

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103575.D
 Acq On : 12 Mar 2018 12:13
 Operator : SJ/JU
 Sample : J1776-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-3FT

Manual Integrations
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 3/13/2018 4:12:48 PM

Quant Time: Mar 12 13:50:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149962	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	614321	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	259176	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	401579	20.00	ng	0.00
75) Chrysene-d12	14.06	240	232587	20.00	ng	0.00
86) Perylene-d12	15.57	264	238033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1074565	108.37	ng	0.01
7) Phenol-d6	6.51	99	1333314	109.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	829446	77.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	188571	85.96	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1167813	75.58	ng	0.00
78) Terphenyl-d14	12.98	244	755205	78.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	119675	5.756	ng	100
70) Phenanthrene	11.42	178	83695	3.787	ng	98
74) Fluoranthene	12.62	202	104492	4.705	ng	98
77) Pyrene	12.85	202	95577	5.271	ng	98
80) Benzo(a)anthracene	14.04	228	33996	2.253	ng	97
82) Chrysene	14.08	228	37856	2.583	ng	96
85) Indeno(1,2,3-cd)pyrene	17.13	276	27334	2.356	ng	93
87) Benzo(b)fluoranthene	15.13	252	50526m	3.228	ng	
89) Benzo(a)pyrene	15.51	252	39916	2.856	ng	# 86
91) Benzo(g,h,i)perylene	17.60	276	31727	3.006	ng	# 83

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

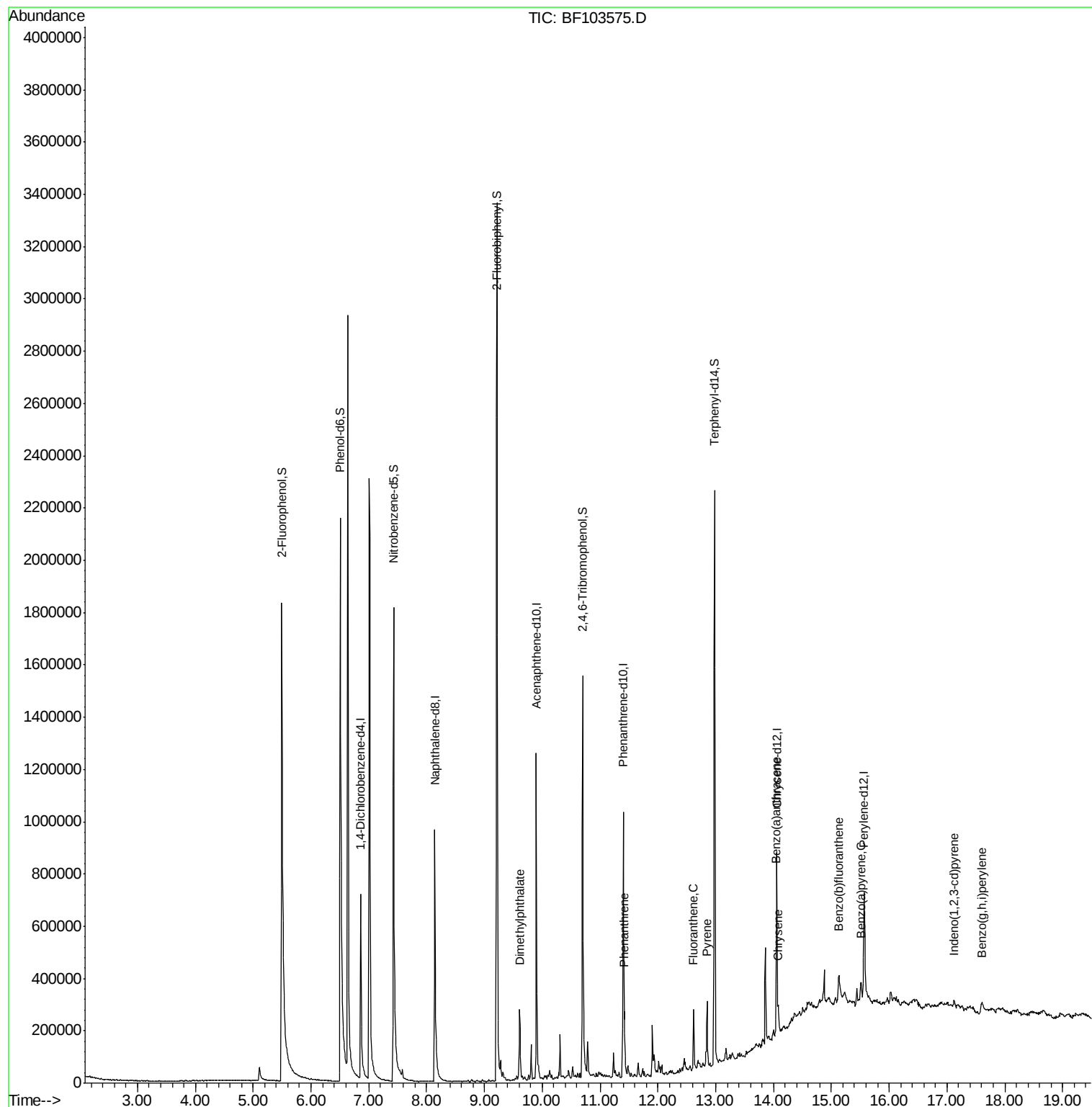
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103575.D
Acq On : 12 Mar 2018 12:13
Operator : SJ/JU
Sample : J1776-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

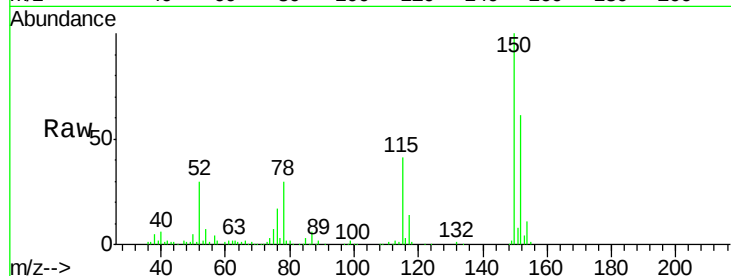
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampled :
TP-2-3FT

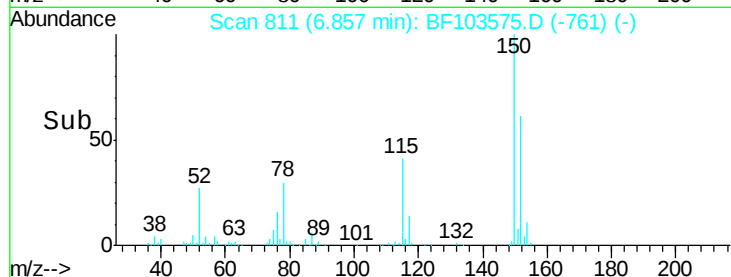
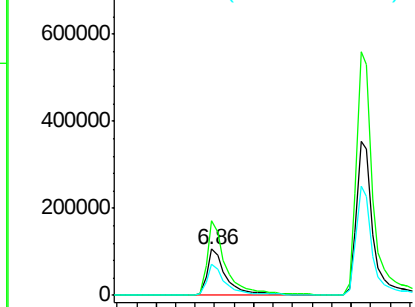
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.6	186.8
115	66.3	50.1	75.1

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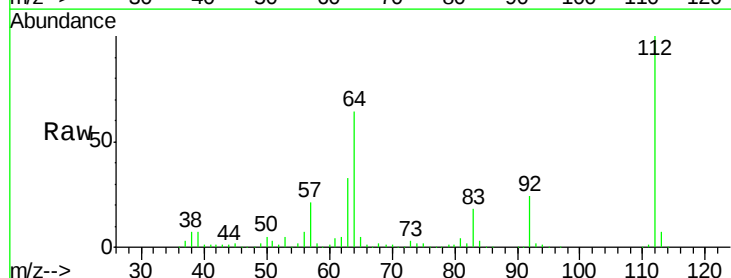
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



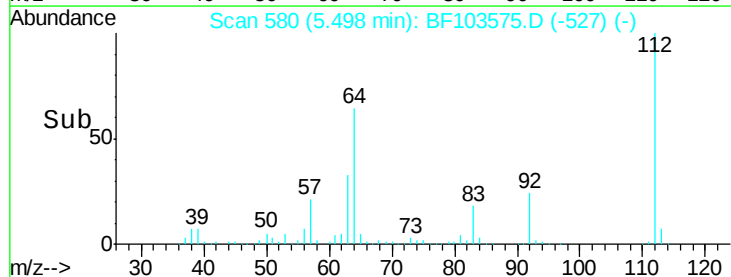
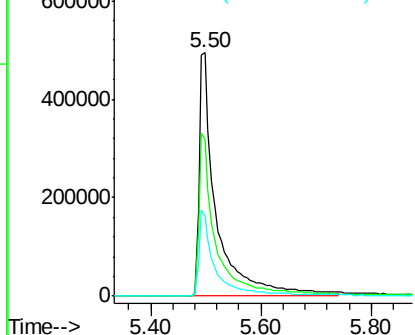
#5

2-Fluorophenol
Concen: 108.374 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	33.0	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: 109.893 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103575.D

Acq: 12 Mar 2018 12:13

Instrument :

BNA_F

ClientSampled :

TP-2-3FT

Tot Ion: 99 Resp: 1333314

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

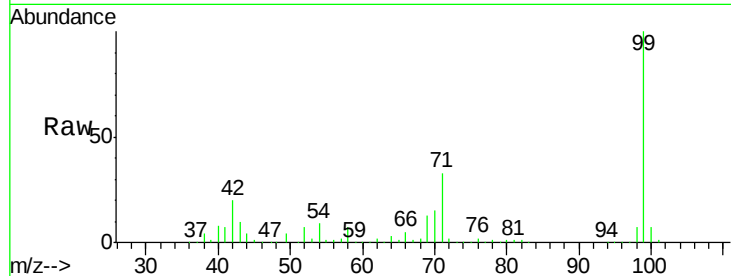
71 32.6 25.4 38.0

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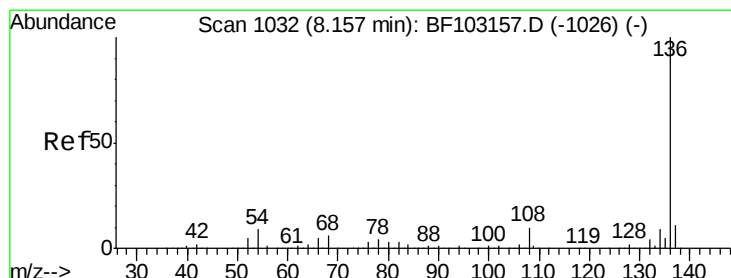
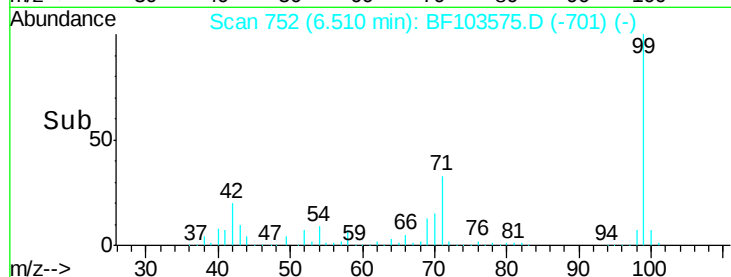
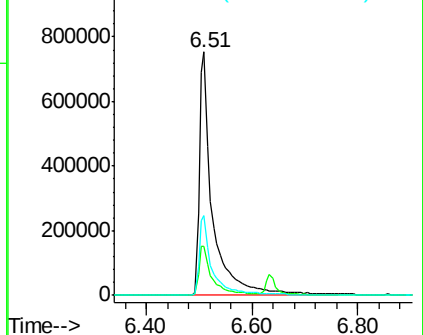
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103575.D

Acq: 12 Mar 2018 12:13

Tgt Ion: 136 Resp: 614321

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

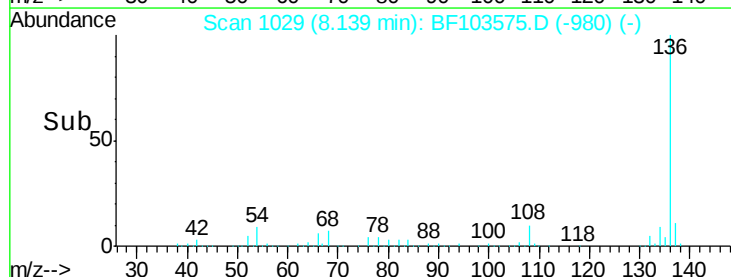
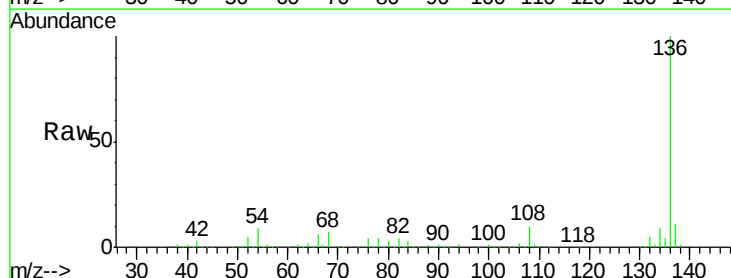
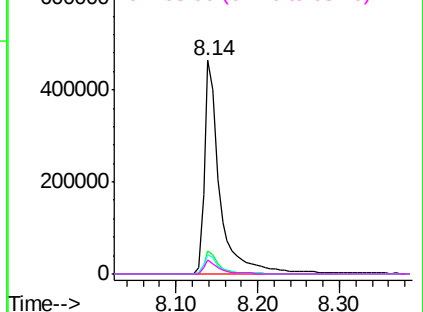
68 6.7 5.0 7.4

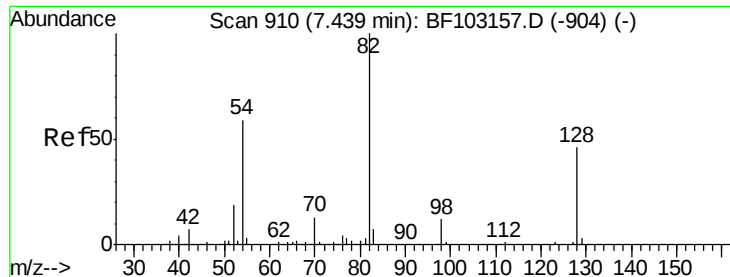
Abundance Ion 136.00 (135.70 to 136.70): E

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





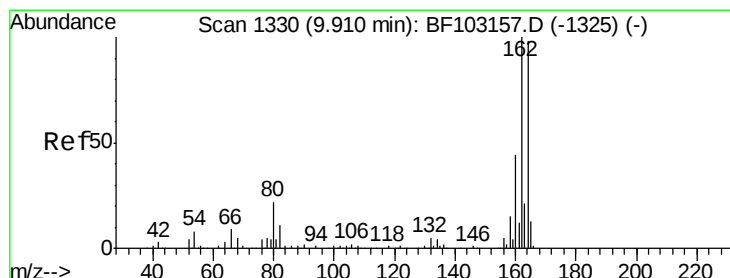
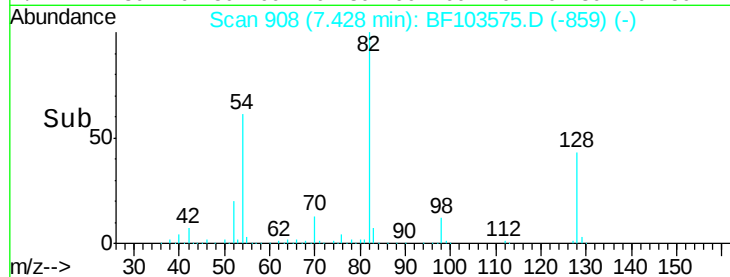
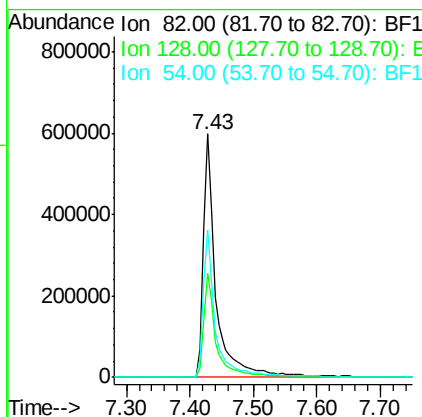
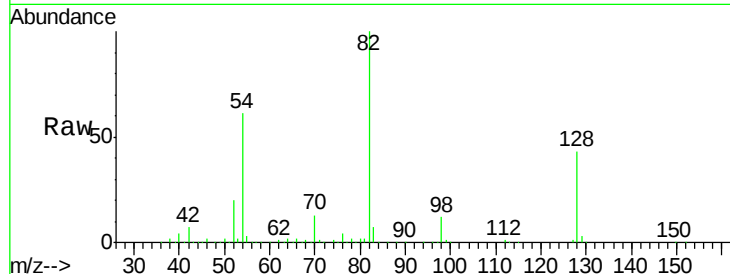
#23
Nitrobenzene-d5
Concen: 77.107 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tot Ion	82	Resp	829446
Ion Ratio	100	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	60.6	41.4	62.2

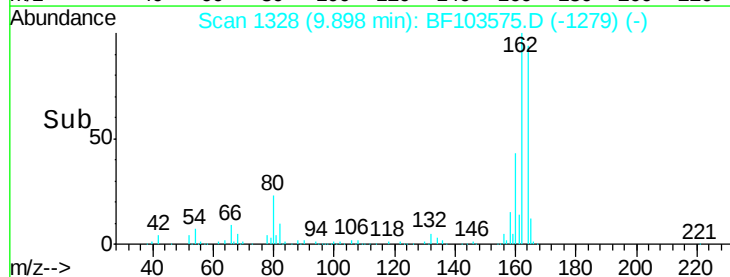
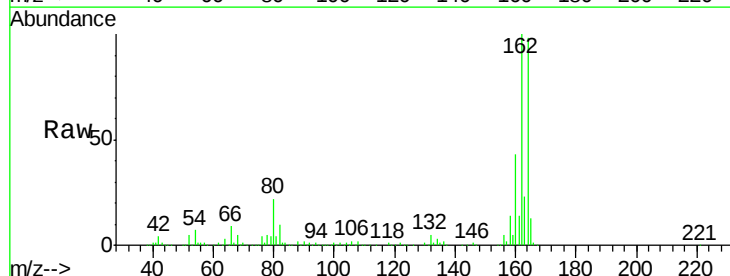
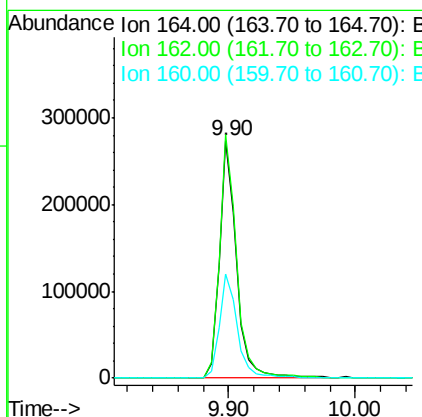
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion	164	Resp	259176
Ion Ratio	100	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	43.8	38.3	57.5





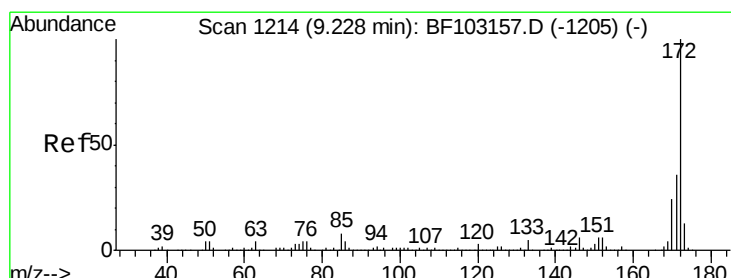
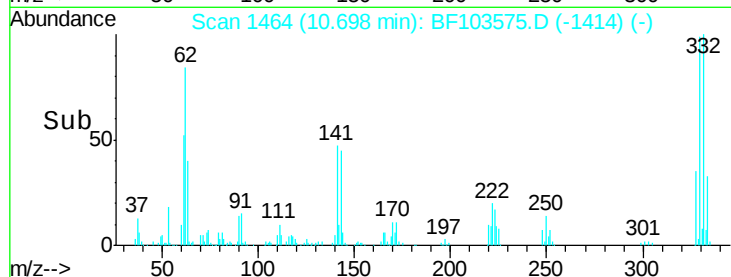
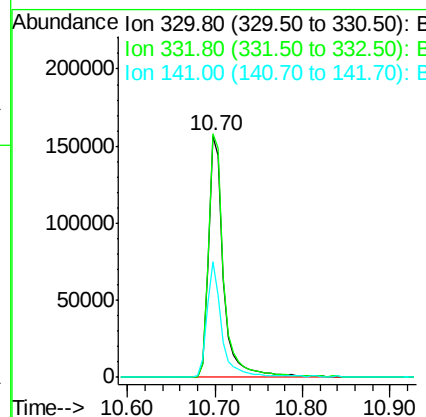
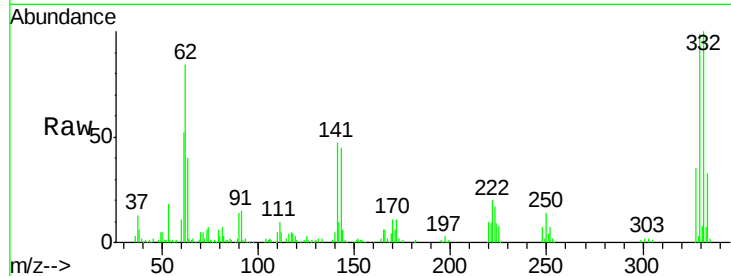
#41
 2,4,6-Tribromophenol
 Concen: 85.957 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103575.D
 Acq: 12 Mar 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-3FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	46.7	29.9	44.9

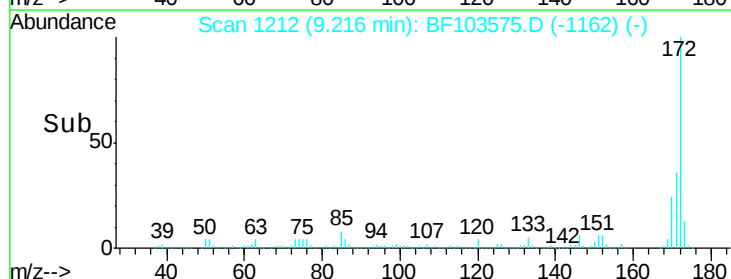
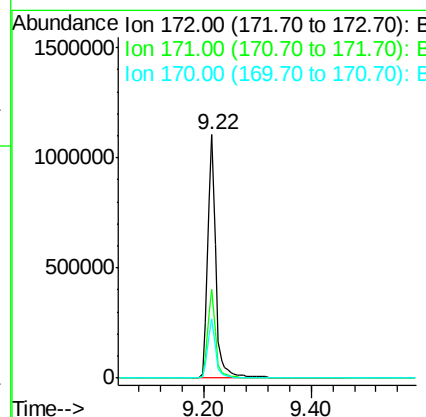
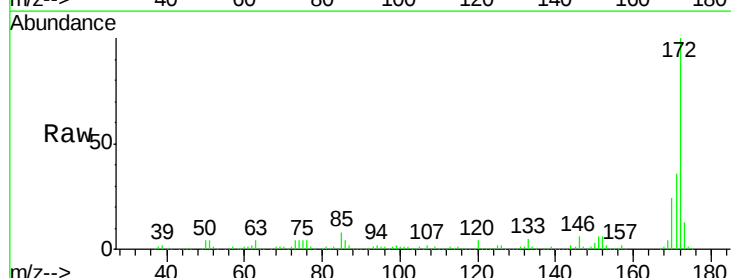
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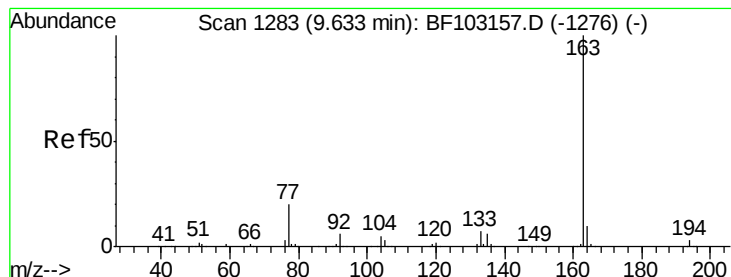
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#44
 2-Fluorobiphenyl
 Concen: 75.584 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103575.D
 Acq: 12 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 5.756 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF103575.D

Acq: 12 Mar 2018 12:13

Instrument :

BNA_F

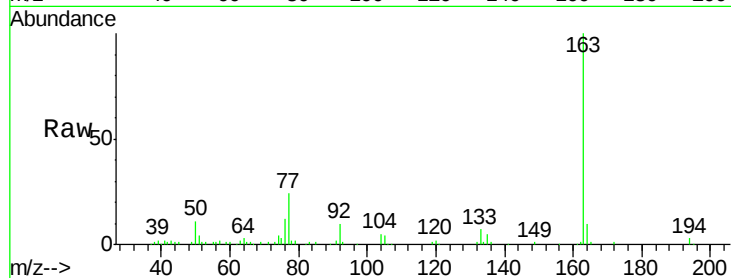
ClientSampled :

TP-2-3FT

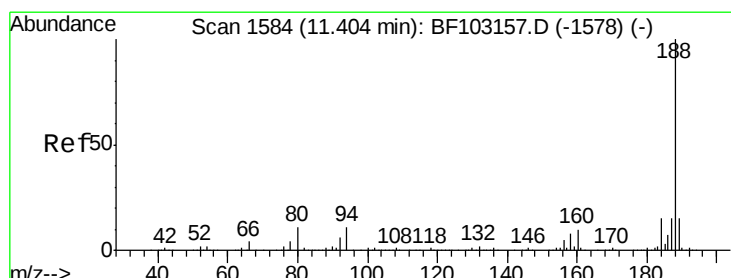
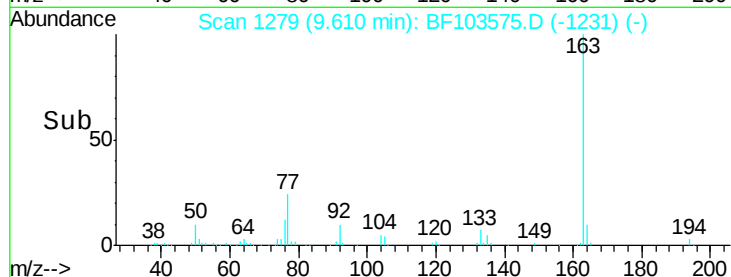
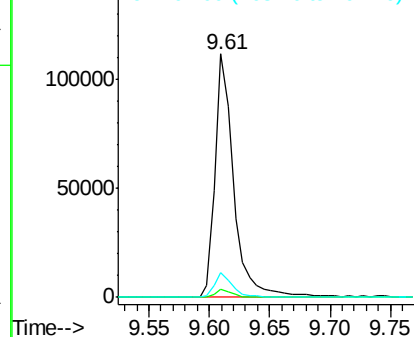
Tot Ion:	163	Resp:	119675
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

Manual Integrations
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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

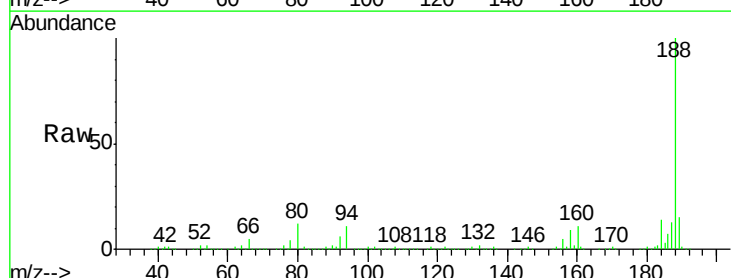
RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

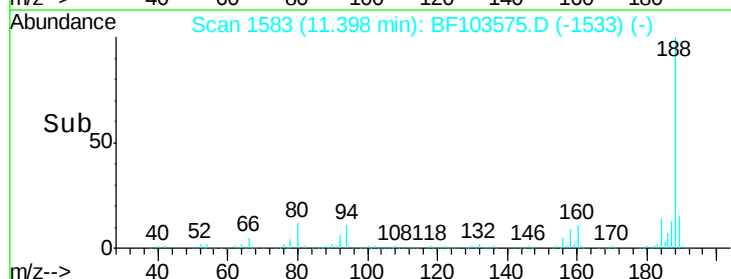
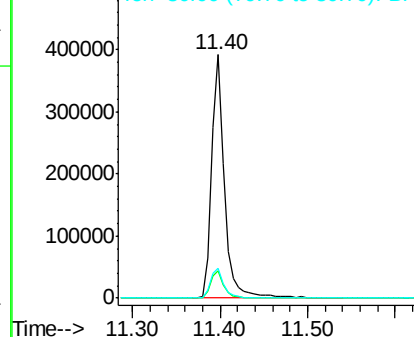
Lab File: BF103575.D

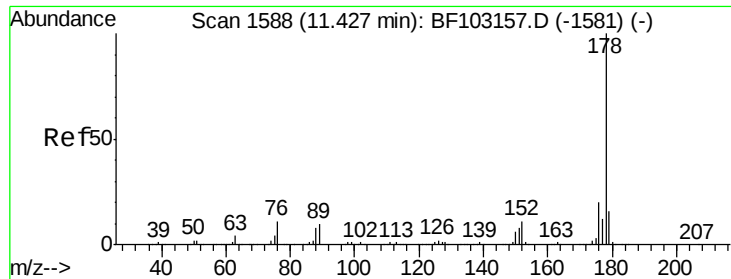
Acq: 12 Mar 2018 12:13

Tgt Ion:	188	Resp:	401579
Ion Ratio	Lower	Upper	
188	100		
94	11.1	8.5	12.7
80	12.0	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: 3.787 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF103575.D

Acq: 12 Mar 2018 12:13

Instrument :

BNA_F

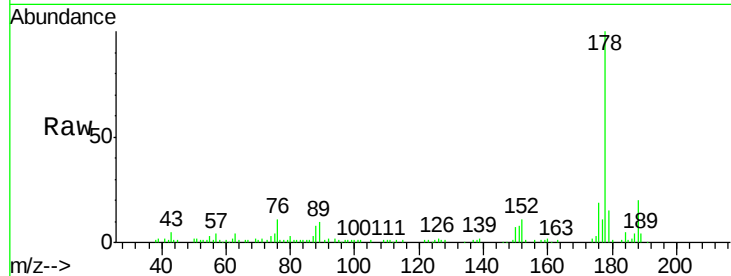
ClientSampled :

TP-2-3FT

Tot Ion:	178	Resp:	83695
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.8	23.8
179	15.3	13.0	19.6

Manual Integrations
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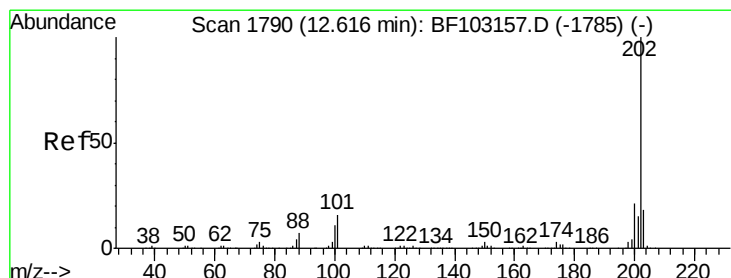
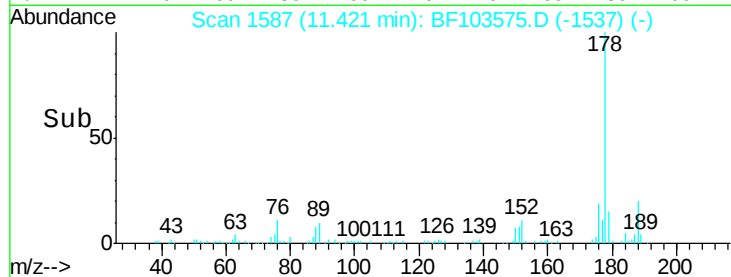
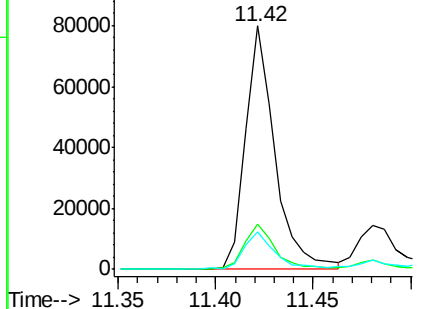
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 4.705 ng

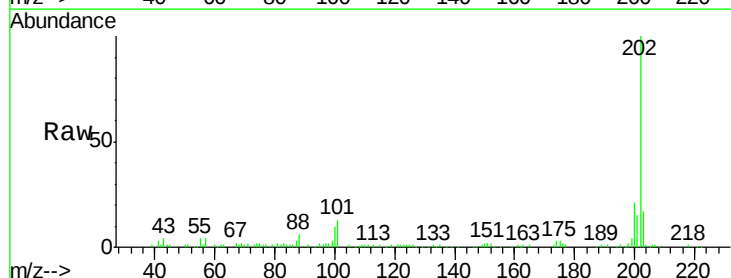
RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103575.D

Acq: 12 Mar 2018 12:13

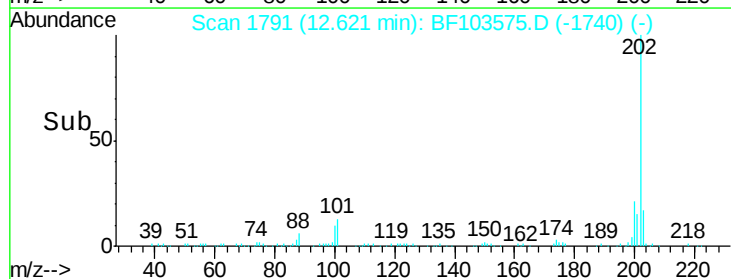
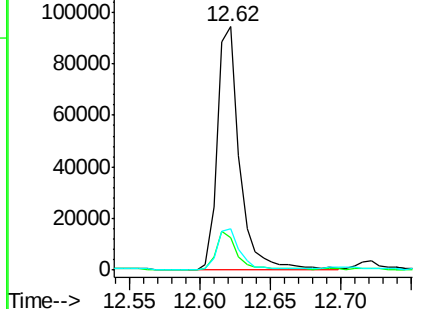
Tgt Ion:	202	Resp:	104492
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	17.1	0.0	38.1

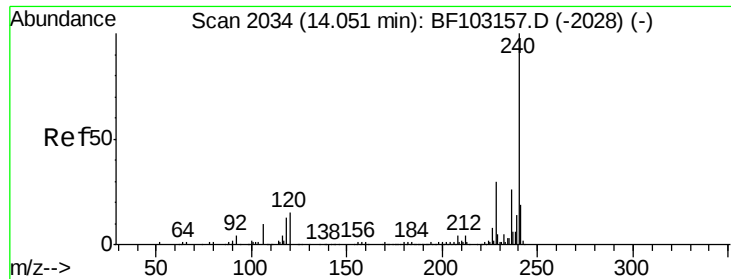


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





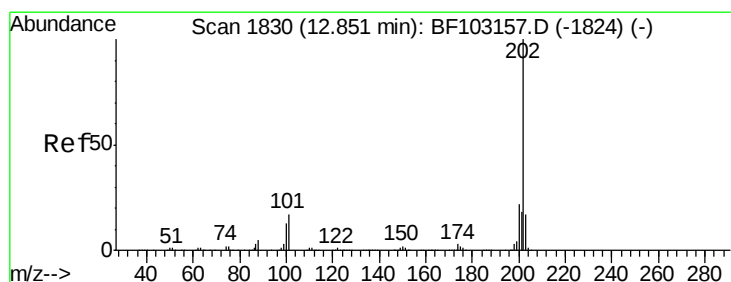
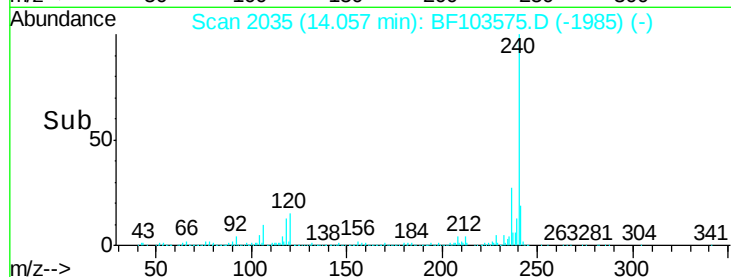
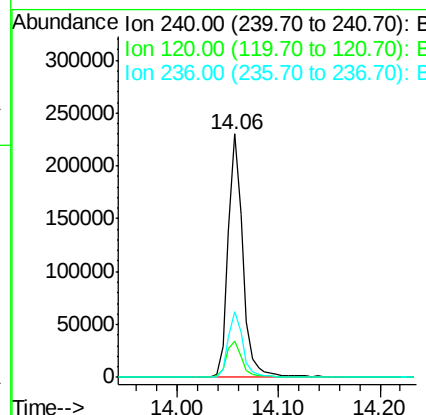
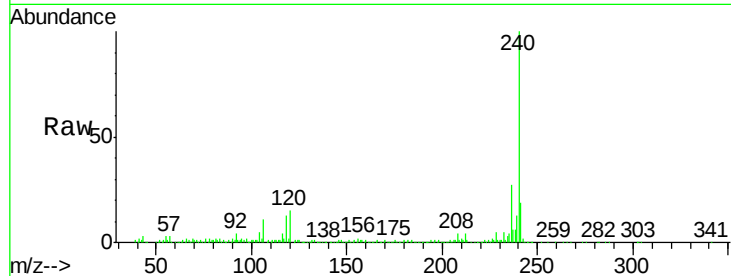
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3
236	27.1	20.7	31.1

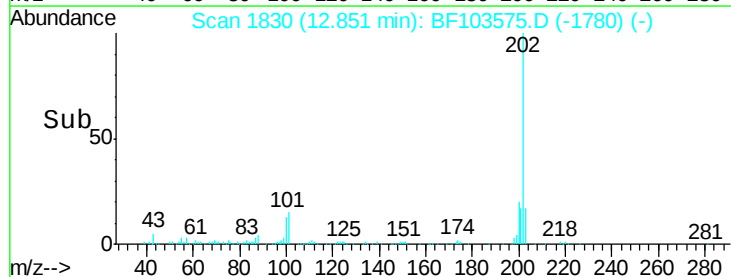
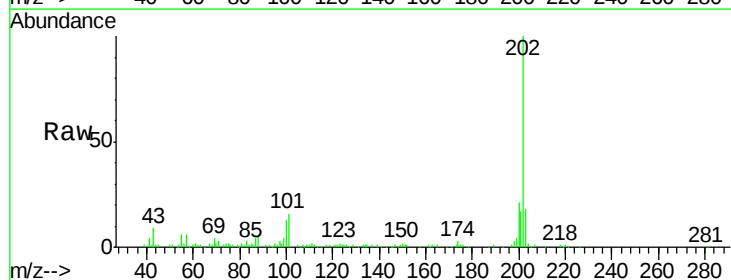
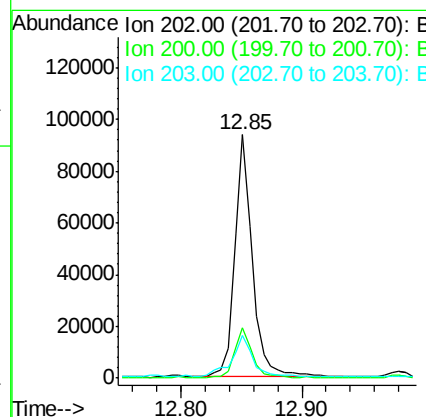
Manual Integrations
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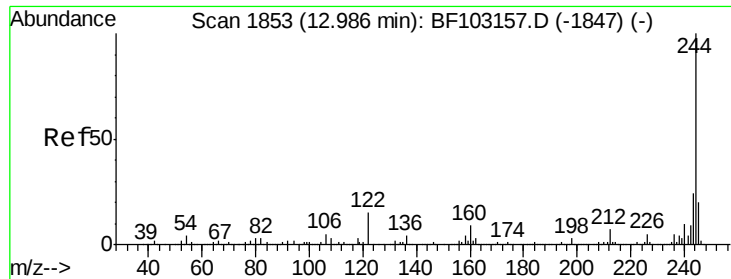
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#77
Pyrene
Concen: 5.271 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.3	21.5





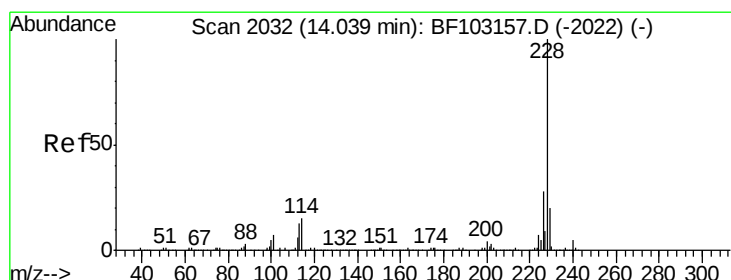
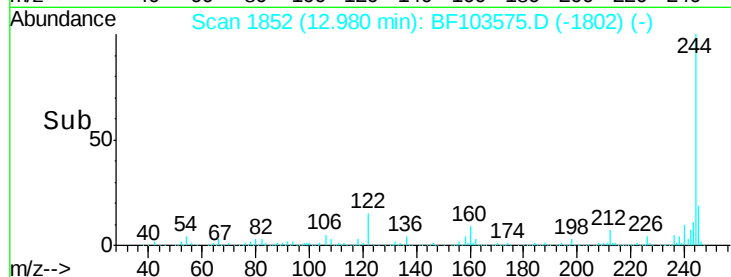
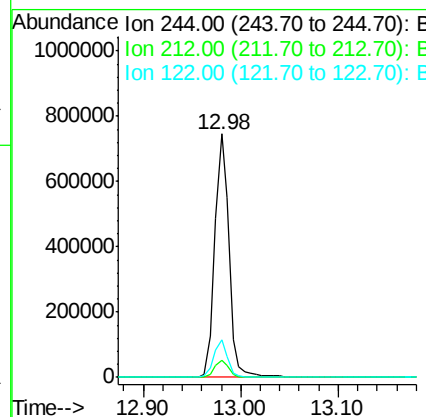
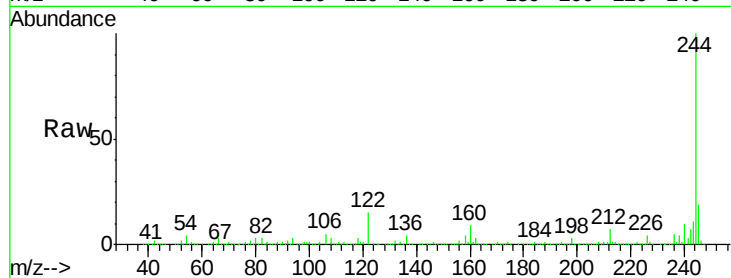
#78
 Terphenyl-d14
 Concen: 78.053 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103575.D
 Acq: 12 Mar 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-3FT

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.2	11.0	16.4

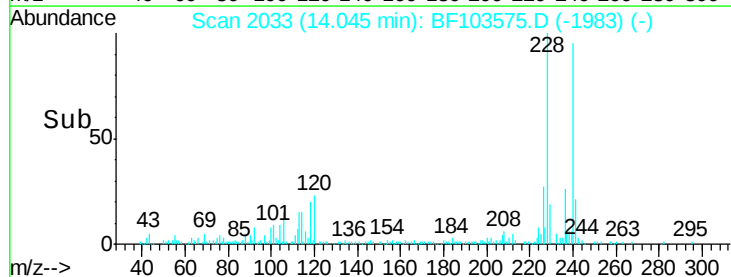
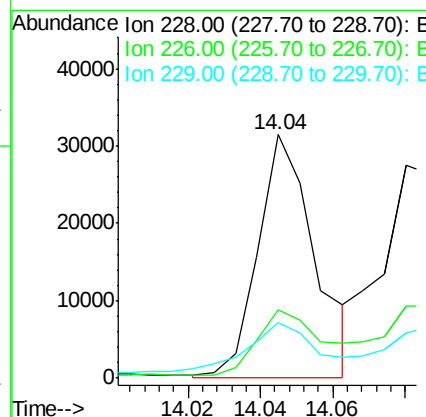
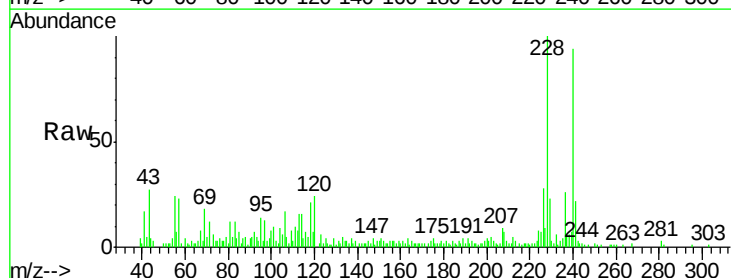
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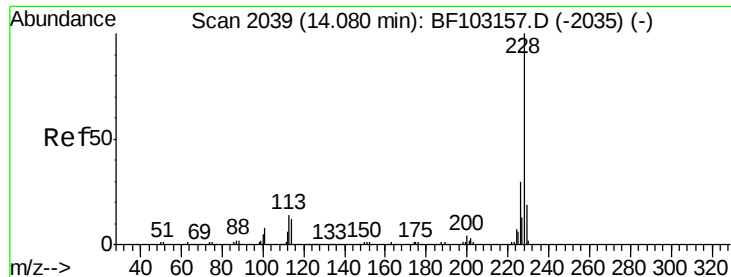
Sohil
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#80
 Benzo(a)anthracene
 Concen: 2.253 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103575.D
 Acq: 12 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	22.7	15.8	23.6





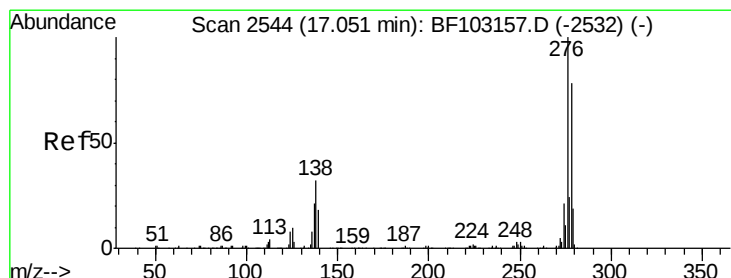
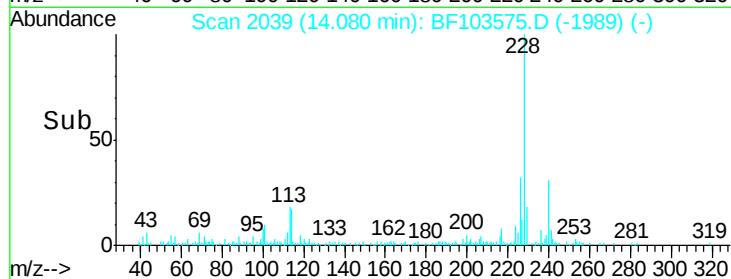
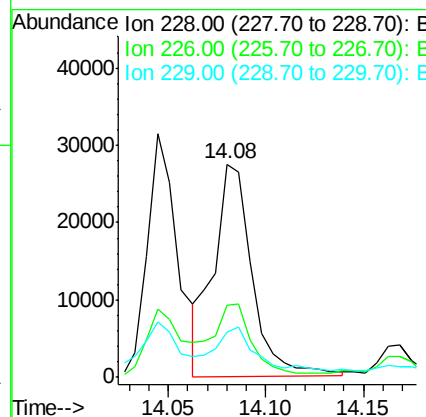
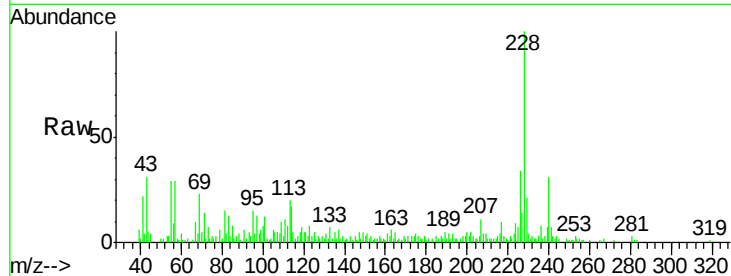
#82
Chrysene
Concen: 2.583 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tot Ion:	228	Resp:	37856
Ion Ratio	Lower	Upper	
228	100		
226	33.8	25.0	37.6
229	21.4	16.2	24.4

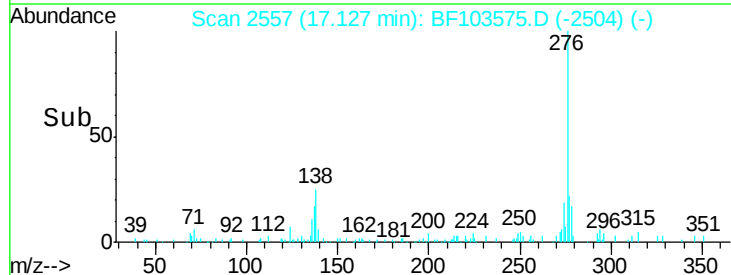
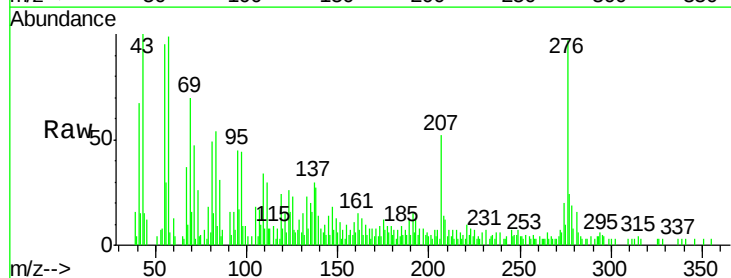
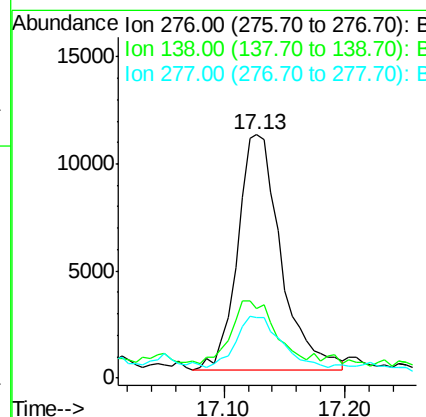
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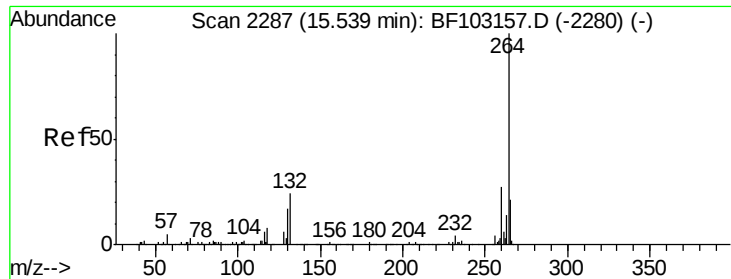
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.356 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:	276	Resp:	27334
Ion Ratio	Lower	Upper	
276	100		
138	27.3	25.0	37.6
277	22.1	20.1	30.1





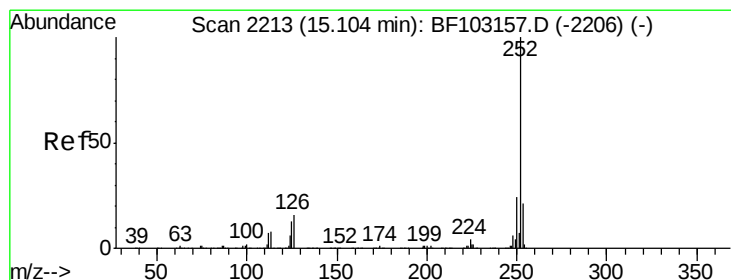
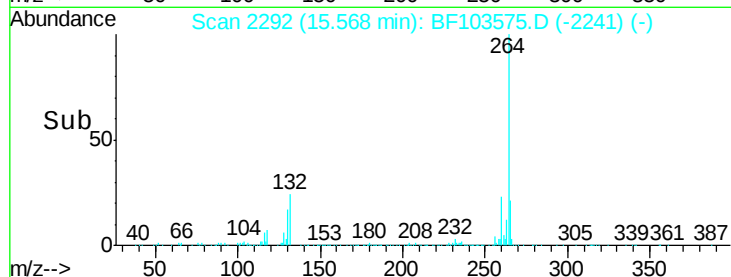
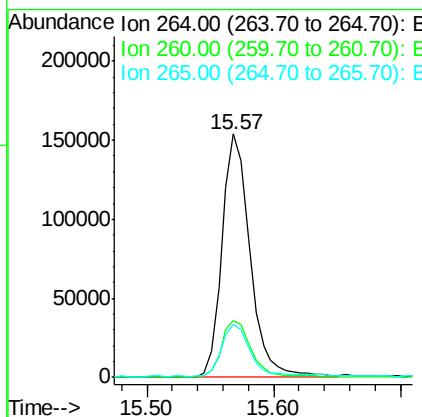
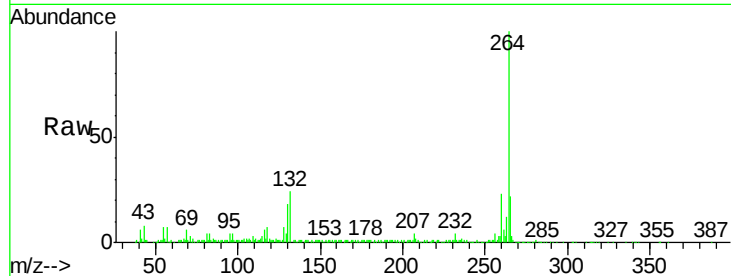
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3

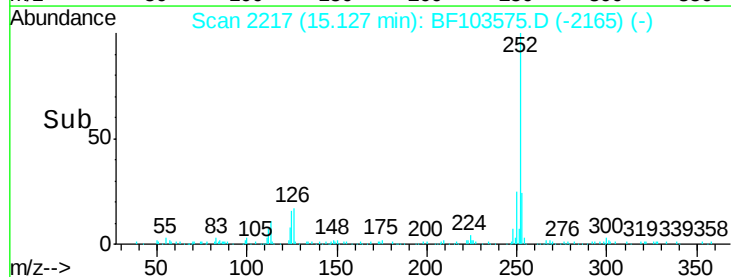
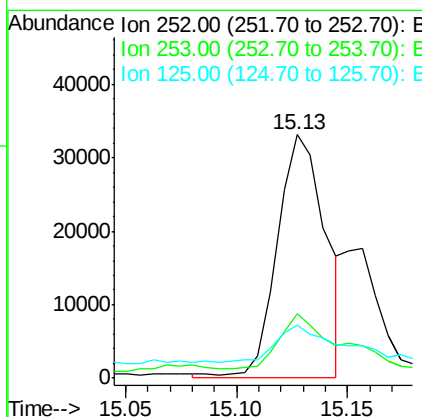
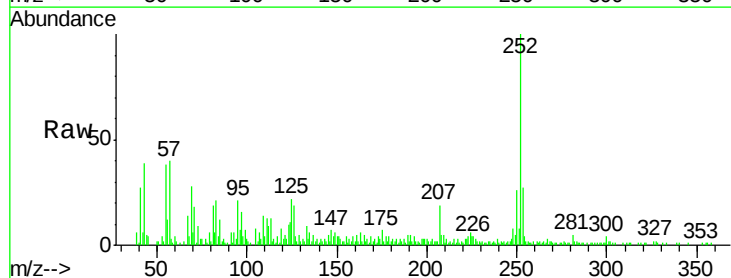
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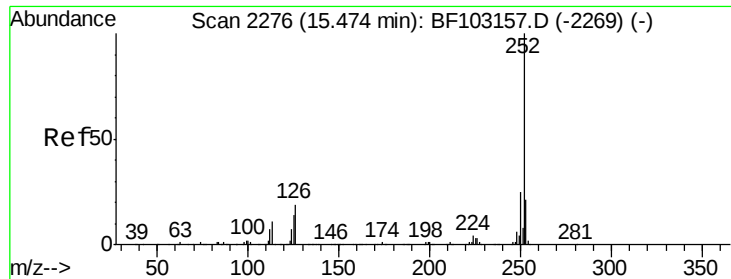
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#87
Benzo(b)fluoranthene
Concen: 3.228 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.0	25.6#
125	21.7	9.0	13.6#





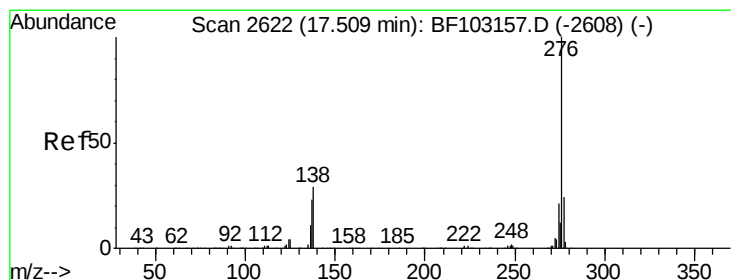
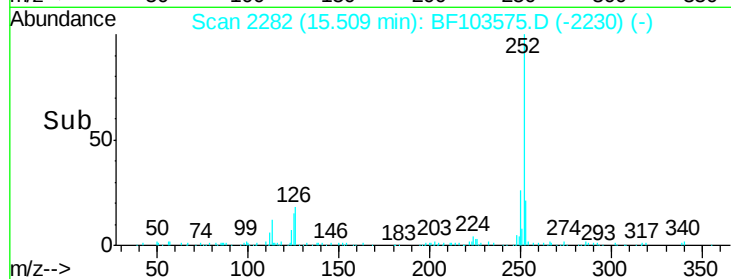
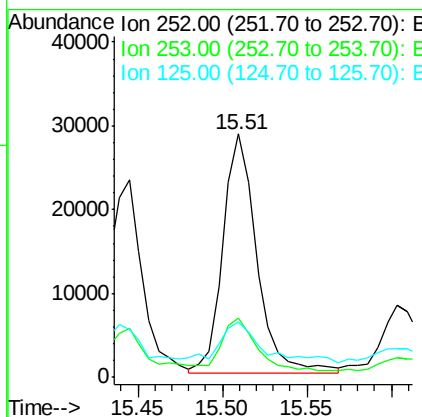
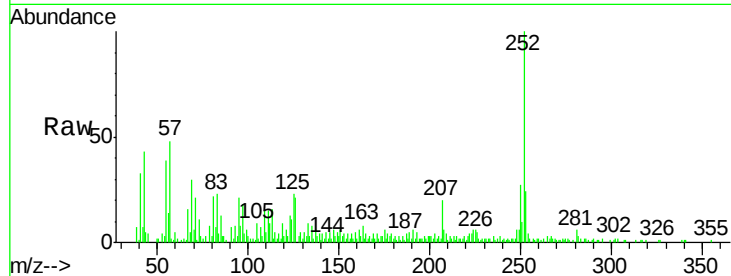
#89
Benzo(a)pyrene
Concen: 2.856 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	22.8	9.8	14.6

Manual Integrations
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3/13/2018 4:12:48 PM



#91
Benzo(g,h,i)perylene
Concen: 3.006 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.02 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.0	17.9	26.9
138	36.9	21.8	32.8

