

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102918.D
 Acq On : 12 Feb 2018 14:12
 Operator : SJ/JU
 Sample : J1525-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:25:32 AM

Quant Time: Feb 13 00:24:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	191265	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	781376	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	319408	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	460455	20.00	ng	0.00
75) Chrysene-d12	14.05	240	351998	20.00	ng	0.00
86) Perylene-d12	15.54	264	347668	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1102164	87.51	ng	0.02
7) Phenol-d6	6.52	99	1287026	84.87	ng	0.01
23) Nitrobenzene-d5	7.45	82	854910	75.90	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	205307	79.86	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1163280	60.43	ng	0.00
78) Terphenyl-d14	13.00	244	724388	48.73	ng	0.00
Target Compounds						
10) Phenol	6.52	94	98453	6.058	ng	88
49) Dimethylphthalate	9.63	163	158677	6.371	ng	98
70) Phenanthrene	11.43	178	82091	3.201	ng	97
74) Fluoranthene	12.63	202	154483	5.987	ng	98
77) Pyrene	12.86	202	169259	6.132	ng	98
80) Benzo(a)anthracene	14.04	228	91946m	4.153	ng	
82) Chrysene	14.08	228	99267	4.448	ng	96
83) Bis(2-ethylhexyl)phthalate	14.02	149	83225	4.922	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	50919	2.751	ng	99
87) Benzo(b)fluoranthene	15.10	252	144411m	6.407	ng	
89) Benzo(a)pyrene	15.47	252	87292	4.302	ng	# 95
91) Benzo(a,h,i)perylene	17.50	276	51014	3.165	ng	92

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

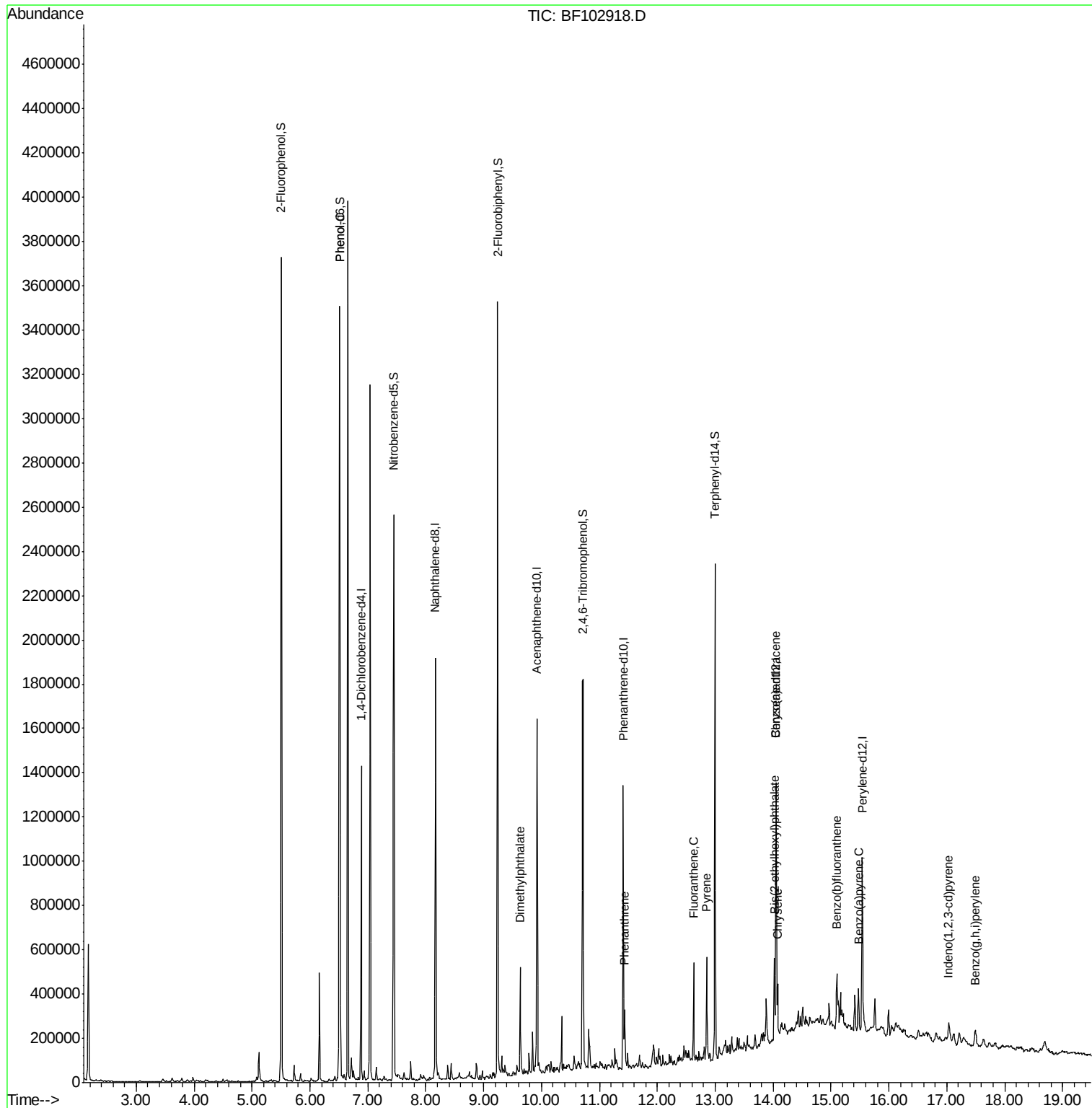
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102918.D
Acq On : 12 Feb 2018 14:12
Operator : SJ/JU
Sample : J1525-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SAMPLE-2

Manual Integrations
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Quant Time: Feb 13 00:24:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

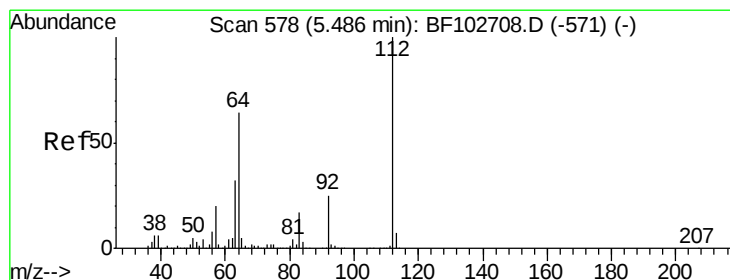
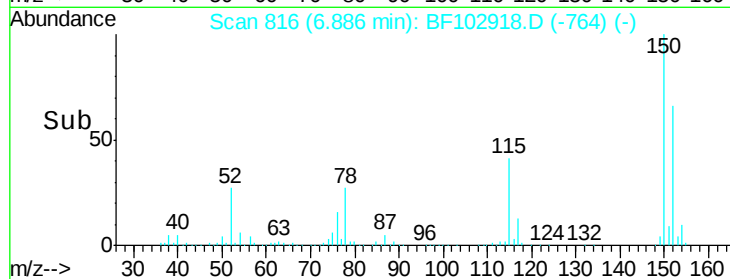
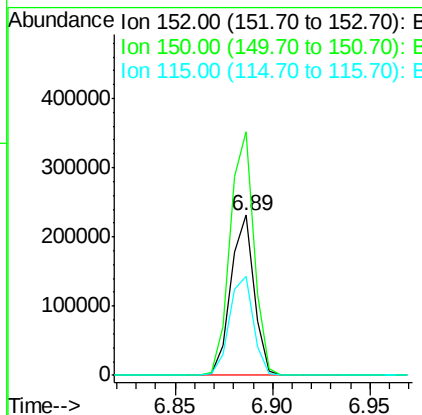
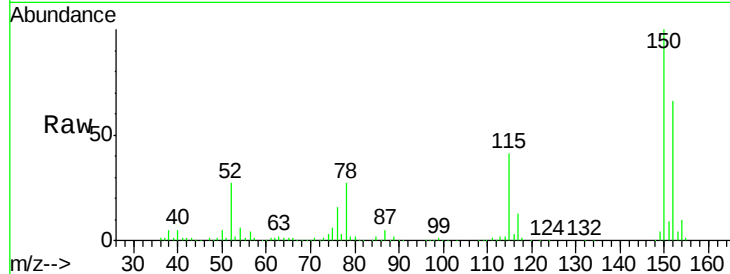
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	61.9	50.1	75.1

Manual Integrations
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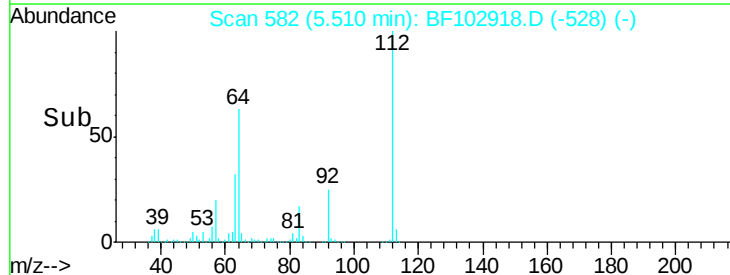
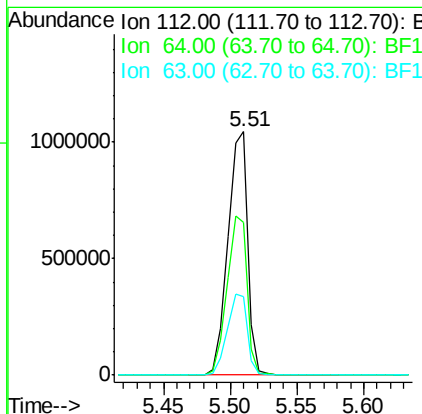
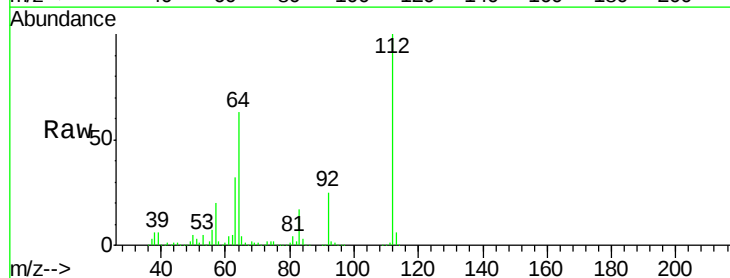
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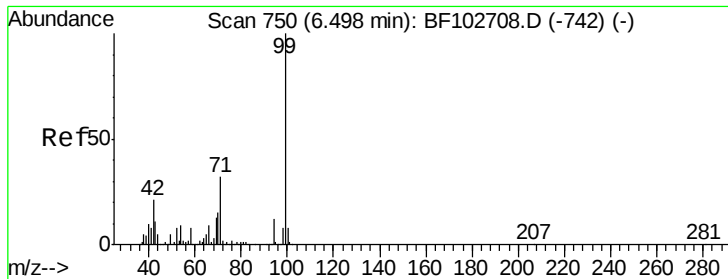


#5

2-Fluorophenol
Concen: 87.513 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	32.4	23.7	35.5





#7

Phenol-d6

Concen: 84.872 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102918.D

Acq: 12 Feb 2018 14:12

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2

Tot Ion: 99 Resp: 1287026

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

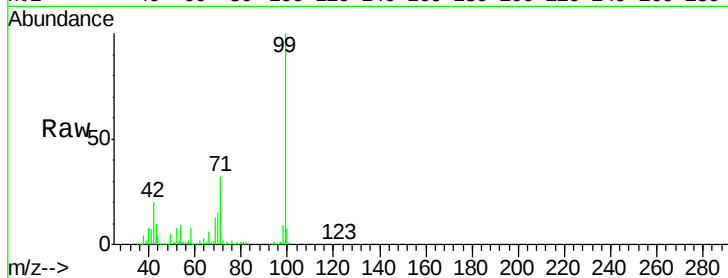
71 32.0 25.4 38.0

Manual Integrations

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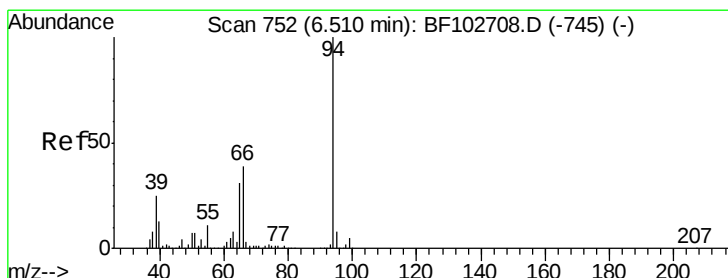
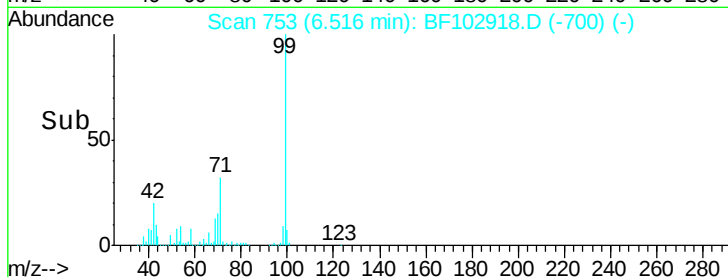
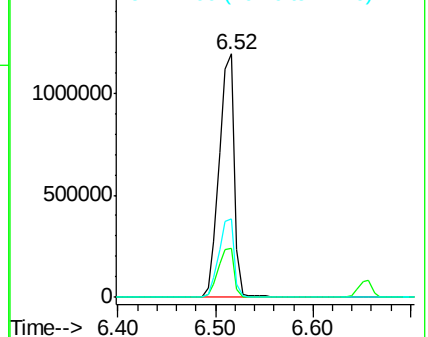
2/13/2018 11:25:32 AM



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: 6.058 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102918.D

Acq: 12 Feb 2018 14:12

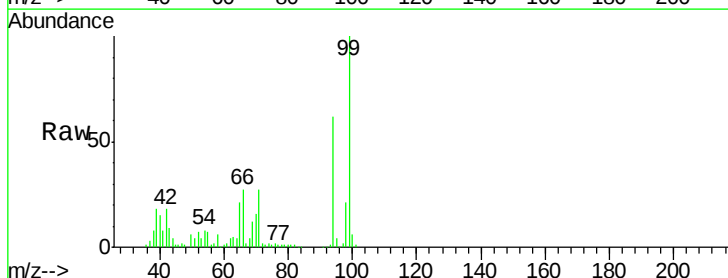
Tgt Ion: 94 Resp: 98453

Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

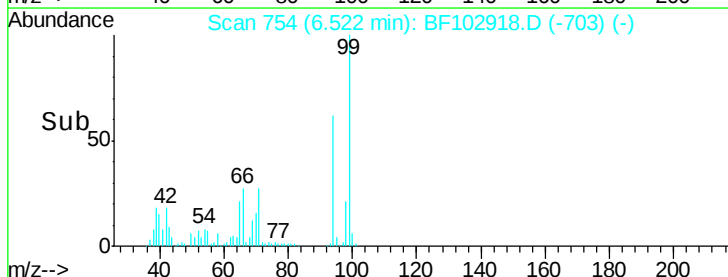
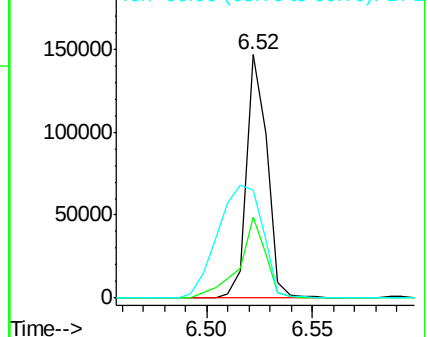
66 44.1 16.2 56.2

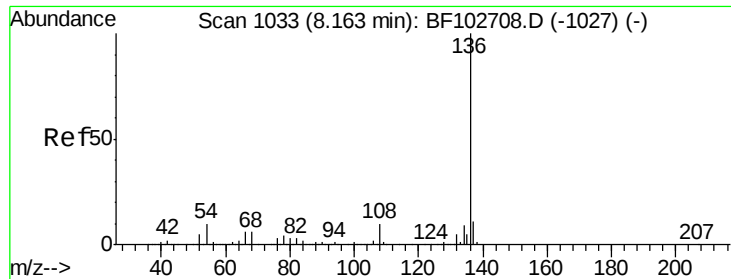


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





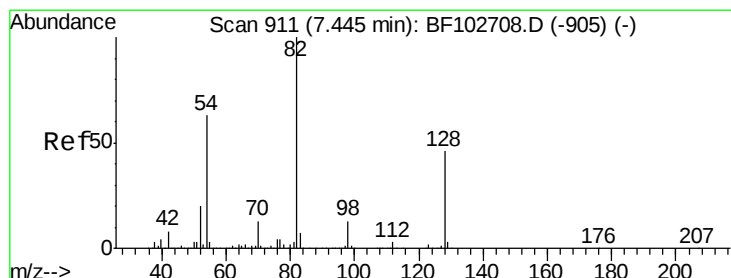
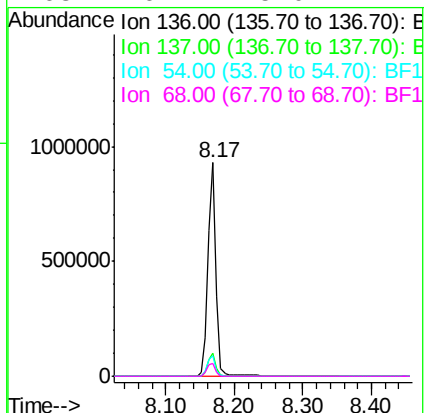
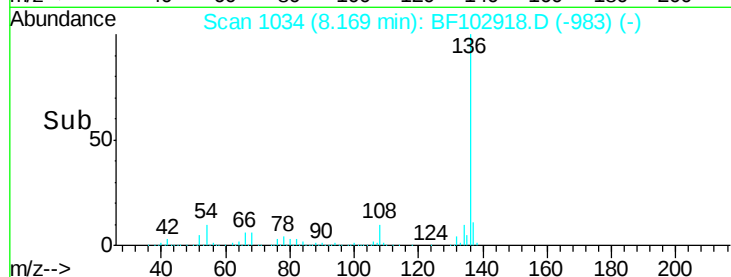
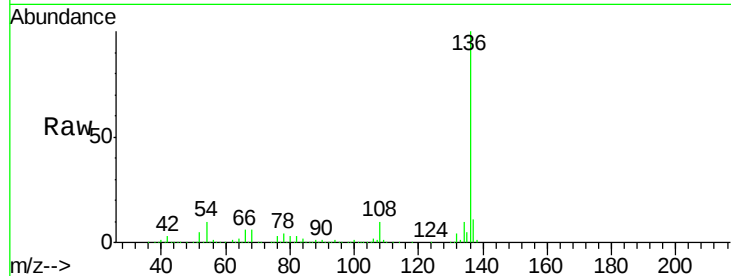
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	6.2	5.0	7.4

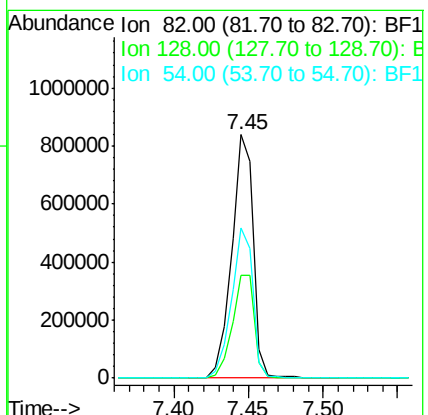
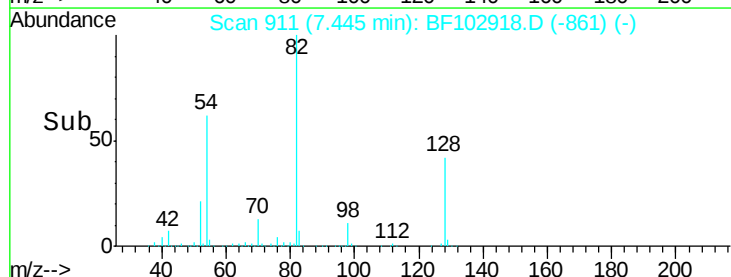
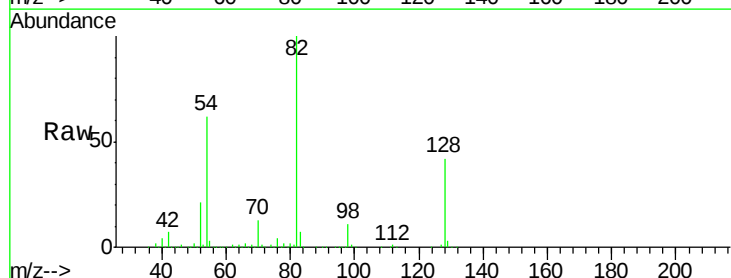
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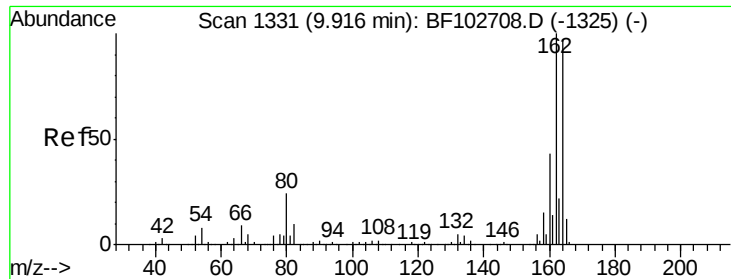
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#23
Nitrobenzene-d5
Concen: 75.899 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.4	36.1	54.1
54	61.7	41.4	62.2





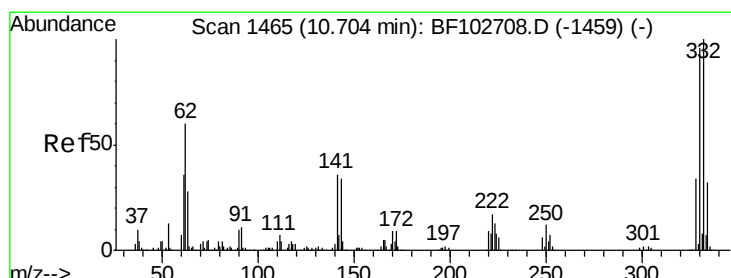
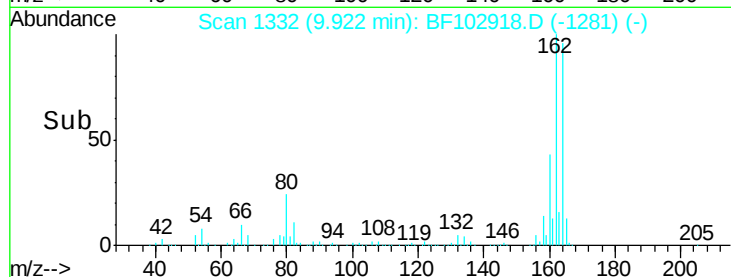
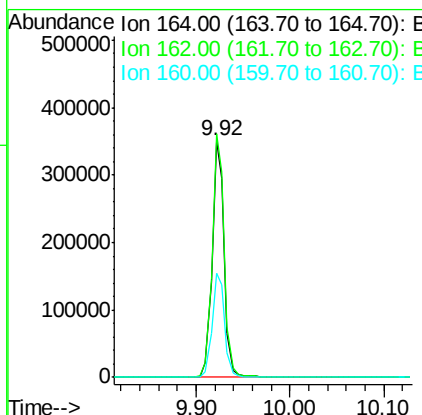
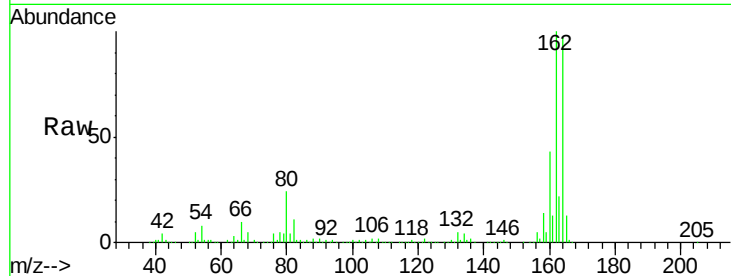
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102918.D
 Acq: 12 Feb 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	86.1	129.1	
160	44.1	38.3	57.5	

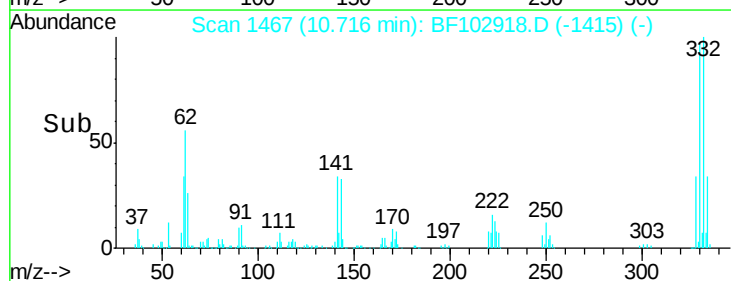
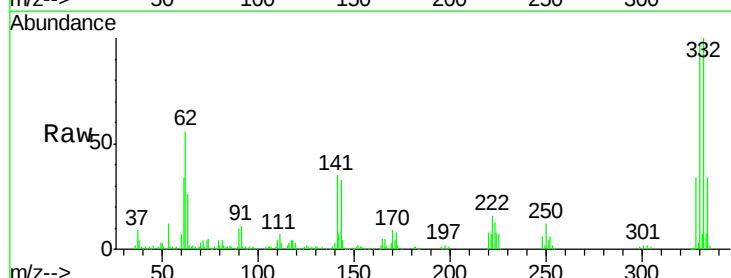
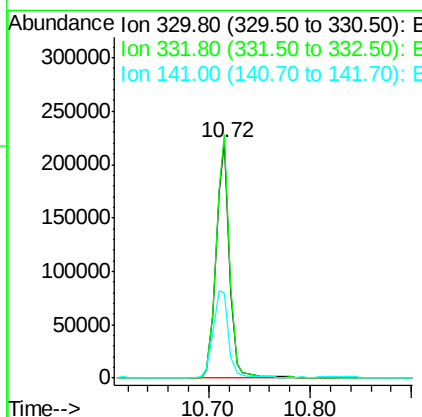
Manual Integrations
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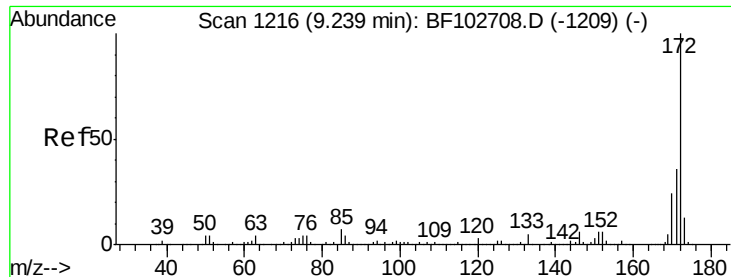
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#41
 2,4,6-Tribromophenol
 Concen: 79.859 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102918.D
 Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.9	77.0	115.6	
141	42.0	29.9	44.9	





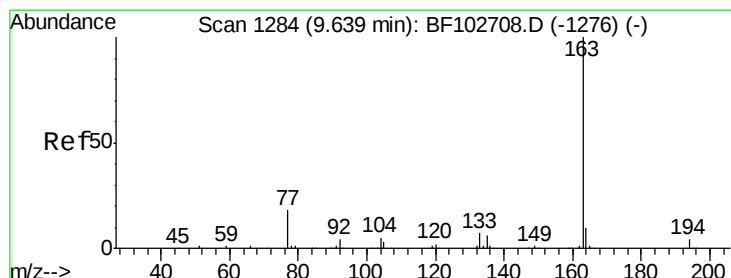
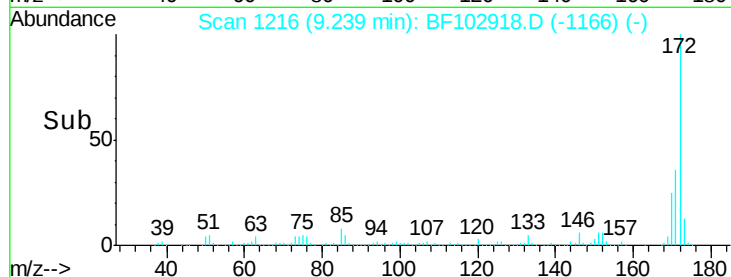
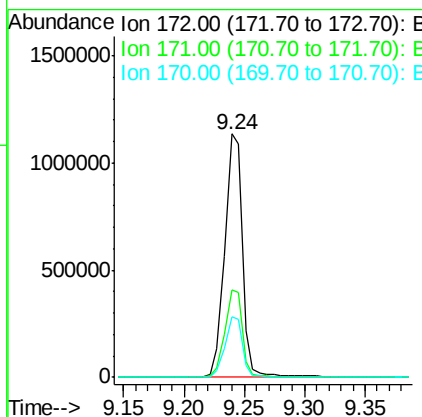
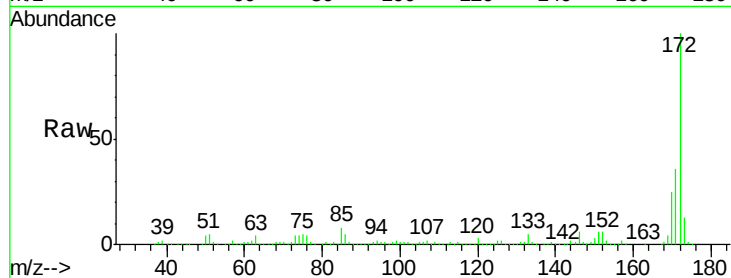
#44
2-Fluorobiphenyl
Concen: 60.434 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.7	19.6	29.4

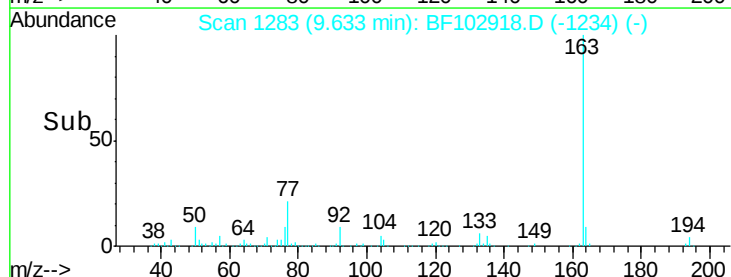
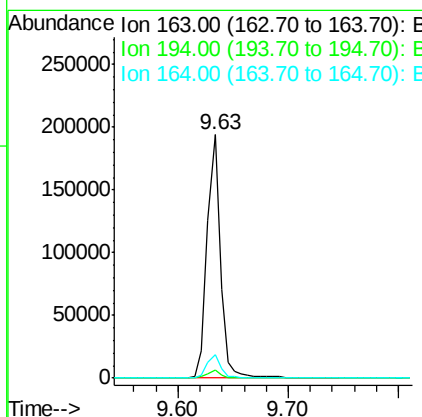
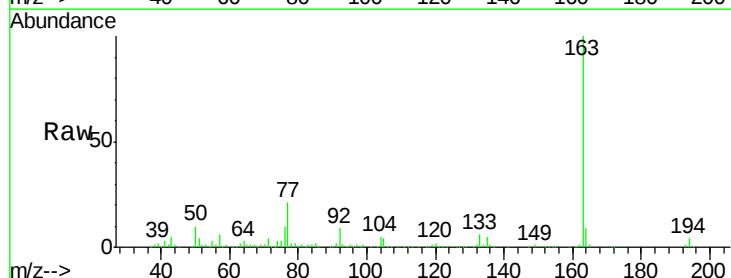
Manual Integrations
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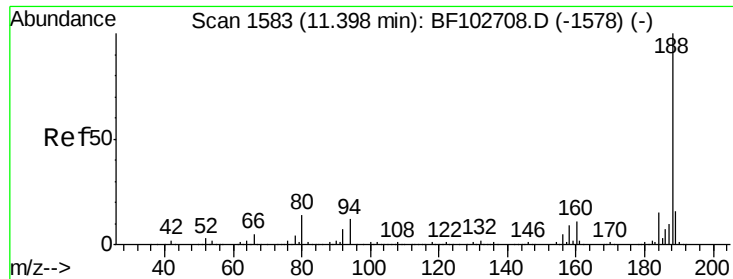
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#49
Dimethylphthalate
Concen: 6.371 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2





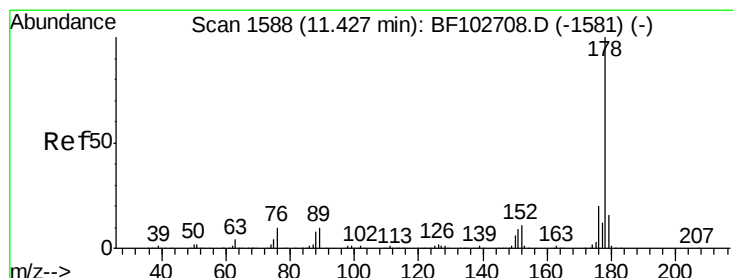
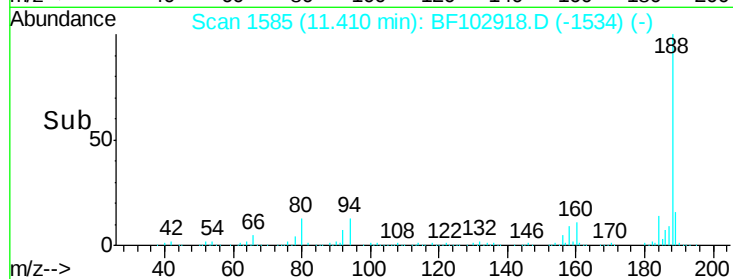
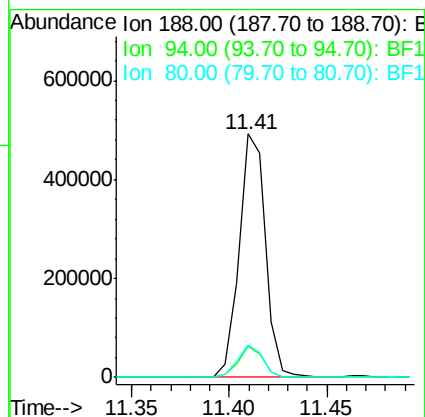
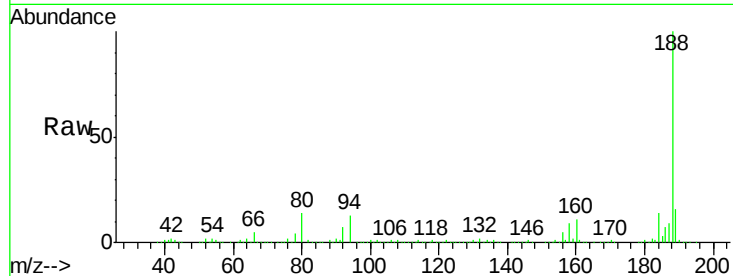
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.8	8.5	12.7#
80	13.6	9.2	13.8

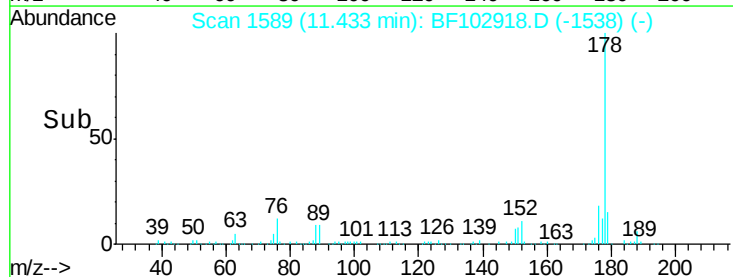
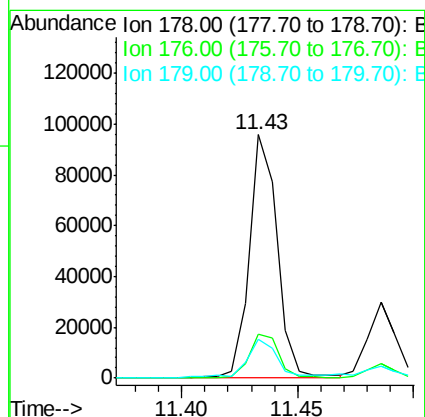
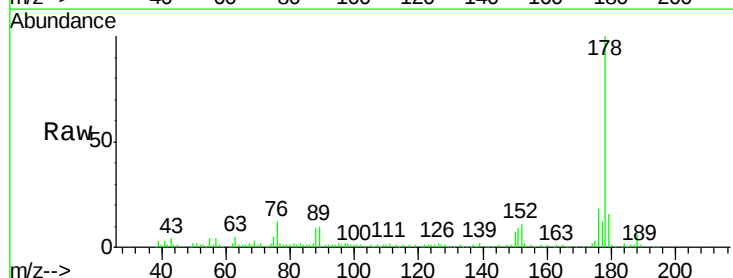
Manual Integrations
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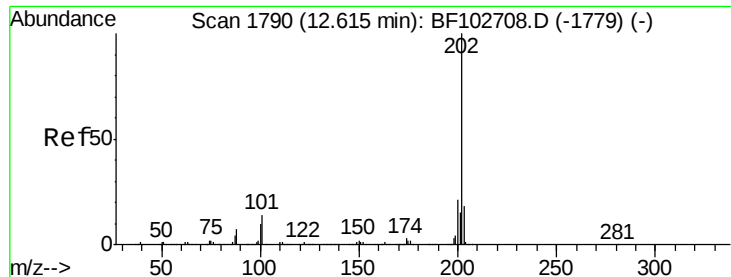
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#70
Phenanthrene
Concen: 3.201 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.7	13.0	19.6





#74

Fluoranthene

Concen: 5.987 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102918.D

Acq: 12 Feb 2018 14:12

Instrument :

BNA_F

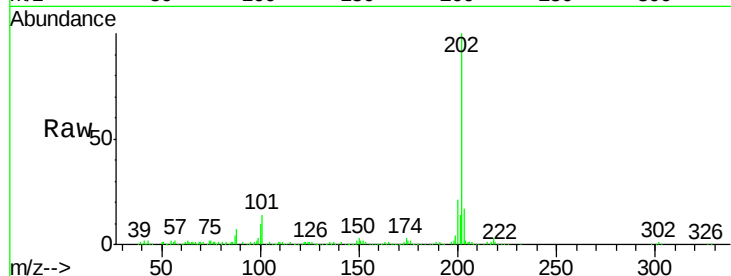
ClientSampled :

SAMPLE-2

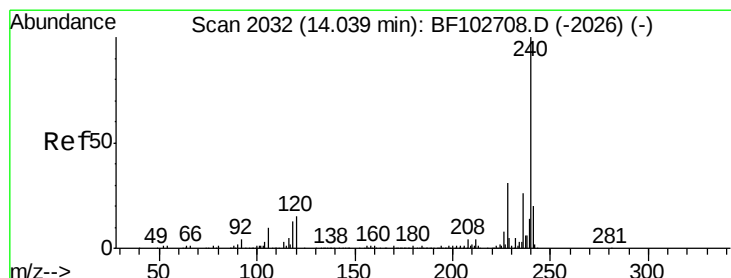
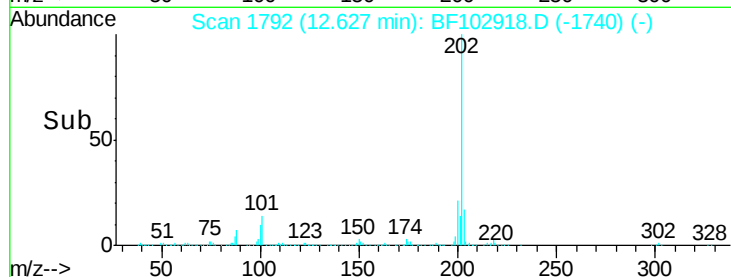
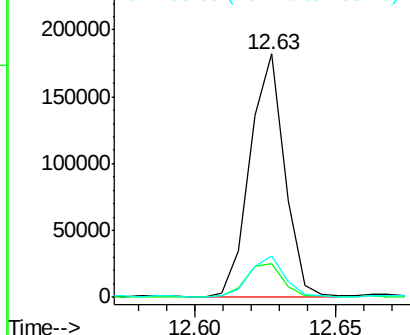
Tot Ion:	202	Resp:	154483
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	34.1
203	16.9	0.0	38.1

Manual Integrations
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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

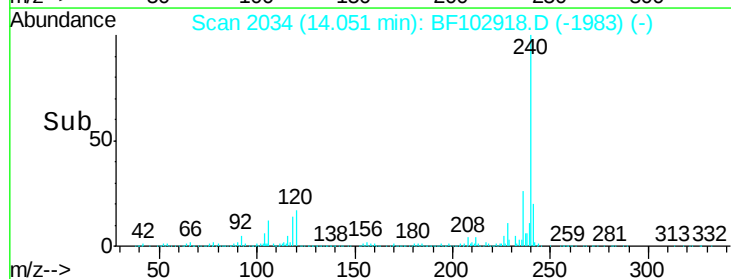
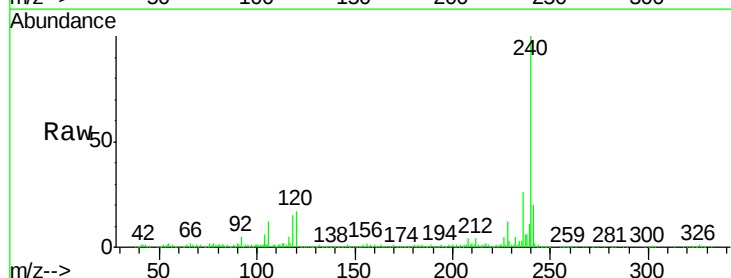
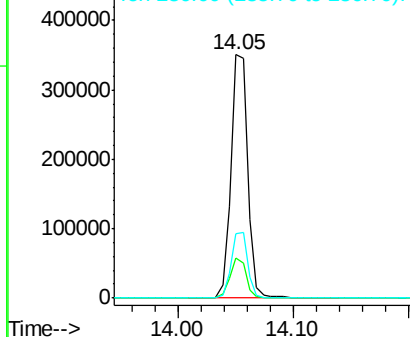
Delta R.T. -0.00 min

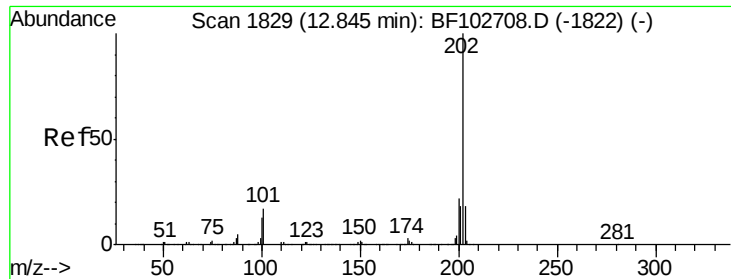
Lab File: BF102918.D

Acq: 12 Feb 2018 14:12

Tgt Ion:	240	Resp:	351998
Ion Ratio	Lower	Upper	
240	100		
120	16.6	9.5	14.3#
236	26.4	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





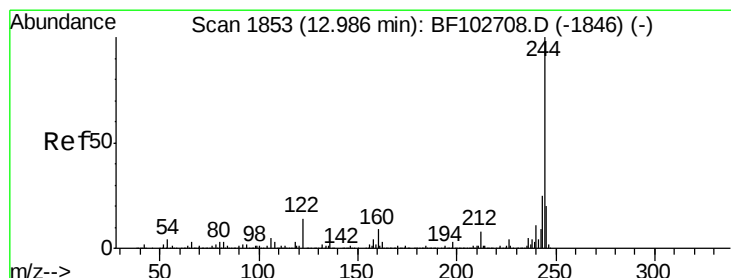
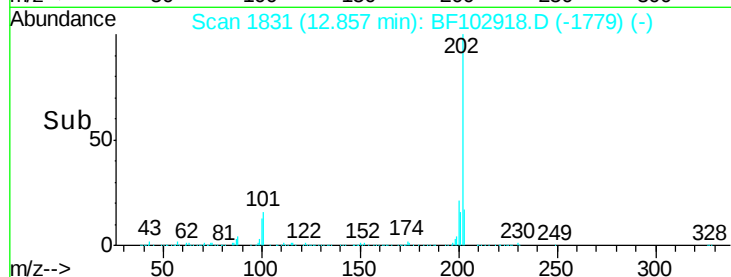
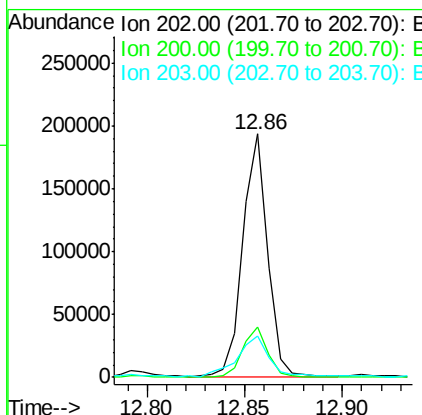
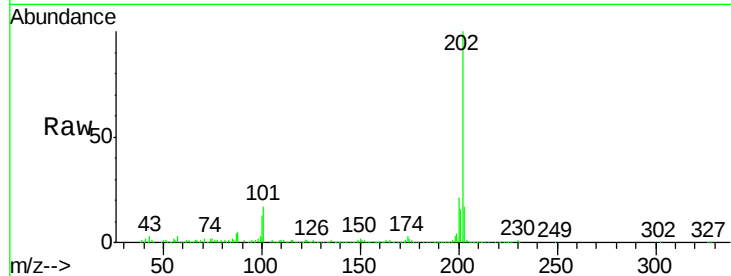
#77
Pvrene
Concen: 6.132 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Instrument :
BNA_F
ClientSampled :
SAMPLE-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.2	14.3	21.5

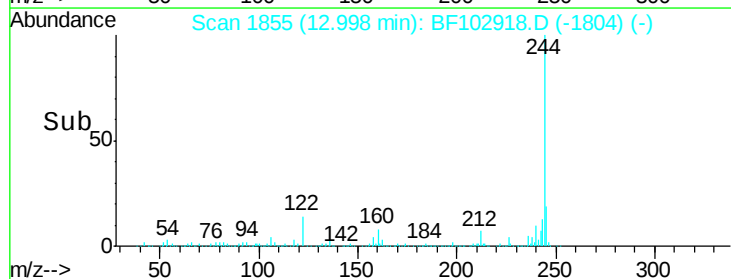
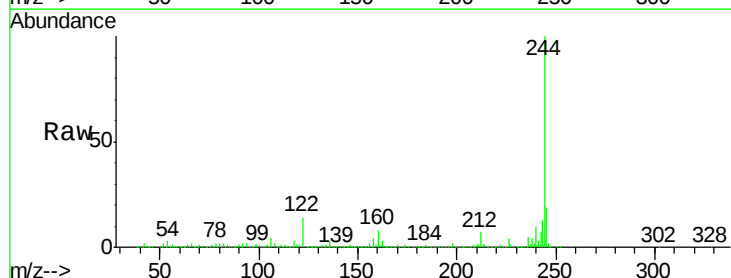
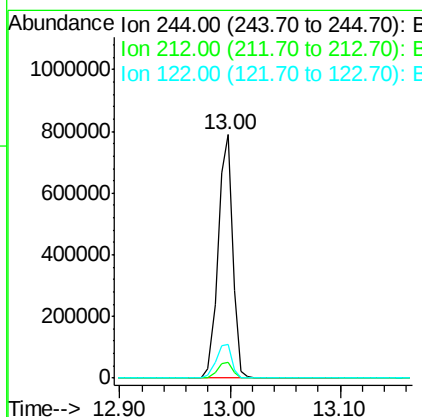
Manual Integrations
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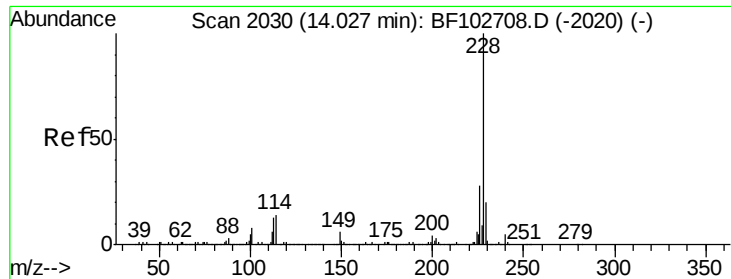
Sohil
2/13/2018 11:25:32 AM



#78
Terphenyl-d14
Concen: 48.727 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.7	11.0	16.4





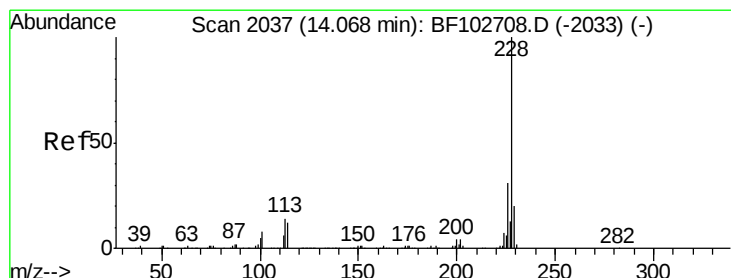
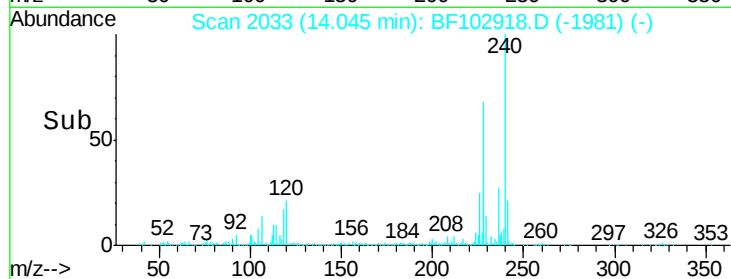
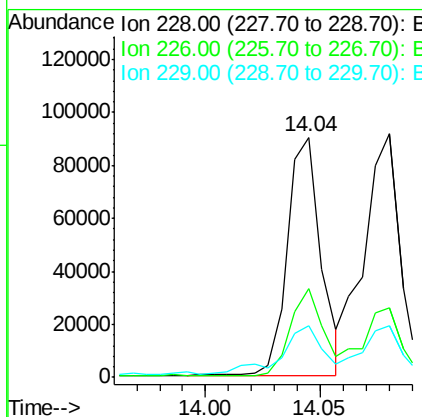
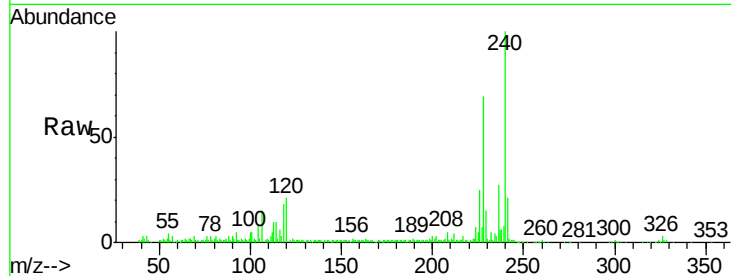
#80
Benzo(a)anthracene
Concen: 4.153 ng m
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.1	22.6	33.8#
229	21.4	15.8	23.6

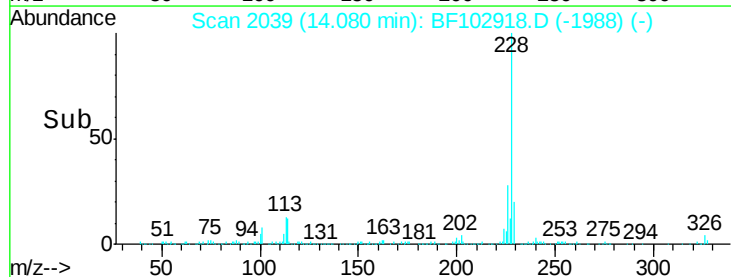
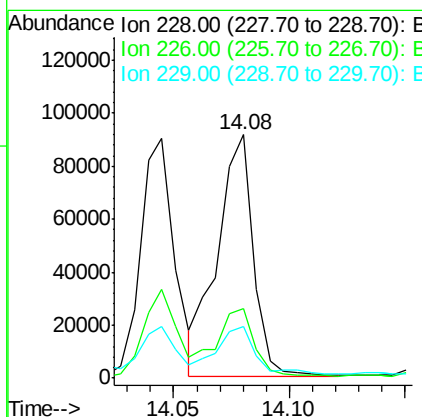
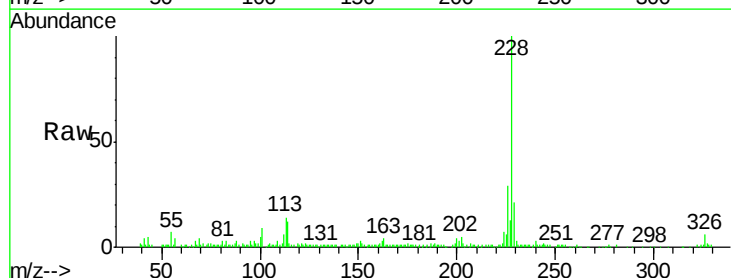
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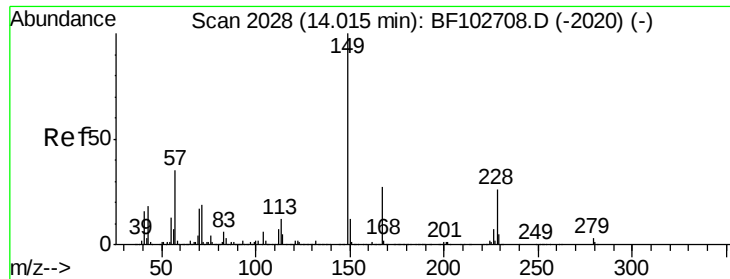
Sohil
2/13/2018 11:25:32 AM



#82
Chrysene
Concen: 4.448 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	21.3	16.2	24.4





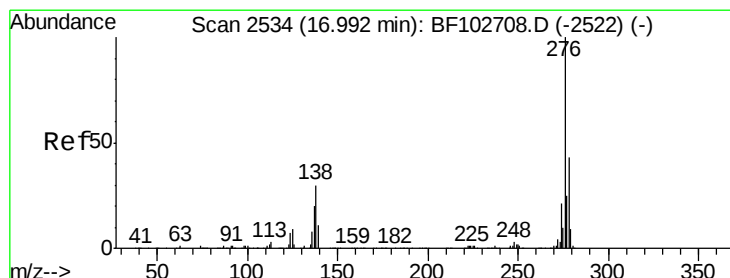
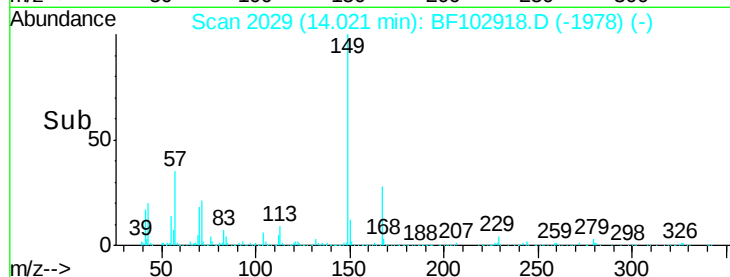
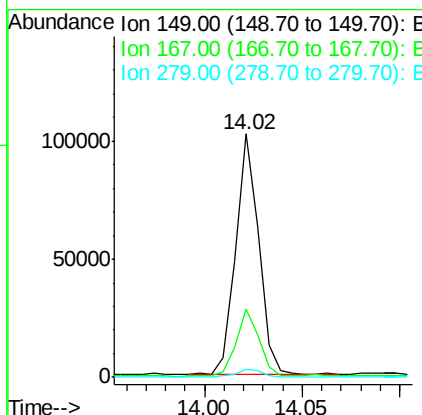
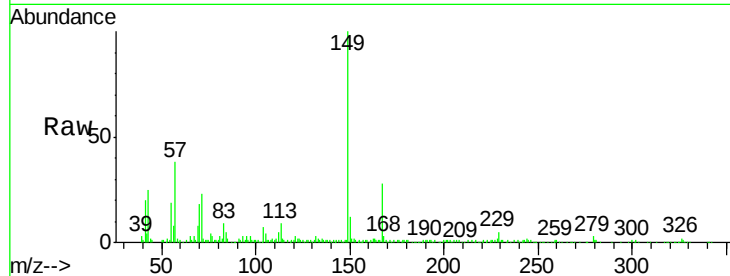
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.922 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	3.3	3.0	4.4

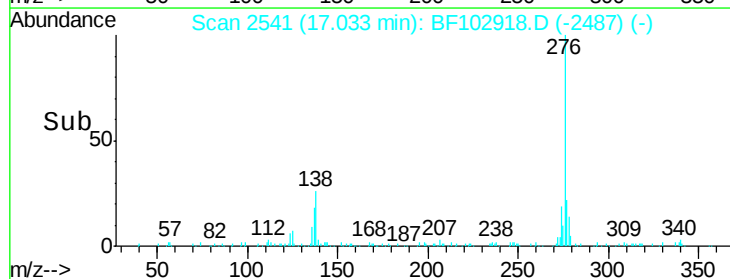
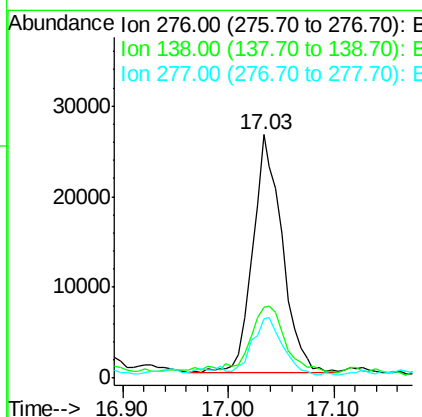
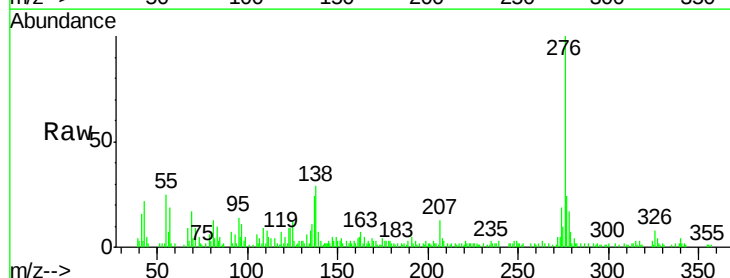
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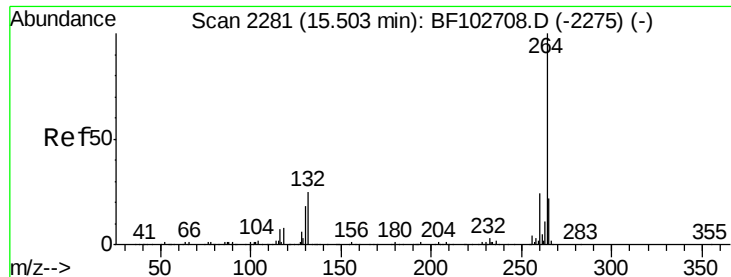
Sohil
2/13/2018 11:25:32 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.751 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	25.1	20.1	30.1





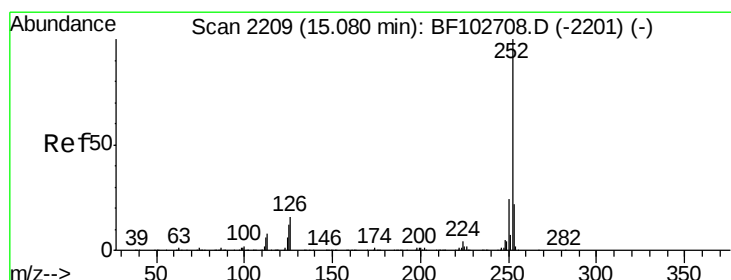
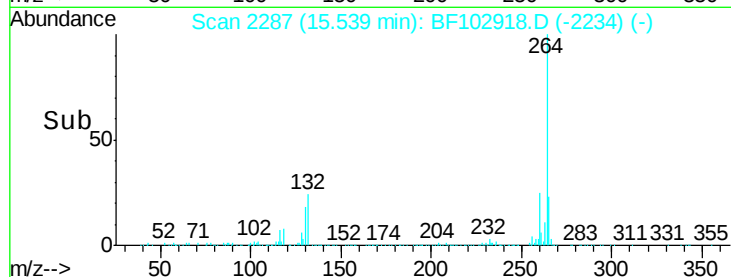
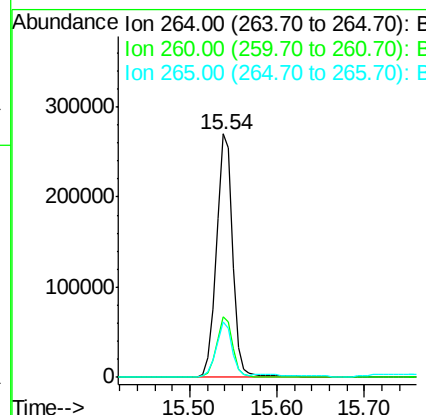
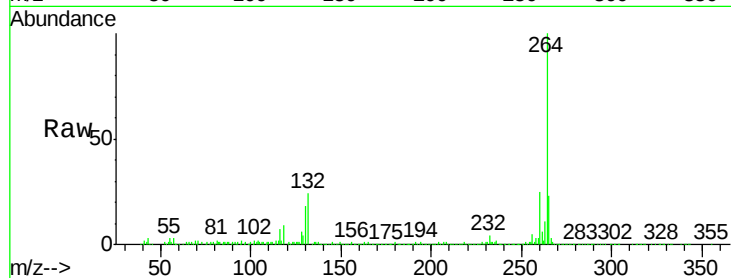
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Instrument :
BNA_F
ClientSampled :
SAMPLE-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.0	17.5	26.3

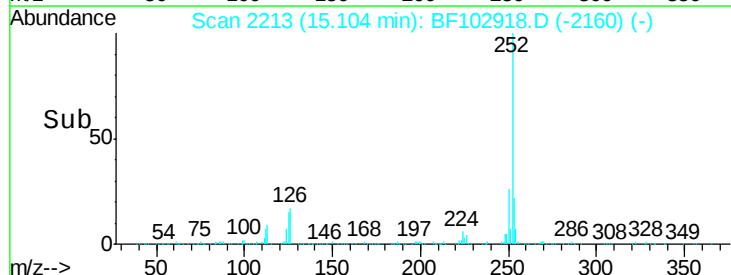
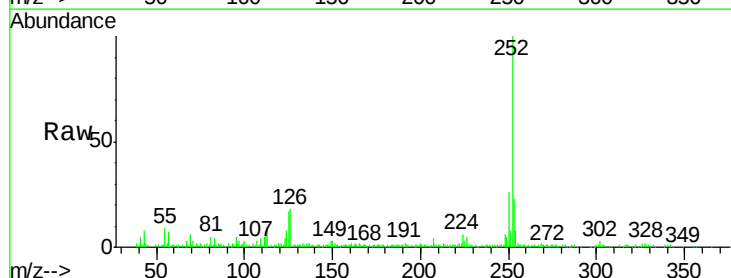
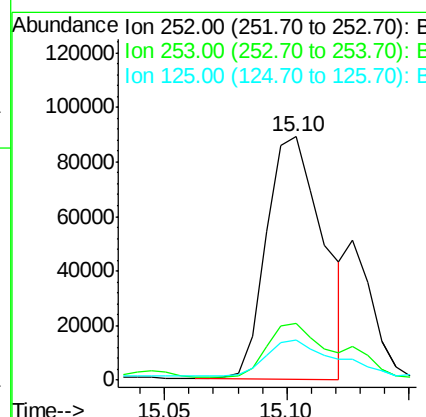
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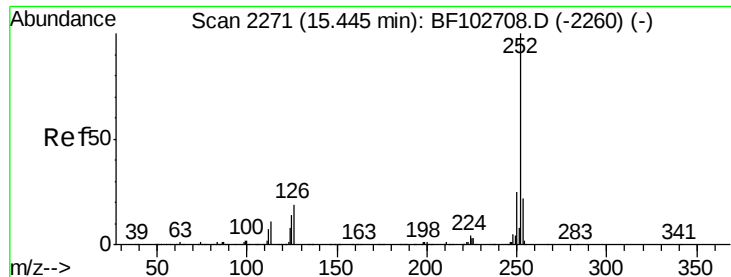
Sohil
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#87
Benzo(b)fluoranthene
Concen: 6.407 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	16.7	9.0	13.6





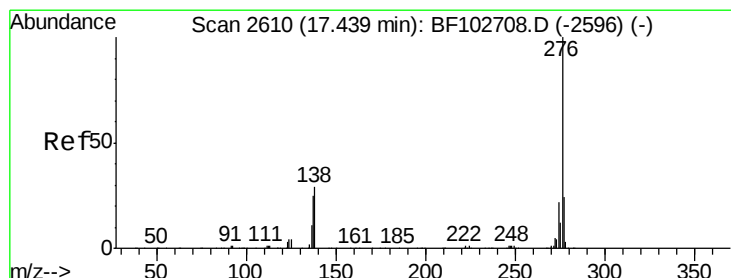
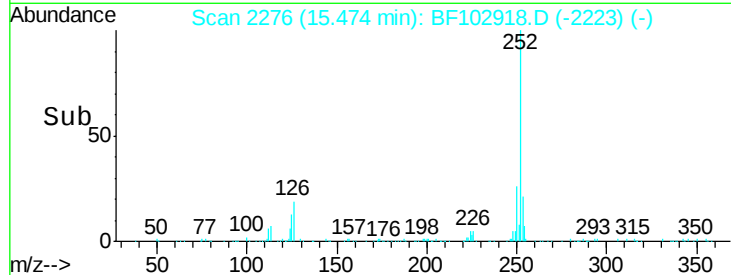
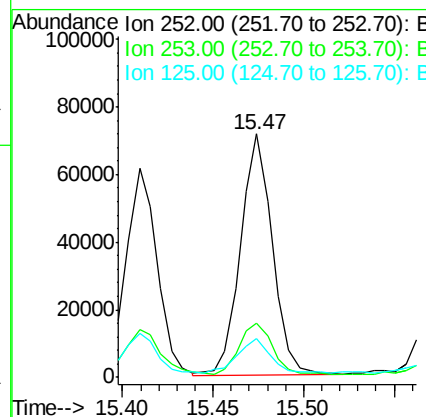
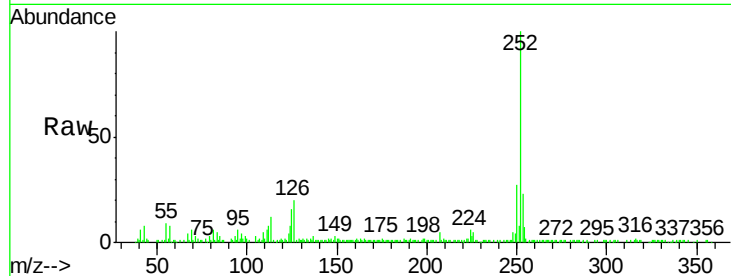
#89
Benzo(a)pyrene
Concen: 4.302 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.1	25.7
125	16.2	9.8	14.6

Manual Integrations
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Sohil
2/13/2018 11:25:32 AM



#91
Benzo(g,h,i)perylene
Concen: 3.165 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF102918.D
Acq: 12 Feb 2018 14:12

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	26.5	17.9	26.9
138	31.0	21.8	32.8

