

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103574.D
 Acq On : 12 Mar 2018 11:46
 Operator : SJ/JU
 Sample : J1776-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-6FT

Manual Integrations
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 3/13/2018 4:12:45 PM

Quant Time: Mar 12 16:28:35 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	141927	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	599819	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	252020	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	401509	20.00	ng	0.00
75) Chrysene-d12	14.06	240	225495	20.00	ng	0.00
86) Perylene-d12	15.57	264	212847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	762311	81.23	ng	0.01
7) Phenol-d6	6.50	99	982395	85.55	ng	0.00
23) Nitrobenzene-d5	7.43	82	612875	58.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	134276	62.95	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	862731	53.86	ng	0.00
78) Terphenyl-d14	12.98	244	575991	61.40	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	71981	3.560	ng	98
70) Phenanthrene	11.42	178	132352	5.990	ng	99
74) Fluoranthene	12.62	202	204514	9.211	ng	97
77) Pyrene	12.85	202	179277	10.197	ng	99
80) Benzo(a)anthracene	14.04	228	65499m	4.477	ng	
82) Chrysene	14.09	228	66650	4.692	ng	96
85) Indeno(1,2,3-cd)pyrene	17.12	276	40334	3.586	ng	# 92
87) Benzo(b)fluoranthene	15.13	252	90221m	6.447	ng	
88) Benzo(k)fluoranthene	15.15	252	29537m	2.241	ng	
89) Benzo(a)pyrene	15.51	252	65371	5.231	ng	# 86
91) Benzo(g,h,i)perylene	17.60	276	40727	4.315	ng	# 84

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

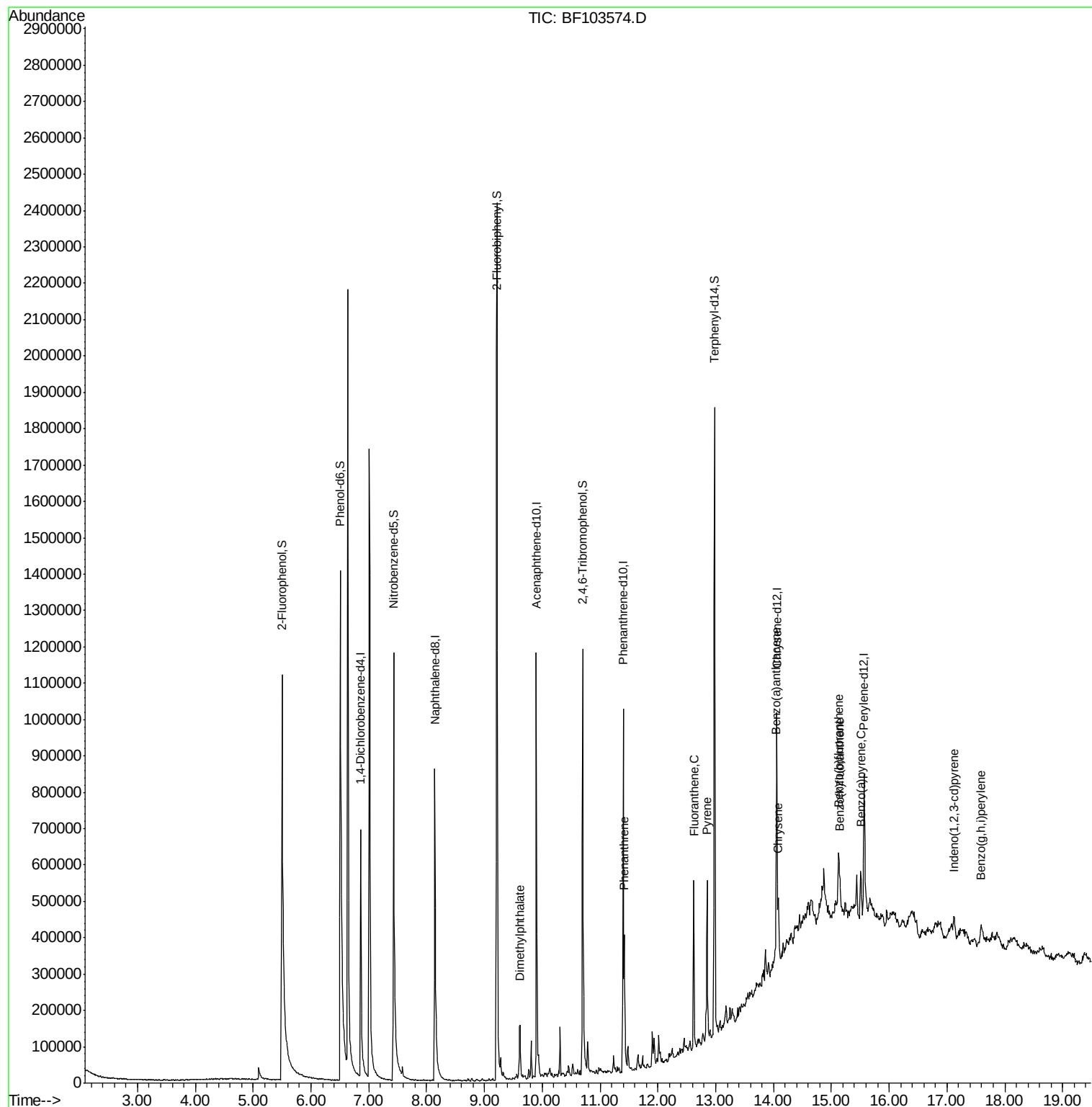
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103574.D
Acq On : 12 Mar 2018 11:46
Operator : SJ/JU
Sample : J1776-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

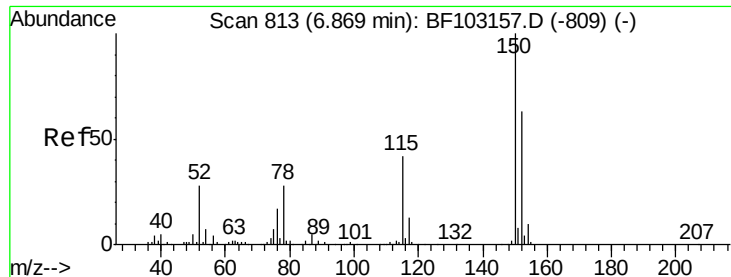
Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

Quant Time: Mar 12 16:28:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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QLast Update : Fri Mar 09 11:47:13 2018
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#1

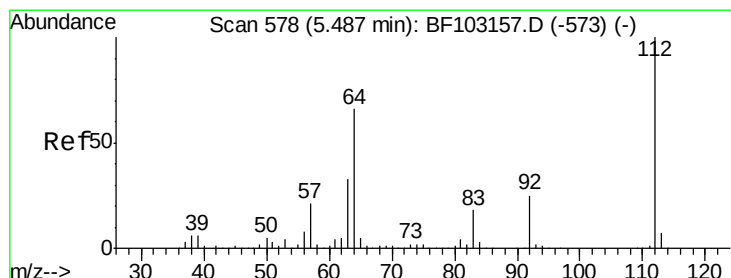
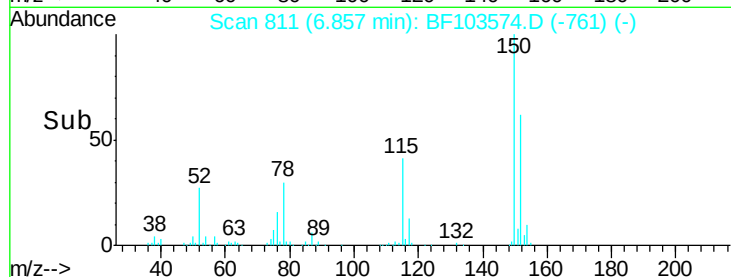
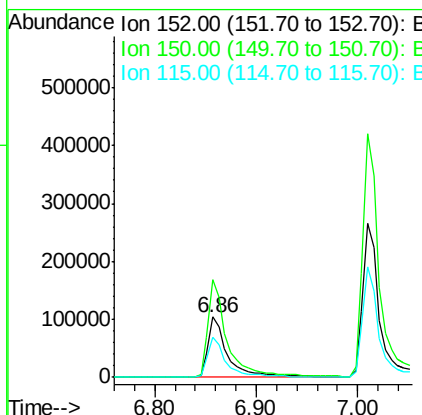
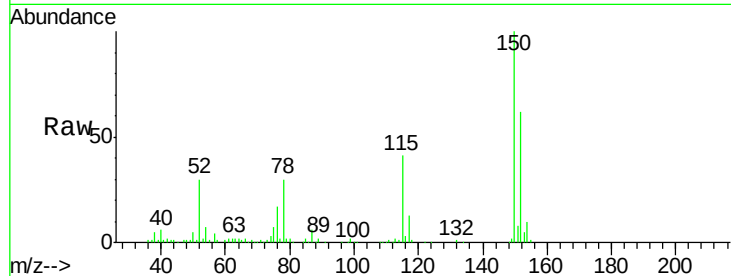
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Instrument :
BNA_F
ClientSampled :
TP-1-6FT

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	65.8	50.1	75.1

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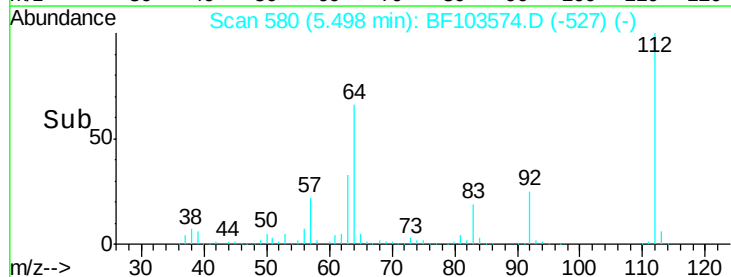
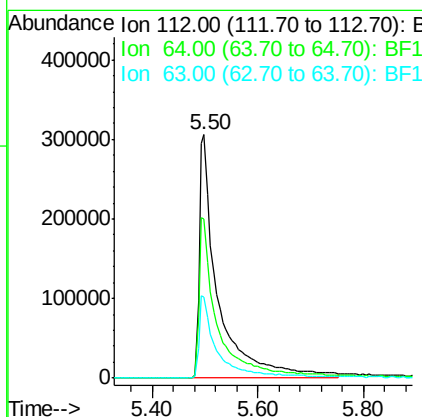
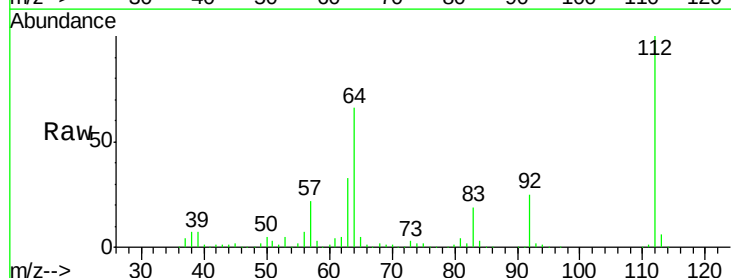
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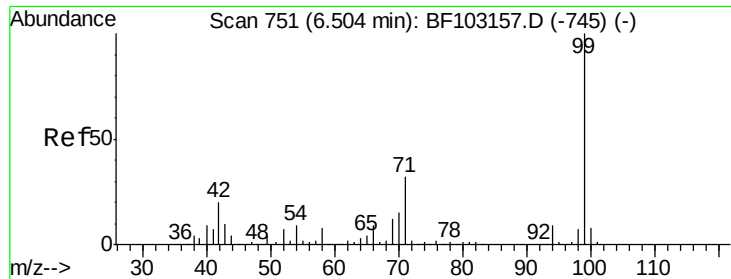


#5

2-Fluorophenol
Concen: 81.235 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 85.554 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103574.D

Acq: 12 Mar 2018 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

Tot Ion: 99 Resp: 982395

Ion Ratio Lower Upper

99 100

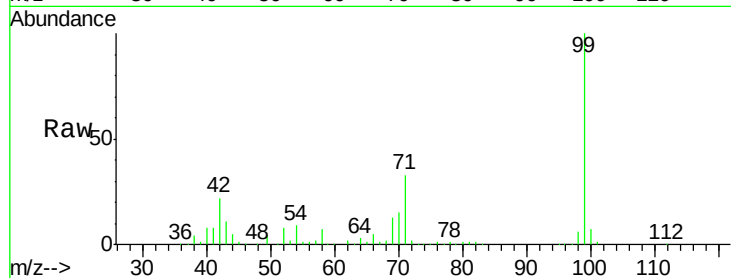
42 21.8 14.5 21.7#

71 32.9 25.4 38.0

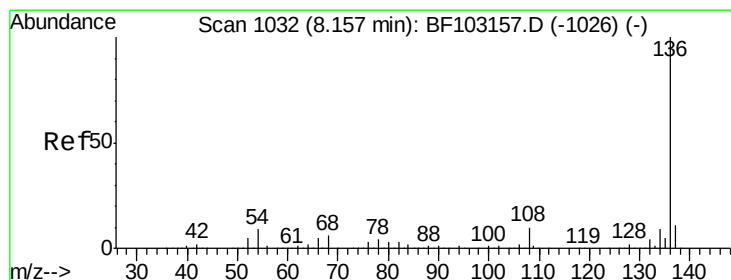
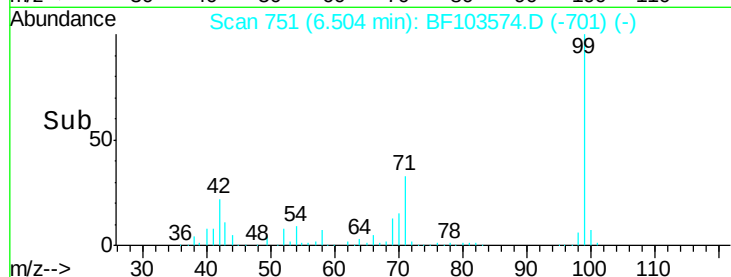
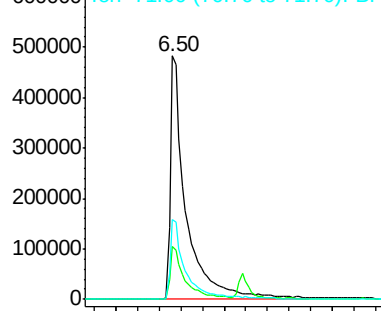
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103574.D

Acq: 12 Mar 2018 11:46

Tgt Ion: 136 Resp: 599819

Ion Ratio Lower Upper

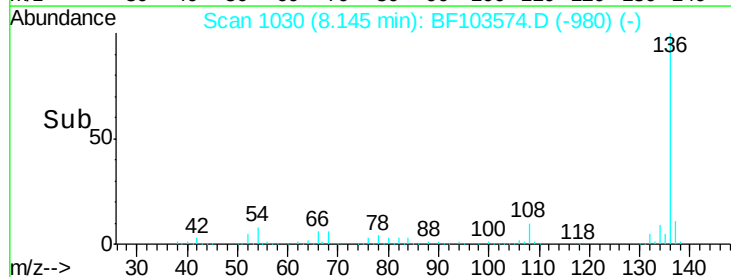
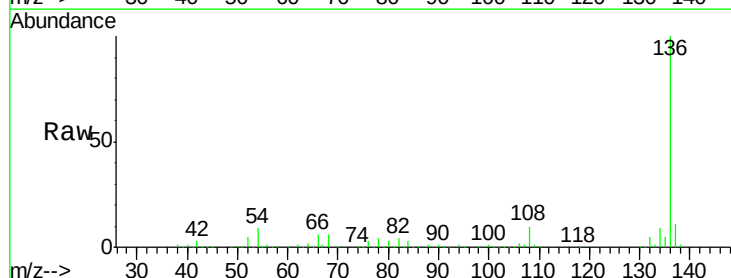
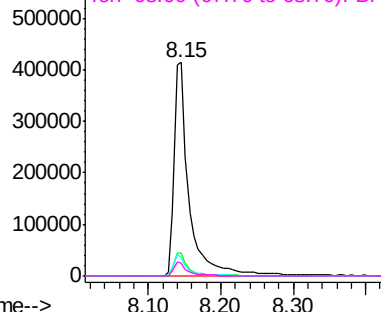
136 100

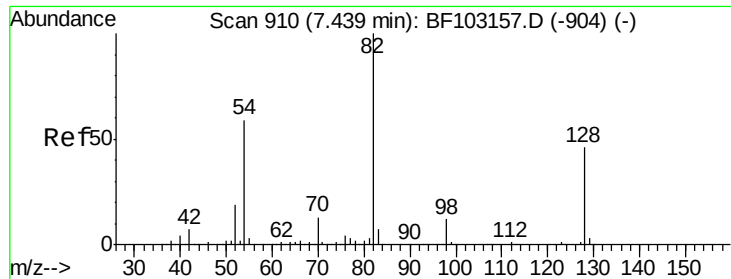
137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.2 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





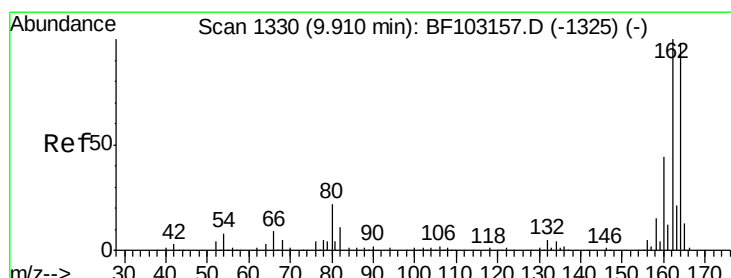
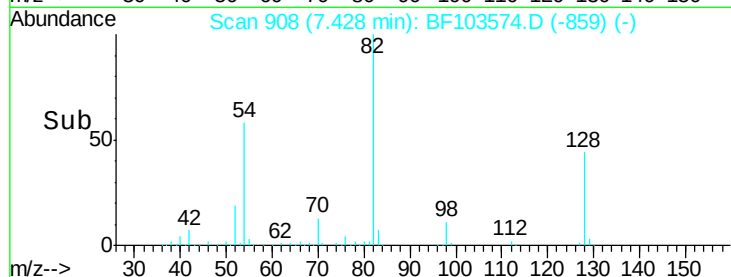
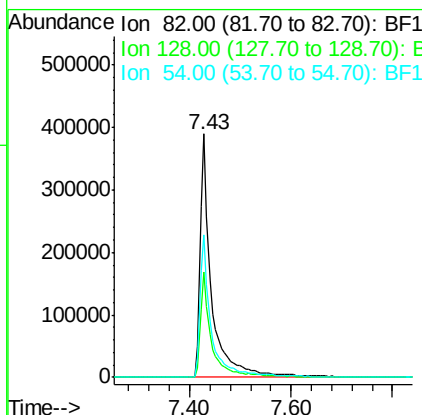
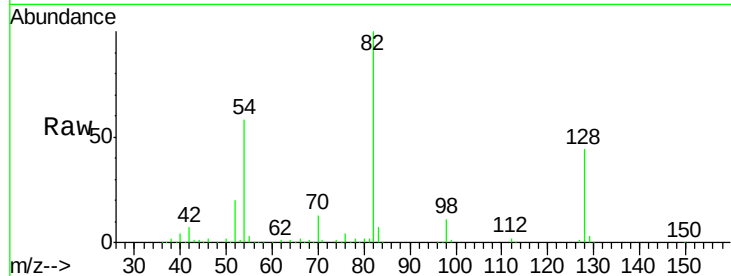
#23
 Nitrobenzene-d5
 Concen: 58.351 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103574.D
 Acq: 12 Mar 2018 11:46

Instrument :
 BNA_F
 ClientSampled :
 TP-1-6FT

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	58.4	41.4	62.2

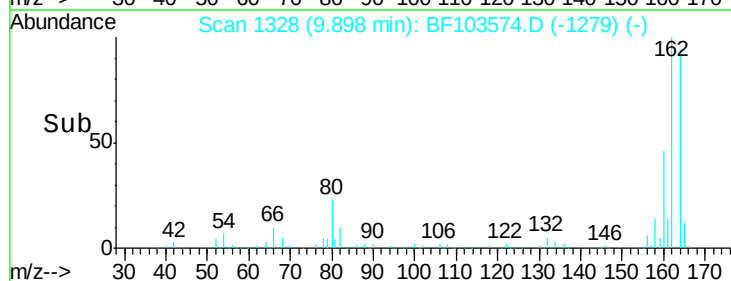
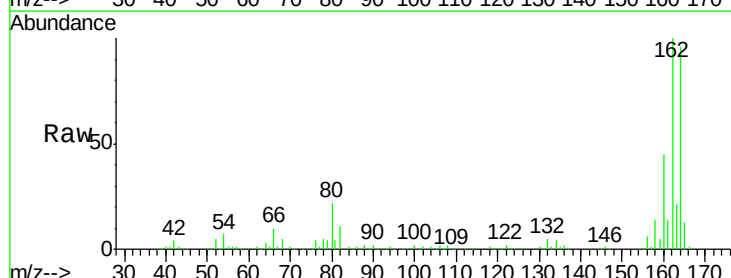
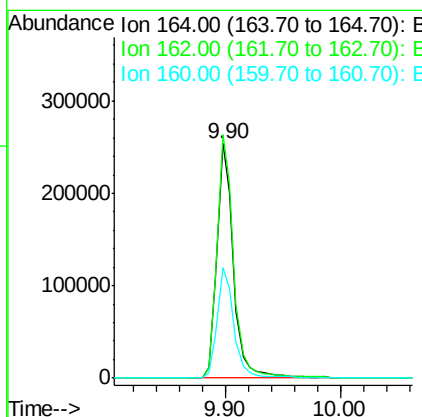
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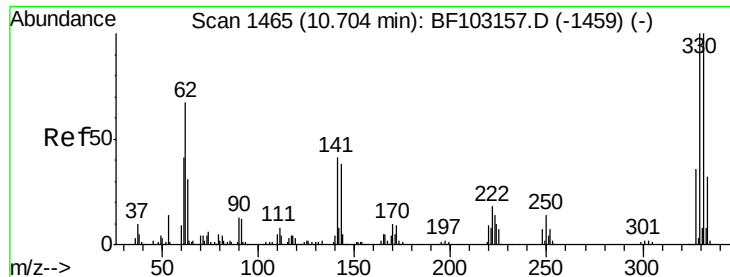
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103574.D
 Acq: 12 Mar 2018 11:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.2	38.3	57.5





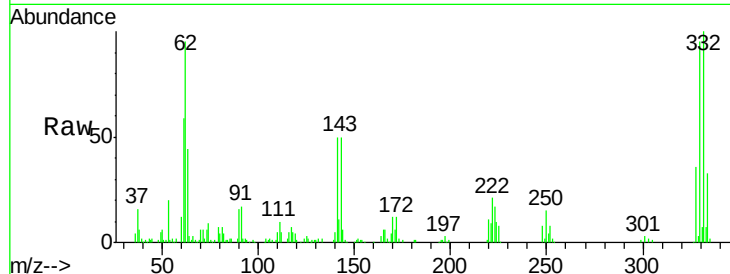
#41
 2,4,6-Tribromophenol
 Concen: 62.945 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103574.D
 Acq: 12 Mar 2018 11:46

Instrument :
 BNA_F
 ClientSampled :
 TP-1-6FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.9	77.0	115.6
141	51.1	29.9	44.9

Manual Integrations
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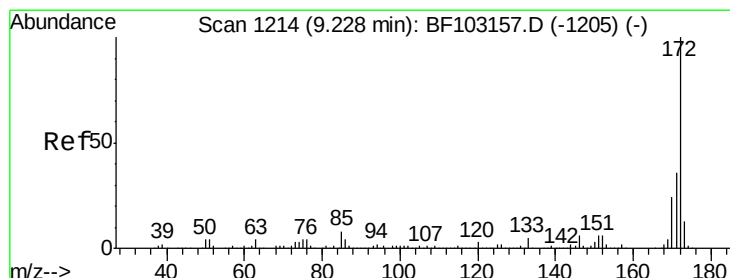
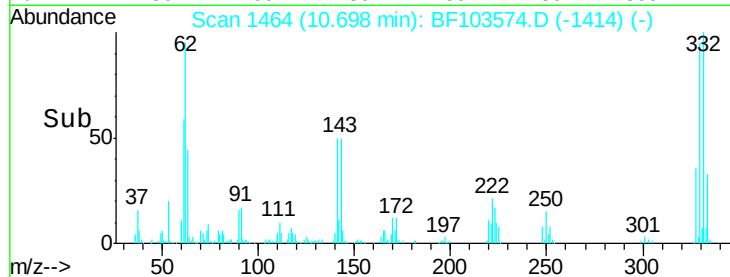
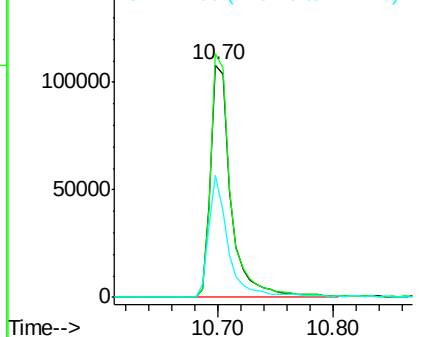


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 53.857 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103574.D
 Acq: 12 Mar 2018 11:46

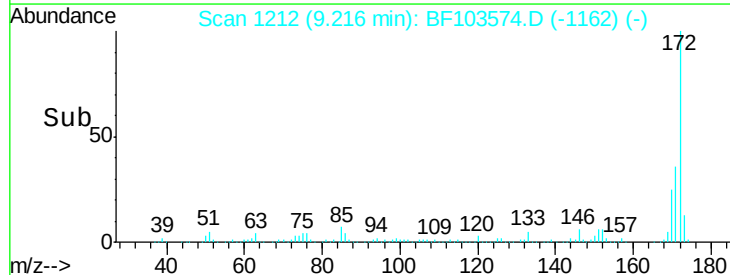
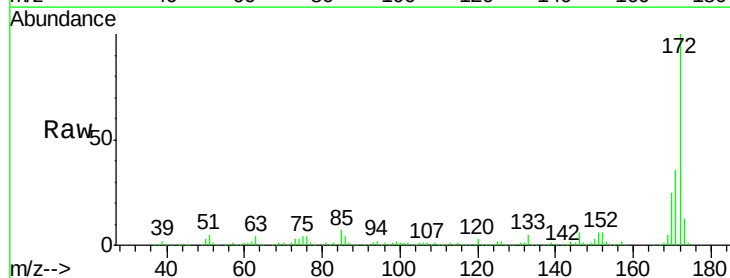
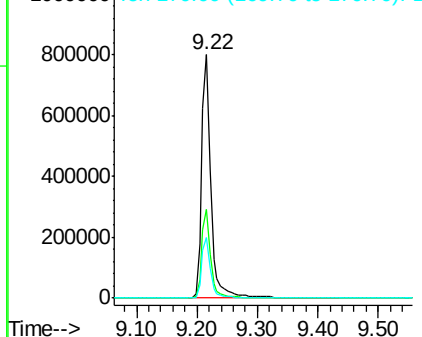
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

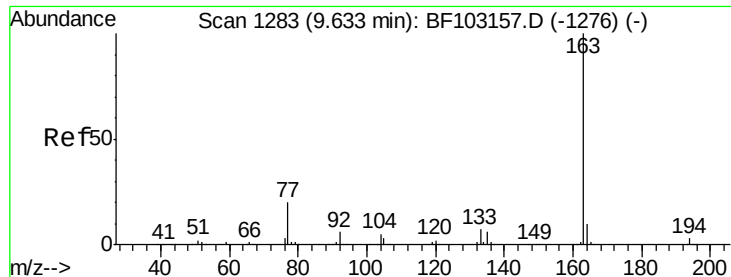
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





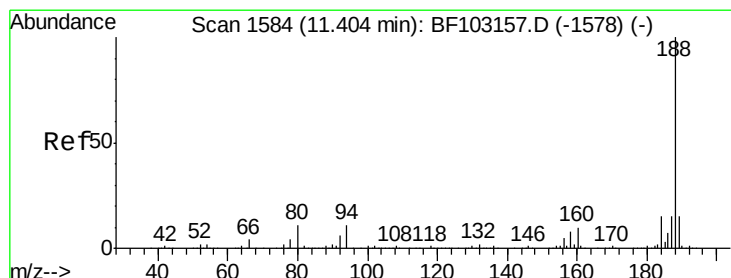
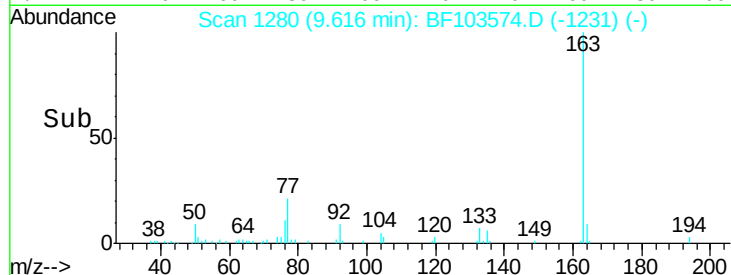
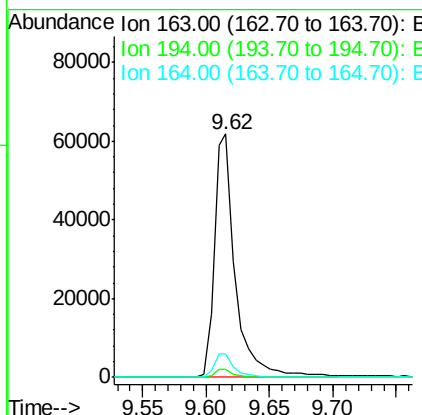
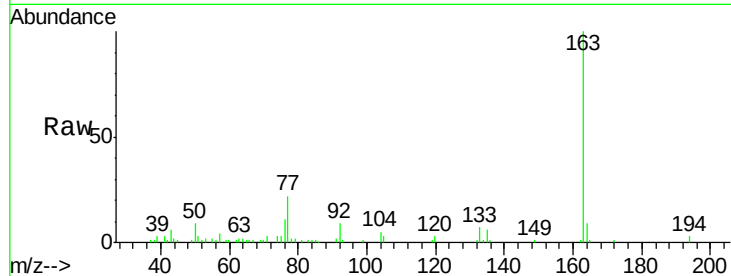
#49
Dimethylphthalate
Concen: 3.560 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.2	12.2

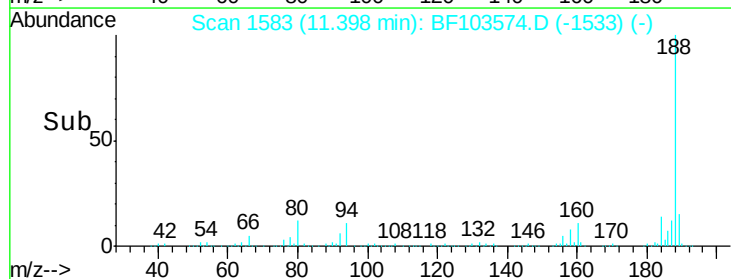
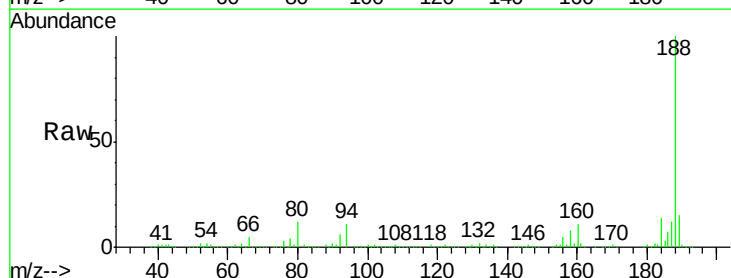
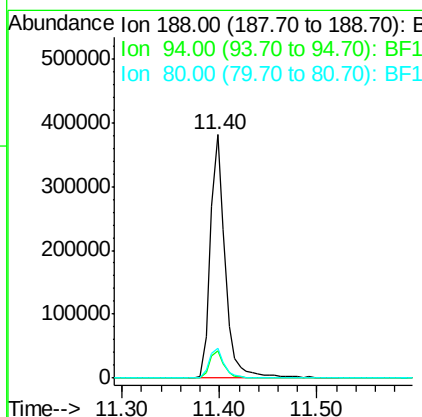
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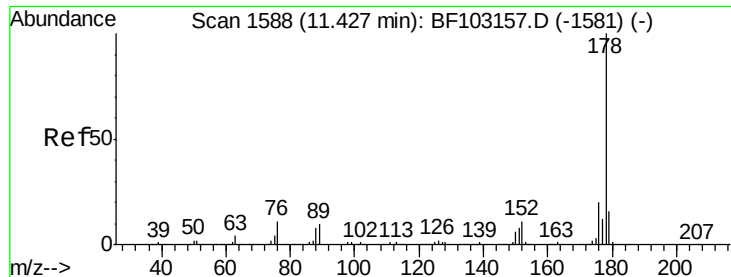
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.4	9.2	13.8





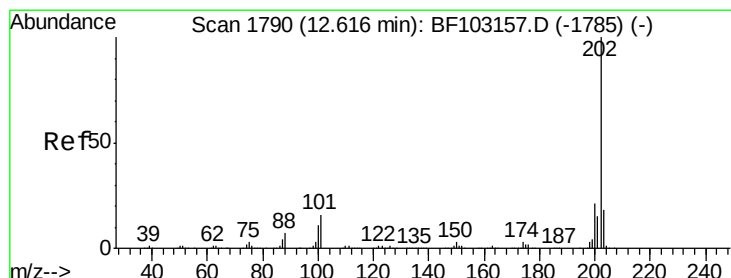
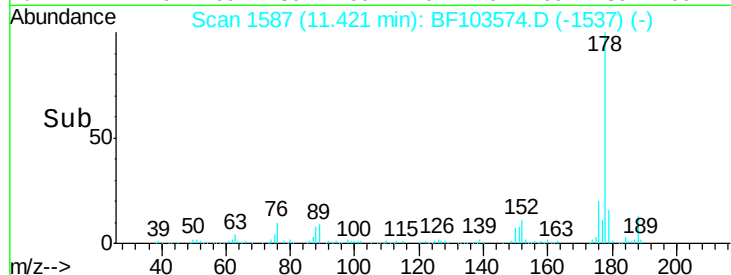
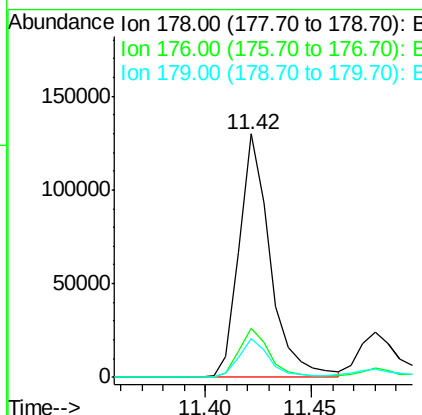
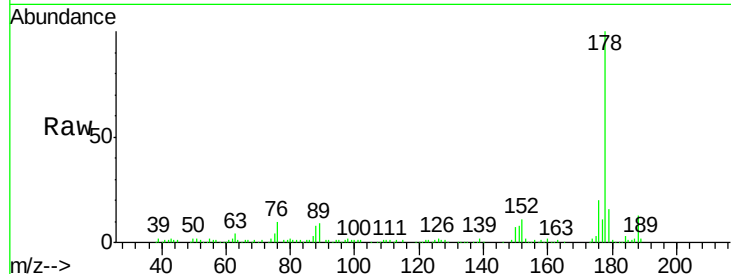
#70
Phenanthrene
Concen: 5.990 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.9	13.0	19.6

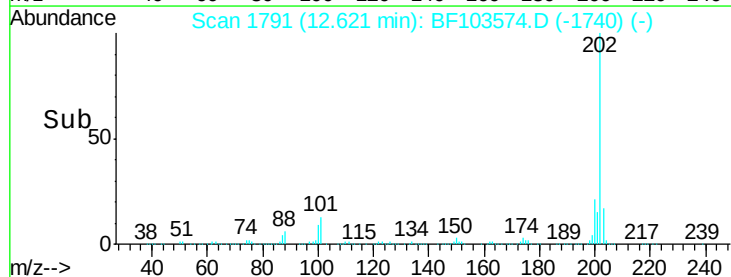
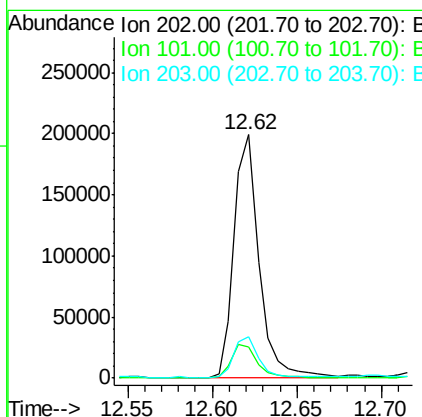
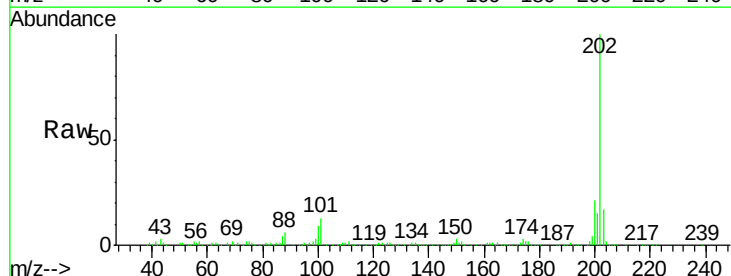
Manual Integrations
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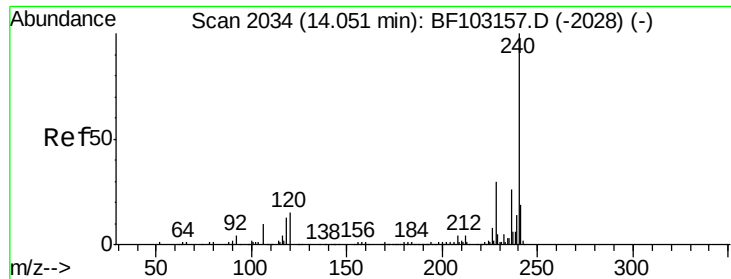
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#74
Fluoranthene
Concen: 9.211 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.2	0.0	38.1





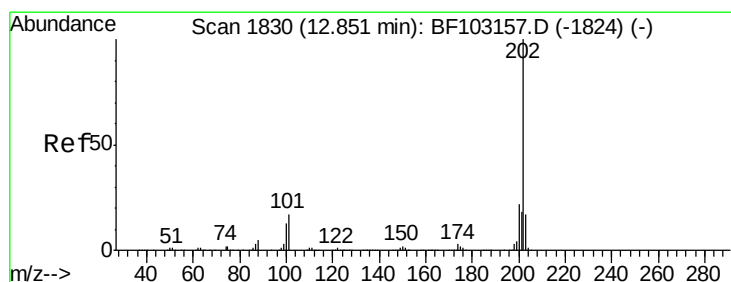
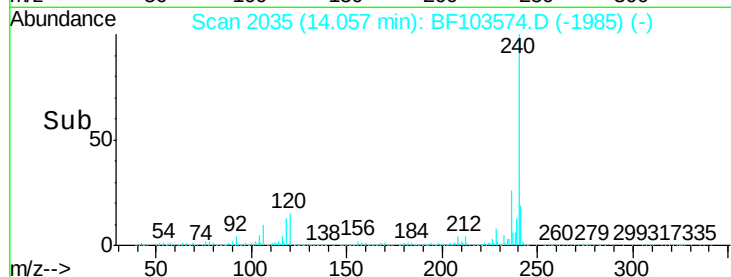
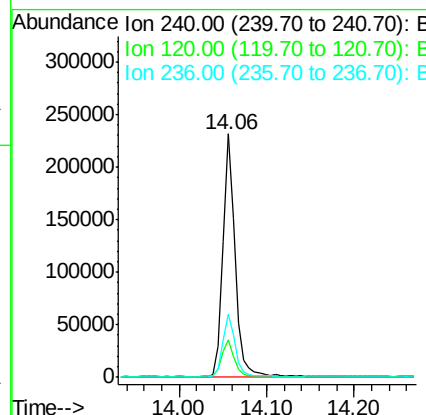
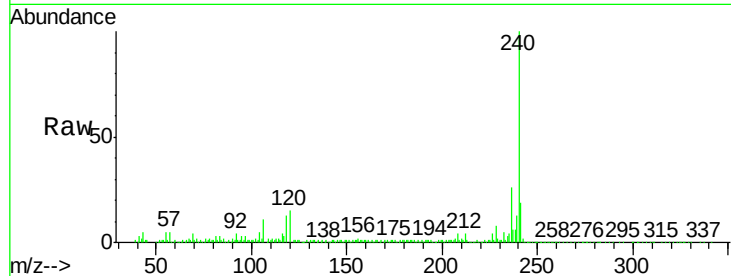
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Instrument :
BNA_F
ClientSampled :
TP-1-6FT

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3
236	26.2	20.7	31.1

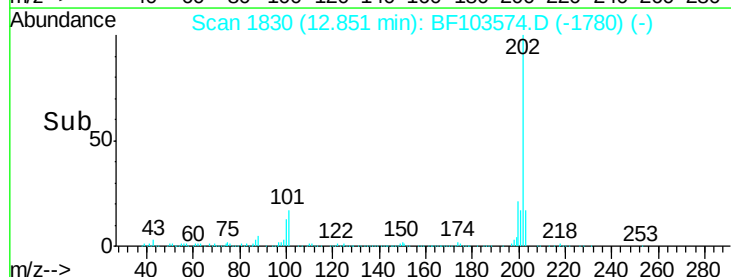
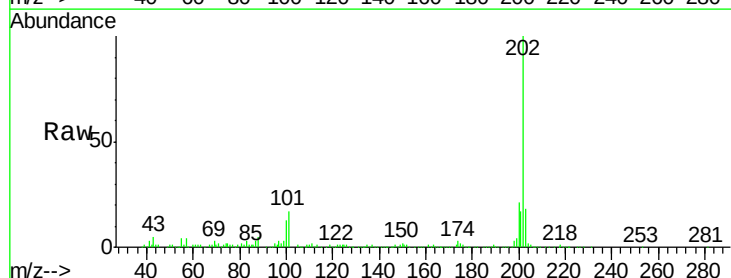
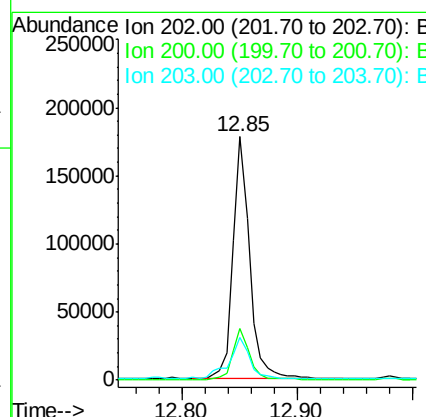
Manual Integrations
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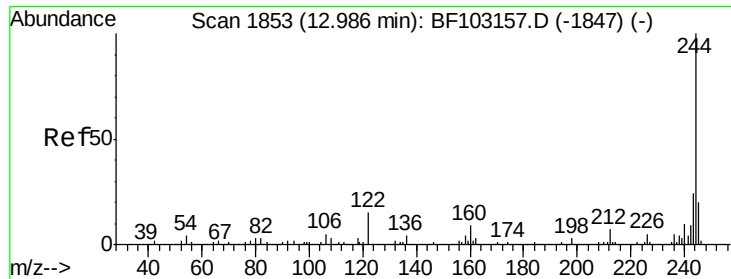
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#77
Pyrene
Concen: 10.197 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5





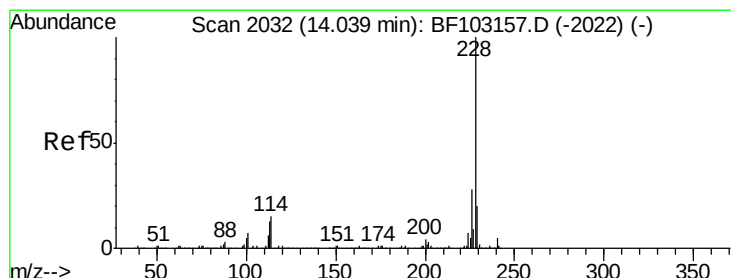
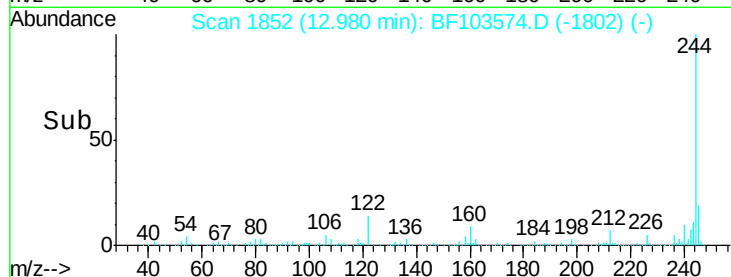
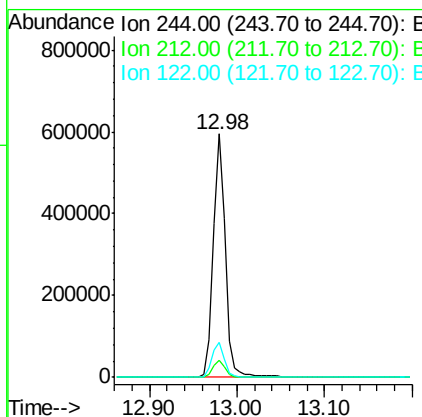
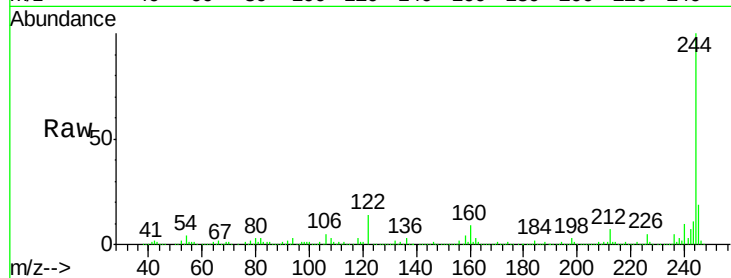
#78
 Terphenyl-d14
 Concen: 61.403 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103574.D
 Acq: 12 Mar 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-6FT

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.5	11.0	16.4

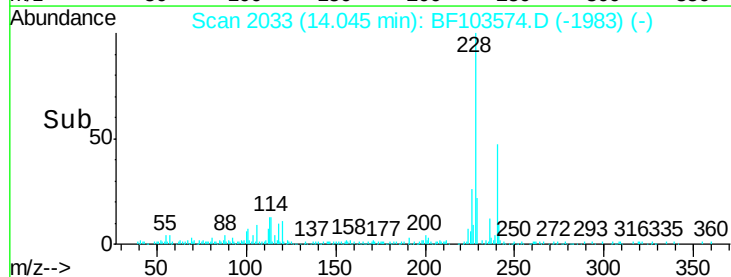
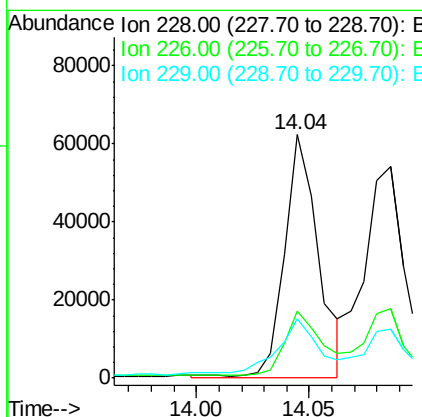
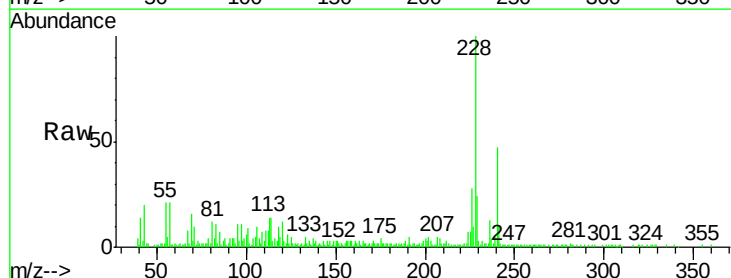
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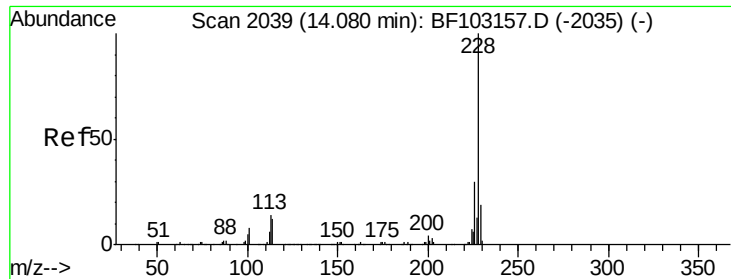
Sohil
 3/13/2018 4:12:45 PM



#80
 Benzo(a)anthracene
 Concen: 4.477 ng m
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103574.D
 Acq: 12 Mar 2018 11:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	24.2	15.8	23.6





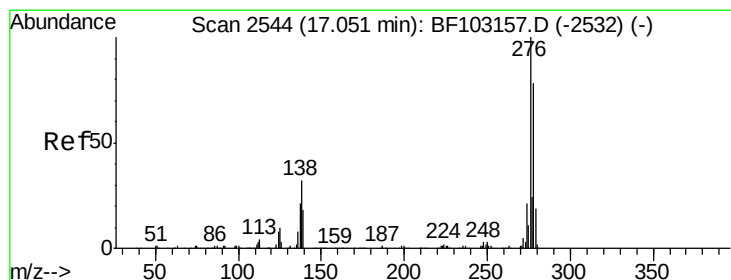
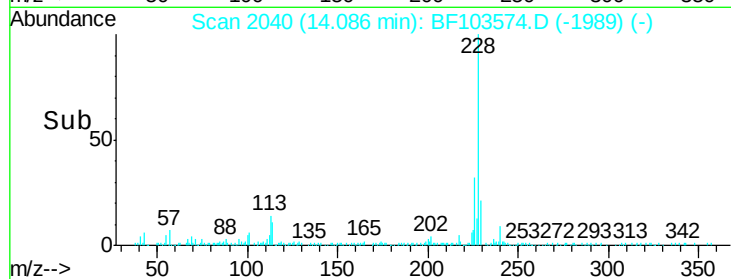
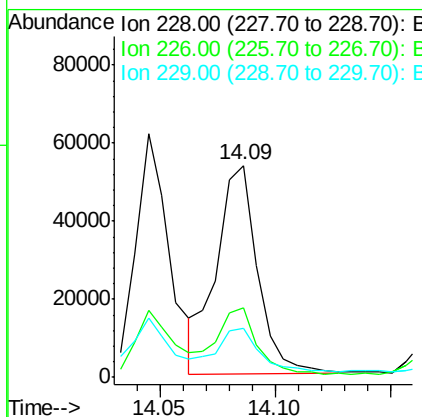
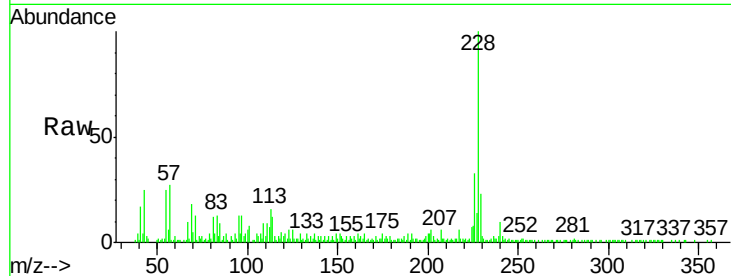
#82
Chrysene
Concen: 4.692 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

Tot Ion:	228	Resp:	66650
Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	23.3	16.2	24.4

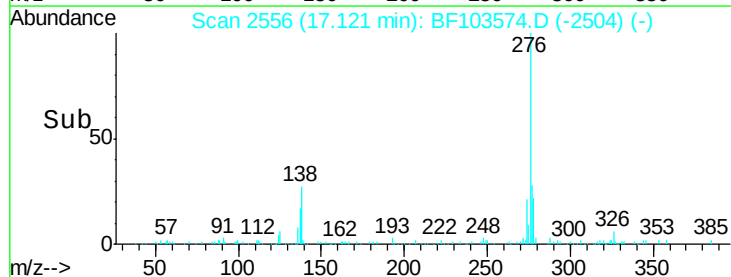
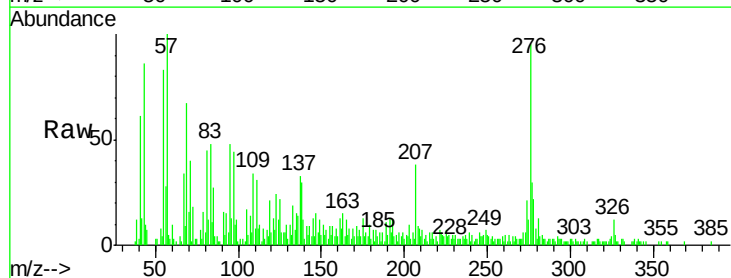
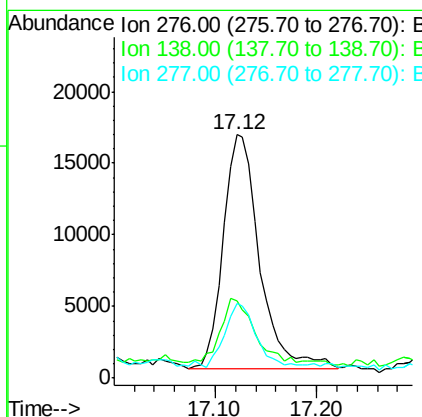
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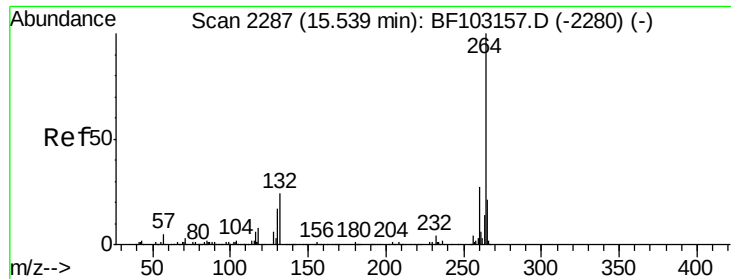
Sohil
3/13/2018 4:12:45 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.586 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Tgt Ion:	276	Resp:	40334
Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	23.6	20.1	30.1





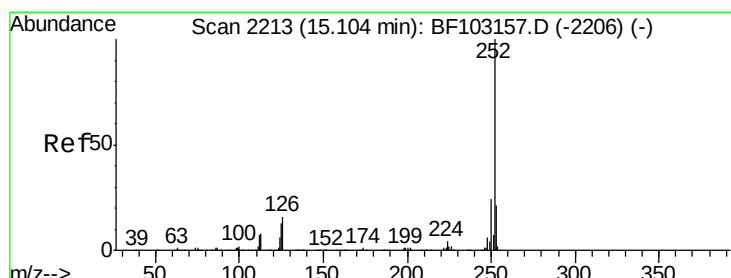
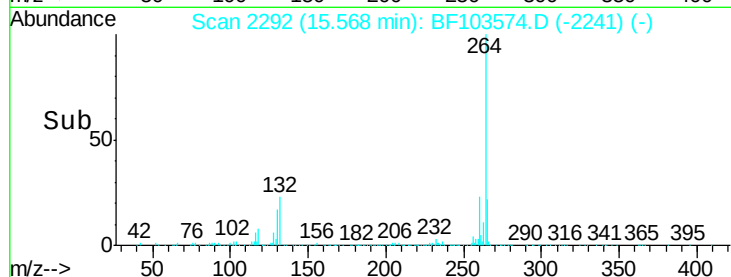
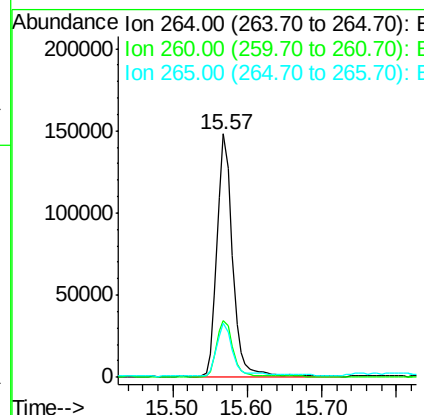
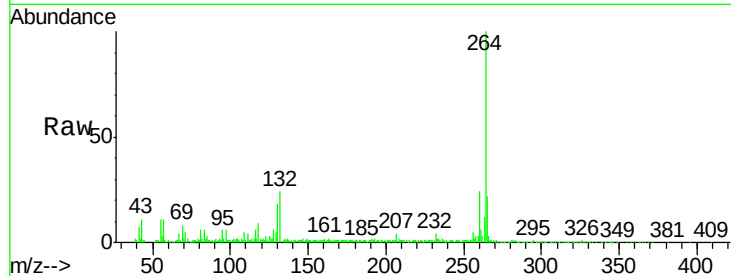
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.5	26.3

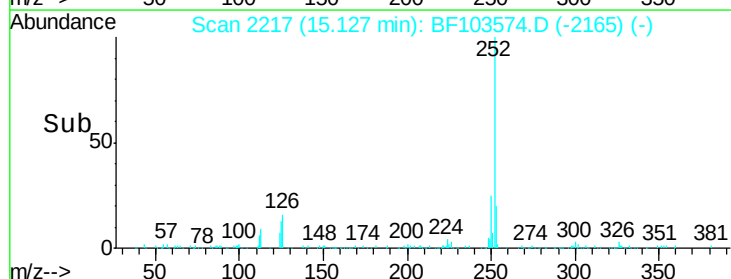
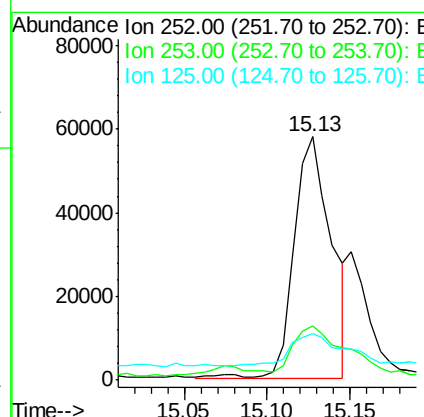
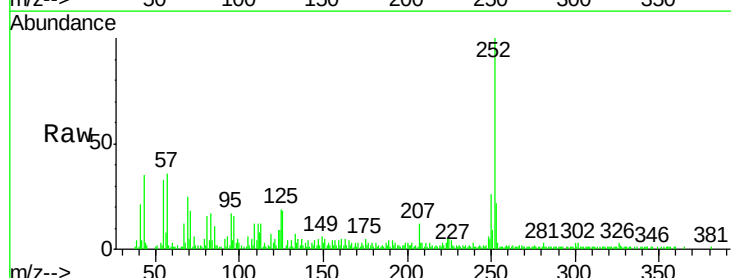
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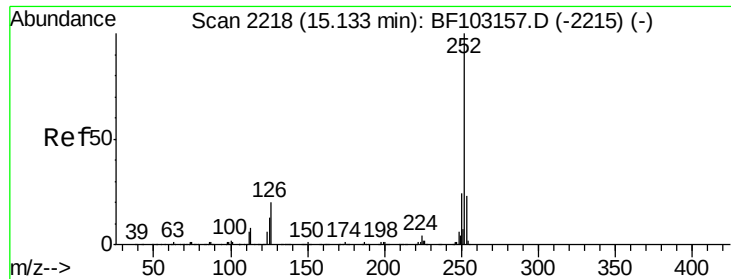
Sohil
3/13/2018 4:12:45 PM



#87
Benzo(b)fluoranthene
Concen: 6.447 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	19.2	9.0	13.6





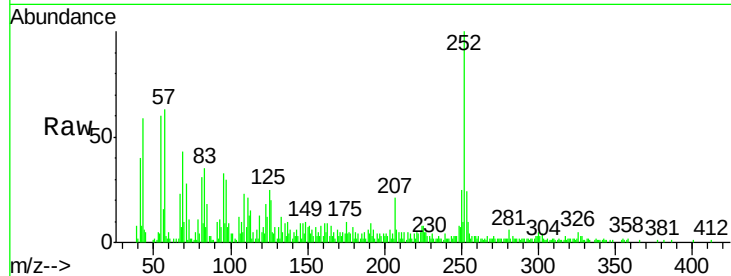
#88
Benzo(k)fluoranthene
Concen: 2.241 ng m
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Instrument :
BNA_F
ClientSampled :
TP-1-6FT

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	24.8	10.2	15.2

Manual Integrations
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Sohil
3/13/2018 4:12:45 PM

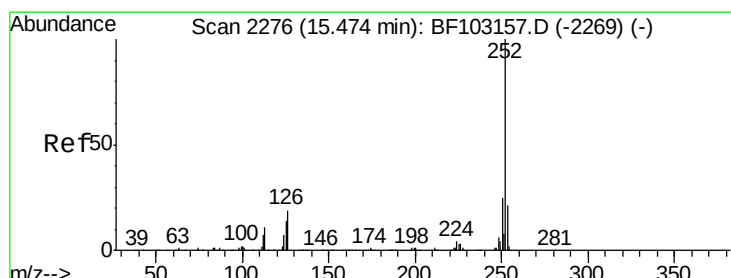
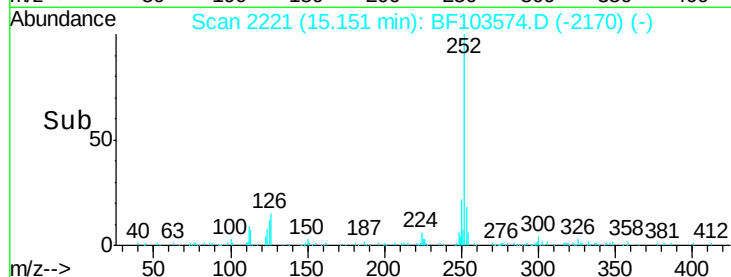
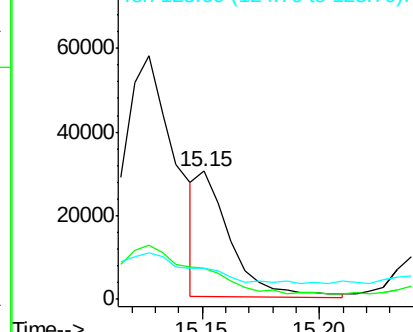


Abundance

Ion 252.00 (251.70 to 252.70): E

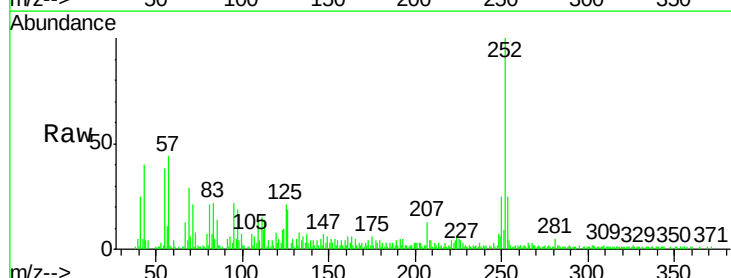
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 5.231 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103574.D
Acq: 12 Mar 2018 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	21.5	9.8	14.6

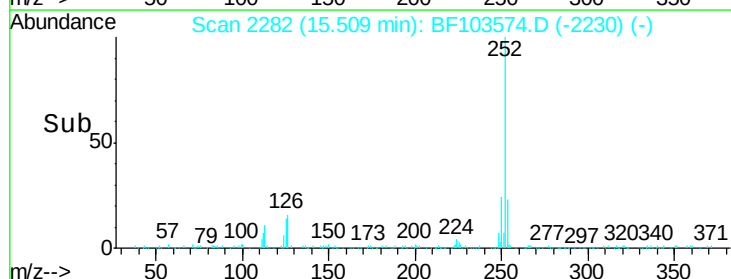
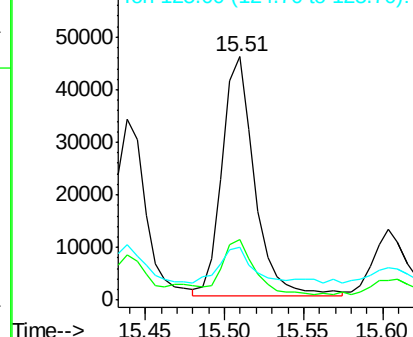


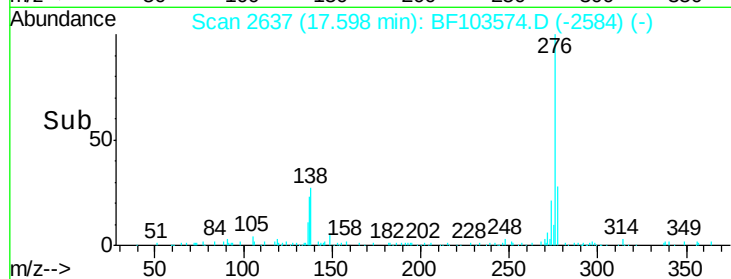
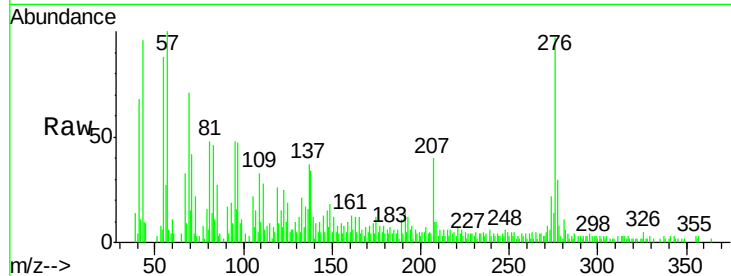
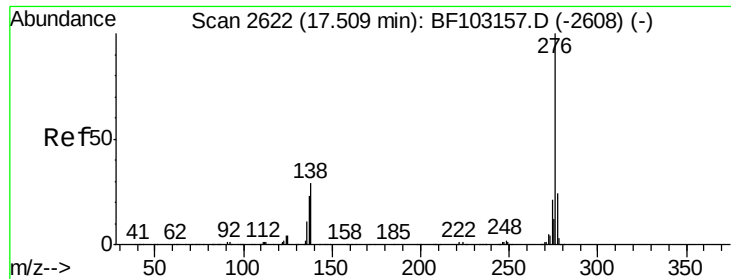
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 4.315 ng

RT: 17.60 min Scan# 2637

Delta R.T. 0.01 min

Lab File: BF103574.D

Acq: 12 Mar 2018 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

Tot Ion: 276 Resp: 40727

Ion Ratio Lower Upper

276 100

277 30.7 17.9 26.9#

138 34.8 21.8 32.8#

Manual Integrations

APPROVED

Sohil

3/13/2018 4:12:45 PM

