

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099992.D
 Acq On : 31 Oct 2017 6:18
 Operator : SJ/JU
 Sample : I6202-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-2

Manual Integrations
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 10/31/2017 7:41:23 PM

Quant Time: Oct 31 06:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83431	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	337424	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	156224	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	263458	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	168955	20.00	ng	-0.02
86) Perylene-d12	15.46	264	155592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	463232	87.17	ng	0.00
7) Phenol-d6	6.43	99	558616	88.65	ng	-0.01
23) Nitrobenzene-d5	7.36	82	305135	58.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	117231	82.34	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	468828	46.30	ng	-0.02
78) Terphenyl-d14	12.90	244	401275	51.90	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.45	94	34070	4.925	ng	95
49) Dimethylphthalate	9.54	163	139699	11.292	ng	100
70) Phenanthrene	11.34	178	95414	6.417	ng	98
71) Anthracene	11.40	178	53049	3.515	ng	96
74) Fluoranthene	12.54	202	185527	12.007	ng	97
77) Pyrene	12.77	202	184665	14.374	ng	99
80) Benzo(a)anthracene	13.96	228	77770	7.261	ng	97
82) Chrysene	14.00	228	69781	6.930	ng	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	41706	4.694	ng	98
85) Indeno(1,2,3-cd)pyrene	16.96	276	29510	3.192	ng	94
87) Benzo(b)fluoranthene	15.03	252	69431m	7.067	ng	
88) Benzo(k)fluoranthene	15.06	252	27251m	2.941	ng	
89) Benzo(a)pyrene	15.40	252	62656	7.099	ng	# 94
91) Benzo(a,h,i)perylene	17.40	276	30882	4.025	ng	# 91

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

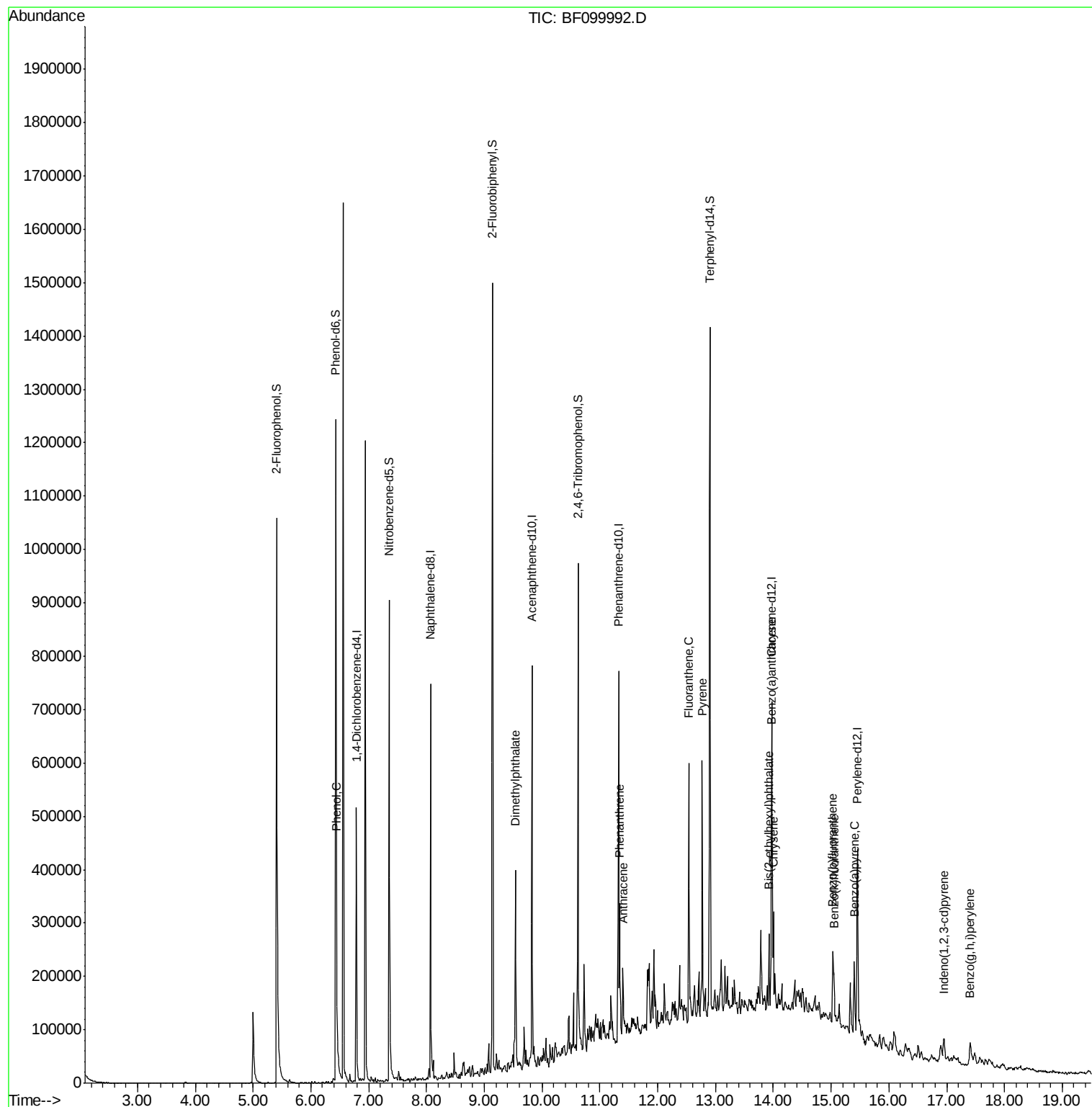
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099992.D
Acq On : 31 Oct 2017 6:18
Operator : SJ/JU
Sample : I6202-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

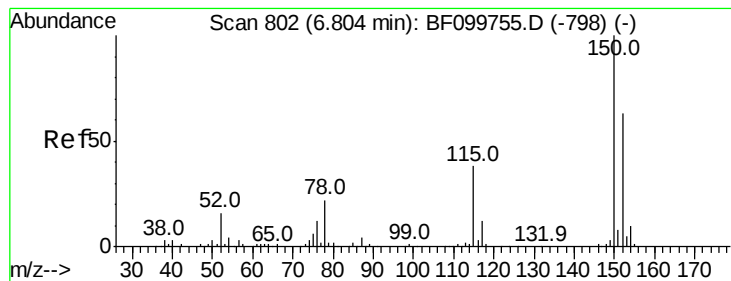
Instrument :
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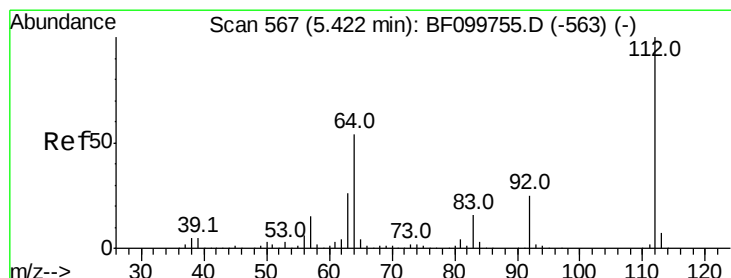
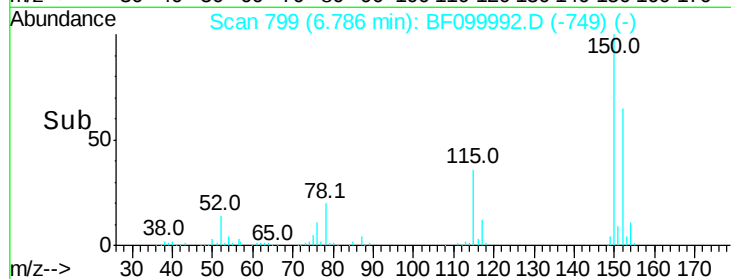
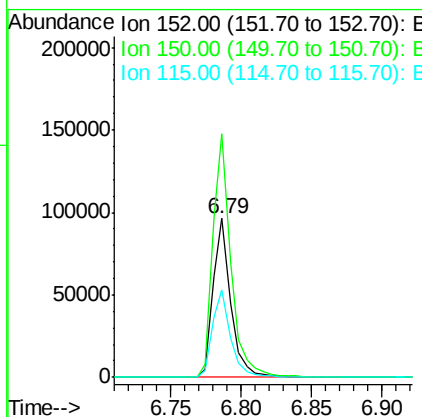
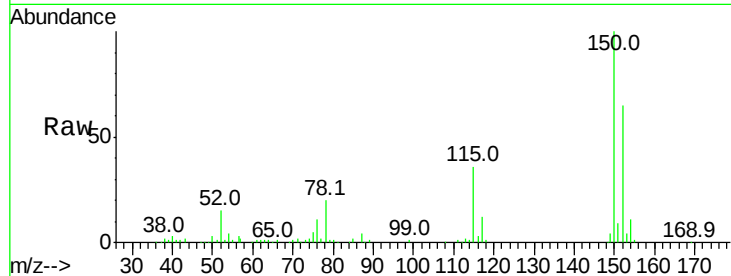
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099992.D
 Acq: 31 Oct 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	54.9	50.1	75.1

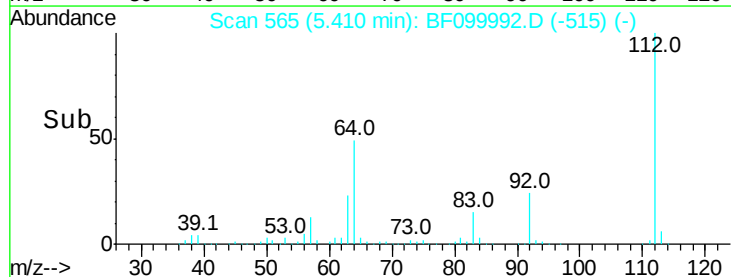
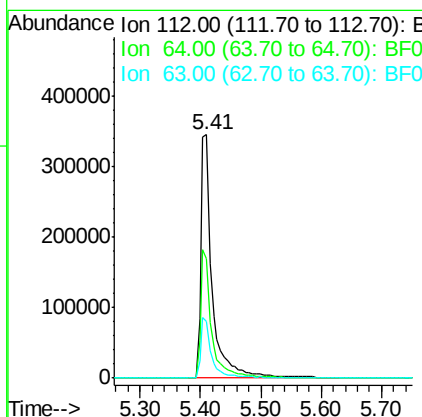
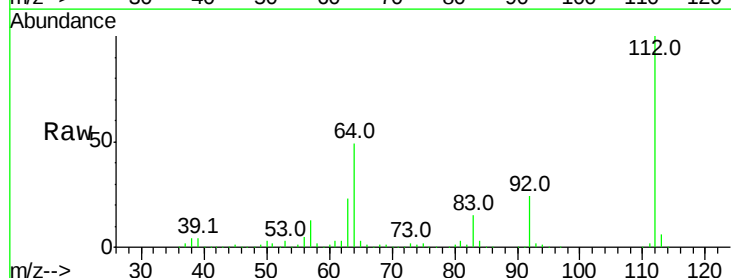
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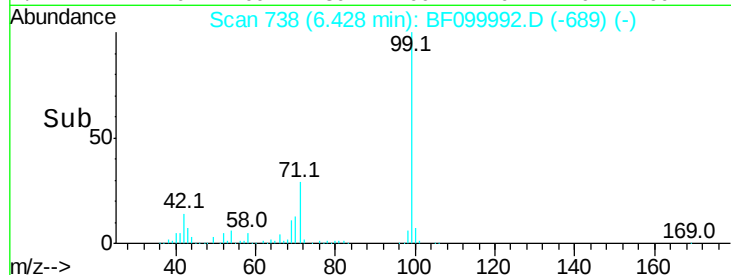
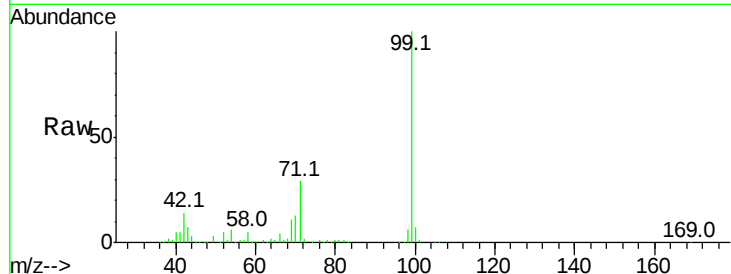
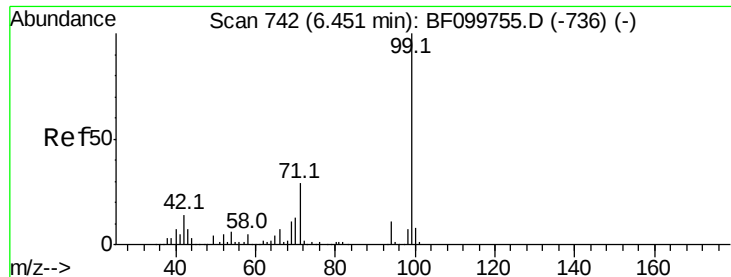
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#5
 2-Fluorophenol
 Concen: 87.169 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099992.D
 Acq: 31 Oct 2017 6:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	47.9	71.9
63	23.3	23.7	35.5#





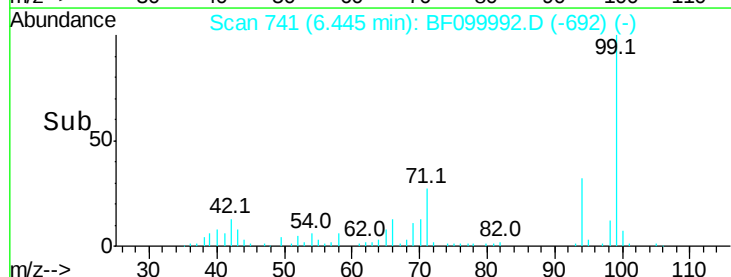
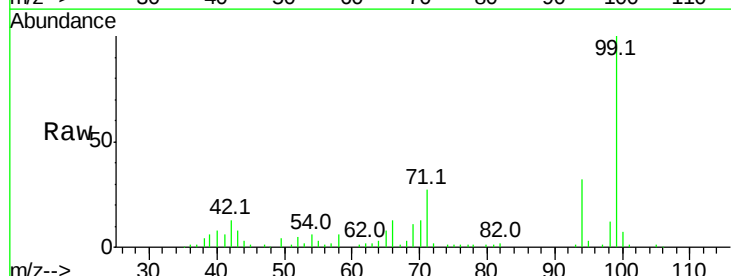
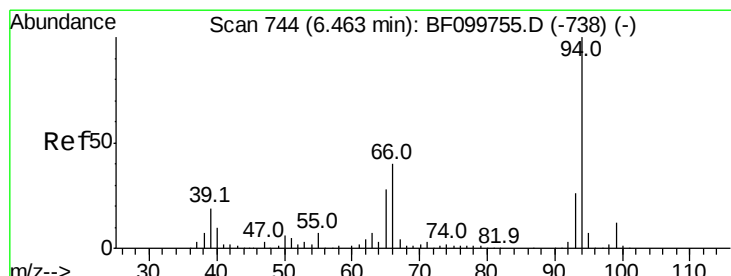
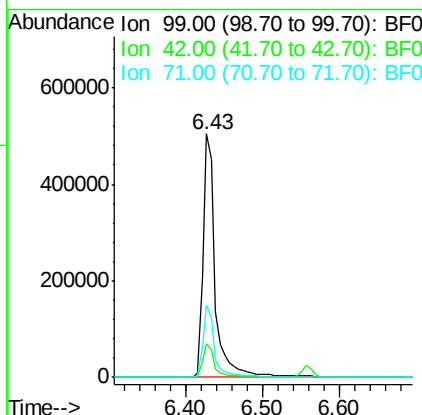
#7
Phenol-d6
Concen: 88.653 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		558616		
42	13.7	14.5	21.7#		
71	29.4	25.4	38.0		

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-2

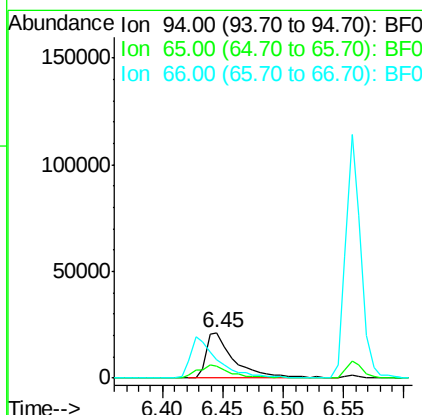
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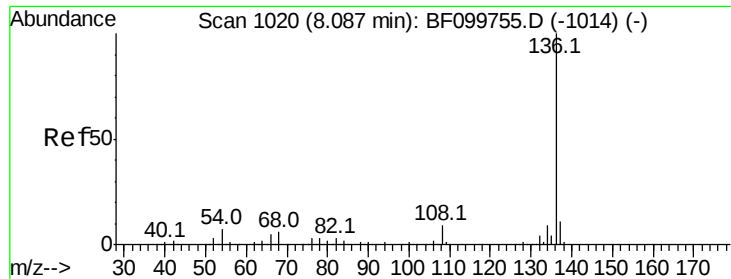
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#10
Phenol
Concen: 4.925 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		34070		
65	25.4	7.9	47.9		
66	39.7	16.2	56.2		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099992.D

Acq: 31 Oct 2017 6:18

Instrument :

BNA_F

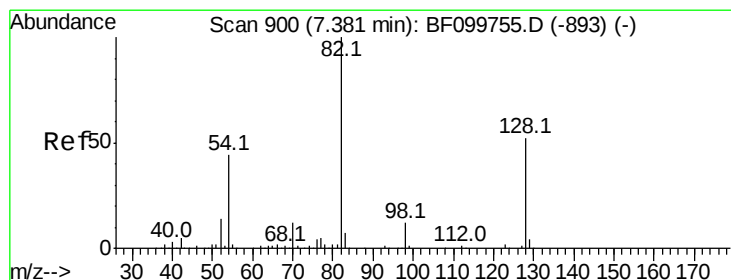
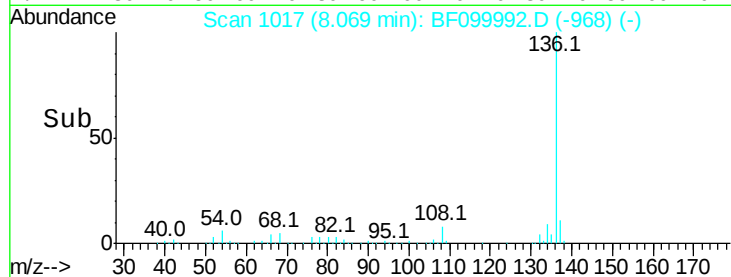
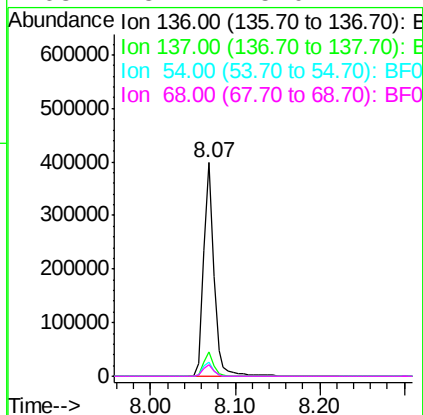
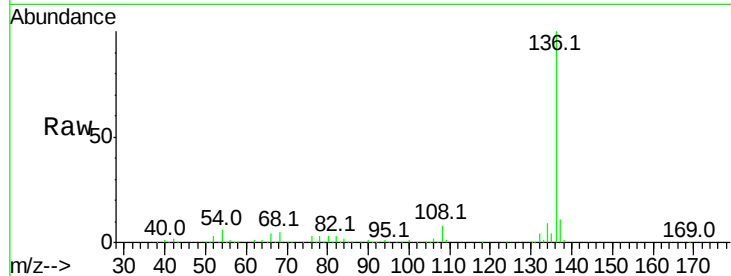
ClientSampleId :

ROLL-OFF-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3		8.9	13.3	
54	6.4		6.6	9.8	
68	5.4		5.0	7.4	

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#23

Nitrobenzene-d5

Concen: 58.220 ng

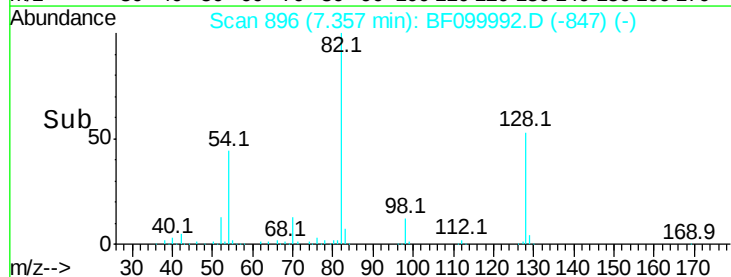
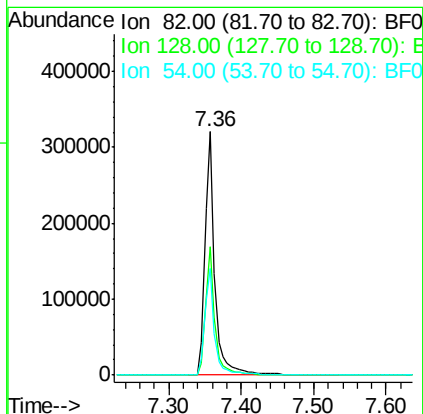
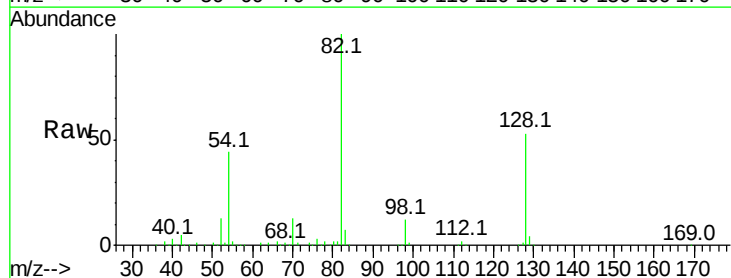
RT: 7.36 min Scan# 896

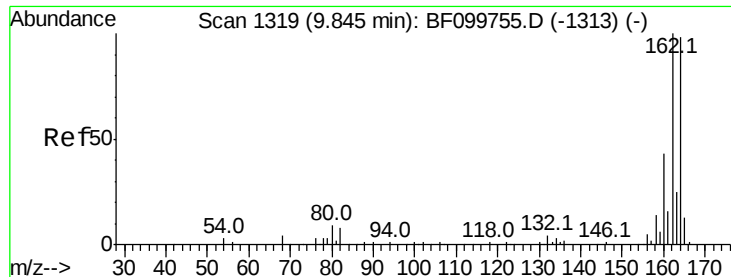
Delta R.T. -0.01 min

Lab File: BF099992.D

Acq: 31 Oct 2017 6:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	52.5		36.1	54.1	
54	43.8		41.4	62.2	





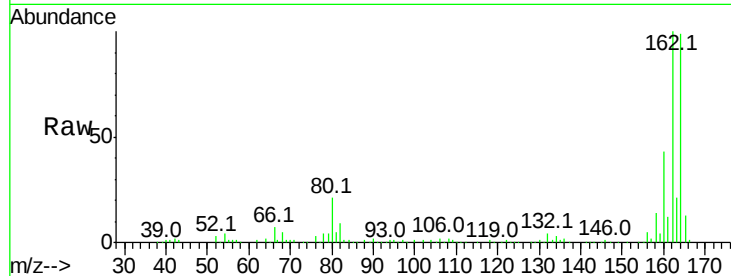
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Instrument :
BNA_F
ClientSampled :
ROLL-OFF-2

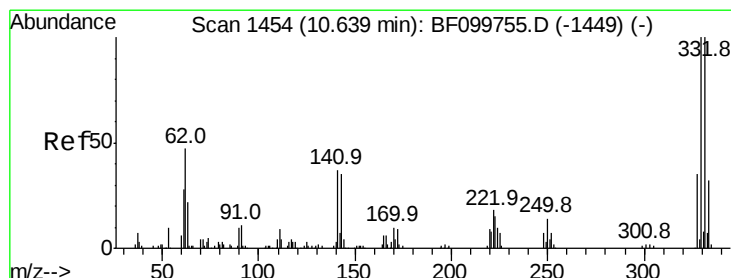
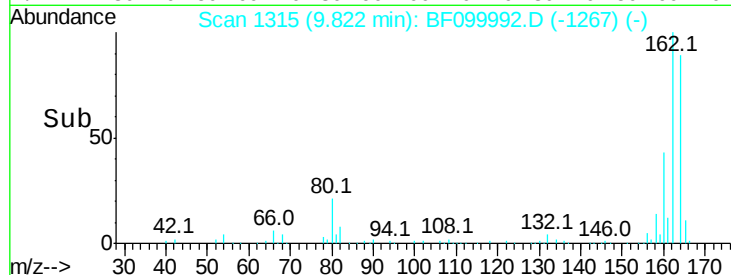
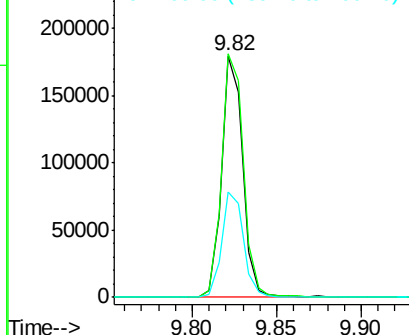
Tot Ion	Ratio	Resp	Lower	Upper
164	100	156224		
162	101.0	86.1	129.1	
160	43.5	38.3	57.5	

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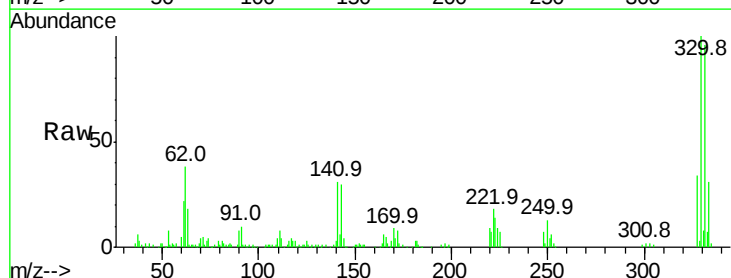


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

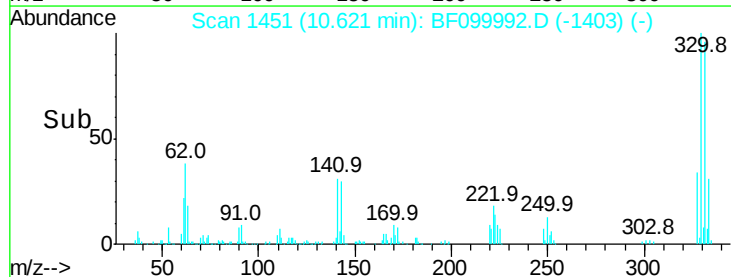
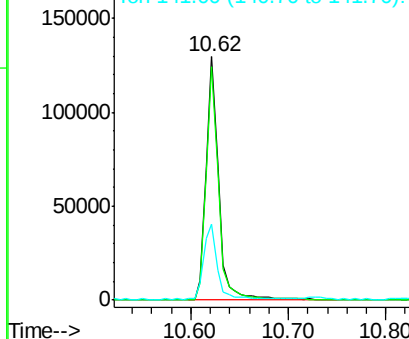


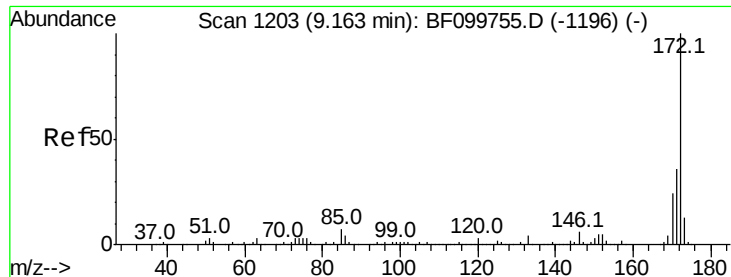
#41
2,4,6-Tribromophenol
Concen: 82.343 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	117231		
332	95.8	77.0	115.6	
141	33.0	29.9	44.9	



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





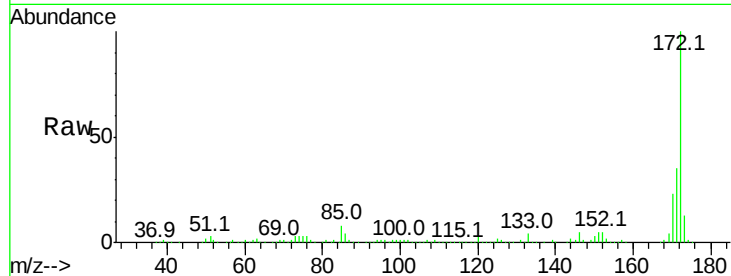
#44
2-Fluorobiphenyl
Concen: 46.301 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-2

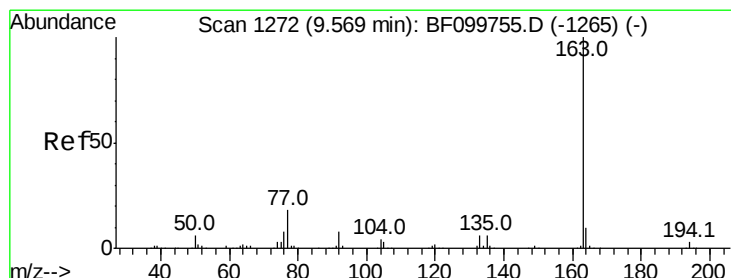
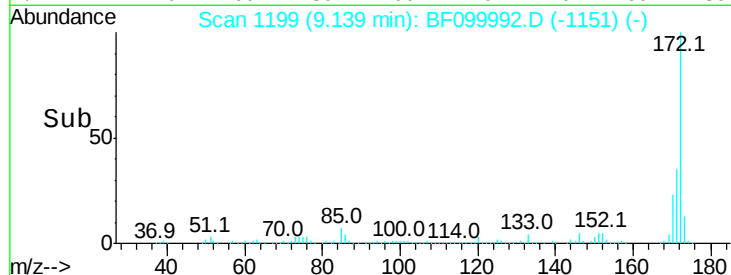
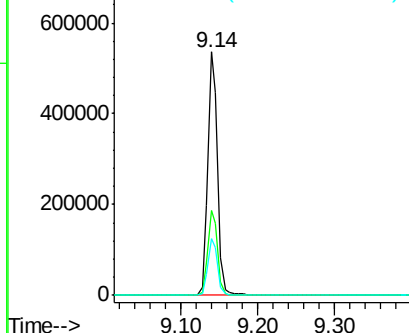
Tot Ion	Ratio	Resp	Lower	Upper
172	100	468828		
171	35.0		29.7	44.5
170	23.4		19.6	29.4

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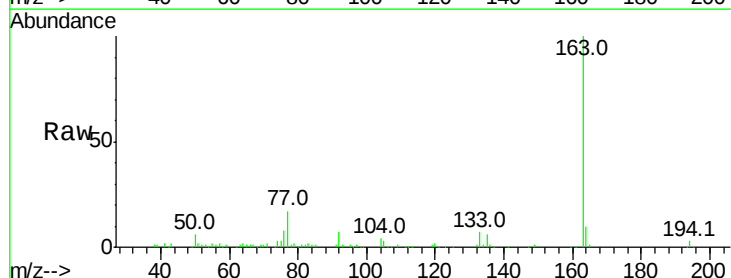


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

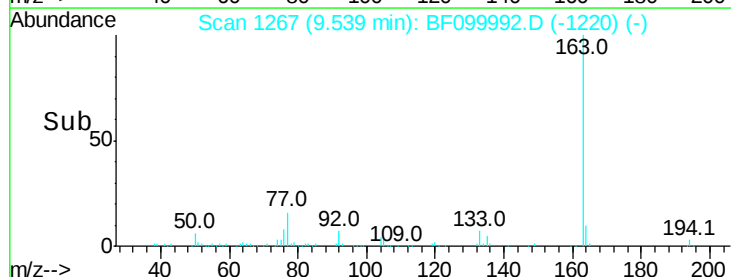
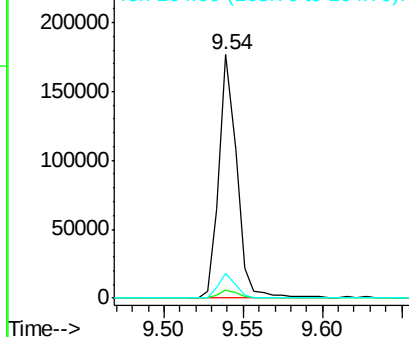


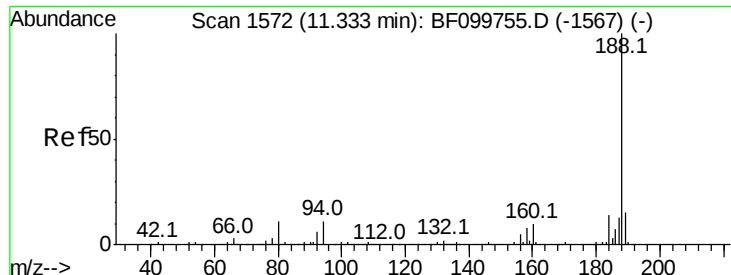
#49
Dimethylphthalate
Concen: 11.292 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	139699		
194	3.5		2.7	4.1
164	10.0		8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





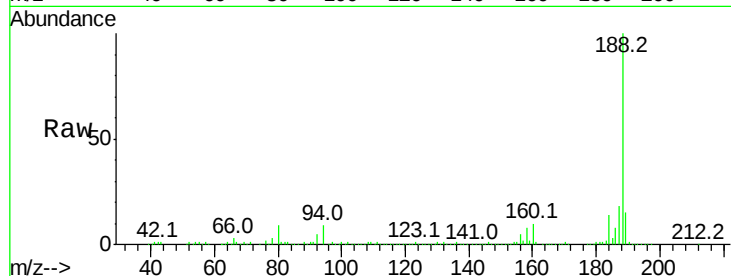
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Instrument :
BNA_F
ClientSampled :
ROLL-OFF-2

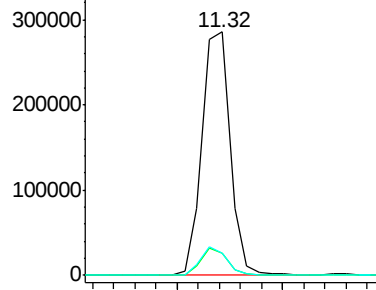
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.3	9.2	13.8

Manual Integrations
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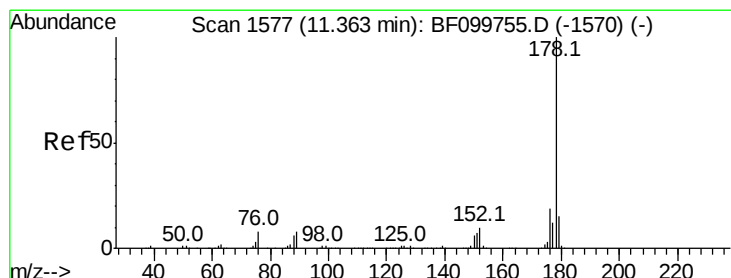
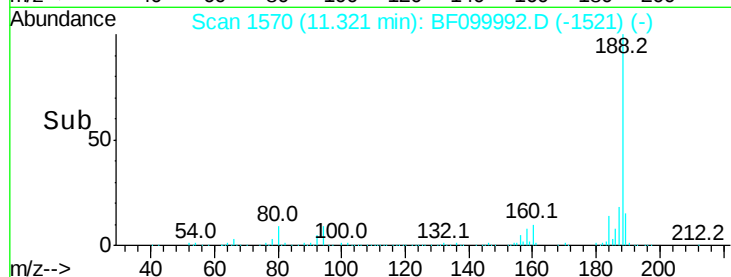
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



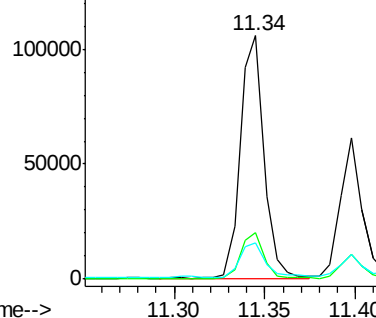
Time-->



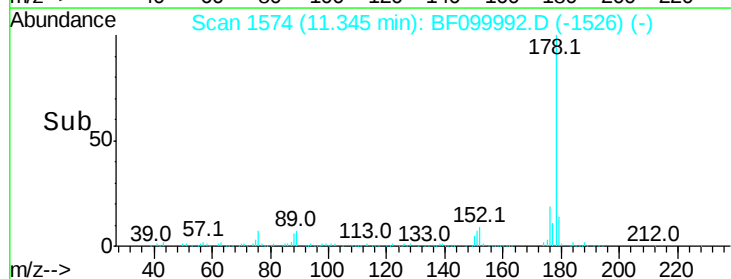
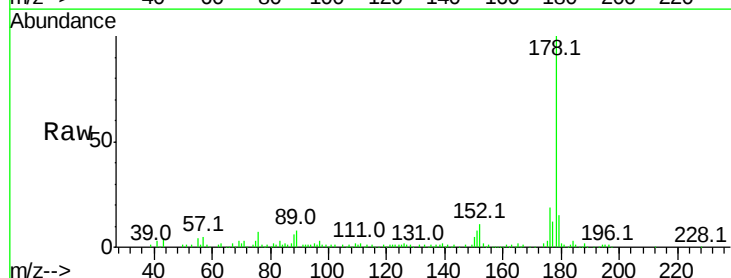
#70
Phenanthrene
Concen: 6.417 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

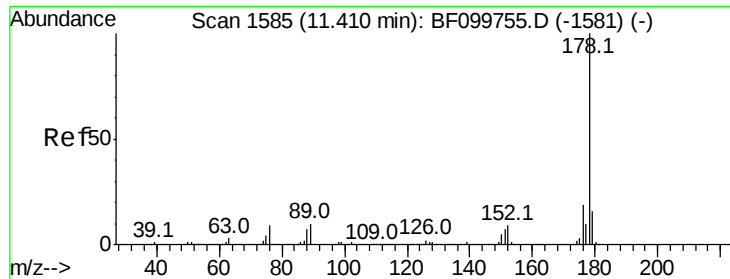
Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.9	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





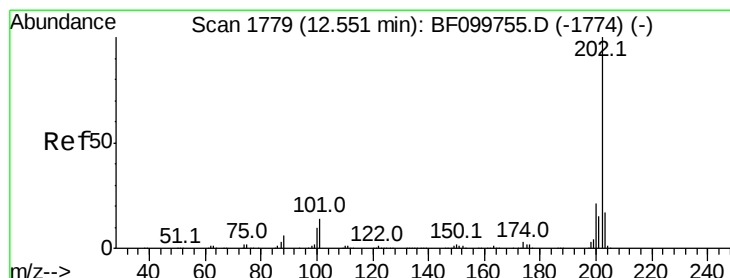
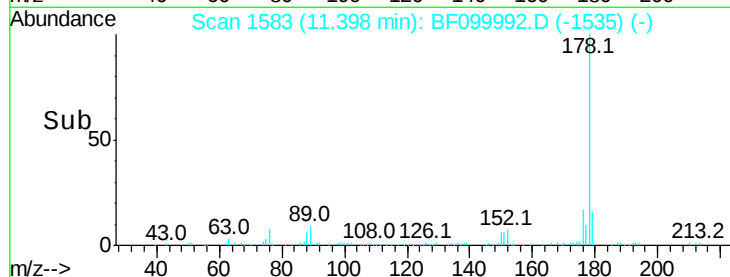
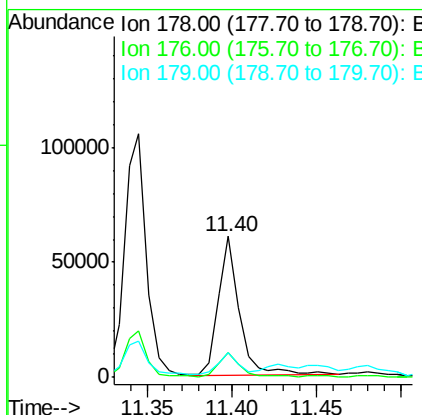
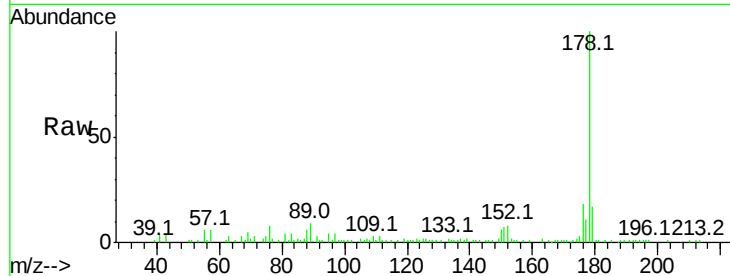
#71
 Anthracene
 Concen: 3.515 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BF099992.D
 Acq: 31 Oct 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	17.4	12.6	19.0

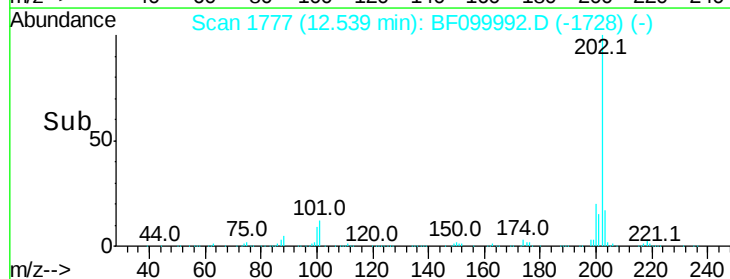
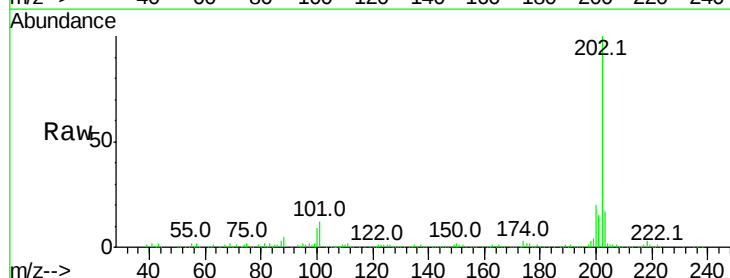
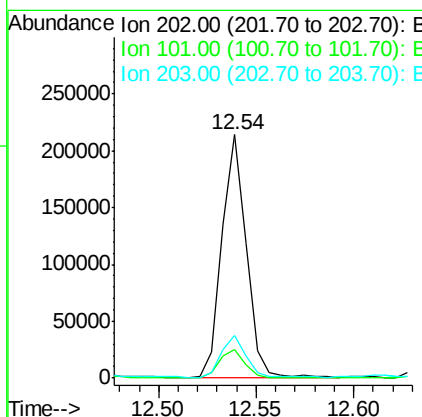
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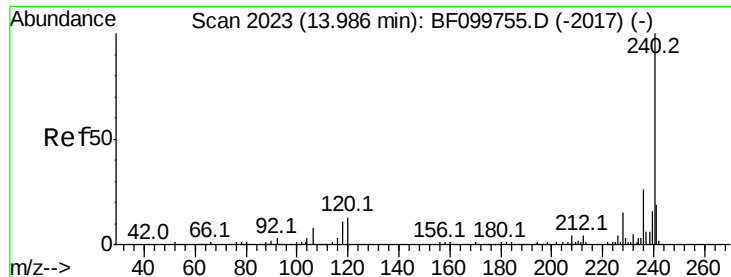
Sohil
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#74
 Fluoranthene
 Concen: 12.007 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF099992.D
 Acq: 31 Oct 2017 6:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF099992.D

Acq: 31 Oct 2017 6:18

Instrument :

BNA_F

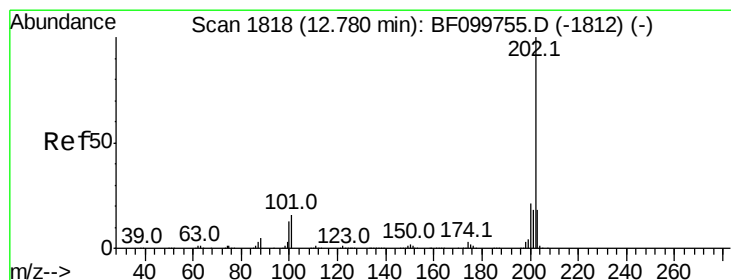
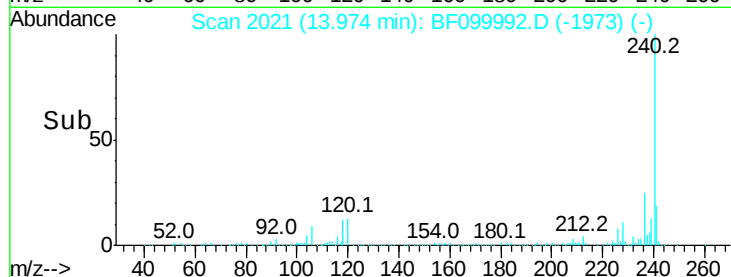
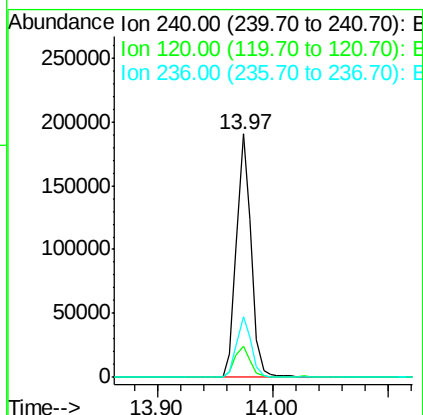
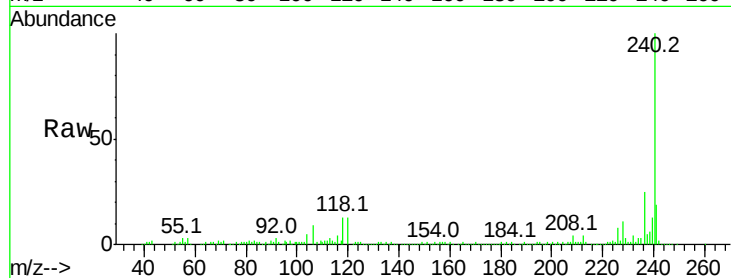
ClientSampled :

ROLL-OFF-2

Tot Ion:	240	Resp:	168955
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	24.7	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 14.374 ng

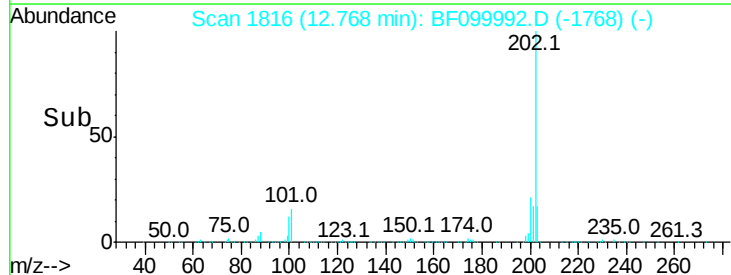
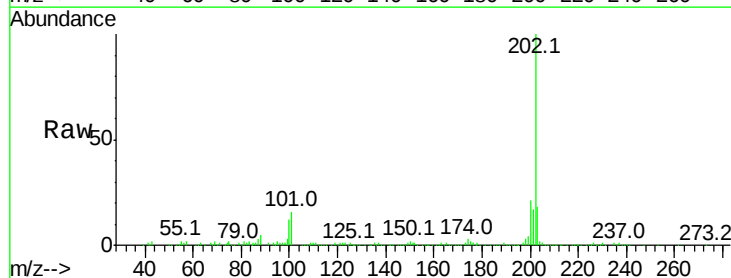
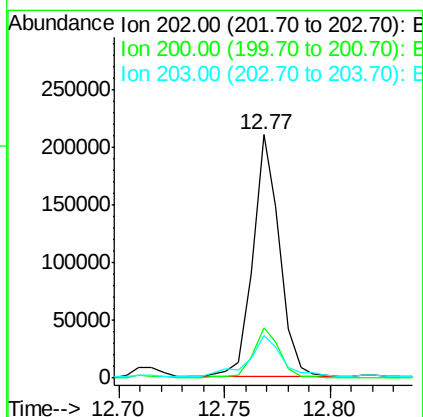
RT: 12.77 min Scan# 1816

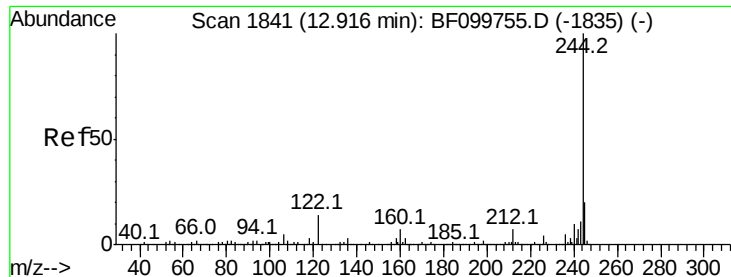
Delta R.T. -0.02 min

Lab File: BF099992.D

Acq: 31 Oct 2017 6:18

Tgt Ion:	202	Resp:	184665
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.8	14.3	21.5





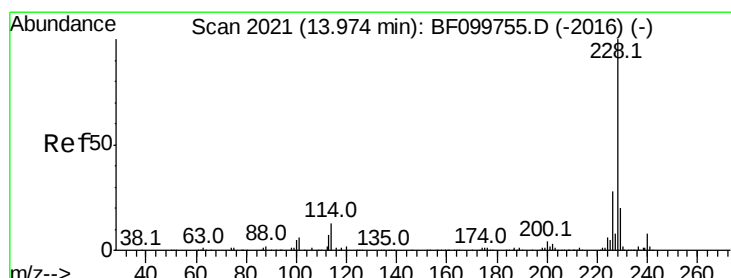
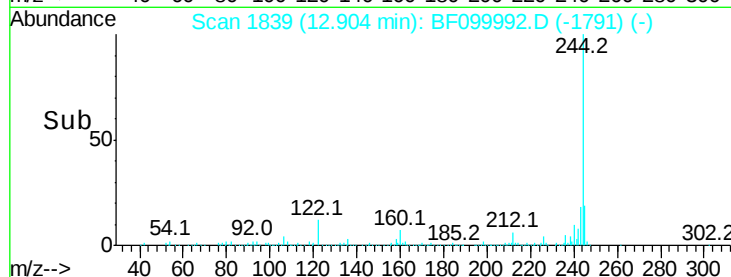
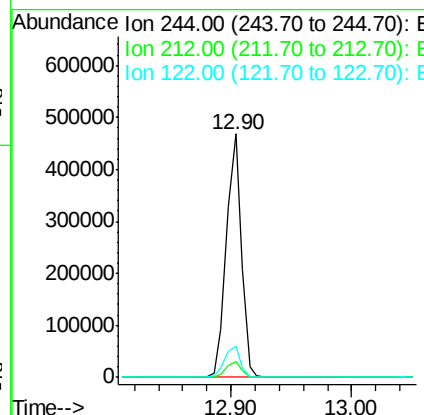
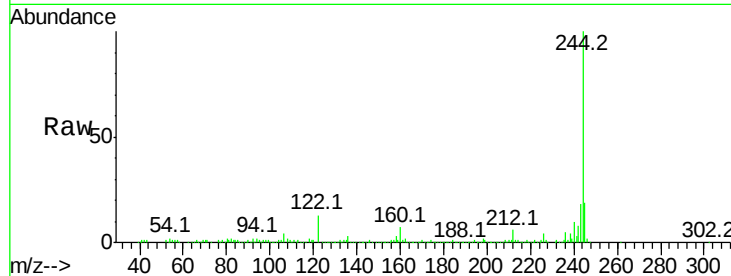
#78
 Terphenyl-d14
 Concen: 51.903 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BF099992.D
 Acq: 31 Oct 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	12.5	11.0	16.4

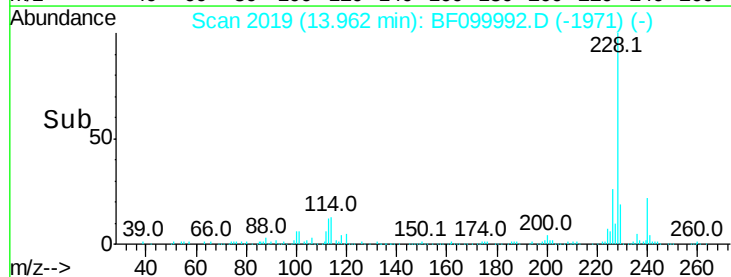
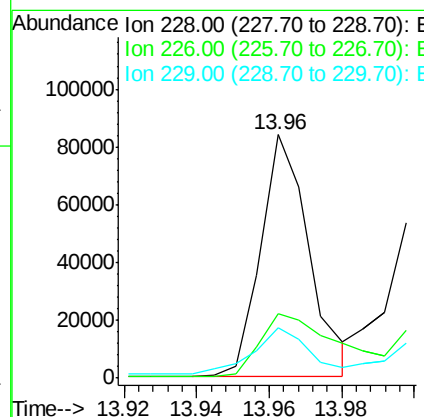
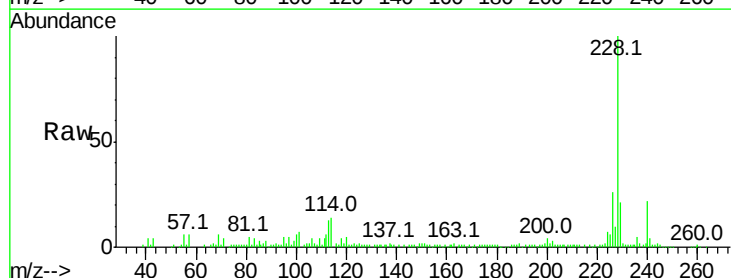
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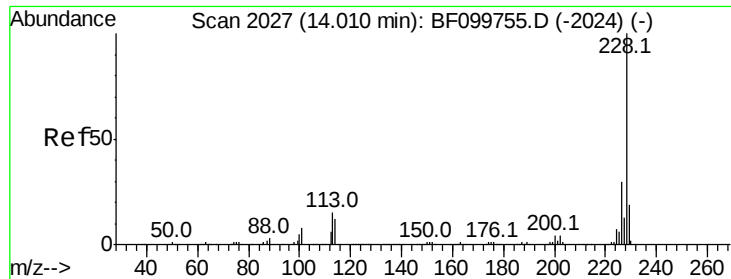
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#80
 Benzo(a)anthracene
 Concen: 7.261 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF099992.D
 Acq: 31 Oct 2017 6:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	20.7	15.8	23.6





#82

Chrysene

Concen: 6.930 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF099992.D

Acq: 31 Oct 2017 6:18

Instrument :

BNA_F

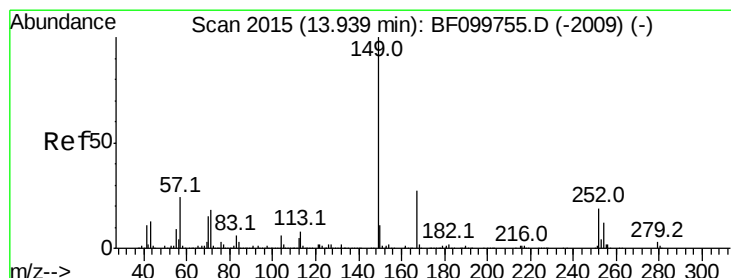
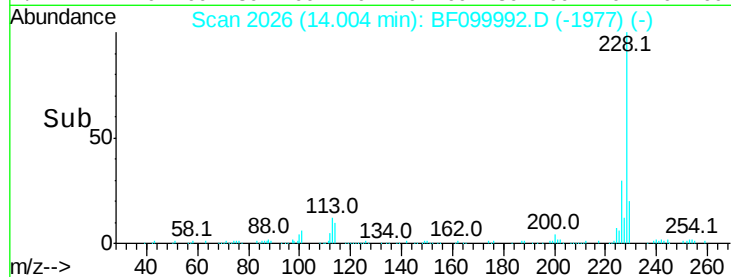
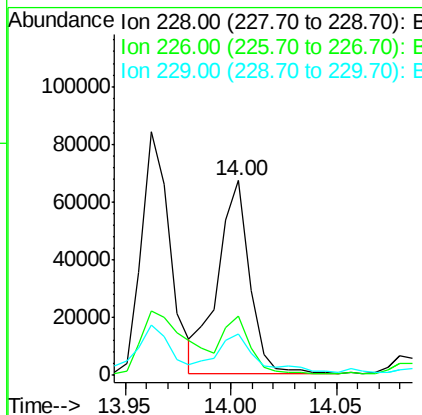
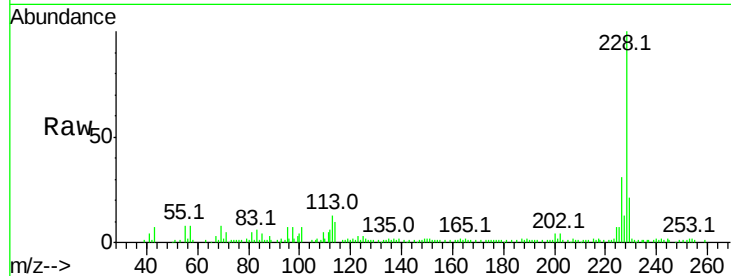
ClientSampleId :

ROLL-OFF-2

Tot Ion:	228	Resp:	69781
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	21.4	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 4.694 ng

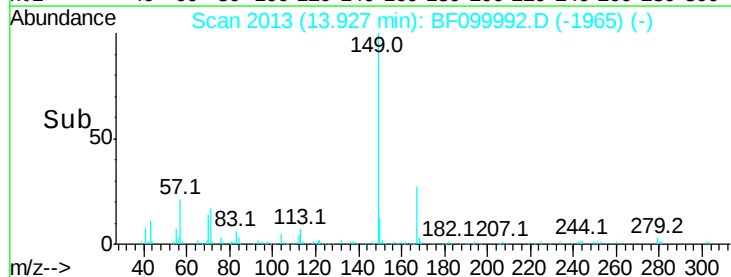
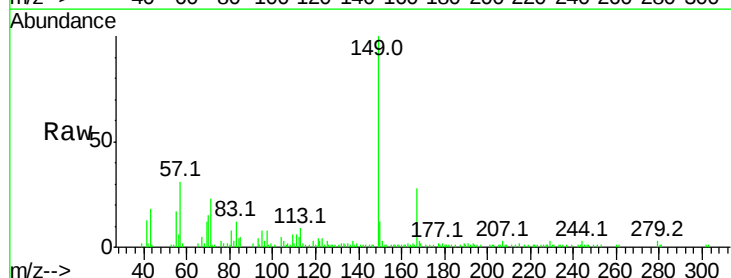
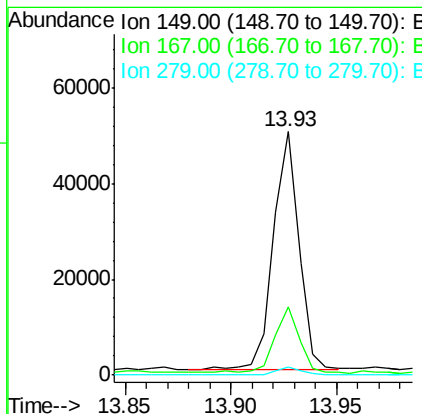
RT: 13.93 min Scan# 2013

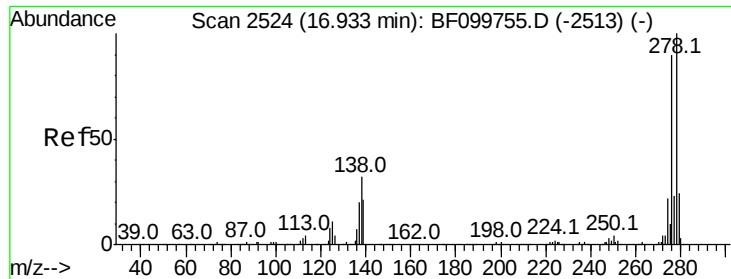
Delta R.T. -0.02 min

Lab File: BF099992.D

Acq: 31 Oct 2017 6:18

Tgt Ion:	149	Resp:	41706
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.3	31.9
279	3.2	3.0	4.4





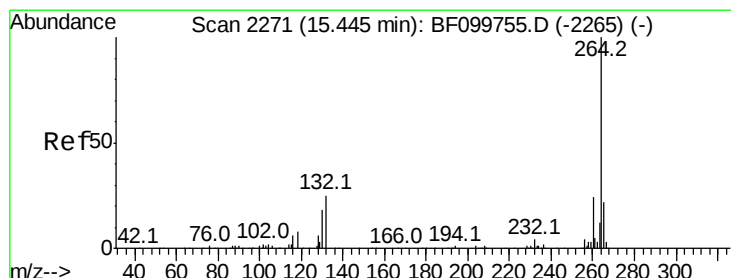
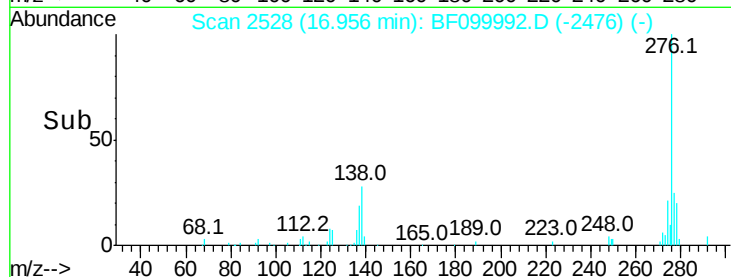
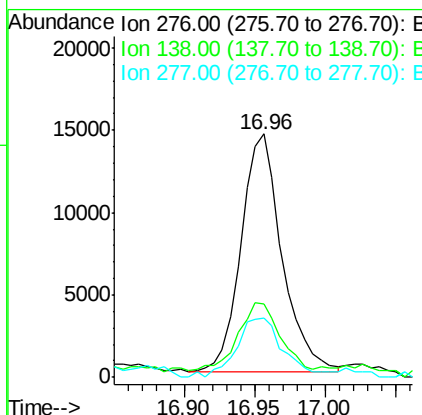
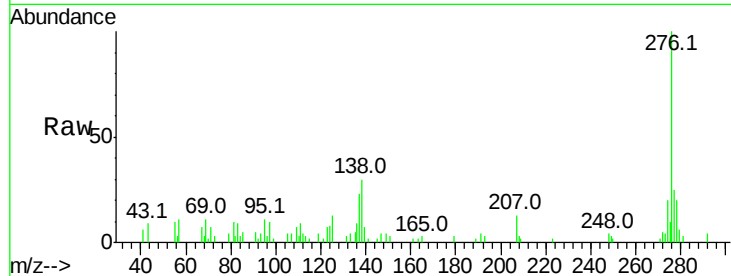
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.192 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	28.7	20.1	30.1

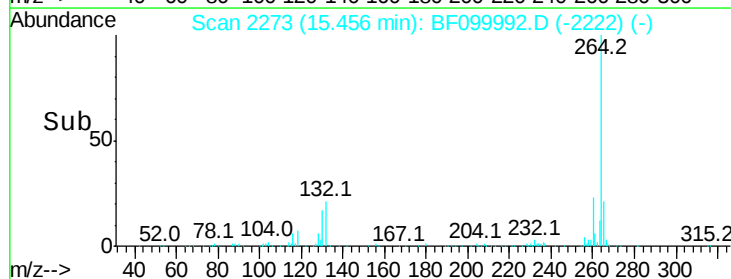
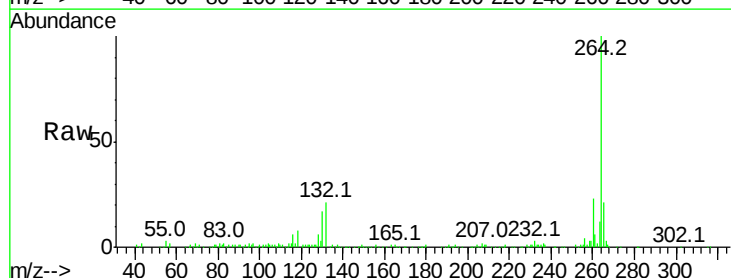
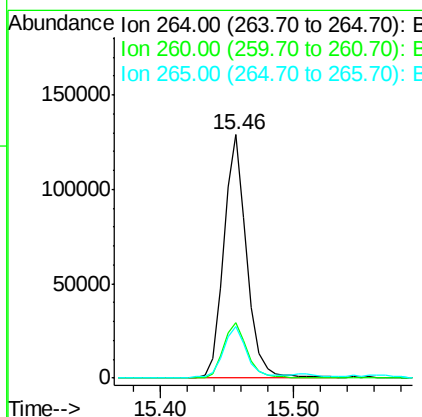
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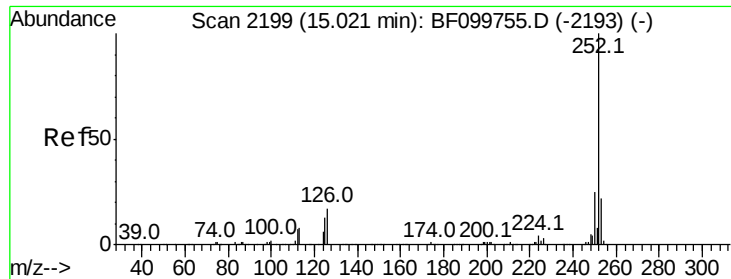
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.067 ng m

RT: 15.03 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF099992.D

Acq: 31 Oct 2017 6:18

Instrument :

BNA_F

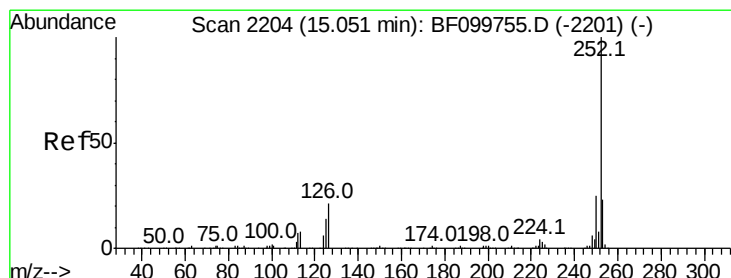
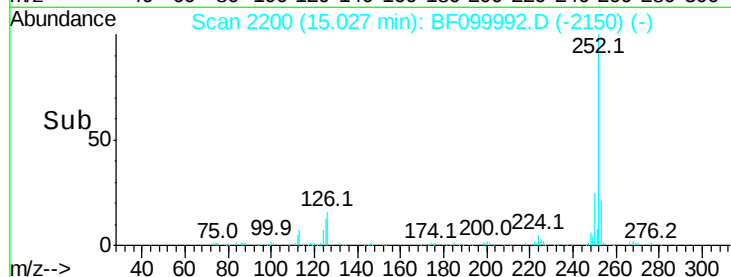
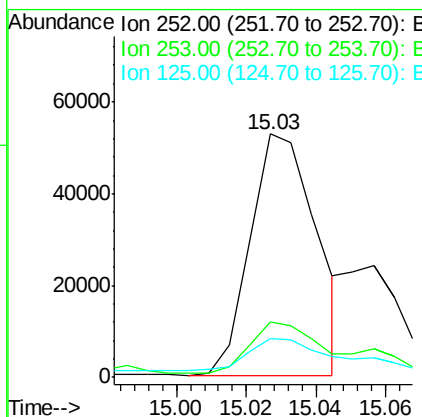
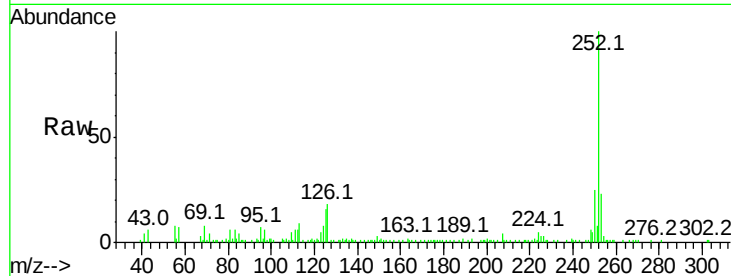
ClientSampleId :

ROLL-OFF-2

Tot Ion:	252	Resp:	69431
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	15.9	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 2.941 ng m

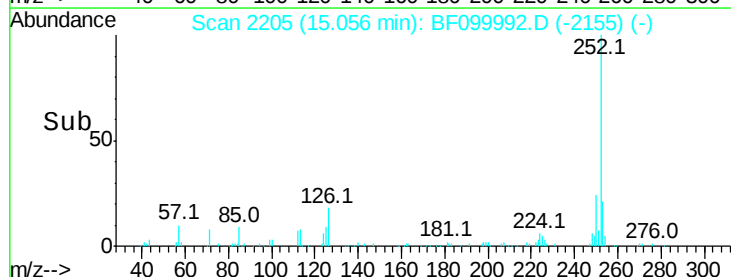
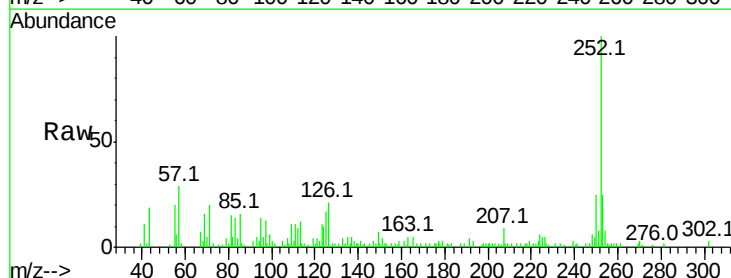
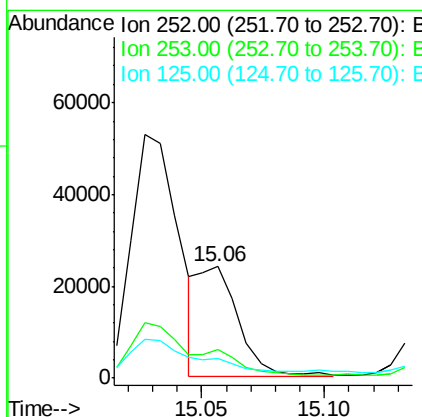
RT: 15.06 min Scan# 2205

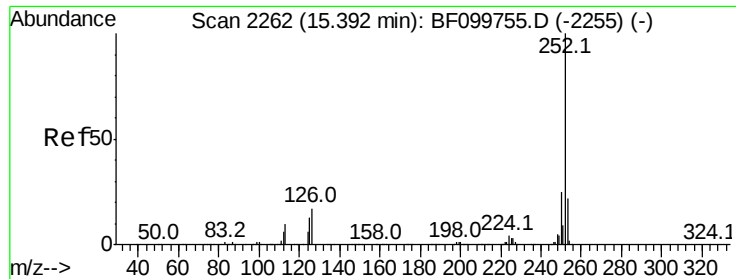
Delta R.T. -0.01 min

Lab File: BF099992.D

Acq: 31 Oct 2017 6:18

Tgt Ion:	252	Resp:	27251
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.9	26.9
125	17.1	10.2	15.2#





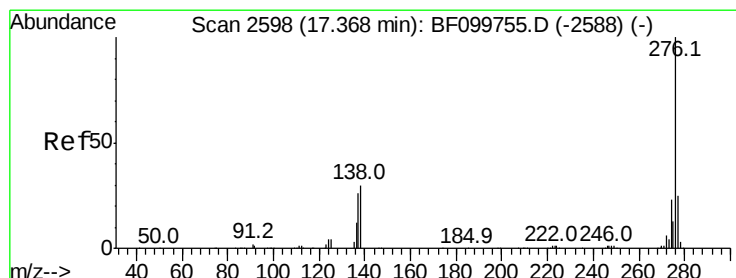
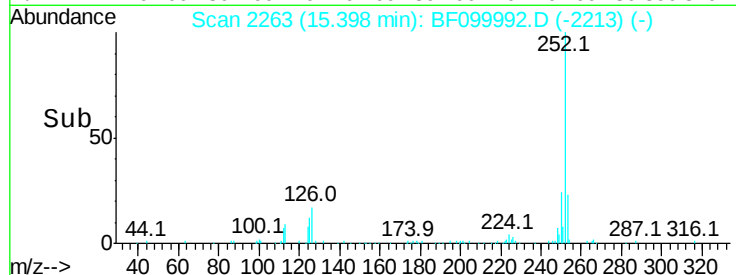
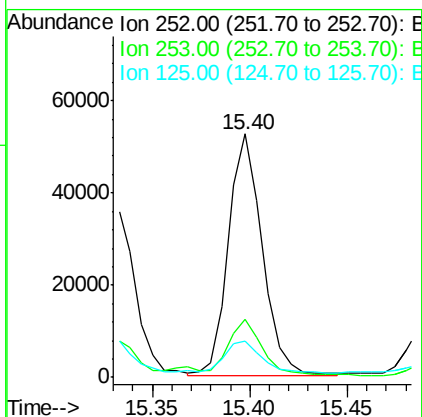
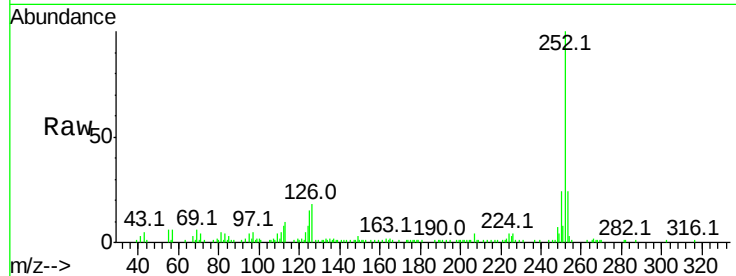
#89
Benzo(a)pyrene
Concen: 7.099 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	17.1	25.7
125	15.1	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.025 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF099992.D
Acq: 31 Oct 2017 6:18

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	28.2	17.9	26.9
138	30.9	21.8	32.8

