

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103057.D
 Acq On : 16 Feb 2018 17:26
 Operator : SJ/JU
 Sample : J1399-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-B

Manual Integrations
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Sohil
 2/19/2018 11:09:40 AM

Quant Time: Feb 16 23:27:28 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	171546	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	681151	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	267873	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	399461	20.00	ng	0.00
75) Chrysene-d12	14.04	240	307553	20.00	ng	-0.01
86) Perylene-d12	15.54	264	242860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	247400	21.90	ng	0.00
7) Phenol-d6	6.50	99	308603	22.69	ng	-0.01
23) Nitrobenzene-d5	7.43	82	173844	17.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	42201	19.57	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	291691	18.07	ng	-0.01
78) Terphenyl-d14	12.98	244	210268	16.19	ng	-0.01
Target Compounds						
70) Phenanthrene	11.43	178	112357	5.050	ng	Qvalue 100
74) Fluoranthene	12.62	202	182747	8.164	ng	99
77) Pyrene	12.85	202	161059	6.678	ng	99
80) Benzo(a)anthracene	14.03	228	78510	4.059	ng	98
82) Chrysene	14.07	228	71368m	3.660	ng	
87) Benzo(b)fluoranthene	15.10	252	71730m	4.556	ng	
89) Benzo(a)pyrene	15.47	252	52671	3.716	ng	# 85
91) Benzo(g,h,i)perylene	17.50	276	27371	2.431	ng	# 90

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

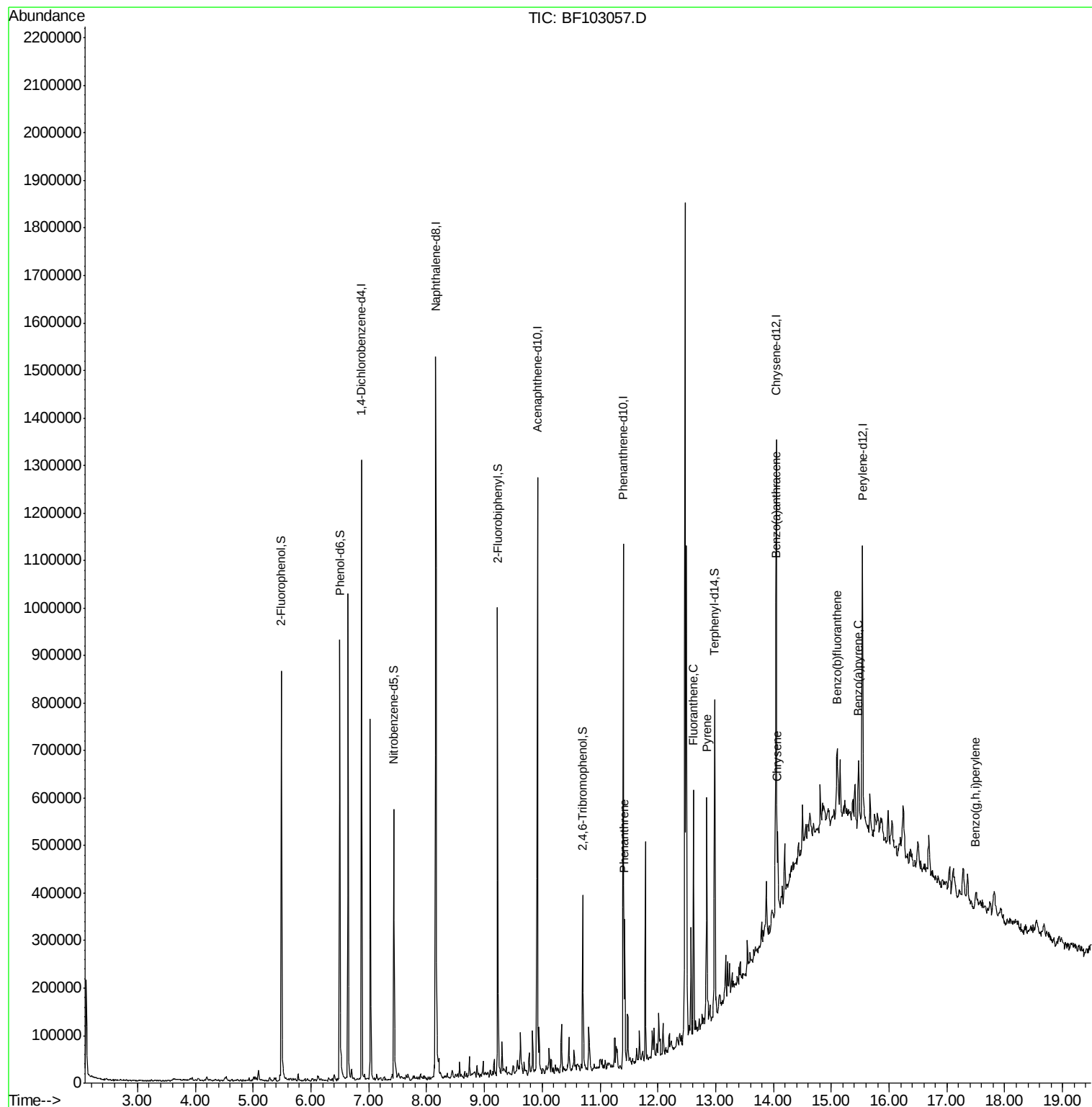
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103057.D
Acq On : 16 Feb 2018 17:26
Operator : SJ/JU
Sample : J1399-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

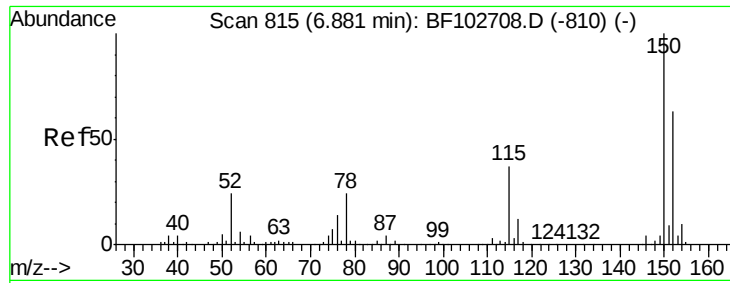
Instrument :
BNA_F
ClientSampleId :
OR-02-021518-B

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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Response via : Initial Calibration





#1

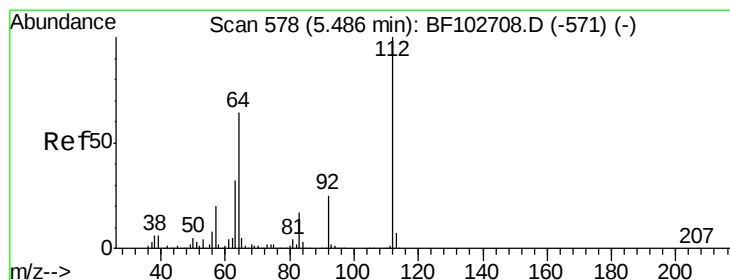
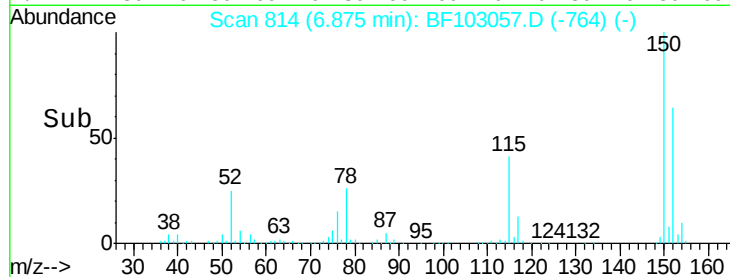
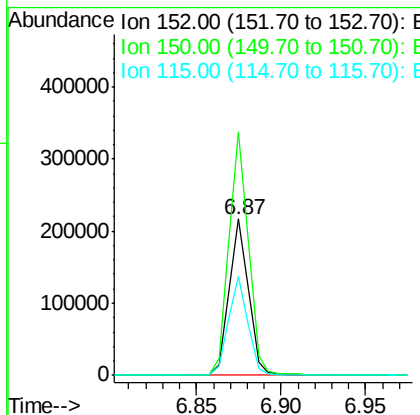
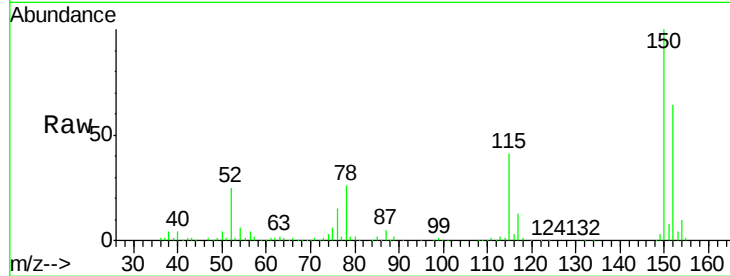
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	63.4	50.1	75.1

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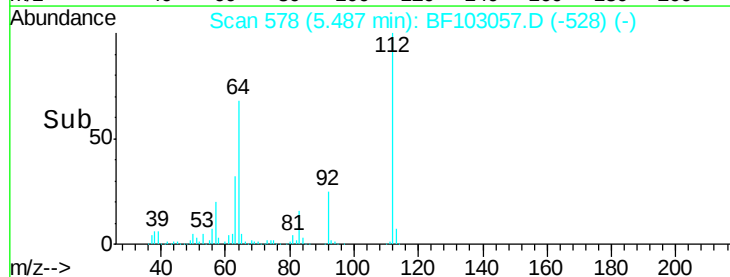
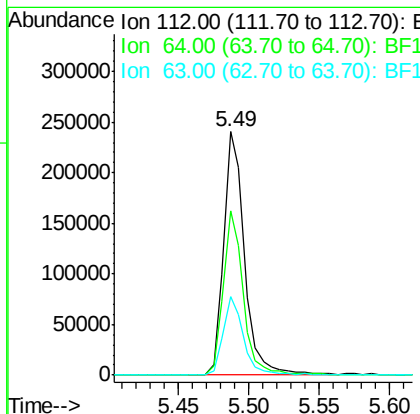
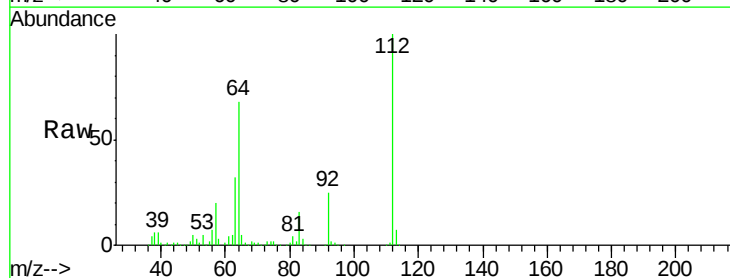
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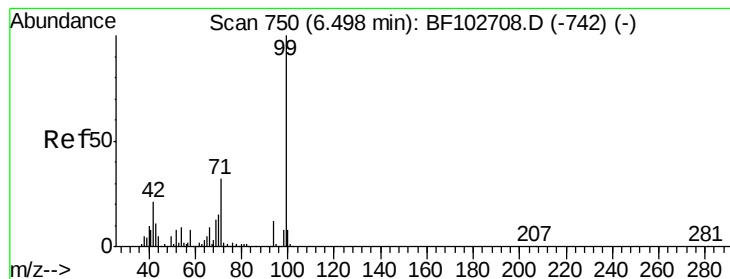


#5

2-Fluorophenol
Concen: 21.902 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	32.1	23.7	35.5





#7

Phenol-d6

Concen: 22.690 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103057.D

Acq: 16 Feb 2018 17:26

Instrument :

BNA_F

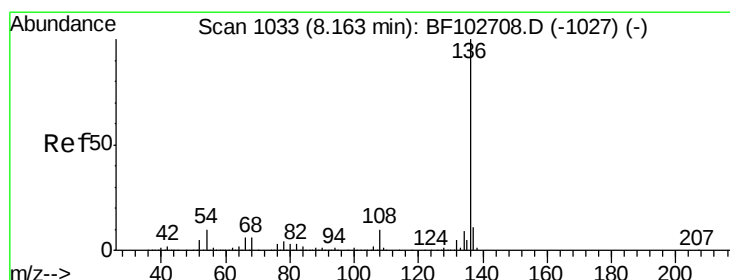
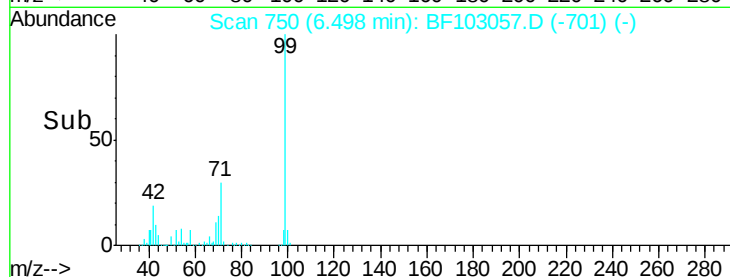
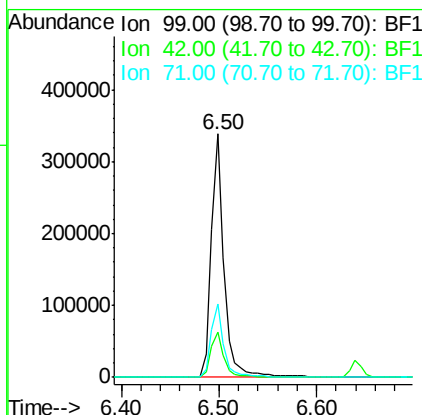
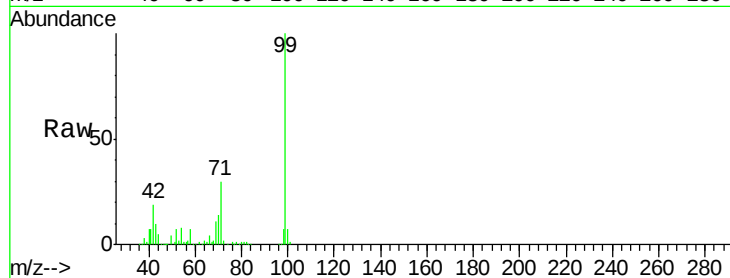
ClientSampleId :

OR-02-021518-B

Tgt Ion:	99	Resp:	308603
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.5	21.7
71	30.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

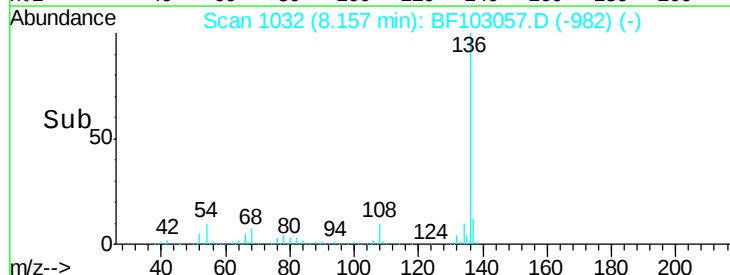
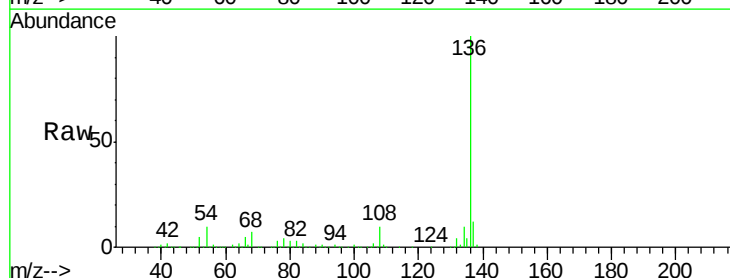
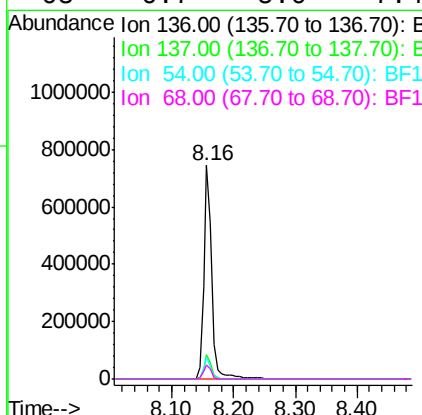
RT: 8.16 min Scan# 1032

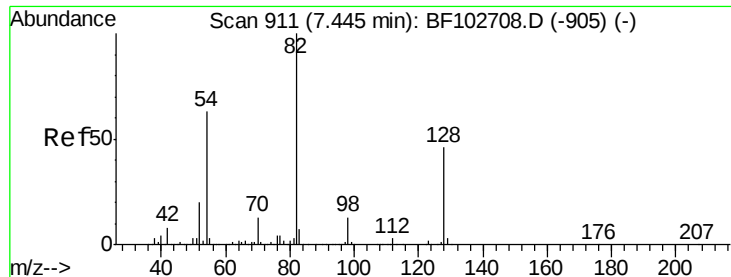
Delta R.T. -0.01 min

Lab File: BF103057.D

Acq: 16 Feb 2018 17:26

Tgt Ion:	136	Resp:	681151
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.9	13.3
54	10.1	6.6	9.8
68	6.7	5.0	7.4





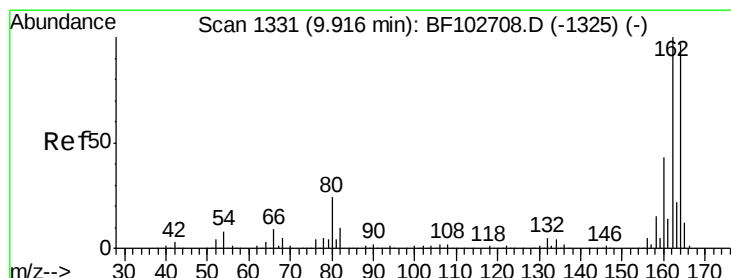
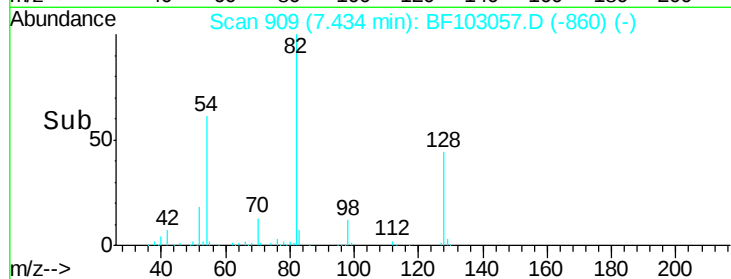
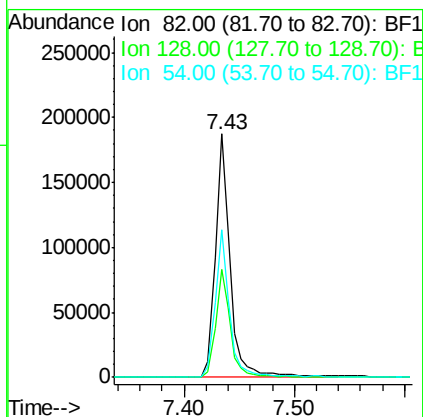
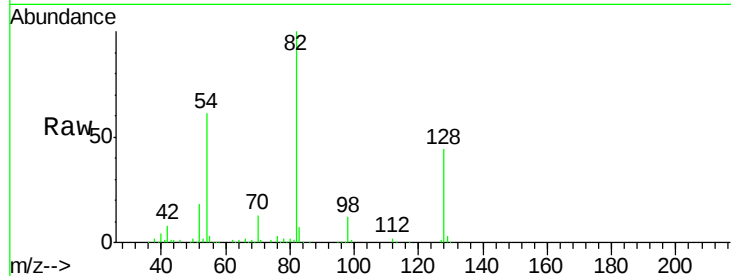
#23
 Nitrobenzene-d5
 Concen: 17.705 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103057.D
 Acq: 16 Feb 2018 17:26

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	60.6	41.4	62.2

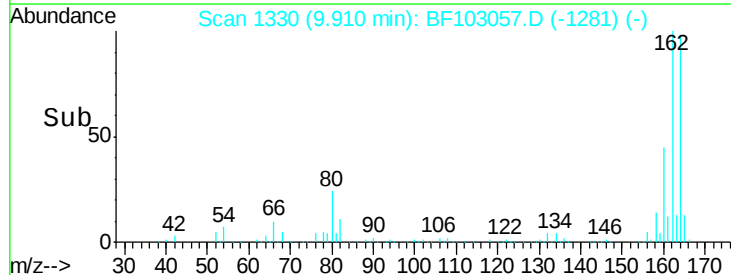
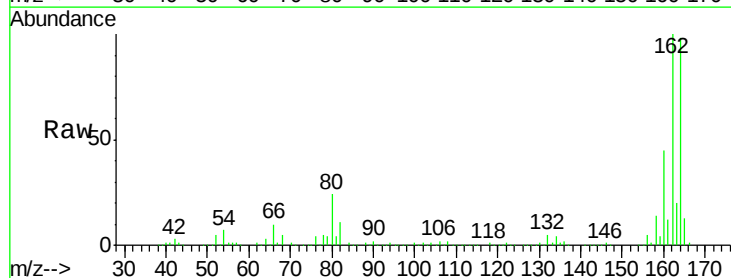
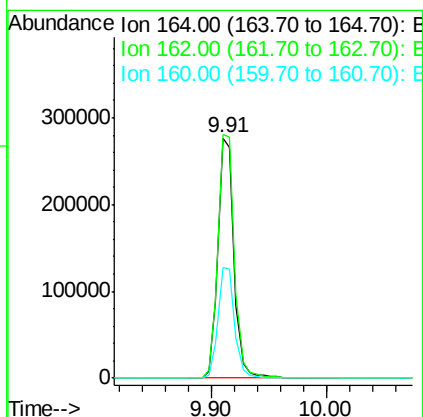
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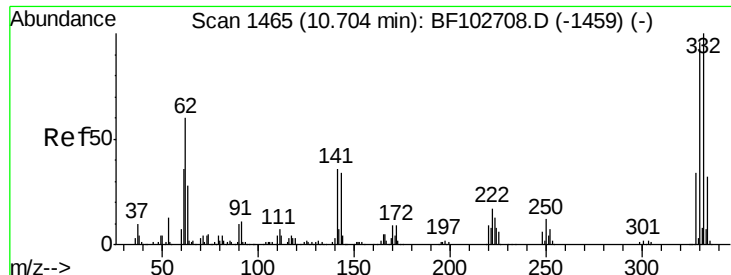
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103057.D
 Acq: 16 Feb 2018 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.0	38.3	57.5





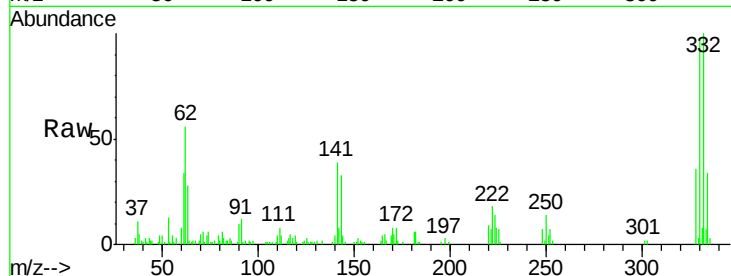
#41
 2,4,6-Tribromophenol
 Concen: 19.573 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103057.D
 Acq: 16 Feb 2018 17:26

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-B

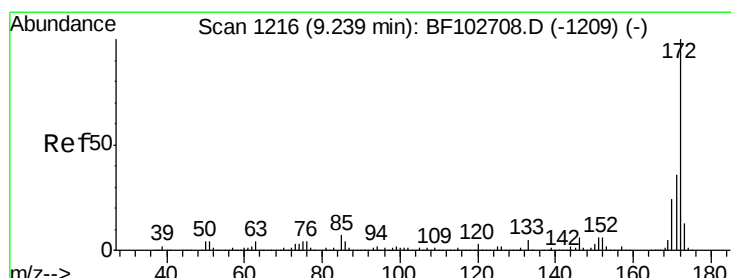
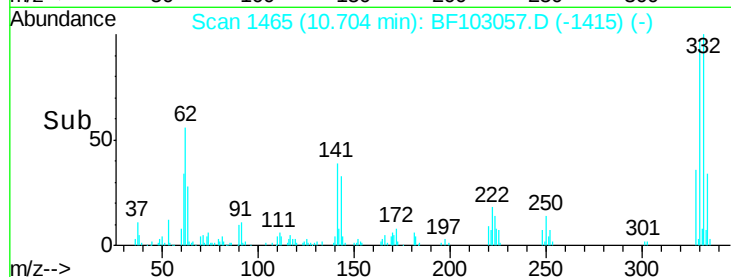
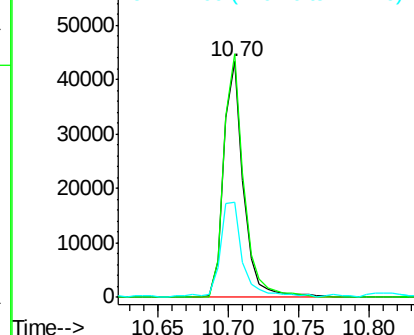
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	42201		
332	103.9	77.0	115.6	
141	46.8	29.9	44.9	

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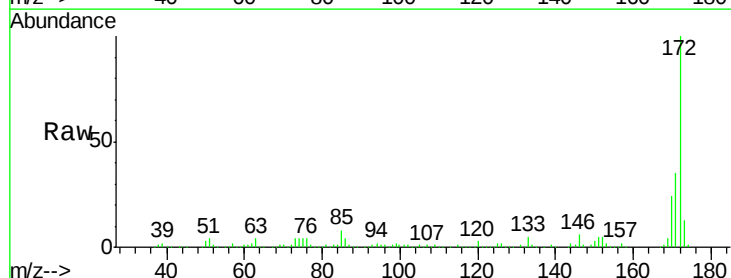


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

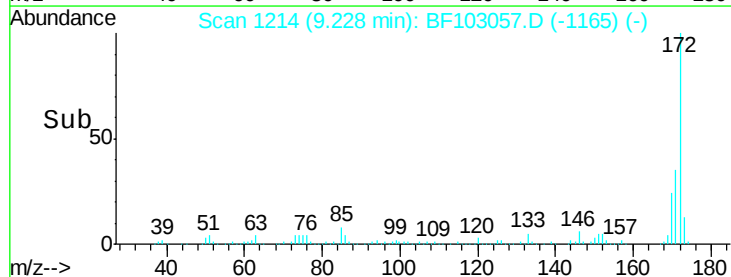
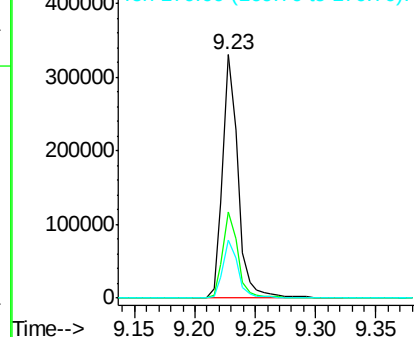


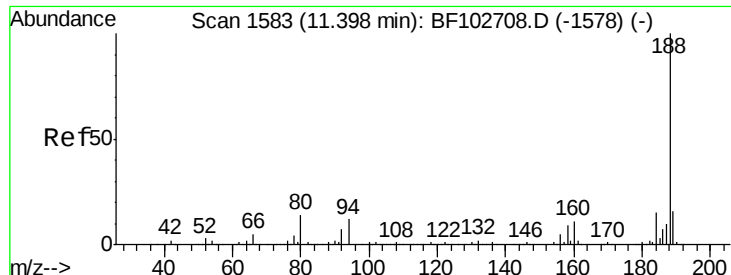
#44
 2-Fluorobiphenyl
 Concen: 18.069 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103057.D
 Acq: 16 Feb 2018 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	291691		
171	35.3	29.7	44.5	
170	23.7	19.6	29.4	



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





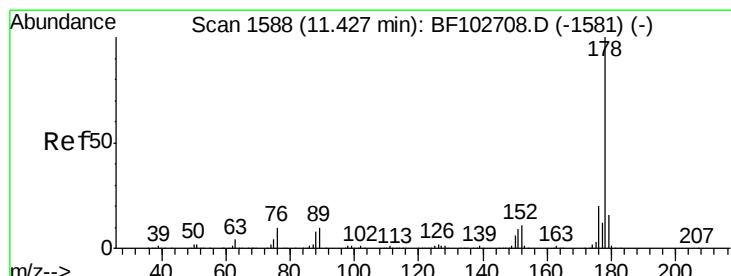
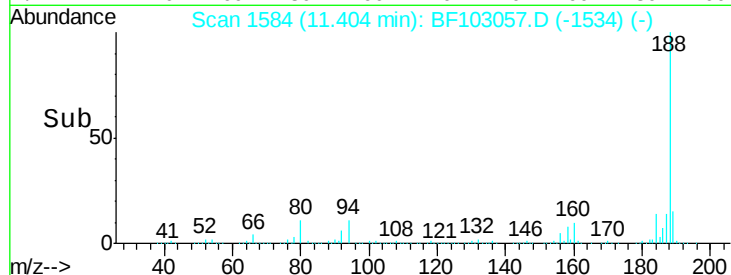
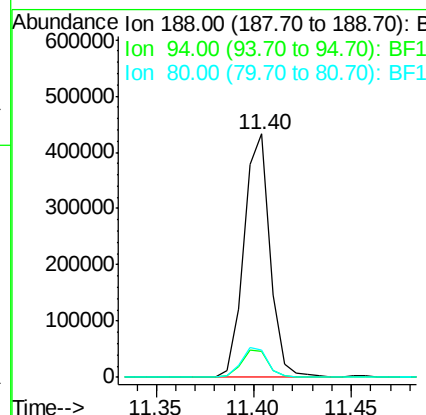
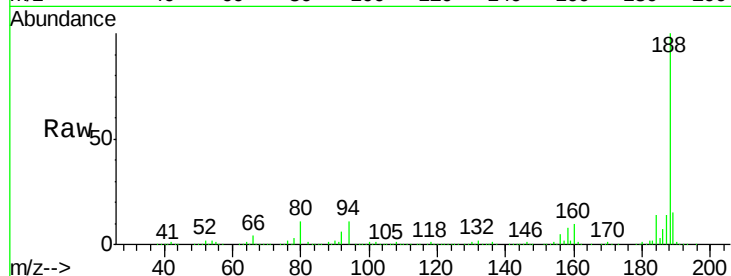
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	8.5	12.7
80	11.2	9.2	13.8

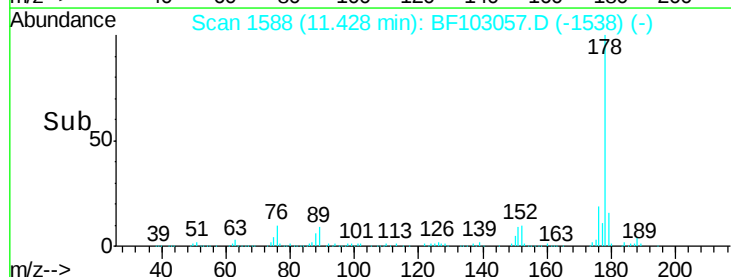
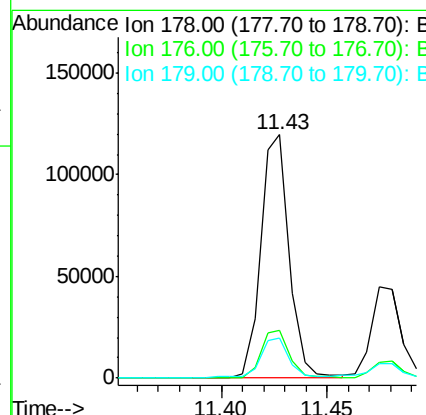
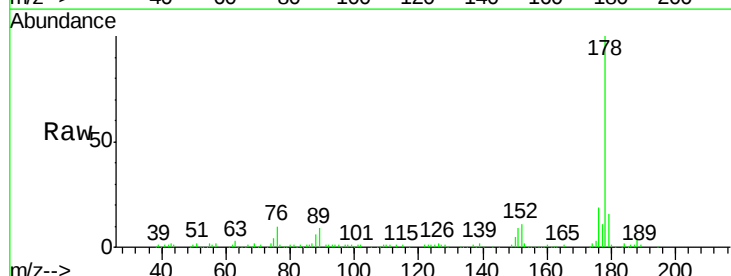
Manual Integrations
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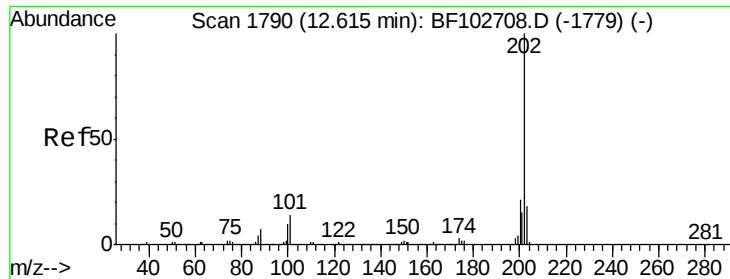
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#70
Phenanthrene
Concen: 5.050 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.5	15.8	23.8
179	16.3	13.0	19.6





#74

Fluoranthene

Concen: 8.164 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103057.D

Acq: 16 Feb 2018 17:26

Instrument :

BNA_F

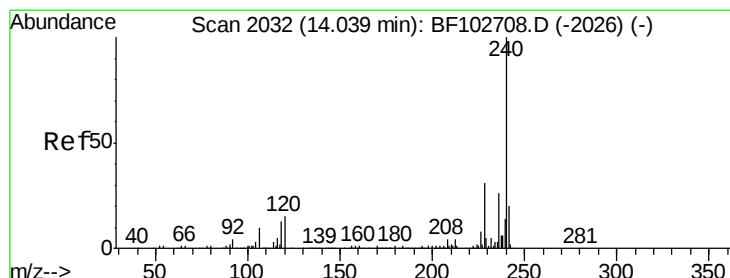
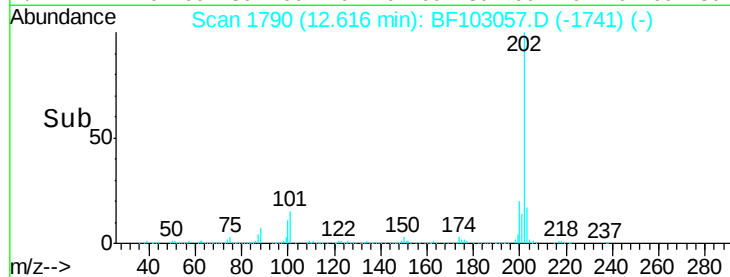
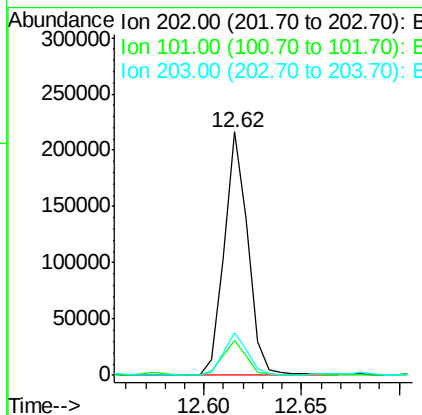
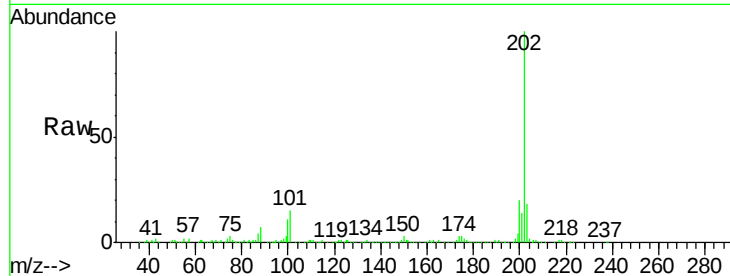
ClientSampleId :

OR-02-021518-B

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		182747		
101	14.6	0.0	34.1		
203	17.6	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

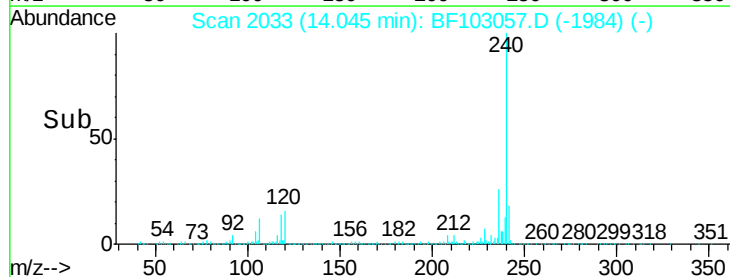
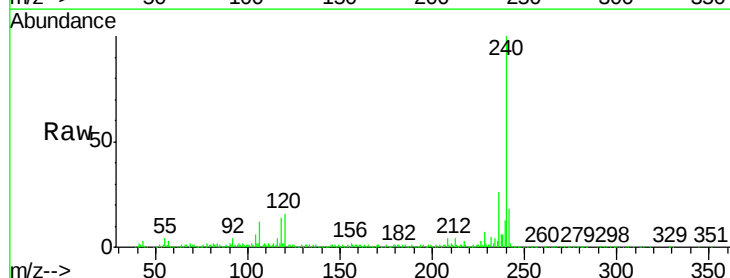
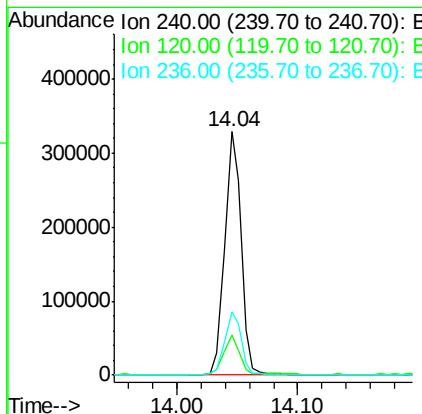
RT: 14.04 min Scan# 2033

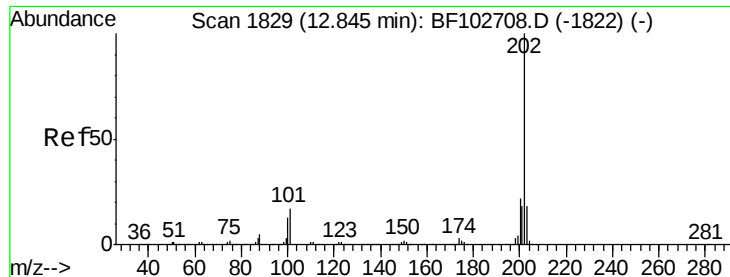
Delta R.T. -0.01 min

Lab File: BF103057.D

Acq: 16 Feb 2018 17:26

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		307553		
120	16.2	9.5	14.3#		
236	26.2	20.7	31.1		





#77

Pyrene

Concen: 6.678 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103057.D

Acq: 16 Feb 2018 17:26

Instrument :

BNA_F

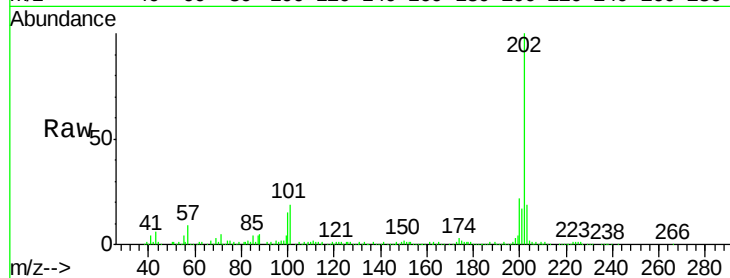
ClientSampleId :

OR-02-021518-B

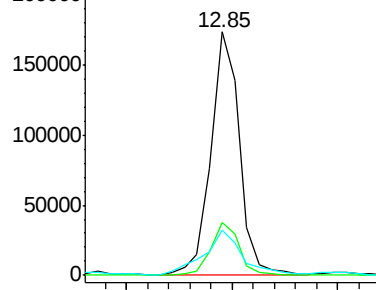
Tgt Ion:	202	Resp:	161059
Ion Ratio		Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.5	14.3	21.5

Manual Integrations
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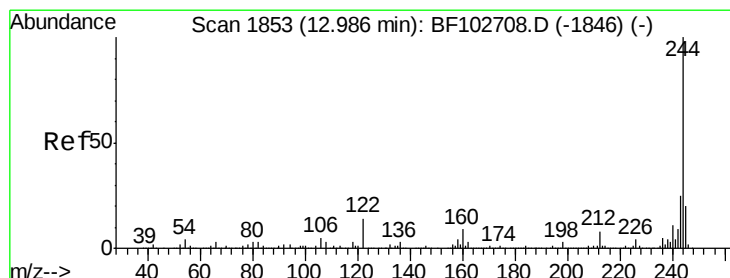
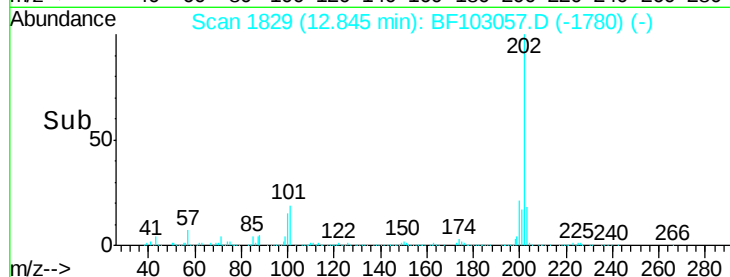
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 16.188 ng

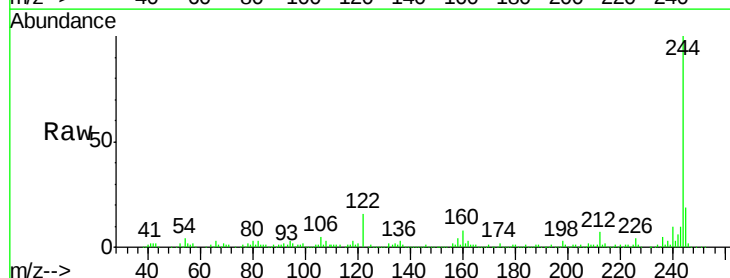
RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

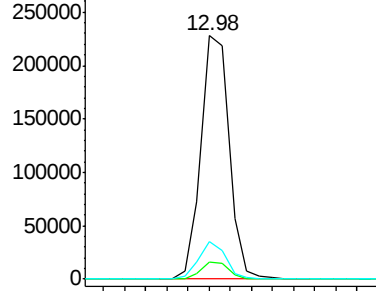
Lab File: BF103057.D

Acq: 16 Feb 2018 17:26

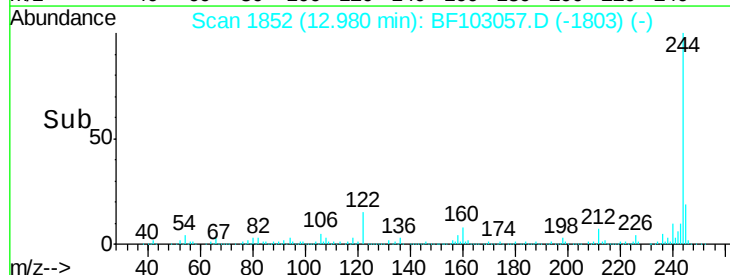
Tgt Ion:	244	Resp:	210268
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.5	11.0	16.4

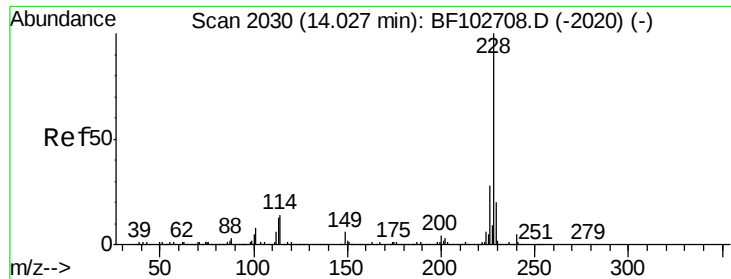


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





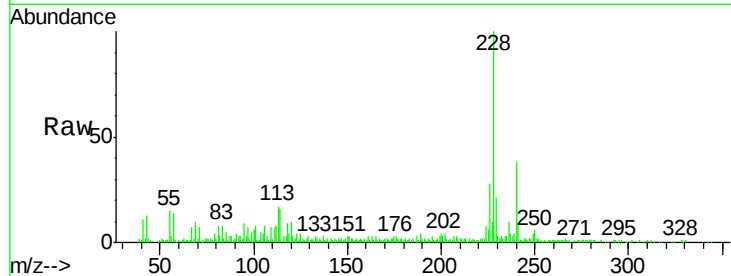
#80
Benzo(a)anthracene
Concen: 4.059 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-B

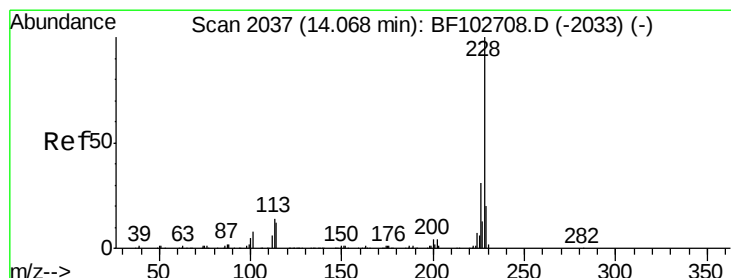
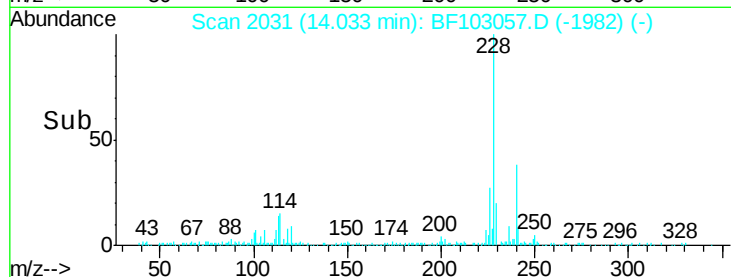
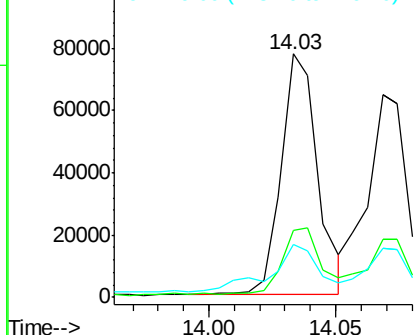
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.5	15.8	23.6

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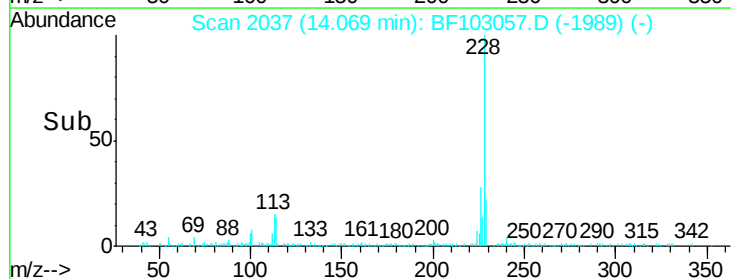
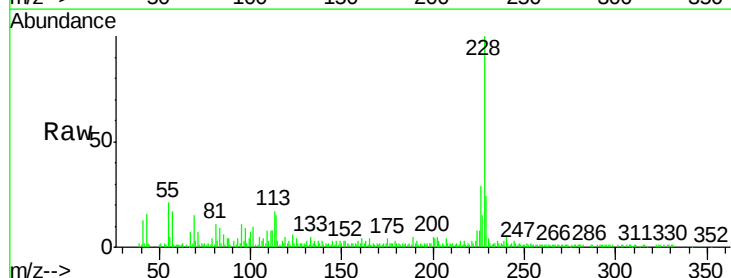
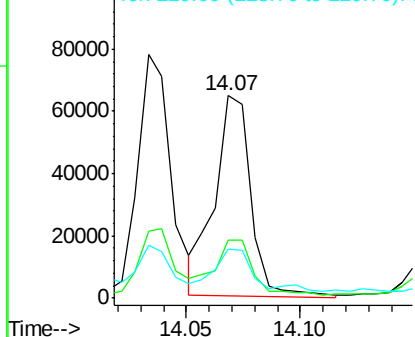
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

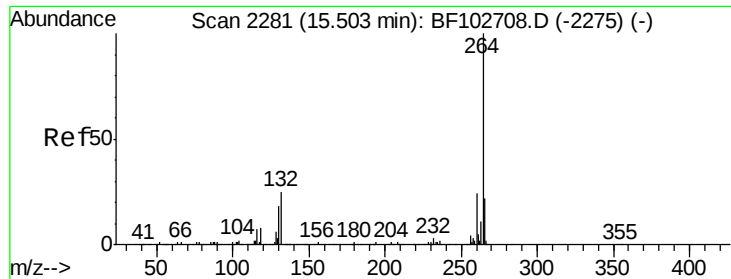


#82
Chrysene
Concen: 3.660 ng m
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	24.4	16.2	24.4#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





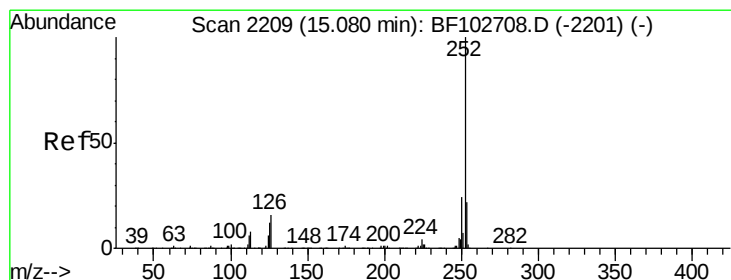
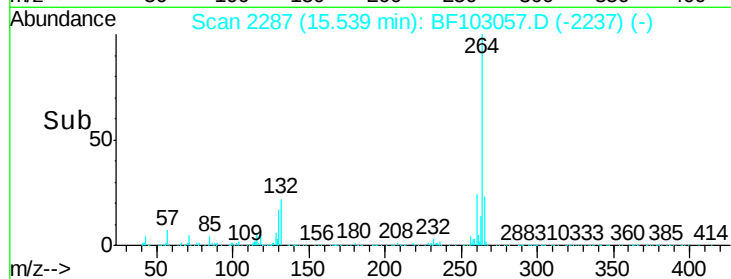
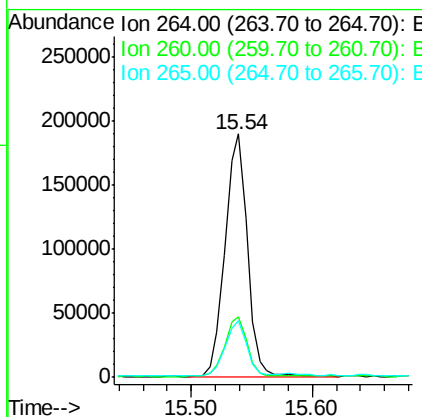
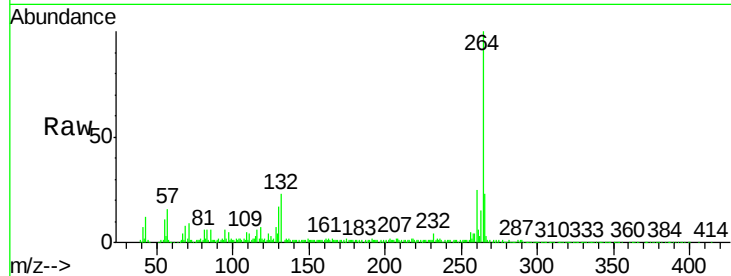
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-B

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	242860		
260	24.8	19.2	28.8	
265	23.1	17.5	26.3	

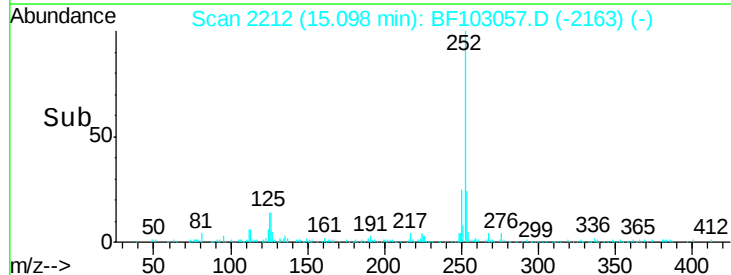
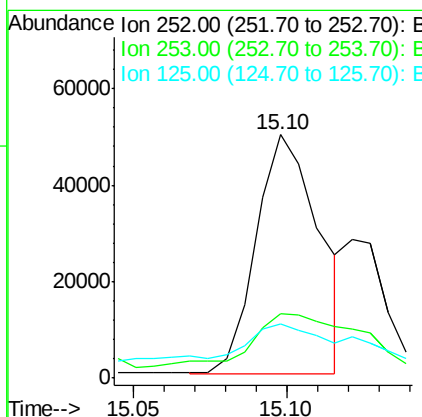
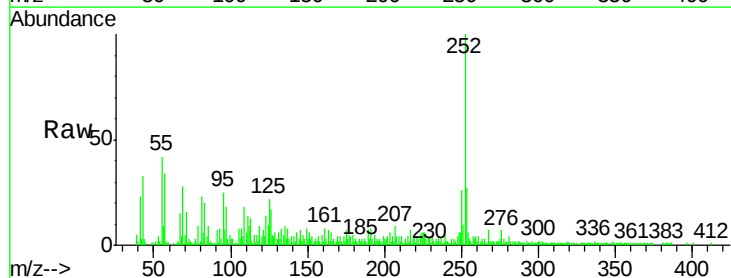
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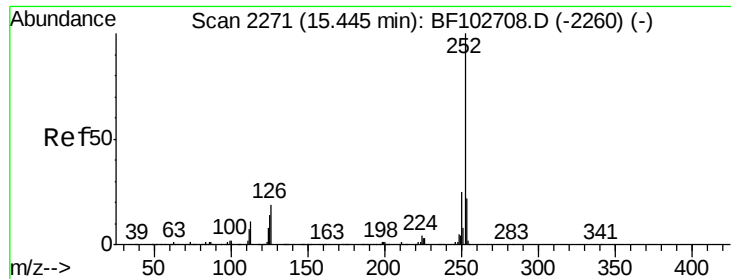
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#87
Benzo(b)fluoranthene
Concen: 4.556 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	71730		
253	26.6	17.0	25.6#	
125	22.1	9.0	13.6#	





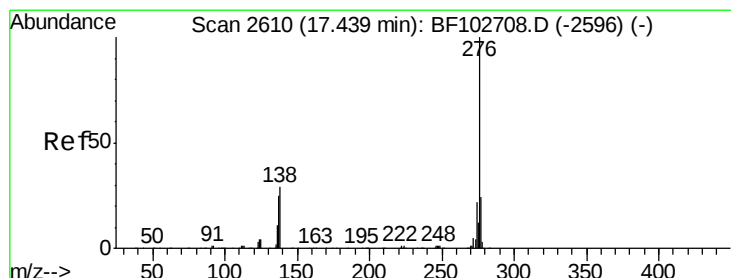
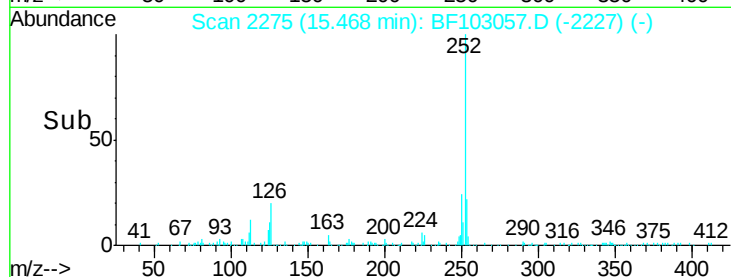
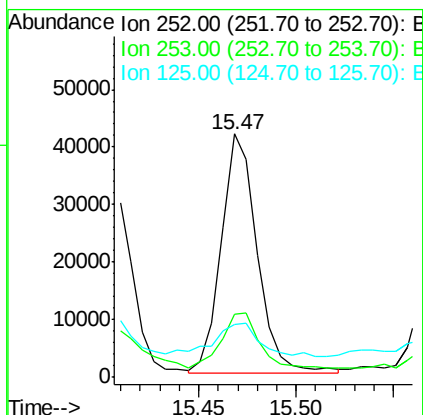
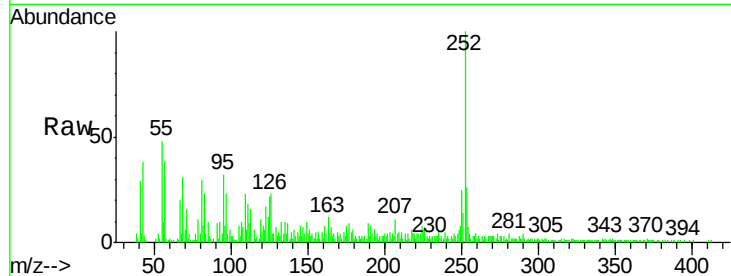
#89
Benzo(a)pyrene
Concen: 3.716 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	21.7	9.8	14.6#

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#91
Benzo(g,h,i)perylene
Concen: 2.431 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	33.5	21.8	32.8#

