

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103505.D
 Acq On : 7 Mar 2018 17:07
 Operator : SJ/JU
 Sample : J1811-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Sohil
 3/8/2018 4:43:01 PM

Quant Time: Mar 07 17:49:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	167724	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	694343	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	269944	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	387448	20.00	ng	0.00
75) Chrysene-d12	14.06	240	245329	20.00	ng	0.00
86) Perylene-d12	15.56	264	208592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1148760	103.59	ng	0.00
7) Phenol-d6	6.50	99	1386827	102.20	ng	0.00
23) Nitrobenzene-d5	7.43	82	940768	77.38	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	187109	81.89	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1261650	79.20	ng	0.00
78) Terphenyl-d14	12.99	244	748405	73.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	93450	4.315	ng	Qvalue 100
70) Phenanthrene	11.43	178	371929	17.443	ng	98
71) Anthracene	11.48	178	108397	4.958	ng	99
74) Fluoranthene	12.62	202	428917	20.018	ng	99
77) Pyrene	12.85	202	405601	21.205	ng	100
80) Benzo(a)anthracene	14.04	228	199253	12.518	ng	98
82) Chrysene	14.08	228	169539	10.969	ng	98
87) Benzo(b)fluoranthene	15.12	252	197902m	14.430	ng	
88) Benzo(k)fluoranthene	15.14	252	59404m	4.600	ng	
89) Benzo(a)pyrene	15.50	252	133070	10.865	ng	# 94
91) Benzo(g,h,i)perylene	17.57	276	58018	6.273	ng	94

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

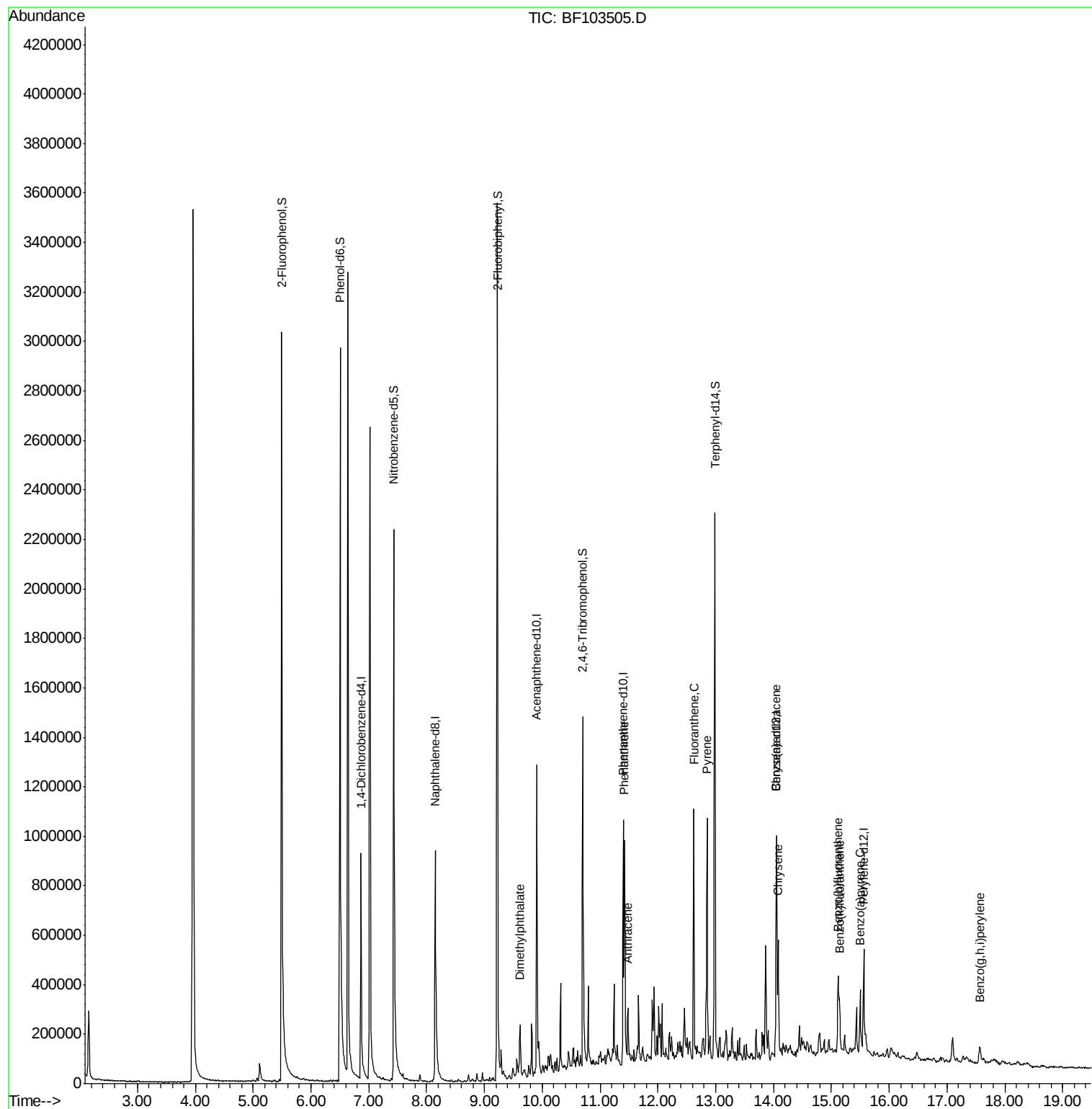
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103505.D
Acq On : 7 Mar 2018 17:07
Operator : SJ/JU
Sample : J1811-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Manual Integrations
APPROVED

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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Response via : Initial Calibration





#1

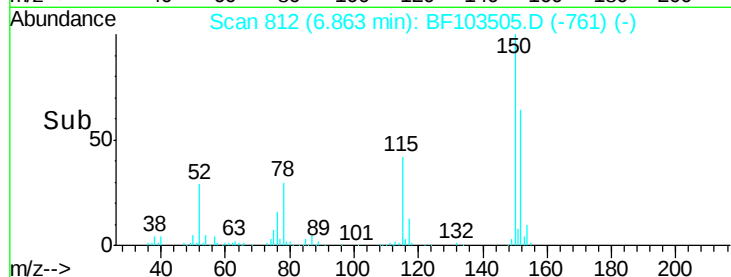
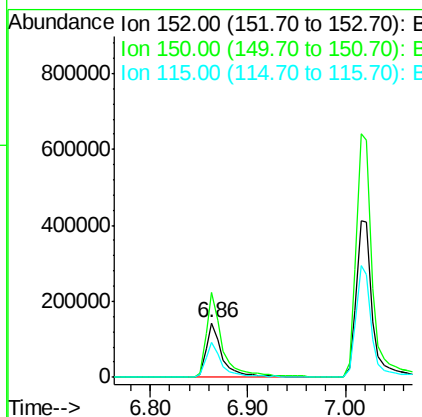
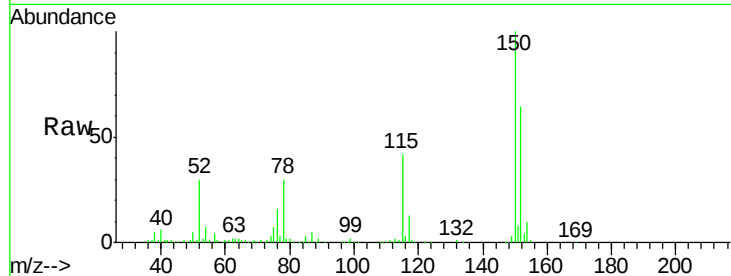
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Instrument :
BNA_F
ClientSampled :
COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	65.5	50.1	75.1

Manual Integrations
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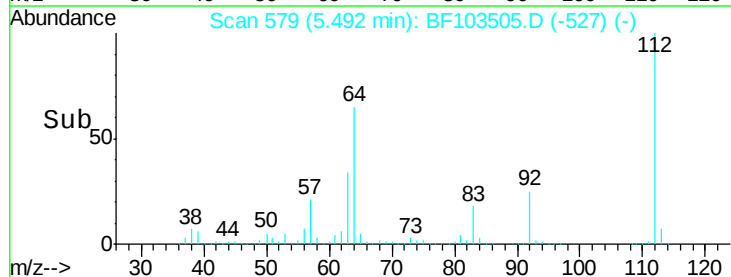
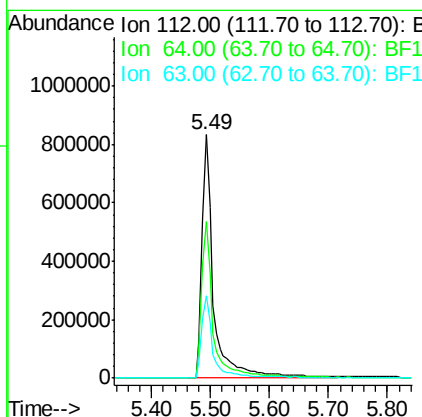
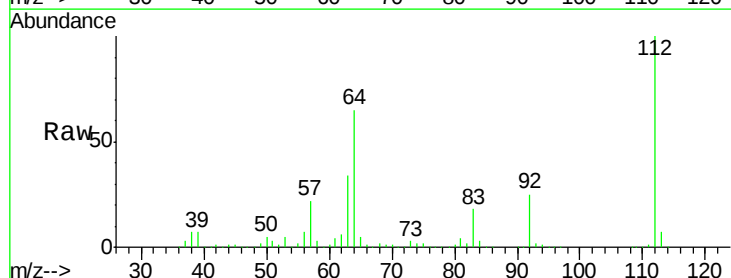
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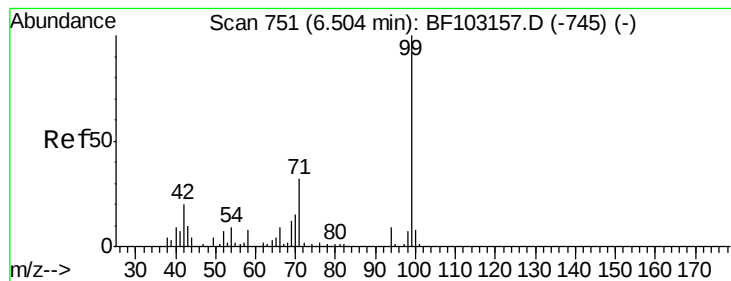


#5

2-Fluorophenol
Concen: 103.588 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.9	23.7	35.5





#7

Phenol-d6

Concen: 102.199 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103505.D

Acq: 7 Mar 2018 17:07

Instrument :

BNA_F

ClientSampled :

COMP-1

Tot Ion: 99 Resp: 1386827

Ion Ratio Lower Upper

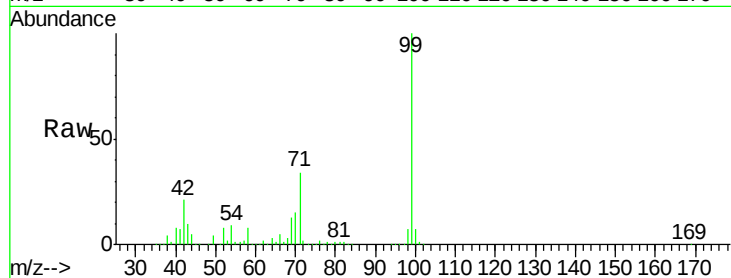
99 100

42 20.8 14.5 21.7

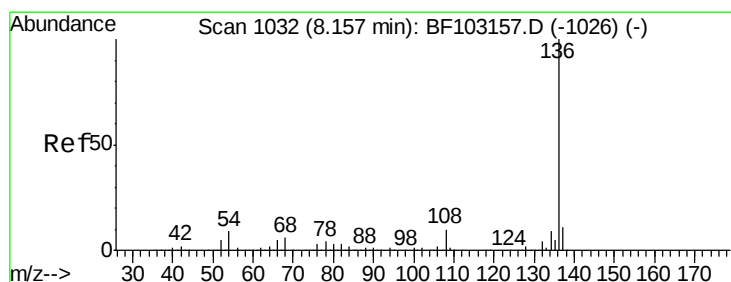
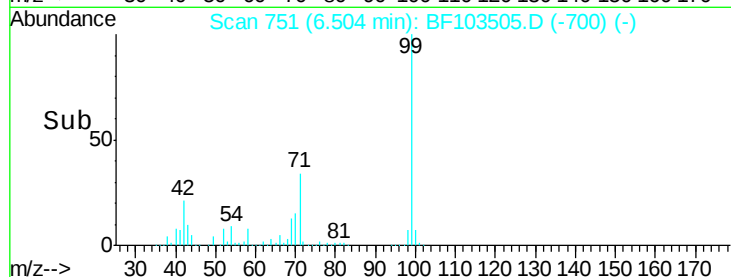
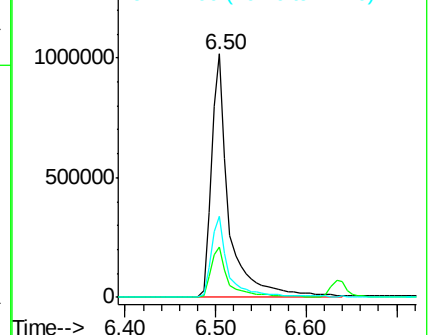
71 33.5 25.4 38.0

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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: BF103505.D

Acq: 7 Mar 2018 17:07

Tgt Ion: 136 Resp: 694343

Ion Ratio Lower Upper

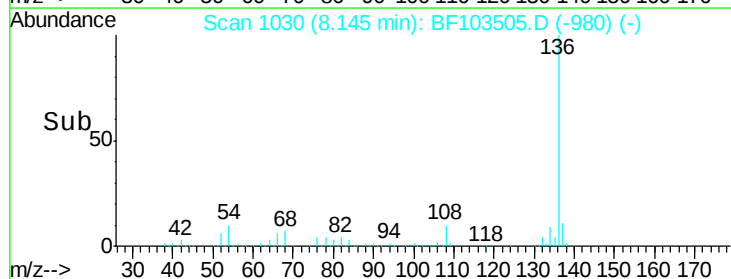
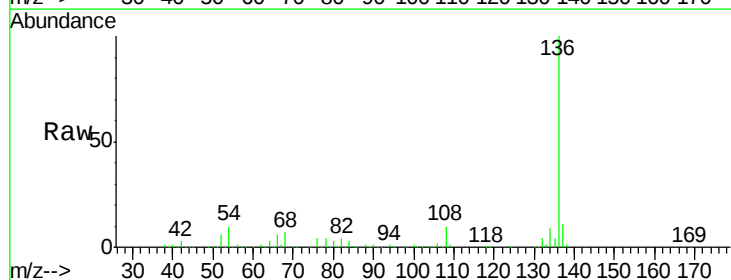
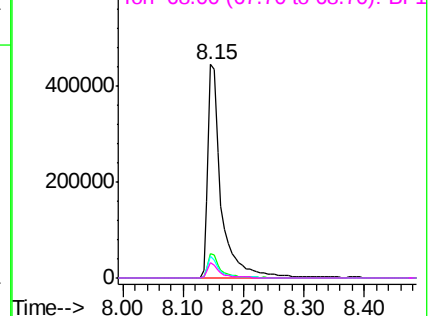
136 100

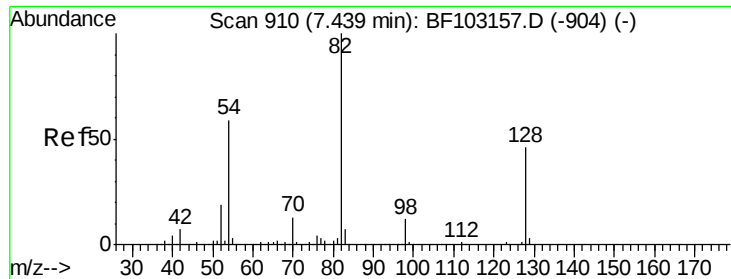
137 11.4 8.9 13.3

54 9.9 6.6 9.8#

68 7.0 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





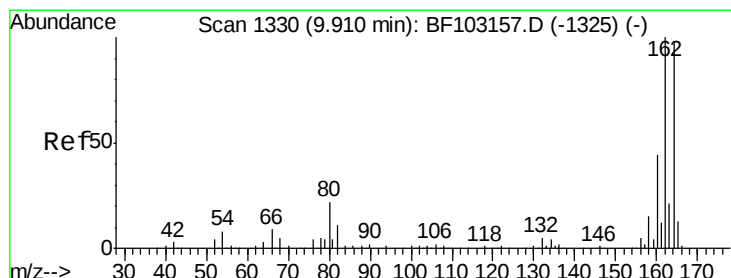
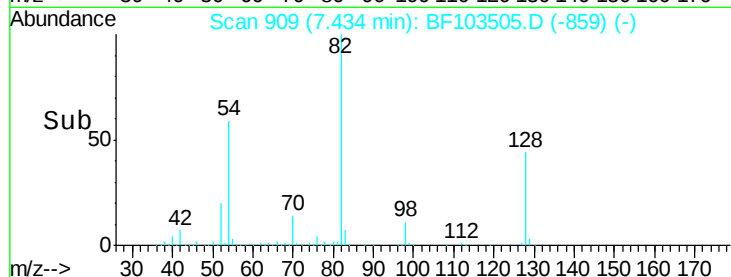
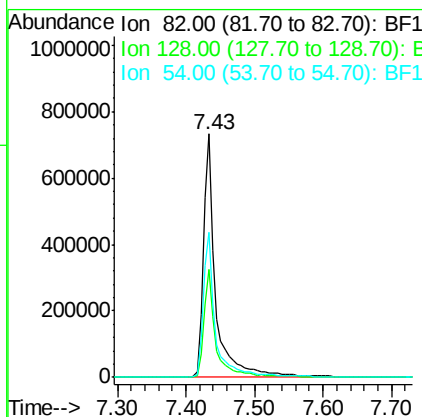
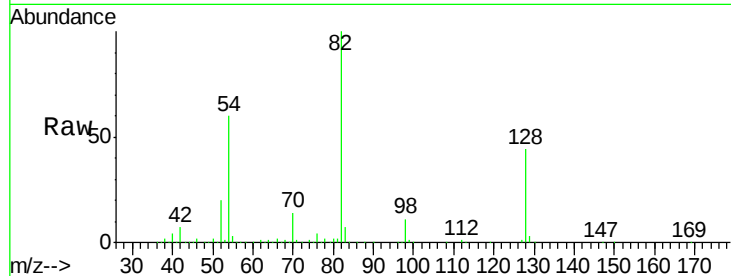
#23
 Nitrobenzene-d5
 Concen: 77.376 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103505.D
 Acq: 7 Mar 2018 17:07

Instrument :
 BNA_F
 ClientSampled :
 COMP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	59.6	41.4	62.2

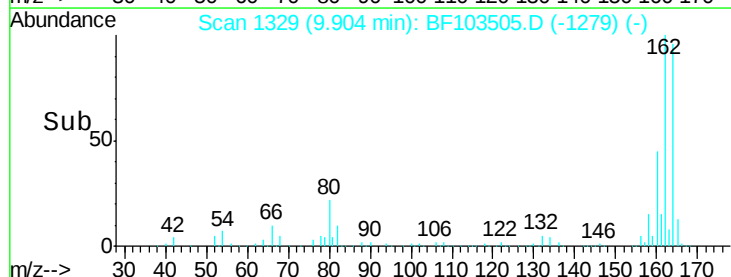
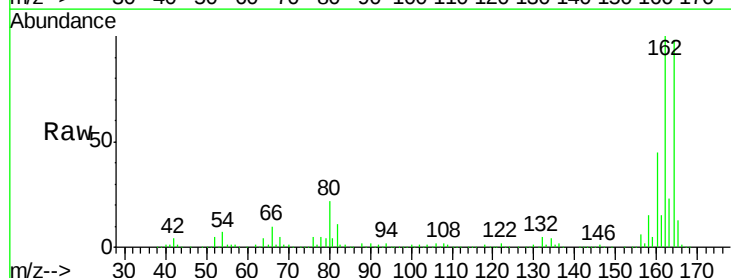
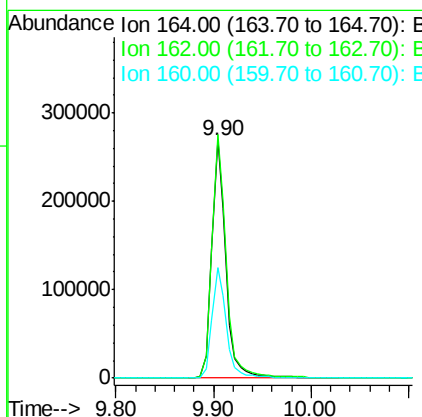
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103505.D
 Acq: 7 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.3	38.3	57.5





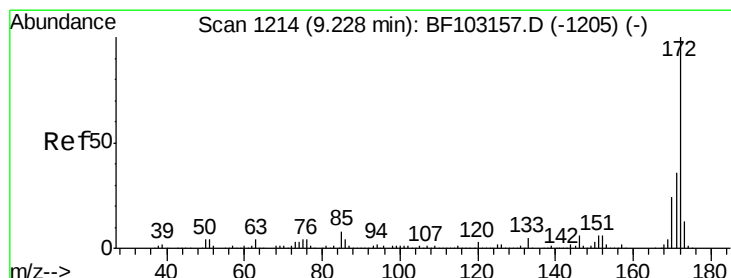
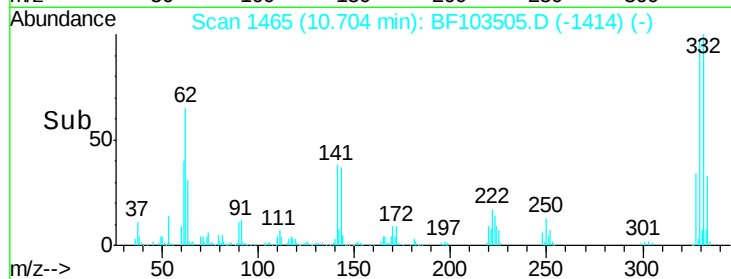
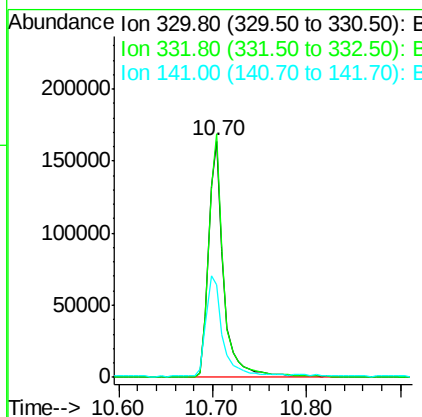
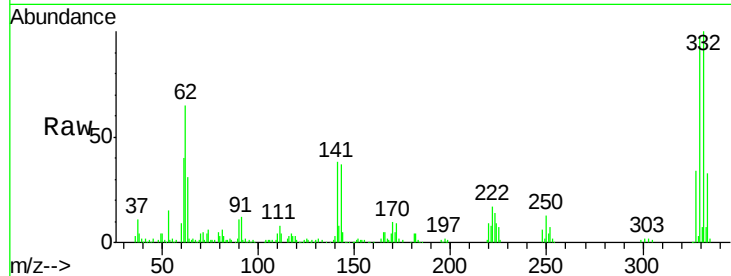
#41
 2,4,6-Tribromophenol
 Concen: 81.888 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103505.D
 Acq: 7 Mar 2018 17:07

Instrument :
 BNA_F
 ClientSampled :
 COMP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	46.9	29.9	44.9

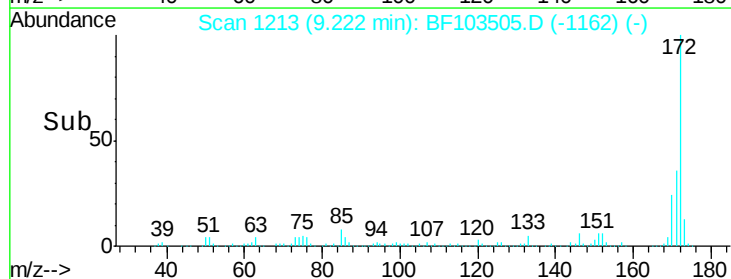
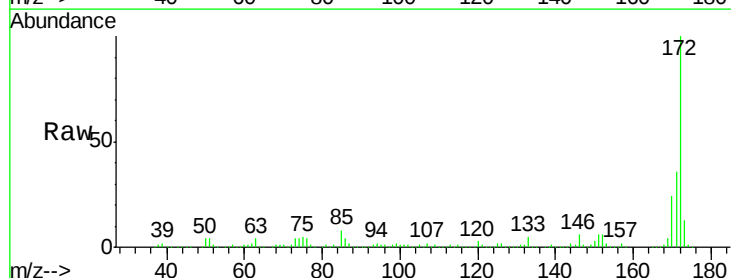
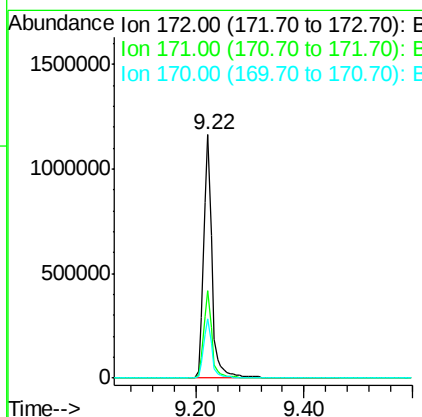
Manual Integrations
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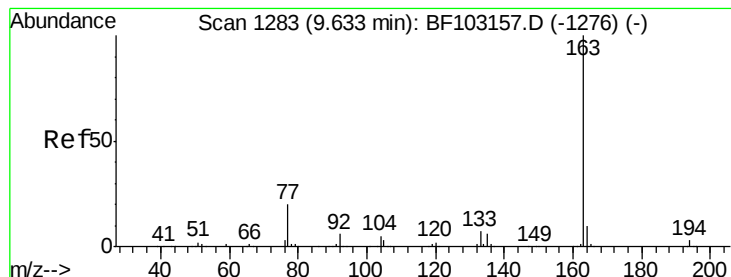
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 3/8/2018 4:43:01 PM



#44
 2-Fluorobiphenyl
 Concen: 79.205 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103505.D
 Acq: 7 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4





#49

Dimethylphthalate

Concen: 4.315 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103505.D

Acq: 7 Mar 2018 17:07

Instrument :

BNA_F

ClientSampled :

COMP-1

Tot Ion:163 Resp: 93450

Ion Ratio Lower Upper

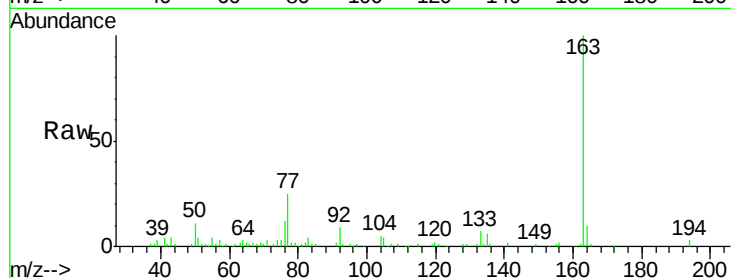
163 100

194 3.3 2.7 4.1

164 10.2 8.2 12.2

Manual Integrations
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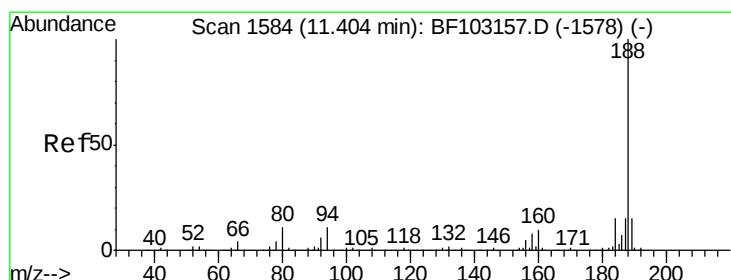
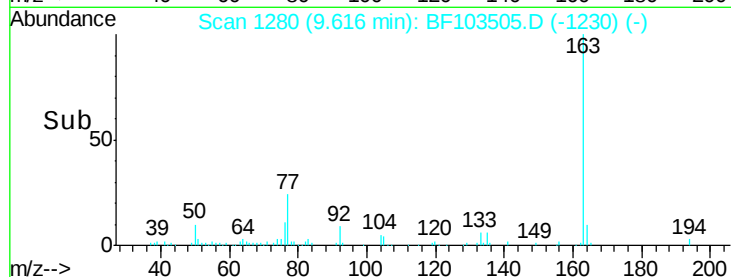
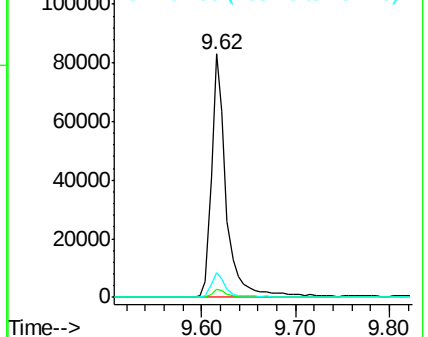
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Abundance Ion 163.00 (162.70 to 163.70): E

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: BF103505.D

Acq: 7 Mar 2018 17:07

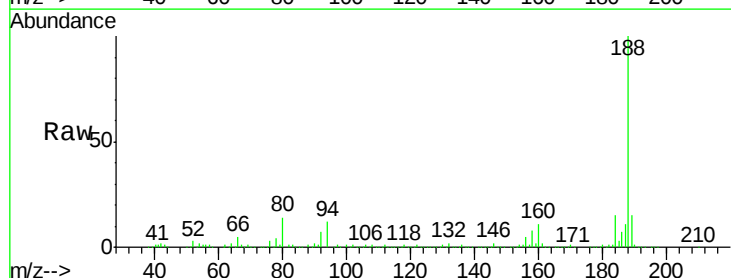
Tgt Ion:188 Resp: 387448

Ion Ratio Lower Upper

188 100

94 12.2 8.5 12.7

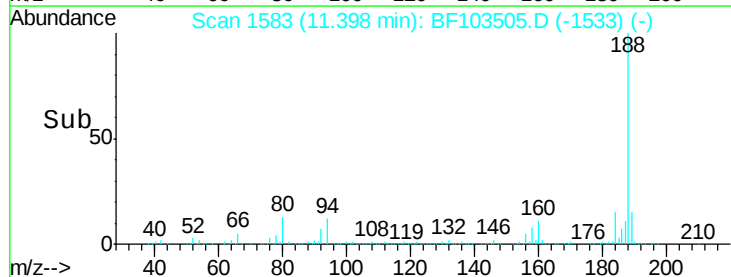
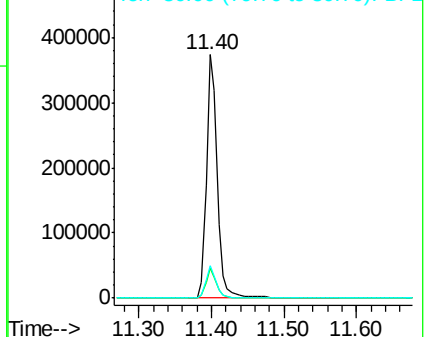
80 13.6 9.2 13.8

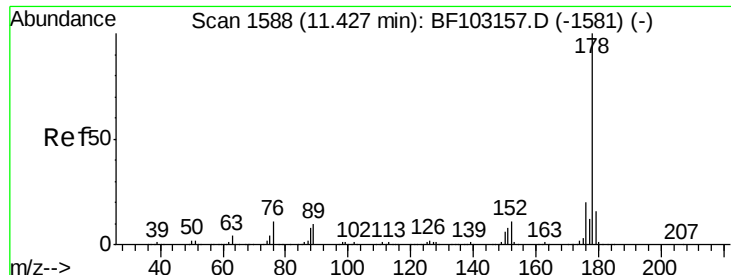


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





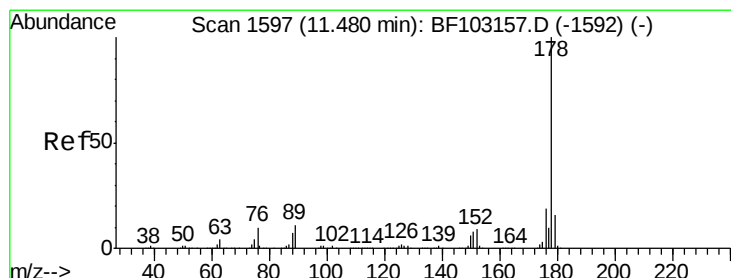
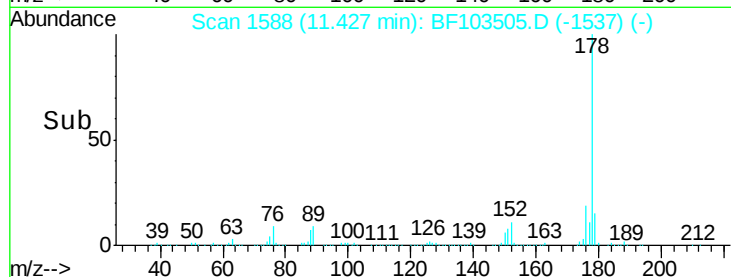
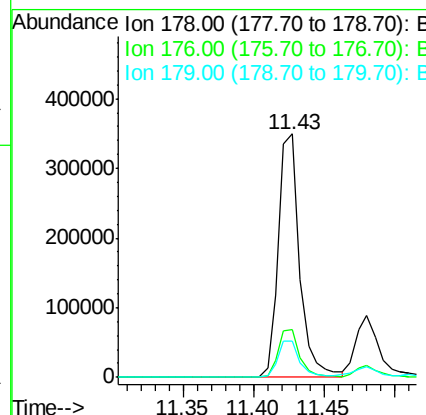
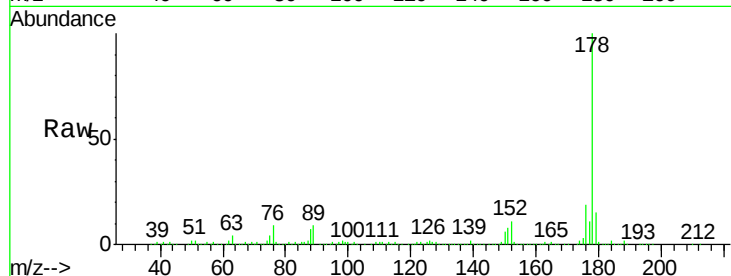
#70
Phenanthrene
Concen: 17.443 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.9	13.0	19.6

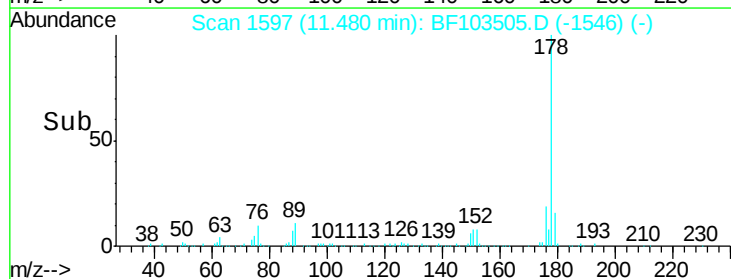
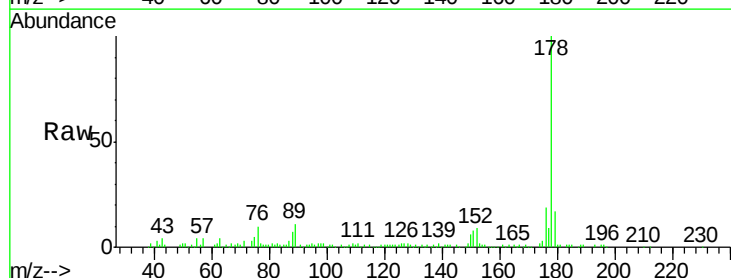
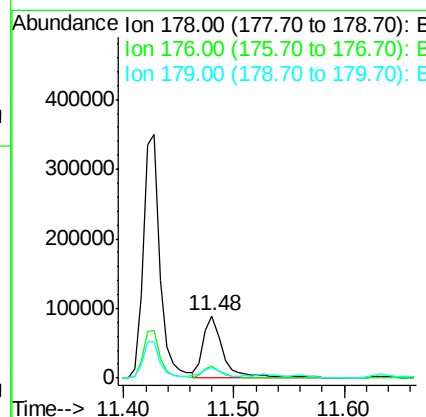
Manual Integrations
APPROVED

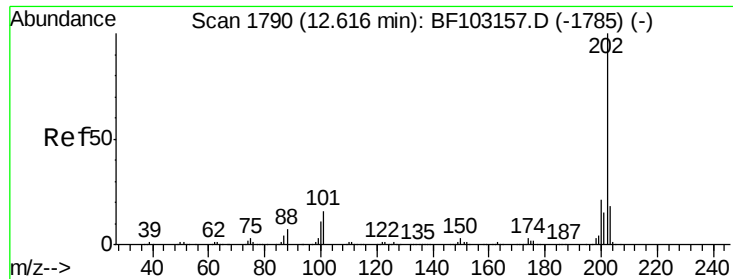
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#71
Anthracene
Concen: 4.958 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.7	12.6	19.0





#74

Fluoranthene

Concen: 20.018 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103505.D

Acq: 7 Mar 2018 17:07

Instrument :

BNA_F

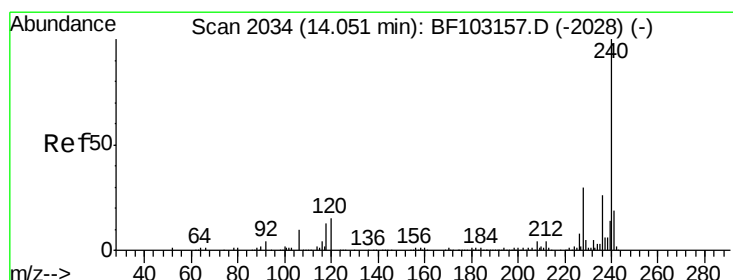
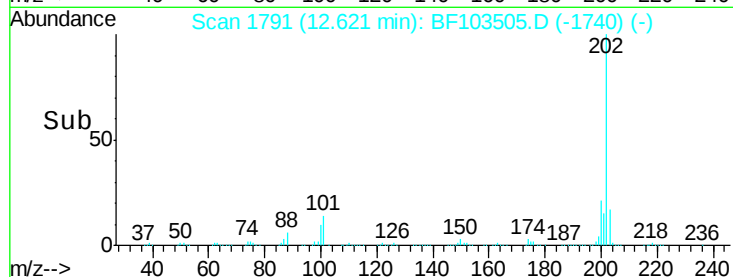
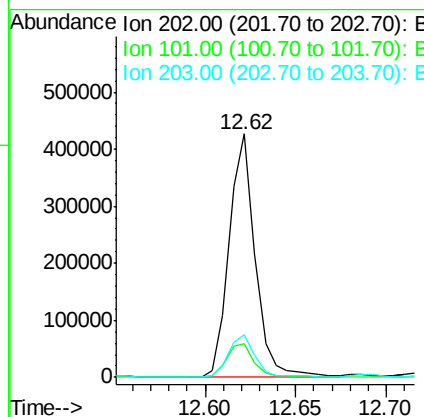
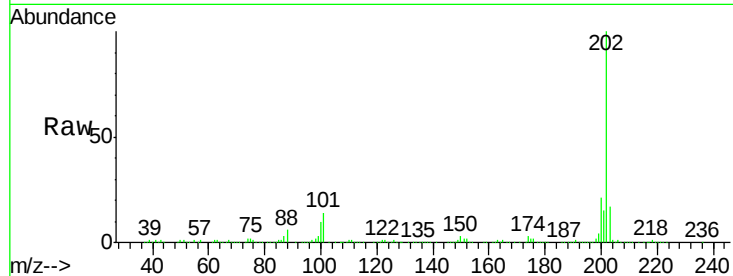
ClientSampled :

COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	428917		
101	13.9	0.0	34.1	
203	17.4	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

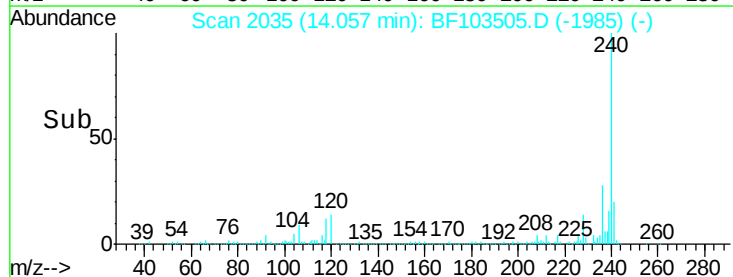
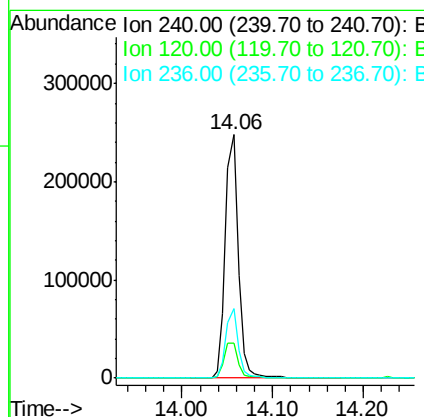
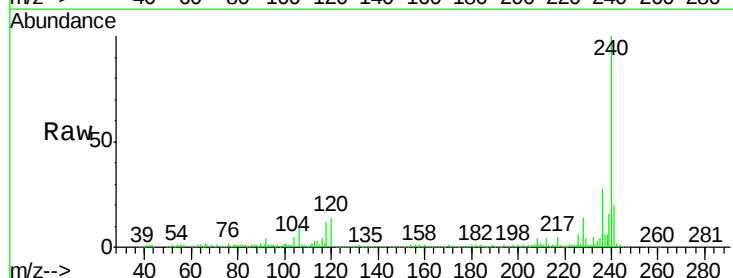
RT: 14.06 min Scan# 2035

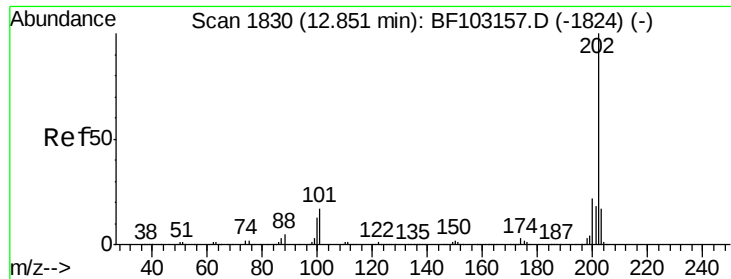
Delta R.T. -0.01 min

Lab File: BF103505.D

Acq: 7 Mar 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	245329		
120	14.5	9.5	14.3#	
236	28.3	20.7	31.1	





#77

Pvrene

Concen: 21.205 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103505.D

Acq: 7 Mar 2018 17:07

Instrument :

BNA_F

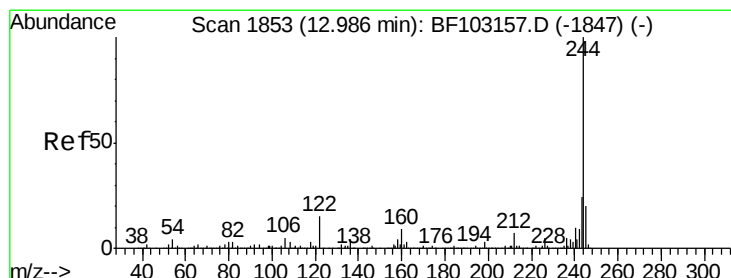
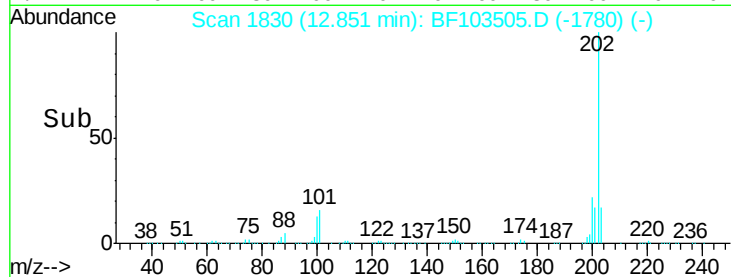
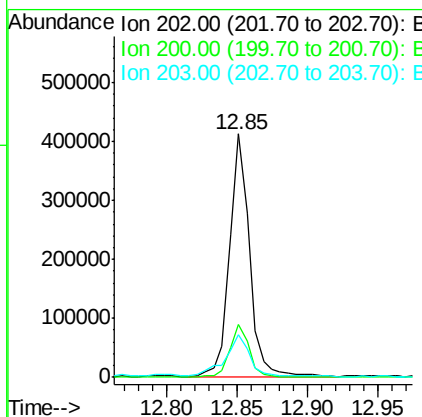
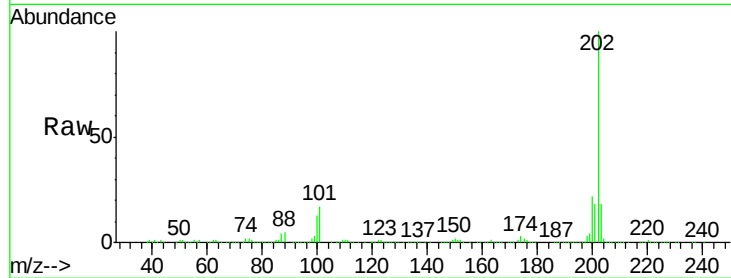
ClientSampled :

COMP-1

Tot Ion:	202	Resp:	405601
Ion Ratio		Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 73.333 ng

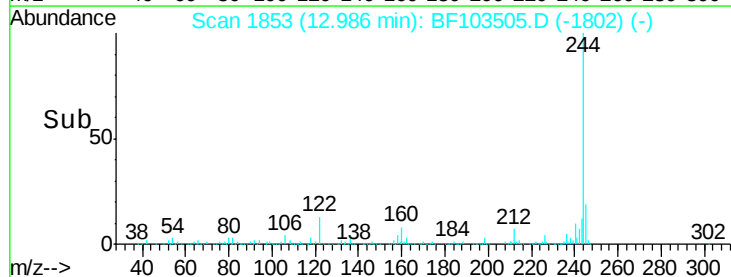
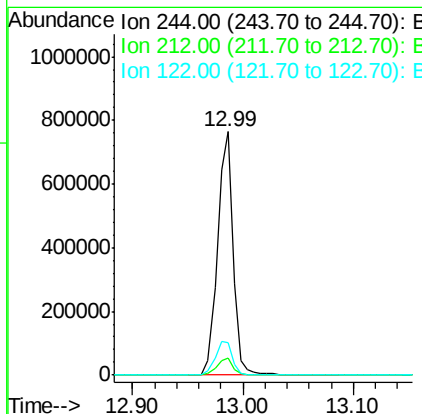
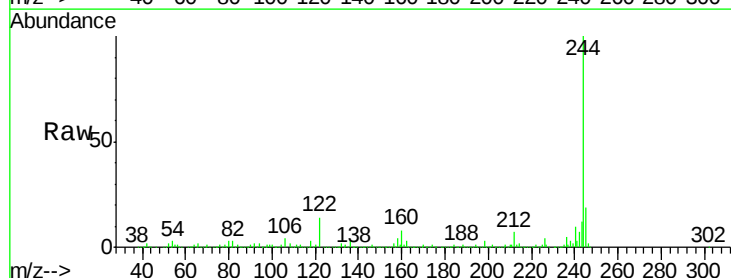
RT: 12.99 min Scan# 1853

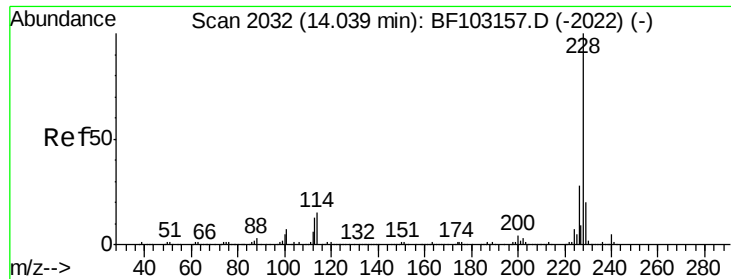
Delta R.T. 0.00 min

Lab File: BF103505.D

Acq: 7 Mar 2018 17:07

Tgt Ion:	244	Resp:	748405
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4





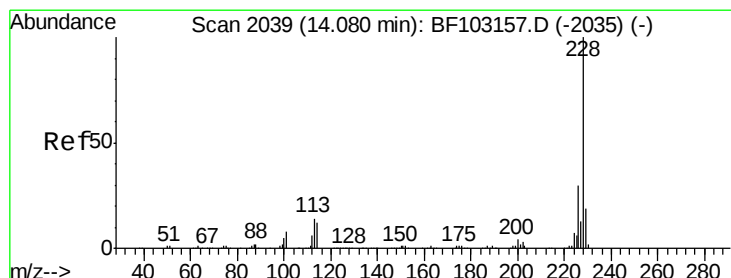
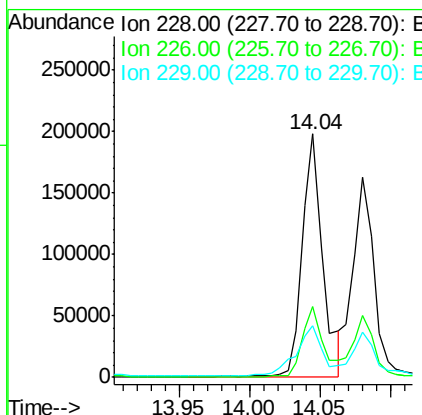
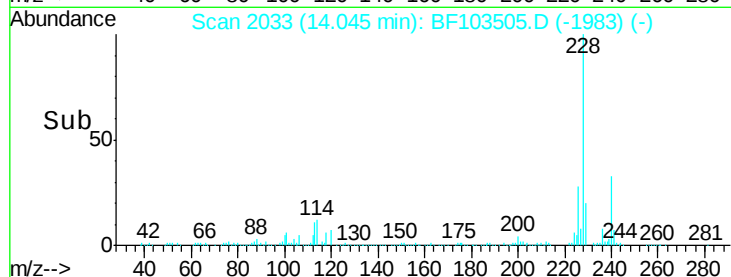
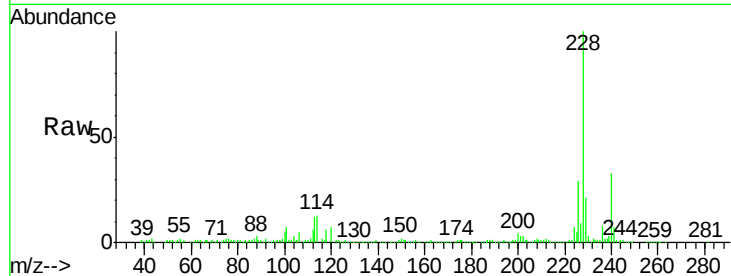
#80
Benzo(a)anthracene
Concen: 12.518 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Instrument :
BNA_F
ClientSampled :
COMP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.4	15.8	23.6

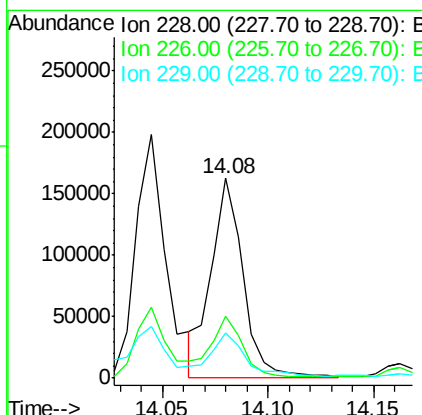
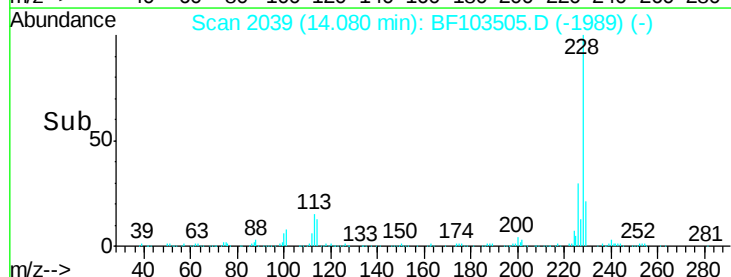
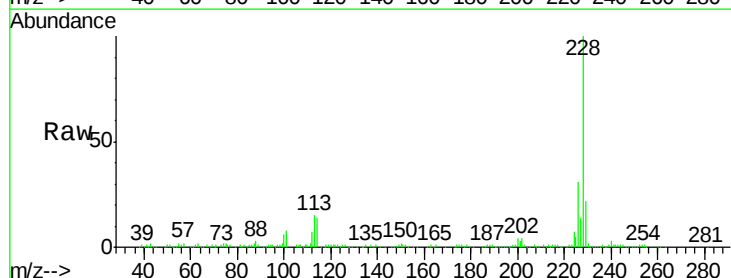
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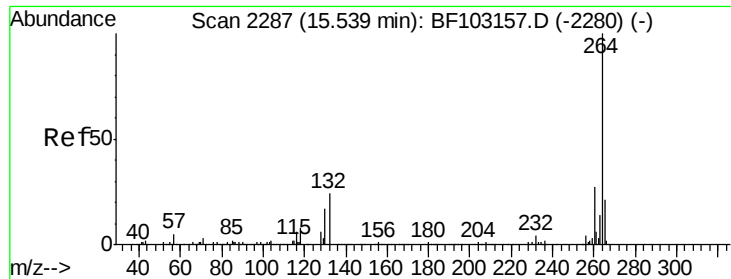
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#82
Chrysene
Concen: 10.969 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.3	16.2	24.4





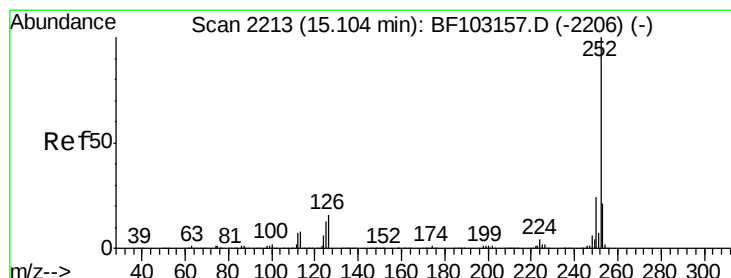
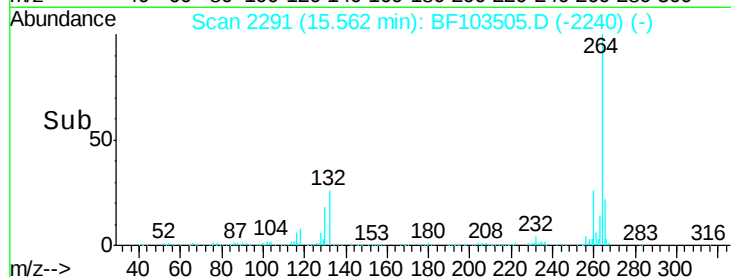
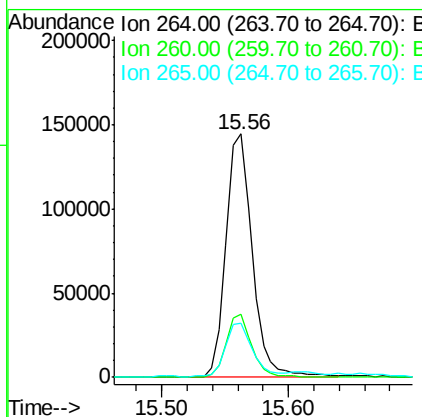
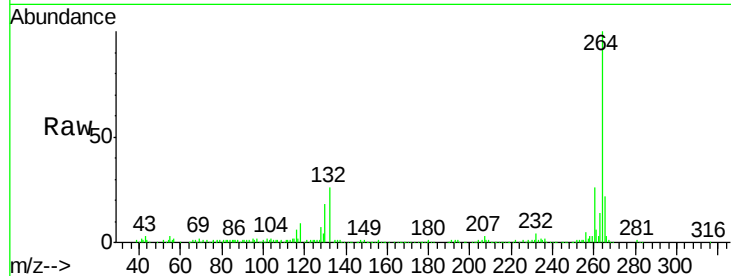
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.2	28.8
265	22.1	17.5	26.3

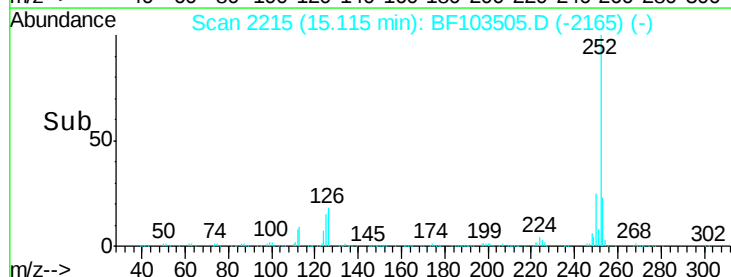
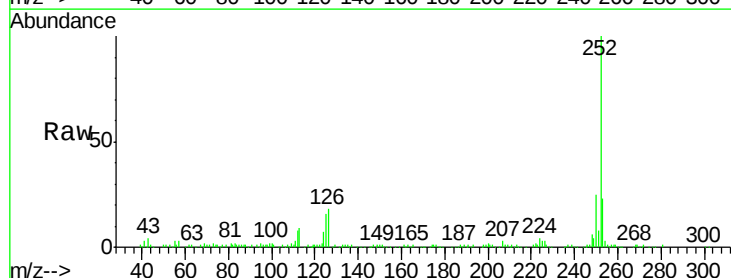
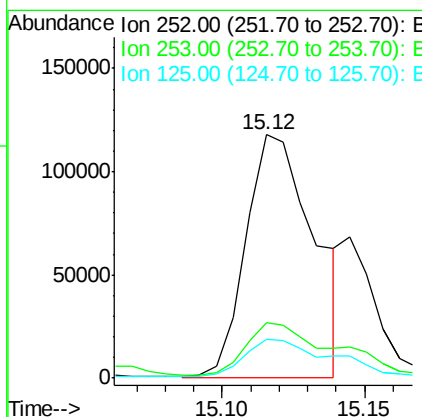
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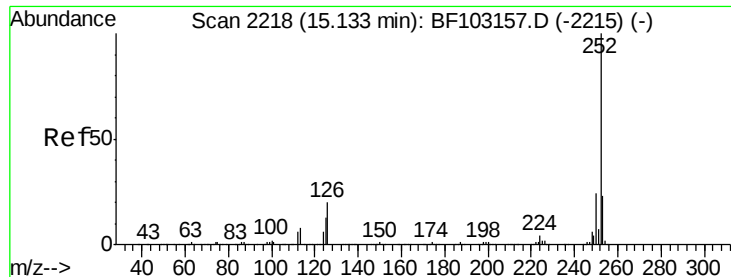
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#87
Benzo(b)fluoranthene
Concen: 14.430 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	16.1	9.0	13.6#





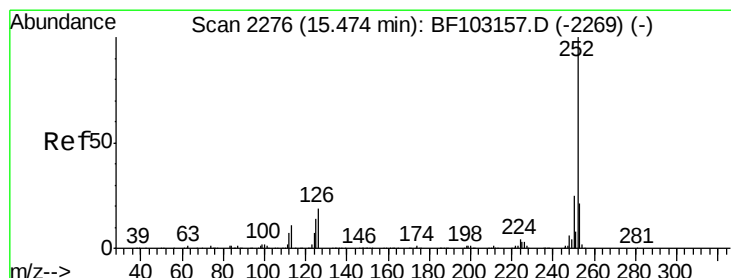
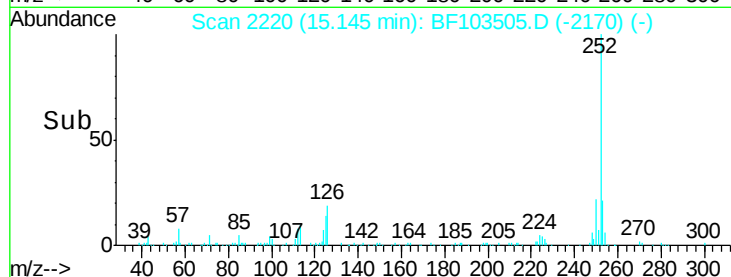
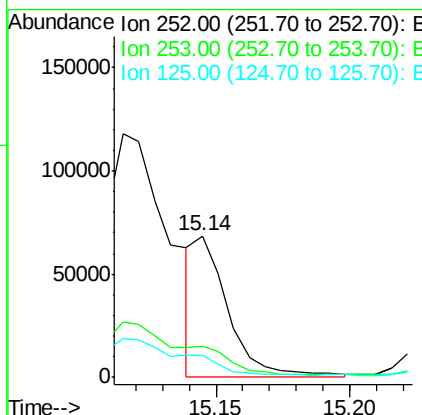
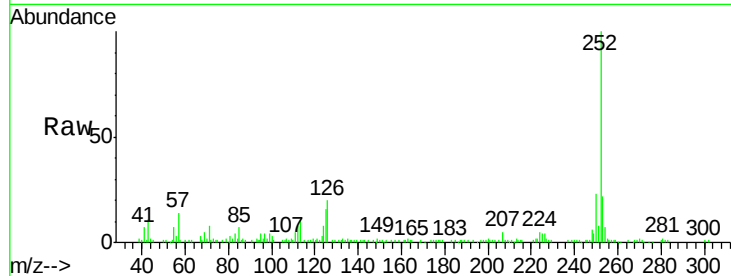
#88
Benzo(k)fluoranthene
Concen: 4.600 ng m
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	15.5	10.2	15.2#

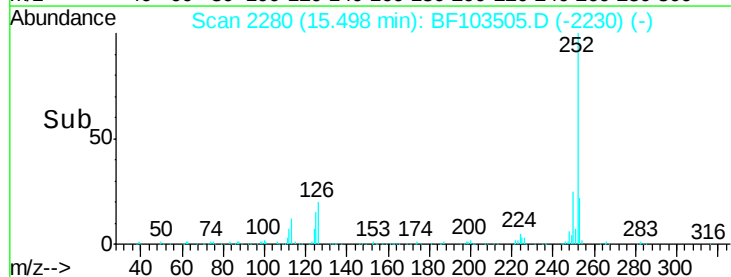
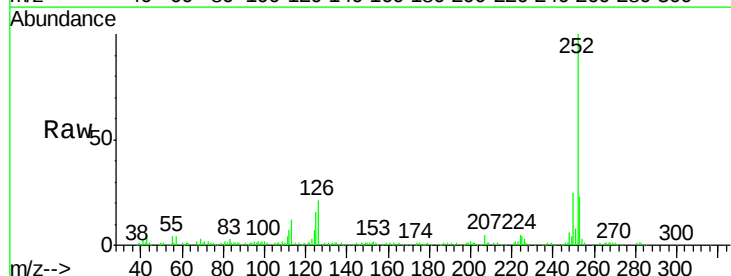
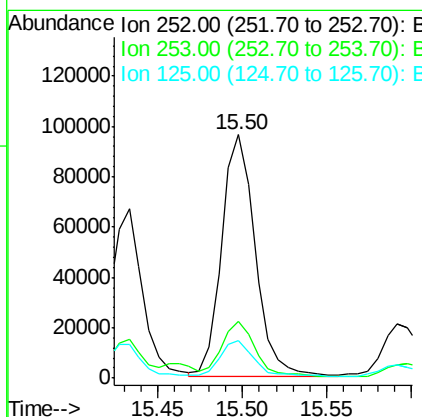
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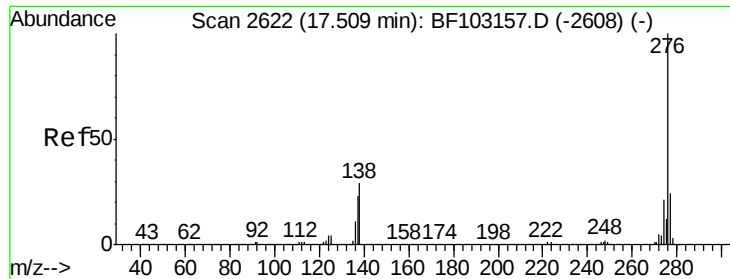
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#89
Benzo(a)pyrene
Concen: 10.865 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF103505.D
Acq: 7 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	15.5	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 6.273 ng
 RT: 17.57 min Scan# 2632
 Delta R.T. -0.01 min
 Lab File: BF103505.D
 Acq: 7 Mar 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	31.2	21.8	32.8

Manual Integrations
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