

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103082.D
 Acq On : 19 Feb 2018 15:12
 Operator : SJ/JU
 Sample : J1604-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:28 AM

Quant Time: Feb 19 17:35:12 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	177143	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	729679	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	316855	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	479382	20.00	ng	0.00
75) Chrysene-d12	14.04	240	314935	20.00	ng	-0.01
86) Perylene-d12	15.54	264	336212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1091719	93.59	ng	0.01
7) Phenol-d6	6.51	99	1314686	93.61	ng	0.00
23) Nitrobenzene-d5	7.44	82	855548	81.34	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	251032	98.43	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1272798	66.66	ng	0.00
78) Terphenyl-d14	12.99	244	859390	64.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	74033	2.997	ng	98
70) Phenanthrene	11.43	178	108034	4.046	ng	97
74) Fluoranthene	12.62	202	184168	6.856	ng	96
77) Pyrene	12.85	202	147701	5.981	ng	97
80) Benzo(a)anthracene	14.04	228	64977	3.281	ng	98
82) Chrysene	14.07	228	76203	3.817	ng	96
87) Benzo(b)fluoranthene	15.10	252	100034m	4.589	ng	
89) Benzo(a)pyrene	15.47	252	57491	2.930	ng	# 96

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

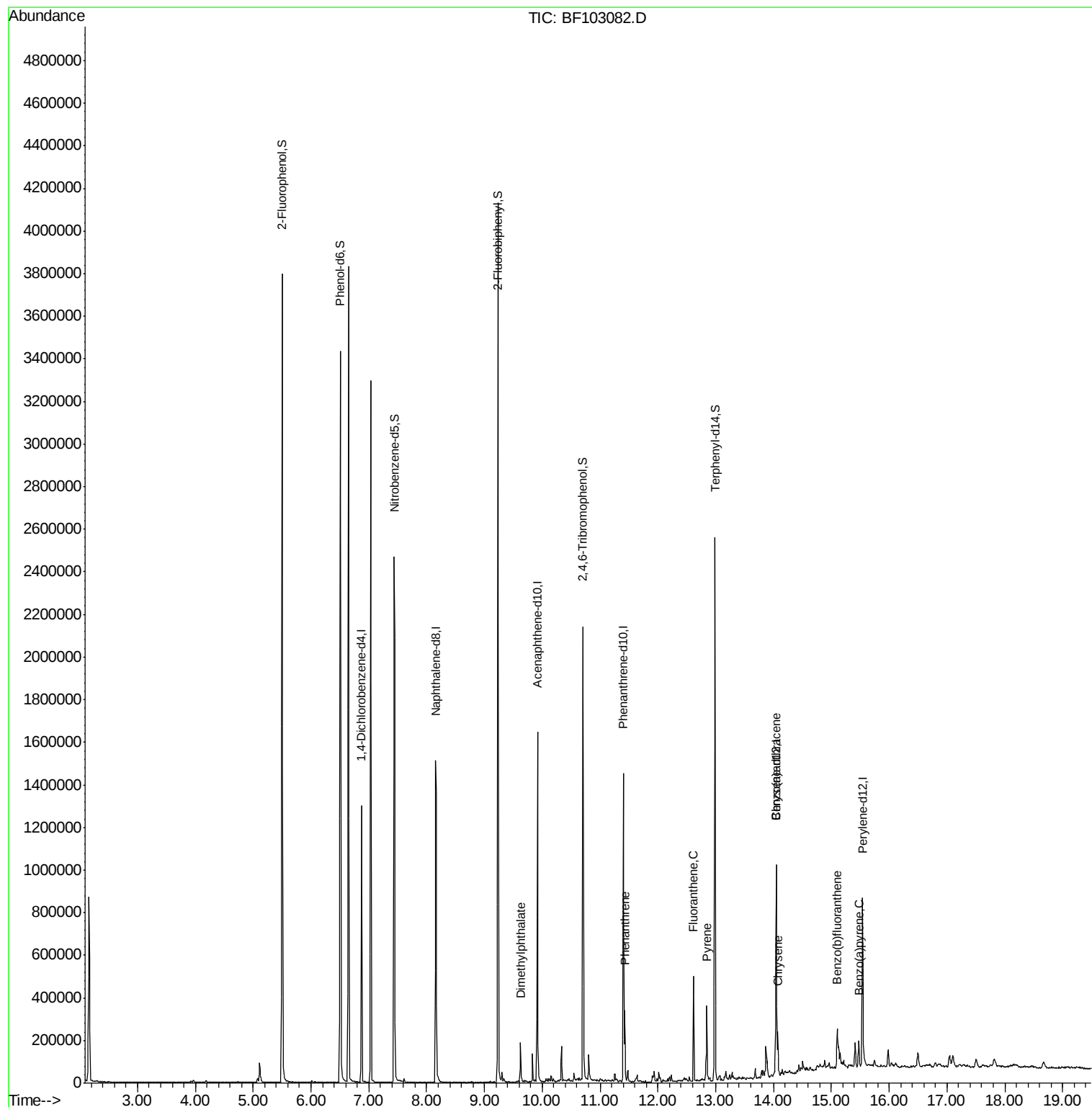
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103082.D
Acq On : 19 Feb 2018 15:12
Operator : SJ/JU
Sample : J1604-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:28 AM

Quant Time: Feb 19 17:35:12 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration





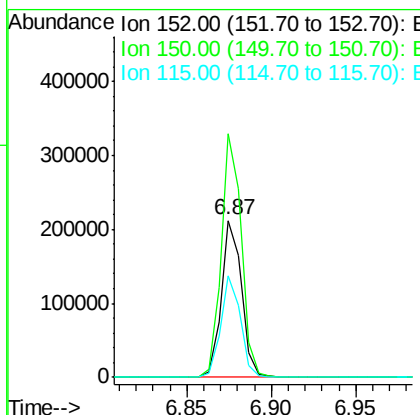
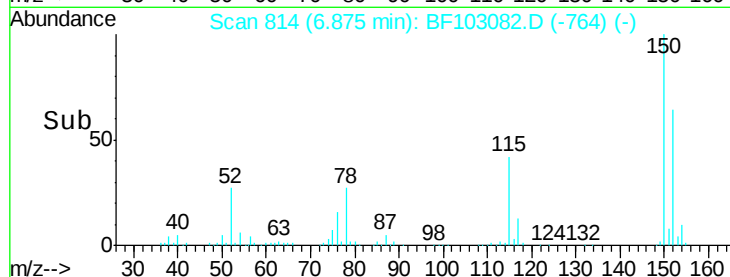
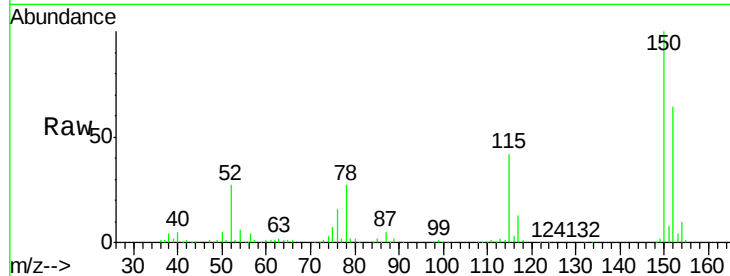
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103082.D
 Acq: 19 Feb 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	64.4	50.1	75.1

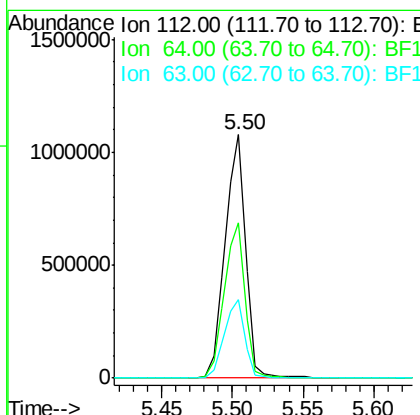
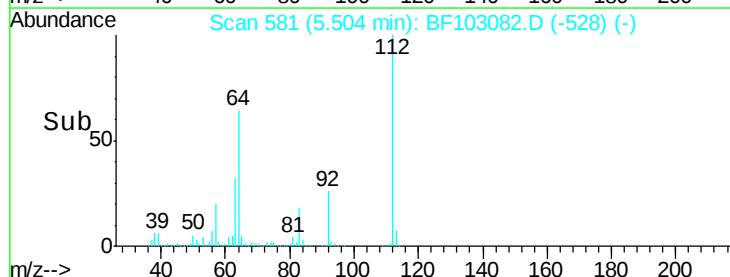
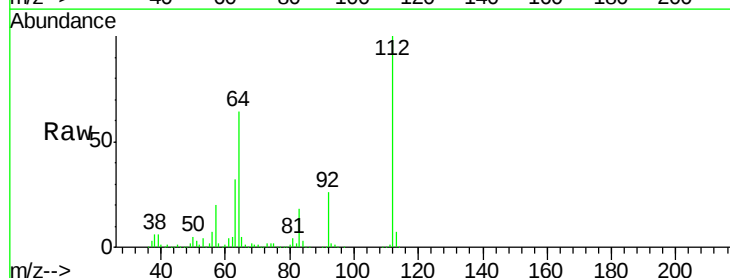
Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:28 AM



#5
 2-Fluorophenol
 Concen: 93.594 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF103082.D
 Acq: 19 Feb 2018 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	32.0	23.7	35.5





#7

Phenol-d6

Concen: 93.607 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103082.D

Acq: 19 Feb 2018 15:12

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion: 99 Resp: 1314686

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

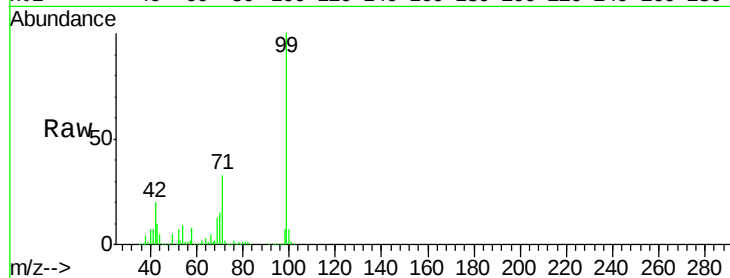
71 33.3 25.4 38.0

Manual Integrations

APPROVED

Sohil

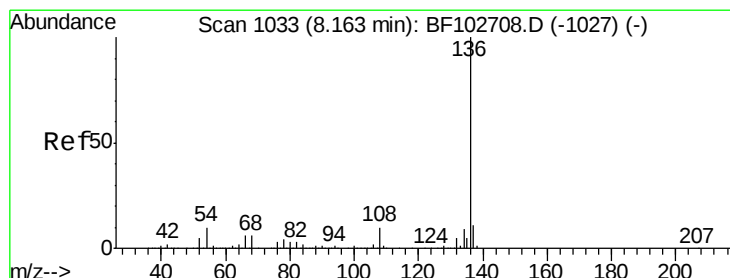
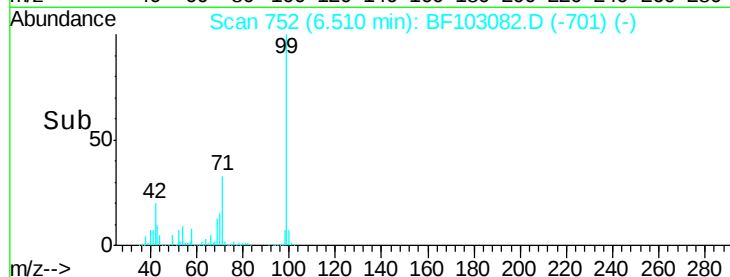
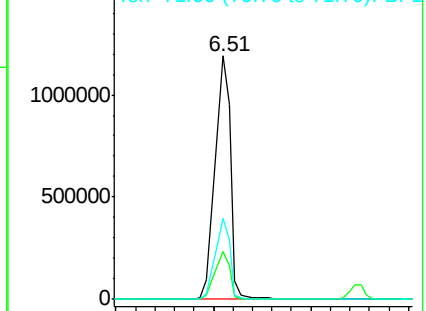
2/20/2018 10:20:28 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103082.D

Acq: 19 Feb 2018 15:12

Tgt Ion: 136 Resp: 729679

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.9 6.6 9.8#

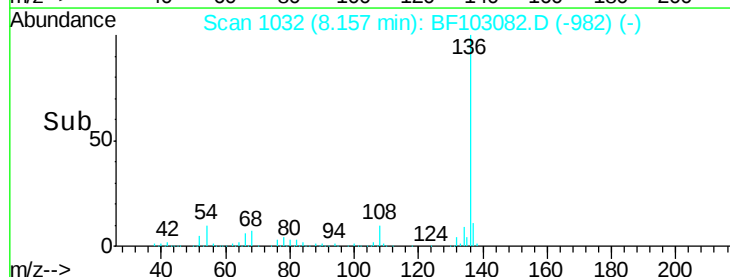
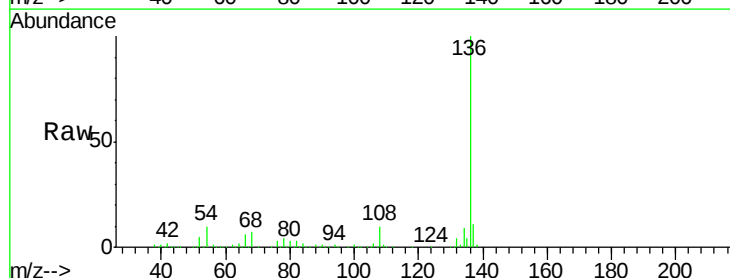
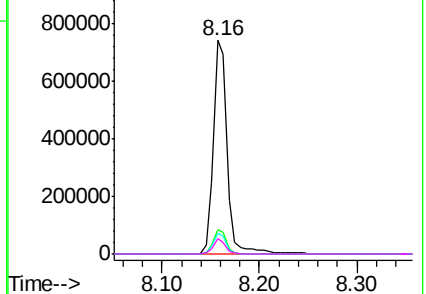
68 7.0 5.0 7.4

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





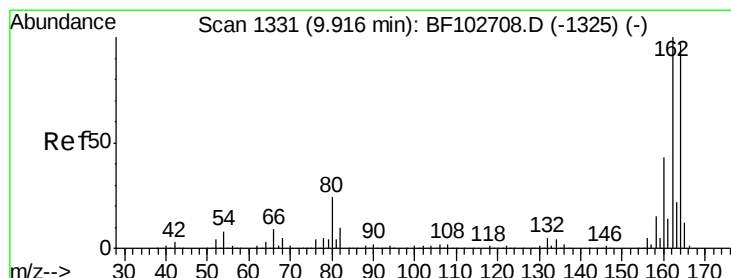
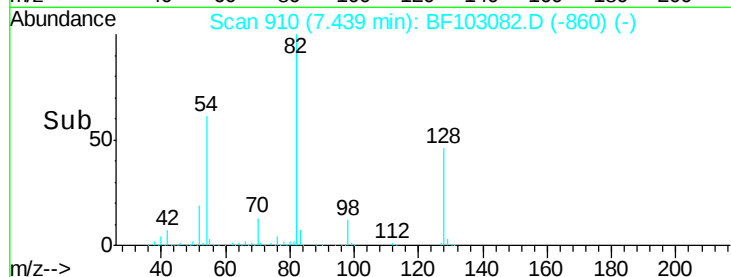
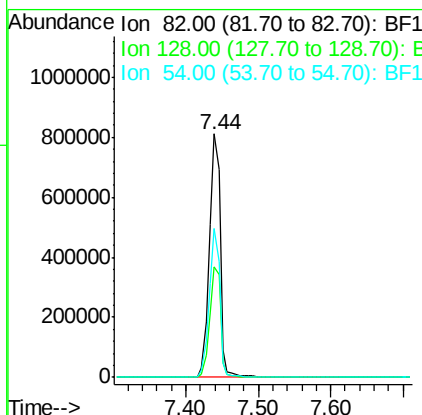
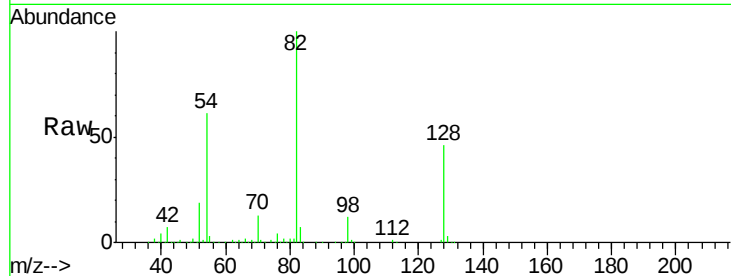
#23
Nitrobenzene-d5
Concen: 81.337 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	61.1	41.4	62.2

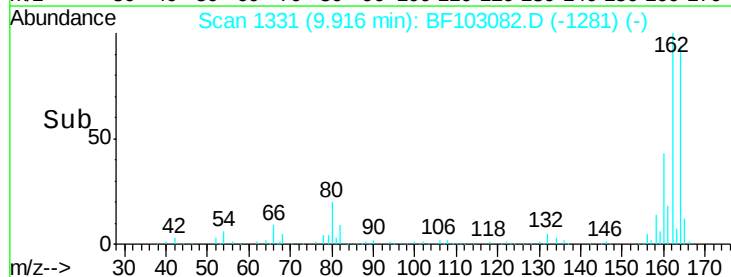
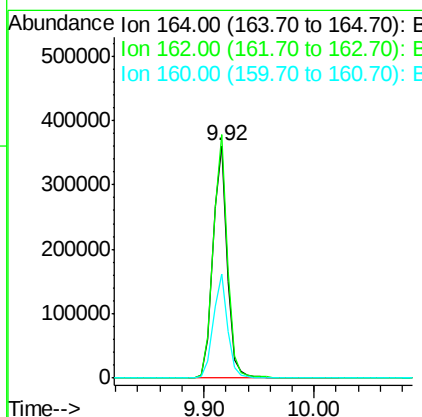
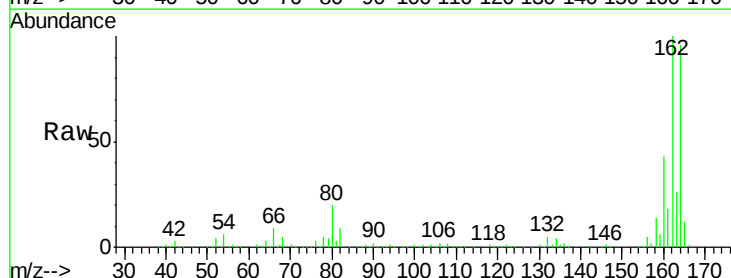
Manual Integrations
APPROVED

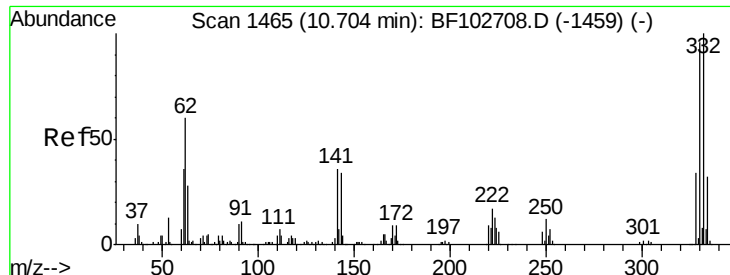
Sohil
2/20/2018 10:20:28 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	44.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 98.432 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103082.D

Acq: 19 Feb 2018 15:12

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion:330 Resp: 251032
Ion Ratio Lower Upper

330 100

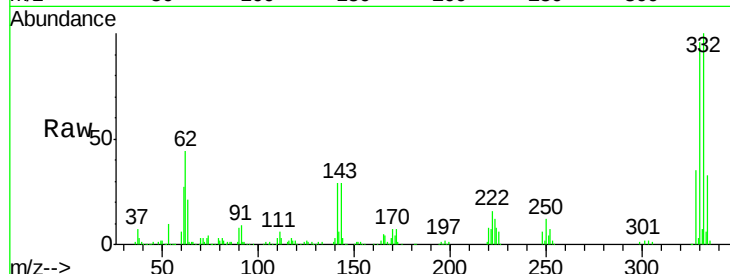
332 102.1 77.0 115.6

141 38.4 29.9 44.9

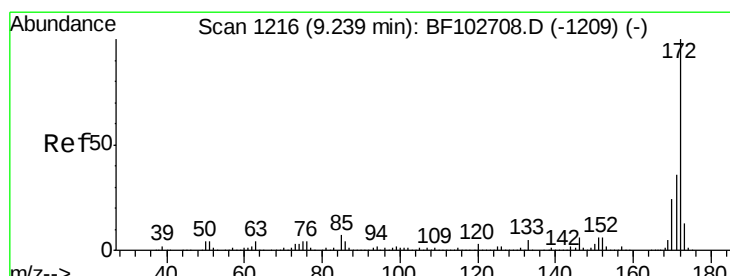
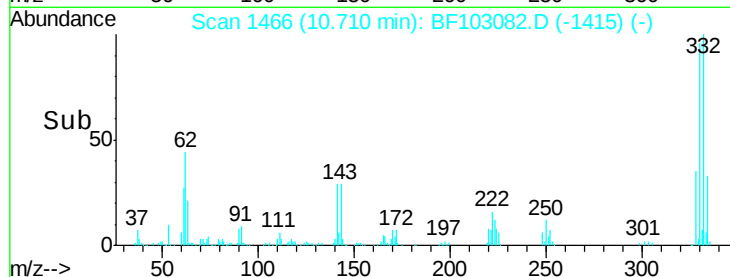
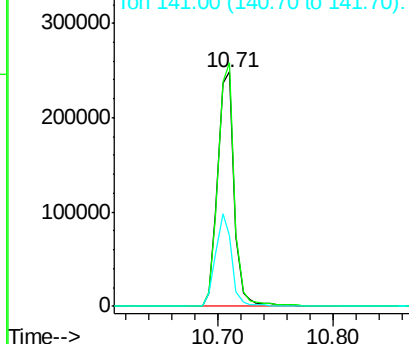
Manual Integrations
APPROVED

Sohil

2/20/2018 10:20:28 AM



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: 66.656 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103082.D

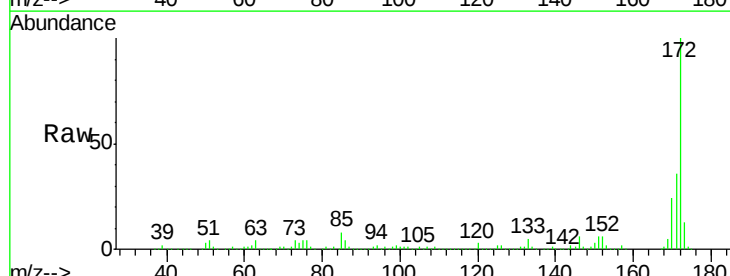
Acq: 19 Feb 2018 15:12

Tgt Ion:172 Resp: 1272798
Ion Ratio Lower Upper

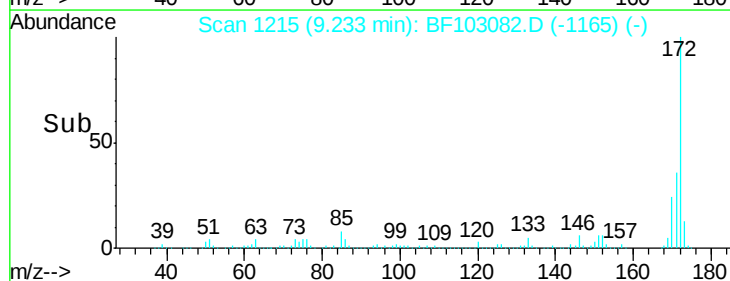
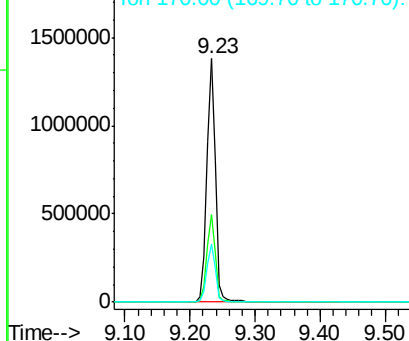
172 100

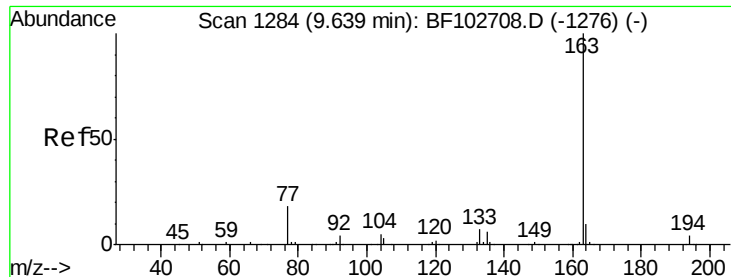
171 35.7 29.7 44.5

170 24.1 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





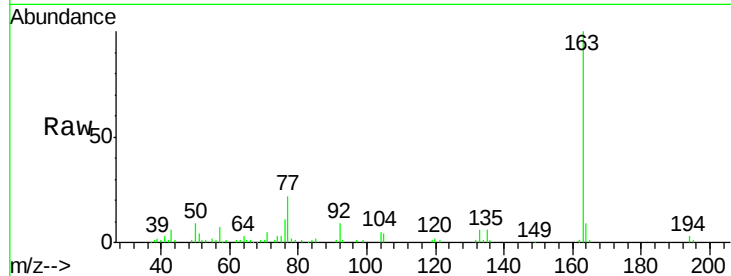
#49
Dimethylphthalate
Concen: 2.997 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Instrument :
BNA_F
ClientSampled :
TP-3

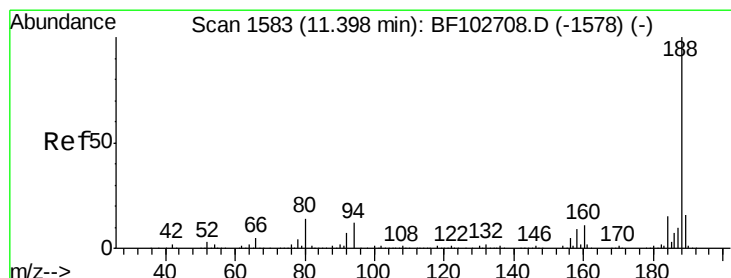
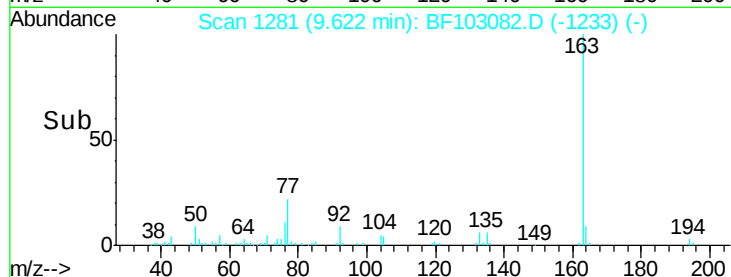
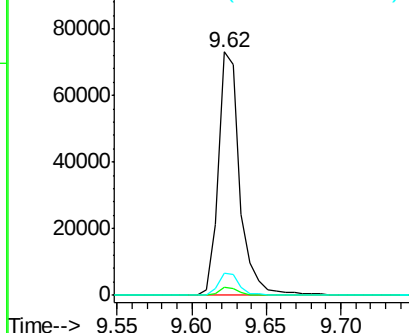
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.4	8.2	12.2

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:28 AM



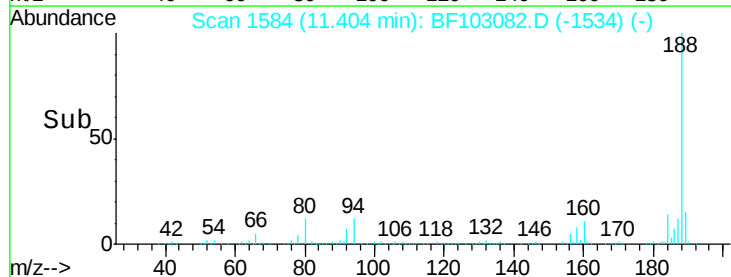
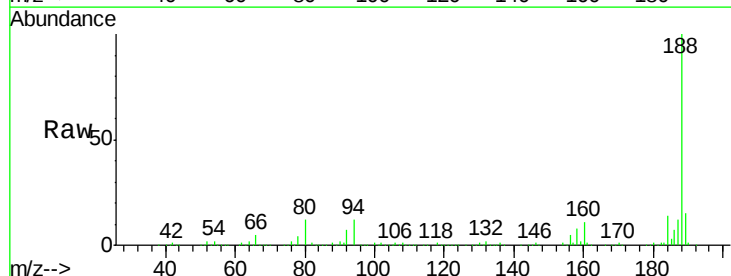
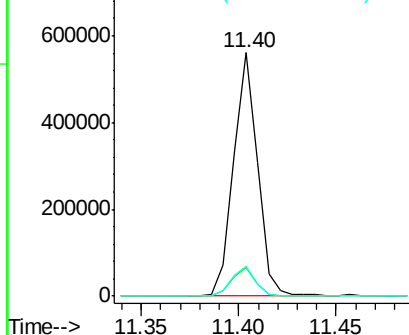
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

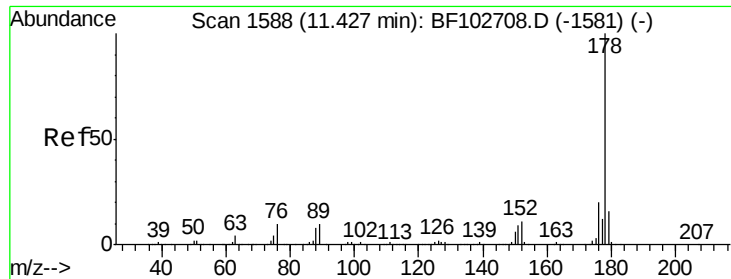


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.5	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





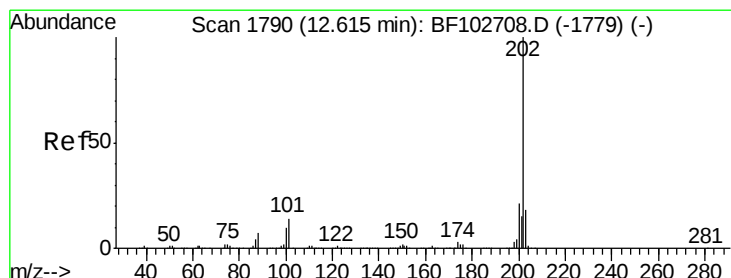
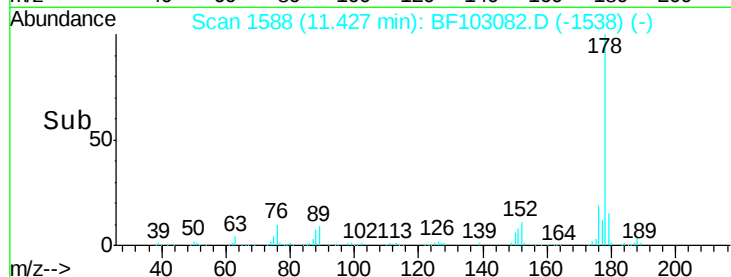
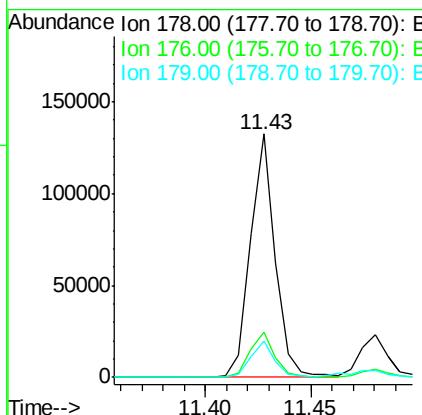
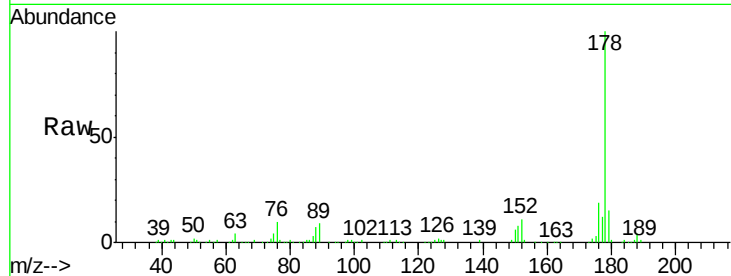
#70
Phenanthrene
Concen: 4.046 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.0	13.0	19.6

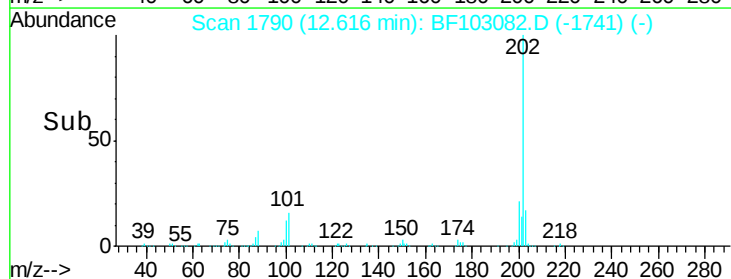
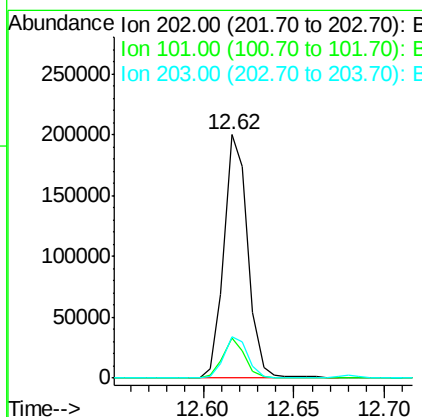
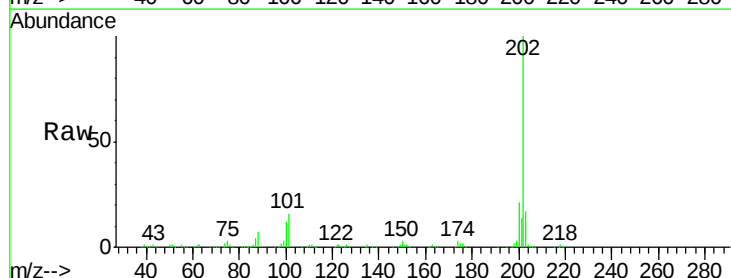
Manual Integrations
APPROVED

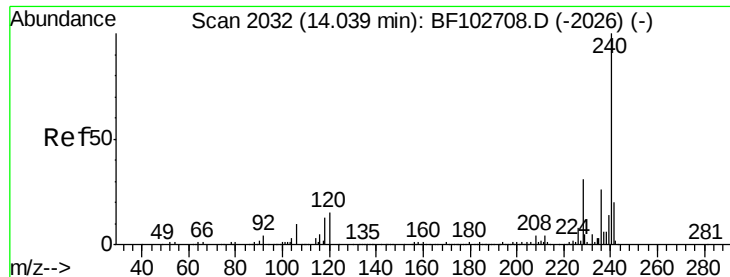
Sohil
2/20/2018 10:20:28 AM



#74
Fluoranthene
Concen: 6.856 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	34.1
203	17.2	0.0	38.1





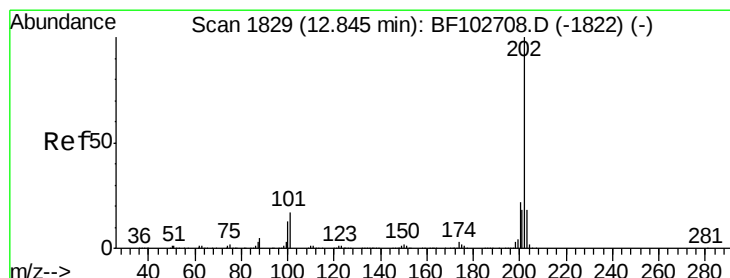
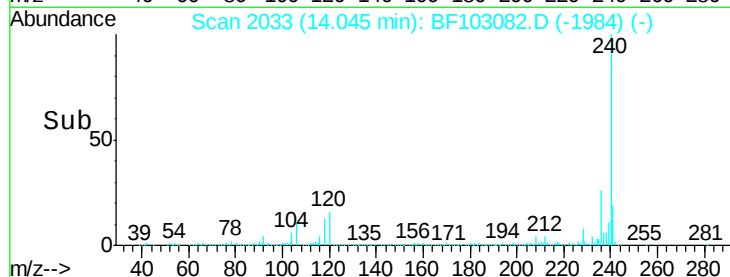
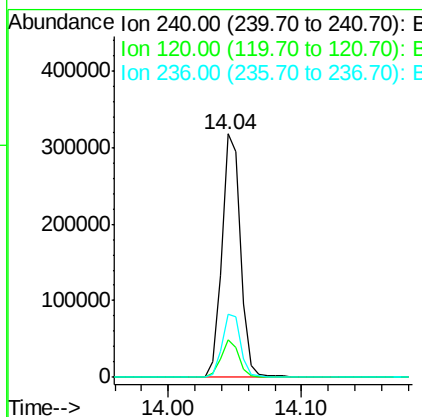
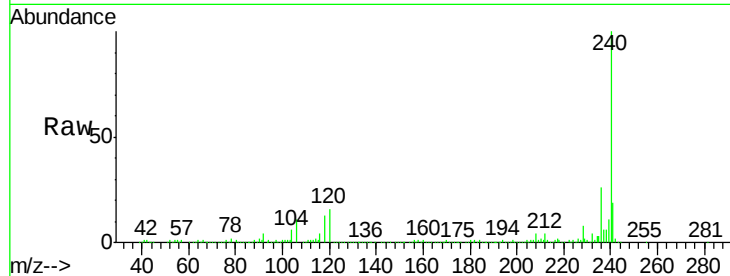
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	314935		
120	15.6	9.5	14.3	
236	26.0	20.7	31.1	

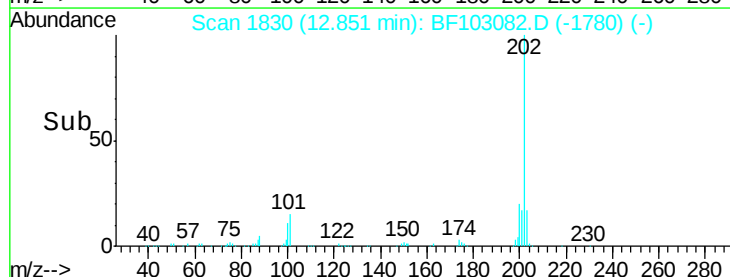
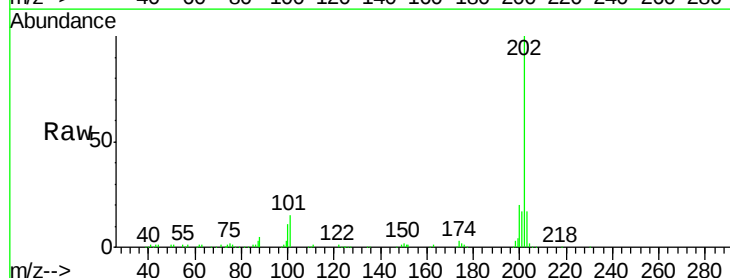
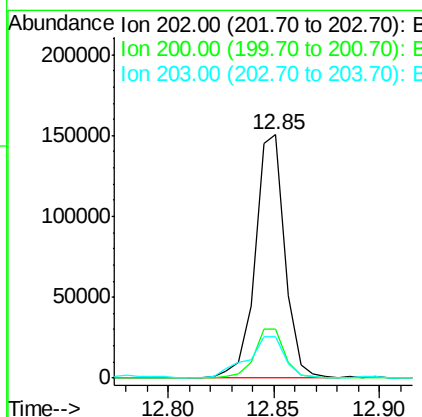
Manual Integrations
APPROVED

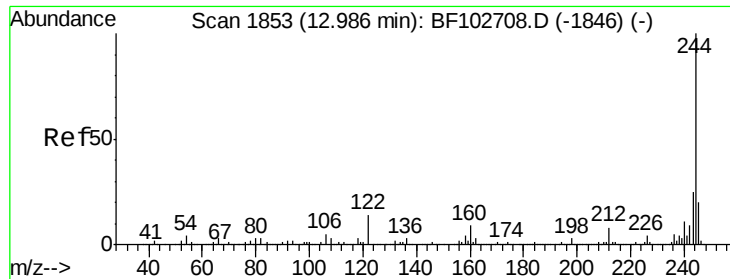
Sohil
2/20/2018 10:20:28 AM



#77
Pyrene
Concen: 5.981 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	147701		
200	20.2	17.4	26.2	
203	17.3	14.3	21.5	





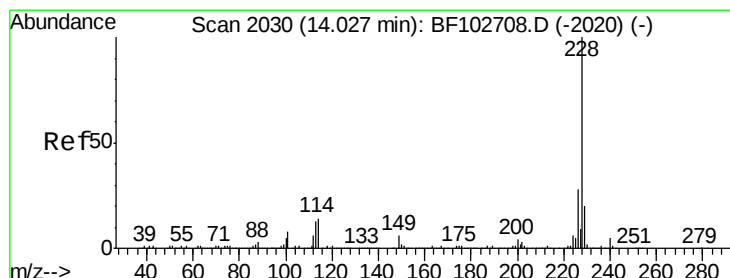
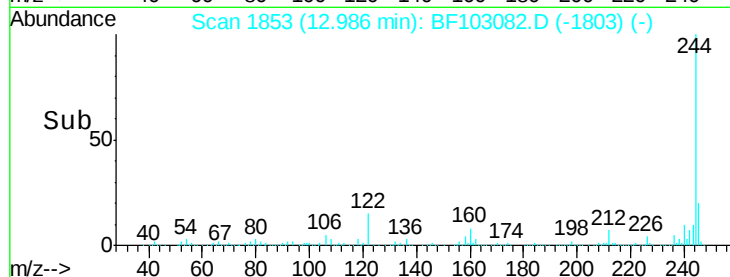
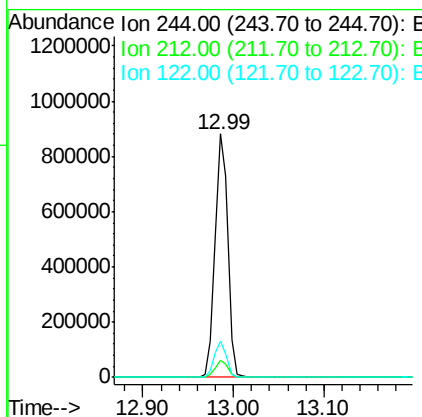
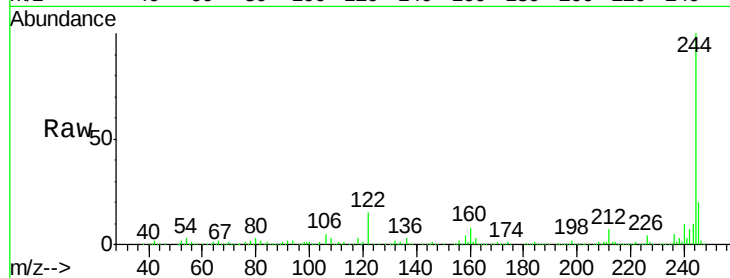
#78
 Terphenyl-d14
 Concen: 64.611 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103082.D
 Acq: 19 Feb 2018 15:12

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.7	11.0	16.4

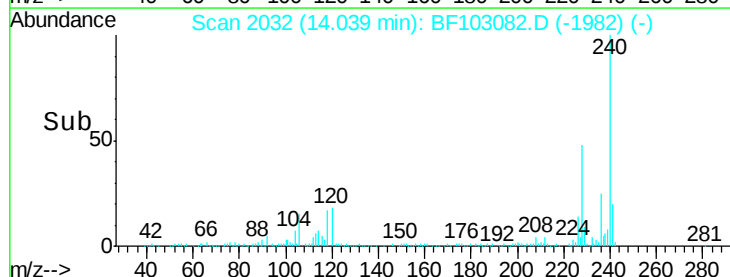
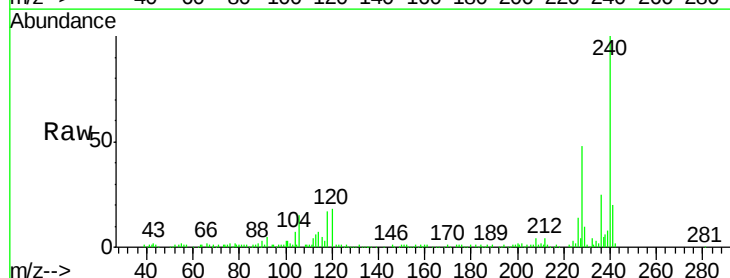
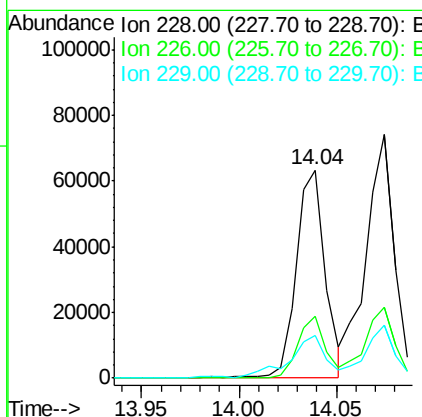
Manual Integrations
 APPROVED

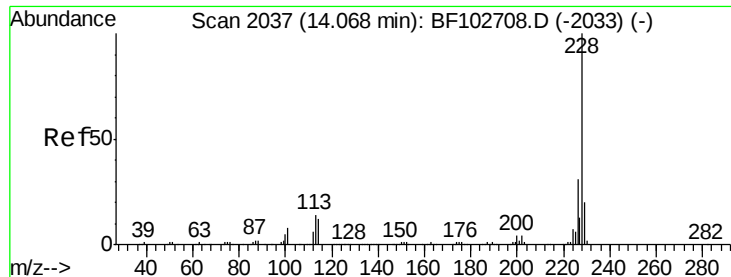
Sohil
 2/20/2018 10:20:28 AM



#80
 Benzo(a)anthracene
 Concen: 3.281 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF103082.D
 Acq: 19 Feb 2018 15:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.4	15.8	23.6





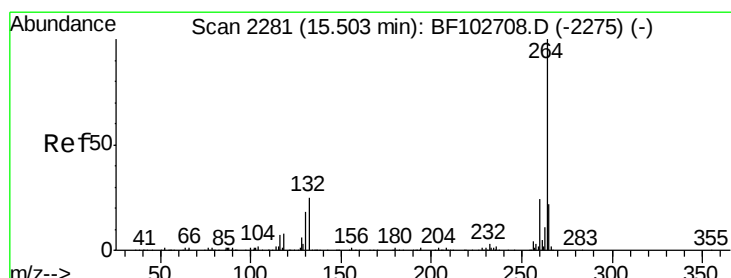
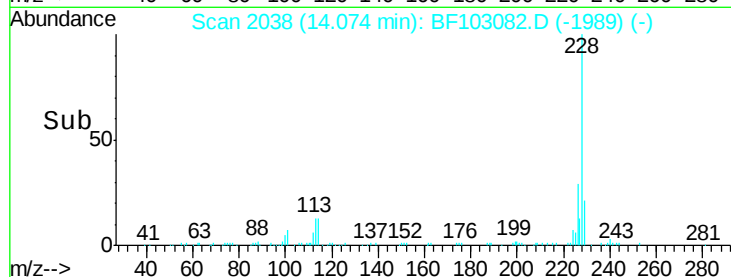
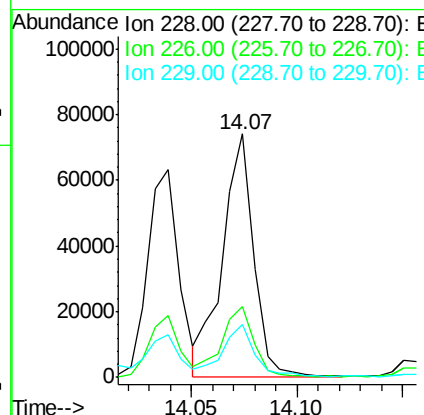
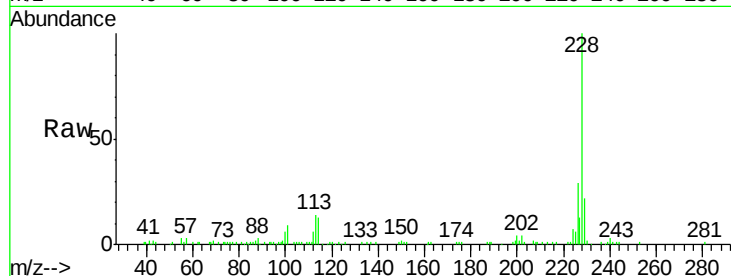
#82
Chrysene
Concen: 3.817 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Instrument :
BNA_F
ClientSampled :
TP-3

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	21.6	16.2	24.4

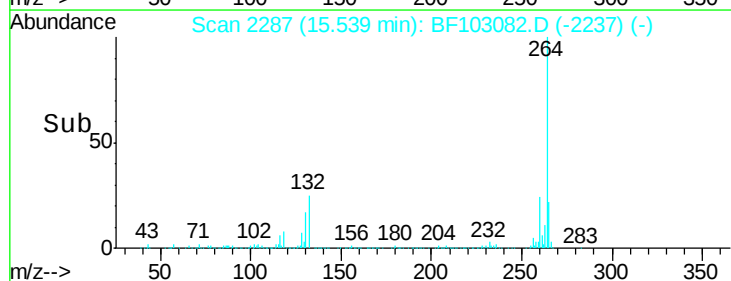
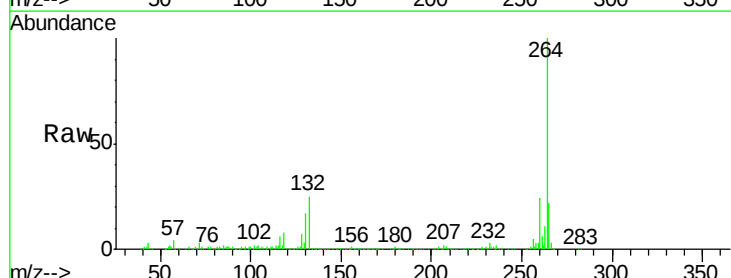
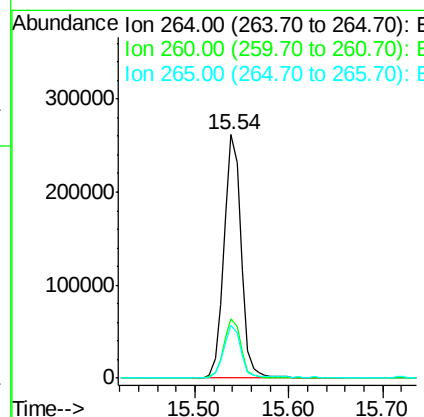
Manual Integrations
APPROVED

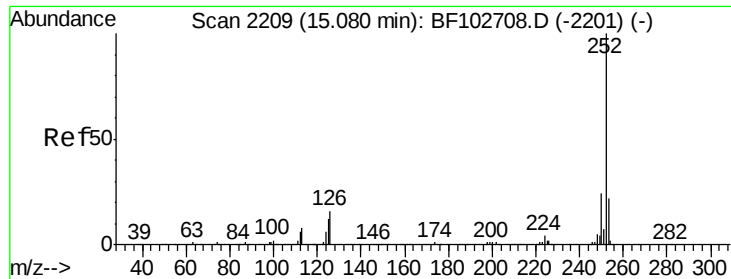
Sohil
2/20/2018 10:20:28 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103082.D
Acq: 19 Feb 2018 15:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.589 ng m

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF103082.D

Acq: 19 Feb 2018 15:12

Instrument :

BNA_F

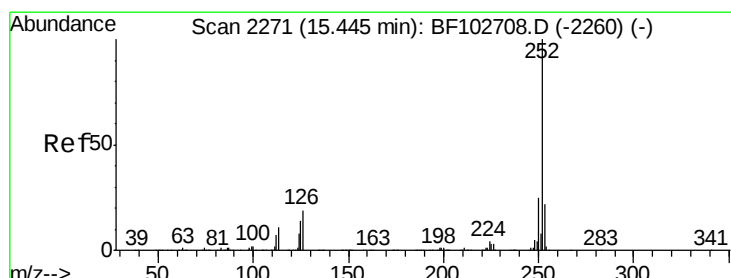
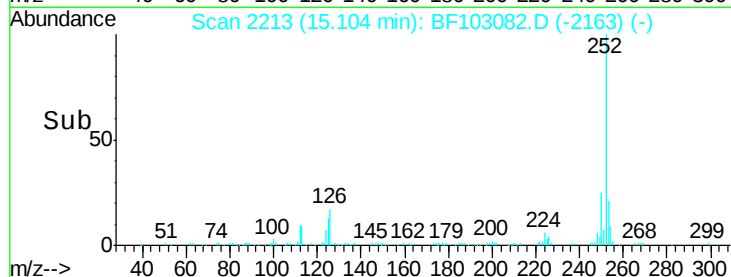
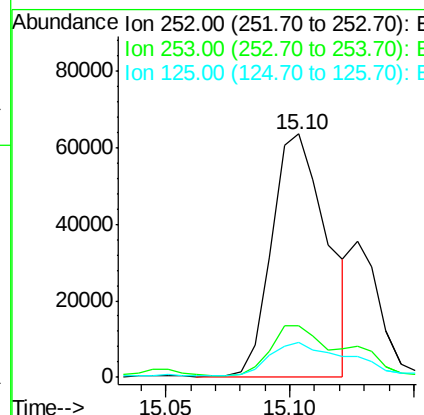
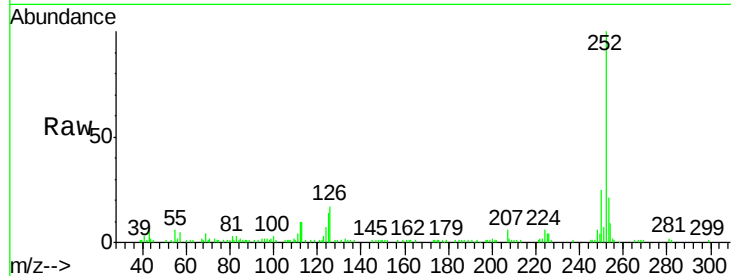
ClientSampled :

TP-3

Tgt Ion:	252	Resp:	100034
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.0	25.6
125	14.1	9.0	13.6#

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:28 AM



#89

Benzo(a)pyrene

Concen: 2.930 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF103082.D

Acq: 19 Feb 2018 15:12

Tgt Ion:	252	Resp:	57491
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	15.0	9.8	14.6#

