

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103525.D
 Acq On : 8 Mar 2018 19:09
 Operator : SJ/JU
 Sample : J1820-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
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Sohil
 3/9/2018 11:39:33 AM

Quant Time: Mar 09 00:41:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	146699	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	620897	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	231560	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	345443	20.00	ng	0.00
75) Chrysene-d12	14.06	240	239515	20.00	ng	0.00
86) Perylene-d12	15.56	264	207474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	979496	100.98	ng	0.00
7) Phenol-d6	6.50	99	1200169	101.12	ng	0.00
23) Nitrobenzene-d5	7.43	82	821778	75.58	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	168292	85.86	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1071548	78.20	ng	0.00
78) Terphenyl-d14	12.99	244	671091	67.35	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.43	178	62010	3.262	ng	98
73) Di-n-butylphthalate	11.95	149	363000	14.943	ng	99
74) Fluoranthene	12.62	202	104198	5.454	ng	99
77) Pyrene	12.85	202	97192	5.205	ng	97
80) Benzo(a)anthracene	14.04	228	47910	3.083	ng	97
82) Chrysene	14.09	228	46968	3.113	ng	99
87) Benzo(b)fluoranthene	15.12	252	60089m	4.405	ng	
89) Benzo(a)pyrene	15.50	252	39668	3.256	ng	# 93
91) Benzo(g,h,i)perylene	17.59	276	23396	2.543	ng	97

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

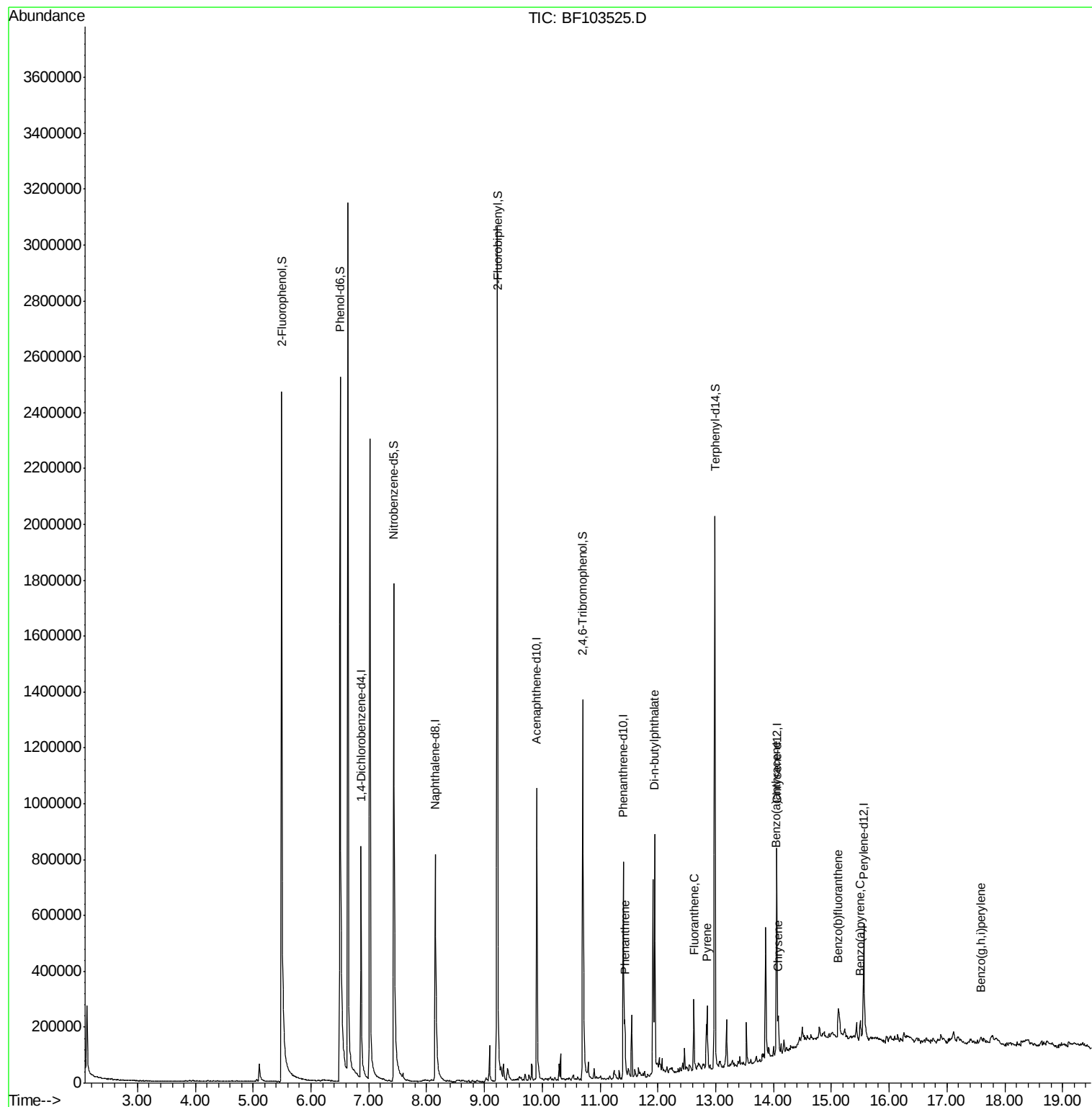
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103525.D
Acq On : 8 Mar 2018 19:09
Operator : SJ/JU
Sample : J1820-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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#1

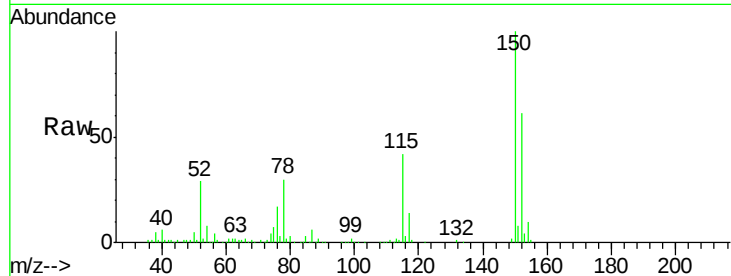
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampled :
TP-1

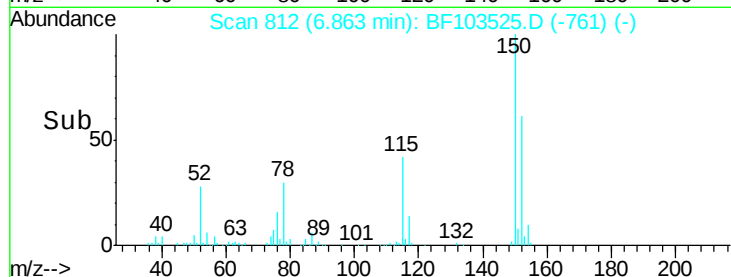
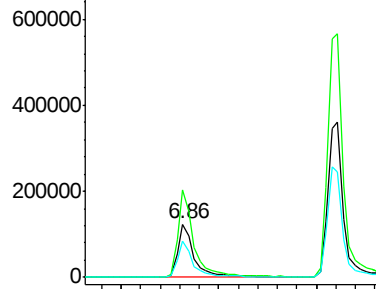
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	124.6	186.8
115	68.4	50.1	75.1

Manual Integrations
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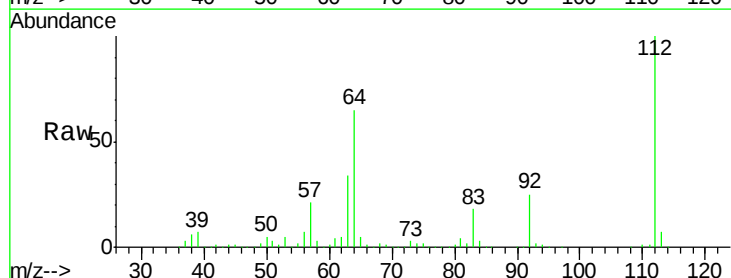
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



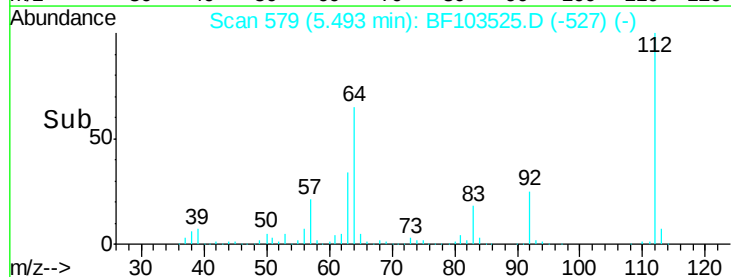
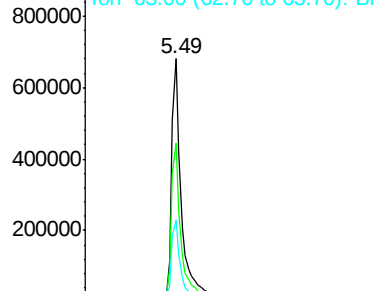
#5

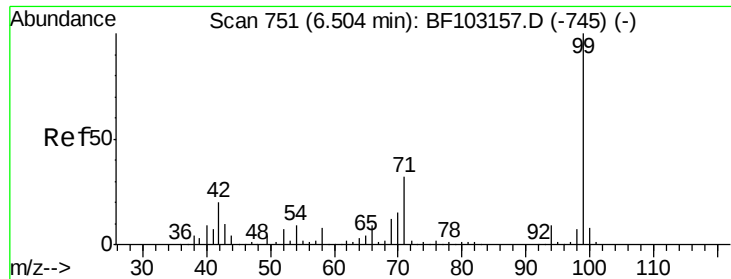
2-Fluorophenol
Concen: 100.983 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	33.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.119 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103525.D

Acq: 8 Mar 2018 19:09

Instrument :

BNA_F

ClientSampled :

TP-1

Tot Ion: 99 Resp: 1200169

Ion Ratio Lower Upper

99 100

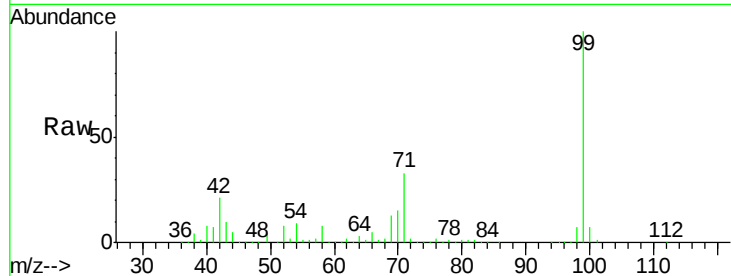
42 20.6 14.5 21.7

71 32.8 25.4 38.0

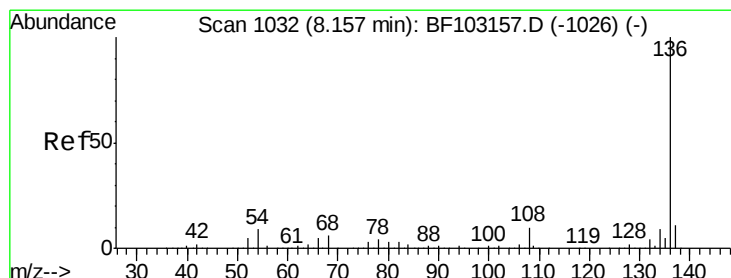
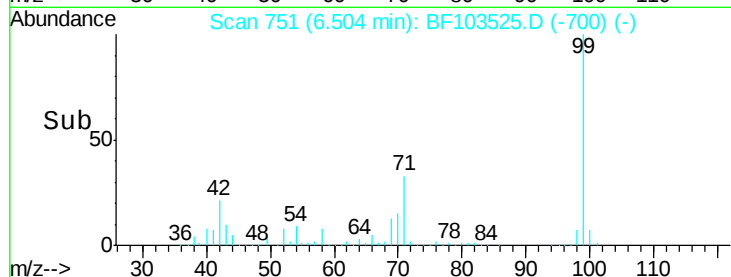
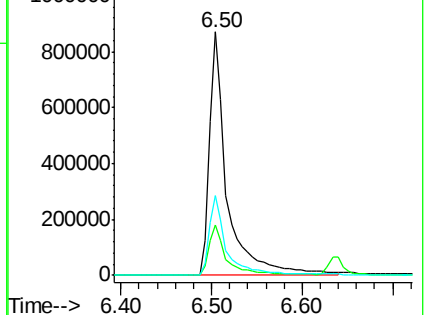
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1
800000
600000
400000
200000
0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103525.D

Acq: 8 Mar 2018 19:09

Tgt Ion: 136 Resp: 620897

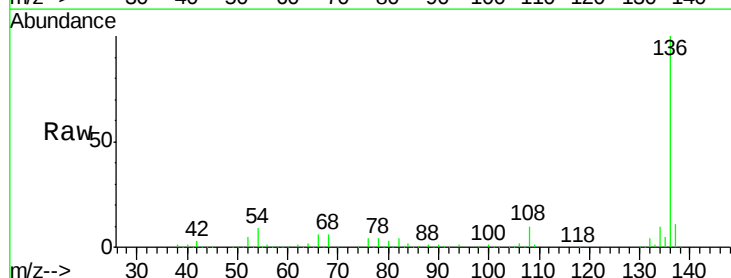
Ion Ratio Lower Upper

136 100

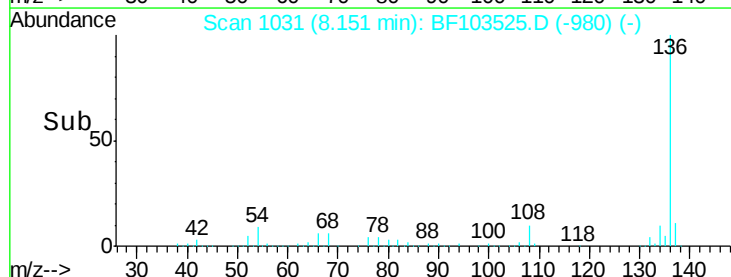
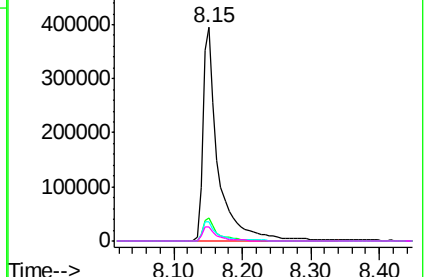
137 10.7 8.9 13.3

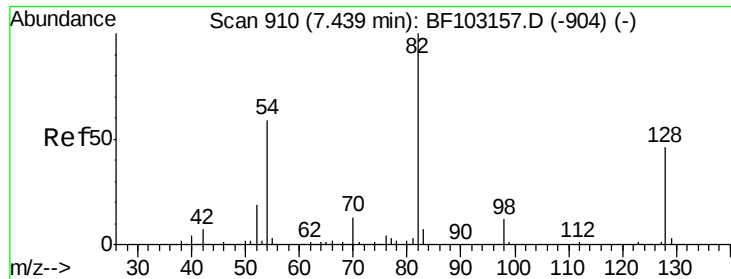
54 8.9 6.6 9.8

68 6.5 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
300000
200000
100000
0





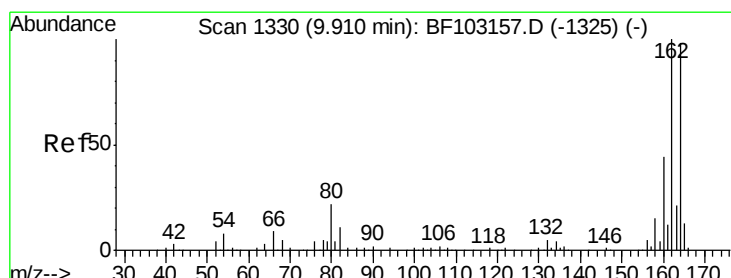
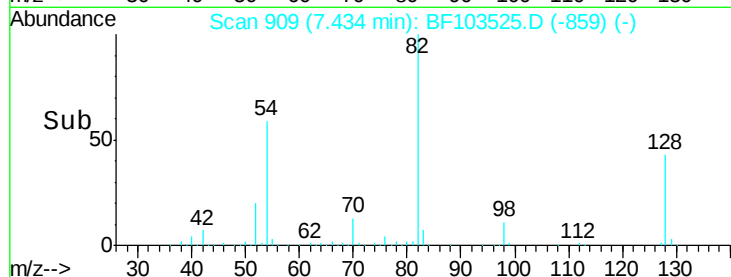
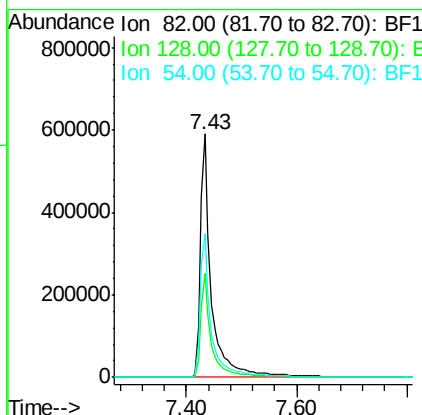
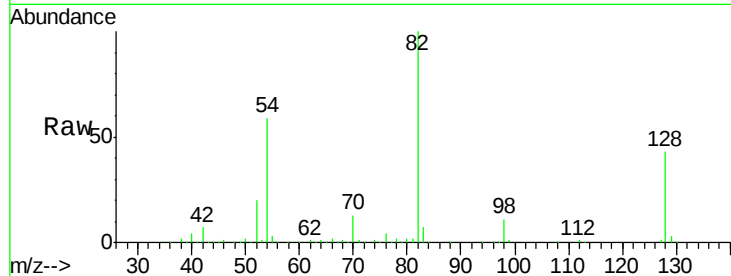
#23
 Nitrobenzene-d5
 Concen: 75.585 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103525.D
 Acq: 8 Mar 2018 19:09

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	821778		
128	42.8		36.1	54.1
54	59.0		41.4	62.2

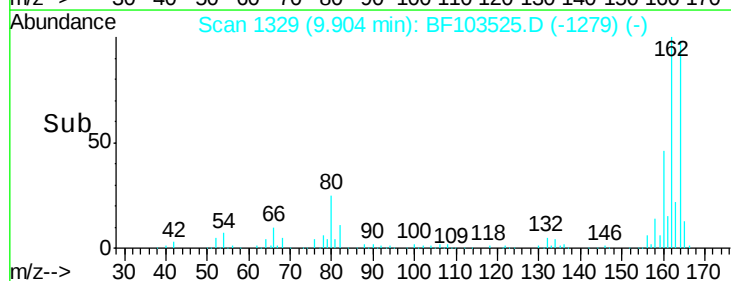
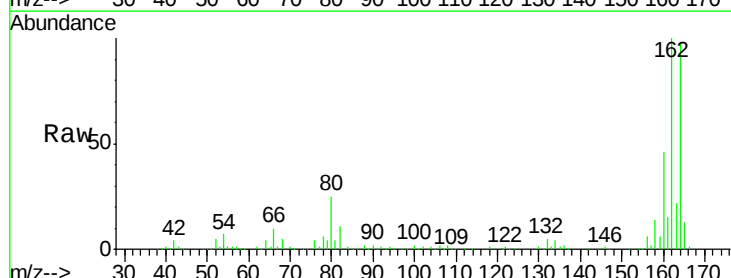
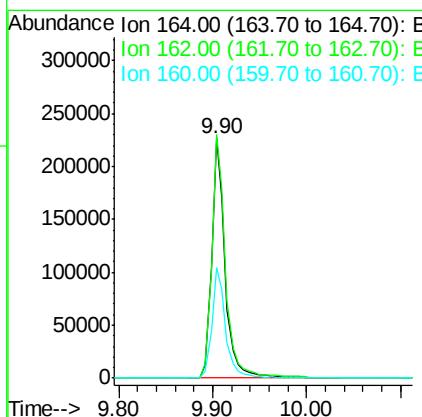
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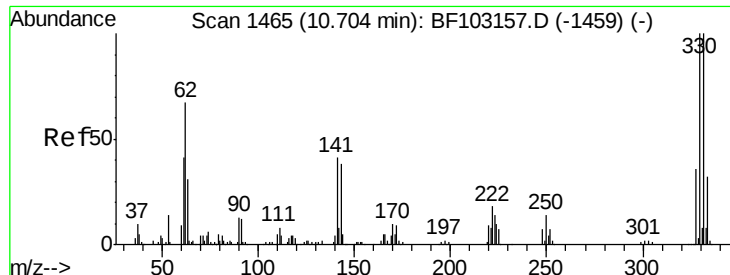
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103525.D
 Acq: 8 Mar 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231560		
162	101.8		86.1	129.1
160	46.4		38.3	57.5





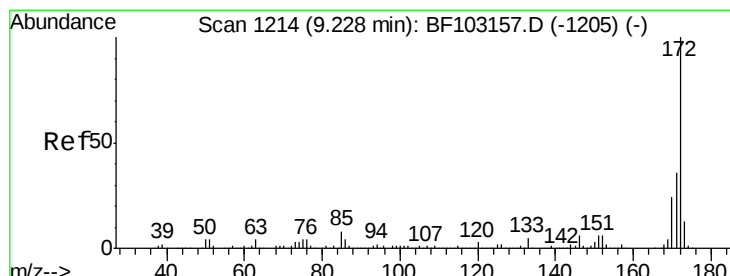
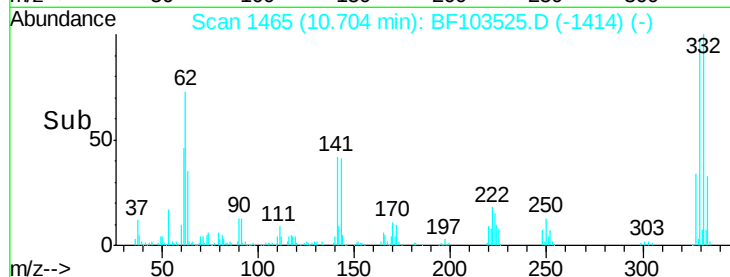
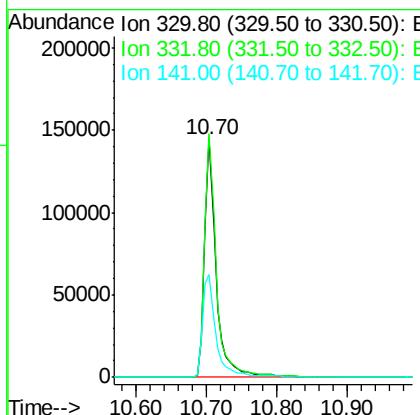
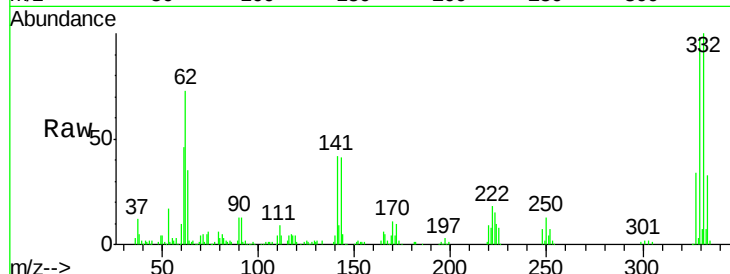
#41
 2,4,6-Tribromophenol
 Concen: 85.862 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103525.D
 Acq: 8 Mar 2018 19:09

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	168292		
332	103.1	77.0	115.6	
141	49.7	29.9	44.9	

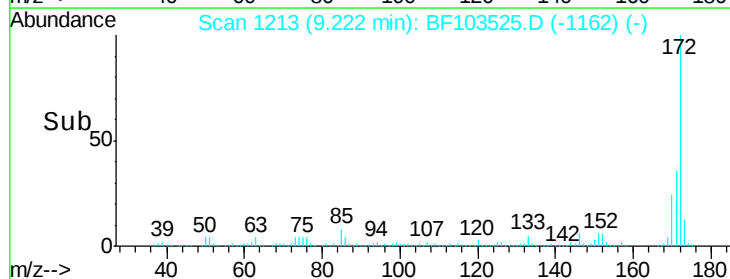
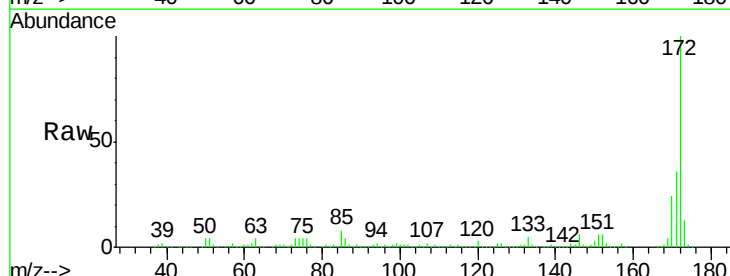
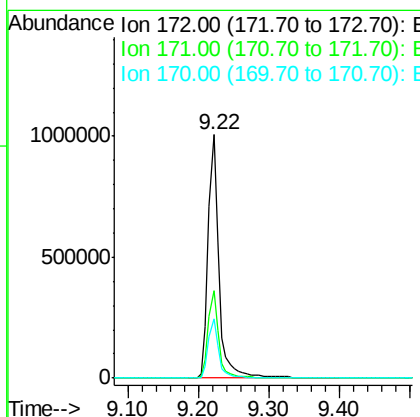
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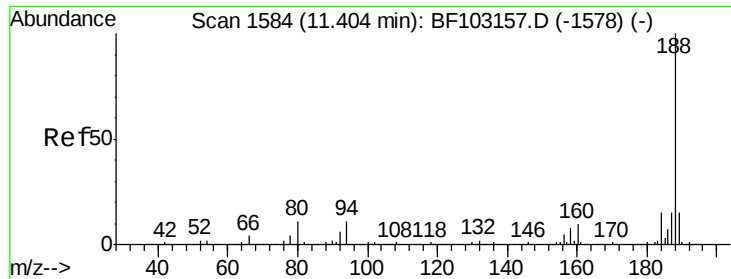
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#44
 2-Fluorobiphenyl
 Concen: 78.200 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103525.D
 Acq: 8 Mar 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1071548		
171	35.7	29.7	44.5	
170	24.4	19.6	29.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103525.D

Acq: 8 Mar 2018 19:09

Instrument :

BNA_F

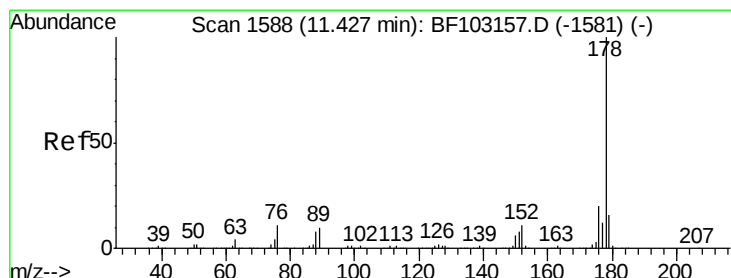
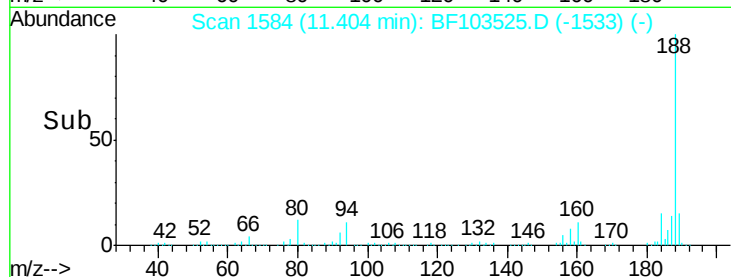
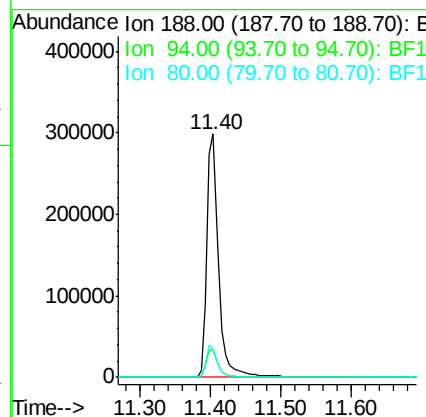
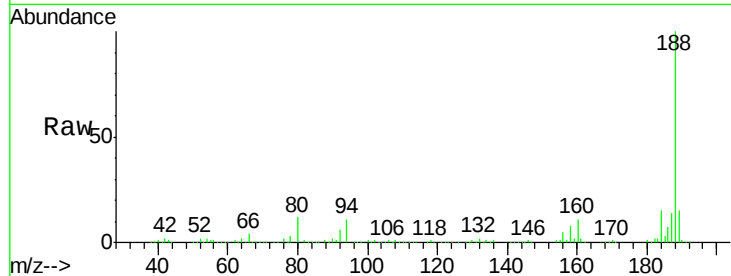
ClientSampled :

TP-1

Tot Ion:	188	Resp:	345443
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	11.8	9.2	13.8

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#70

Phenanthrene

Concen: 3.262 ng

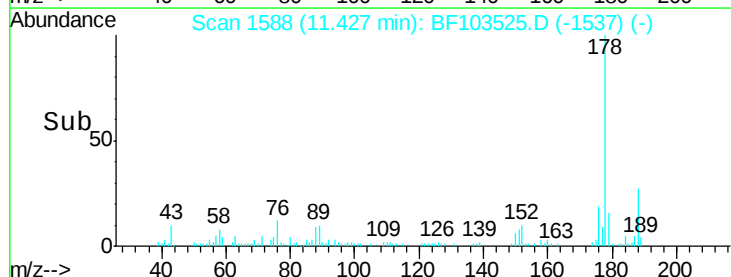
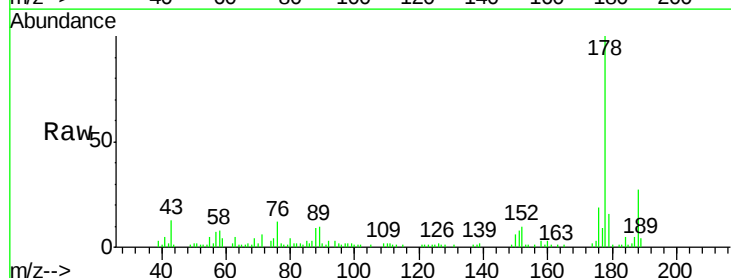
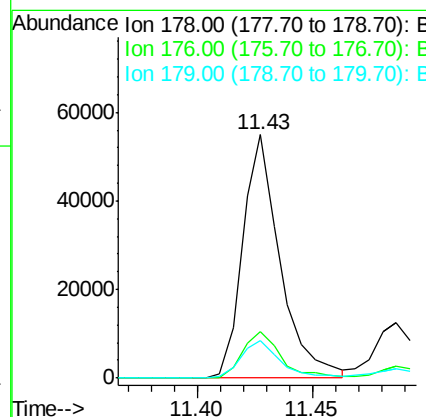
RT: 11.43 min Scan# 1588

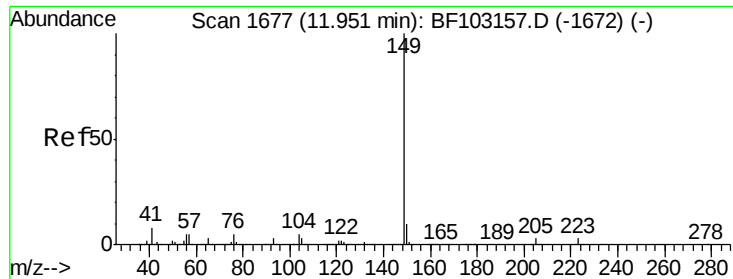
Delta R.T. 0.00 min

Lab File: BF103525.D

Acq: 8 Mar 2018 19:09

Tgt Ion:	178	Resp:	62010
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.8
179	15.7	13.0	19.6





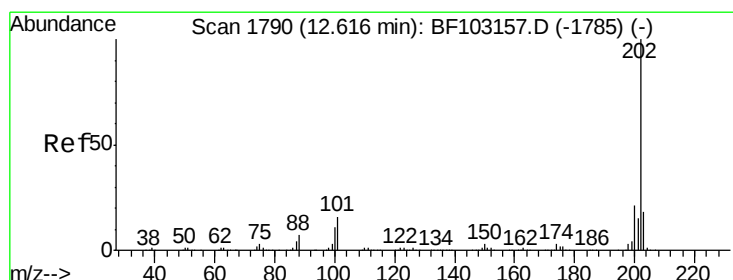
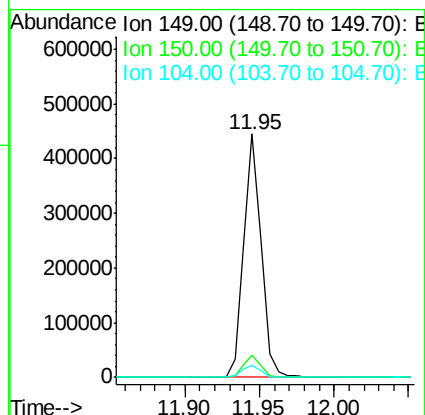
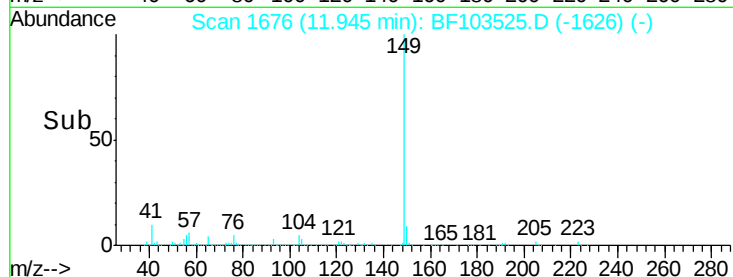
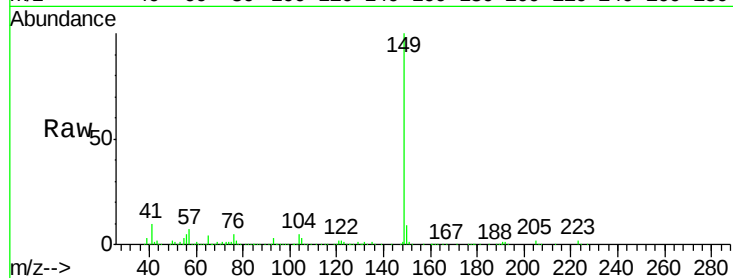
#73
Di-n-butylphthalate
Concen: 14.943 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:	149	Resp:	363000
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.0	3.8	5.8

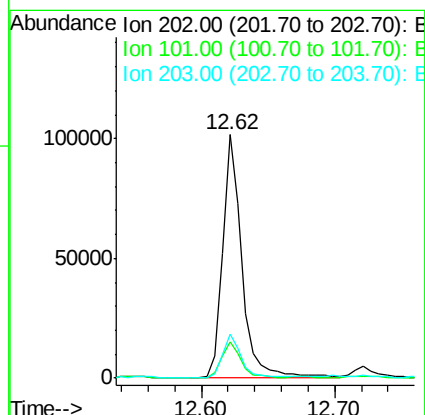
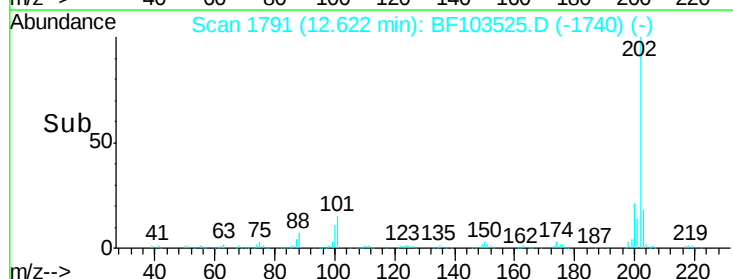
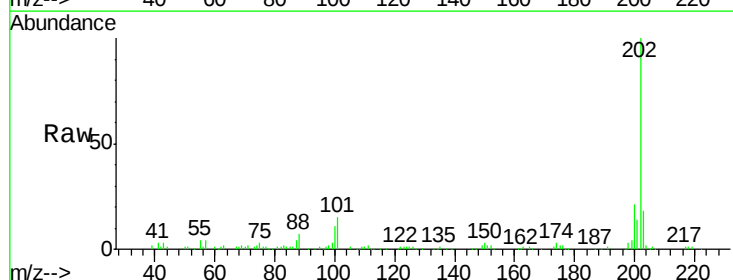
Manual Integrations
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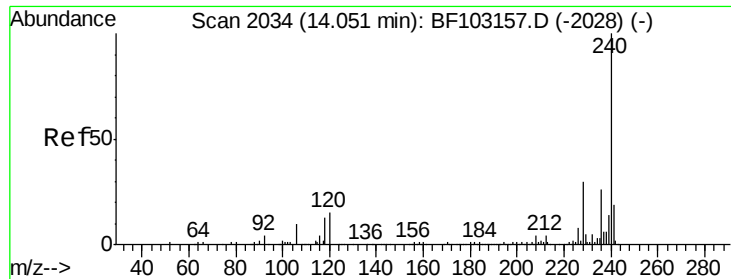
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#74
Fluoranthene
Concen: 5.454 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:	202	Resp:	104198
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103525.D

Acq: 8 Mar 2018 19:09

Instrument :

BNA_F

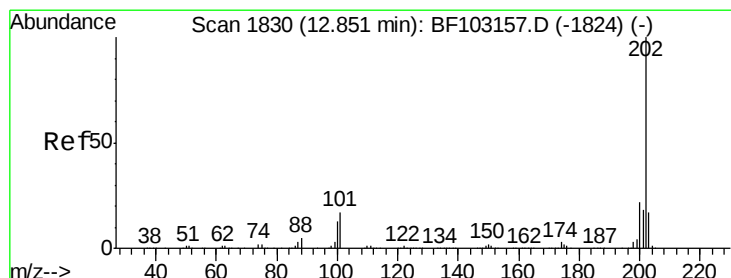
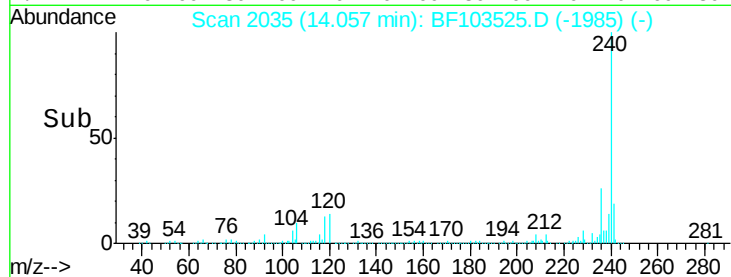
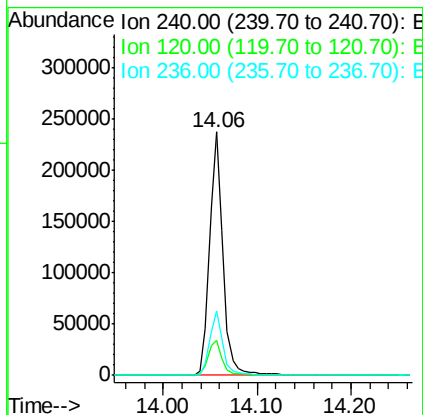
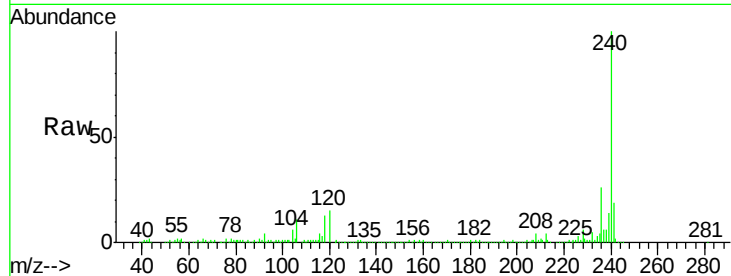
ClientSampleId :

TP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 5.205 ng

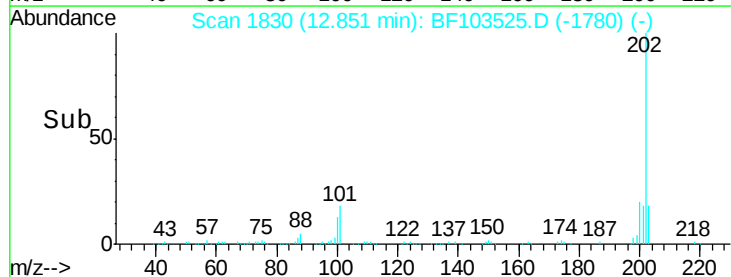
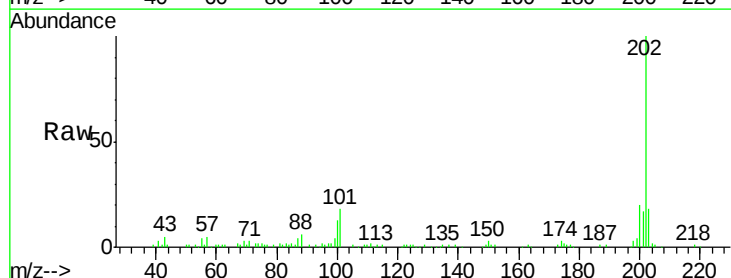
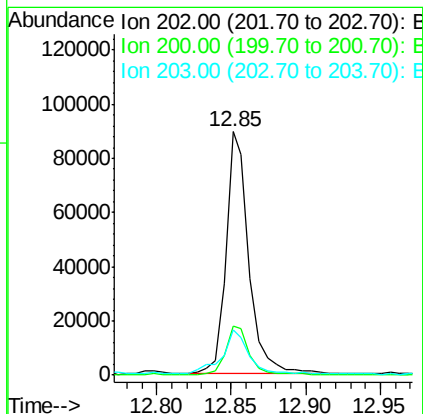
RT: 12.85 min Scan# 1830

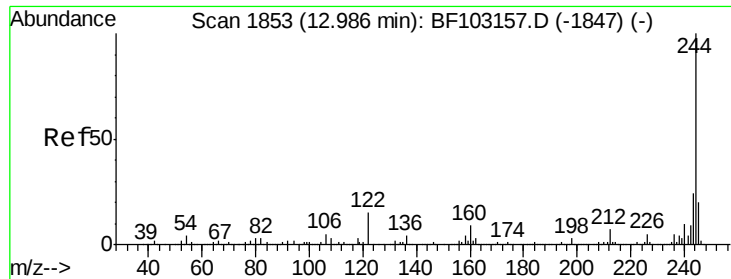
Delta R.T. -0.01 min

Lab File: BF103525.D

Acq: 8 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.4	14.3	21.5





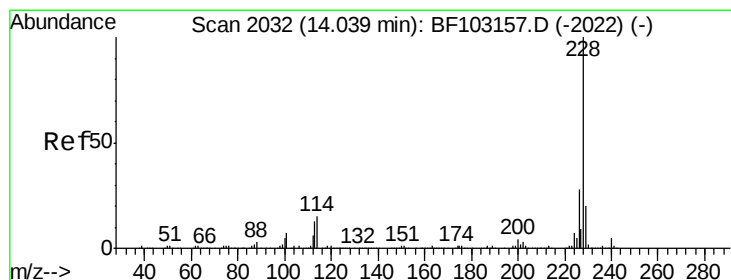
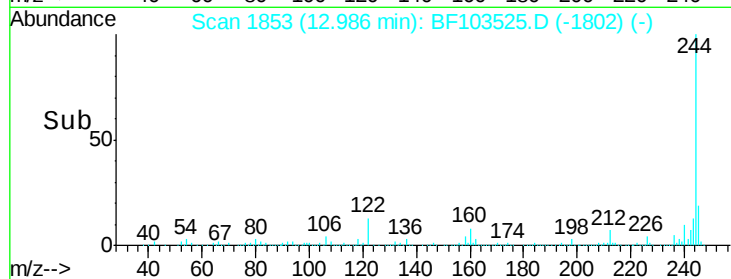
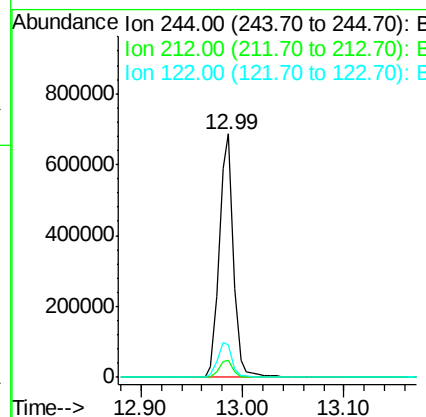
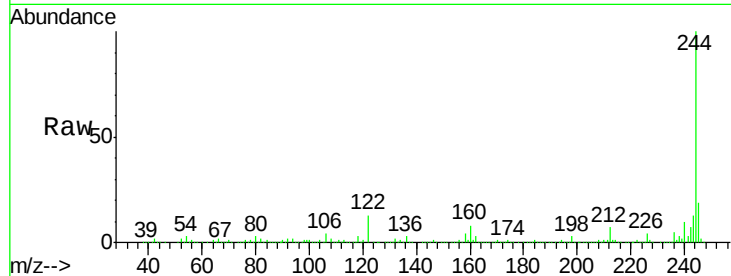
#78
 Terphenyl-d14
 Concen: 67.353 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF103525.D
 Acq: 8 Mar 2018 19:09

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4

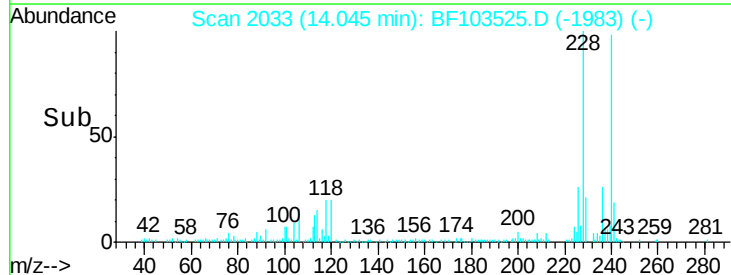
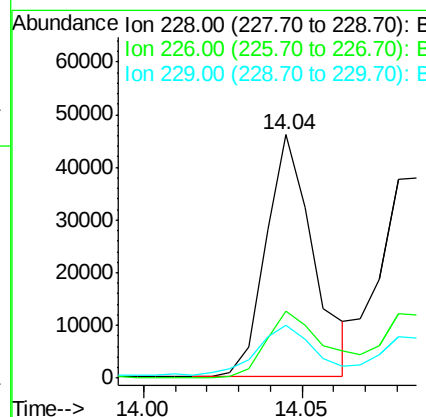
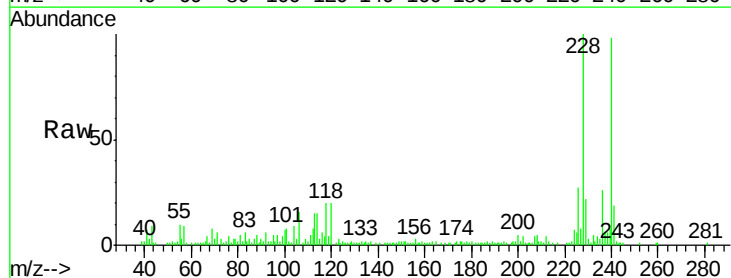
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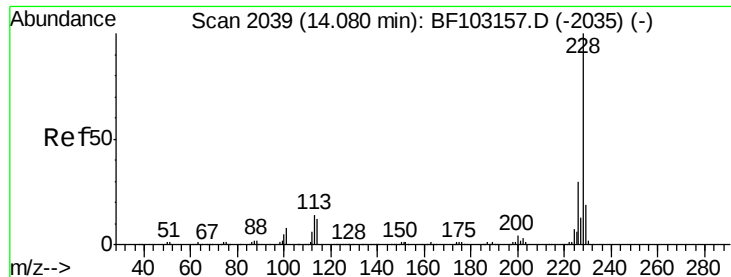
Sohil
 3/9/2018 11:39:33 AM



#80
 Benzo(a)anthracene
 Concen: 3.083 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103525.D
 Acq: 8 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.8	15.8	23.6





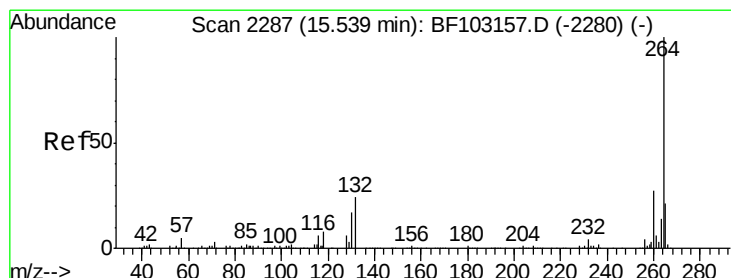
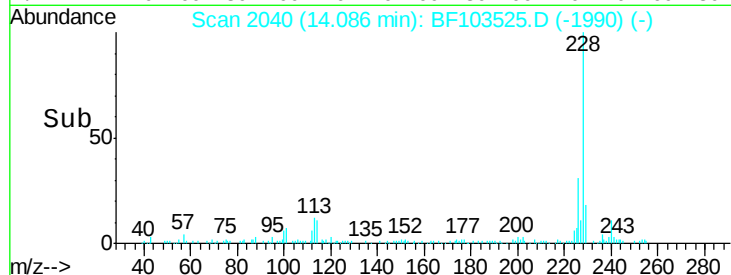
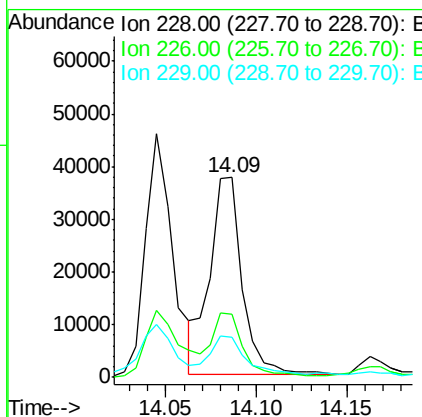
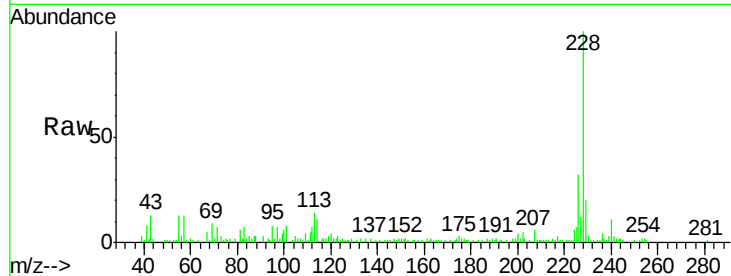
#82
Chrysene
Concen: 3.113 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.8	25.0	37.6		
229	19.9	16.2	24.4		

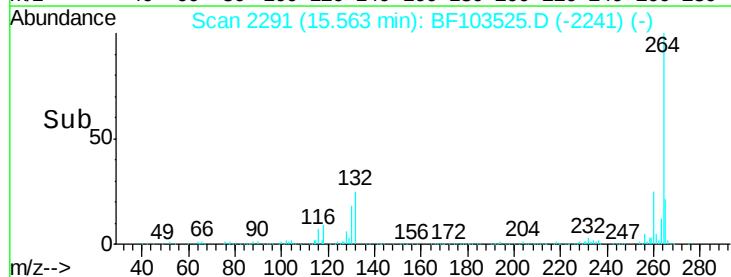
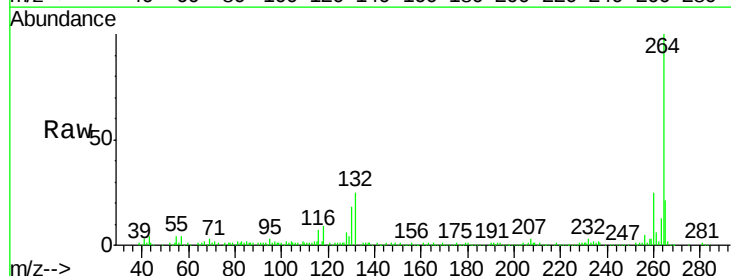
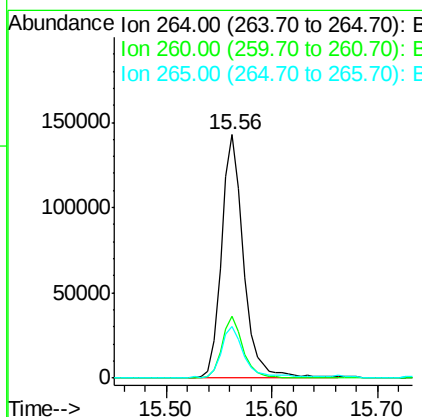
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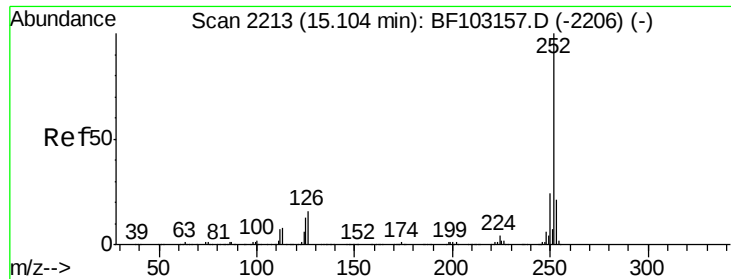
Sohil
3/9/2018 11:39:33 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	25.3	19.2	28.8		
265	21.0	17.5	26.3		





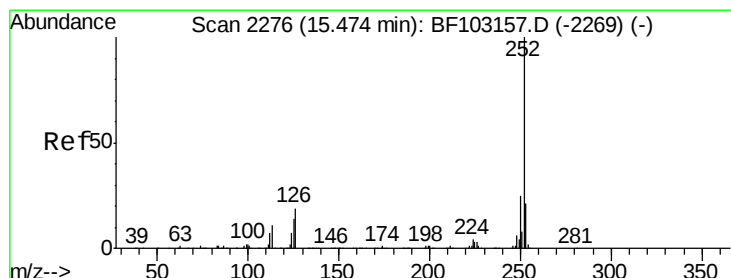
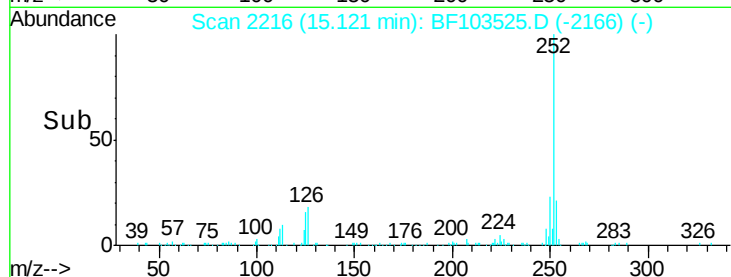
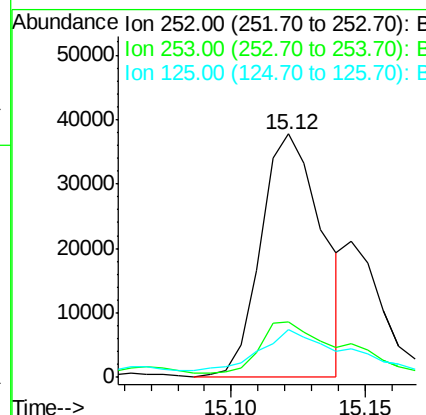
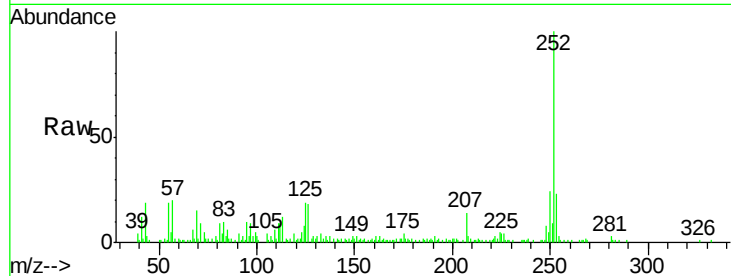
#87
Benzo(b)fluoranthene
Concen: 4.405 ng/mL
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	19.4	9.0	13.6

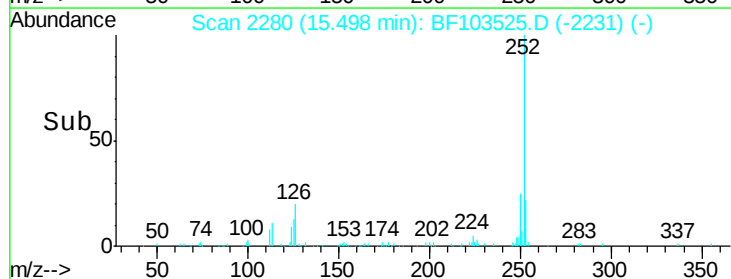
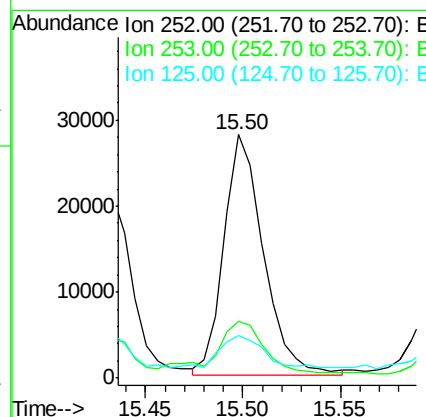
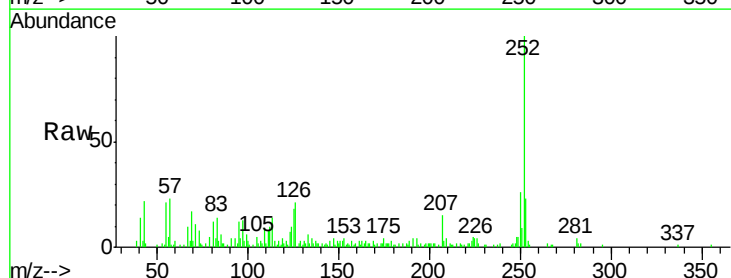
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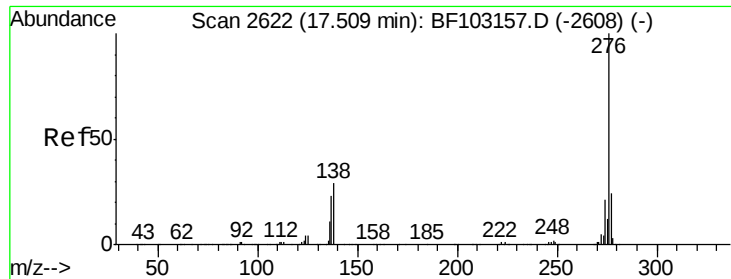
Sohil
3/9/2018 11:39:33 AM



#89
Benzo(a)pyrene
Concen: 3.256 ng/mL
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	17.7	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.543 ng
 RT: 17.59 min Scan# 2635
 Delta R.T. 0.01 min
 Lab File: BF103525.D
 Acq: 8 Mar 2018 19:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	29.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
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