

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099218.D
 Acq On : 8 Oct 2017 3:51
 Operator : SJ/JU
 Sample : I5530-08 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-33(0-0.5)

Manual Integrations
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Quant Time: Oct 08 06:12:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	113150	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	418093	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	158407	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	246362	20.00	ng	0.00
75) Chrysene-d12	14.03	240	209908	20.00	ng	0.00
86) Perylene-d12	15.51	264	164967	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	159510	22.44	ng	0.00
7) Phenol-d6	6.49	99	184690	21.06	ng	-0.01
23) Nitrobenzene-d5	7.42	82	93427	14.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	22688	17.50	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	191310	20.16	ng	0.00
78) Terphenyl-d14	12.97	244	141049	15.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	26269	2.197	ng	Qvalue 100
70) Phenanthrene	11.41	178	35974	2.728	ng	99
74) Fluoranthene	12.60	202	68653	5.141	ng	96
77) Pyrene	12.83	202	77010	4.811	ng	97
80) Benzo(a)anthracene	14.02	228	37690	2.965	ng	95
82) Chrysene	14.05	228	34739m	2.871	ng	
87) Benzo(b)fluoranthene	15.07	252	35023m	3.453	ng	
89) Benzo(a)pyrene	15.44	252	27531	2.957	ng	# 89
91) Benzo(g,h,i)perylene	17.44	276	19700	2.675	ng	94

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

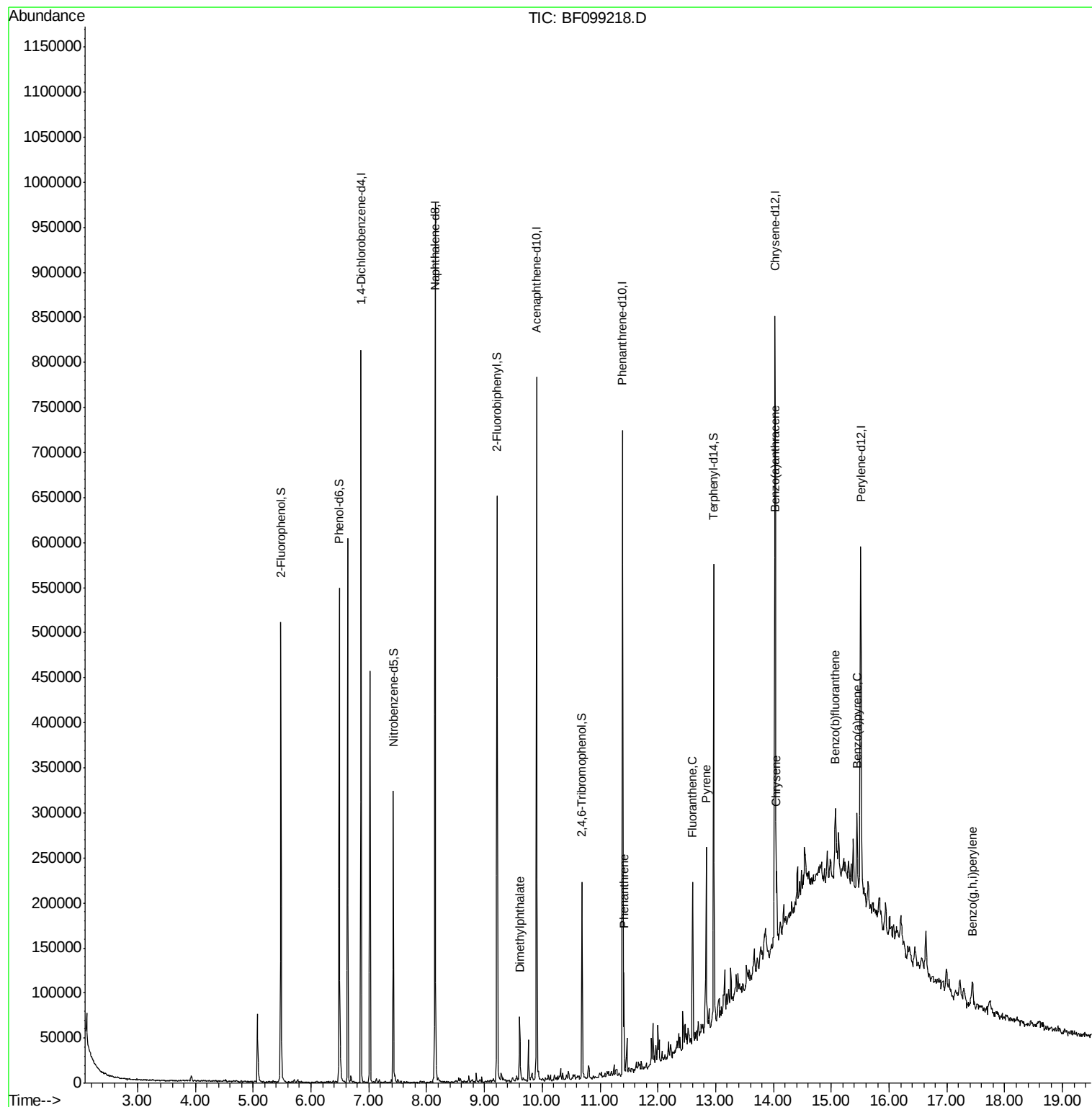
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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Sample : I5530-08 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

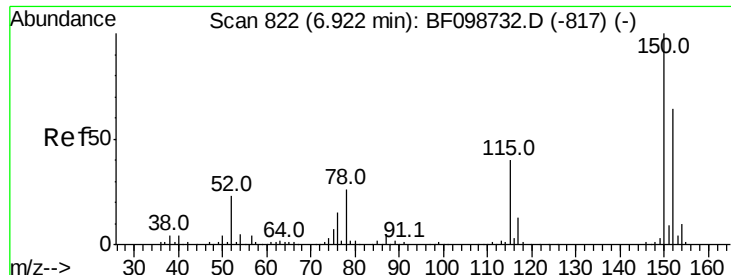
Instrument :
BNA_F
ClientSampleId :
LB-33(0-0.5)

Manual Integrations
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#1

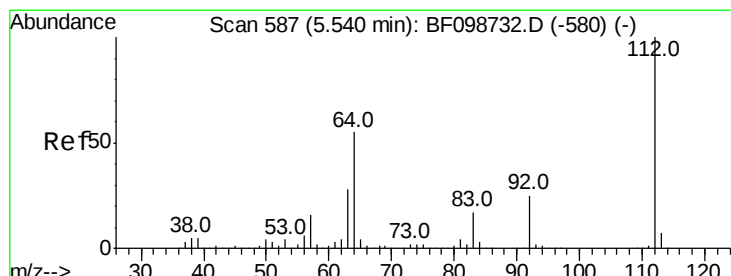
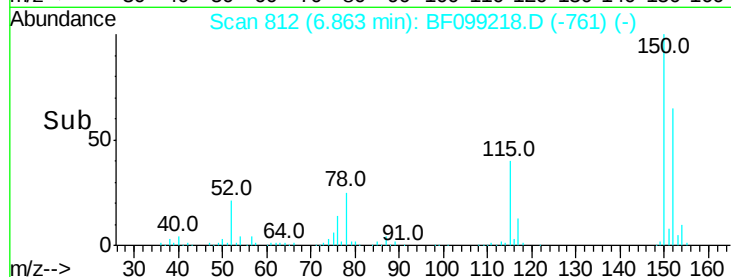
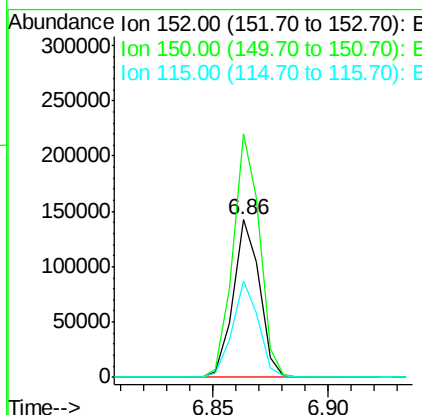
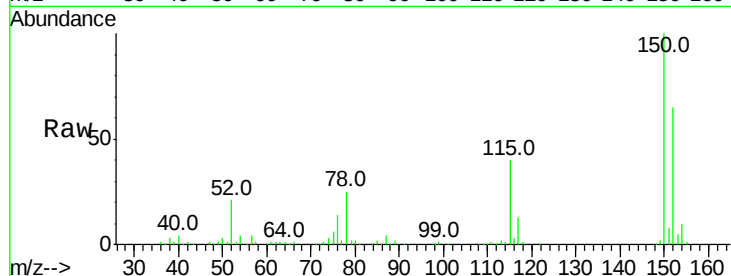
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF099218.D
 Acq: 8 Oct 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LB-33(0-0.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	61.5	50.1	75.1

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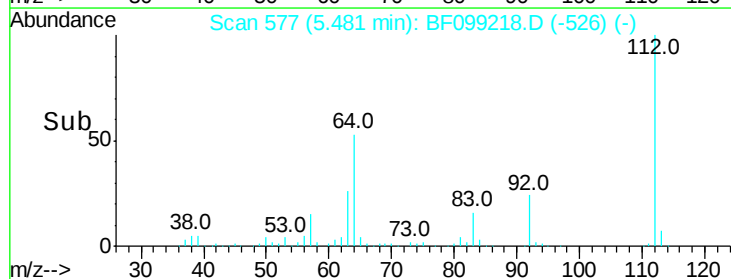
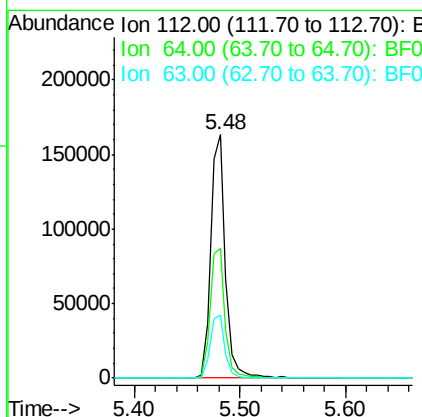
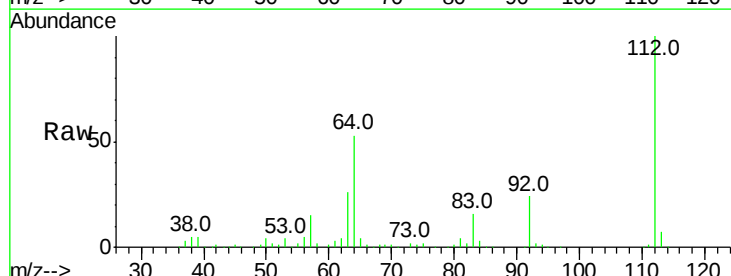
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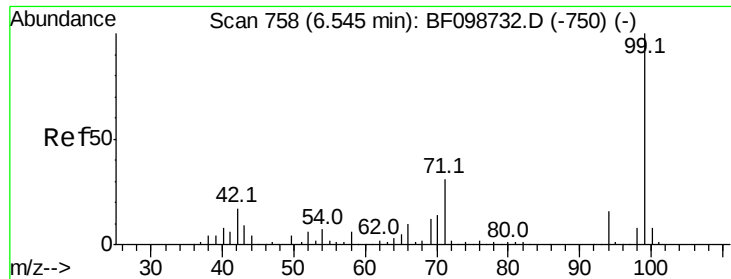


#5

2-Fluorophenol
 Concen: 22.441 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF099218.D
 Acq: 8 Oct 2017 3:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	25.7	23.7	35.5





#7

Phenol-d6

Concen: 21.063 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099218.D

Acq: 8 Oct 2017 3:51

Instrument :

BNA_F

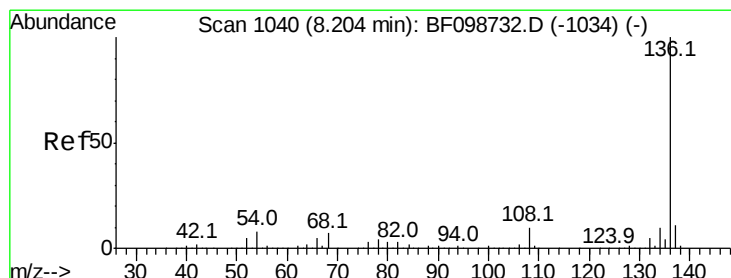
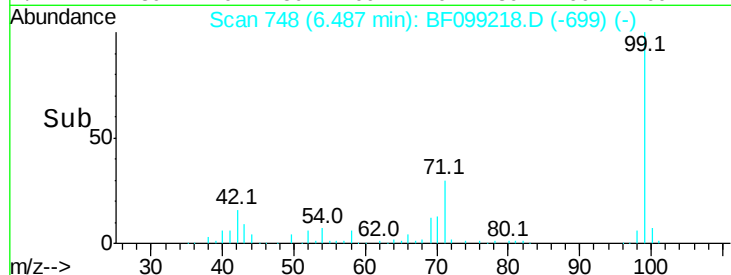
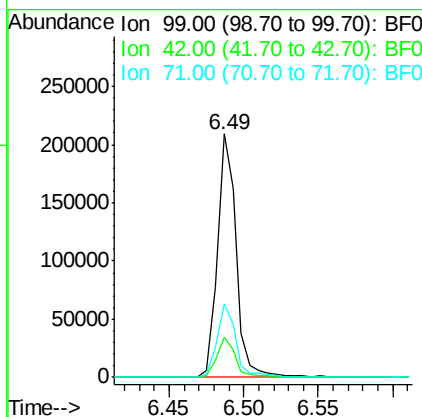
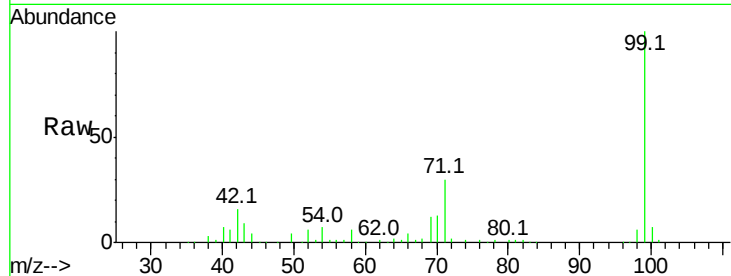
ClientSampled :

LB-33(0-0.5)

Tot Ion:	99	Resp:	184690
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	30.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

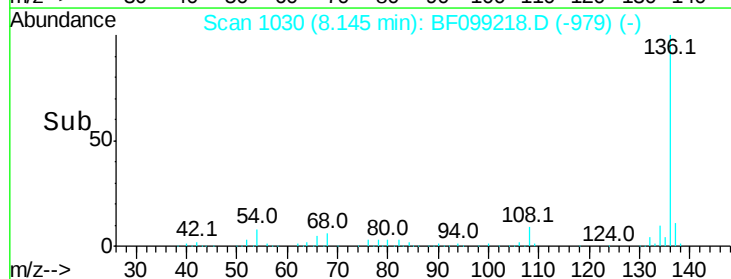
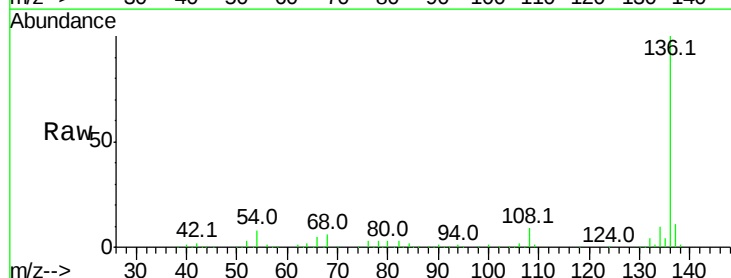
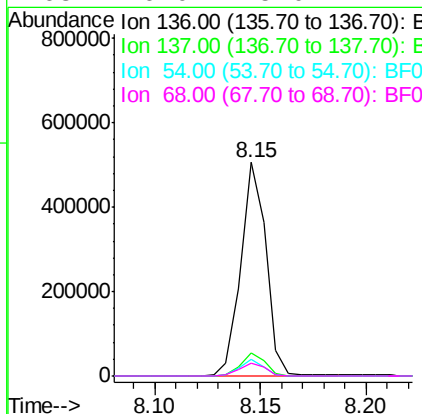
RT: 8.15 min Scan# 1030

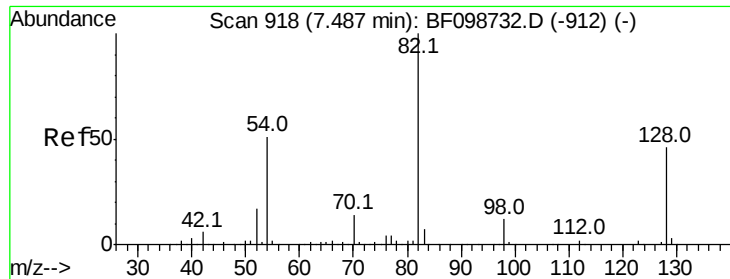
Delta R.T. 0.00 min

Lab File: BF099218.D

Acq: 8 Oct 2017 3:51

Tgt Ion:	136	Resp:	418093
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.0	5.0	7.4





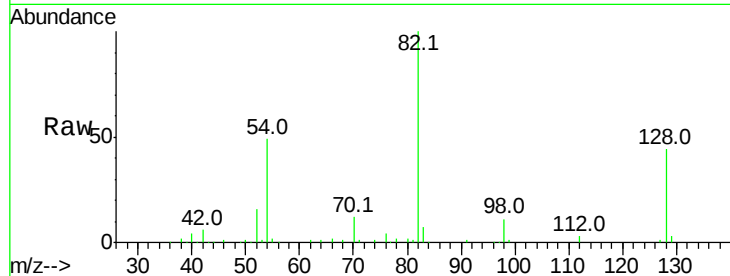
#23
Nitrobenzene-d5
Concen: 14.331 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampled :
LB-33(0-0.5)

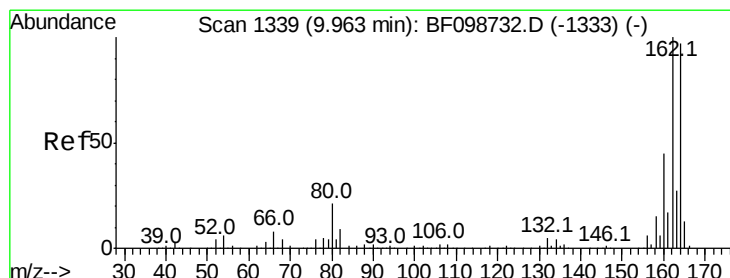
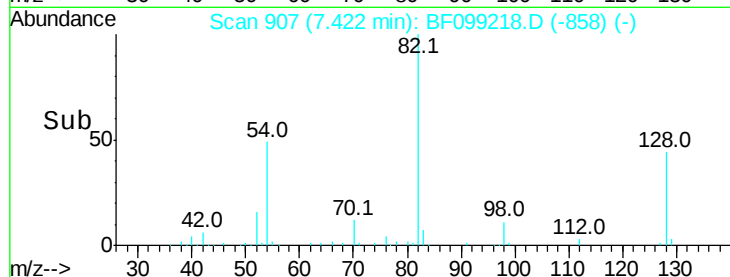
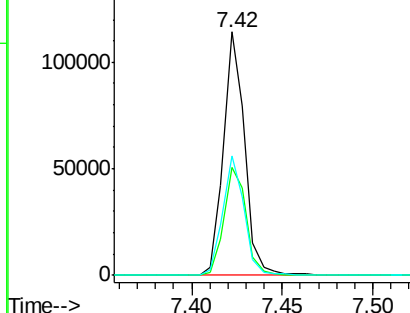
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	48.9	41.4	62.2

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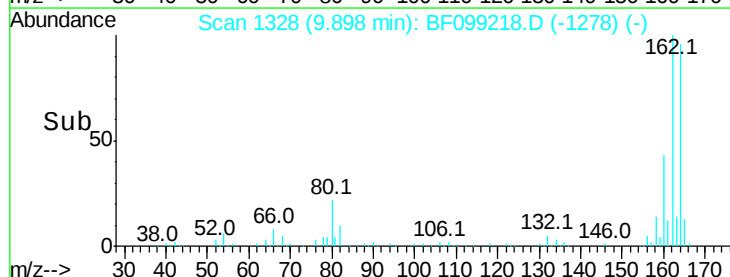
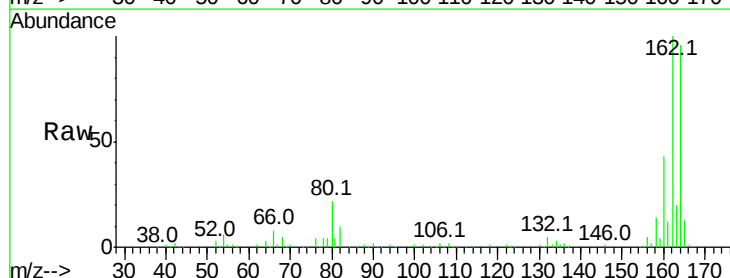
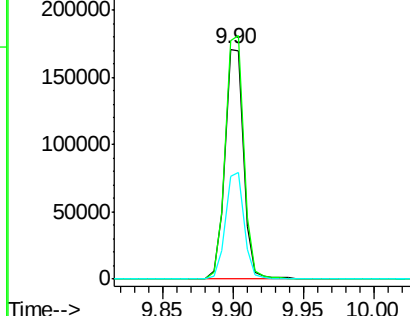
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

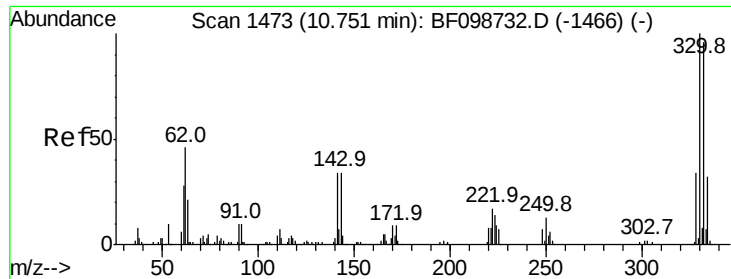


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	44.8	38.3	57.5

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





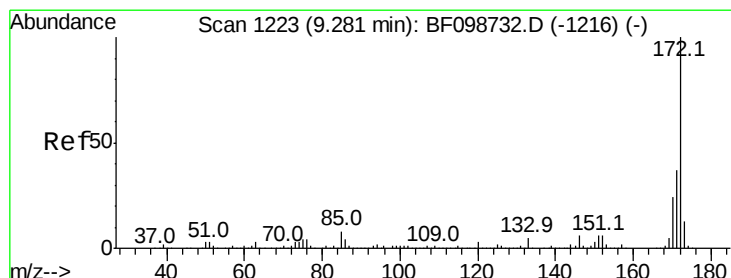
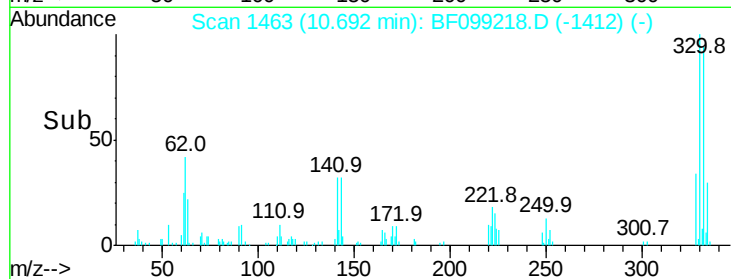
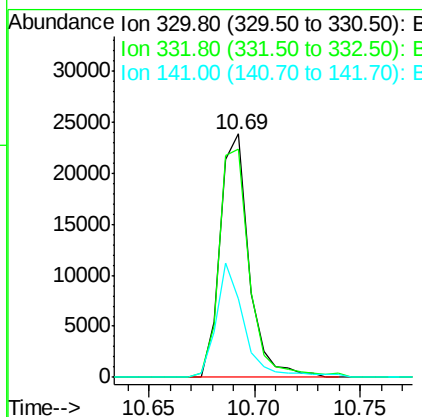
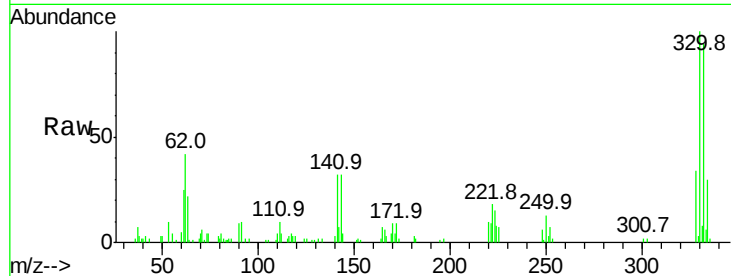
#41
 2,4,6-Tribromophenol
 Concen: 17.503 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF099218.D
 Acq: 8 Oct 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LB-33(0-0.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	46.1	29.9	44.9#

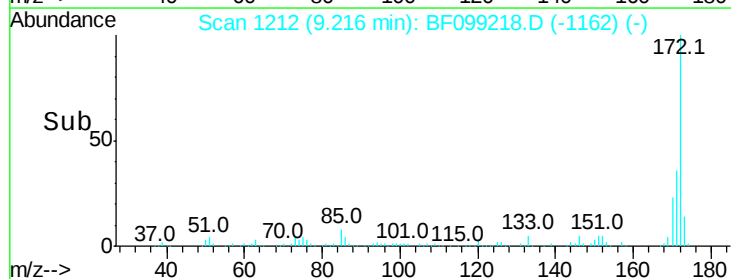
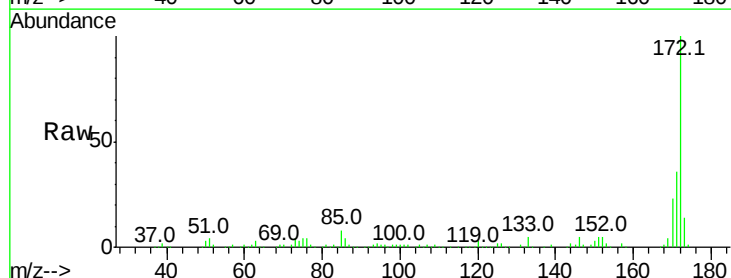
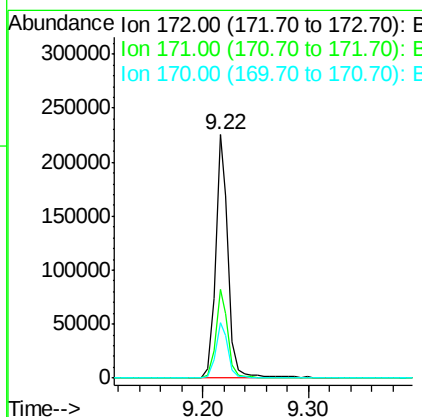
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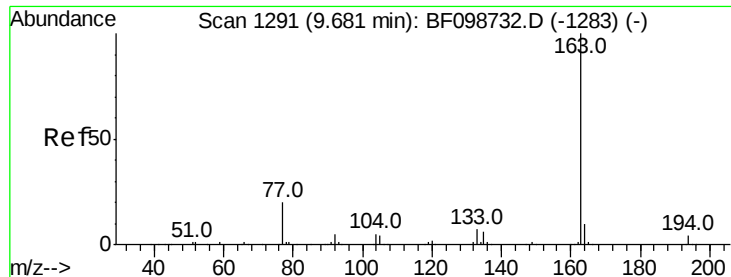
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#44
 2-Fluorobiphenyl
 Concen: 20.162 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099218.D
 Acq: 8 Oct 2017 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	22.9	19.6	29.4





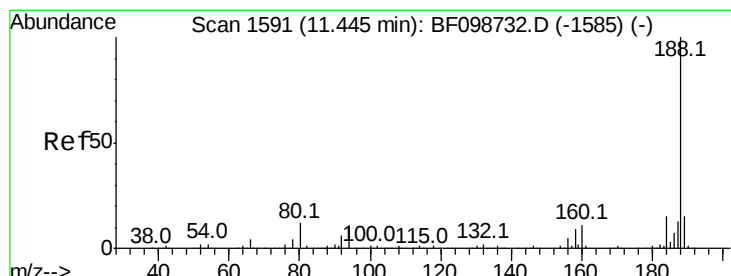
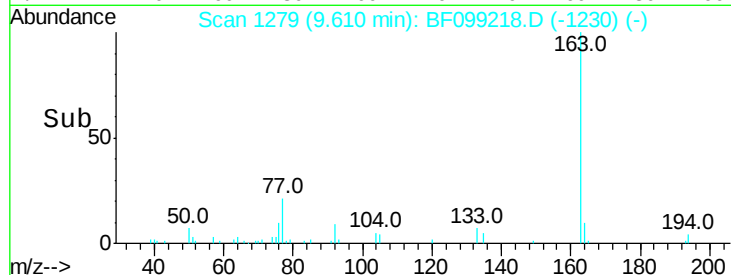
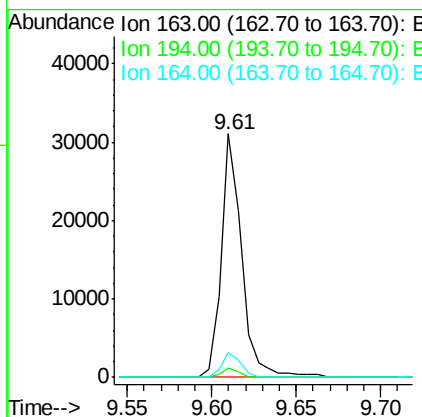
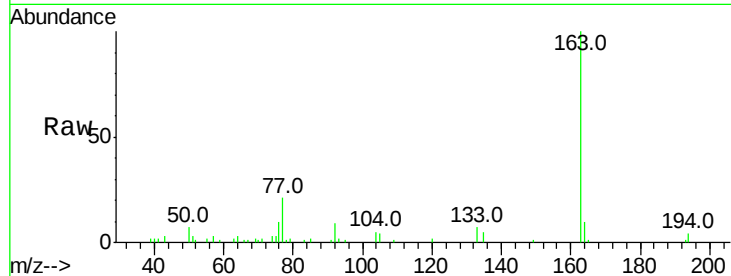
#49
Dimethylphthalate
Concen: 2.197 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :
LB-33(0-0.5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	26269		
194	3.6		2.7	4.1
164	10.3		8.2	12.2

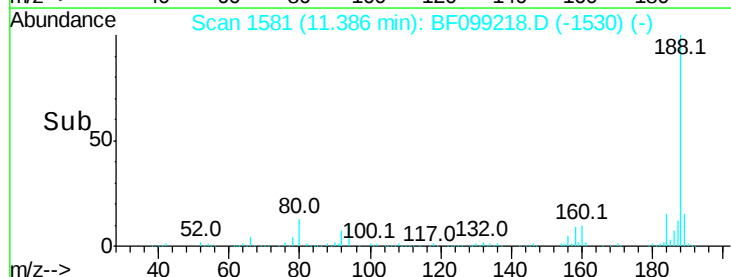
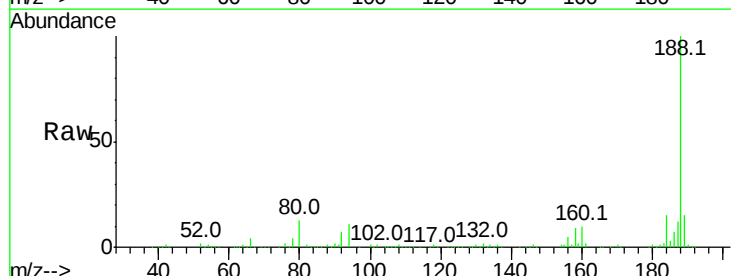
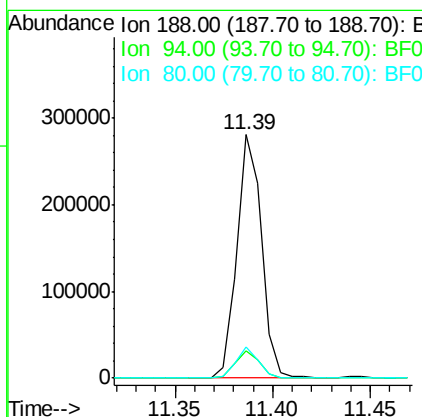
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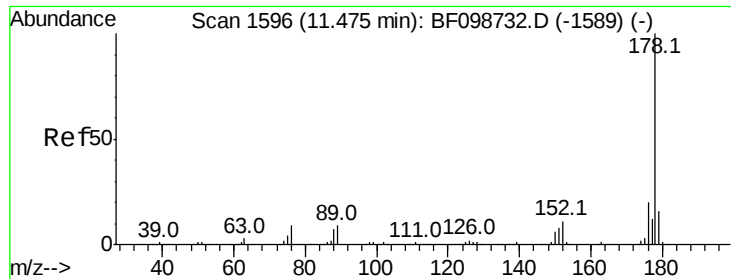
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	246362		
94	11.1		8.5	12.7
80	12.7		9.2	13.8





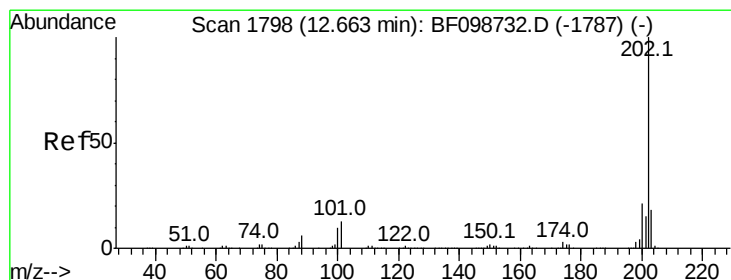
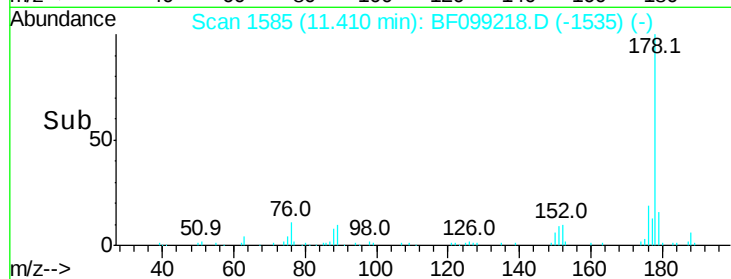
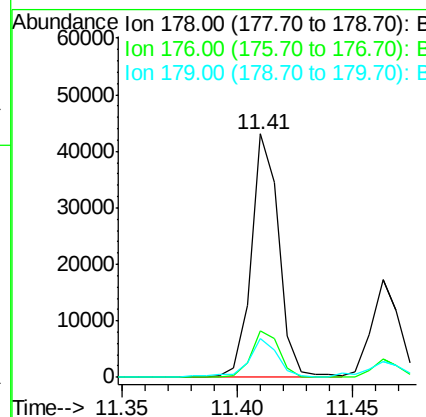
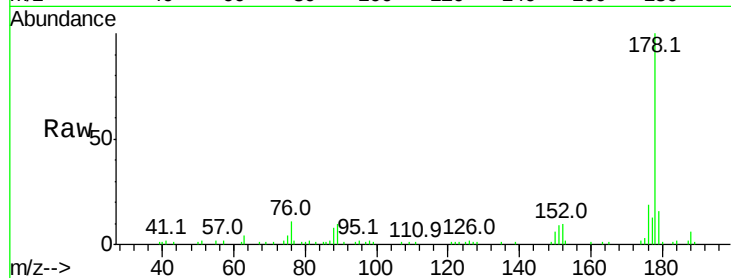
#70
Phenanthrene
Concen: 2.728 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :
LB-33(0-0.5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.7	13.0	19.6

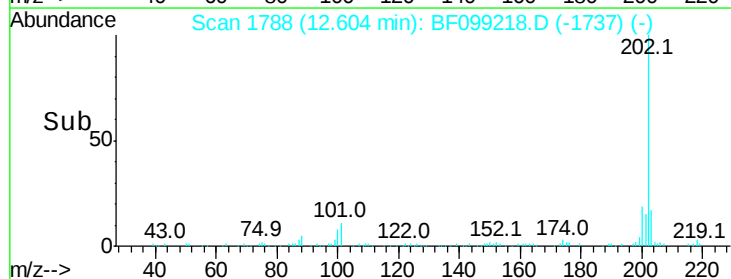
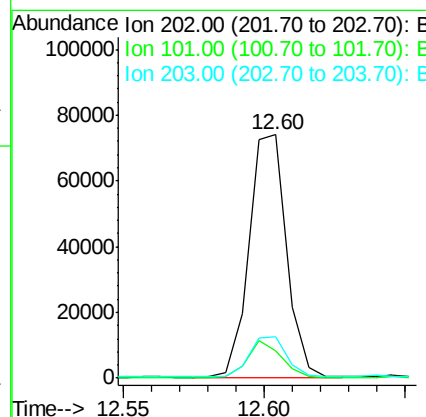
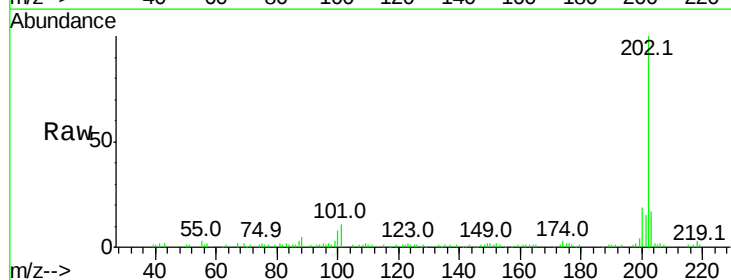
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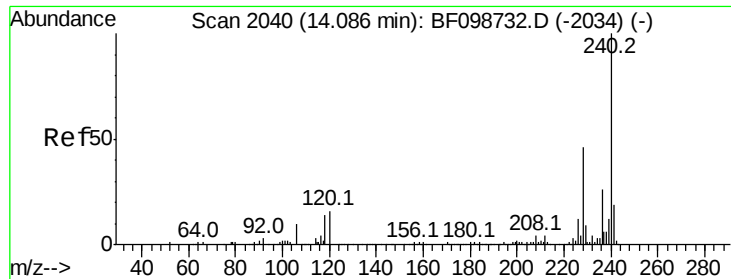
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#74
Fluoranthene
Concen: 5.141 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF099218.D

Acq: 8 Oct 2017 3:51

Instrument :

BNA_F

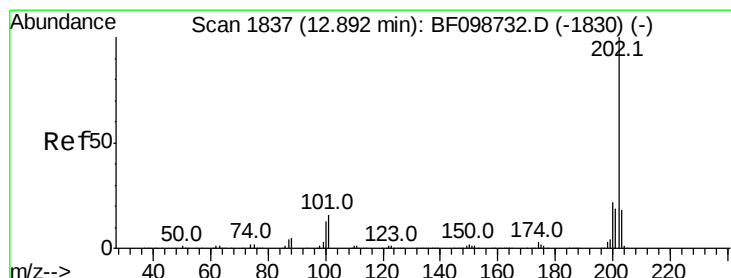
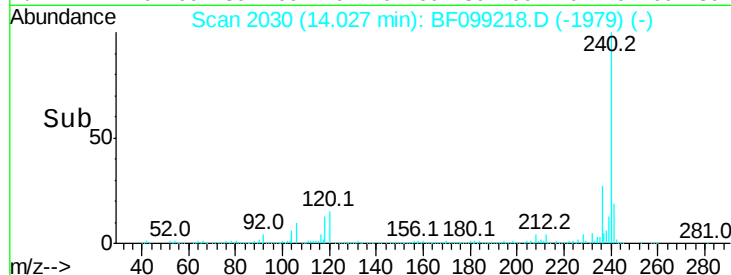
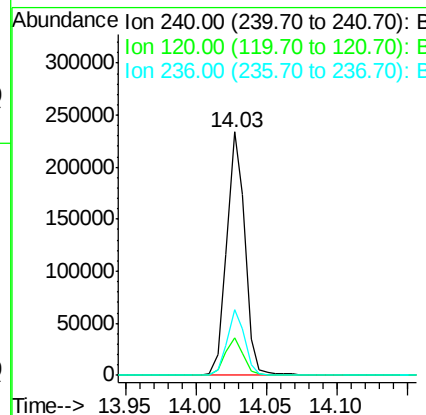
ClientSampleId :

LB-33(0-0.5)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	209908		
120	15.2	9.5	14.3	
236	27.0	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 4.811 ng

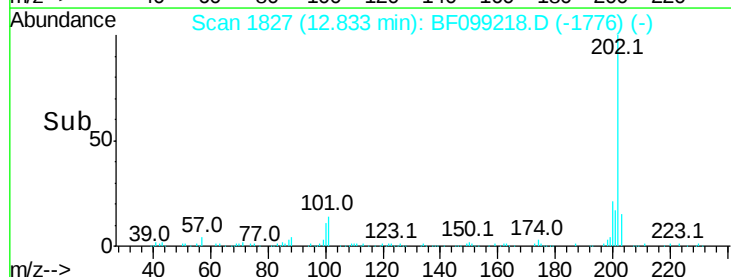
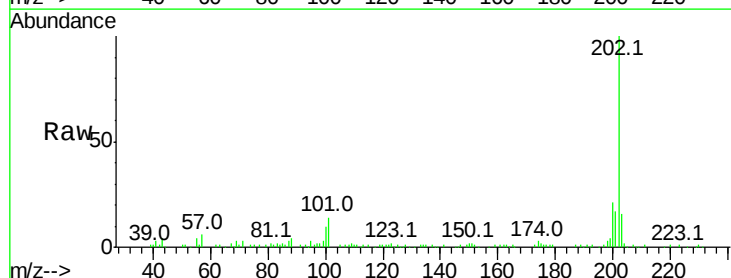
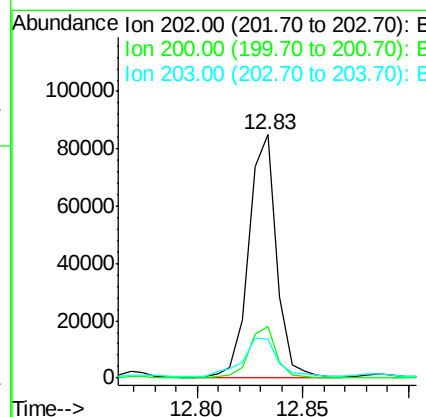
RT: 12.83 min Scan# 1827

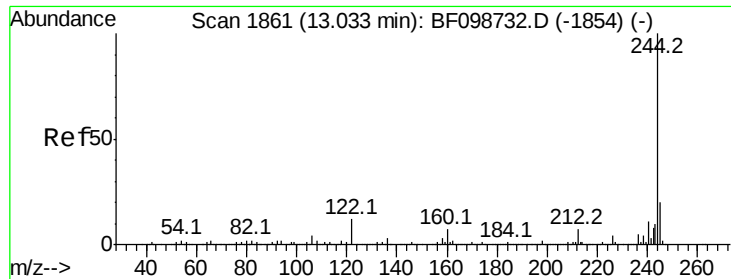
Delta R.T. 0.00 min

Lab File: BF099218.D

Acq: 8 Oct 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	77010		
200	21.2	17.4	26.2	
203	16.0	14.3	21.5	





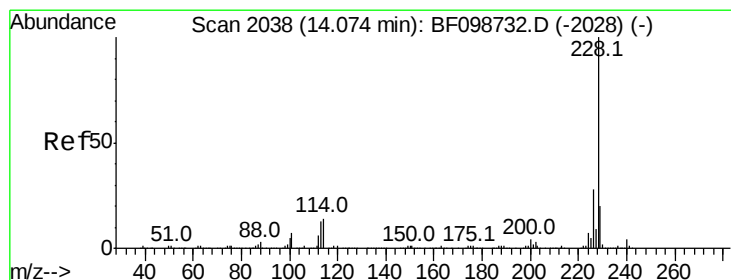
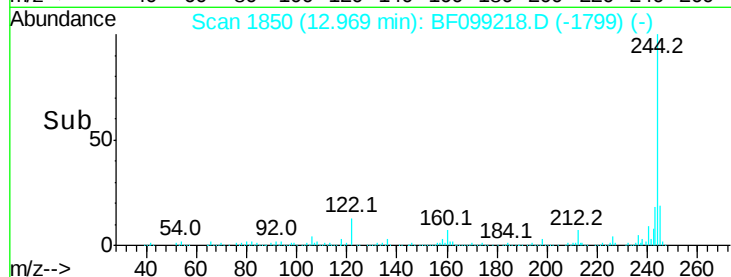
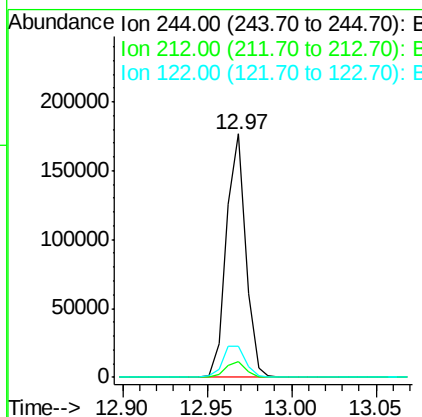
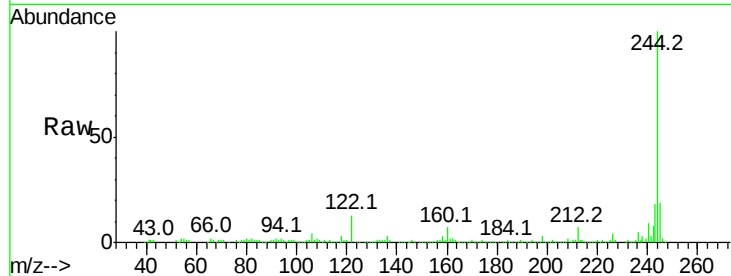
#78
 Terphenyl-d14
 Concen: 15.282 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF099218.D
 Acq: 8 Oct 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LB-33(0-0.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	13.0	11.0	16.4

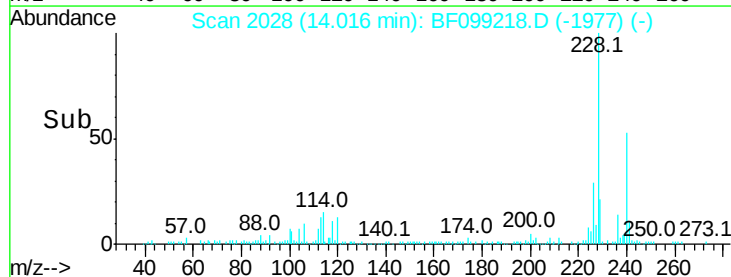
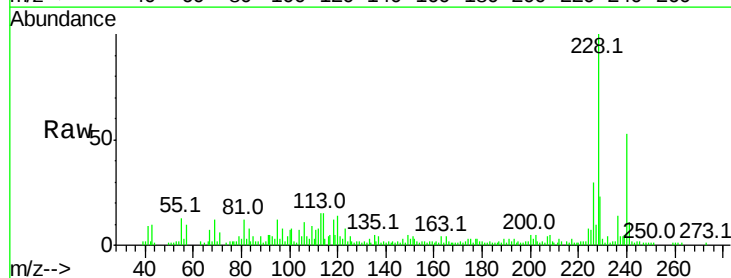
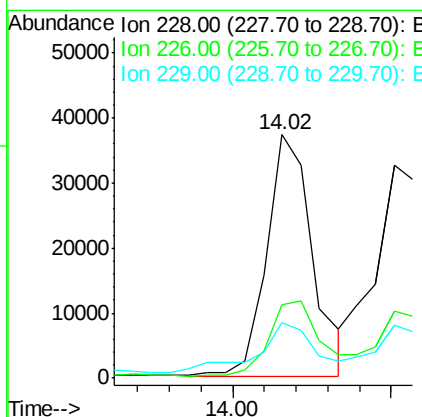
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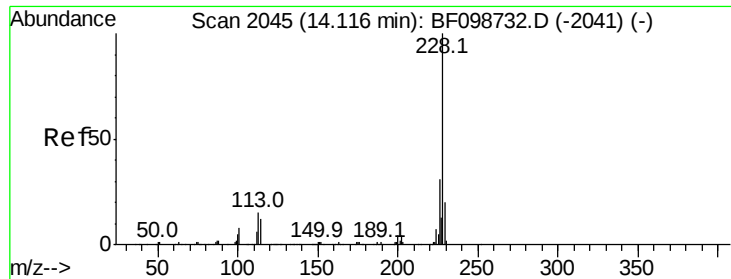
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#80
 Benzo(a)anthracene
 Concen: 2.965 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099218.D
 Acq: 8 Oct 2017 3:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	22.8	15.8	23.6





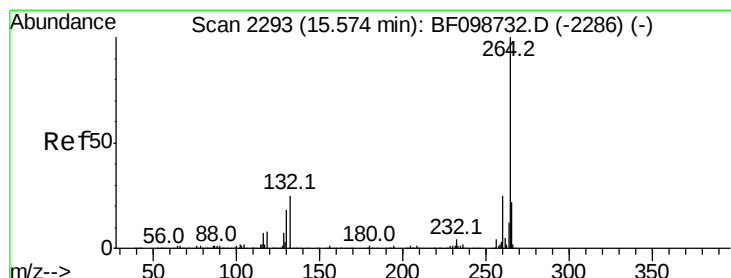
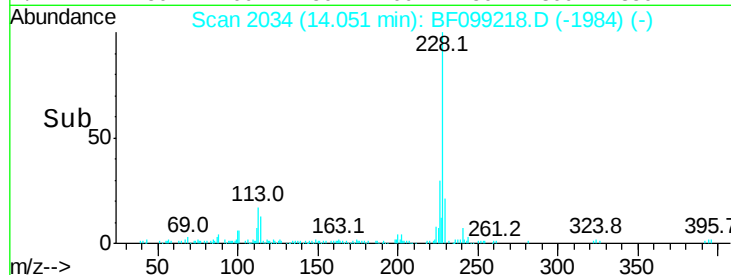
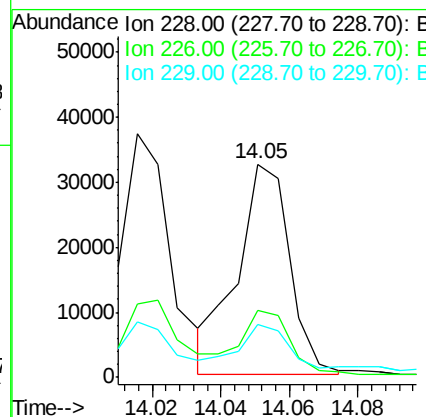
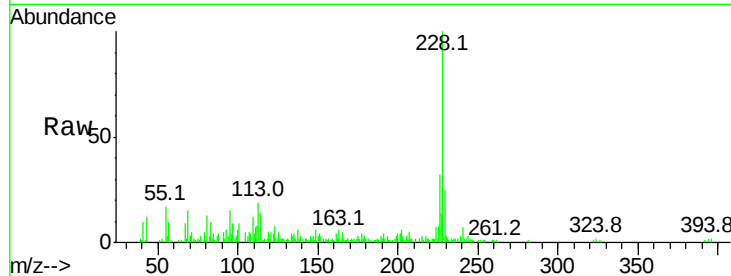
#82
 Chrysene
 Concen: 2.871 ng/mL
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF099218.D
 Acq: 8 Oct 2017 3:51

Instrument :
 BNA_F
 ClientSampleID :
 LB-33(0-0.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	24.7	16.2	24.4

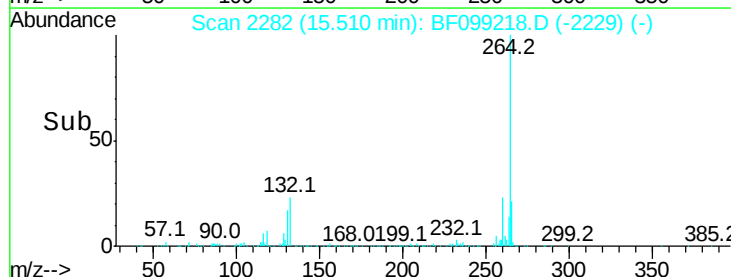
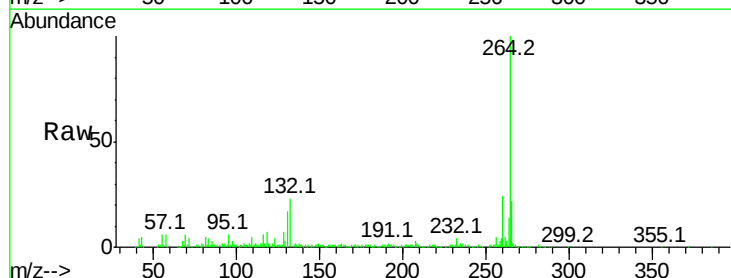
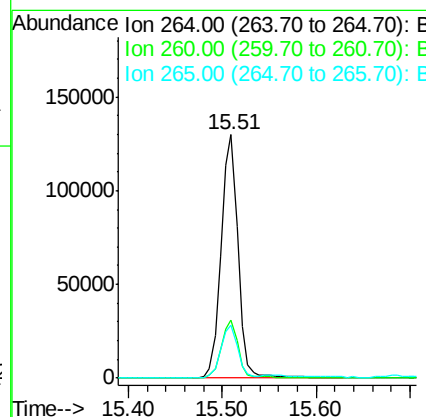
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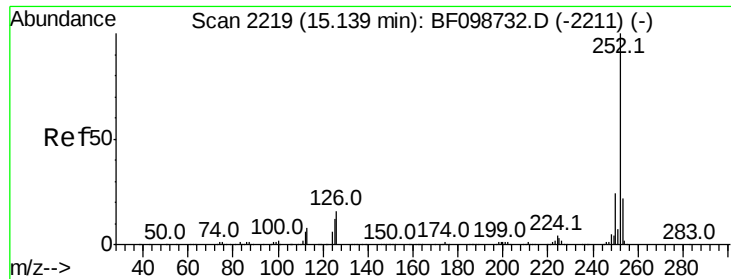
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF099218.D
 Acq: 8 Oct 2017 3:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.453 ng/mL

RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF099218.D

Acq: 8 Oct 2017 3:51

Instrument :

BNA_F

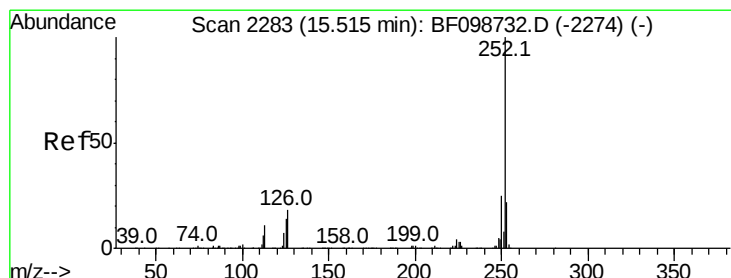
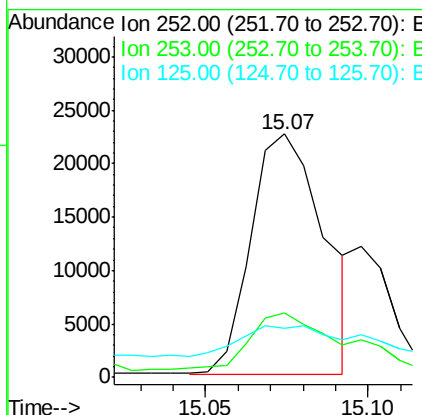
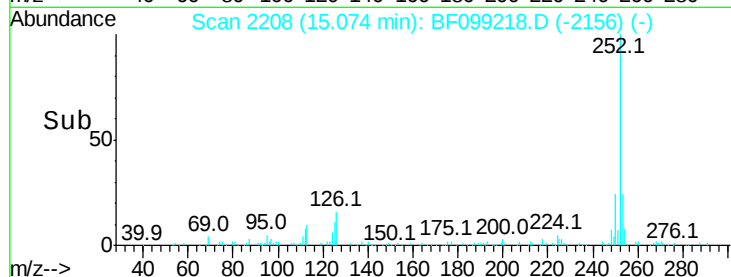
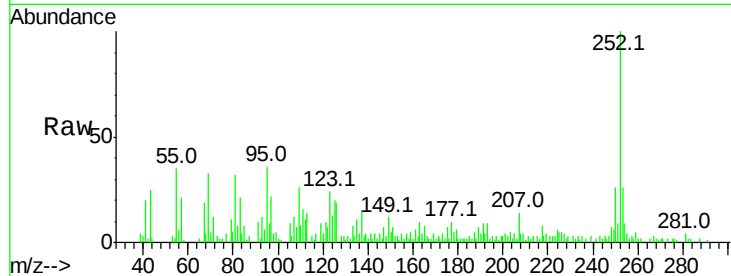
ClientSampleId :

LB-33(0-0.5)

Tot Ion:	252	Resp:	35023
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.0	25.6#
125	20.0	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 2.957 ng/mL

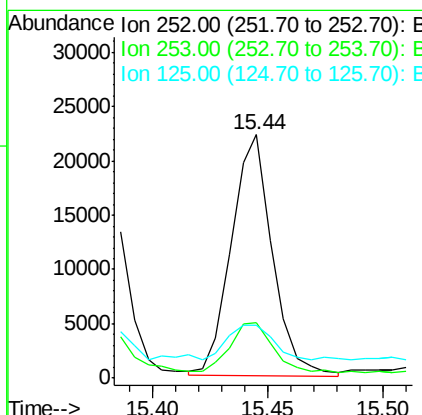
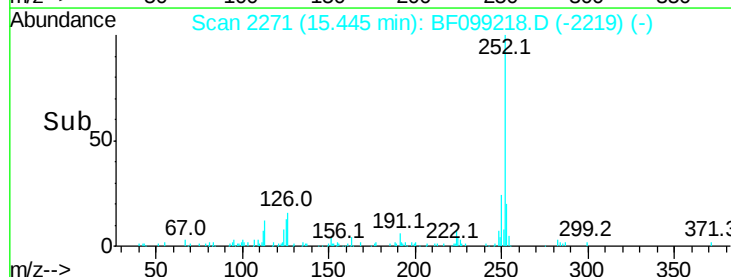
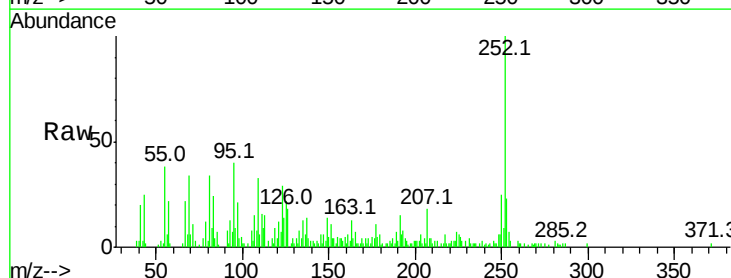
RT: 15.44 min Scan# 2271

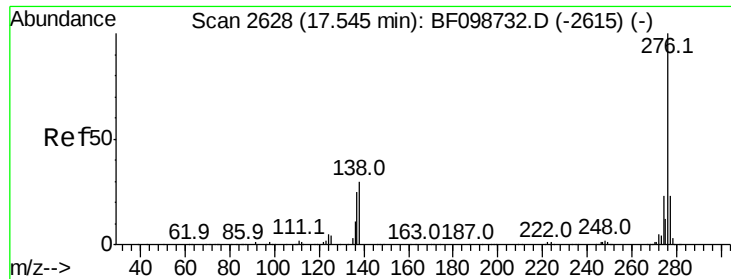
Delta R.T. 0.01 min

Lab File: BF099218.D

Acq: 8 Oct 2017 3:51

Tgt Ion:	252	Resp:	27531
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	22.0	9.8	14.6#





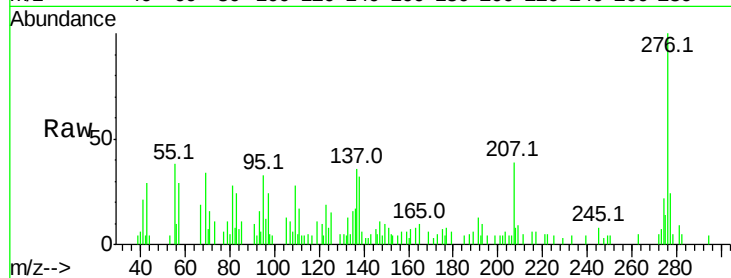
#91
 Benzo(a,h,i)perylene
 Concen: 2.675 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.01 min
 Lab File: BF099218.D
 Acq: 8 Oct 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LB-33(0-0.5)

Tot Ion:	276	Resp:	19700
Ion Ratio	Lower	Upper	
276	100		
277	23.6	17.9	26.9
138	31.6	21.8	32.8

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

