

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103050.D
 Acq On : 16 Feb 2018 14:19
 Operator : SJ/JU
 Sample : J1402-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-021418-C

Manual Integrations
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Quant Time: Feb 16 16:32:05 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171893	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	704297	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	285743	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	417465	20.00	ng	0.00
75) Chrysene-d12	14.05	240	308544	20.00	ng	0.00
86) Perylene-d12	15.54	264	249084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	906608	80.10	ng	0.00
7) Phenol-d6	6.50	99	1066915	78.29	ng	0.00
23) Nitrobenzene-d5	7.44	82	632855	62.33	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	163193	70.96	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	811059	47.10	ng	0.00
78) Terphenyl-d14	12.99	244	557718	42.80	ng	0.00
Target Compounds						
10) Phenol	6.52	94	31007	2.123	ng	Qvalue 86
49) Dimethylphthalate	9.62	163	81987	3.680	ng	99
70) Phenanthrene	11.43	178	186116	8.005	ng	99
74) Fluoranthene	12.62	202	216701	9.264	ng	97
77) Pyrene	12.85	202	184711	7.634	ng	99
80) Benzo(a)anthracene	14.04	228	77541	3.996	ng	99
82) Chrysene	14.07	228	85063	4.349	ng	93
83) Bis(2-ethylhexyl)phthalate	14.02	149	45394	3.063	ng	95
87) Benzo(b)fluoranthene	15.10	252	85827m	5.315	ng	
88) Benzo(k)fluoranthene	15.13	252	31133m	2.018	ng	
89) Benzo(a)pyrene	15.48	252	51548	3.546	ng	# 81
91) Benzo(g,h,i)perylene	17.51	276	28941	2.506	ng	# 92

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

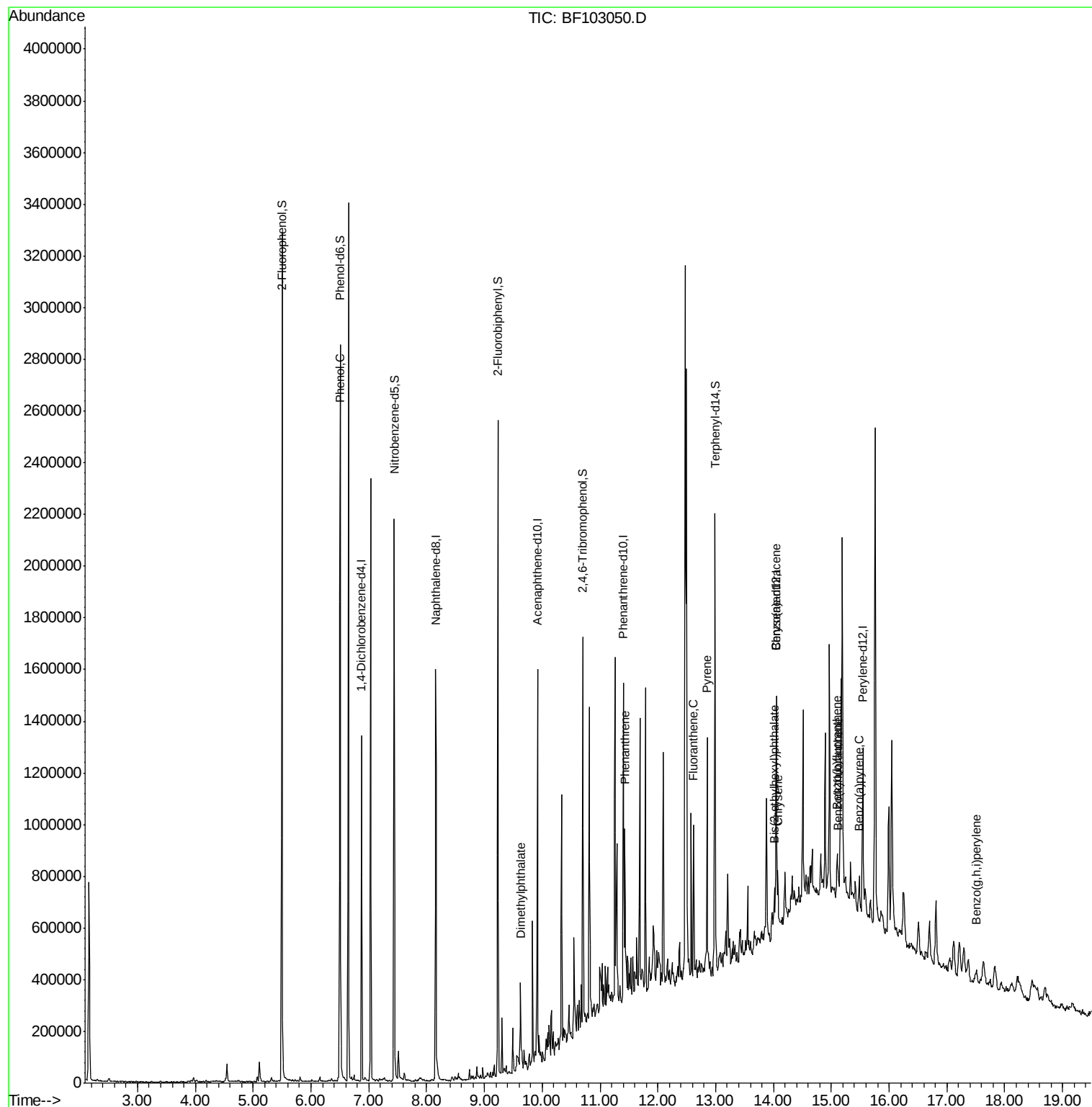
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103050.D
Acq On : 16 Feb 2018 14:19
Operator : SJ/JU
Sample : J1402-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

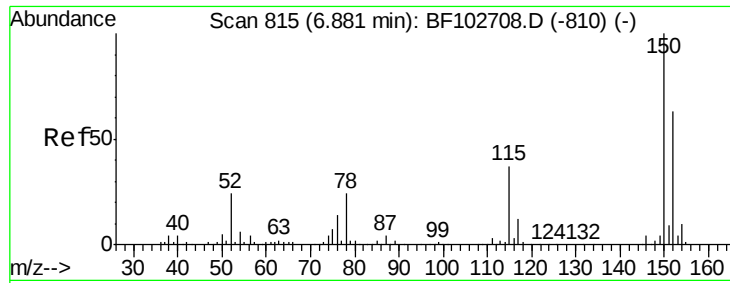
Instrument :
BNA_F
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PL-01-021418-C

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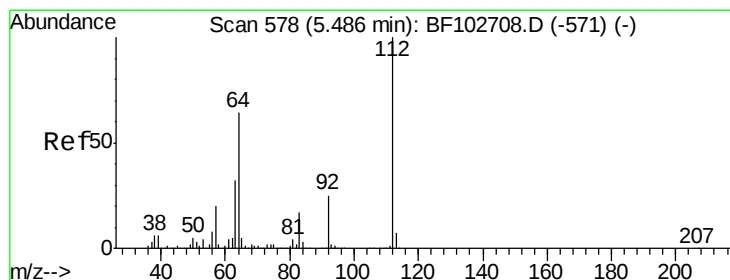
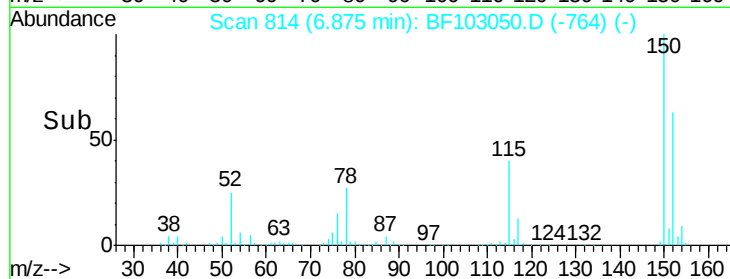
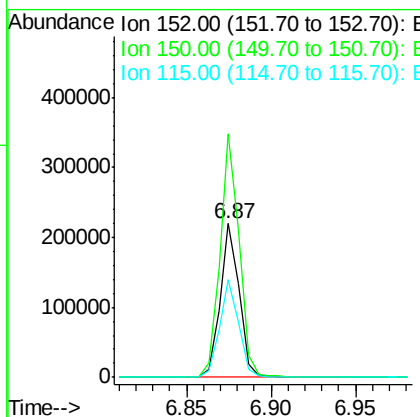
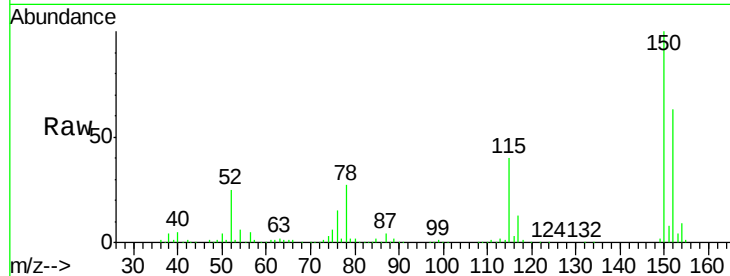
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103050.D
 Acq: 16 Feb 2018 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-021418-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	63.4	50.1	75.1

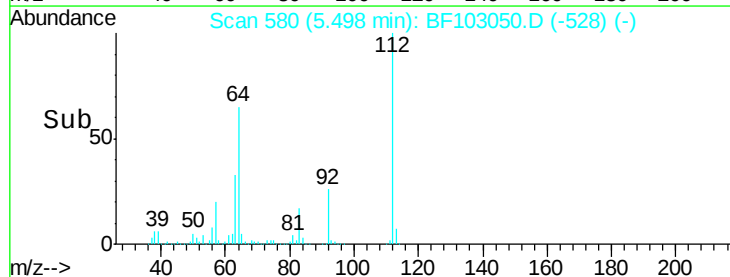
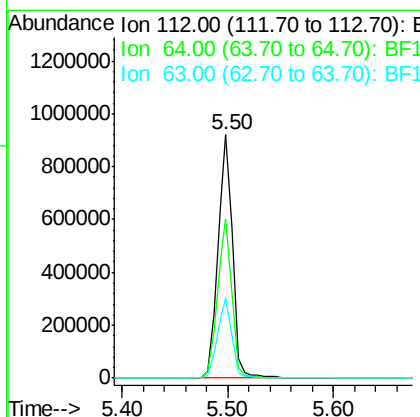
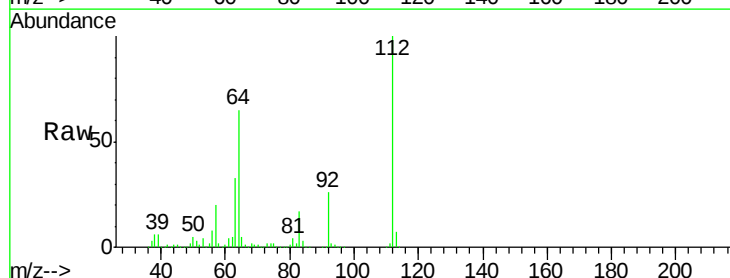
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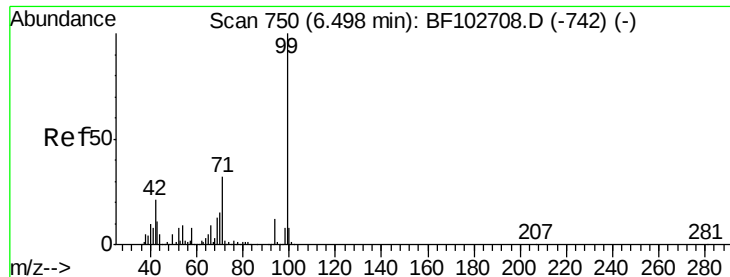
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#5
 2-Fluorophenol
 Concen: 80.098 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF103050.D
 Acq: 16 Feb 2018 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.0	23.7	35.5





#7

Phenol-d6

Concen: 78.286 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103050.D

Acq: 16 Feb 2018 14:19

Instrument :

BNA_F

ClientSampleId :

PL-01-021418-C

Tgt Ion: 99 Resp: 1066915

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

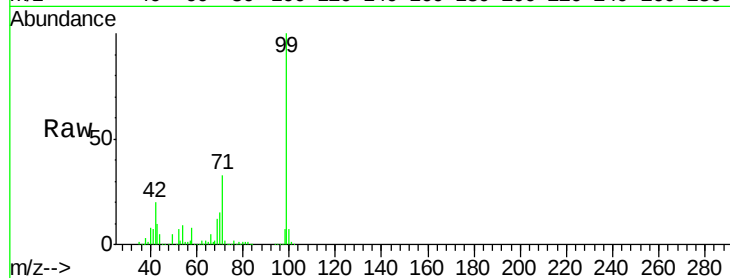
71 32.6 25.4 38.0

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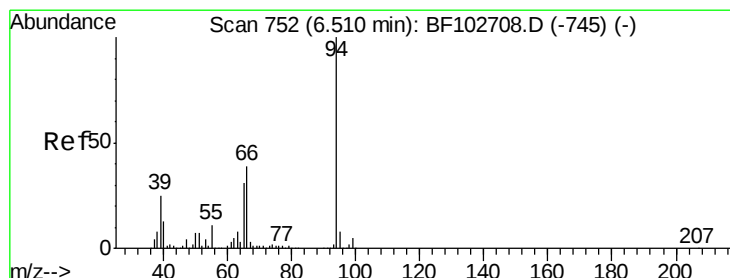
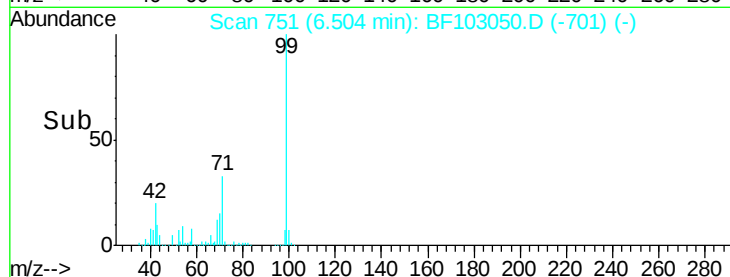
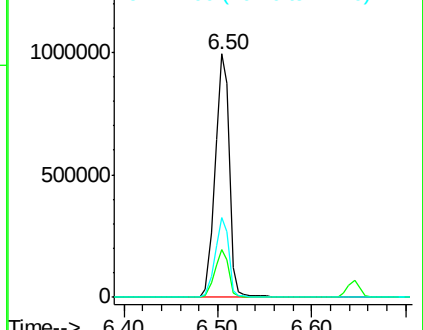
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.123 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103050.D

Acq: 16 Feb 2018 14:19

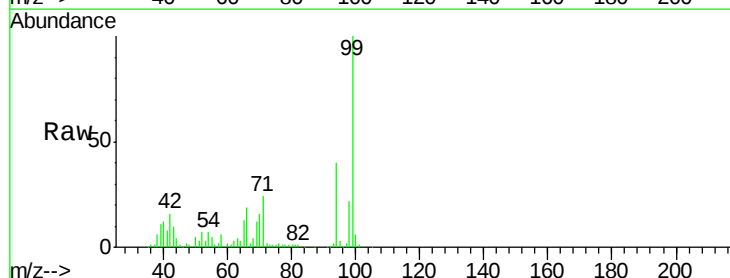
Tgt Ion: 94 Resp: 31007

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

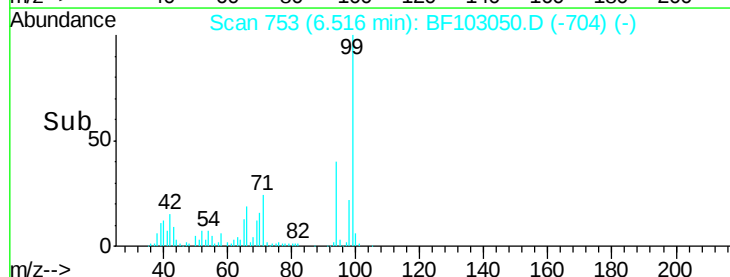
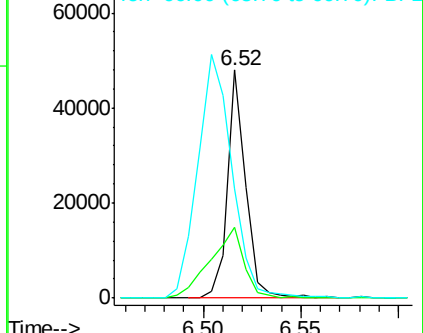
66 48.2 16.2 56.2

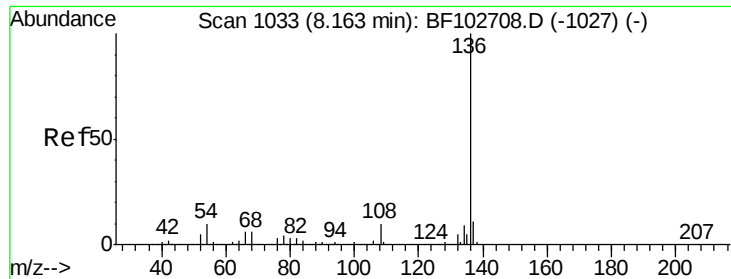


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





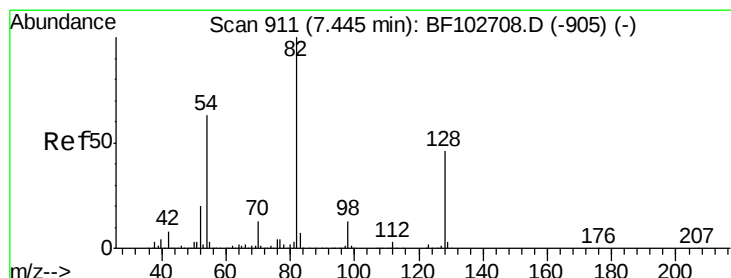
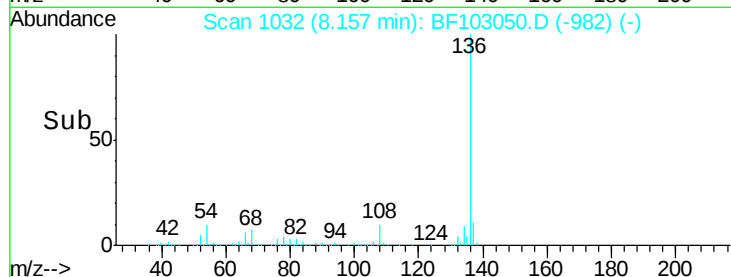
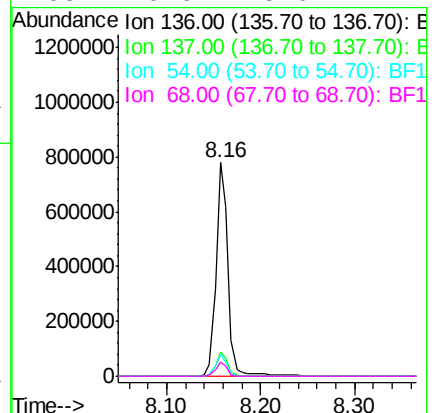
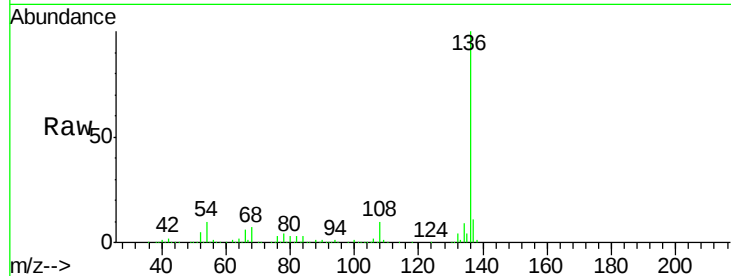
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103050.D
Acq: 16 Feb 2018 14:19

Instrument :
BNA_F
ClientSampleId :
PL-01-021418-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	8.9	13.3
54	10.2	6.6	9.8
68	6.6	5.0	7.4

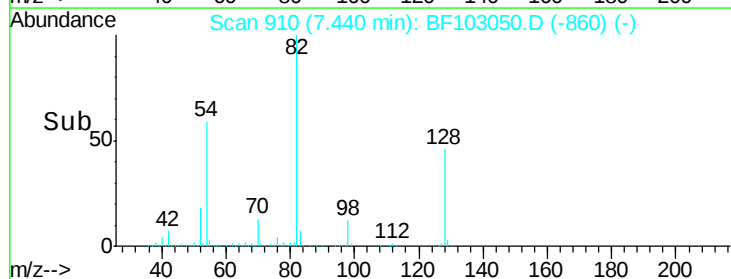
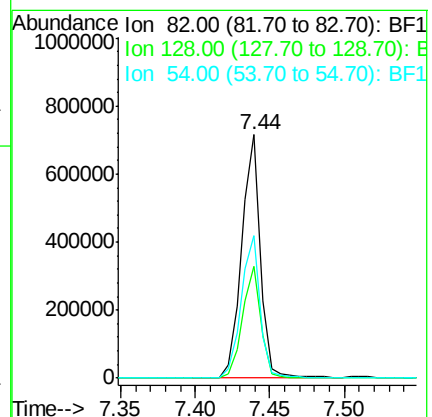
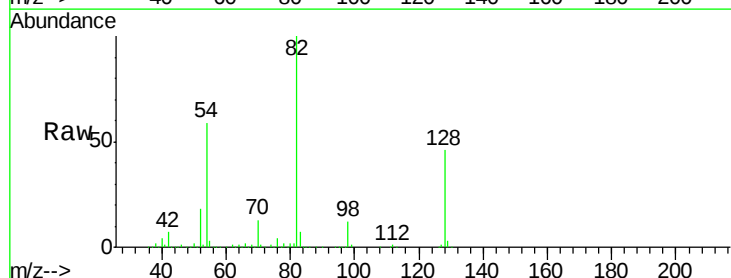
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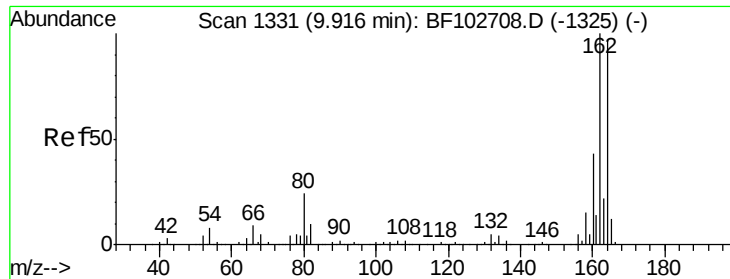
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#23
Nitrobenzene-d5
Concen: 62.334 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103050.D
Acq: 16 Feb 2018 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	46.2	36.1	54.1
54	58.6	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103050.D

Acq: 16 Feb 2018 14:19

Instrument :

BNA_F

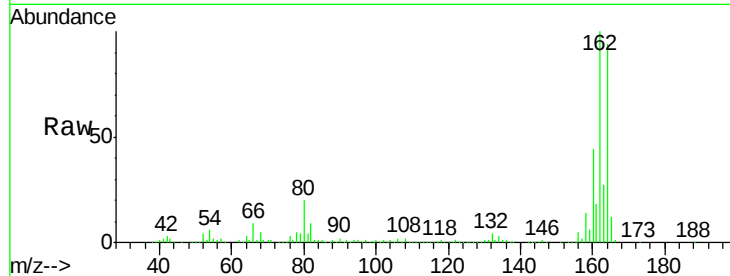
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PL-01-021418-C

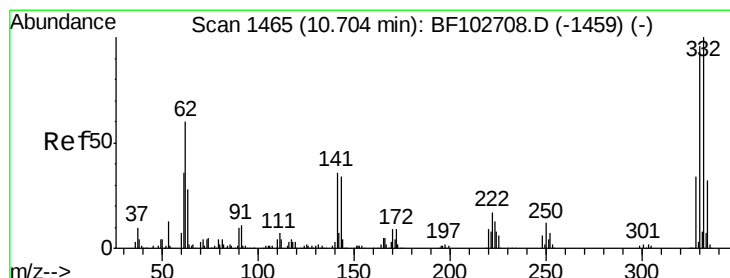
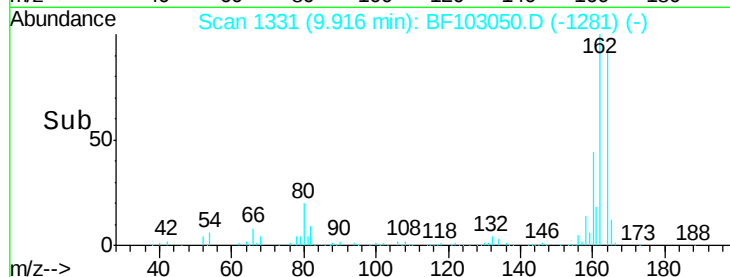
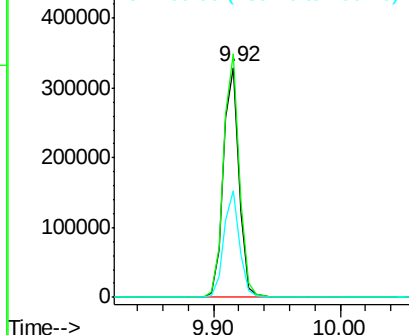
Tgt Ion:	164	Resp:	285743
Ion Ratio	Lower	Upper	
164	100		
162	106.0	86.1	129.1
160	46.2	38.3	57.5

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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: 70.957 ng

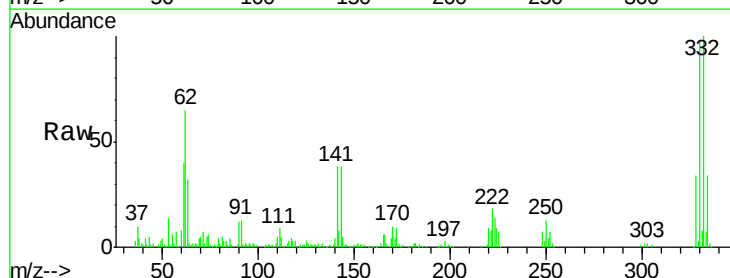
RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

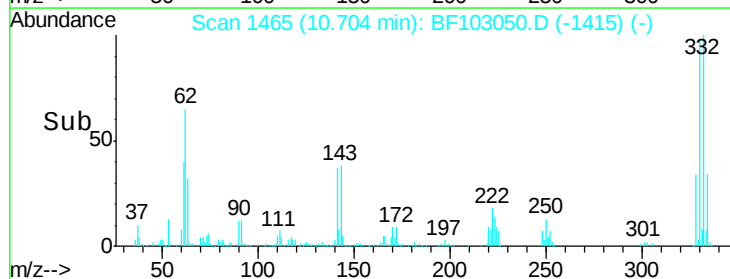
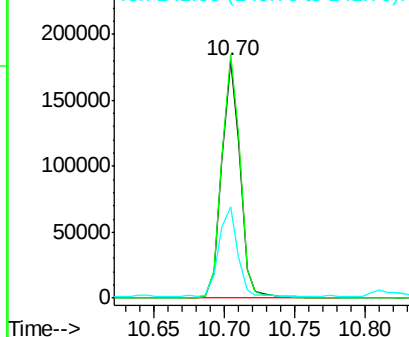
Lab File: BF103050.D

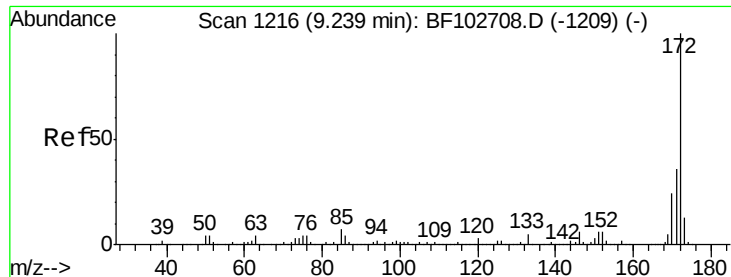
Acq: 16 Feb 2018 14:19

Tgt Ion:	330	Resp:	163193
Ion Ratio	Lower	Upper	
330	100		
332	103.2	77.0	115.6
141	39.5	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





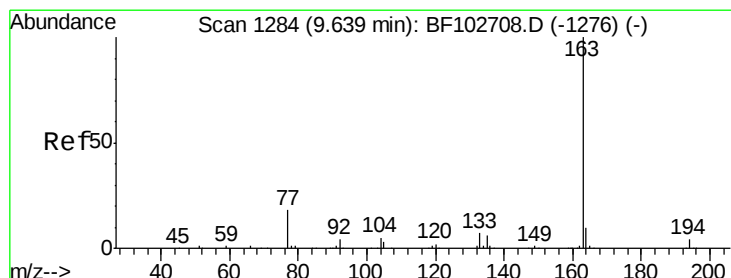
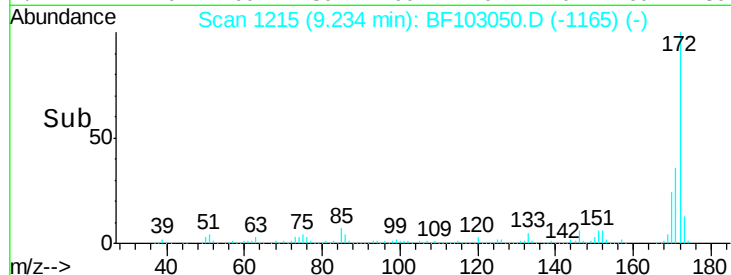
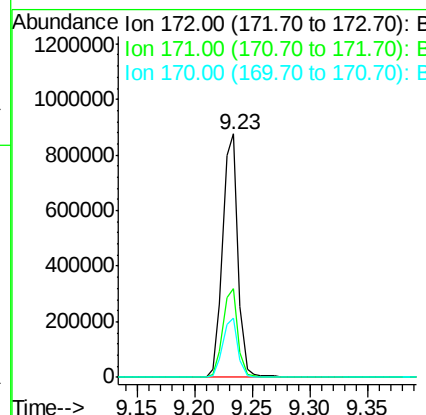
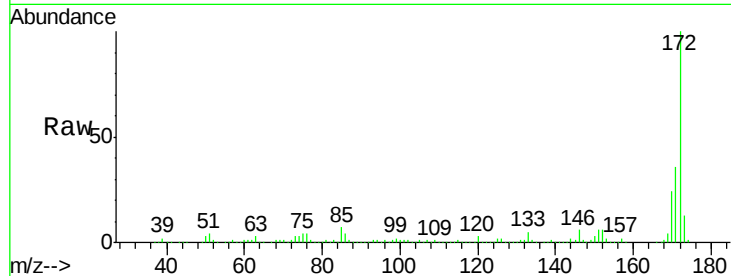
#44
2-Fluorobiphenyl
Concen: 47.099 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103050.D
Acq: 16 Feb 2018 14:19

Instrument :
BNA_F
ClientSampleId :
PL-01-021418-C

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	811059		
171	36.4	29.7	44.5	
170	24.1	19.6	29.4	

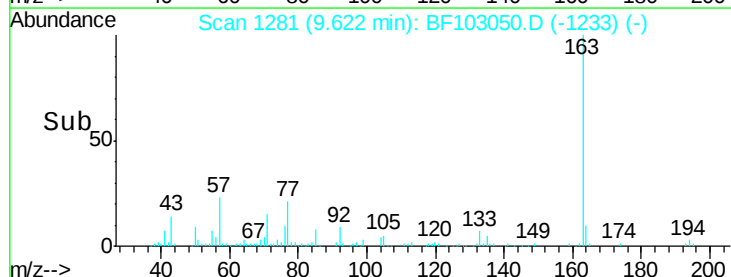
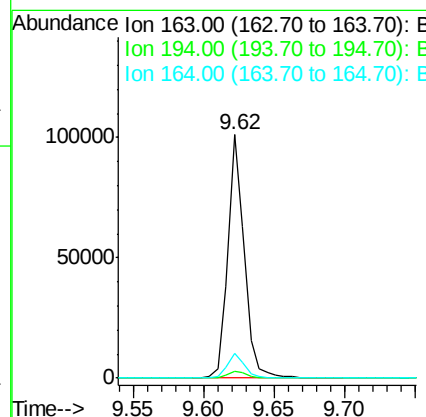
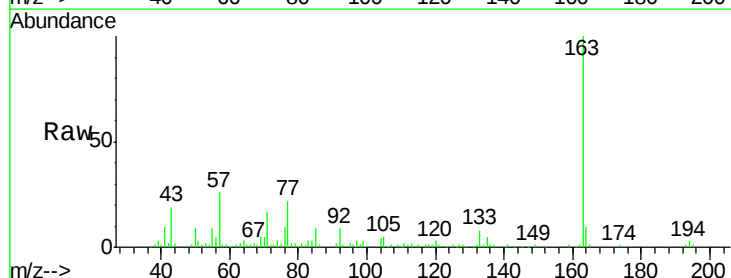
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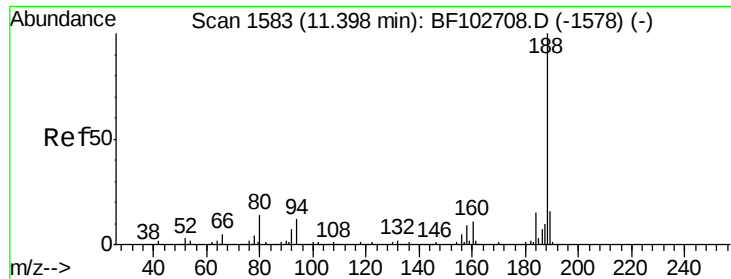
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#49
Dimethylphthalate
Concen: 3.680 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103050.D
Acq: 16 Feb 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	81987		
194	3.0	2.7	4.1	
164	10.1	8.2	12.2	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103050.D

Acq: 16 Feb 2018 14:19

Instrument :

BNA_F

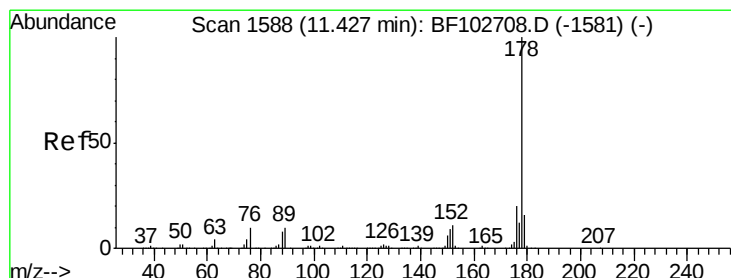
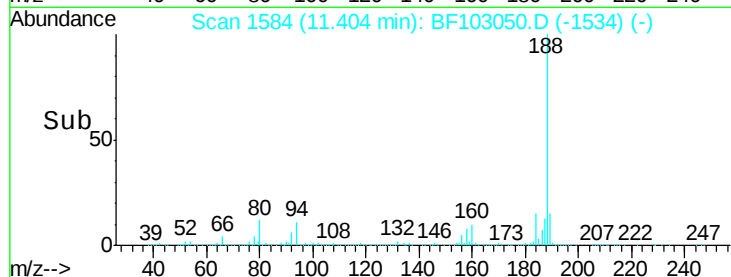
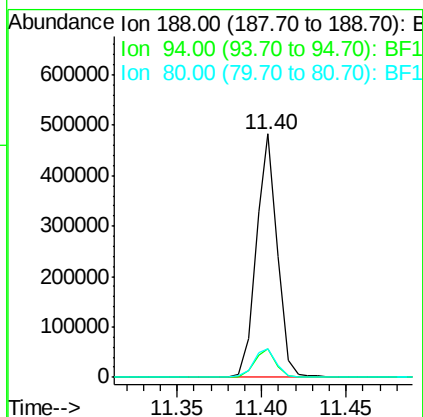
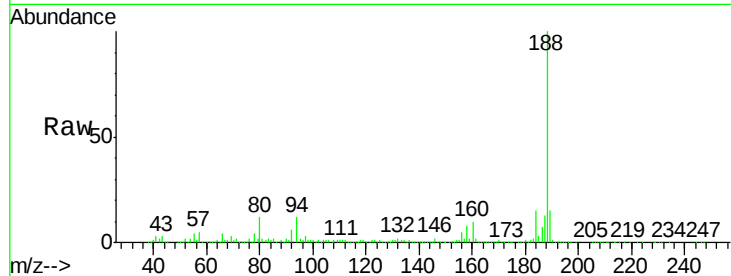
ClientSampleId :

PL-01-021418-C

Tgt Ion:	188	Resp:	417465
Ion Ratio	Lower	Upper	
188	100		
94	11.6	8.5	12.7
80	12.0	9.2	13.8

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#70

Phenanthrene

Concen: 8.005 ng

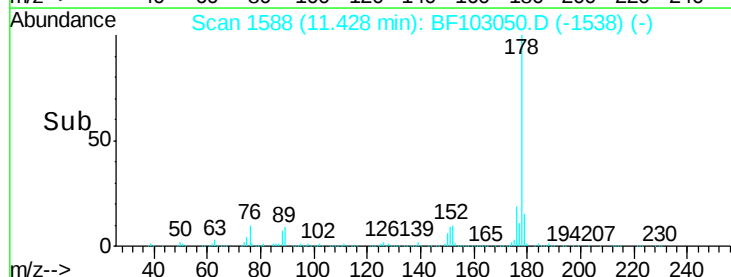
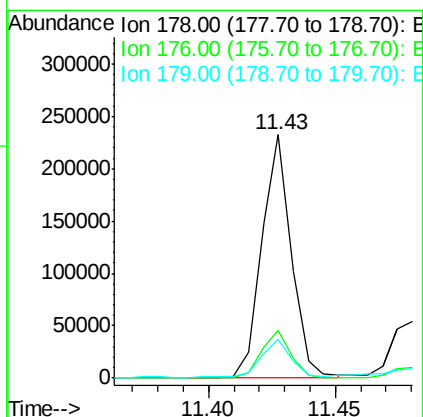
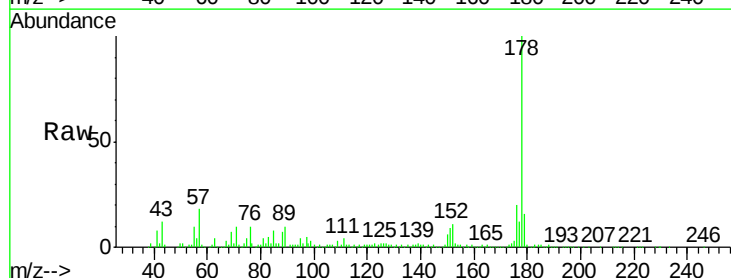
RT: 11.43 min Scan# 1588

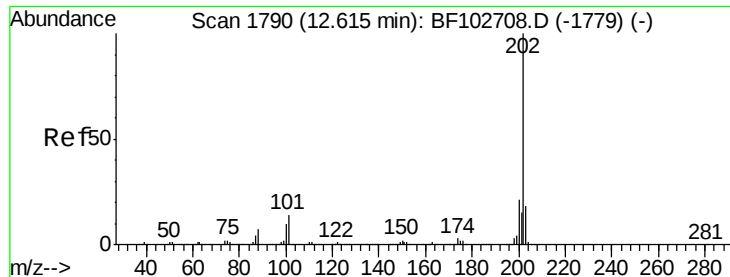
Delta R.T. -0.01 min

Lab File: BF103050.D

Acq: 16 Feb 2018 14:19

Tgt Ion:	178	Resp:	186116
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	15.8	13.0	19.6





#74

Fluoranthene

Concen: 9.264 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103050.D

Acq: 16 Feb 2018 14:19

Instrument :

BNA_F

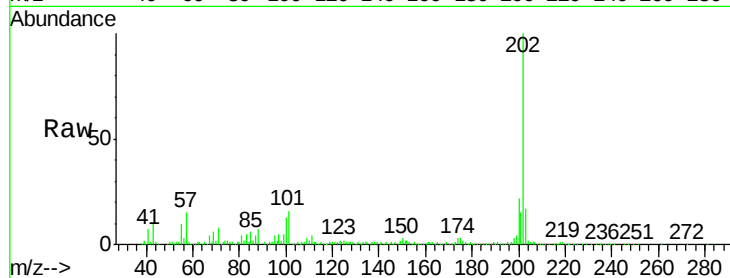
ClientSampleId :

PL-01-021418-C

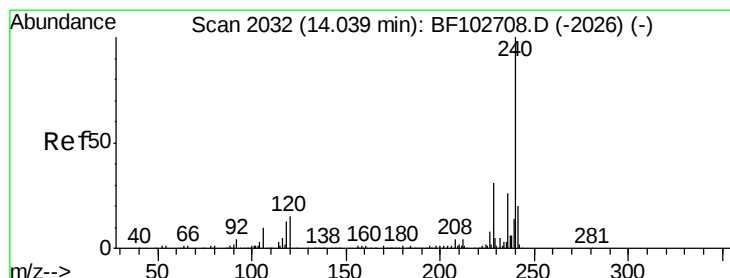
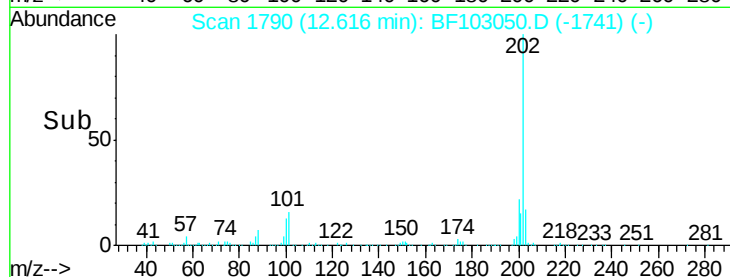
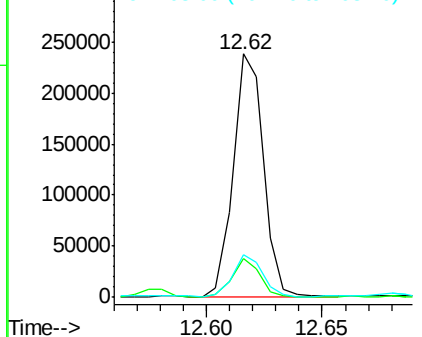
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	216701		
101	16.2	0.0	34.1	
203	17.4	0.0	38.1	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

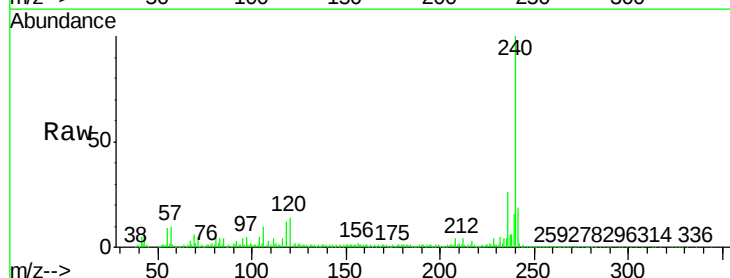
RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

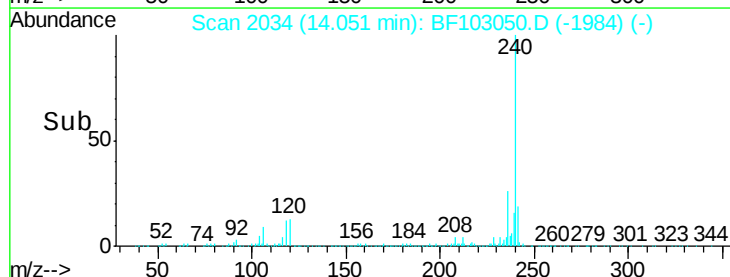
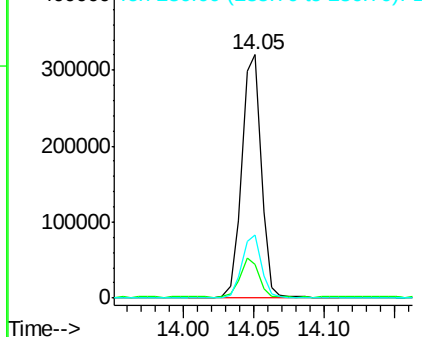
Lab File: BF103050.D

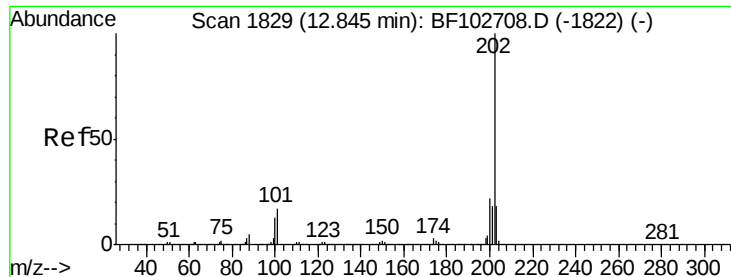
Acq: 16 Feb 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	308544		
120	13.8	9.5	14.3	
236	25.7	20.7	31.1	



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





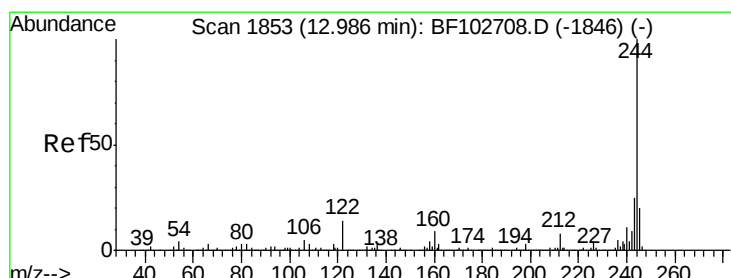
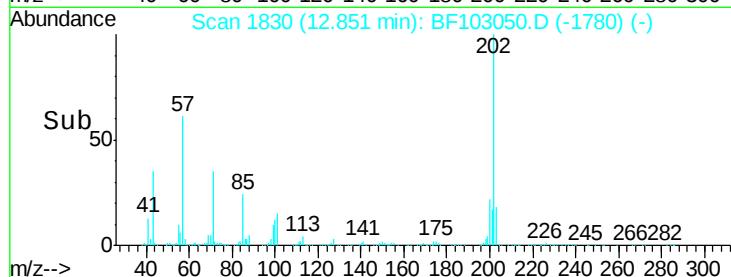
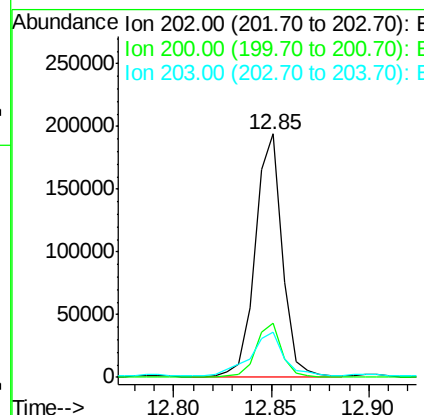
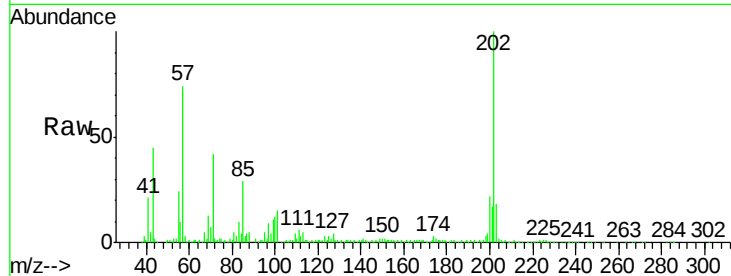
#77
 Pyrene
 Concen: 7.634 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF103050.D
 Acq: 16 Feb 2018 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-021418-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.4	17.4	26.2
203	18.4	14.3	21.5

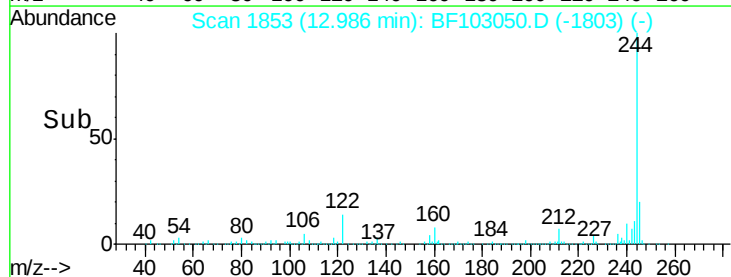
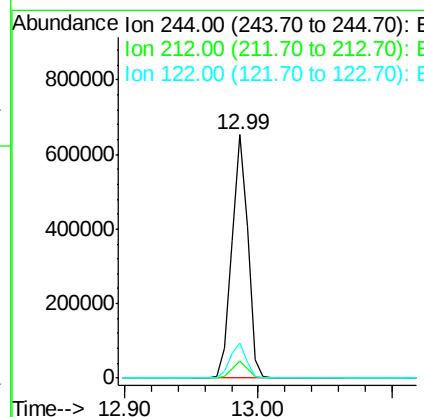
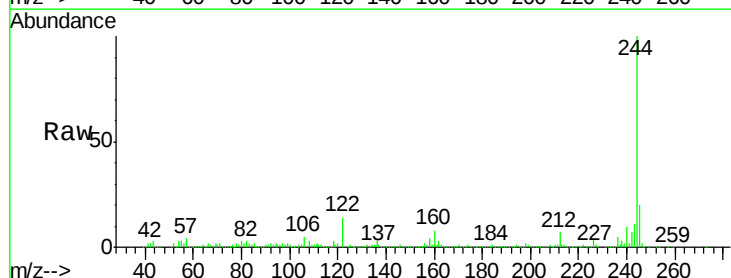
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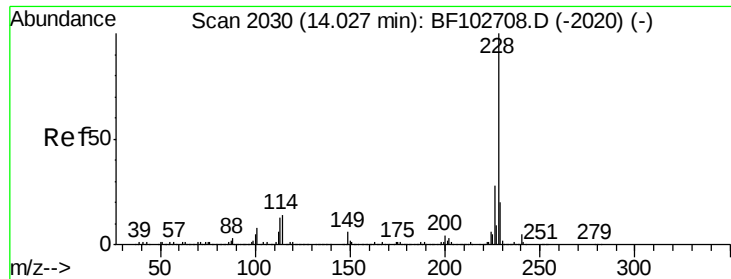
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#78
 Terphenyl-d14
 Concen: 42.799 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103050.D
 Acq: 16 Feb 2018 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.4	8.0
122	14.2	11.0	16.4





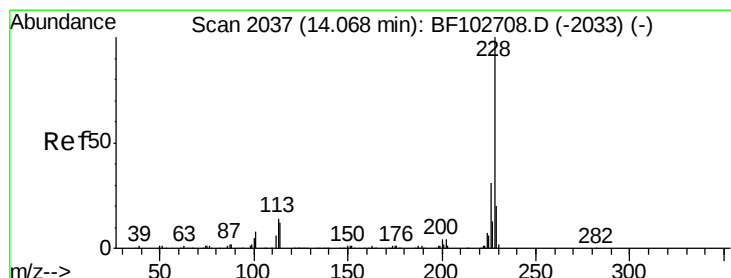
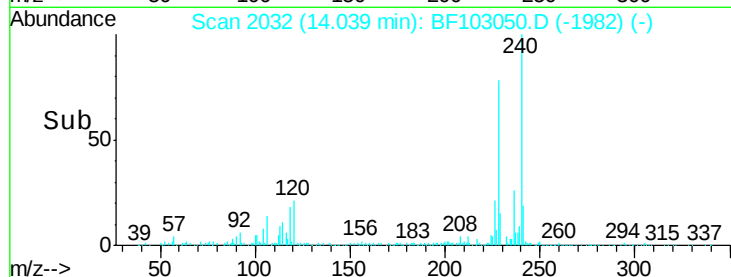
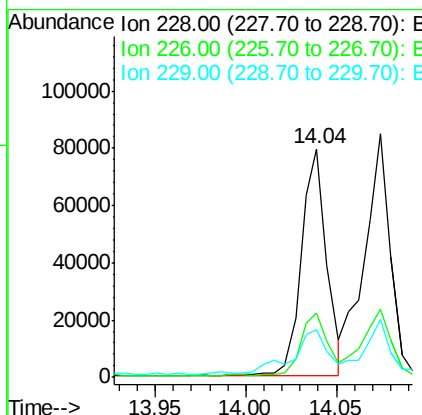
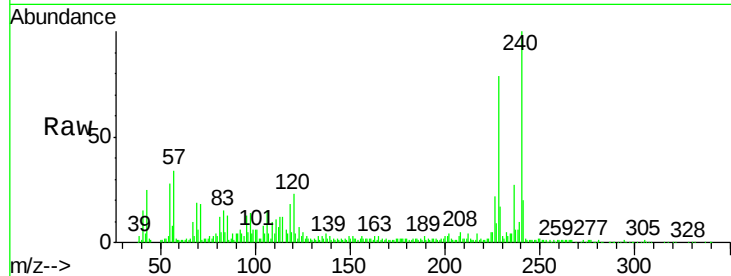
#80
Benzo(a)anthracene
Concen: 3.996 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103050.D
Acq: 16 Feb 2018 14:19

Instrument :
BNA_F
ClientSampleId :
PL-01-021418-C

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.0	15.8	23.6

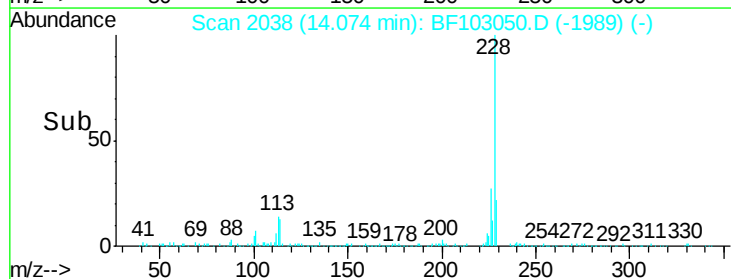
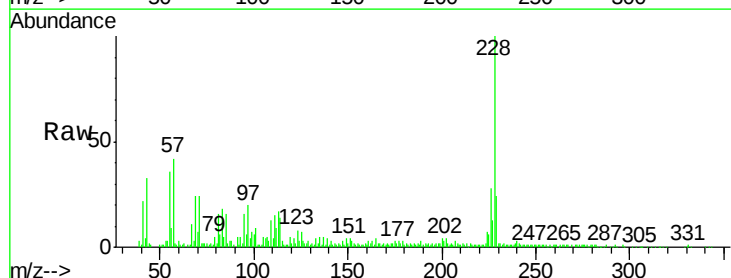
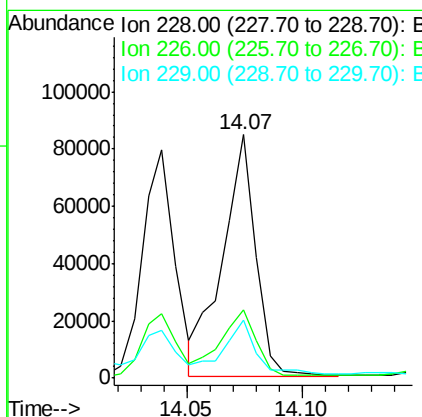
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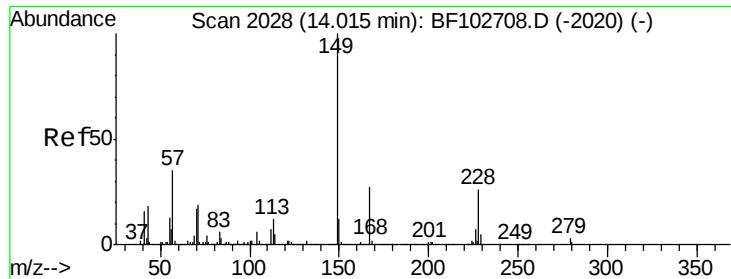
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#82
Chrysene
Concen: 4.349 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103050.D
Acq: 16 Feb 2018 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.0	37.6
229	24.0	16.2	24.4





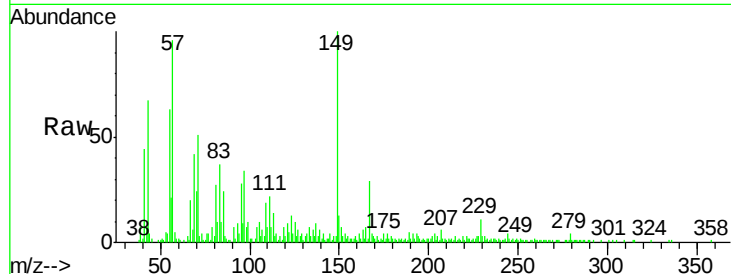
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.063 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103050.D
 Acq: 16 Feb 2018 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-021418-C

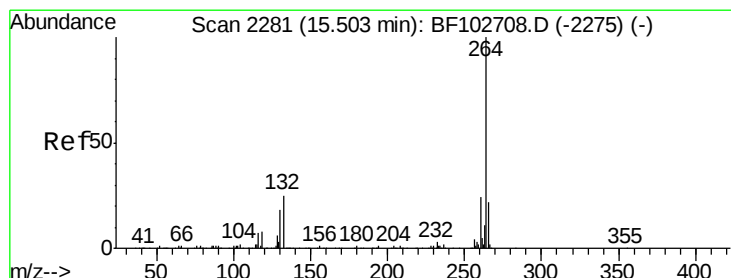
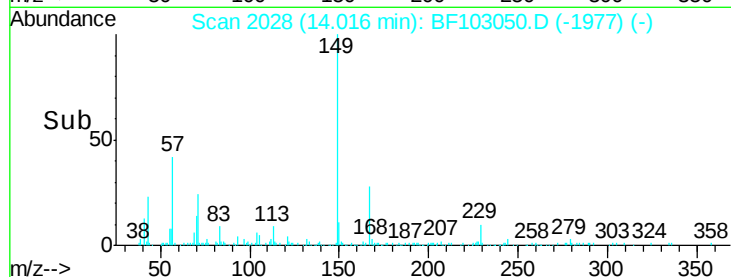
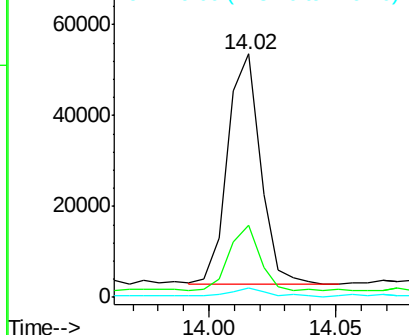
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	45394		
167	29.4	21.3	31.9	
279	3.8	3.0	4.4	

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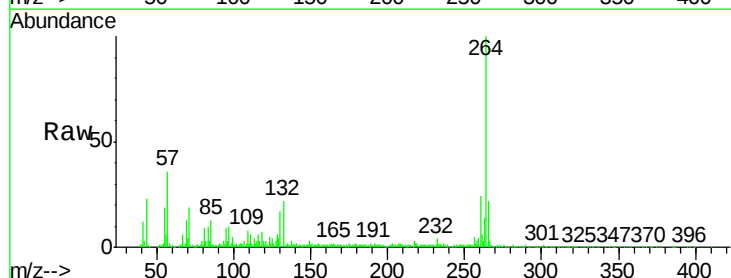


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

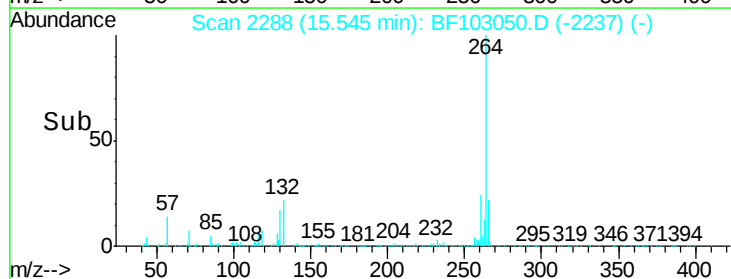
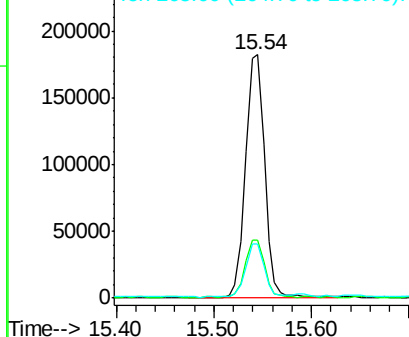


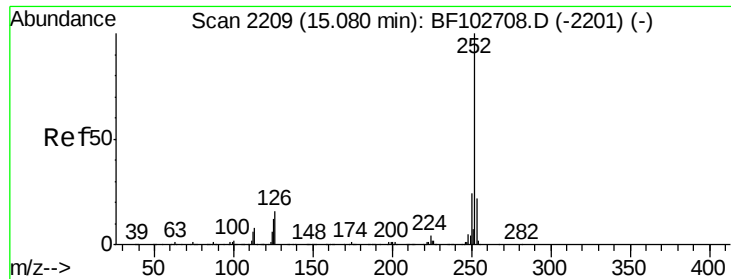
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF103050.D
 Acq: 16 Feb 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	249084		
260	23.8	19.2	28.8	
265	22.1	17.5	26.3	



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.315 ng m

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF103050.D

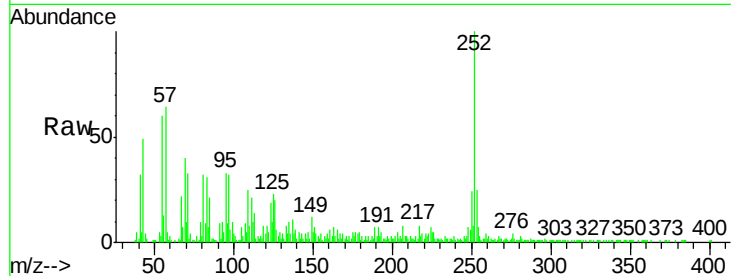
Acq: 16 Feb 2018 14:19

Instrument :

BNA_F

ClientSampleId :

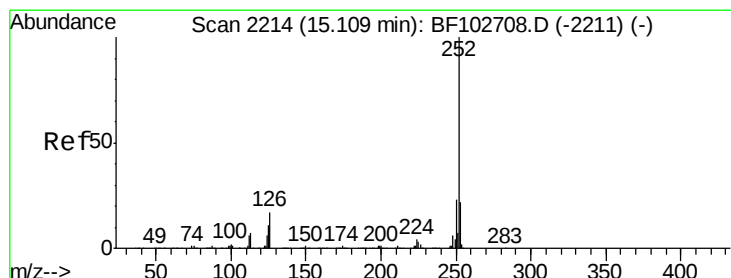
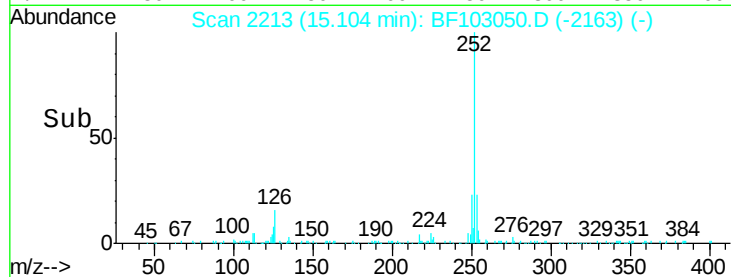
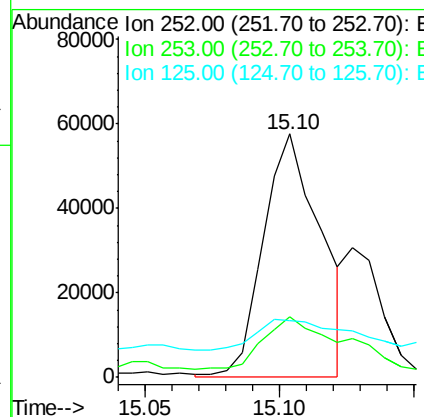
PL-01-021418-C



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	85827		
253	24.8	17.0	25.6	
125	23.3	9.0	13.6	

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#88

Benzo(k)fluoranthene

Concen: 2.018 ng m

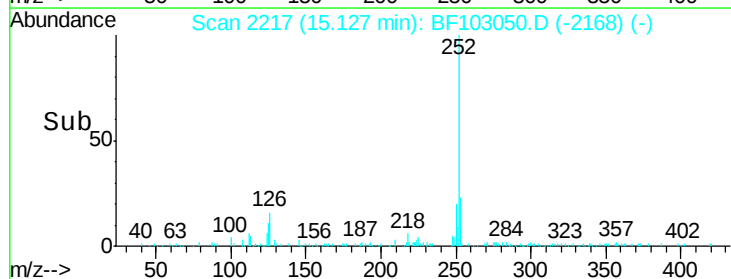
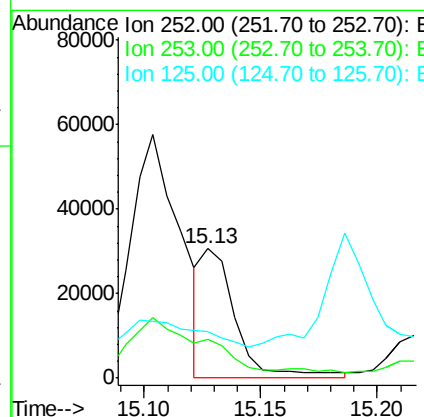
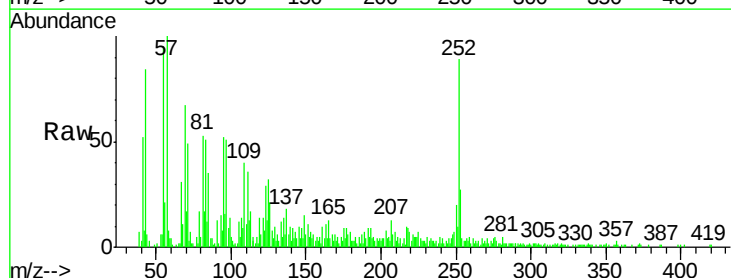
RT: 15.13 min Scan# 2217

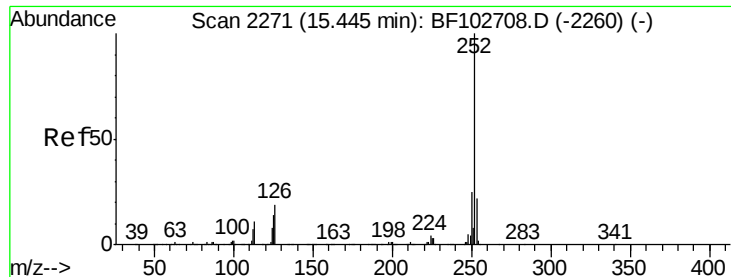
Delta R.T. -0.01 min

Lab File: BF103050.D

Acq: 16 Feb 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	31133		
253	29.8	17.9	26.9	
125	35.5	10.2	15.2	





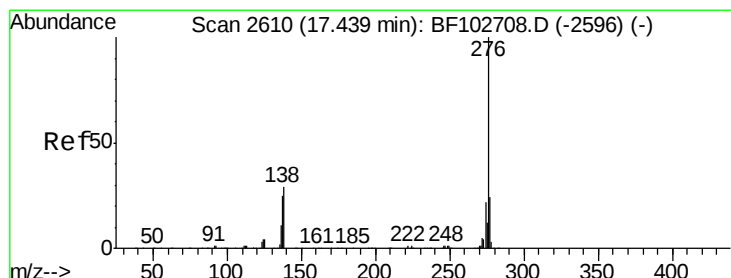
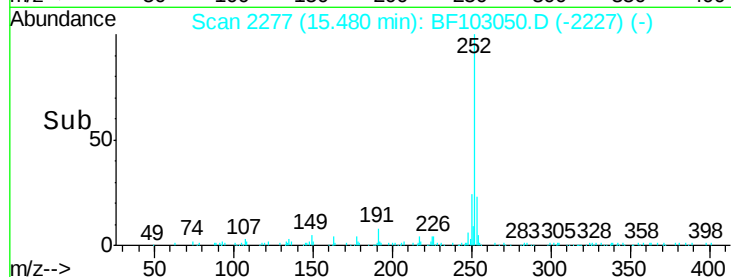
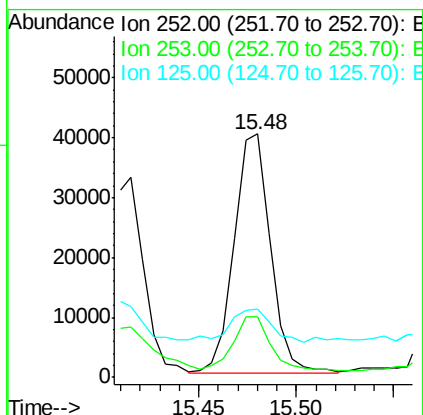
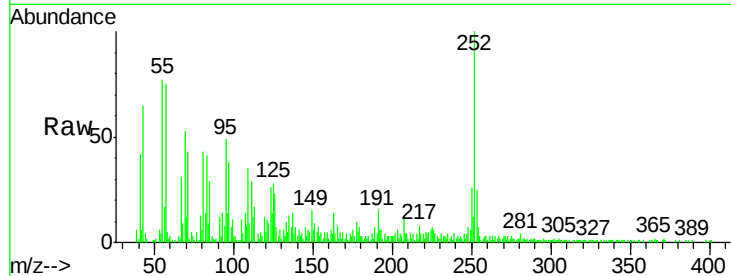
#89
Benzo(a)pyrene
Concen: 3.546 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103050.D
Acq: 16 Feb 2018 14:19

Instrument :
BNA_F
ClientSampleId :
PL-01-021418-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.9	17.1	25.7
125	27.9	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 2.506 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF103050.D
Acq: 16 Feb 2018 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	27.6	17.9	26.9
138	30.6	21.8	32.8

