

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103312.D
 Acq On : 28 Feb 2018 23:51
 Operator : SJ/JU
 Sample : J1721-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-28

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:33 AM

Quant Time: Mar 01 01:31:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145285	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	597615	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	221324	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	307727	20.00	ng	0.00
75) Chrysene-d12	14.05	240	234441	20.00	ng	0.00
86) Perylene-d12	15.56	264	198768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	960917	100.03	ng	0.00
7) Phenol-d6	6.51	99	1164686	99.08	ng	0.00
23) Nitrobenzene-d5	7.44	82	753587	72.01	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	152954	81.65	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1037495	79.51	ng	0.00
78) Terphenyl-d14	12.99	244	608140	62.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	118957	6.700	ng	Qvalue 100
70) Phenanthrene	11.43	178	116585	6.884	ng	98
71) Anthracene	11.48	178	34858	2.007	ng	97
74) Fluoranthene	12.62	202	244999	14.396	ng	99
77) Pyrene	12.85	202	240019	13.131	ng	98
80) Benzo(a)anthracene	14.04	228	142694	9.381	ng	99
82) Chrysene	14.08	228	147386	9.979	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	56502	4.336	ng	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	48267	4.128	ng	97
87) Benzo(b)fluoranthene	15.12	252	166668m	12.753	ng	
88) Benzo(k)fluoranthene	15.14	252	49184m	3.997	ng	
89) Benzo(a)pyrene	15.49	252	105852	9.070	ng	# 94
91) Benzo(a,h,i)perylene	17.54	276	47525	5.392	ng	94

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

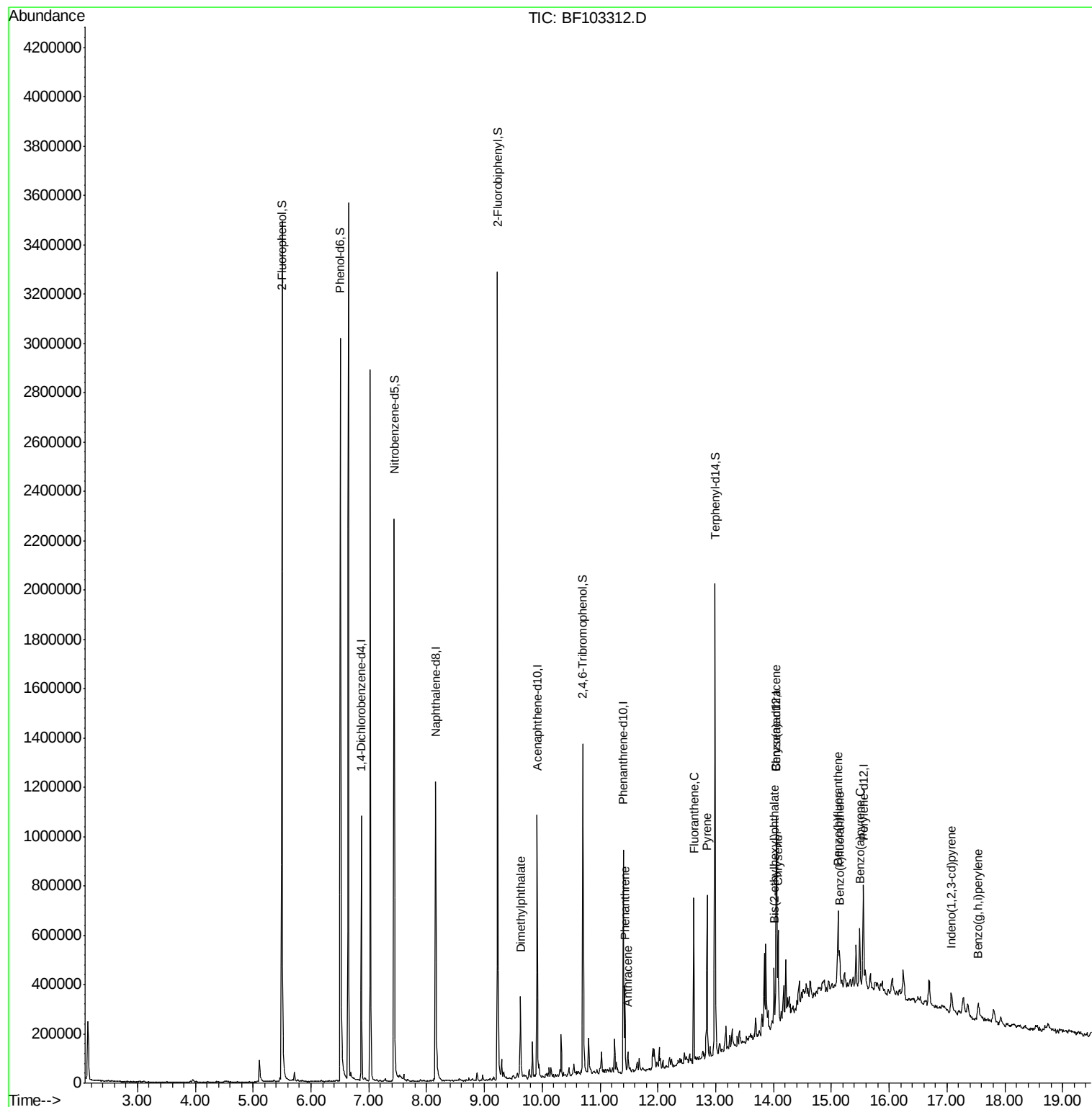
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103312.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

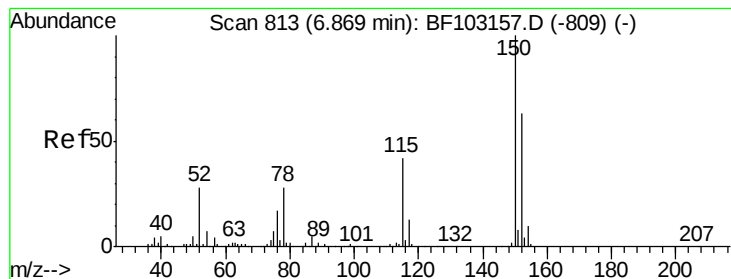
Instrument :
BNA_F
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SP-28

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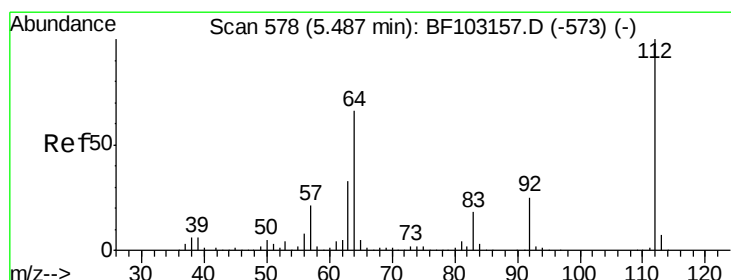
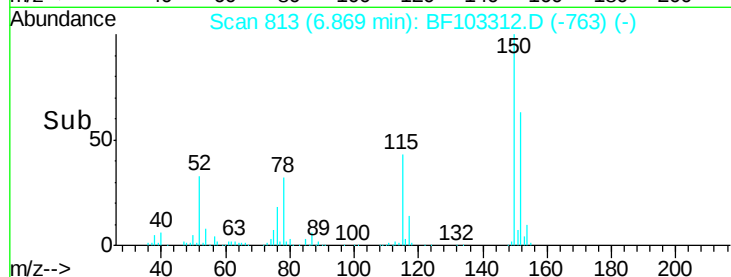
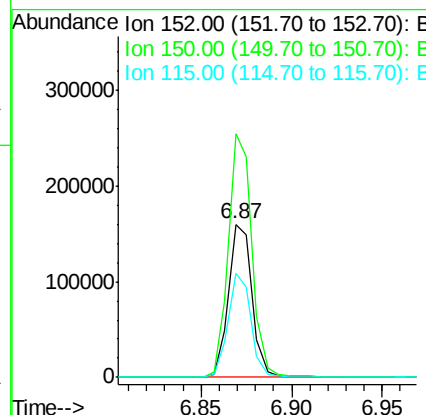
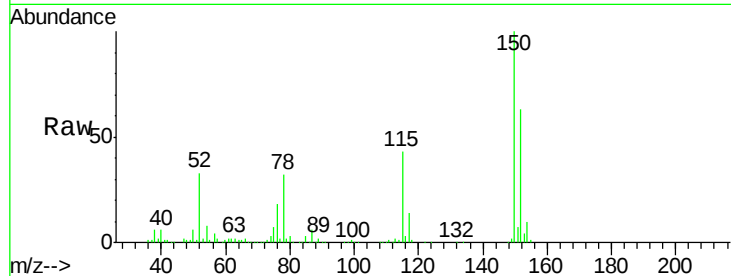
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF103312.D
 Acq: 28 Feb 2018 23:51

Instrument :
 BNA_F
 ClientSampled :
 SP-28

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	67.6	50.1	75.1

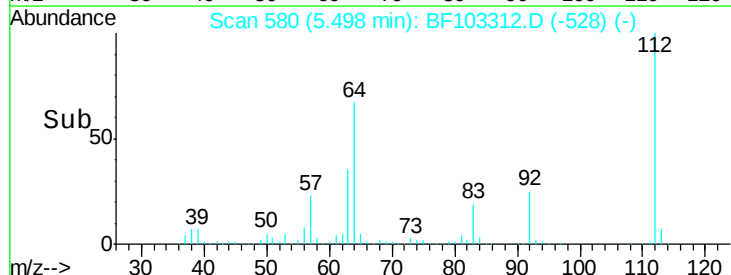
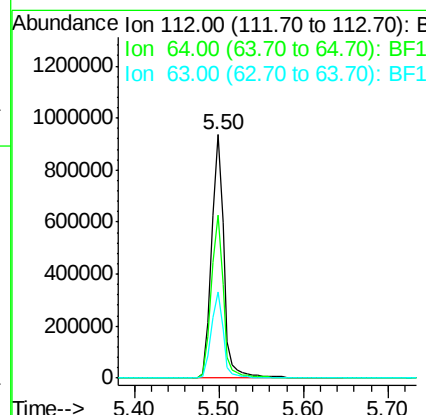
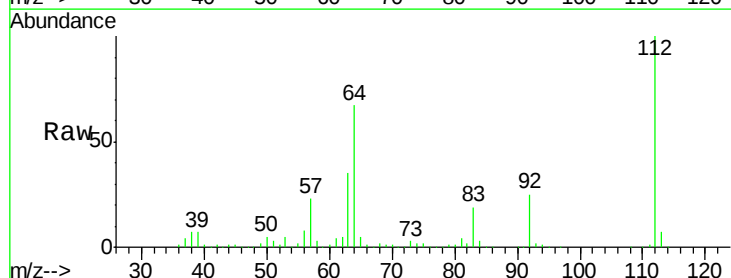
Manual Integrations
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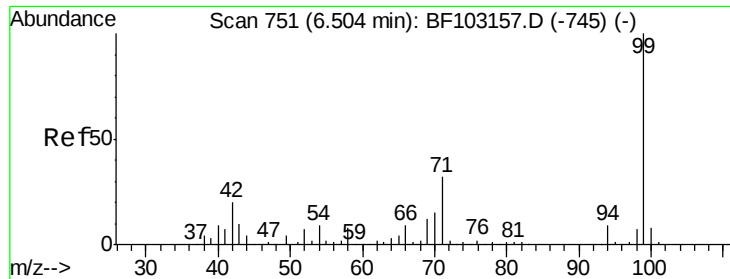
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#5
 2-Fluorophenol
 Concen: 100.032 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF103312.D
 Acq: 28 Feb 2018 23:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	35.4	23.7	35.5





#7

Phenol-d6

Concen: 99.085 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Instrument :

BNA_F

ClientSampled :

SP-28

Tot Ion: 99 Resp: 1164686

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

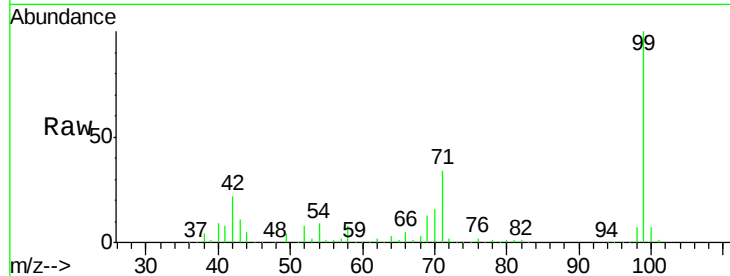
71 34.2 25.4 38.0

Manual Integrations

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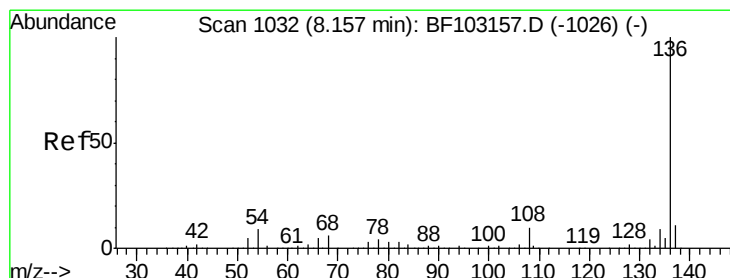
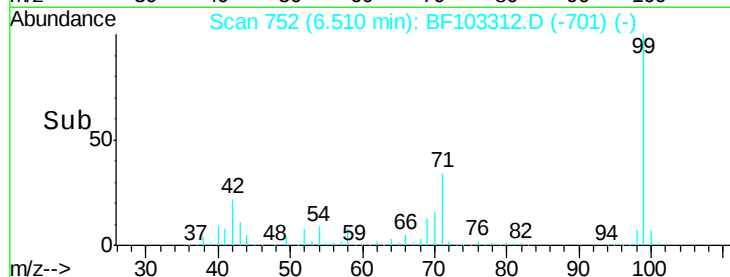
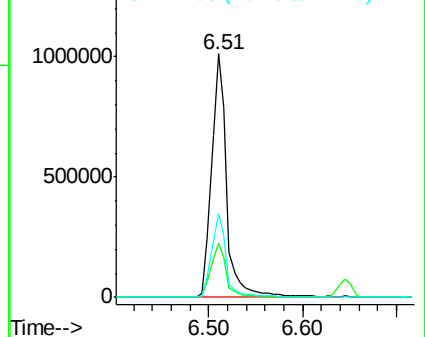
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Tgt Ion: 136 Resp: 597615

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 6.6 9.8

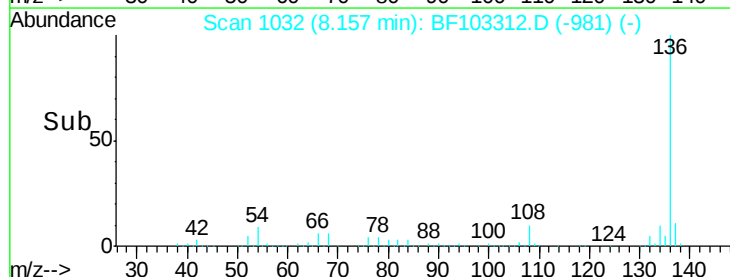
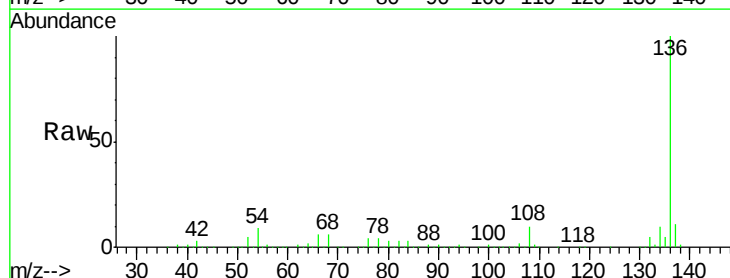
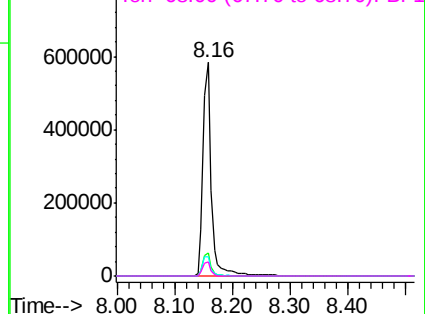
68 6.3 5.0 7.4

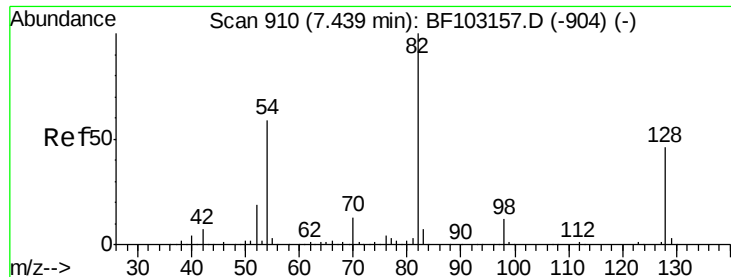
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





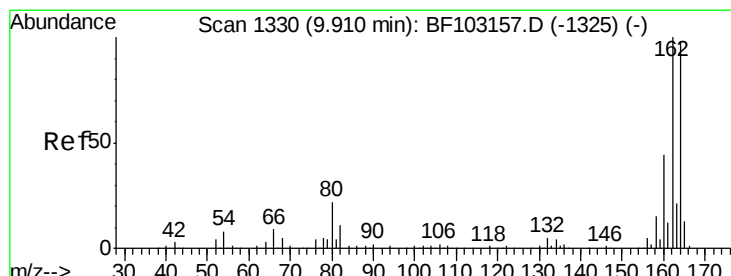
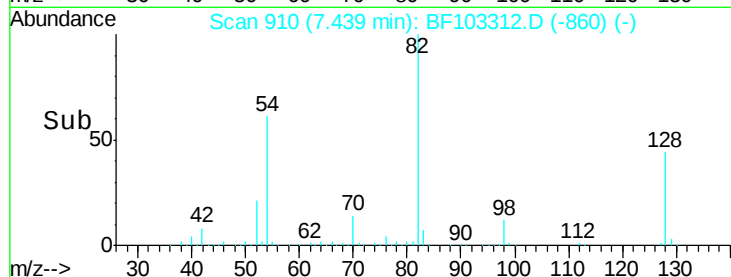
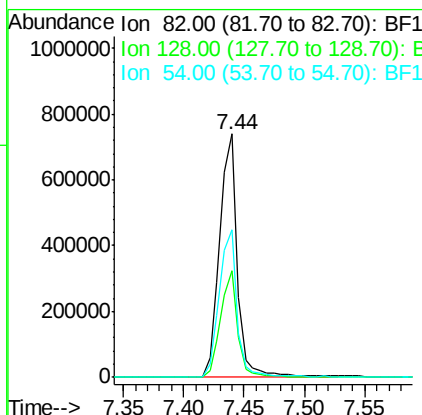
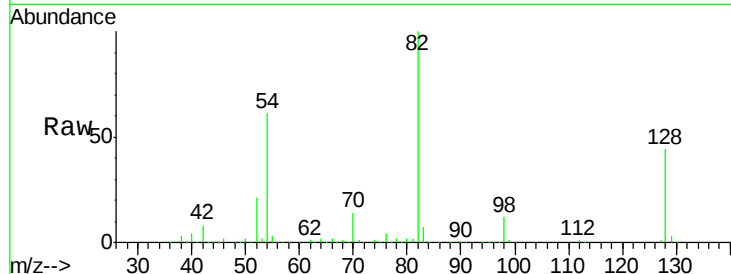
#23
Nitrobenzene-d5
Concen: 72.013 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103312.D
Acq: 28 Feb 2018 23:51

Instrument :
BNA_F
ClientSampled :
SP-28

Tot Ion	Ratio	Resp	Lower	Upper
82	100	753587		
128	43.8		36.1	54.1
54	60.8		41.4	62.2

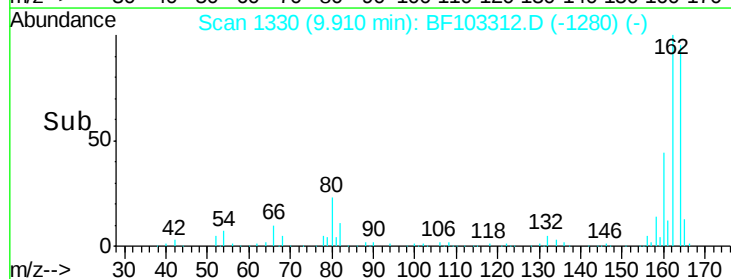
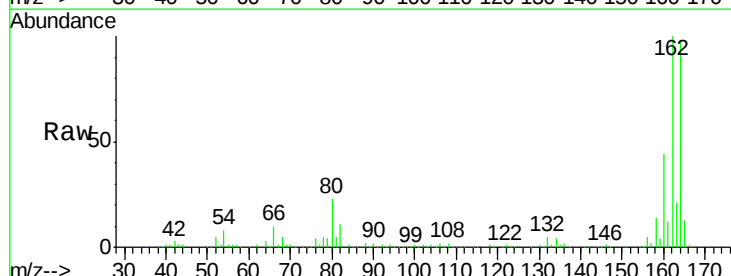
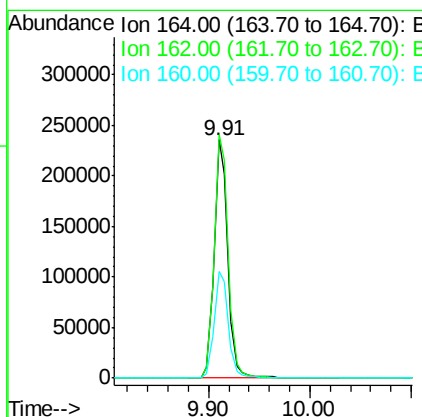
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103312.D
Acq: 28 Feb 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	221324		
162	102.2		86.1	129.1
160	45.0		38.3	57.5





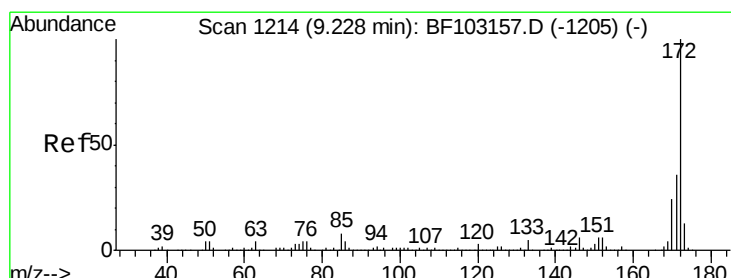
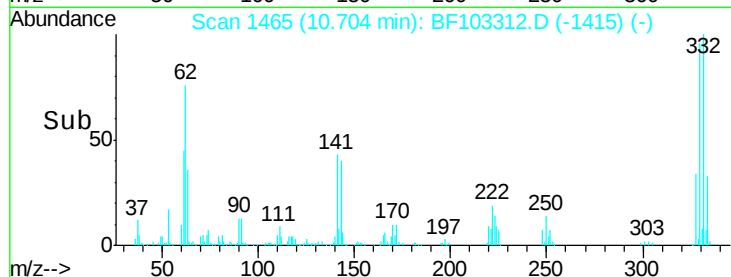
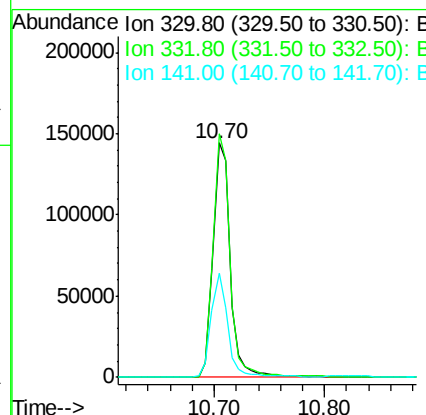
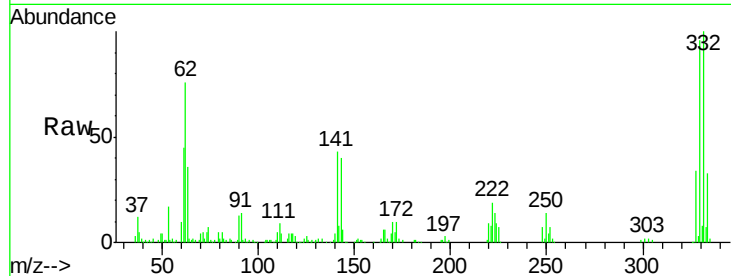
#41
 2,4,6-Tribromophenol
 Concen: 81.646 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103312.D
 Acq: 28 Feb 2018 23:51

Instrument :
 BNA_F
 ClientSampled :
 SP-28

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.0	115.6
141	44.0	29.9	44.9

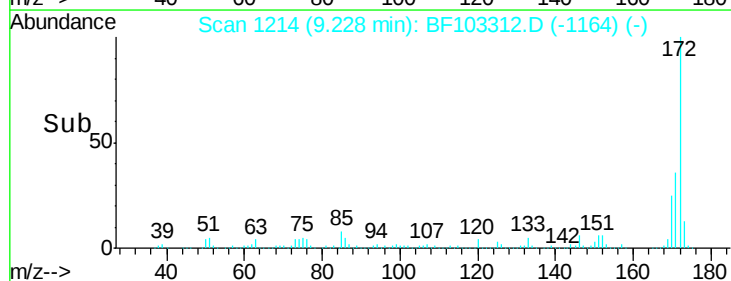
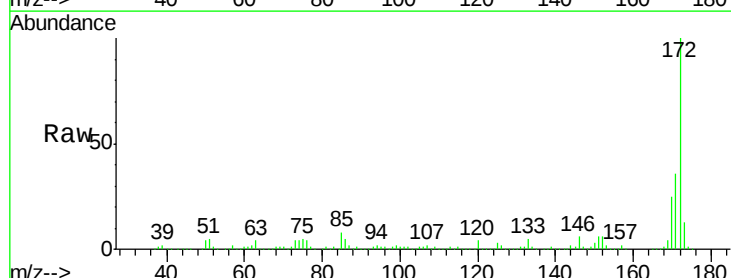
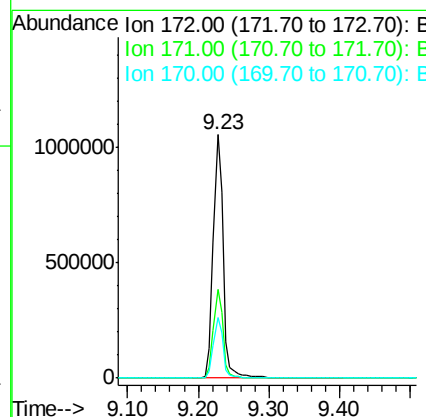
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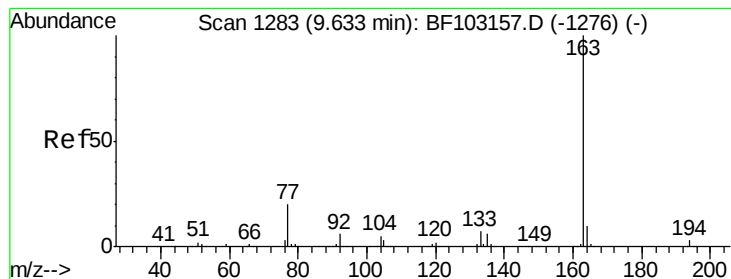
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#44
 2-Fluorobiphenyl
 Concen: 79.509 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103312.D
 Acq: 28 Feb 2018 23:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.7	19.6	29.4





#49

Dimethylphthalate

Concen: 6.700 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Instrument :

BNA_F

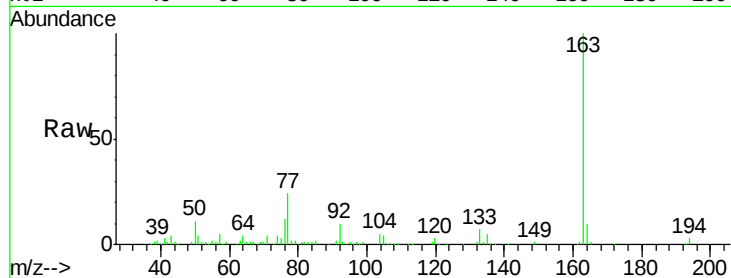
ClientSampled :

SP-28

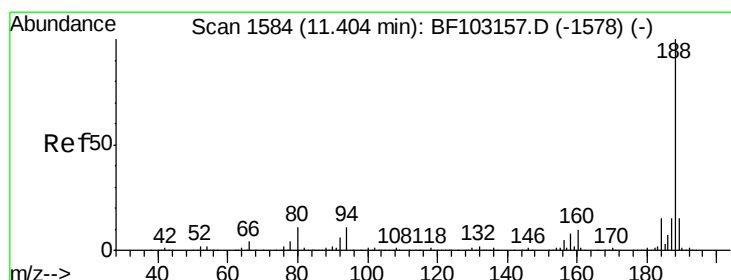
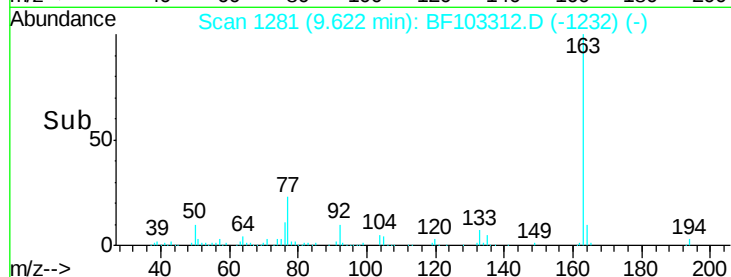
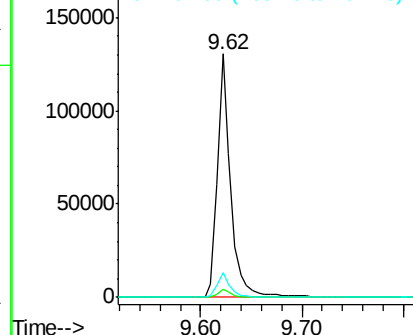
Tot Ion:	163	Resp:	118957
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2

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



#63

Phenanthrene-d10

Concen: 20.000 ng

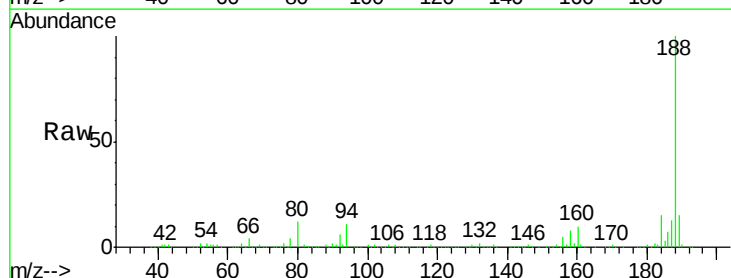
RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

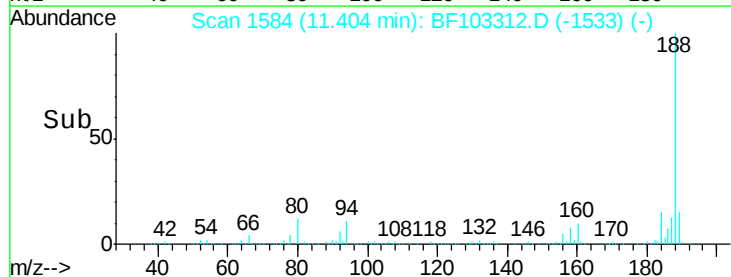
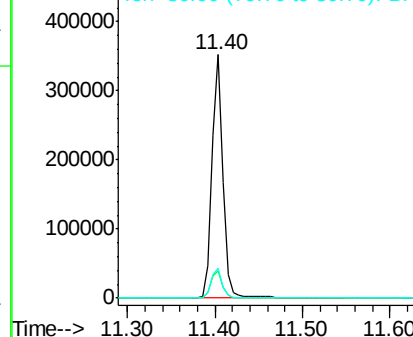
Lab File: BF103312.D

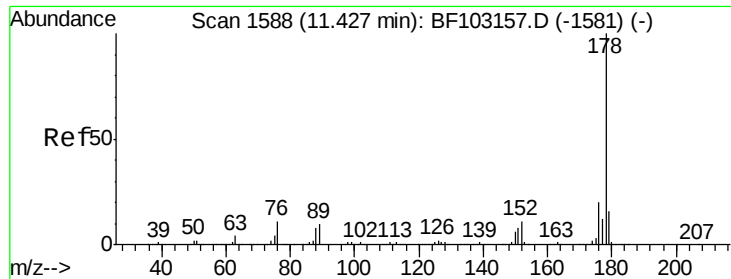
Acq: 28 Feb 2018 23:51

Tgt Ion:	188	Resp:	307727
Ion Ratio	Lower	Upper	
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 6.884 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Instrument :

BNA_F

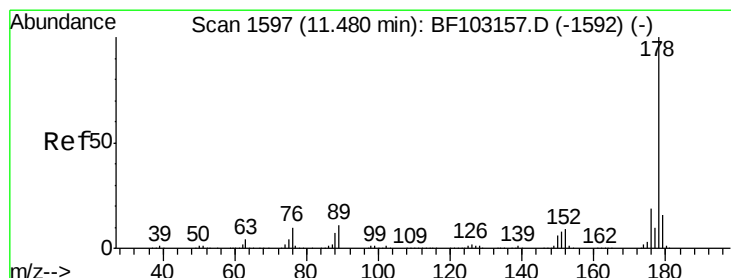
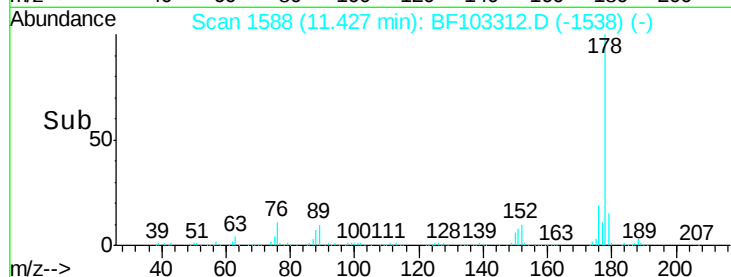
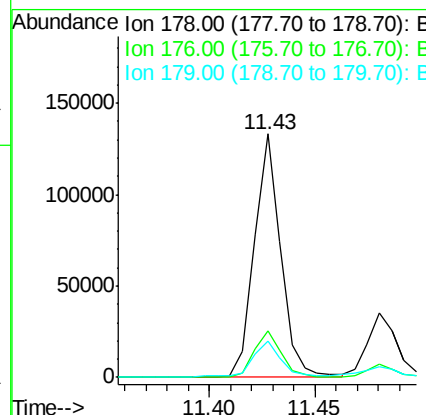
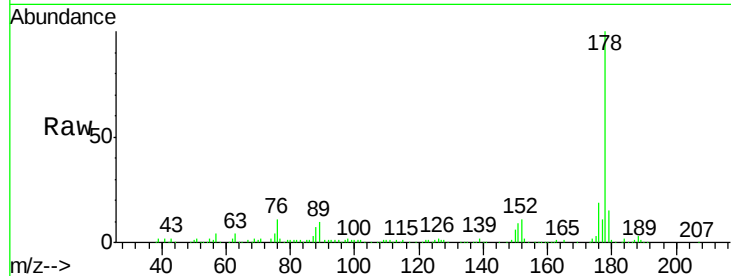
ClientSampled :

SP-28

Tot Ion:	178	Resp:	116585
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.8	23.8
179	15.1	13.0	19.6

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#71

Anthracene

Concen: 2.007 ng

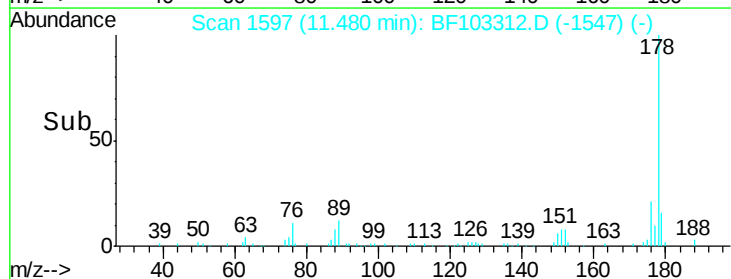
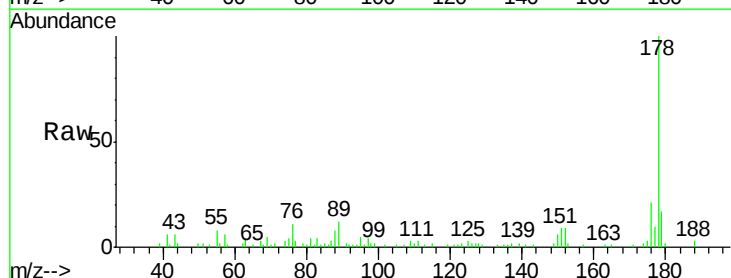
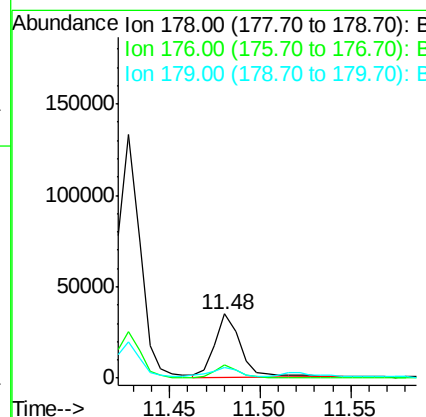
RT: 11.48 min Scan# 1597

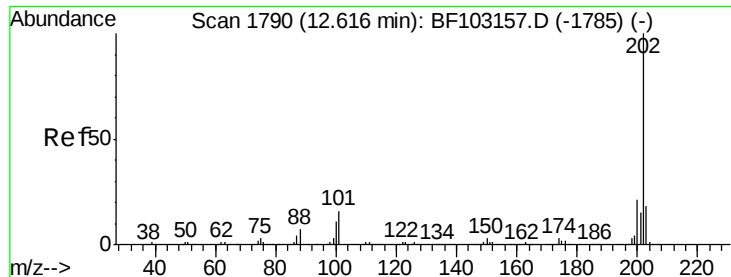
Delta R.T. -0.01 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Tgt Ion:	178	Resp:	34858
Ion Ratio	Lower	Upper	
178	100		
176	20.8	15.4	23.2
179	17.3	12.6	19.0





#74

Fluoranthene

Concen: 14.396 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Instrument :

BNA_F

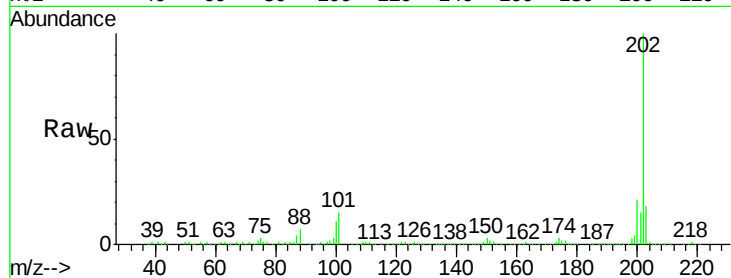
ClientSampled :

SP-28

Tot Ion:	202	Resp:	244999
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	34.1
203	17.8	0.0	38.1

Manual Integrations
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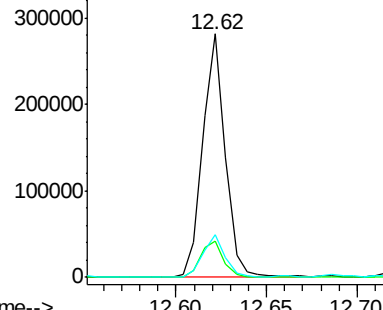
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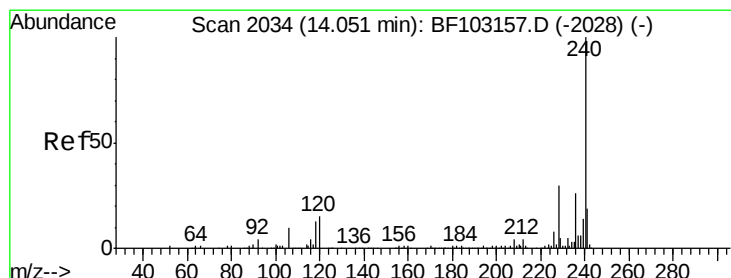
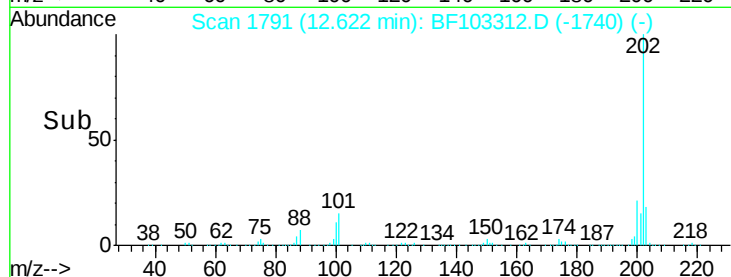
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103312.D

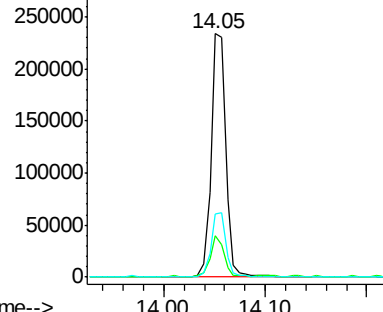
Acq: 28 Feb 2018 23:51

Tgt Ion:	240	Resp:	234441
Ion Ratio	Lower	Upper	
240	100		
120	16.9	9.5	14.3#
236	25.8	20.7	31.1

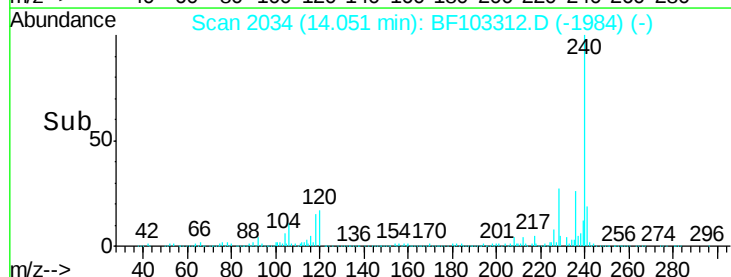
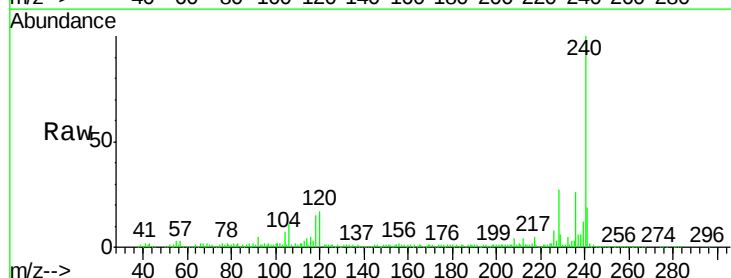
Abundance Ion 240.00 (239.70 to 240.70): E

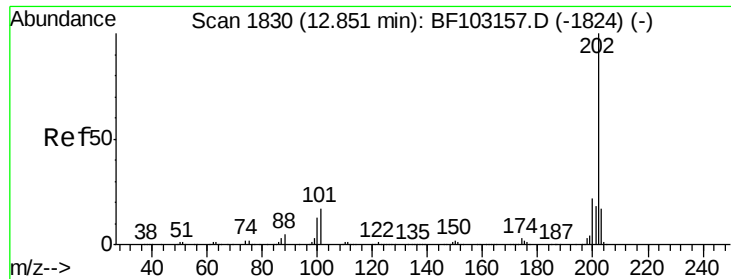
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Pvrene

Concen: 13.131 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Instrument :

BNA_F

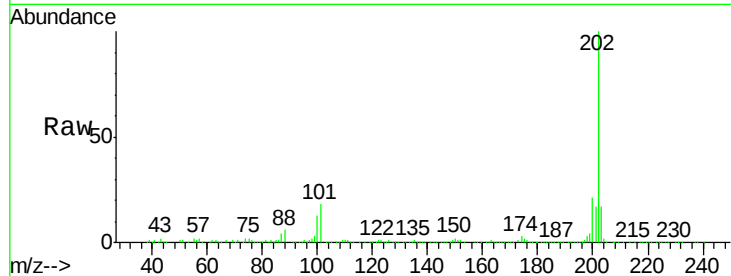
ClientSampled :

SP-28

Tot Ion:	202	Resp:	240019
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.4	26.2
203	16.8	14.3	21.5

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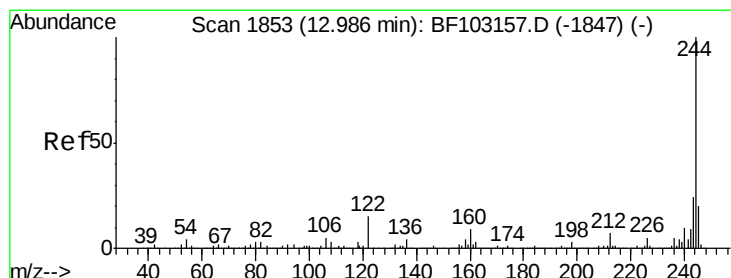
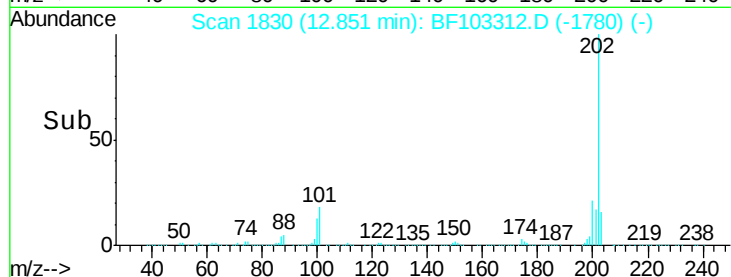
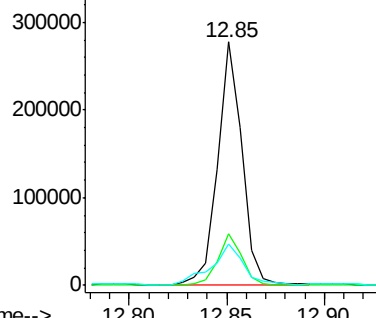
Sohil
3/1/2018 11:43:33 AM



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



#78

Terphenyl-d14

Concen: 62.356 ng

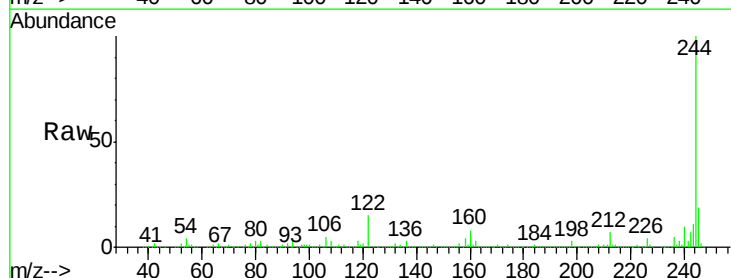
RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

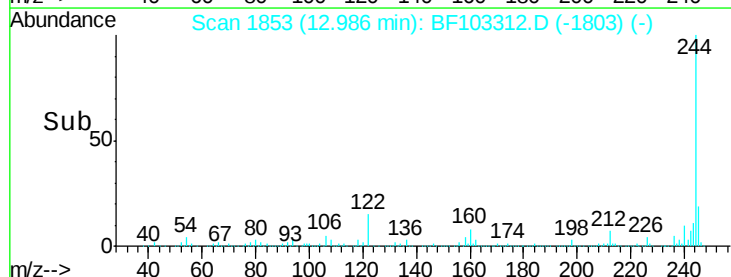
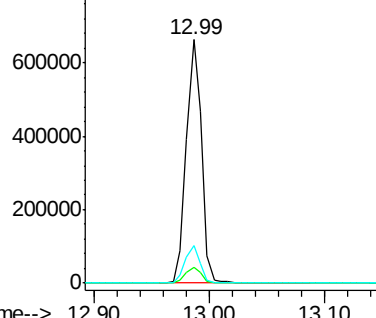
Tgt Ion:	244	Resp:	608140
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.4	8.0
122	15.3	11.0	16.4

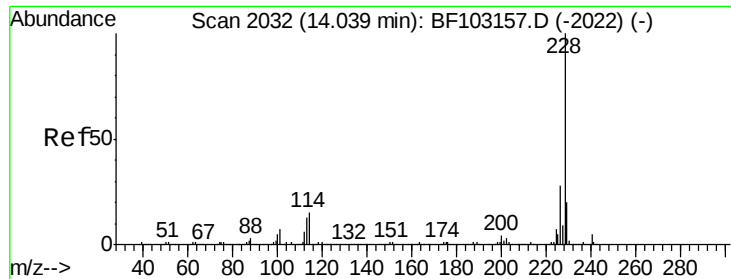


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





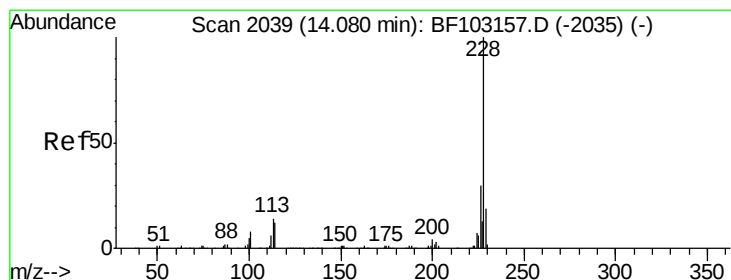
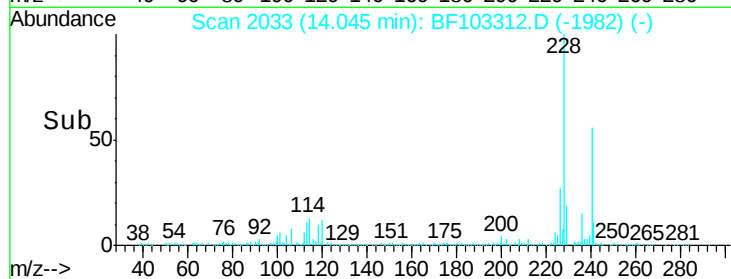
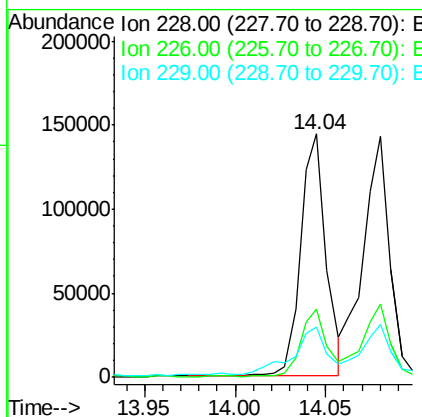
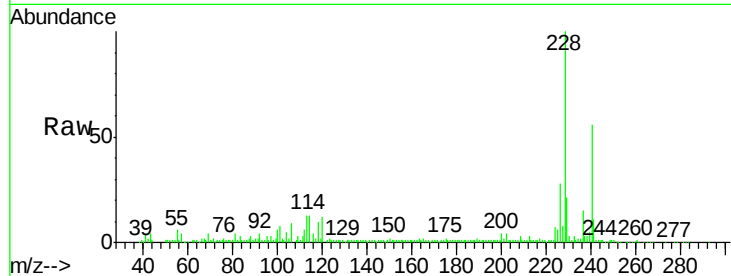
#80
Benzo(a)anthracene
Concen: 9.381 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103312.D
Acq: 28 Feb 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SP-28

Tot Ion:	228	Resp:	142694
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.7	15.8	23.6

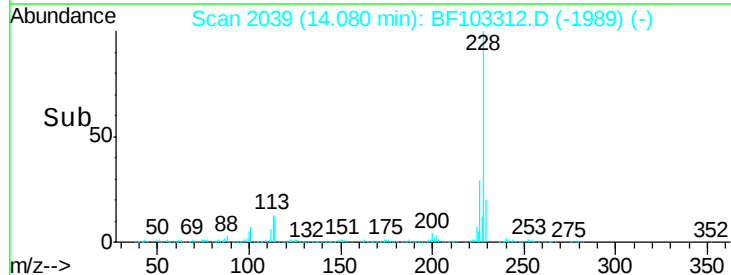
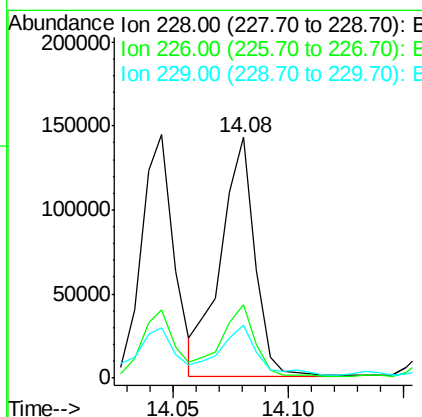
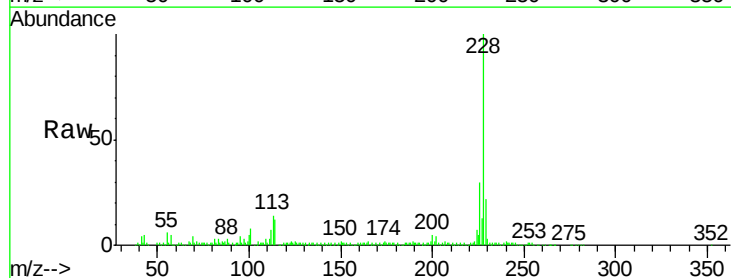
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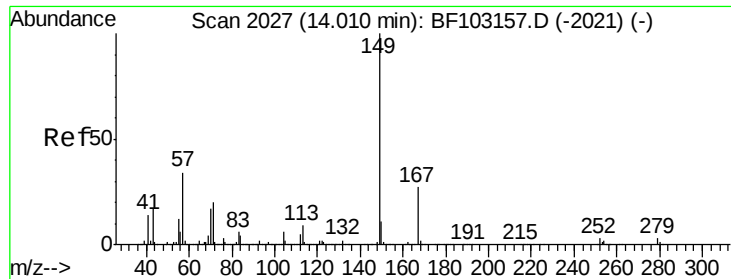
Sohil
3/1/2018 11:43:33 AM



#82
Chrysene
Concen: 9.979 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103312.D
Acq: 28 Feb 2018 23:51

Tgt Ion:	228	Resp:	147386
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	21.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.336 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Instrument :

BNA_F

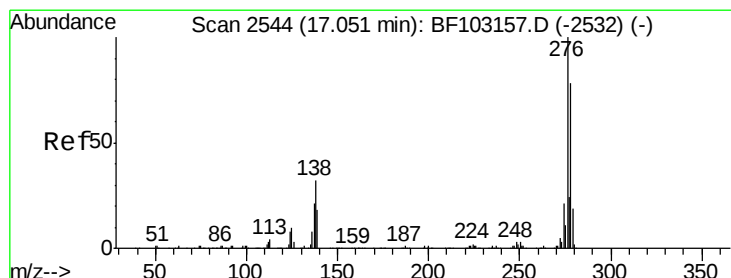
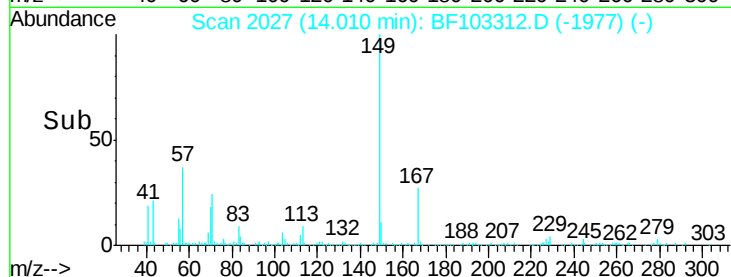
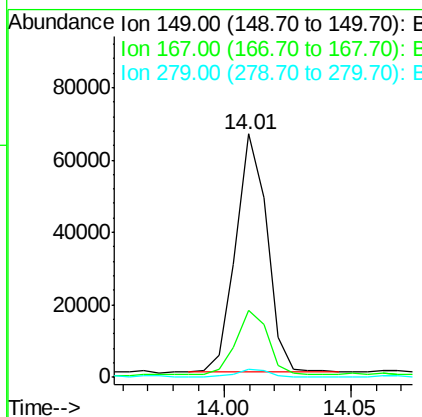
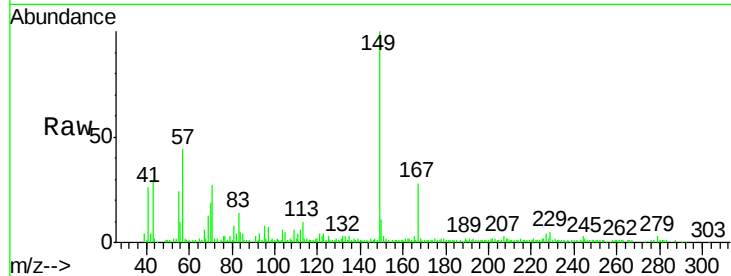
ClientSampled :

SP-28

Tot Ion:	149	Resp:	56502
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.3	31.9
279	3.1	3.0	4.4

Manual Integrations
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3/1/2018 11:43:33 AM



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.128 ng

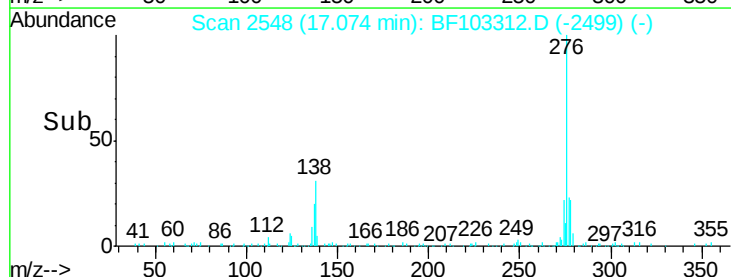
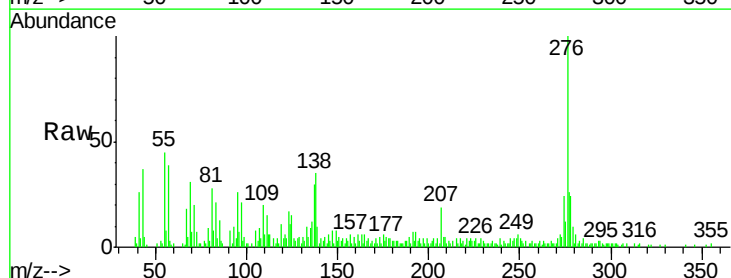
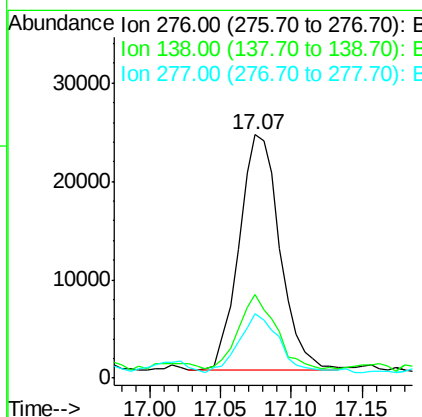
RT: 17.07 min Scan# 2548

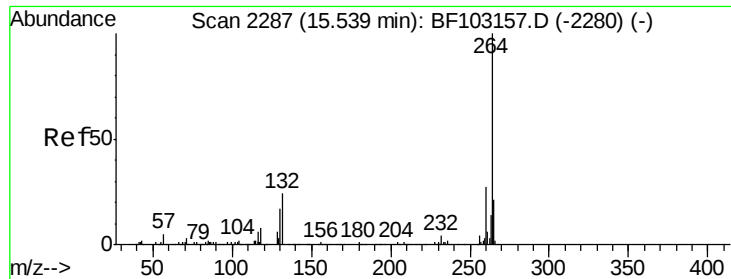
Delta R.T. -0.01 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Tgt Ion:	276	Resp:	48267
Ion Ratio	Lower	Upper	
276	100		
138	29.0	25.0	37.6
277	24.2	20.1	30.1





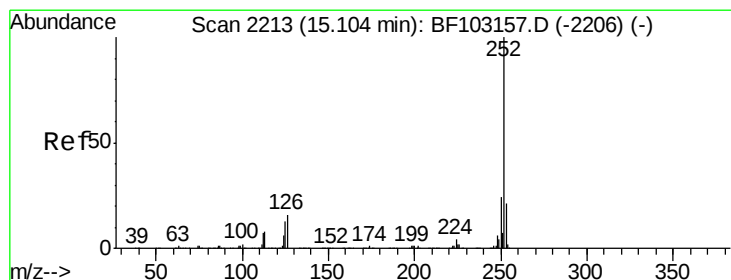
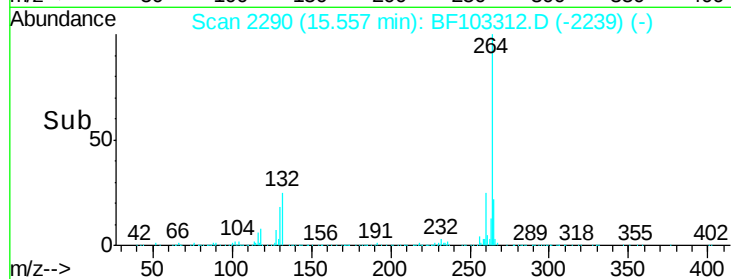
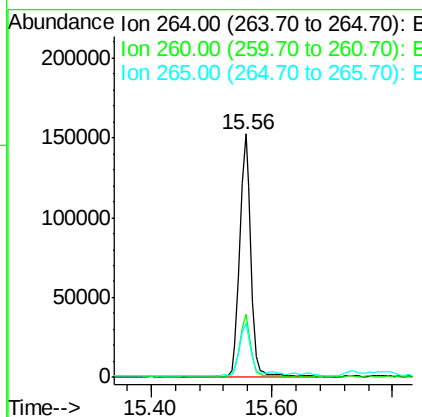
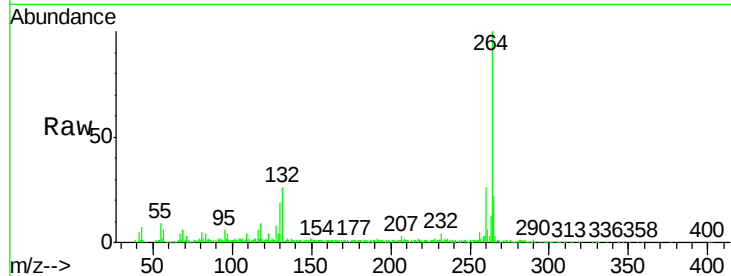
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF103312.D
Acq: 28 Feb 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SP-28

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	22.0	17.5	26.3

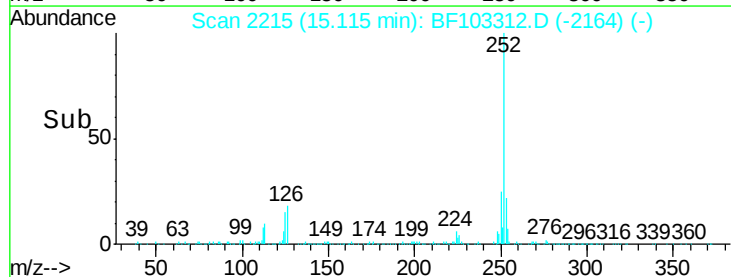
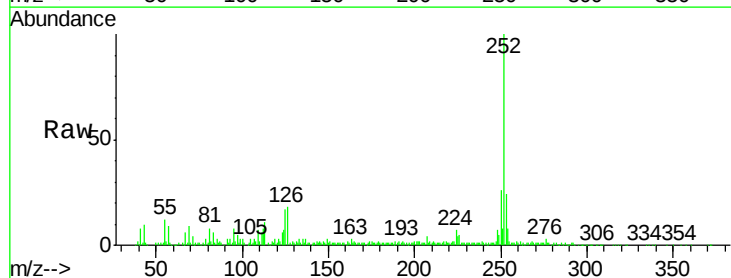
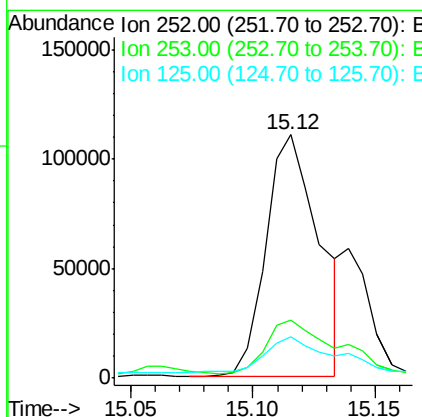
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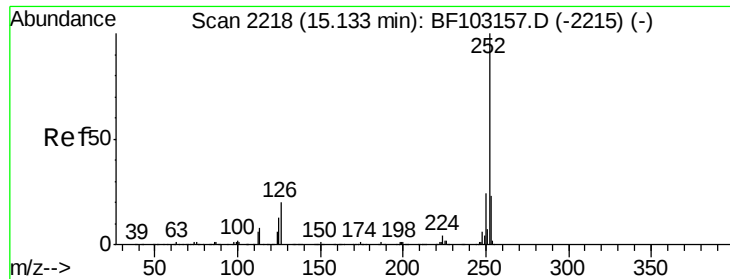
Sohil
3/1/2018 11:43:33 AM



#87
Benzo(b)fluoranthene
Concen: 12.753 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF103312.D
Acq: 28 Feb 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	17.1	9.0	13.6#





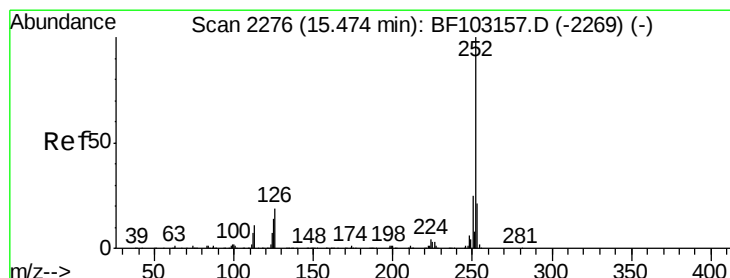
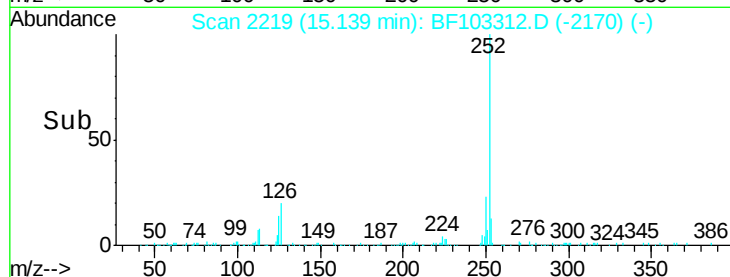
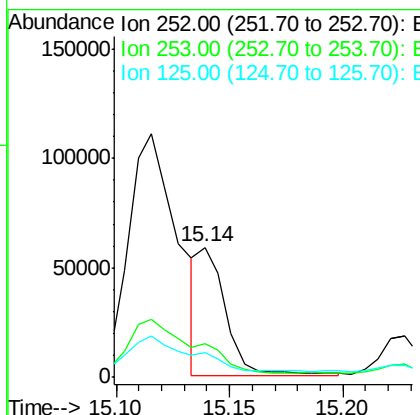
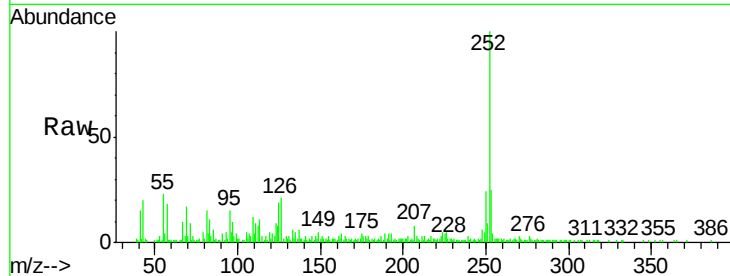
#88
Benzo(k)fluoranthene
Concen: 3.997 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF103312.D
Acq: 28 Feb 2018 23:51

Instrument :
BNA_F
ClientSampled :
SP-28

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	18.7	10.2	15.2

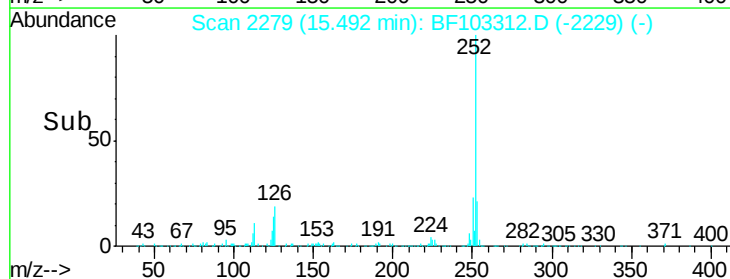
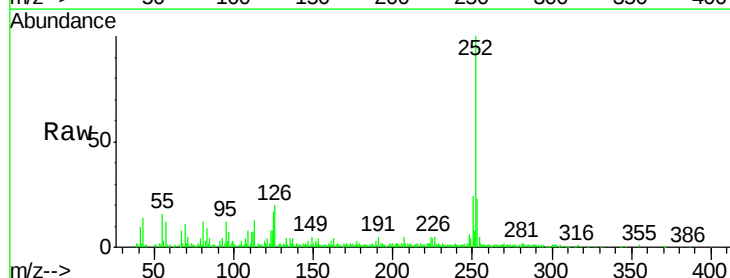
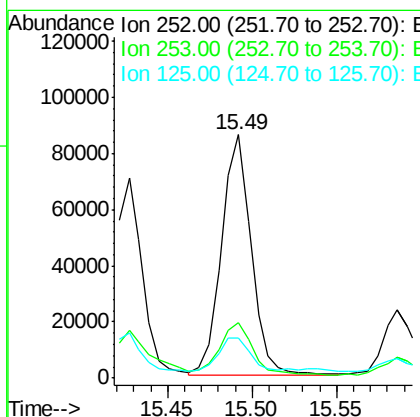
Manual Integrations
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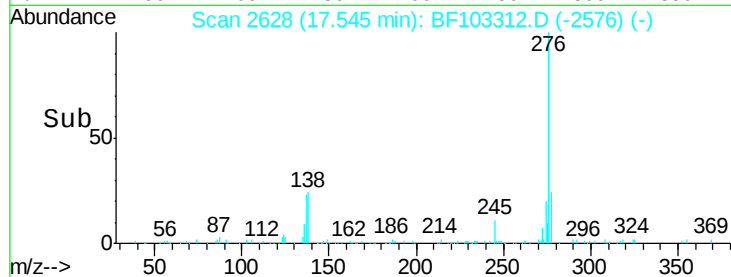
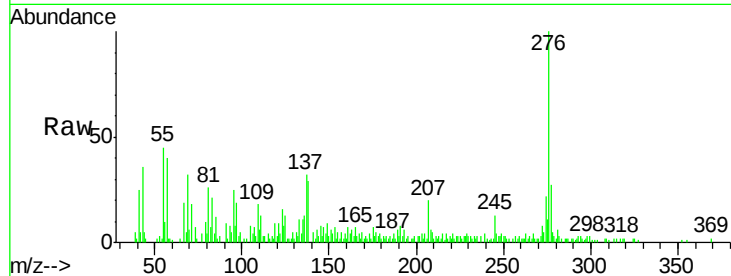
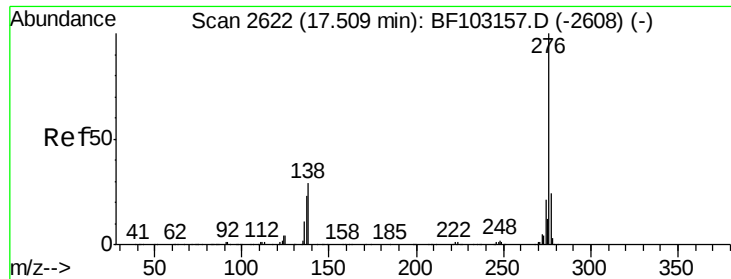
Sohil
3/1/2018 11:43:33 AM



#89
Benzo(a)pyrene
Concen: 9.070 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF103312.D
Acq: 28 Feb 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	16.6	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 5.392 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF103312.D

Acq: 28 Feb 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SP-28

Tot Ion: 276 Resp: 47525

Ion Ratio Lower Upper

276 100

277 26.8 17.9 26.9

138 28.8 21.8 32.8

Manual Integrations

APPROVED

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3/1/2018 11:43:33 AM

