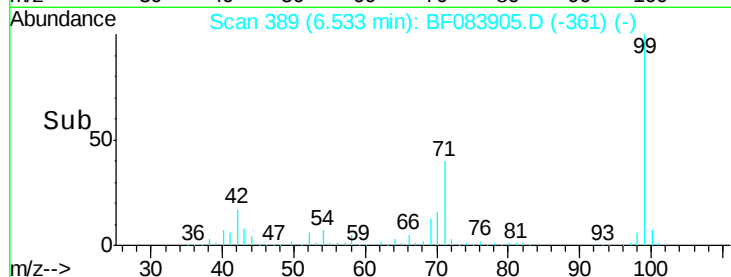
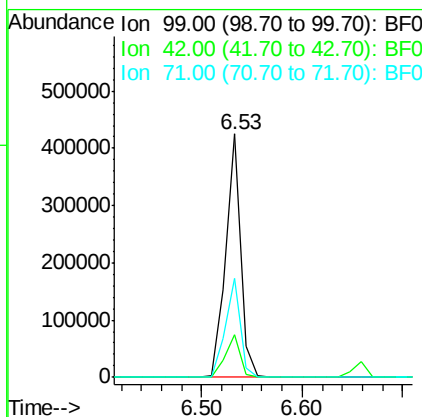
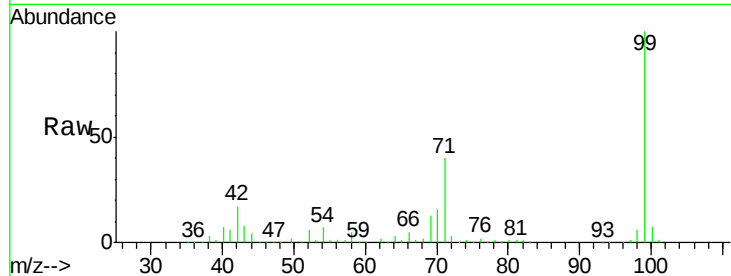
ClientSampleId :

K208-0-2

Tgt Ion:	99	Resp:	441067
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.8	19.2
71	40.4	30.9	46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

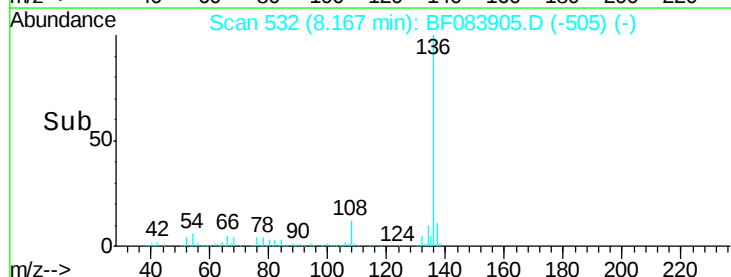
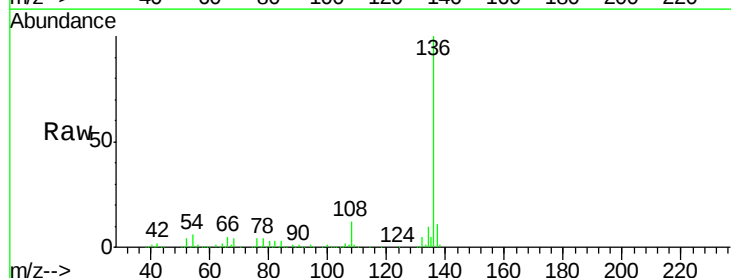
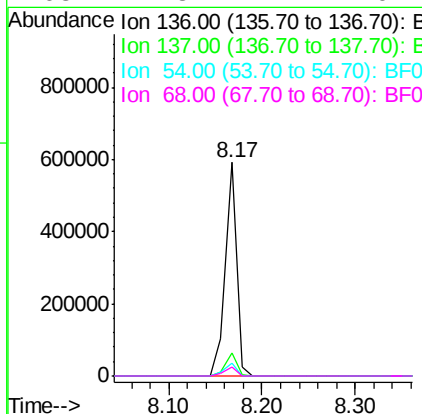
RT: 8.17 min Scan# 532

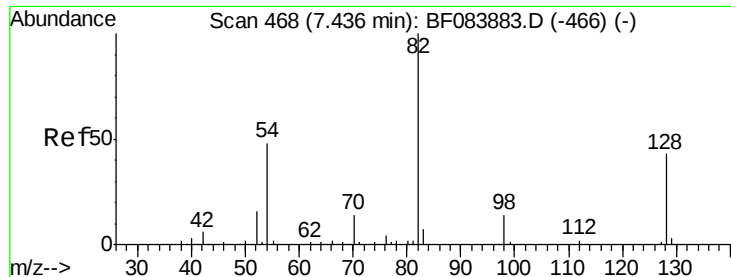
Delta R.T. 0.01 min

Lab File: BF083905.D

Acq: 18 Dec 2015 8:59

Tgt Ion:	136	Resp:	498526
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	6.0	5.8	8.8
68	4.3	4.2	6.2





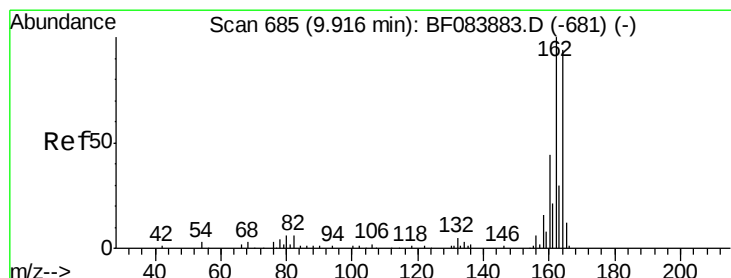
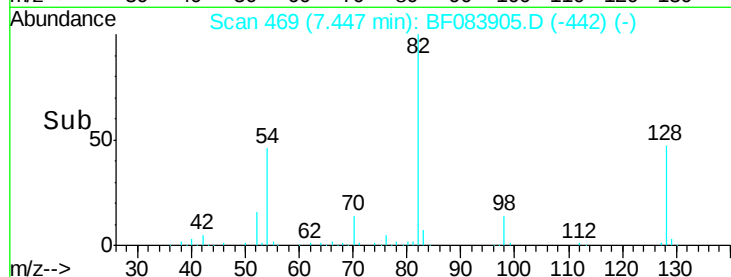
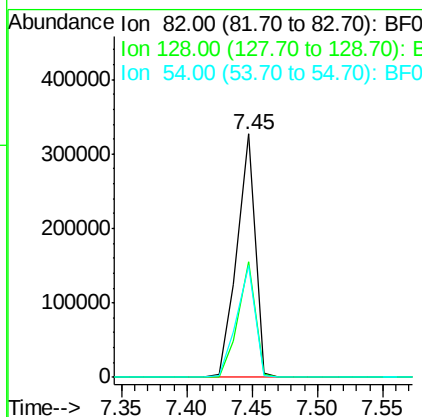
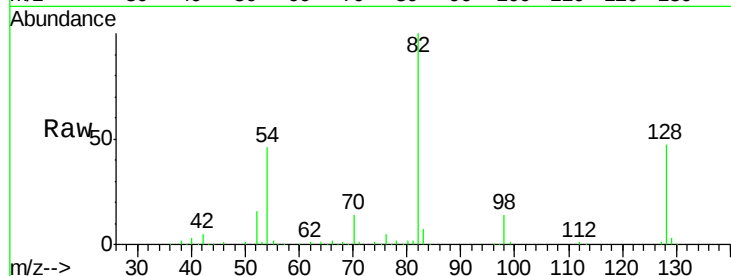
#23
Nitrobenzene-d5
Concen: 36.39 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF083905.D
Acq: 18 Dec 2015 8:59

Instrument :
BNA_F
ClientSampleId :
K208-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	317901		
128	47.3	34.6	51.8	
54	45.9	38.4	57.6	

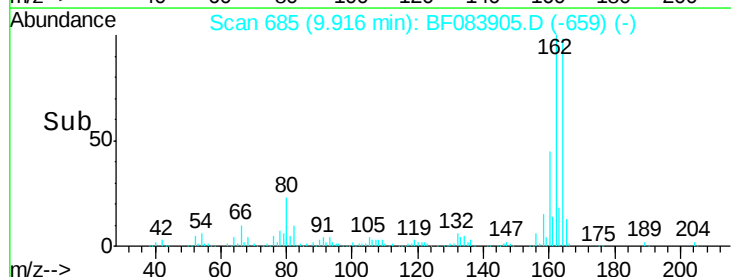
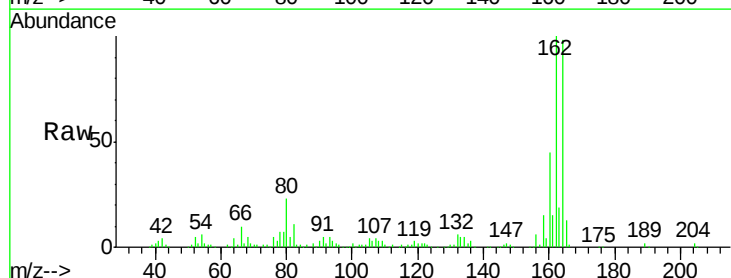
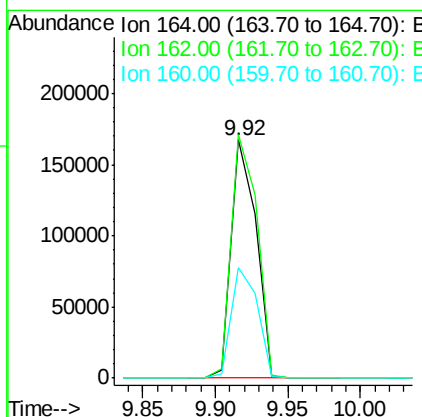
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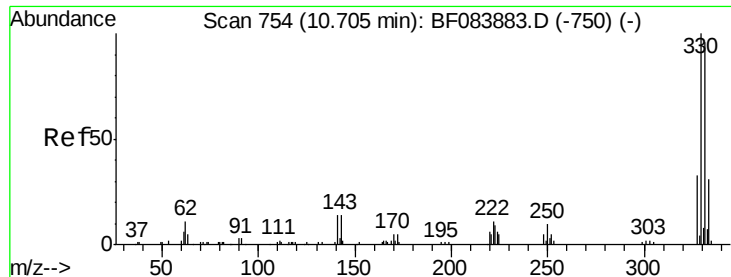
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF083905.D
Acq: 18 Dec 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	199732		
162	102.1	85.1	127.7	
160	46.2	37.5	56.3	





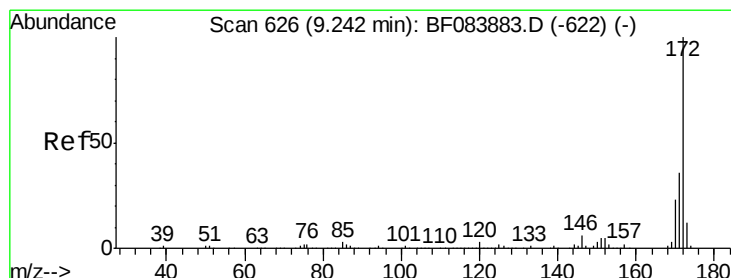
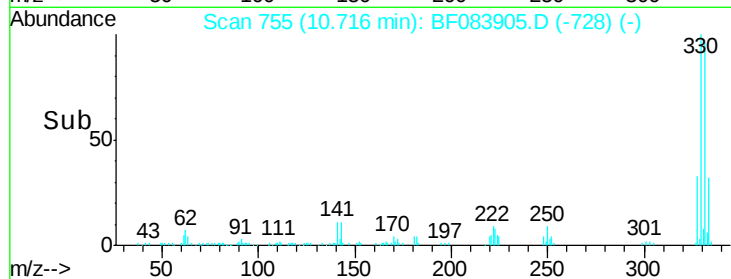
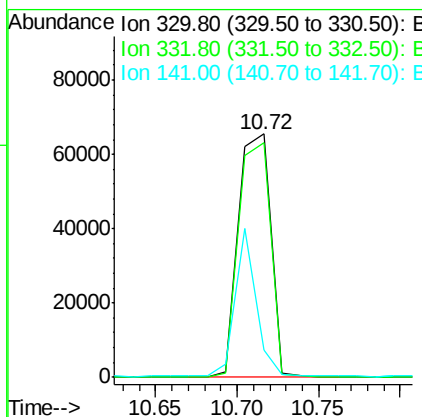
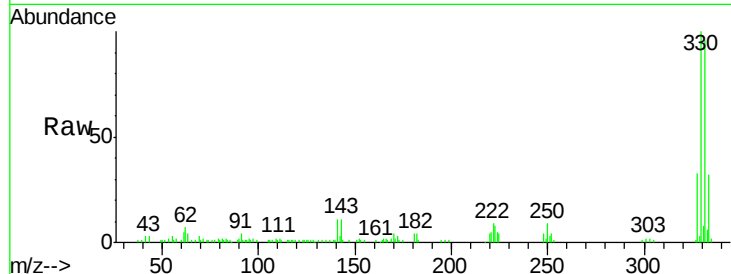
#41
 2,4,6-Tribromophenol
 Concen: 40.71 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BF083905.D
 Acq: 18 Dec 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 K208-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.9	76.6	114.8
141	42.4	27.8	41.6

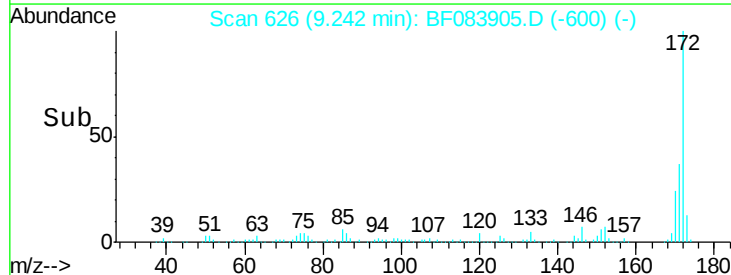
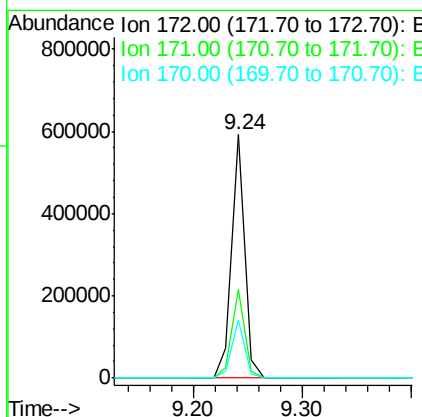
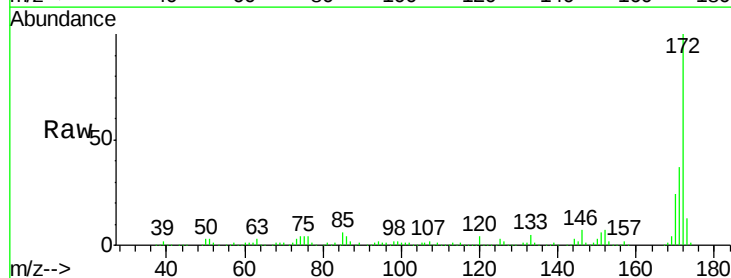
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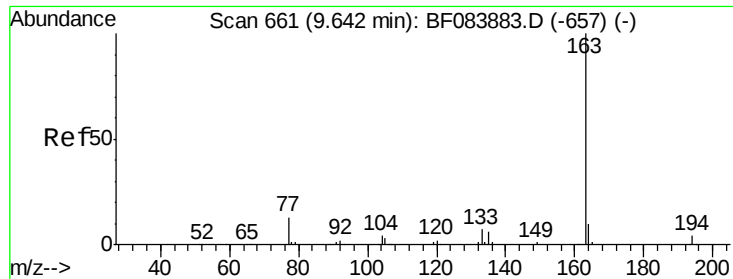
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#44
 2-Fluorobiphenyl
 Concen: 31.03 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083905.D
 Acq: 18 Dec 2015 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.5	28.9	43.3
170	23.7	18.6	27.8





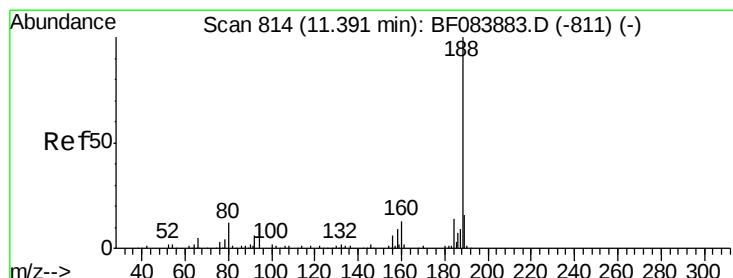
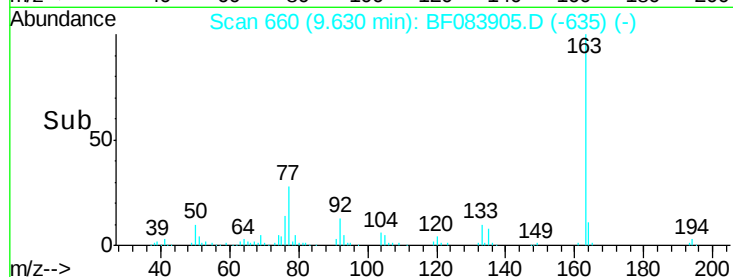
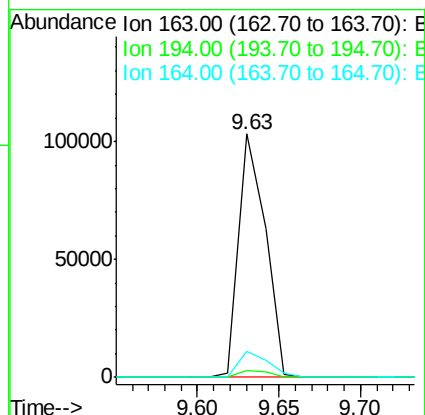
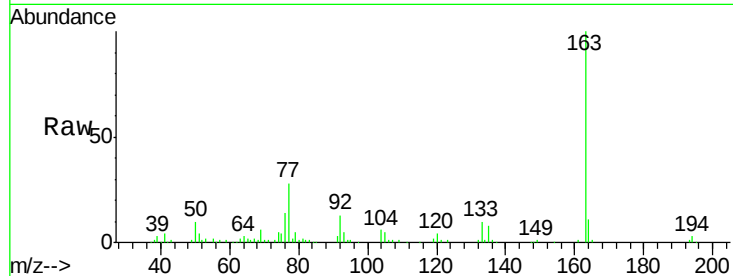
#49
Dimethylphthalate
Concen: 6.95 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083905.D
Acq: 18 Dec 2015 8:59

Instrument :
BNA_F
ClientSampleId :
K208-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	3.0	4.6#
164	10.8	7.9	11.9

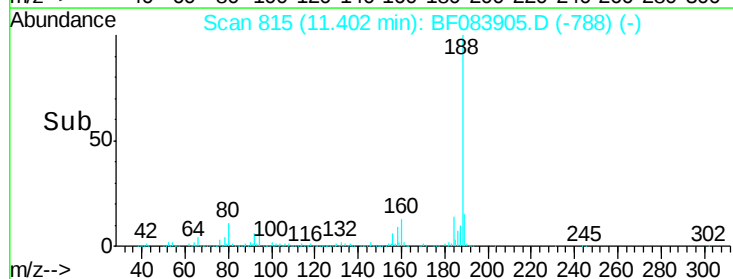
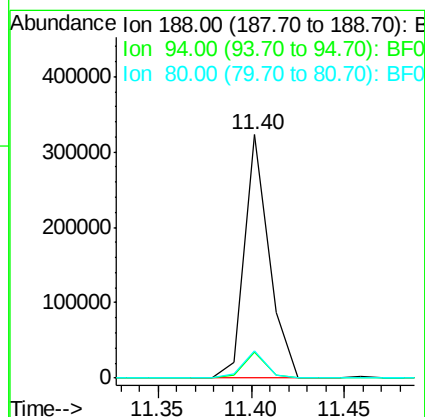
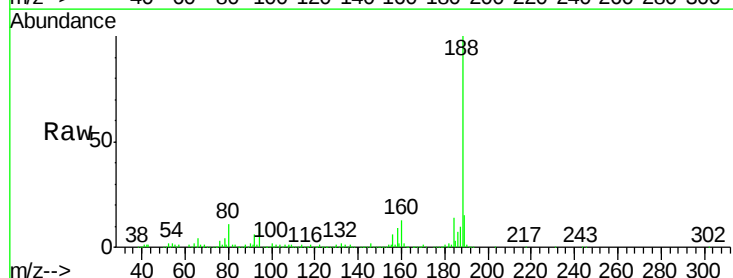
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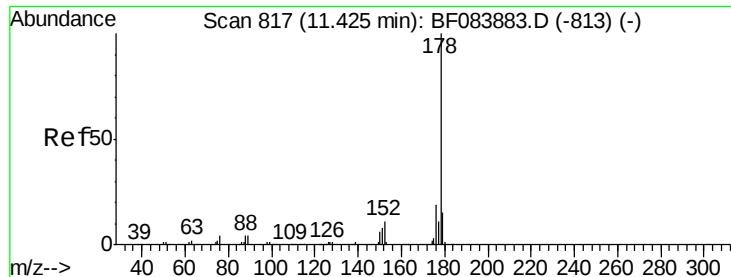
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF083905.D
Acq: 18 Dec 2015 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.5	9.0	13.4
80	11.3	9.6	14.4





#70

Phenanthrene

Concen: 4.21 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF083905.D

Acq: 18 Dec 2015 8:59

Instrument :

BNA_F

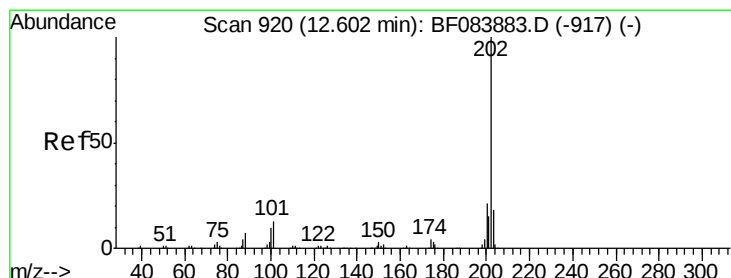
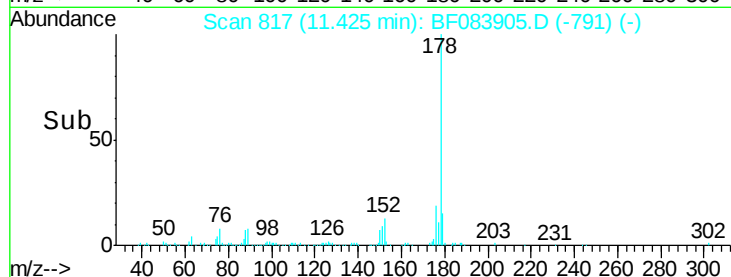
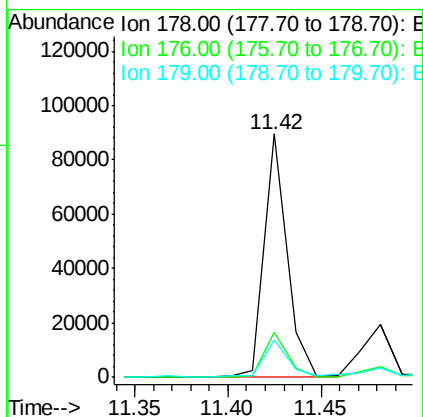
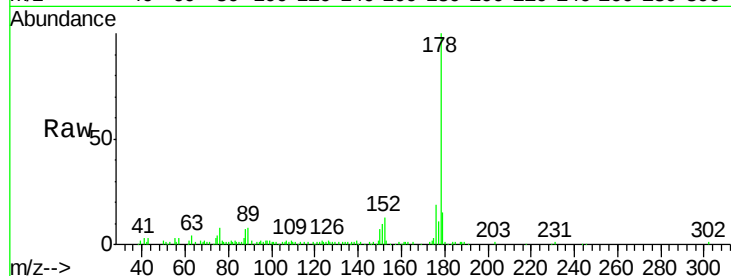
ClientSampleId :

K208-0-2

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Tgt Ion:	178	Resp:	75679
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.3	22.9
179	15.5	12.0	18.0



#74

Fluoranthene

Concen: 6.47 ng

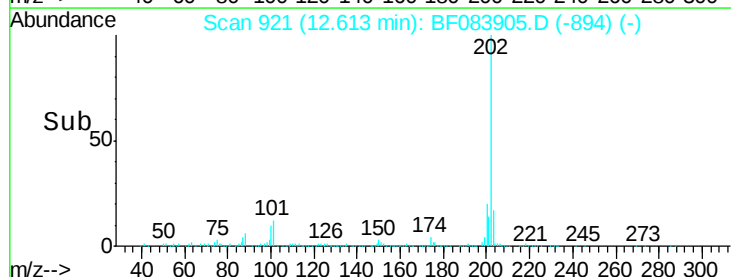
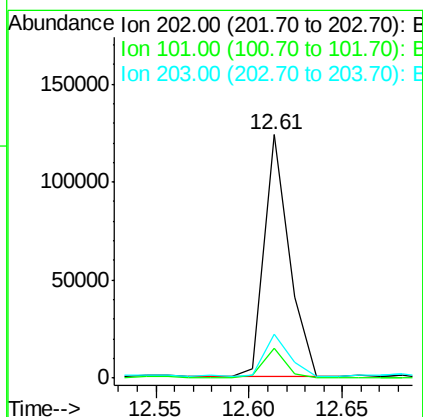
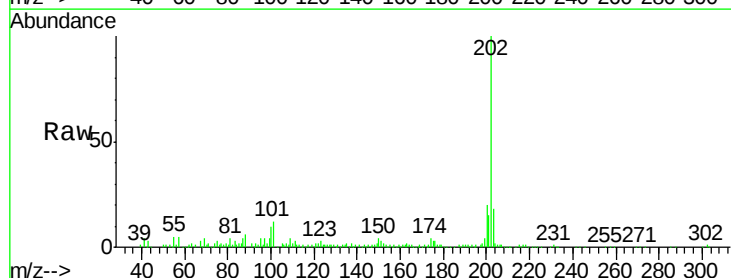
RT: 12.61 min Scan# 921

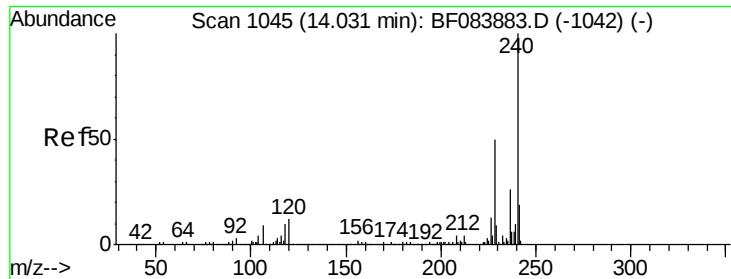
Delta R.T. 0.01 min

Lab File: BF083905.D

Acq: 18 Dec 2015 8:59

Tgt Ion:	202	Resp:	115960
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	32.8
203	17.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF083905.D

Acq: 18 Dec 2015 8:59

Instrument :

BNA_F

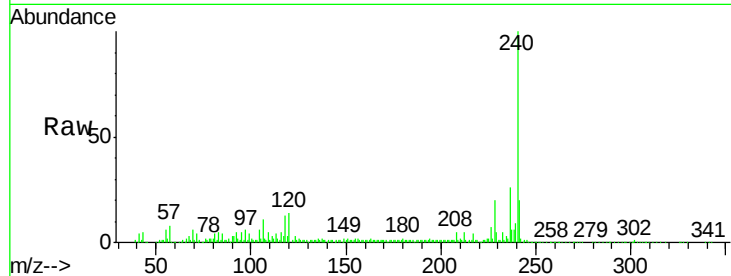
ClientSampleId :

K208-0-2

Tgt Ion:	240	Resp:	239955
Ion Ratio	Lower	Upper	
240	100		
120	14.3	9.5	14.3#
236	26.2	20.6	31.0

Manual Integrations
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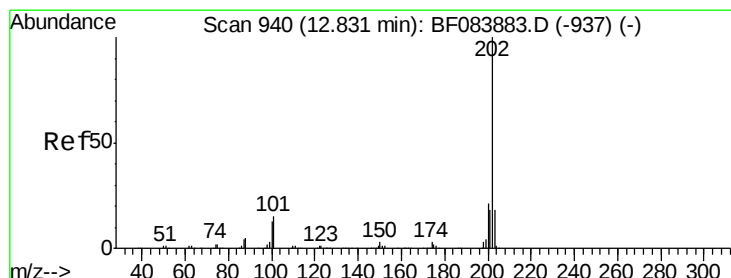
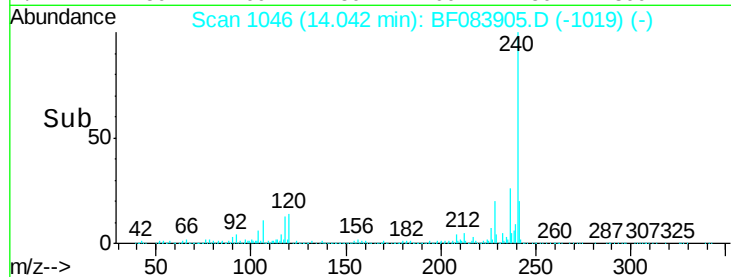
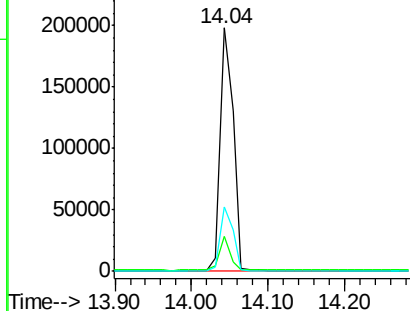
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.62 ng

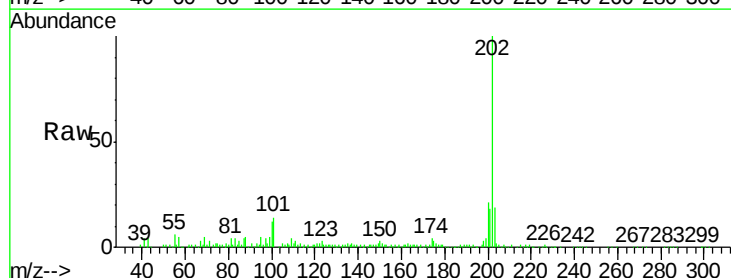
RT: 12.84 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF083905.D

Acq: 18 Dec 2015 8:59

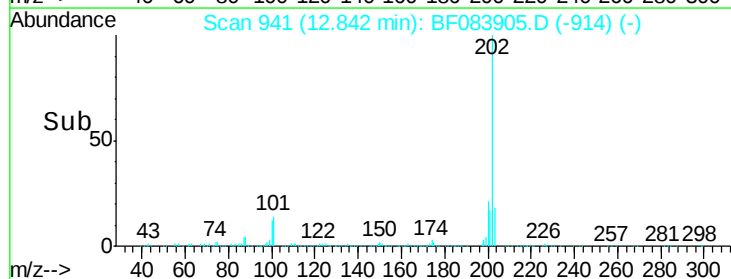
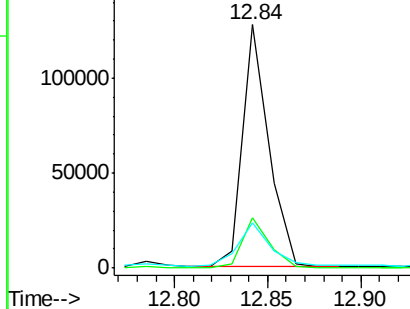
Tgt Ion:	202	Resp:	124880
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.2	25.8
203	18.5	14.3	21.5

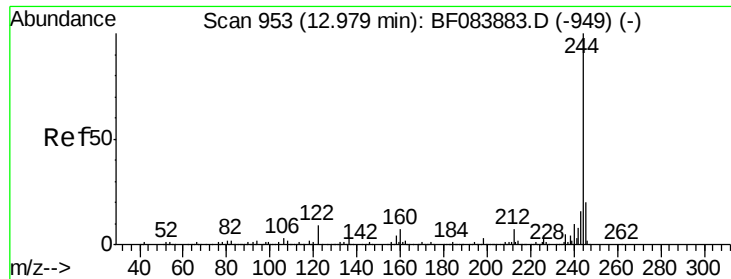


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





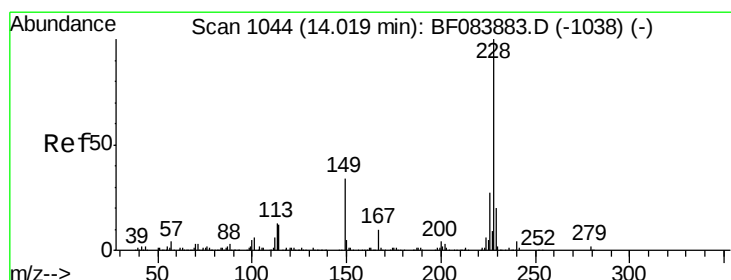
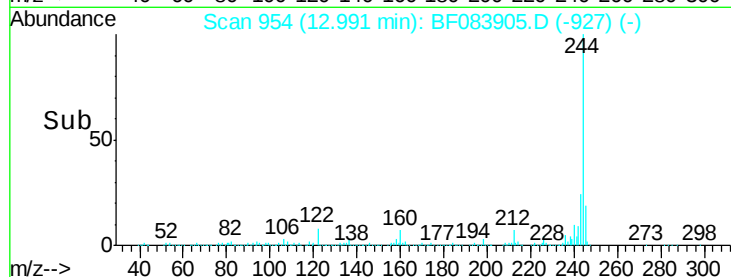
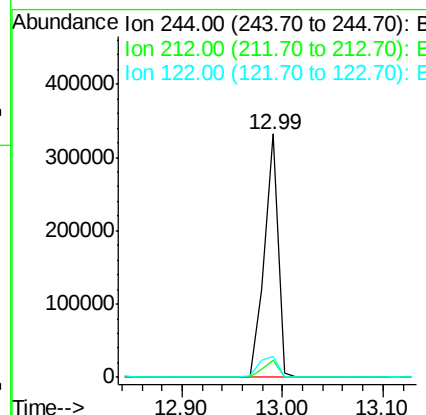
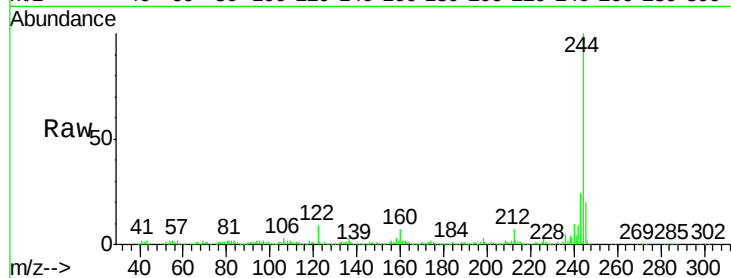
#78
 Terphenyl-d14
 Concen: 26.63 ng
 RT: 12.99 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF083905.D
 Acq: 18 Dec 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 K208-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	5.7	8.5
122	8.6	7.4	11.0

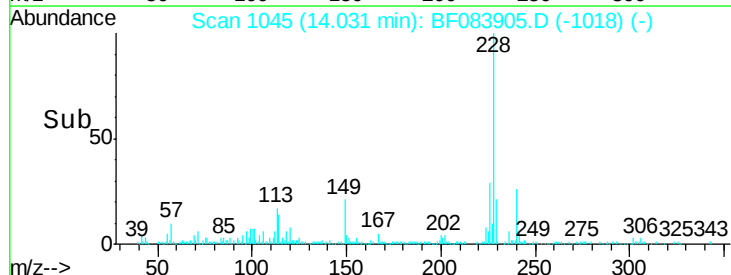
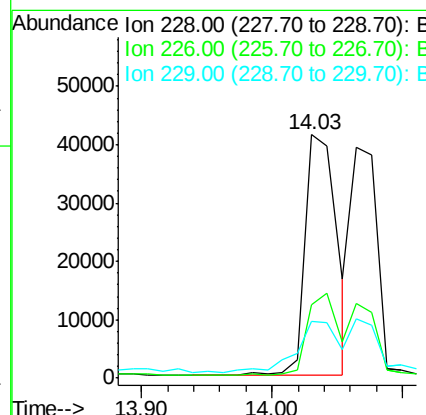
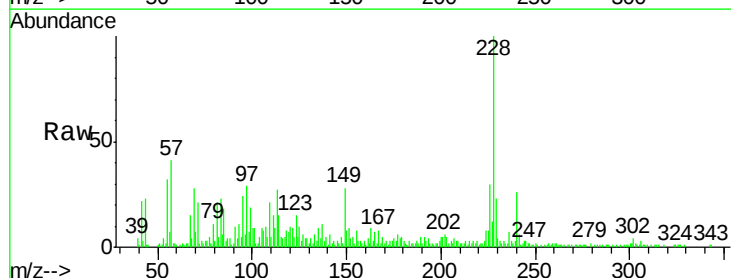
Manual Integrations
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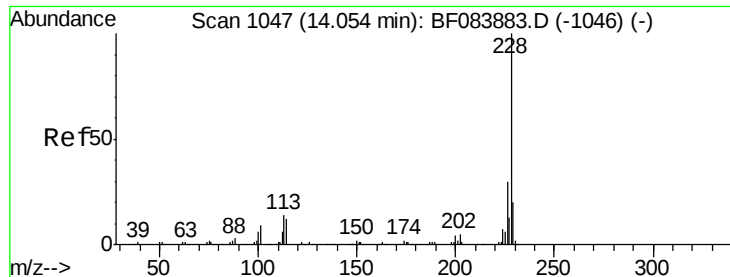
MMdadoda
 12/18/2015 6:22:09 PM



#80
 Benzo(a)anthracene
 Concen: 4.68 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF083905.D
 Acq: 18 Dec 2015 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	21.8	32.6
229	23.2	15.8	23.8





#82

Chrysene

Concen: 3.79 ng m

RT: 14.06 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF083905.D

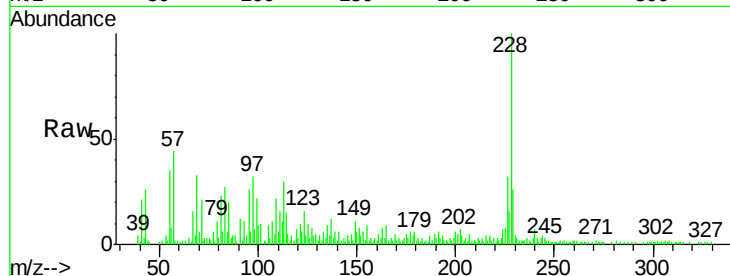
Acq: 18 Dec 2015 8:59

Instrument :

BNA_F

ClientSampleId :

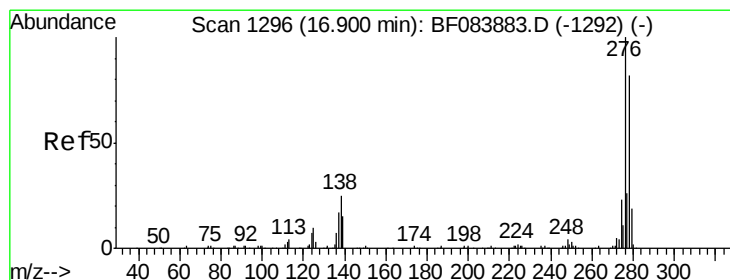
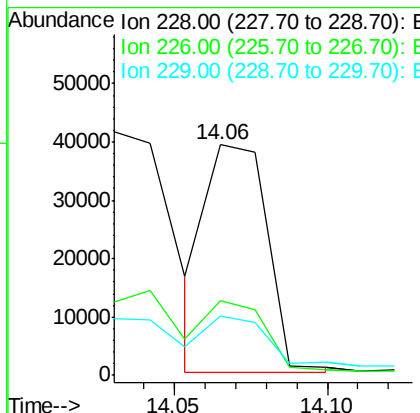
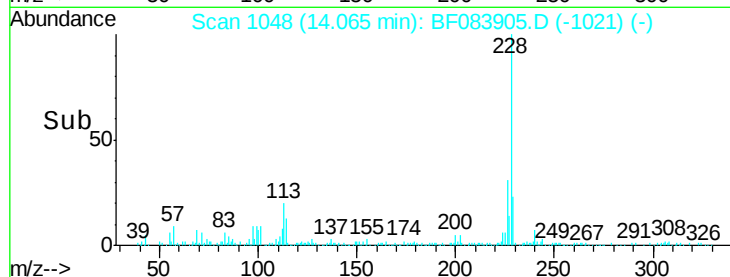
K208-0-2



Tgt Ion:	228	Resp:	54045
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.3	36.5
229	25.8	16.1	24.1#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.70 ng

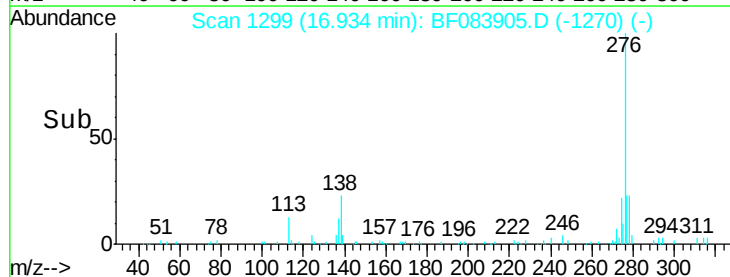
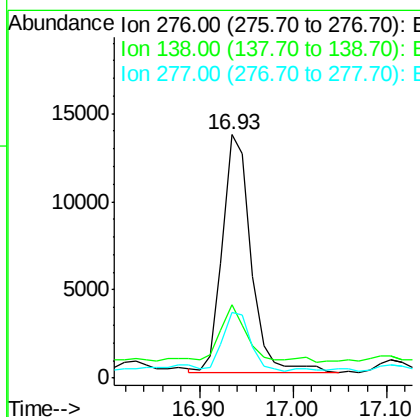
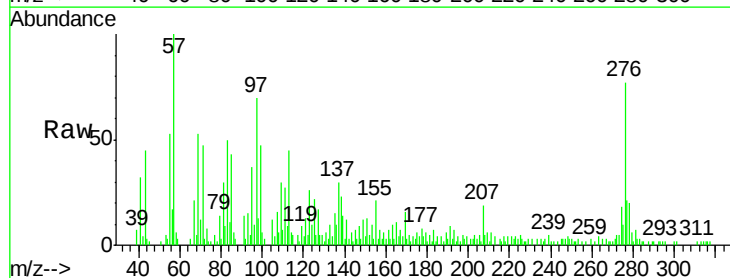
RT: 16.93 min Scan# 1299

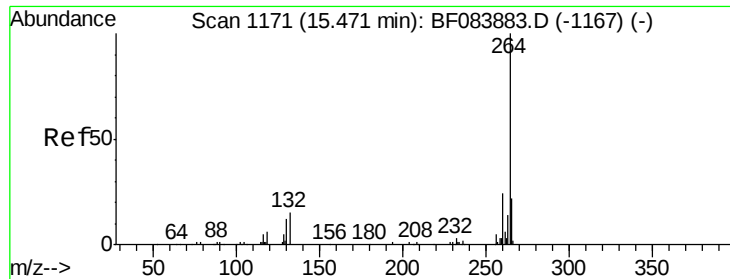
Delta R.T. 0.03 min

Lab File: BF083905.D

Acq: 18 Dec 2015 8:59

Tgt Ion:	276	Resp:	28791
Ion Ratio	Lower	Upper	
276	100		
138	23.6	20.6	30.8
277	24.5	20.1	30.1





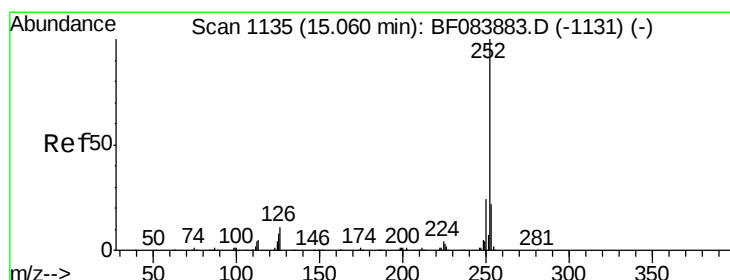
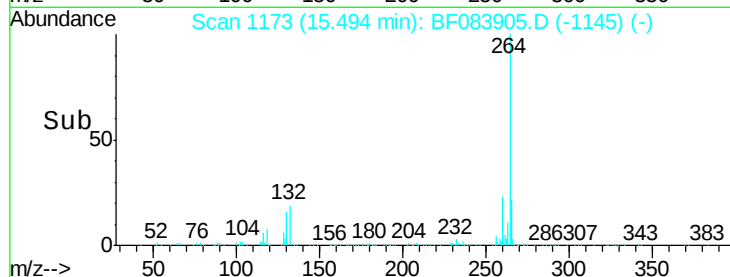
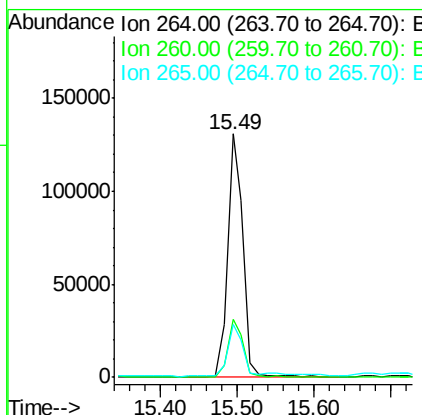
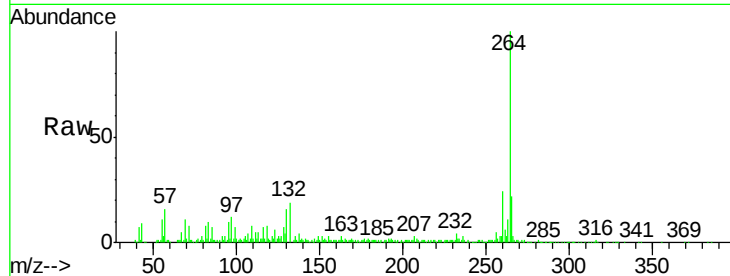
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF083905.D
Acq: 18 Dec 2015 8:59

Instrument :
BNA_F
ClientSampleId :
K208-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	186472		
260	23.7	19.4	29.2	
265	21.9	17.8	26.6	

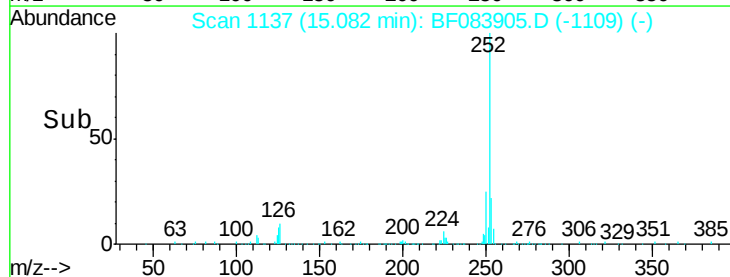
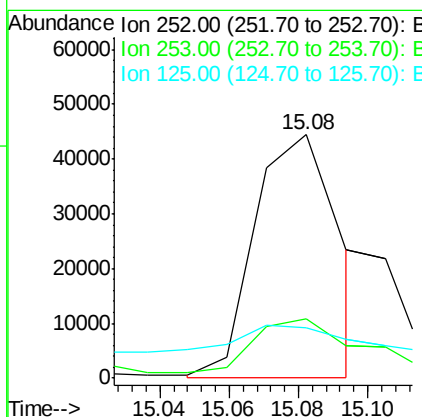
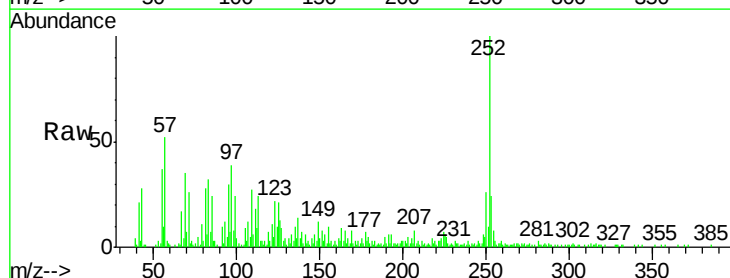
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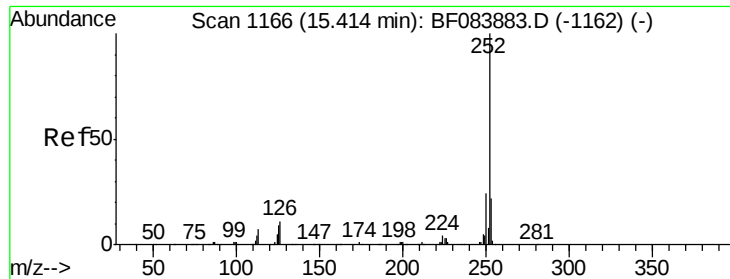
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#87
Benzo(b)fluoranthene
Concen: 5.56 ng m
RT: 15.08 min Scan# 1137
Delta R.T. 0.02 min
Lab File: BF083905.D
Acq: 18 Dec 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	75553		
253	24.1	17.3	25.9	
125	20.9	6.5	9.7#	





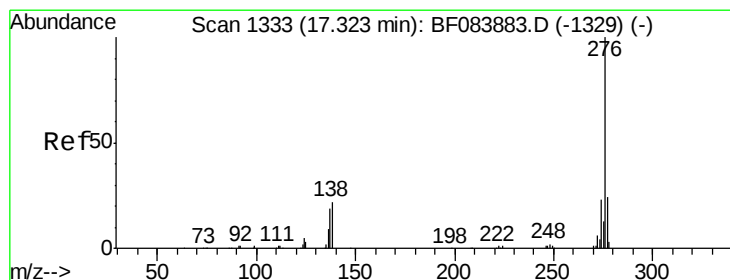
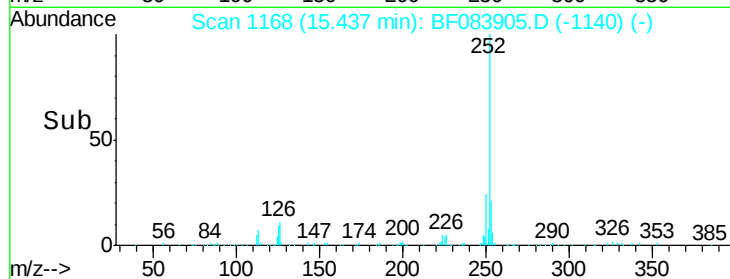
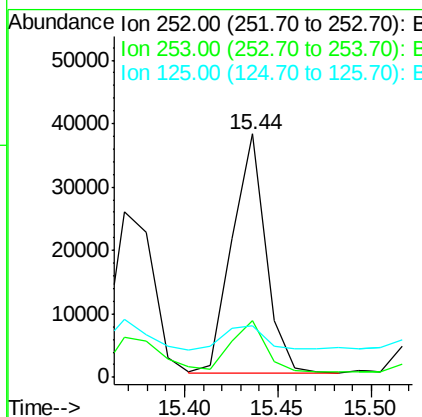
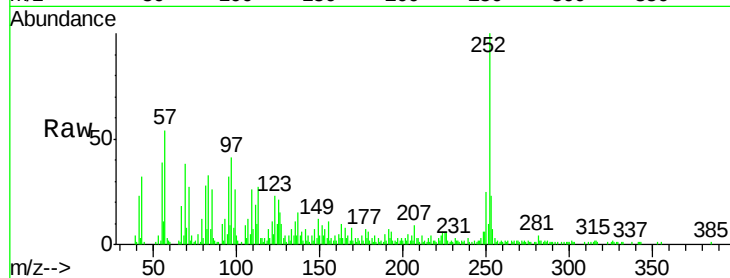
#89
Benzo(a)pyrene
Concen: 4.22 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.02 min
Lab File: BF083905.D
Acq: 18 Dec 2015 8:59

Instrument :
BNA_F
ClientSampleId :
K208-0-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	21.0	7.0	10.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.72 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF083905.D
Acq: 18 Dec 2015 8:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	24.3	17.8	26.6

