

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083929.D
 Acq On : 18 Dec 2015 22:44
 Operator : UM/SJ
 Sample : G4759-04RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K1210-0-2RE

Manual Integrations
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Quant Time: Dec 19 05:01:54 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	135638	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	516457	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	245165	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	334566	20.00	ng	0.01
75) Chrysene-d12	14.05	240	232478	20.00	ng	0.02
86) Perylene-d12	15.51	264	220845	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	413037	47.66	ng	0.00
7) Phenol-d6	6.51	99	514743	48.52	ng	0.00
23) Nitrobenzene-d5	7.42	82	324509	35.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	116386	43.09	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	755864	39.70	ng	-0.01
78) Terphenyl-d14	13.00	244	338668	30.00	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.62	163	201816	9.81	ng	# 90
74) Fluoranthene	12.62	202	61432	3.05	ng	78
77) Pyrene	12.85	202	83718	2.11	ng	# 89
80) Benzo(a)anthracene	14.05	228	48092	3.36	ng	# 76
82) Chrysene	14.08	228	38901m	2.82	ng	
85) Indeno(1,2,3-cd)pyrene	16.96	276	48583	4.71	ng	96
91) Benzo(g,h,i)perylene	17.39	276	78796	7.77	ng	# 93

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

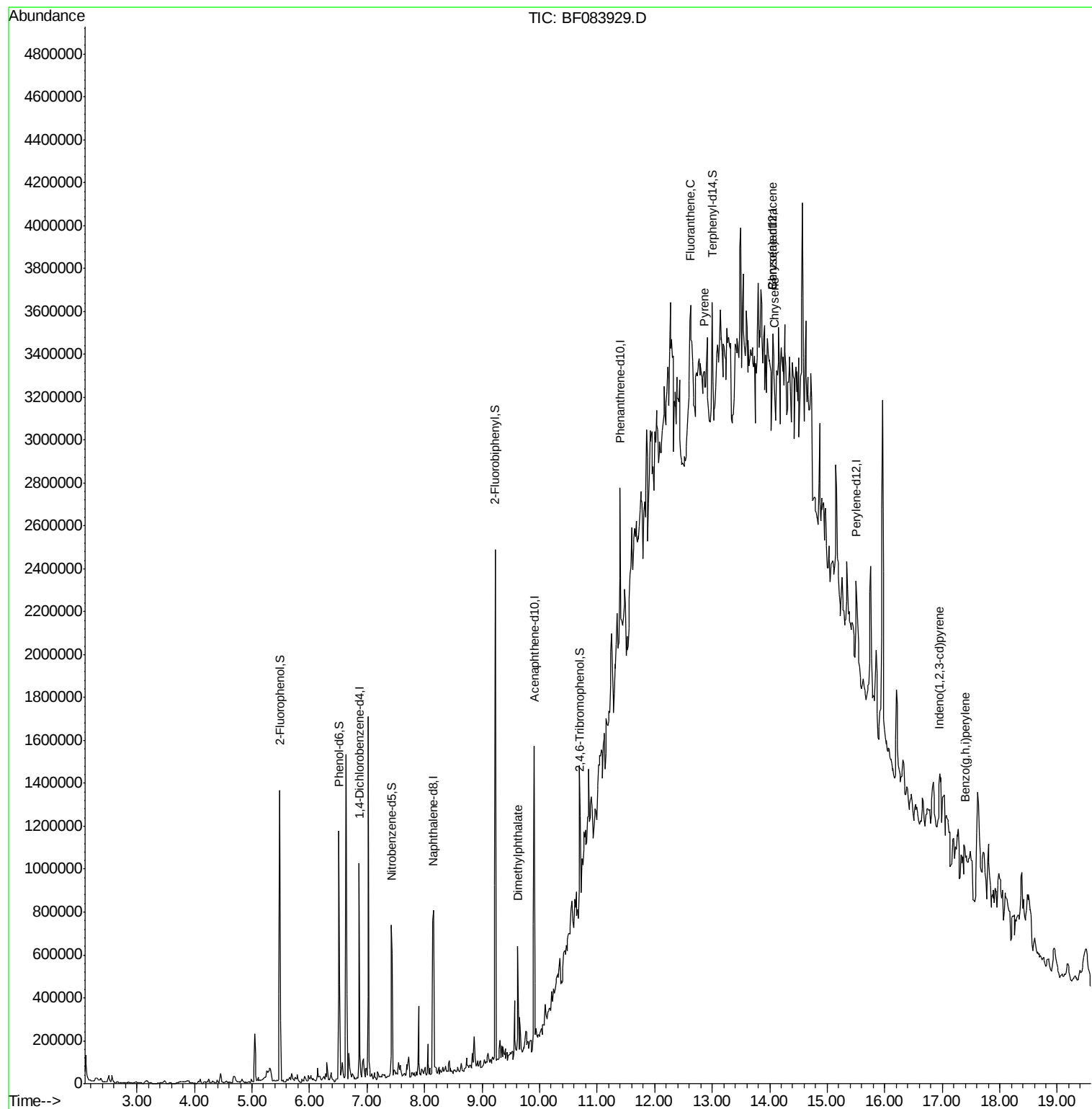
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083929.D
Acq On : 18 Dec 2015 22:44
Operator : UM/SJ
Sample : G4759-04RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

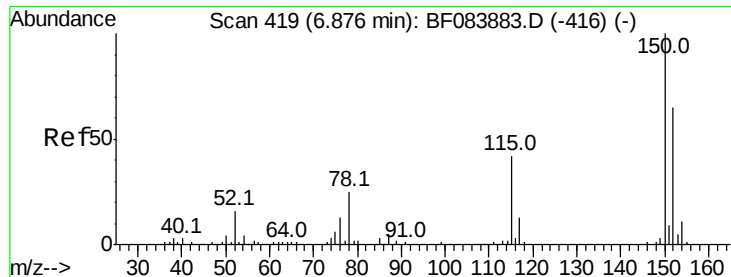
Instrument :
BNA_F
ClientSampleId :
K1210-0-2RE

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Quant Time: Dec 19 05:01:54 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





#1

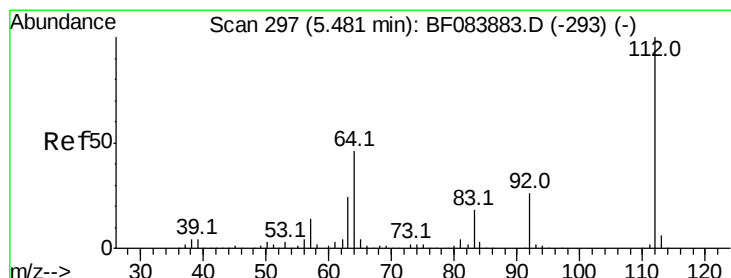
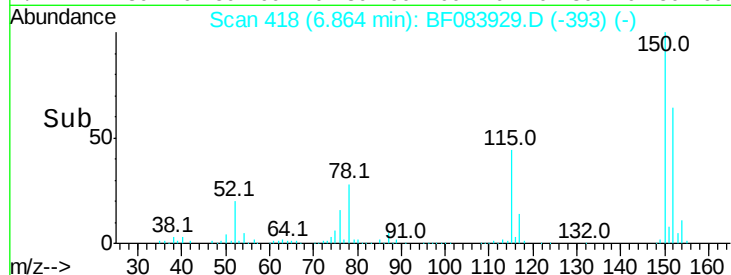
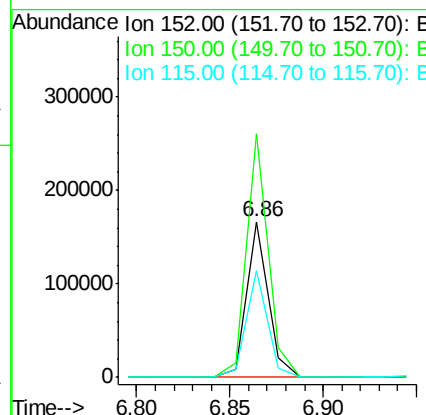
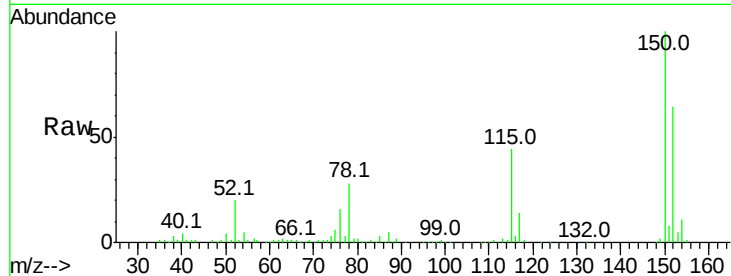
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083929.D
Acq: 18 Dec 2015 22:44

Instrument :
BNA_F
ClientSampleId :
K1210-0-2RE

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	156.1	123.0	184.4	
115	68.3	51.4	77.2	

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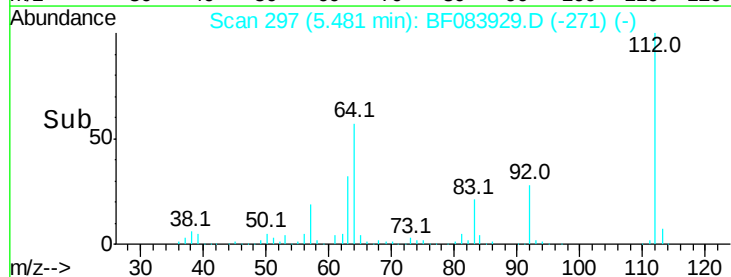
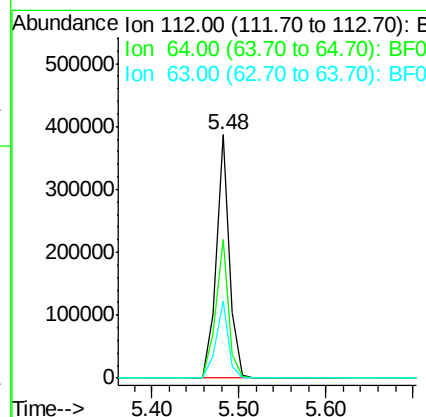
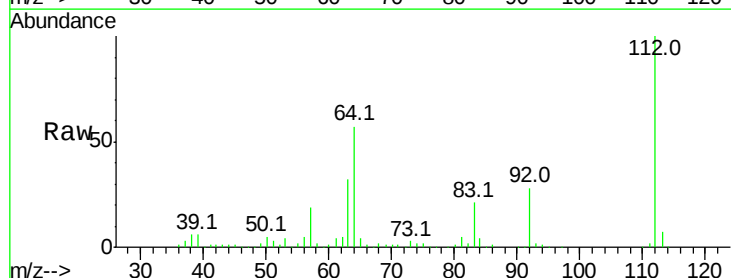
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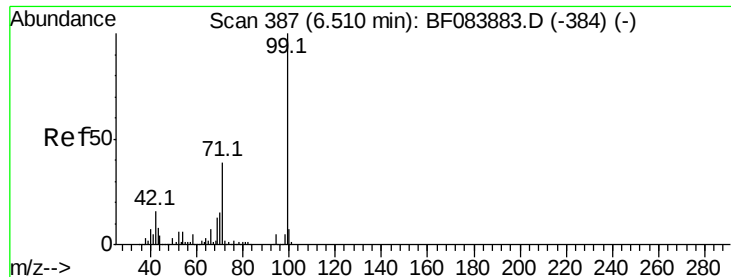


#5

2-Fluorophenol
Concen: 47.66 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083929.D
Acq: 18 Dec 2015 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
64	57.1	36.6	55.0#	
63	31.7	19.4	29.0#	





#7

Phenol-d6

Concen: 48.52 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083929.D

Acq: 18 Dec 2015 22:44

Instrument :

BNA_F

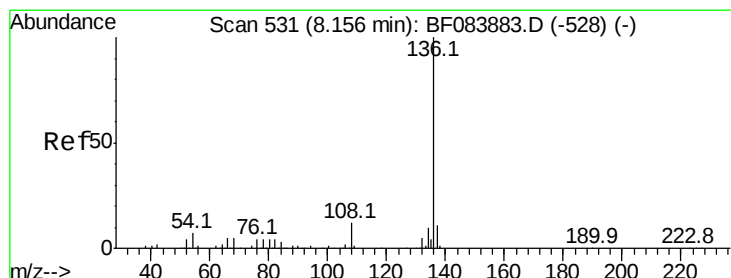
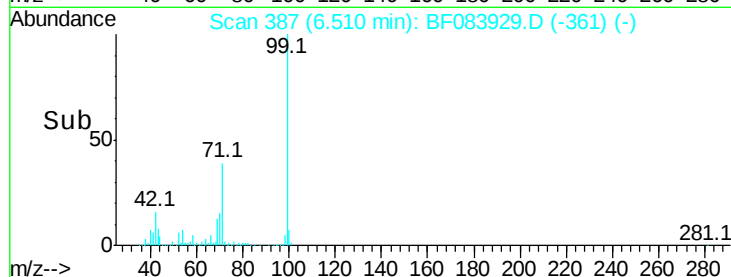
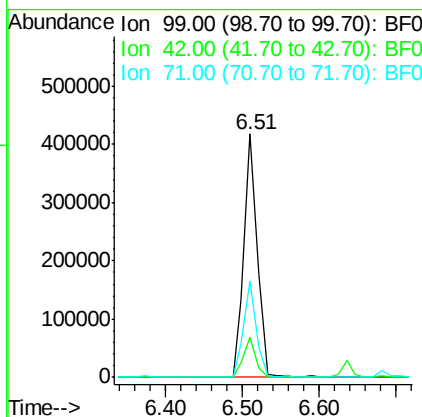
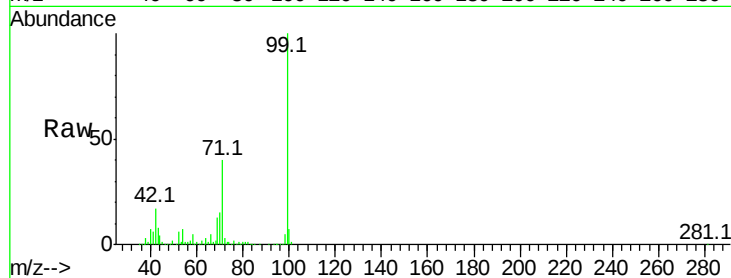
ClientSampleId :

K1210-0-2RE

Tot Ion:	99	Resp:	514743
Ion Ratio	Lower	Upper	
99	100		
42	16.5	12.8	19.2
71	39.6	30.9	46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

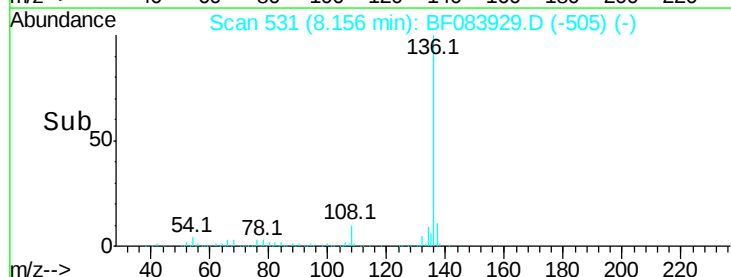
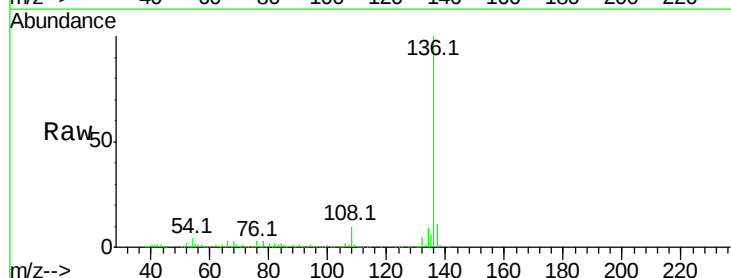
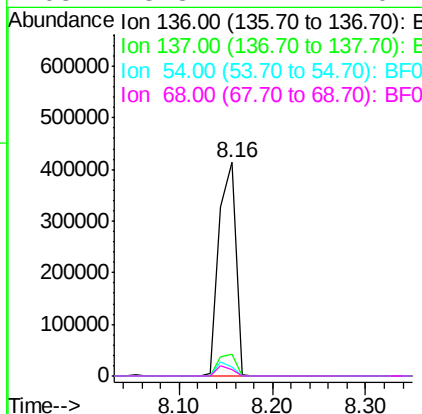
RT: 8.16 min Scan# 531

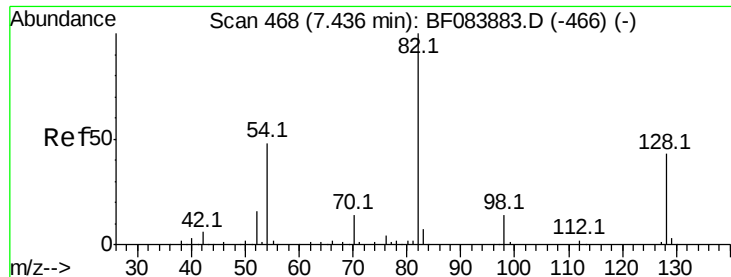
Delta R.T. -0.00 min

Lab File: BF083929.D

Acq: 18 Dec 2015 22:44

Tgt Ion:	136	Resp:	516457
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	4.2	5.8	8.8#
68	3.3	4.2	6.2#





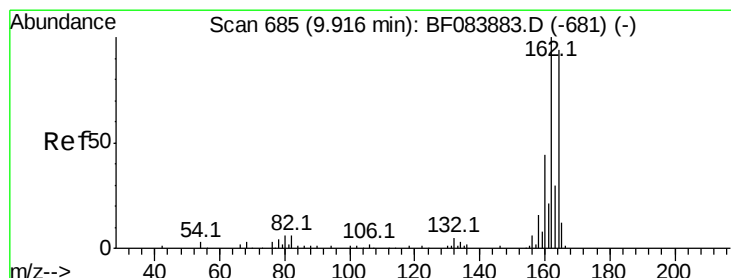
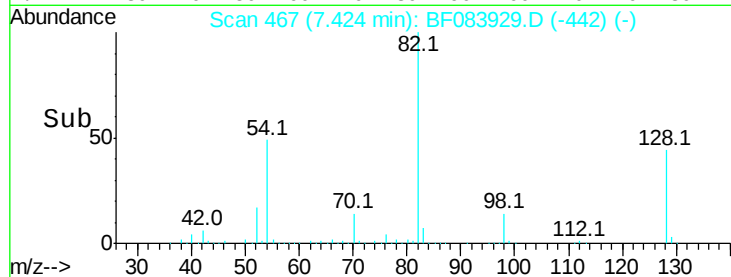
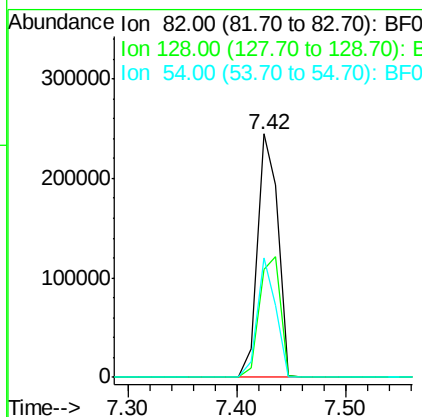
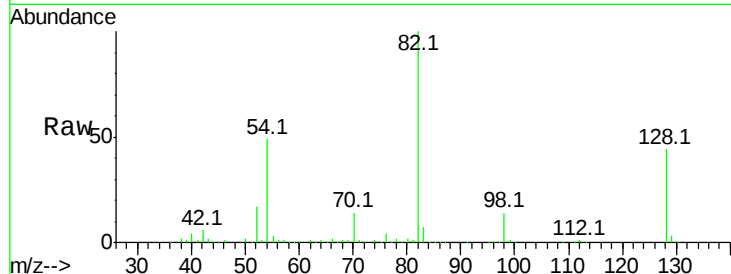
#23
Nitrobenzene-d5
Concen: 35.86 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF083929.D
Acq: 18 Dec 2015 22:44

Instrument :
BNA_F
ClientSampleId :
K1210-0-2RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	49.1	38.4	57.6

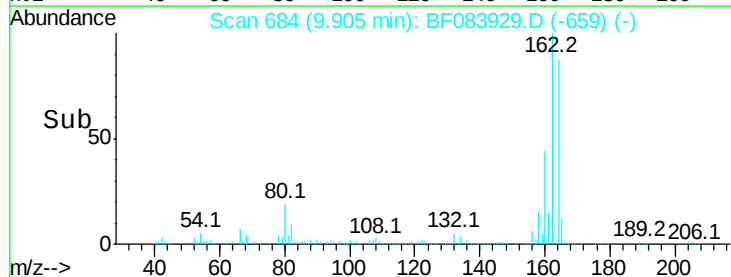
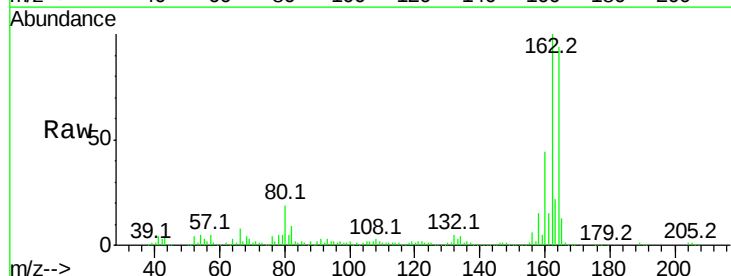
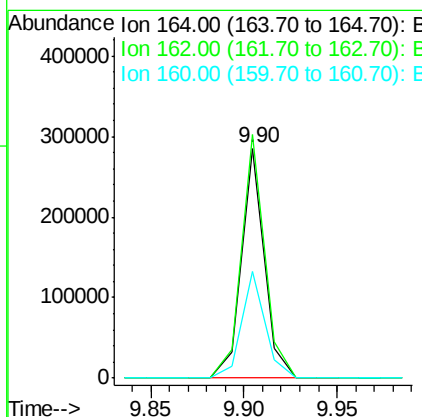
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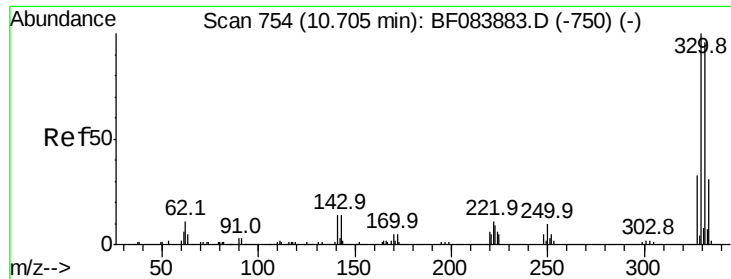
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083929.D
Acq: 18 Dec 2015 22:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.1	127.7
160	46.4	37.5	56.3





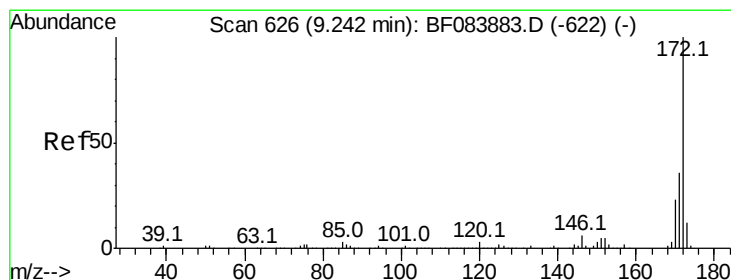
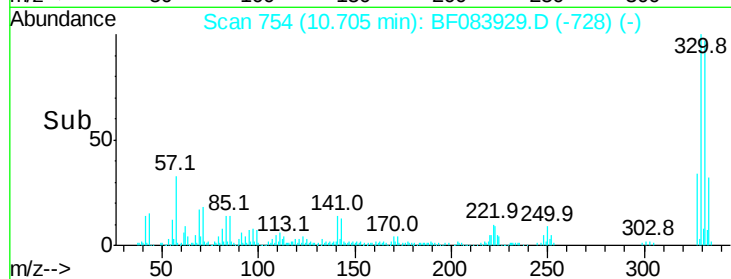
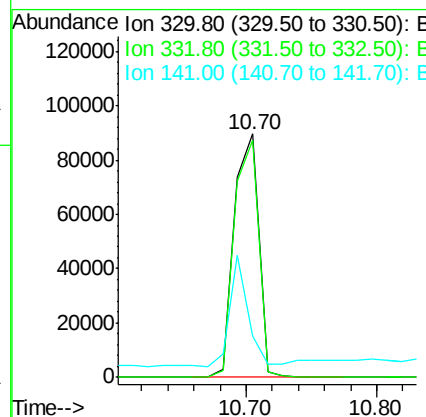
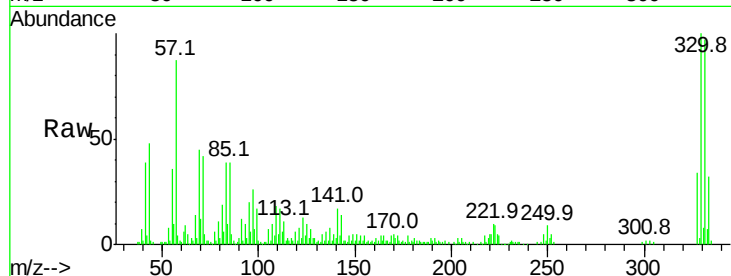
#41
 2,4,6-Tribromophenol
 Concen: 43.09 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF083929.D
 Acq: 18 Dec 2015 22:44

Instrument :
 BNA_F
 ClientSampleId :
 K1210-0-2RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	116386		
332	97.8	76.6	114.8	
141	33.9	27.8	41.6	

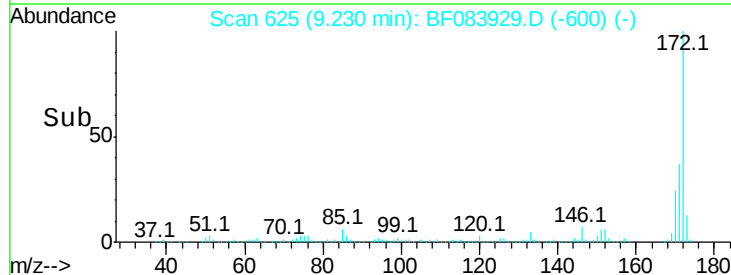
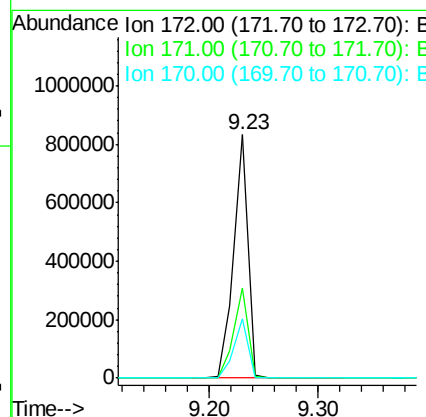
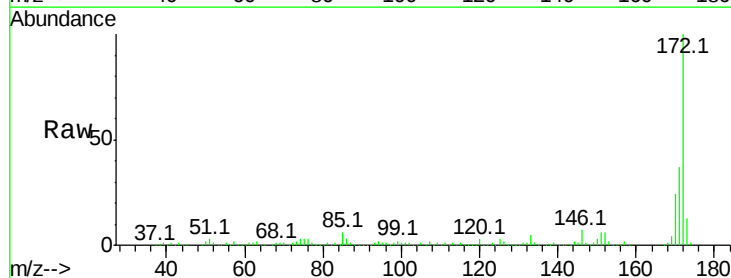
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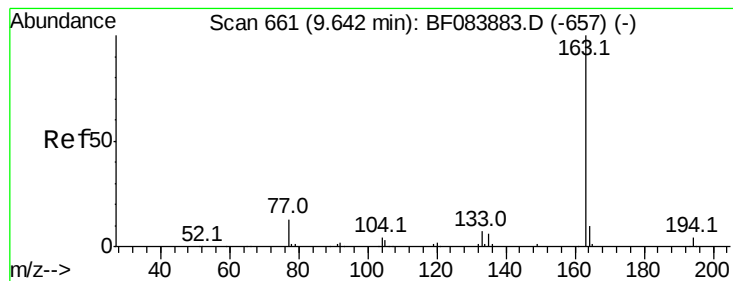
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#44
 2-Fluorobiphenyl
 Concen: 39.70 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083929.D
 Acq: 18 Dec 2015 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	755864		
171	36.9	28.9	43.3	
170	24.2	18.6	27.8	





#49

Dimethylphthalate

Concen: 9.81 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.02 min

Lab File: BF083929.D

Acq: 18 Dec 2015 22:44

Instrument :

BNA_F

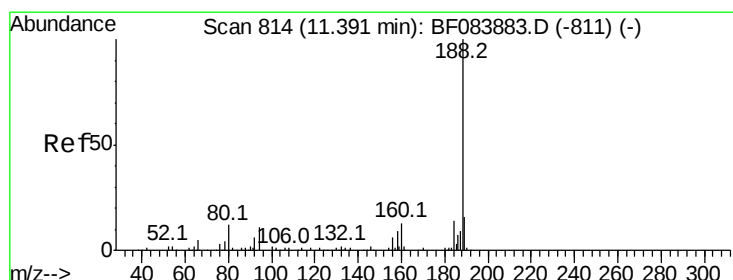
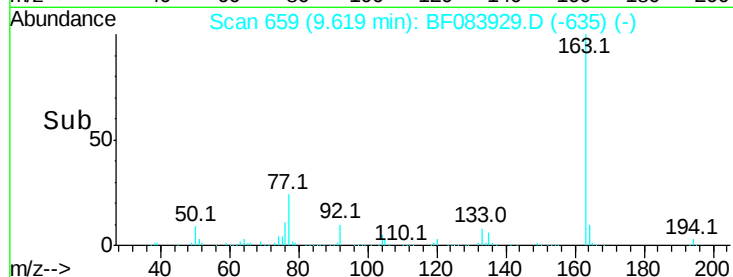
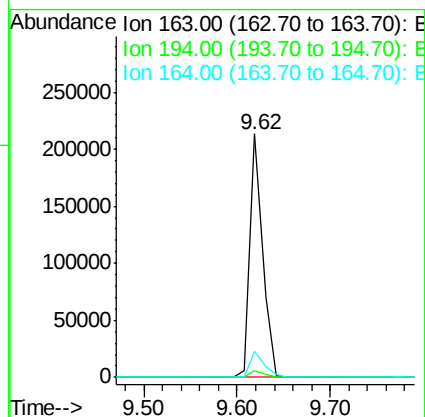
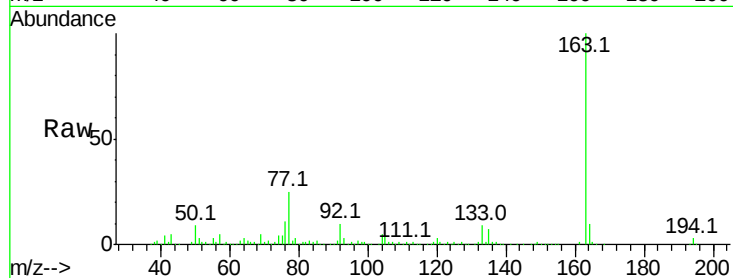
ClientSampleId :

K1210-0-2RE

Tot Ion:	163	Resp:	201816
Ion Ratio	Lower	Upper	
163	100		
194	3.0	8.0	12.0#
164	10.5	8.0	12.0

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#63

Phenanthrene-d10

Concen: 20.00 ng

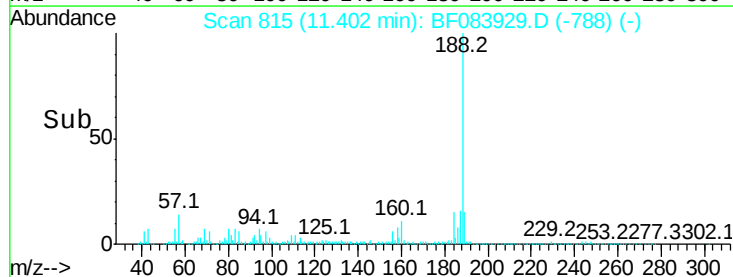
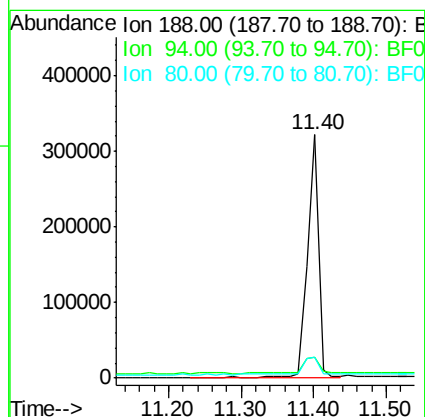
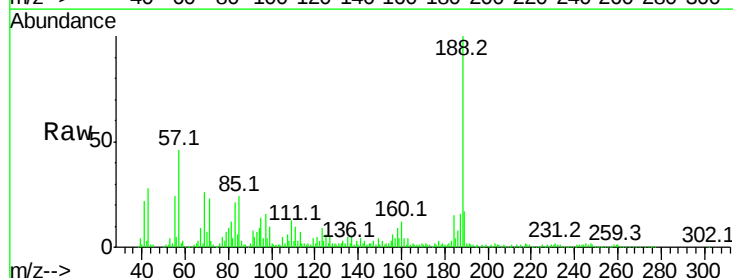
RT: 11.40 min Scan# 815

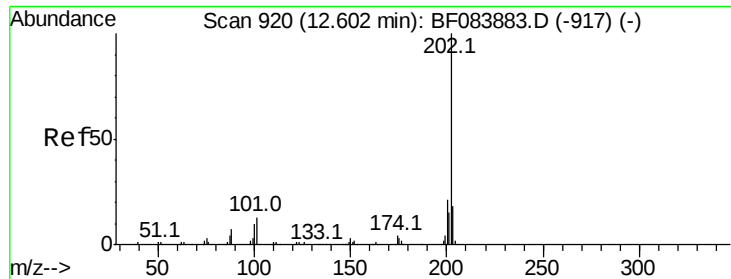
Delta R.T. 0.01 min

Lab File: BF083929.D

Acq: 18 Dec 2015 22:44

Tgt Ion:	188	Resp:	334566
Ion Ratio	Lower	Upper	
188	100		
94	8.7	9.0	13.4#
80	8.5	9.6	14.4#





#74

Fluoranthene

Concen: 3.05 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.02 min

Lab File: BF083929.D

Acq: 18 Dec 2015 22:44

Instrument :

BNA_F

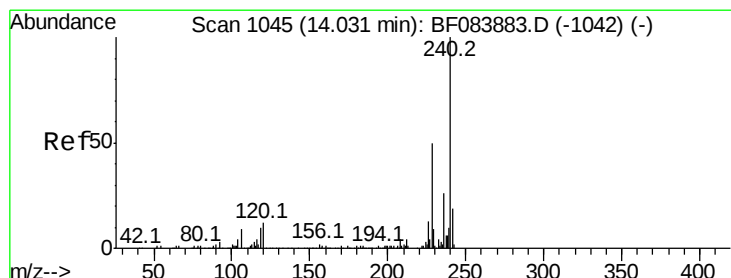
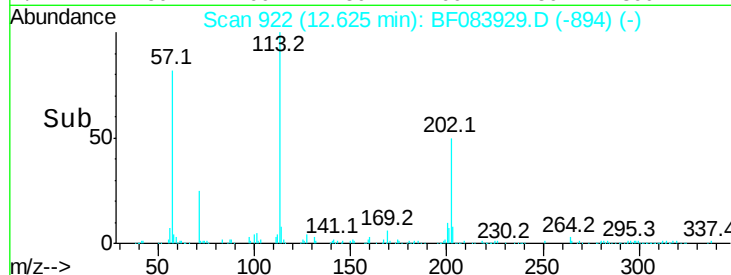
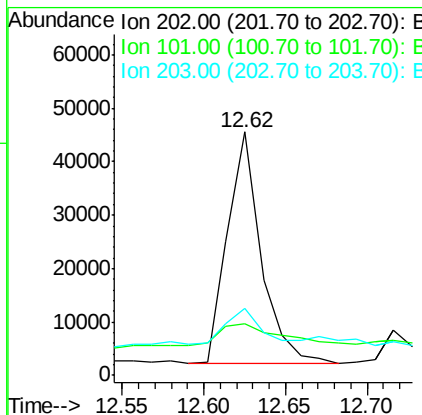
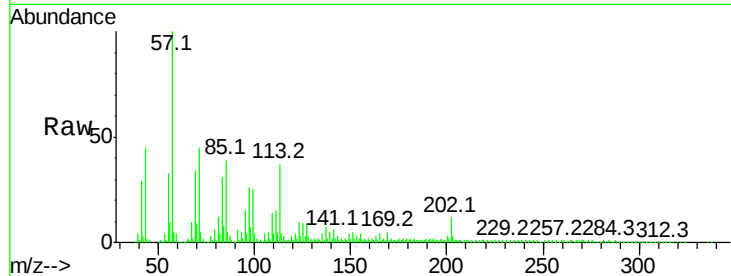
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Tot Ion:	202	Resp:	61432
Ion Ratio	Lower	Upper	
202	100		
101	21.0	0.0	32.8
203	27.7	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

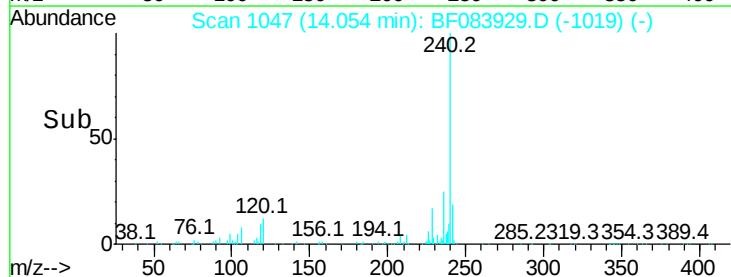
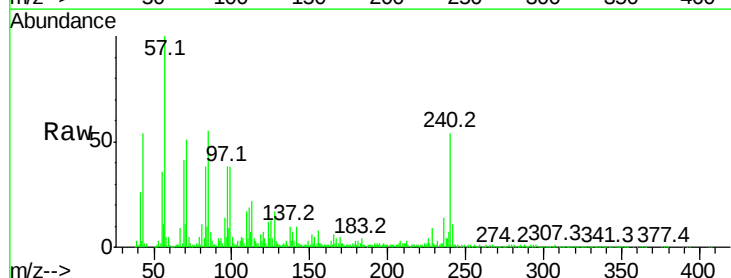
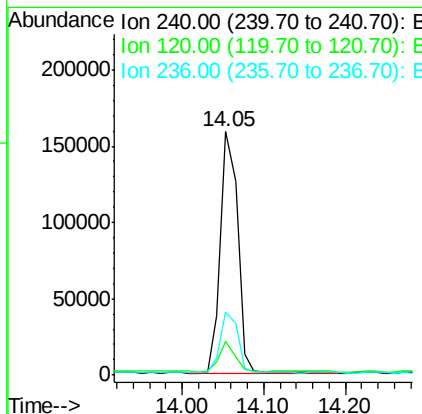
RT: 14.05 min Scan# 1047

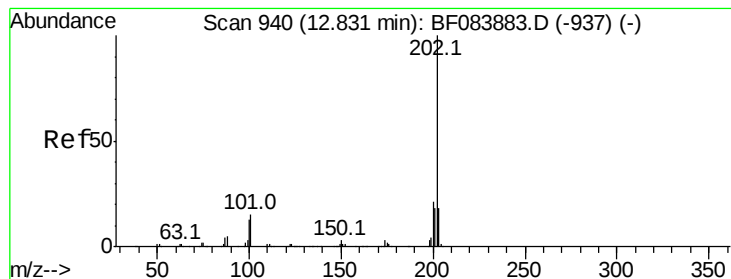
Delta R.T. 0.02 min

Lab File: BF083929.D

Acq: 18 Dec 2015 22:44

Tgt Ion:	240	Resp:	232478
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	25.7	20.6	31.0





#77

Pvrene

Concen: 2.11 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF083929.D

Acq: 18 Dec 2015 22:44

Instrument :

BNA_F

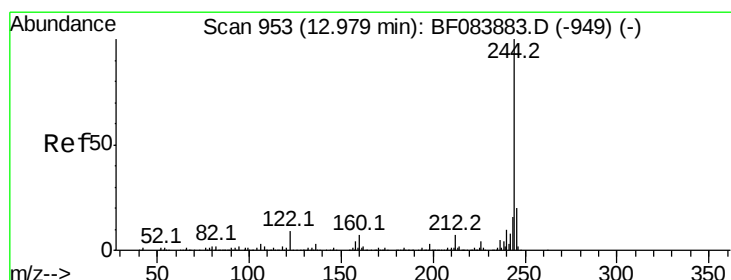
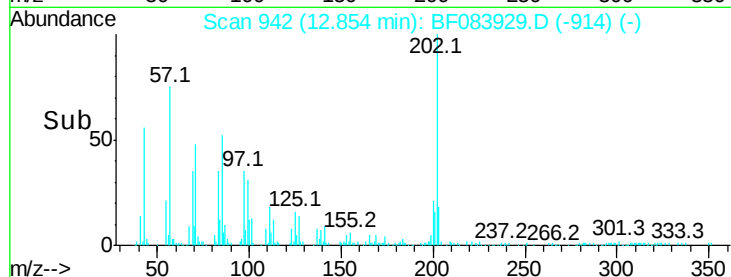
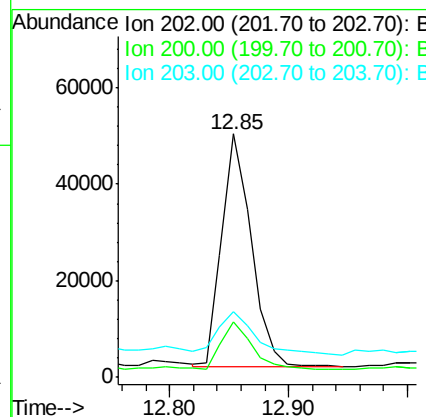
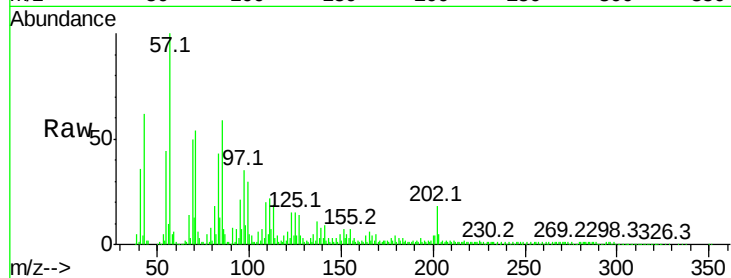
ClientSampleId :

K1210-0-2RE

Tot Ion:	202	Resp:	83718
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.2	25.8
203	27.1	14.3	21.5#

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#78

Terphenyl-d14

Concen: 30.00 ng

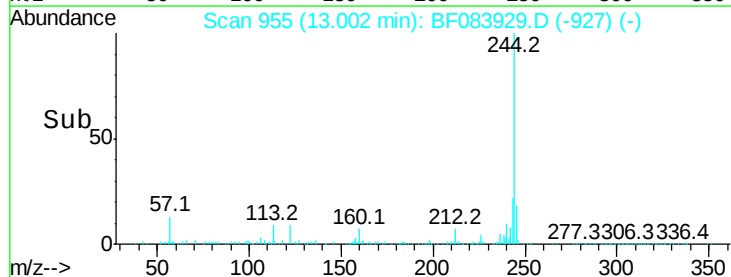
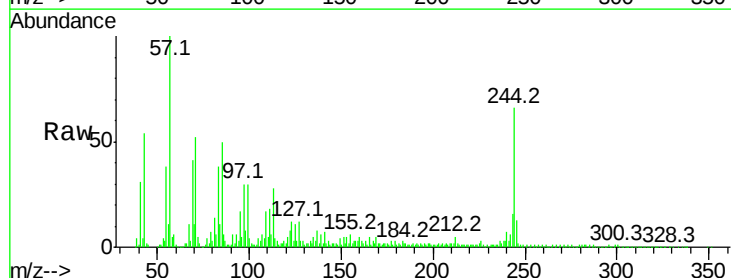
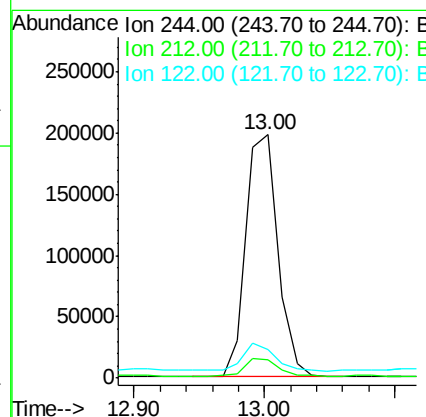
RT: 13.00 min Scan# 955

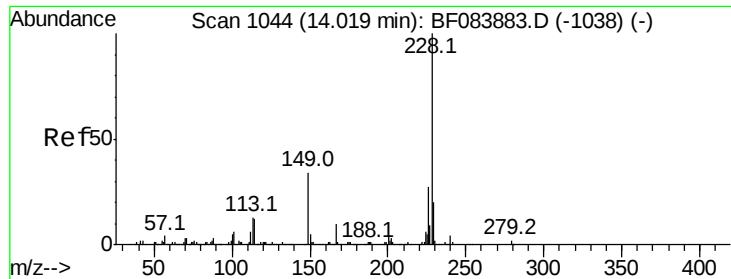
Delta R.T. 0.02 min

Lab File: BF083929.D

Acq: 18 Dec 2015 22:44

Tgt Ion:	244	Resp:	338668
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.7	8.5
122	12.0	7.4	11.0#





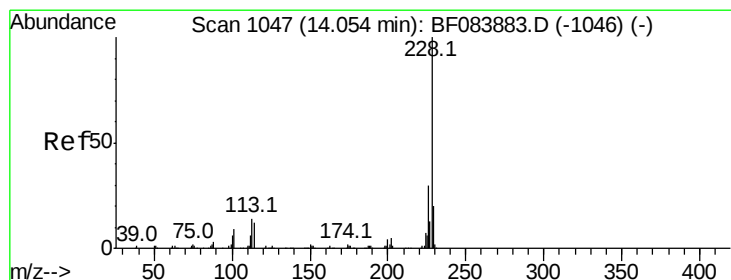
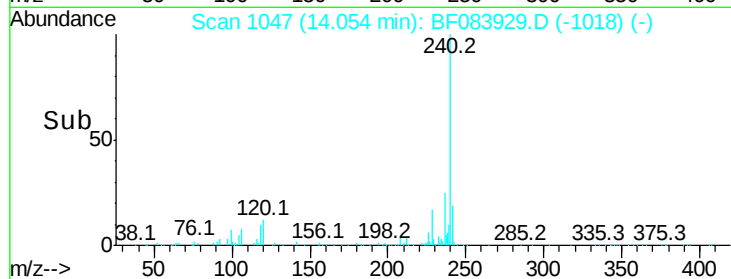
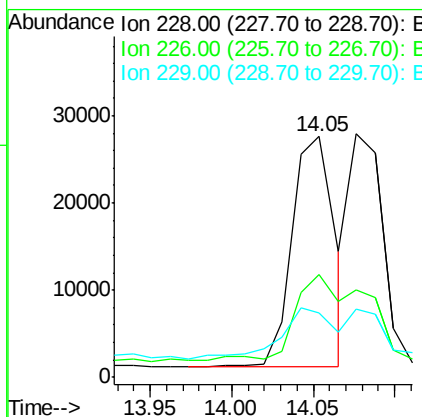
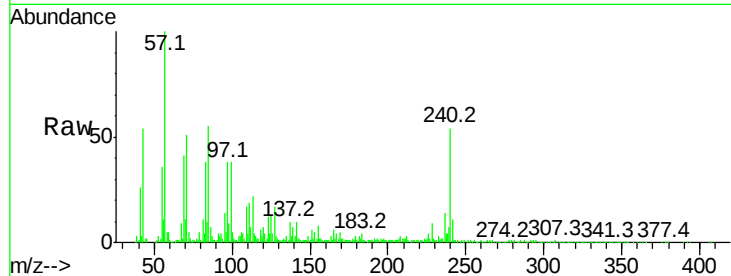
#80
Benzo(a)anthracene
Concen: 3.36 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.03 min
Lab File: BF083929.D
Acq: 18 Dec 2015 22:44

Instrument :
BNA_F
ClientSampleId :
K1210-0-2RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	42.7	21.8	32.6#
229	26.7	15.8	23.8#

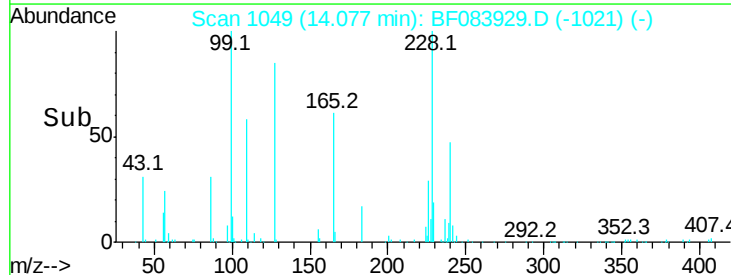
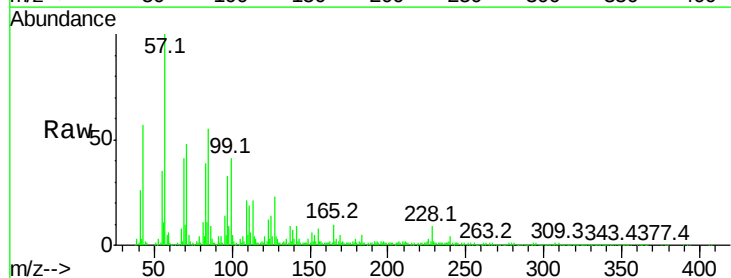
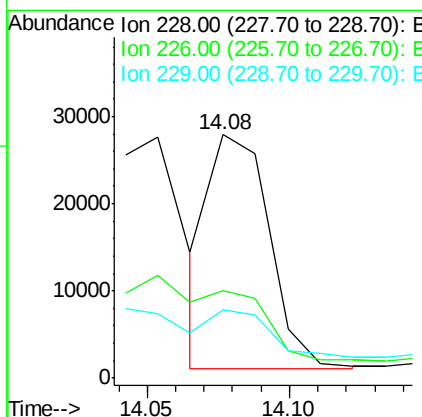
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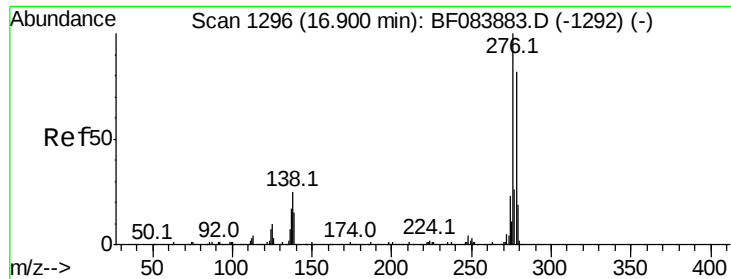
apatel
12/22/2015 11:51:23 AM



#82
Chrysene
Concen: 2.82 ng m
RT: 14.08 min Scan# 1049
Delta R.T. 0.02 min
Lab File: BF083929.D
Acq: 18 Dec 2015 22:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.7	24.3	36.5
229	28.1	16.1	24.1#





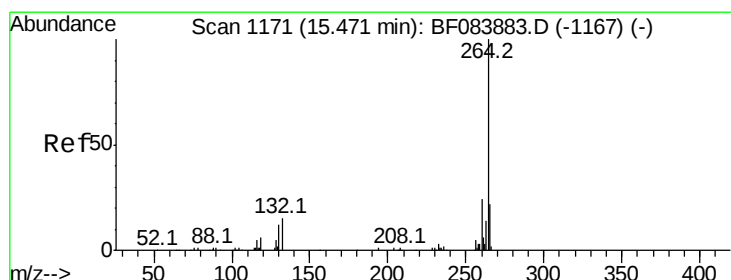
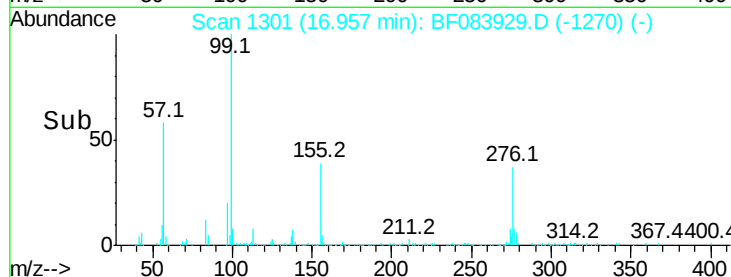
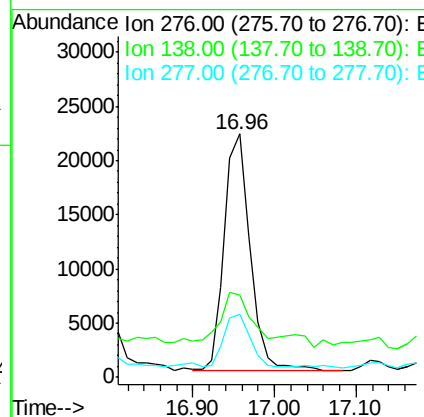
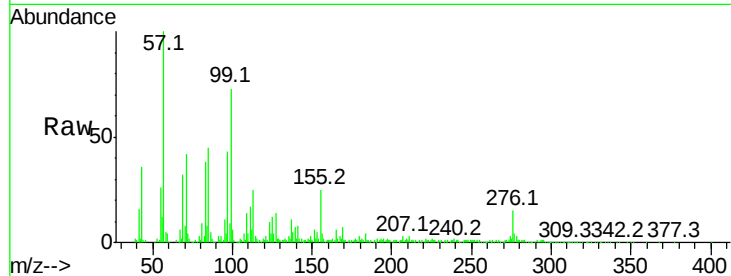
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.71 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.06 min
Lab File: BF083929.D
Acq: 18 Dec 2015 22:44

Instrument :
BNA_F
ClientSampleId :
K1210-0-2RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.6	30.8
277	23.4	20.1	30.1

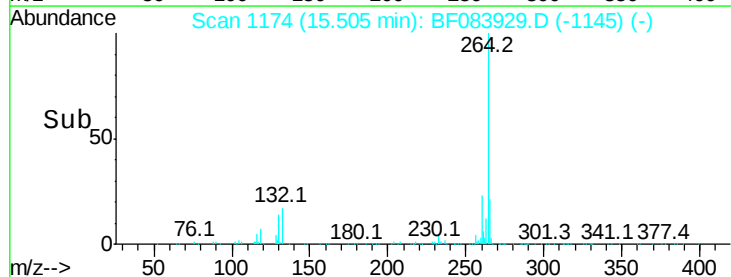
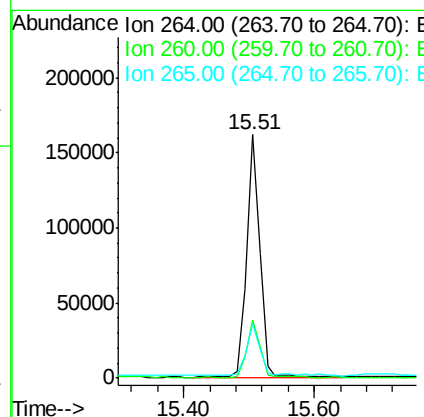
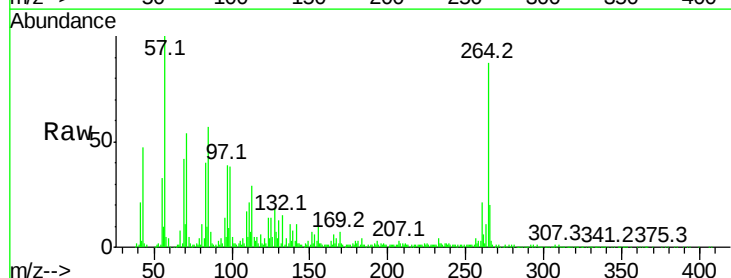
Manual Integrations
APPROVED

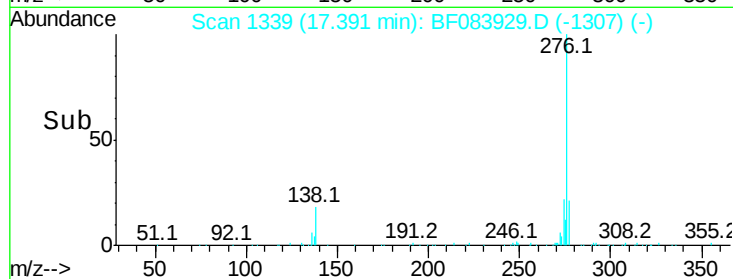
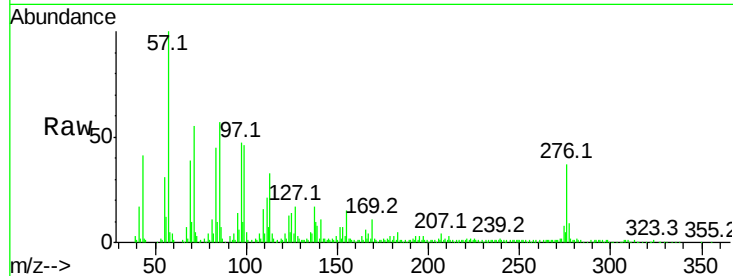
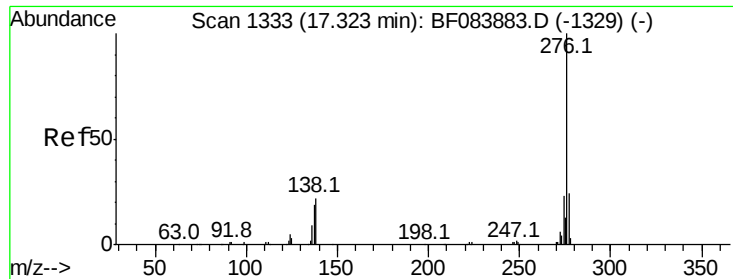
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.03 min
Lab File: BF083929.D
Acq: 18 Dec 2015 22:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.4	17.8	26.6





#91
 Benzo(a,h,i)perylene
 Concen: 7.77 ng
 RT: 17.39 min Scan# 1339
 Delta R.T. 0.07 min
 Lab File: BF083929.D
 Acq: 18 Dec 2015 22:44

Instrument :
 BNA_F
 ClientSampleId :
 K1210-0-2RE

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	28.6	17.8	26.6

Manual Integrations
 APPROVED

apatel
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