

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103462.D
 Acq On : 6 Mar 2018 18:23
 Operator : SJ/JU
 Sample : J1792-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Manual Integrations
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Sohil
 3/7/2018 12:17:04 PM

Quant Time: Mar 07 00:36:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	147146	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	648540	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	269082	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	438612	20.00	ng	0.00
75) Chrysene-d12	14.06	240	266816	20.00	ng	0.00
86) Perylene-d12	15.57	264	243255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	967340	99.43	ng	0.00
7) Phenol-d6	6.51	99	1186571	99.67	ng	0.00
23) Nitrobenzene-d5	7.44	82	782240	68.88	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	177290	77.84	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1030797	61.74	ng	0.00
78) Terphenyl-d14	12.99	244	712714	64.21	ng	0.00
Target Compounds						
70) Phenanthrene	11.43	178	52828	2.189	ng	98
73) Di-n-butylphthalate	11.95	149	333383	10.809	ng	98
74) Fluoranthene	12.63	202	102960	4.245	ng	98
77) Pyrene	12.86	202	89020	4.279	ng	99
80) Benzo(a)anthracene	14.05	228	37954	2.192	ng	97
82) Chrysene	14.09	228	38514	2.291	ng	99
87) Benzo(b)fluoranthene	15.13	252	44640m	2.791	ng	
89) Benzo(a)pyrene	15.51	252	31956	2.237	ng	# 87

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

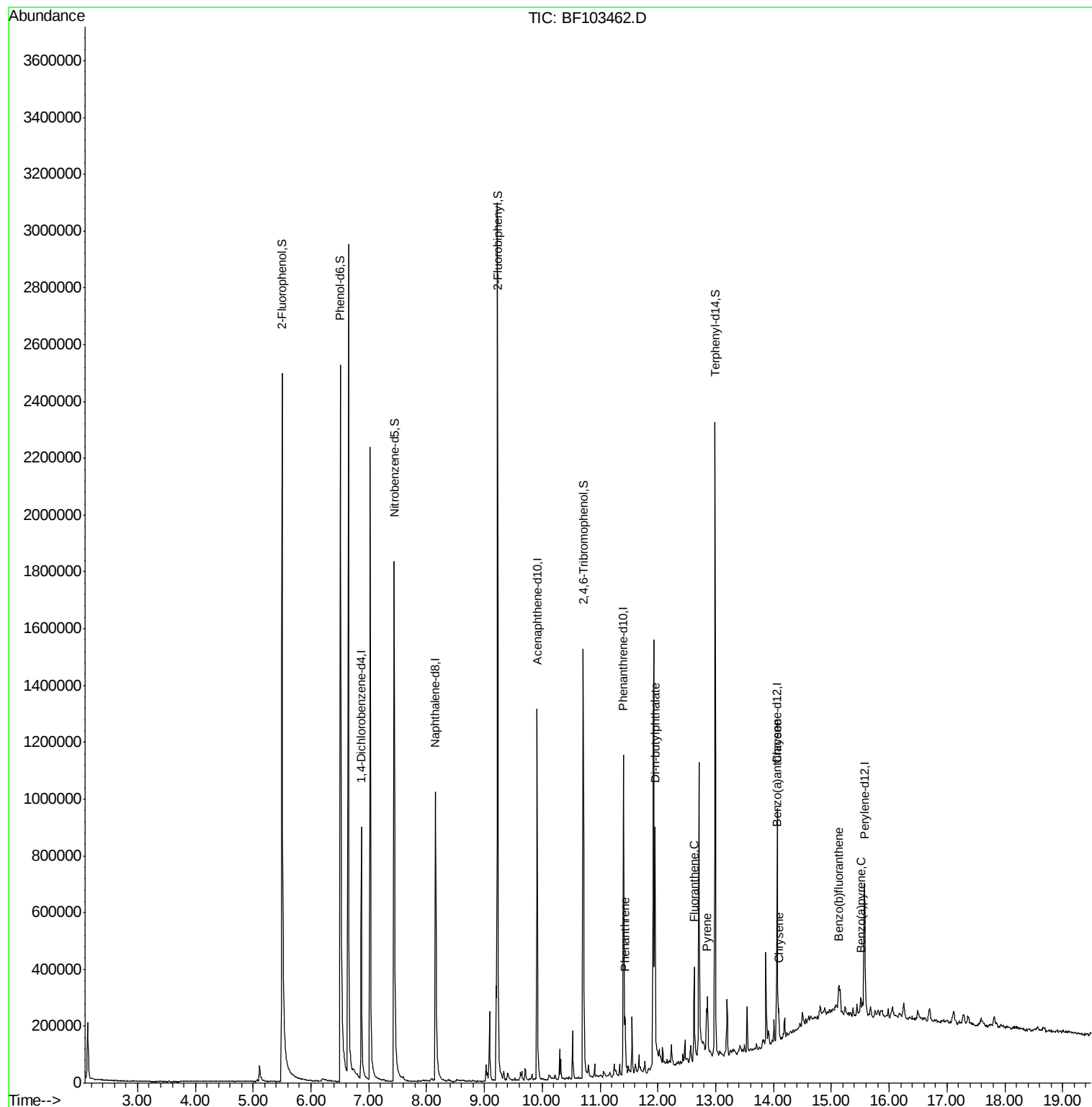
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103462.D
Acq On : 6 Mar 2018 18:23
Operator : SJ/JU
Sample : J1792-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13

Manual Integrations
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Quant Time: Mar 07 00:36:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration





#1

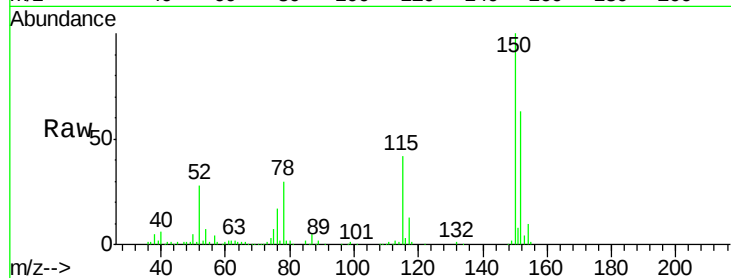
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103462.D
Acq: 6 Mar 2018 18:23

Instrument :
BNA_F
ClientSampled :
TP-13

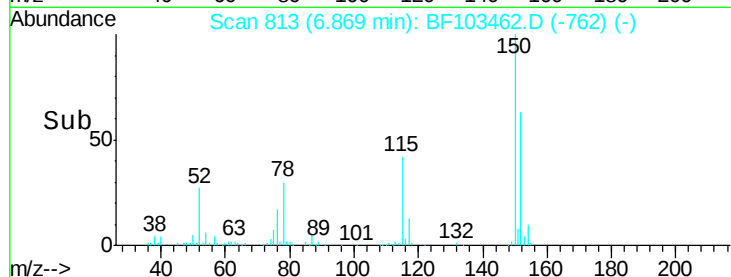
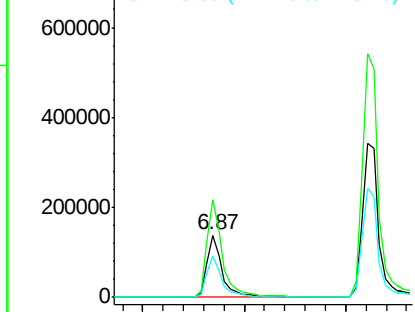
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	66.3	50.1	75.1

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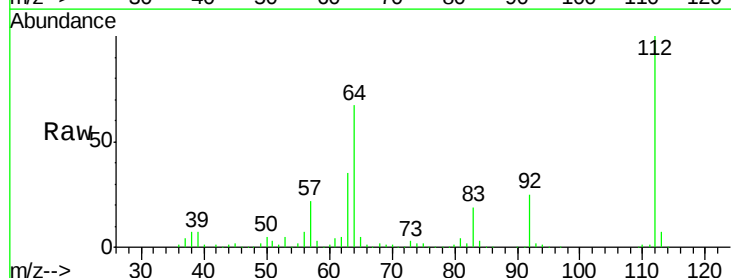
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



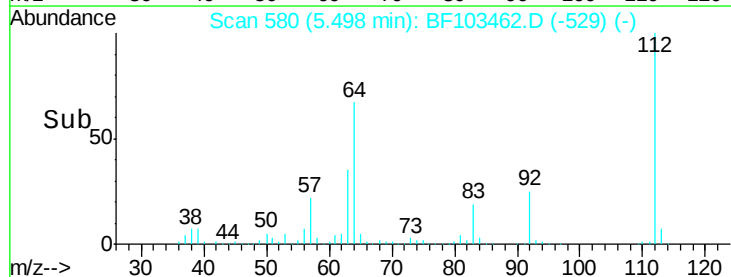
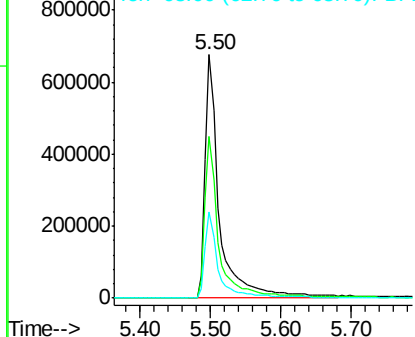
#5

2-Fluorophenol
Concen: 99.427 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103462.D
Acq: 6 Mar 2018 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	35.2	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: 99.670 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103462.D

Acq: 6 Mar 2018 18:23

Instrument :

BNA_F

ClientSampled :

TP-13

Tot Ion: 99 Resp: 1186571

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

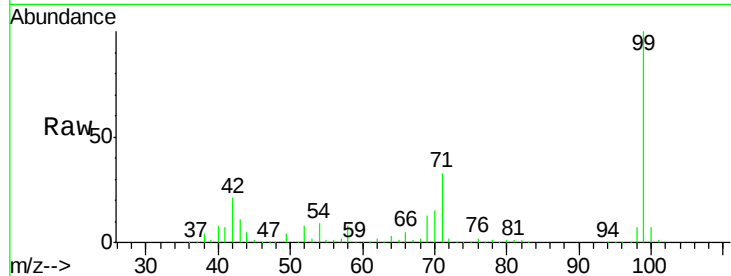
71 33.1 25.4 38.0

Manual Integrations

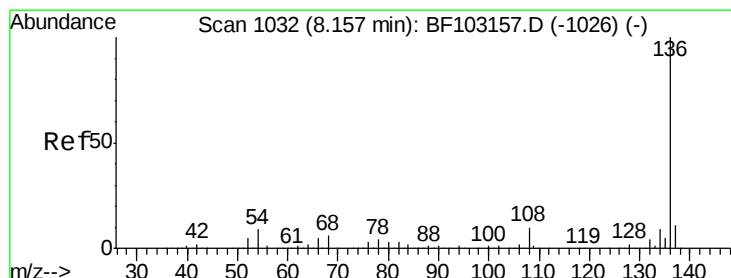
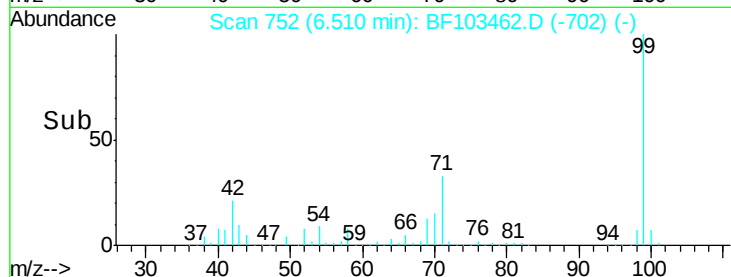
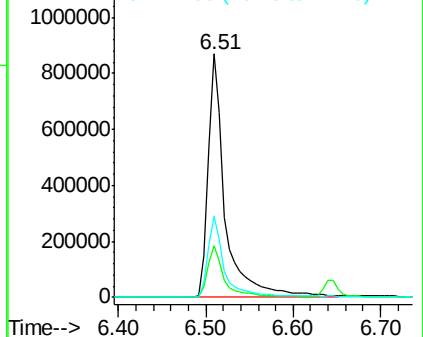
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103462.D

Acq: 6 Mar 2018 18:23

Tgt Ion: 136 Resp: 648540

Ion Ratio Lower Upper

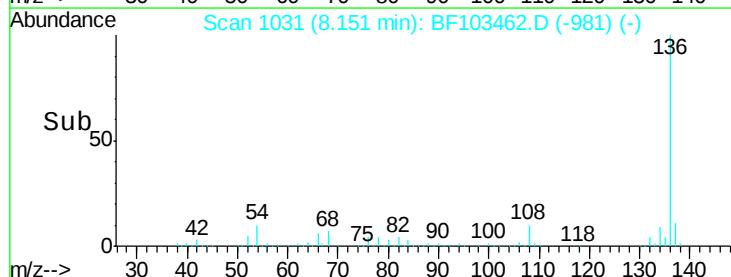
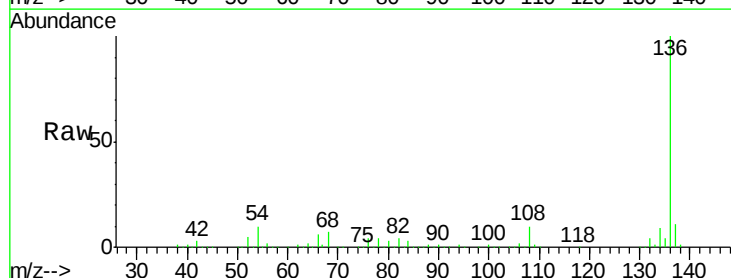
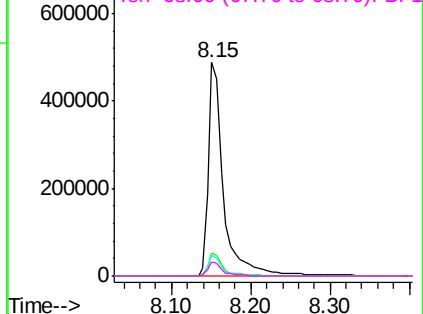
136 100

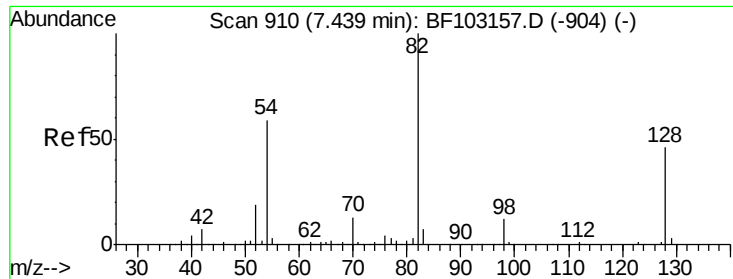
137 11.0 8.9 13.3

54 9.8 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





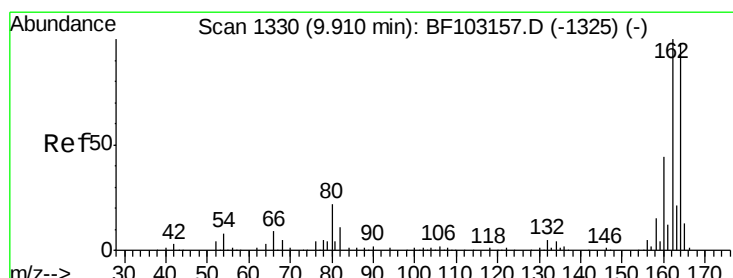
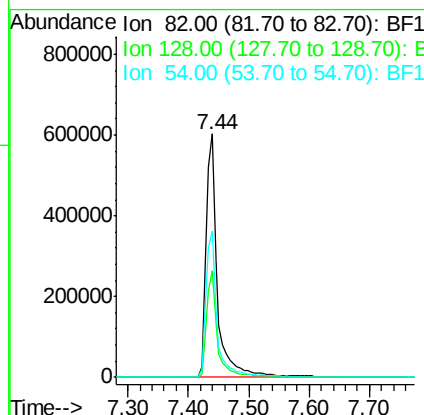
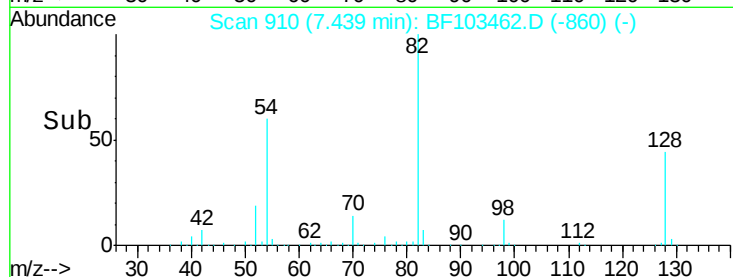
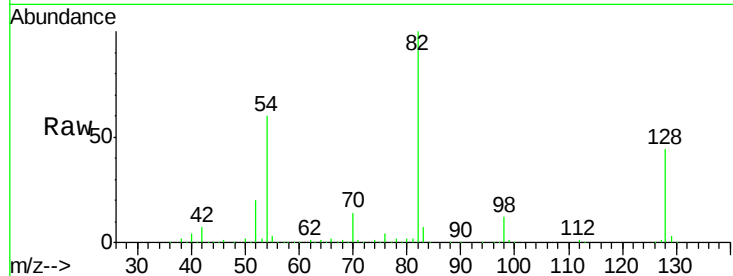
#23
 Nitrobenzene-d5
 Concen: 68.882 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103462.D
 Acq: 6 Mar 2018 18:23

Instrument :
 BNA_F
 ClientSampled :
 TP-13

Tot Ion	Ratio	Resp	Lower	Upper
82	100	782240		
128	44.0		36.1	54.1
54	60.0		41.4	62.2

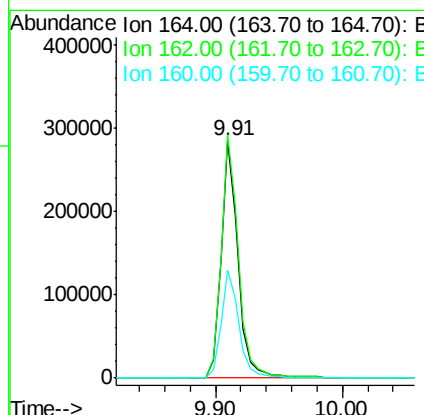
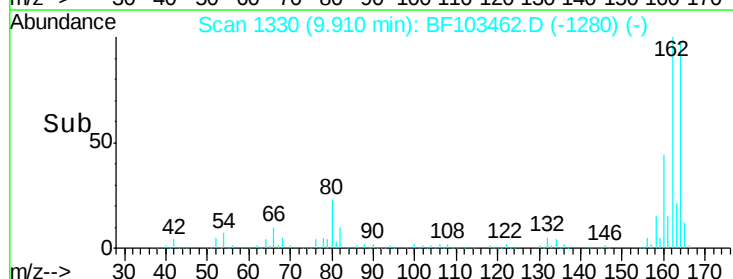
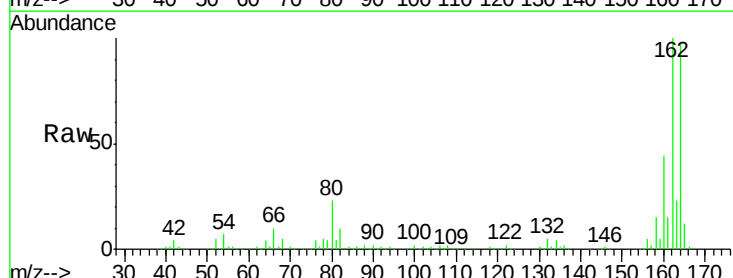
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103462.D
 Acq: 6 Mar 2018 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	269082		
162	102.6		86.1	129.1
160	45.3		38.3	57.5





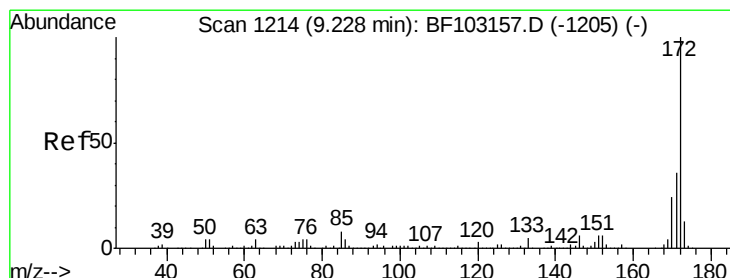
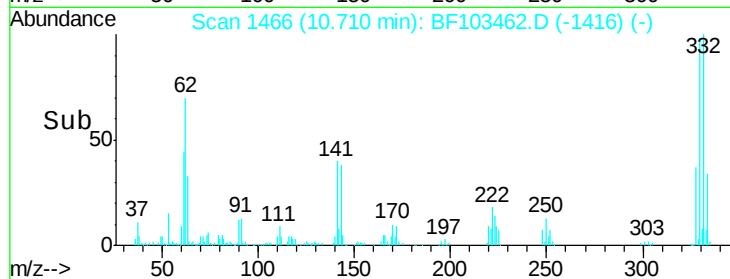
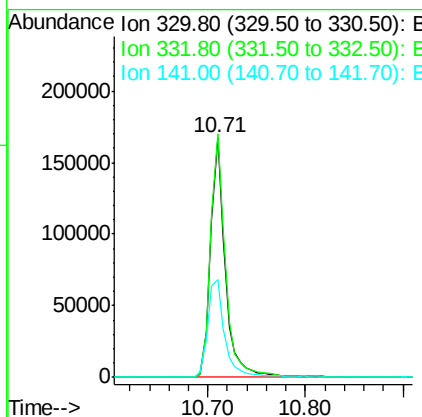
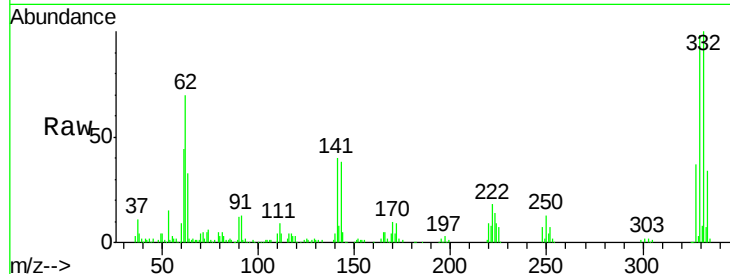
#41
 2,4,6-Tribromophenol
 Concen: 77.840 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103462.D
 Acq: 6 Mar 2018 18:23

Instrument :
 BNA_F
 ClientSampled :
 TP-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	46.9	29.9	44.9

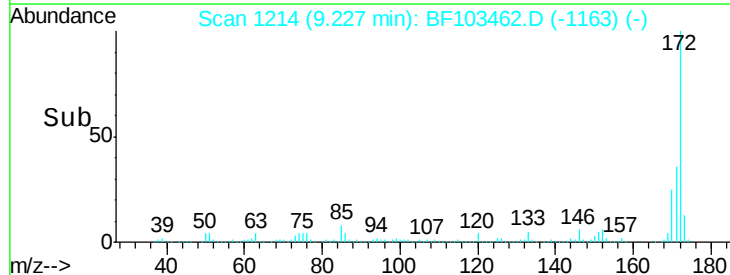
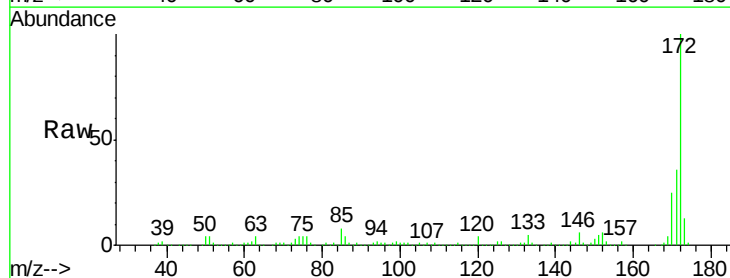
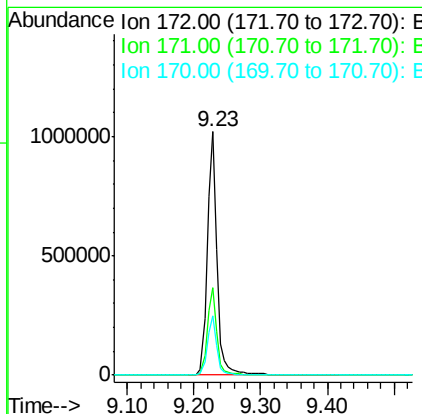
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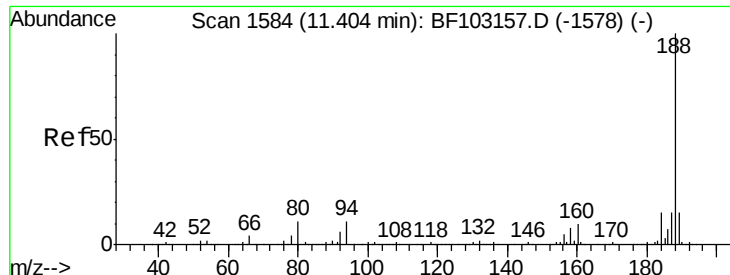
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#44
 2-Fluorobiphenyl
 Concen: 61.737 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103462.D
 Acq: 6 Mar 2018 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4





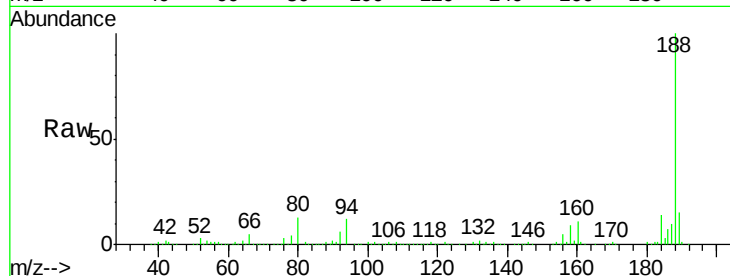
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103462.D
 Acq: 6 Mar 2018 18:23

Instrument :
 BNA_F
 ClientSampled :
 TP-13

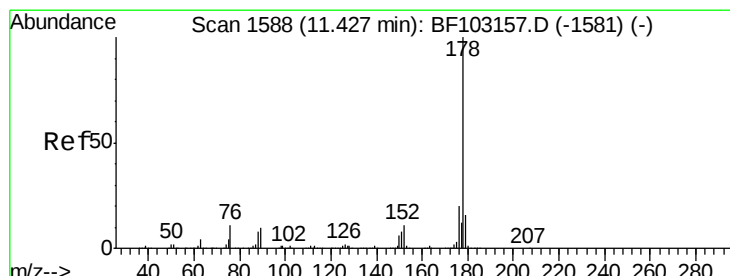
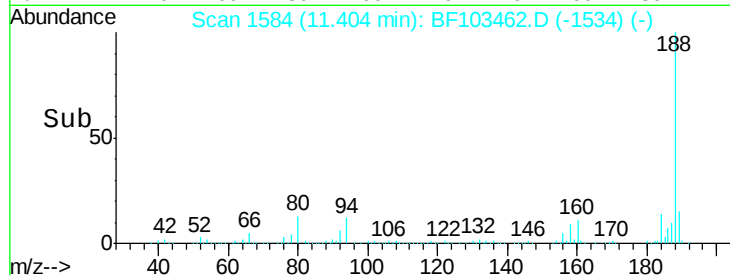
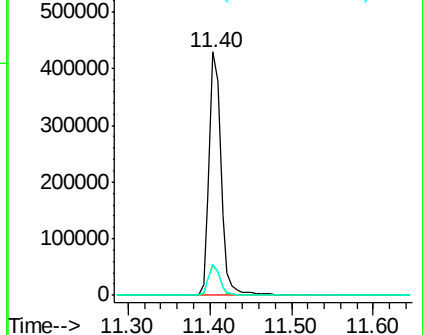
Tot Ion:	188	Resp:	438612
Ion Ratio	Lower	Upper	
188	100		
94	12.5	8.5	12.7
80	12.8	9.2	13.8

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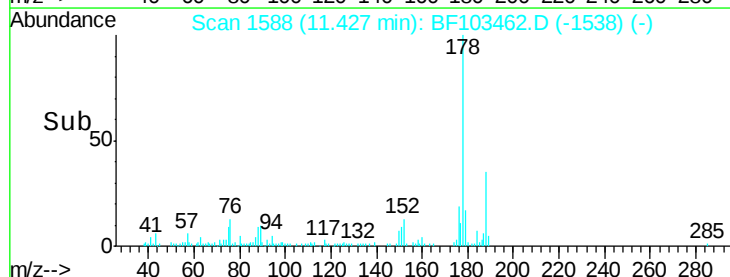
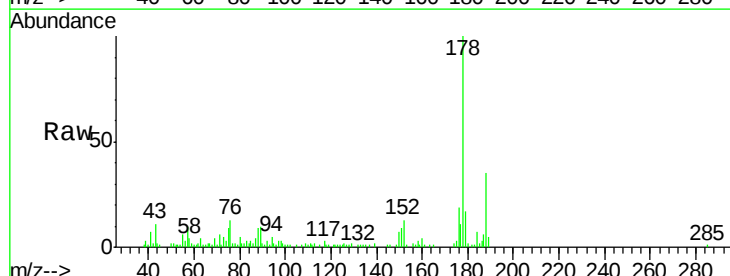
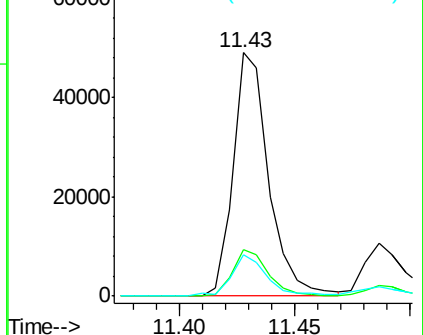
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

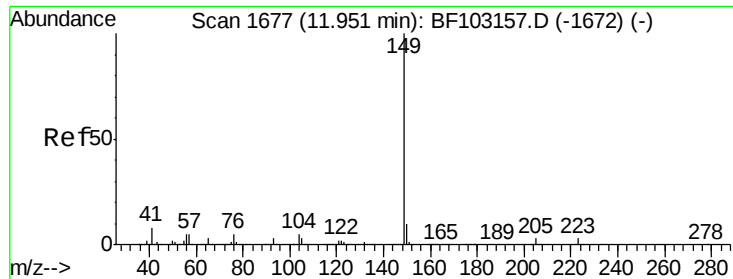


#70
 Phenanthrene
 Concen: 2.189 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF103462.D
 Acq: 6 Mar 2018 18:23

Tgt Ion:	178	Resp:	52828
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	16.9	13.0	19.6

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





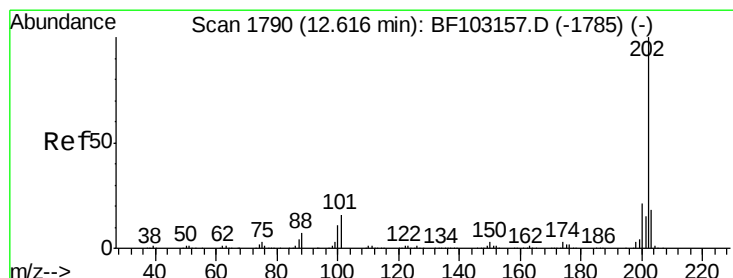
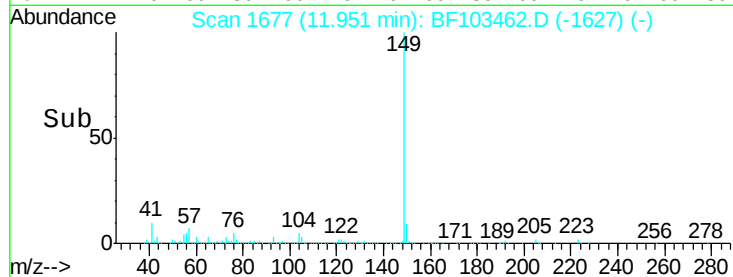
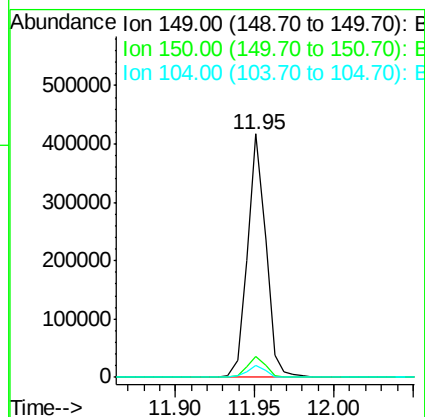
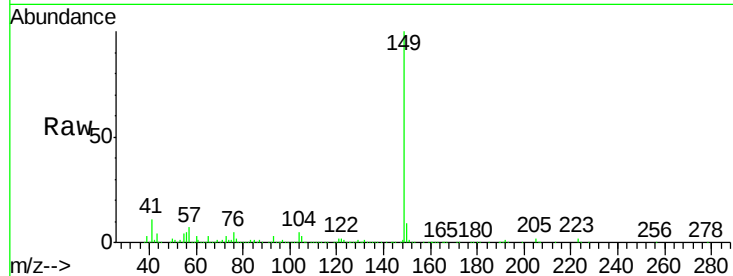
#73
Di-n-butylphthalate
Concen: 10.809 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF103462.D
Acq: 6 Mar 2018 18:23

Instrument :
BNA_F
Client Sampled :
TP-13

Tot Ion:	149	Resp:	333383
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	4.9	3.8	5.8

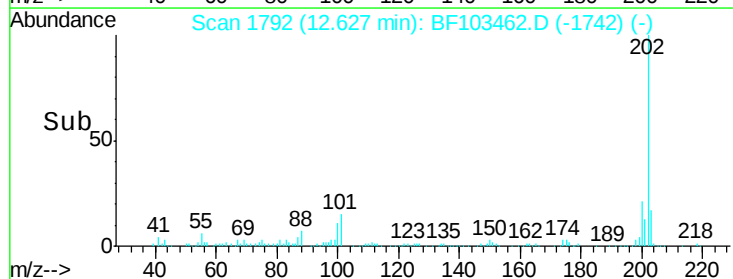
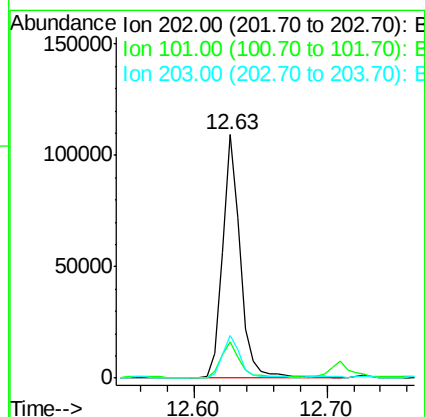
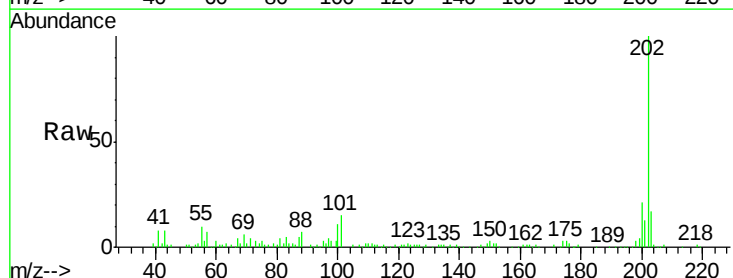
Manual Integrations
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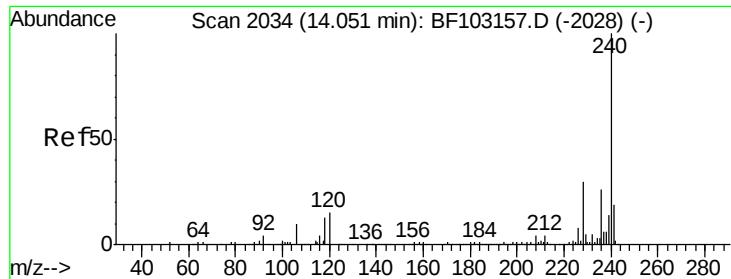
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#74
Fluoranthene
Concen: 4.245 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103462.D
Acq: 6 Mar 2018 18:23

Tgt Ion:	202	Resp:	102960
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103462.D

Acq: 6 Mar 2018 18:23

Instrument :

BNA_F

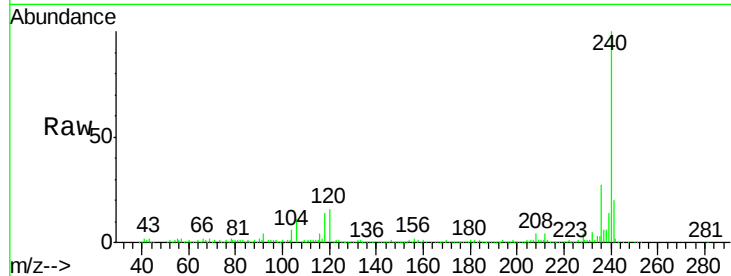
ClientSampled :

TP-13

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	27.1	20.7	31.1

Manual Integrations
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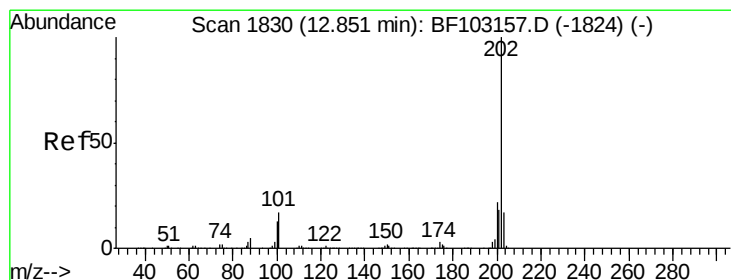
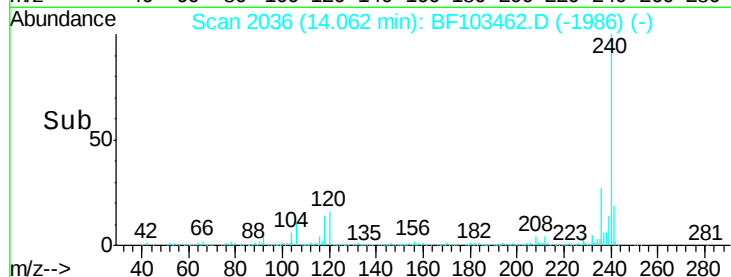
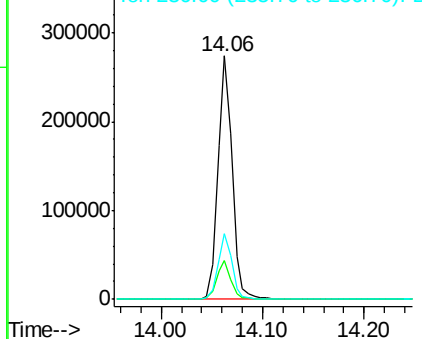
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.279 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF103462.D

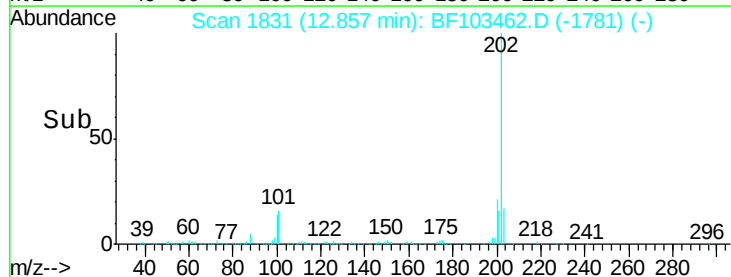
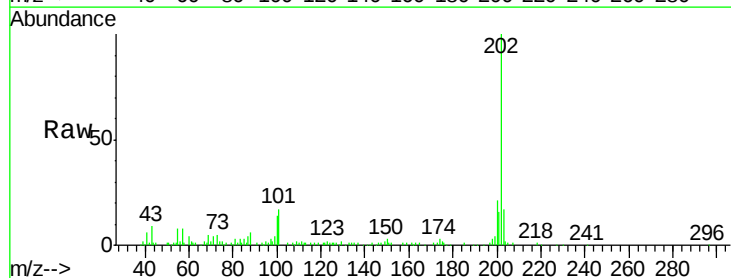
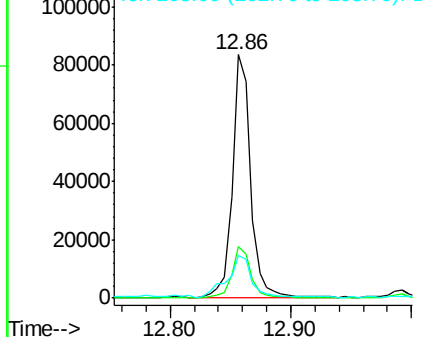
Acq: 6 Mar 2018 18:23

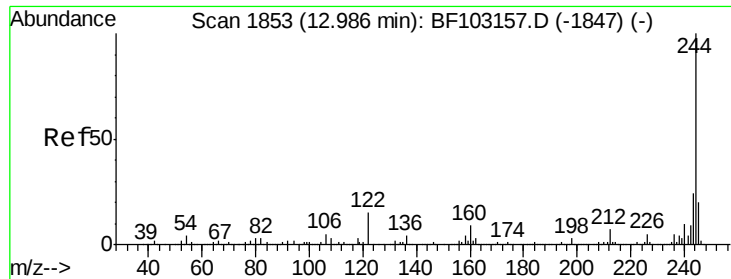
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5

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





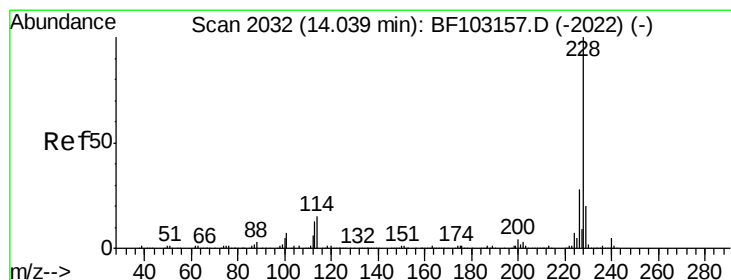
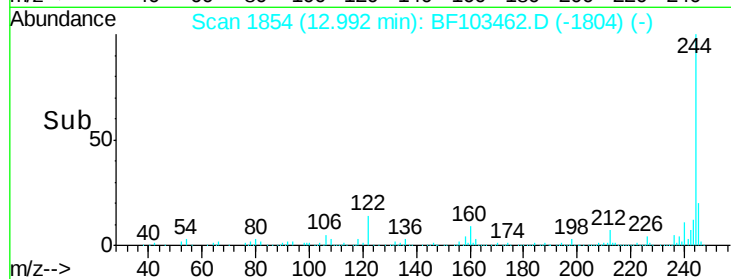
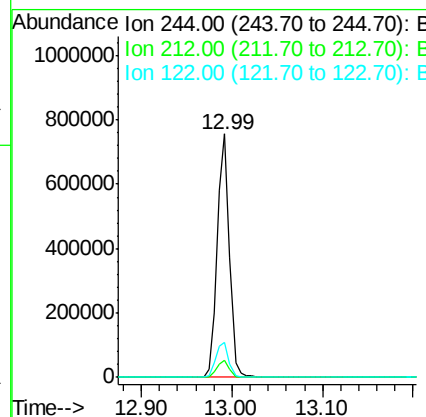
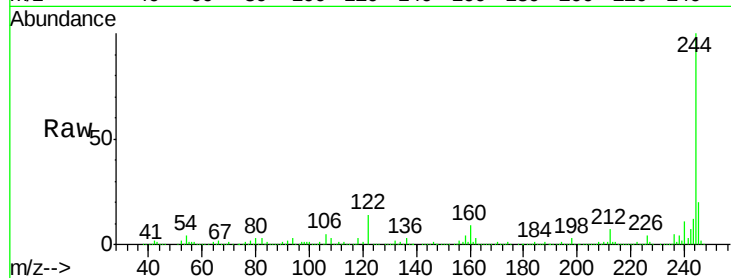
#78
 Terphenyl-d14
 Concen: 64.212 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103462.D
 Acq: 6 Mar 2018 18:23

Instrument :
 BNA_F
 ClientSampled :
 TP-13

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.3	11.0	16.4

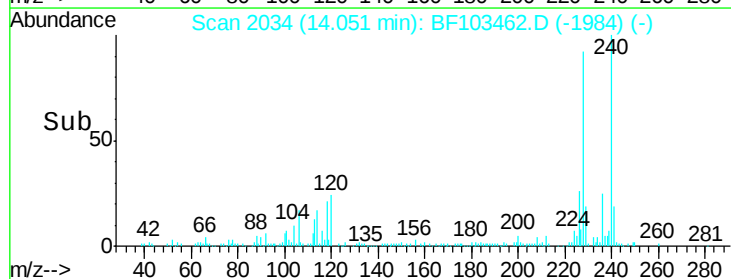
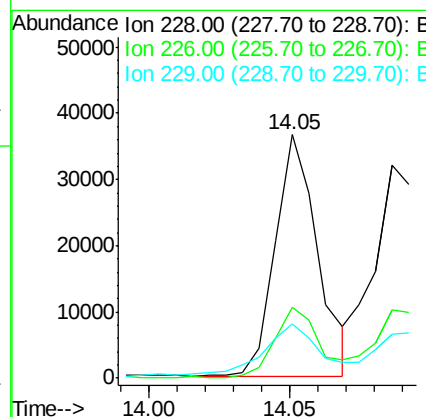
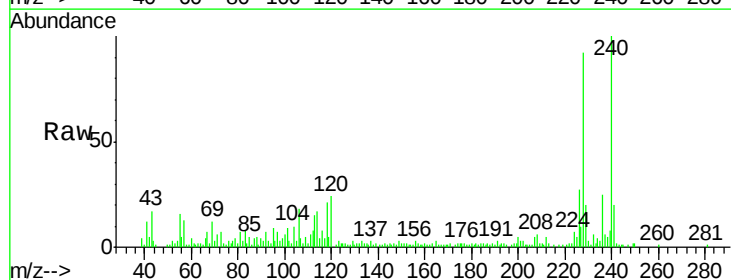
Manual Integrations
 APPROVED

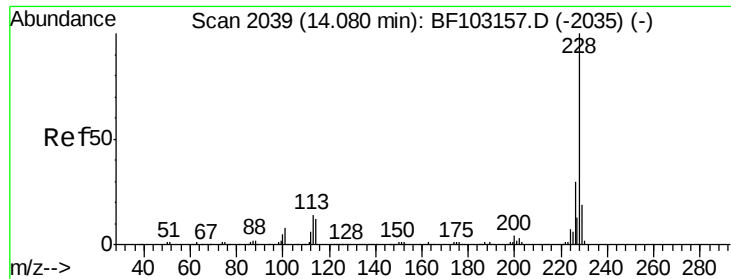
Sohil
 3/7/2018 12:17:04 PM



#80
 Benzo(a)anthracene
 Concen: 2.192 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF103462.D
 Acq: 6 Mar 2018 18:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	22.2	15.8	23.6





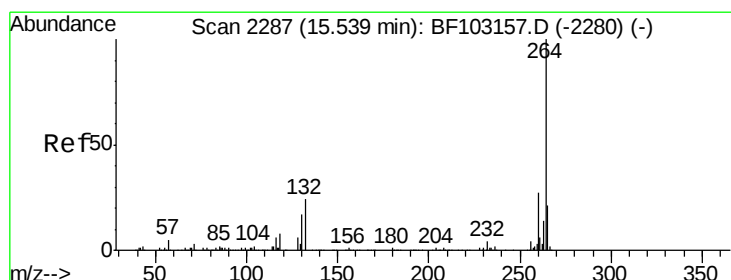
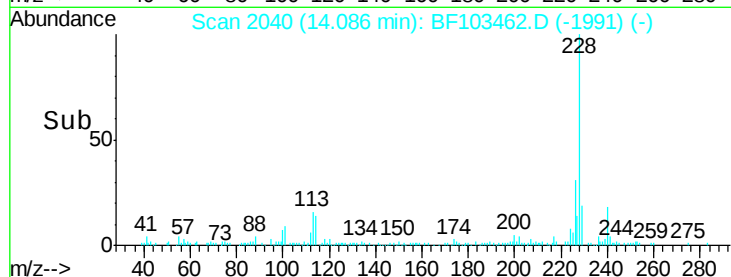
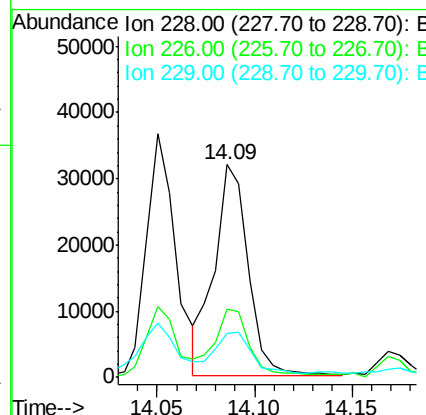
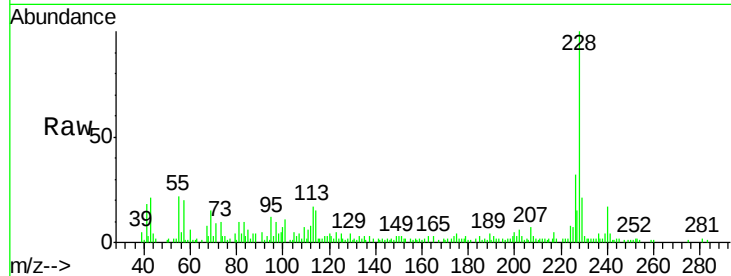
#82
Chrysene
Concen: 2.291 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103462.D
Acq: 6 Mar 2018 18:23

Instrument :
BNA_F
ClientSampled :
TP-13

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	20.6	16.2	24.4

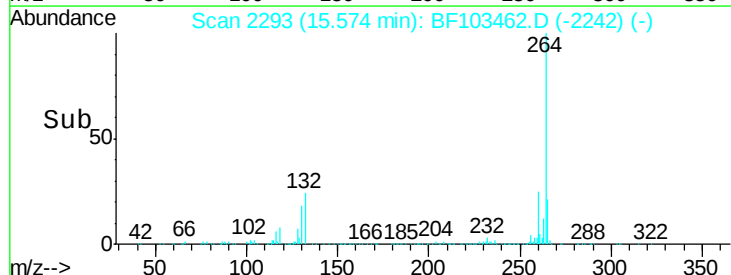
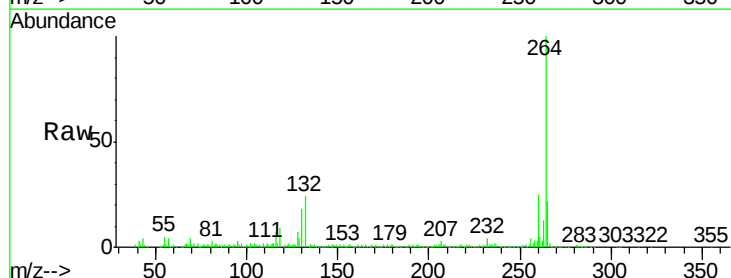
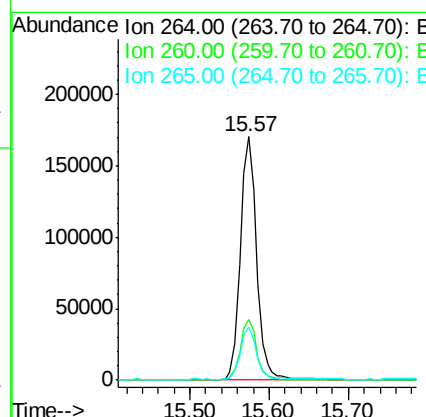
Manual Integrations
APPROVED

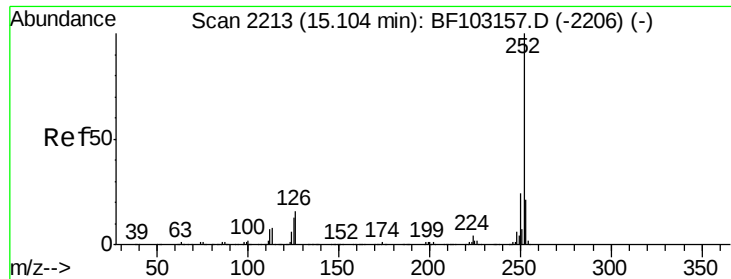
Sohil
3/7/2018 12:17:04 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103462.D
Acq: 6 Mar 2018 18:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.5	26.3





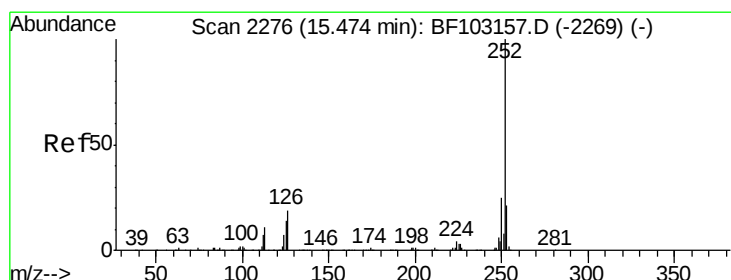
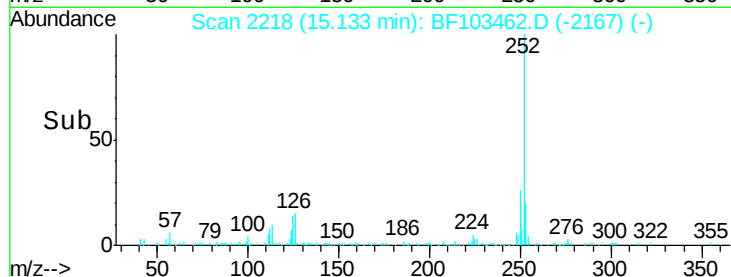
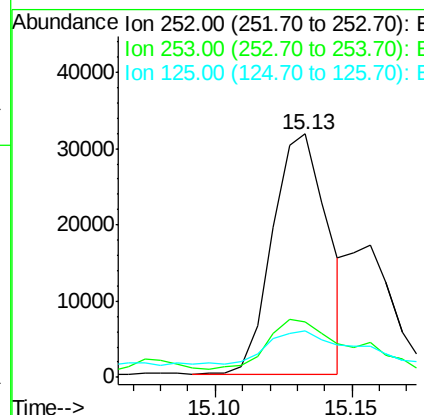
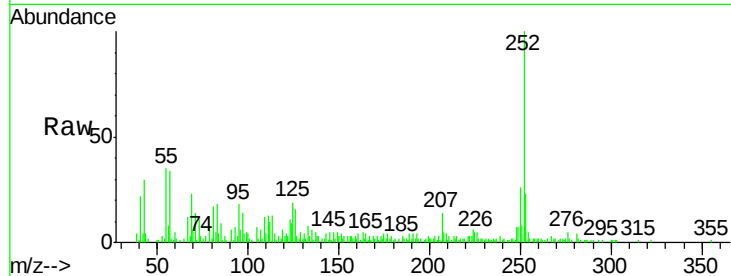
#87
Benzo(b)fluoranthene
Concen: 2.791 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103462.D
Acq: 6 Mar 2018 18:23

Instrument :
BNA_F
ClientSampleId :
TP-13

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	19.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
3/7/2018 12:17:04 PM



#89
Benzo(a)pyrene
Concen: 2.237 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF103462.D
Acq: 6 Mar 2018 18:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	21.6	9.8	14.6

