

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103813.D
 Acq On : 20 Mar 2018 20:10
 Operator : JU/SJ
 Sample : J1977-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP

Manual Integrations
 APPROVED

Sohil
 3/22/2018 12:57:43 PM

Quant Time: Mar 21 01:49:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172059	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	667541	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	294255	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	467707	20.00	ng	0.00
75) Chrysene-d12	14.16	240	291726	20.00	ng	0.00
86) Perylene-d12	15.70	264	254548	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1045250	92.40	ng	0.02
7) Phenol-d6	6.59	99	1280729	92.54	ng	0.00
23) Nitrobenzene-d5	7.53	82	779698	81.45	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	239444	94.64	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1215619	65.90	ng	0.00
78) Terphenyl-d14	13.09	244	876572	69.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	158803	7.074	ng	100
70) Phenanthrene	11.53	178	64240	2.511	ng	97
74) Fluoranthene	12.72	202	91822	3.484	ng	98
77) Pyrene	12.96	202	78359	3.658	ng	98
80) Benzo(a)anthracene	14.14	228	38596	2.090	ng	99
87) Benzo(b)fluoranthene	15.24	252	39674m	2.467	ng	

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

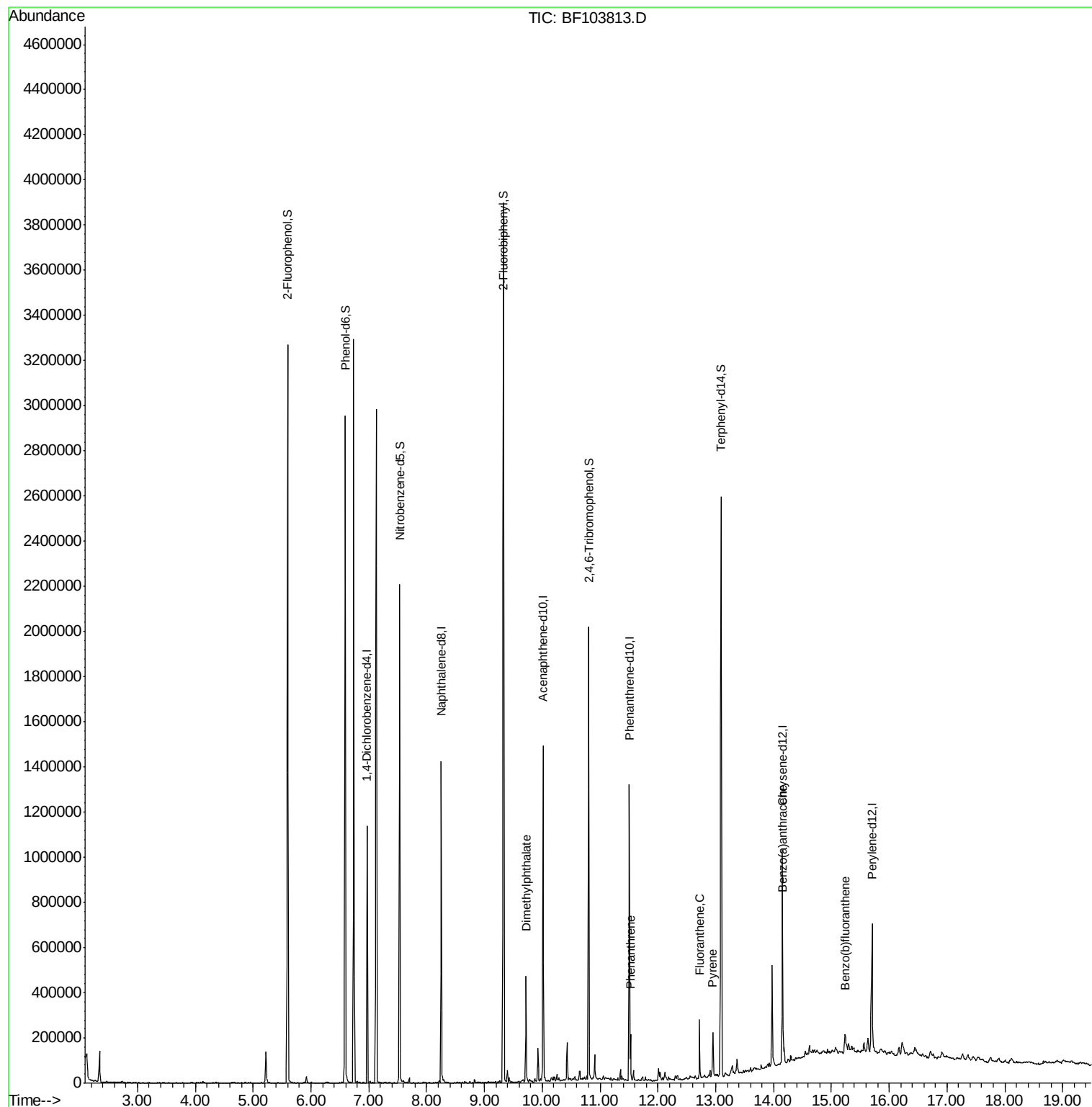
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103813.D
Acq On : 20 Mar 2018 20:10
Operator : JU/SJ
Sample : J1977-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

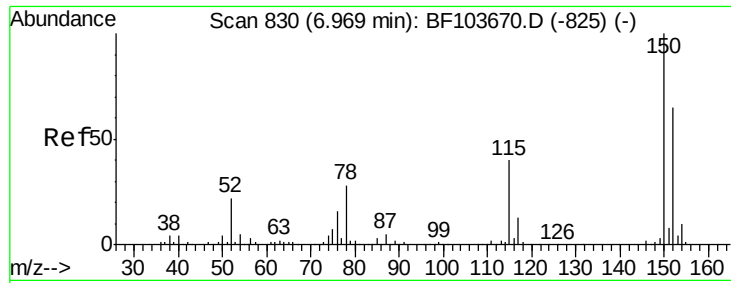
Instrument :
BNA_F
ClientSampleId :
SP

Manual Integrations
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3/22/2018 12:57:43 PM

Quant Time: Mar 21 01:49:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration





#1

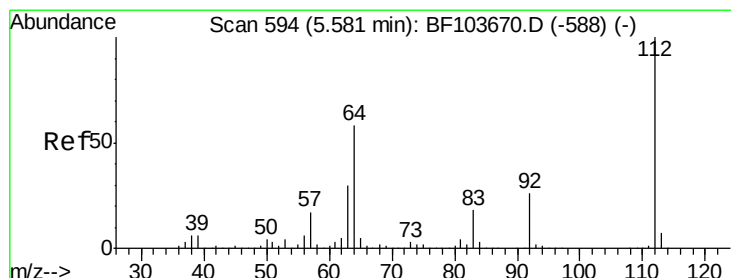
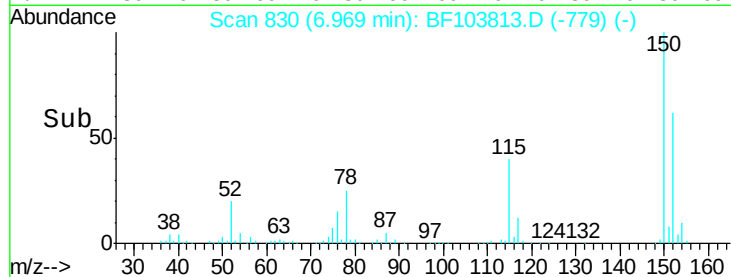
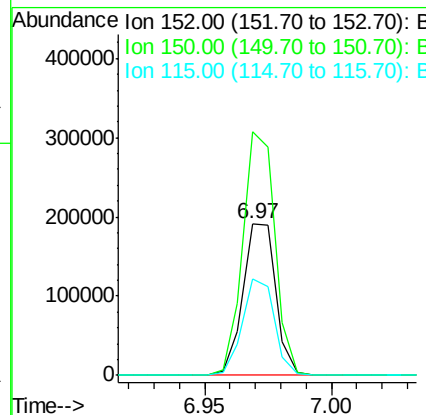
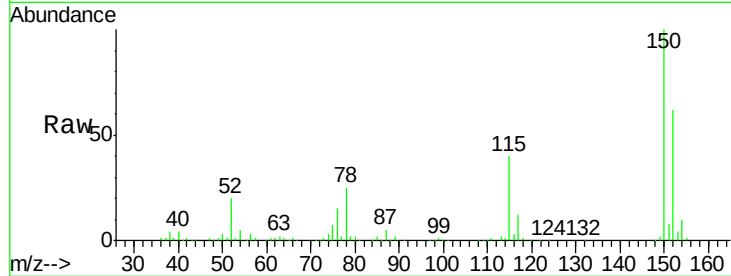
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampled :
SP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	63.7	50.1	75.1

Manual Integrations
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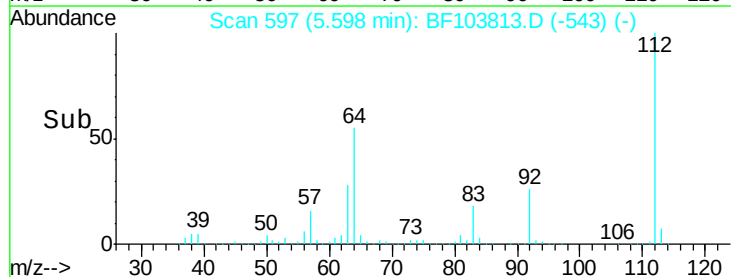
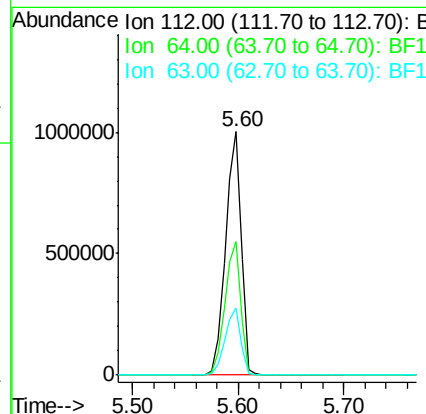
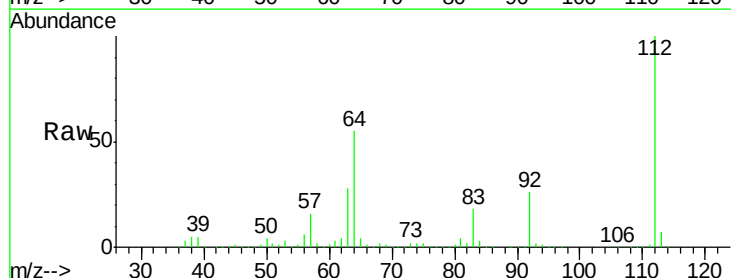
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3/22/2018 12:57:43 PM

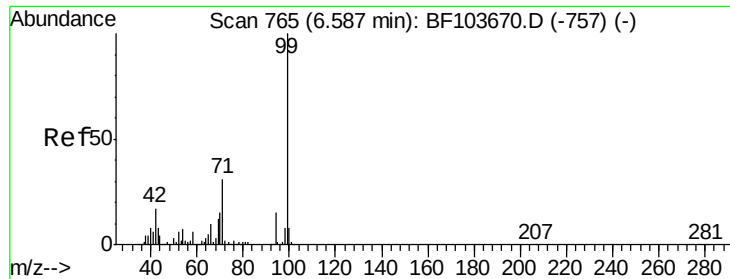


#5

2-Fluorophenol
Concen: 92.400 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 92.540 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103813.D

Acq: 20 Mar 2018 20:10

Instrument :

BNA_F

ClientSampled :

SP

Tot Ion: 99 Resp: 1280729

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

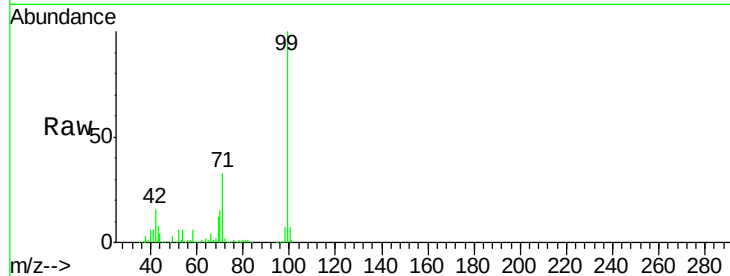
71 32.8 25.4 38.0

Manual Integrations

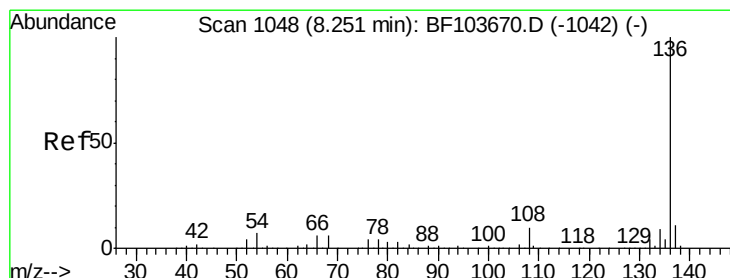
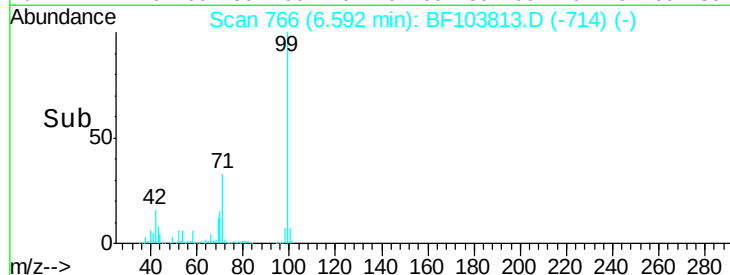
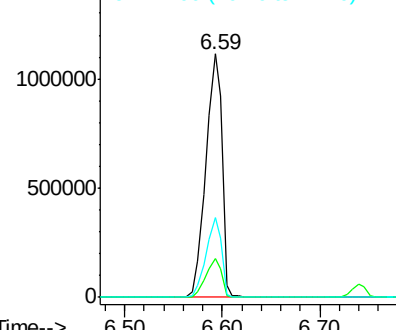
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103813.D

Acq: 20 Mar 2018 20:10

Tgt Ion: 136 Resp: 667541

Ion Ratio Lower Upper

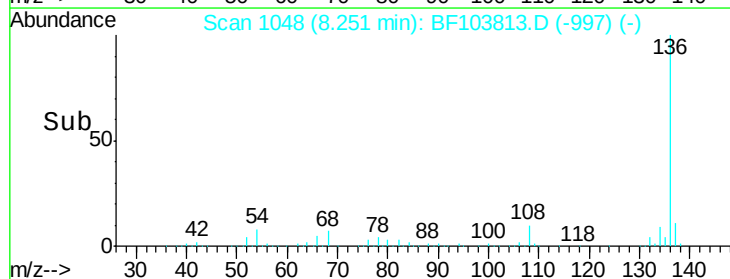
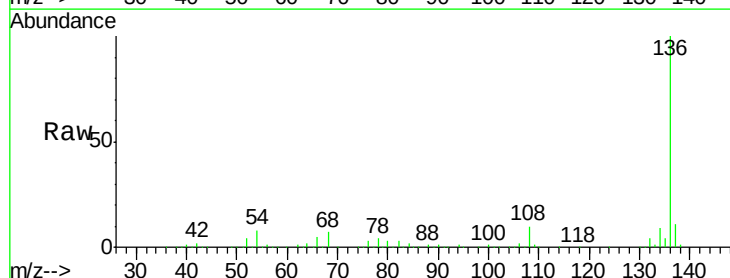
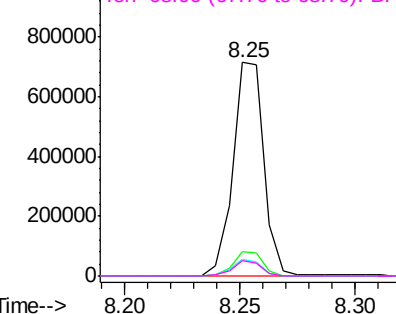
136 100

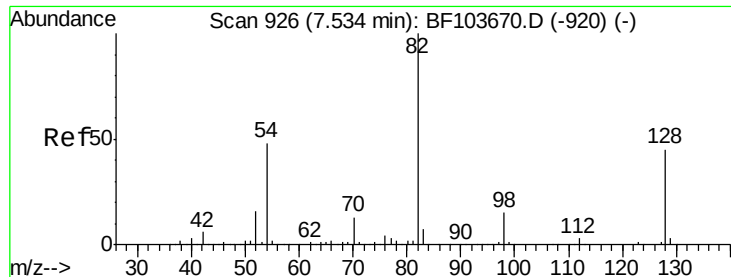
137 11.4 8.9 13.3

54 7.7 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





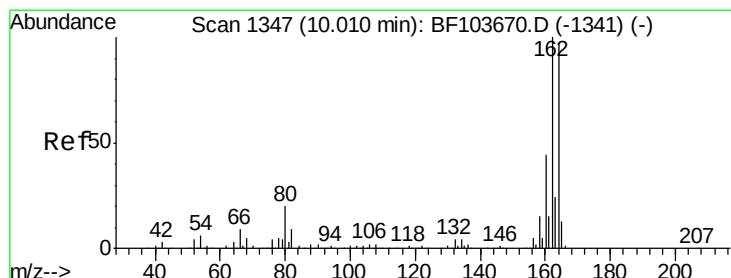
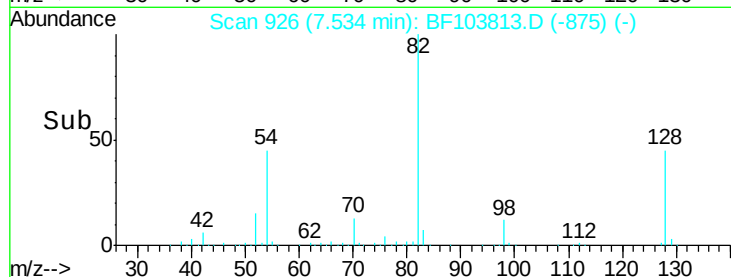
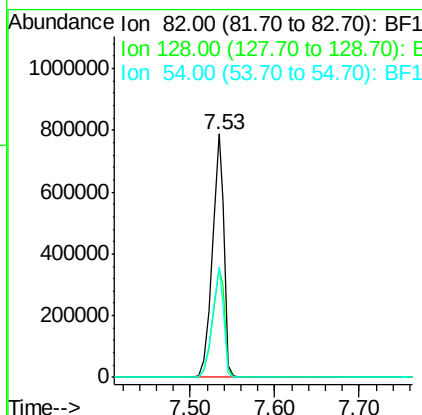
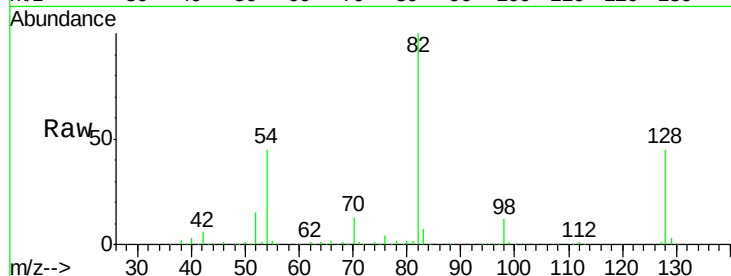
#23
Nitrobenzene-d5
Concen: 81.453 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :
SP

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	45.2	41.4	62.2

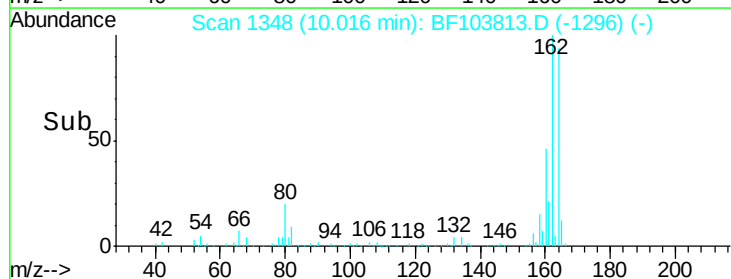
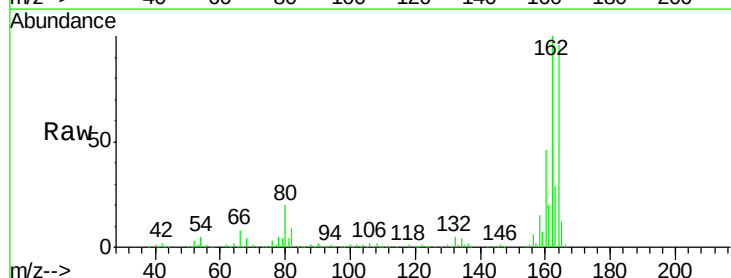
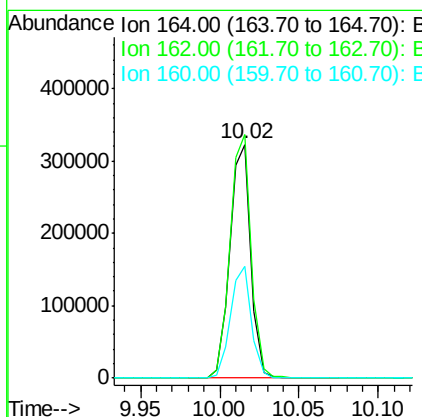
Manual Integrations
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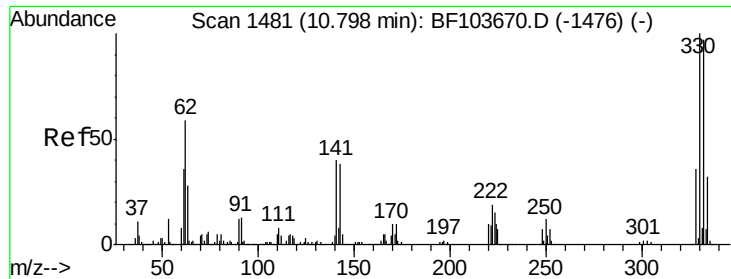
Sohil
3/22/2018 12:57:43 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.8	38.3	57.5





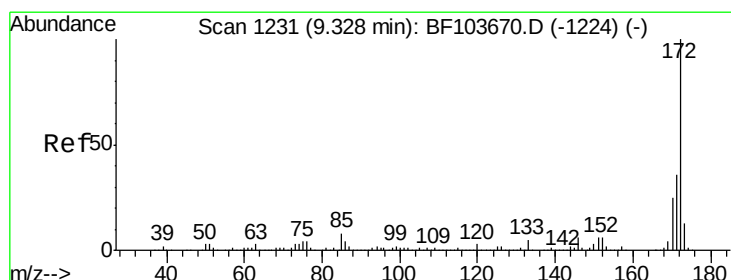
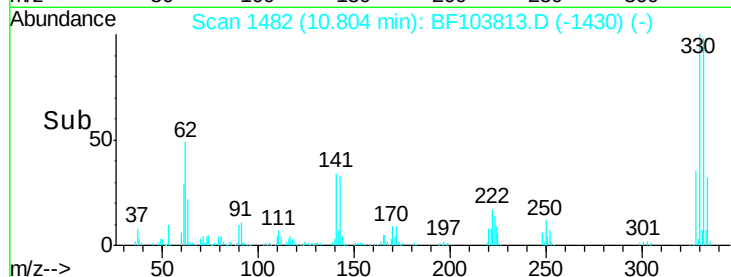
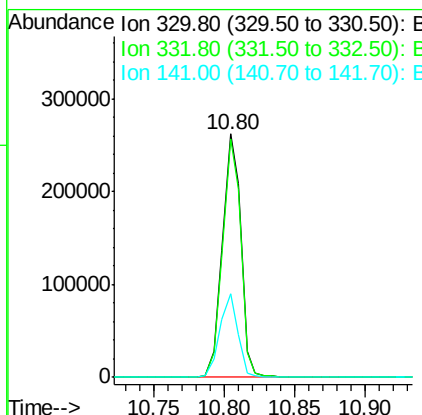
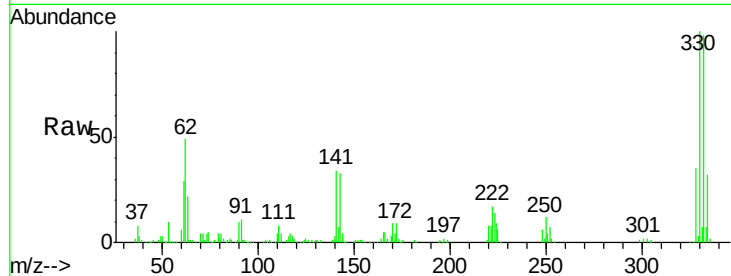
#41
 2,4,6-Tribromophenol
 Concen: 94.641 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103813.D
 Acq: 20 Mar 2018 20:10

Instrument :
 BNA_F
 ClientSampled :
 SP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	239444		
332	97.1	77.0	115.6	
141	33.5	29.9	44.9	

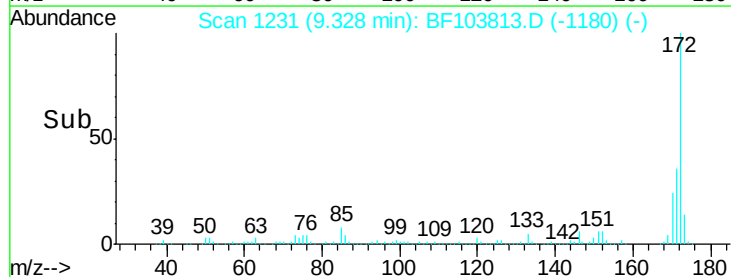
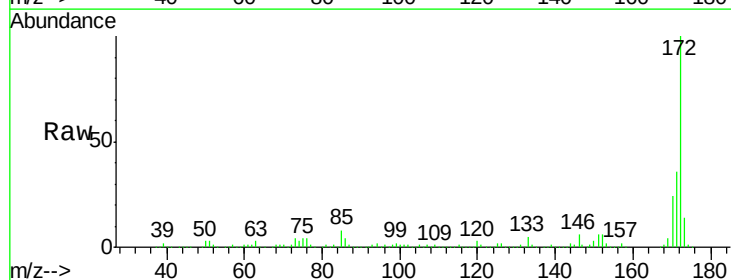
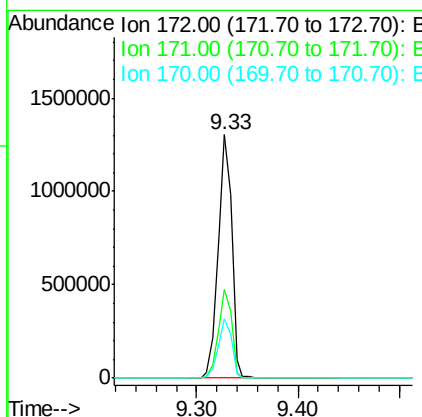
Manual Integrations
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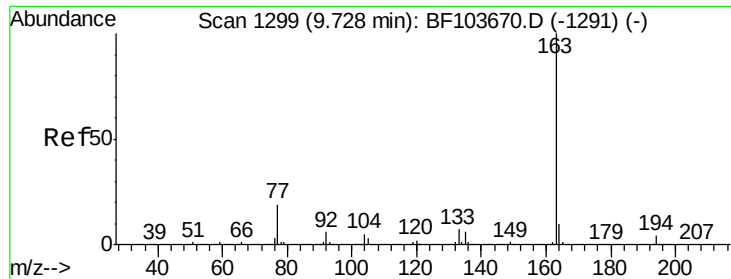
Sohil
 3/22/2018 12:57:43 PM



#44
 2-Fluorobiphenyl
 Concen: 65.898 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103813.D
 Acq: 20 Mar 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1215619		
171	36.5	29.7	44.5	
170	24.4	19.6	29.4	





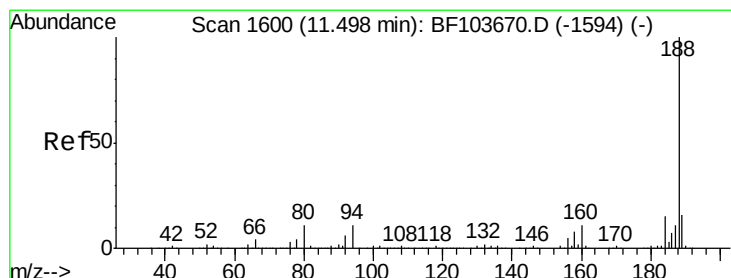
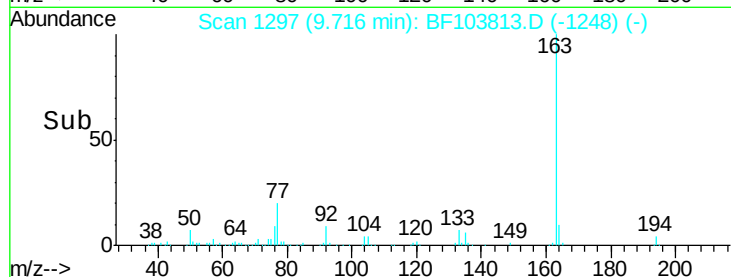
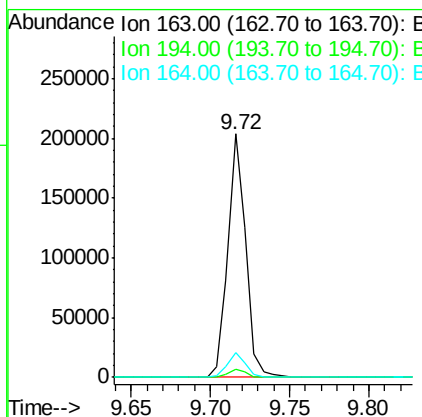
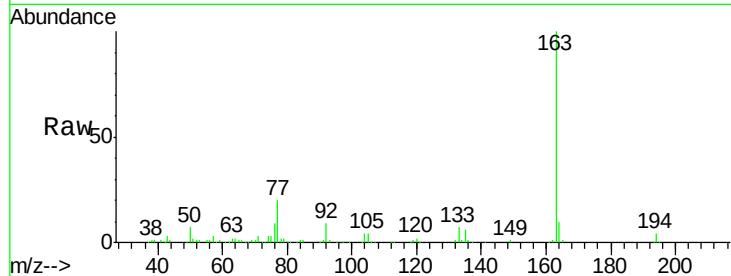
#49
Dimethylphthalate
Concen: 7.074 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampled :
SP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	158803		
194	3.6		2.7	4.1
164	10.3		8.2	12.2

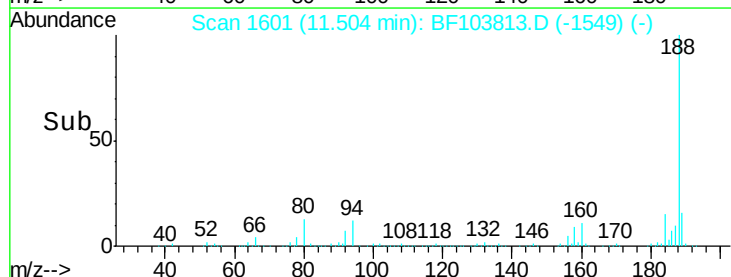
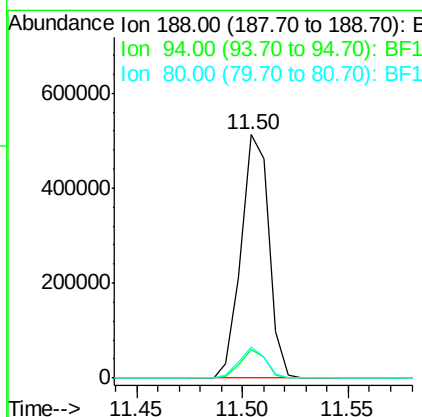
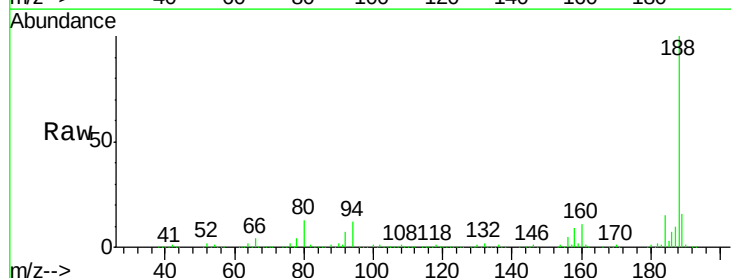
Manual Integrations
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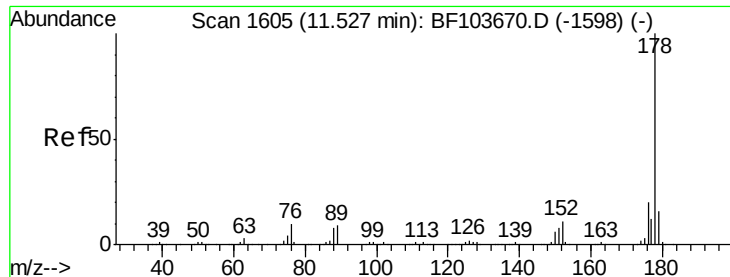
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	467707		
94	11.6		8.5	12.7
80	12.7		9.2	13.8





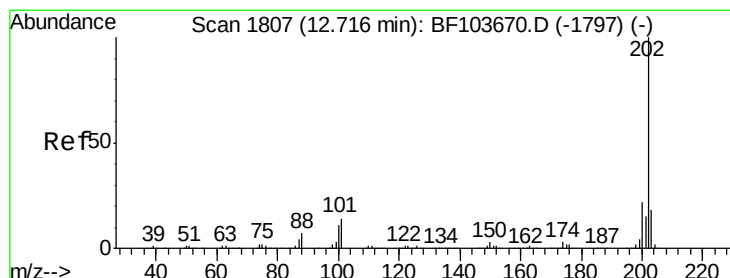
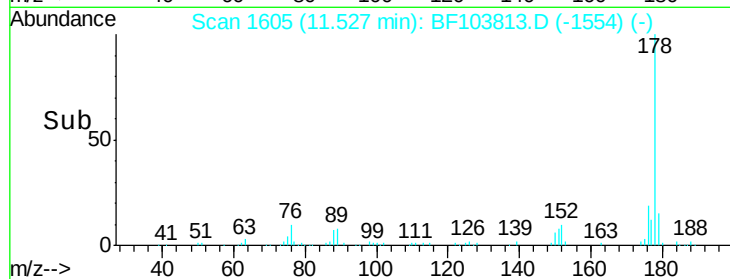
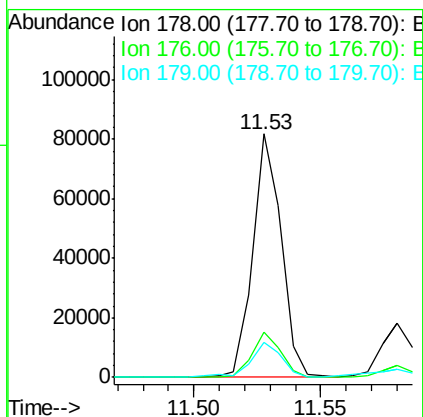
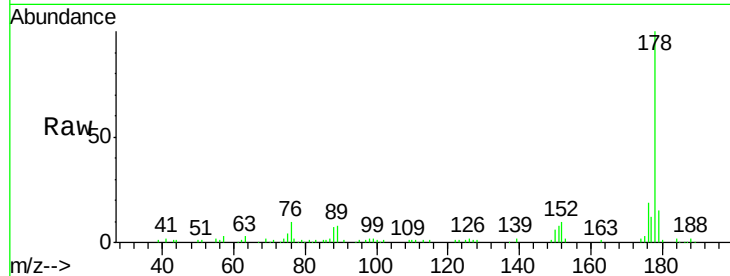
#70
Phenanthrene
Concen: 2.511 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :
SP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.6	13.0	19.6

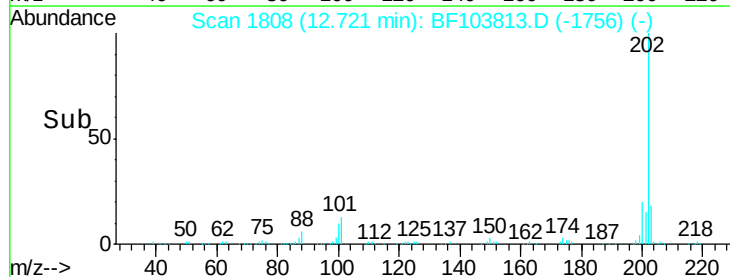
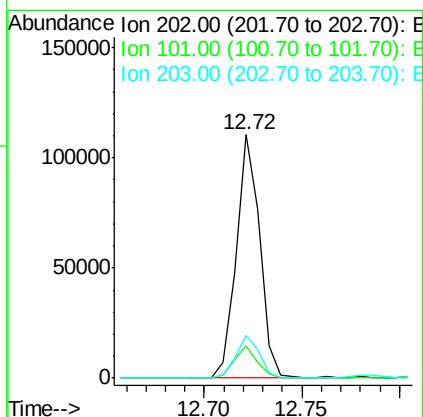
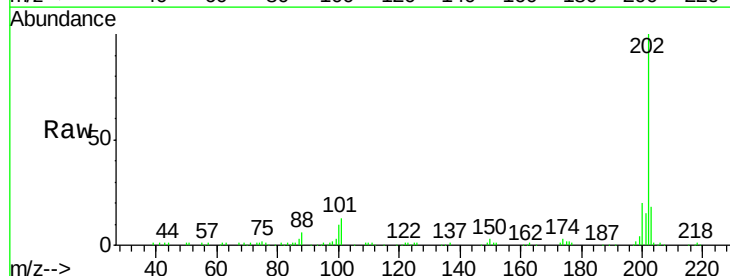
Manual Integrations
APPROVED

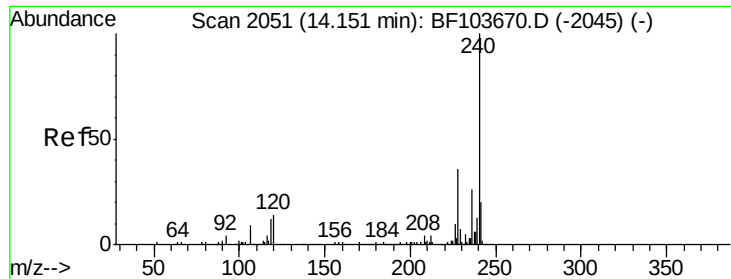
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#74
Fluoranthene
Concen: 3.484 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103813.D

Acq: 20 Mar 2018 20:10

Instrument :

BNA_F

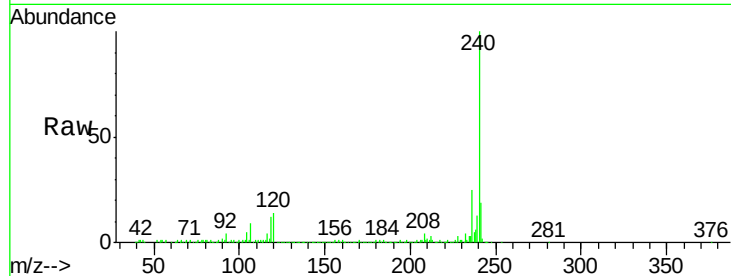
ClientSampleId :

SP

Tot Ion:	240	Resp:	291726
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	24.8	20.7	31.1

Manual Integrations
APPROVED

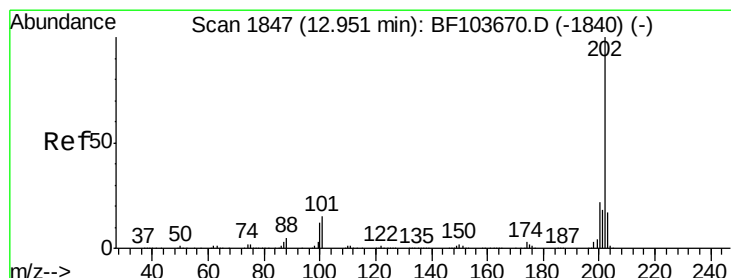
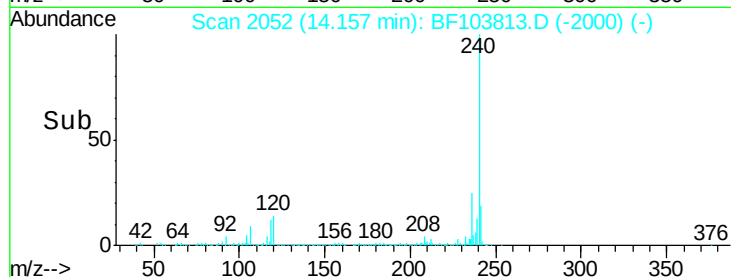
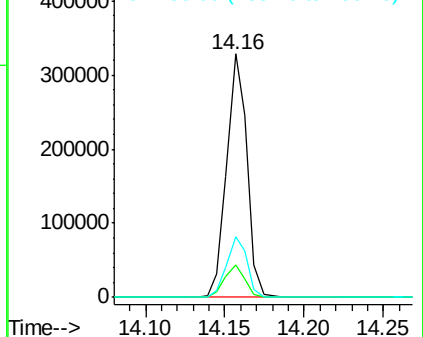
Sohil
3/22/2018 12:57:43 PM



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: 3.658 ng

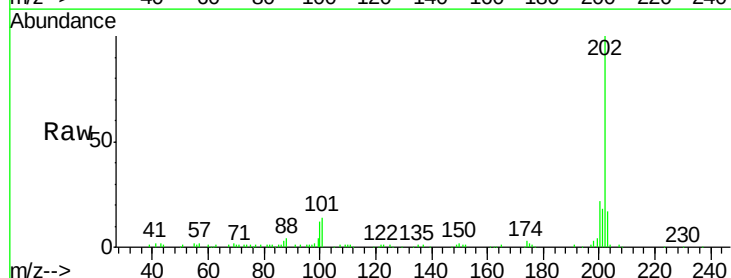
RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103813.D

Acq: 20 Mar 2018 20:10

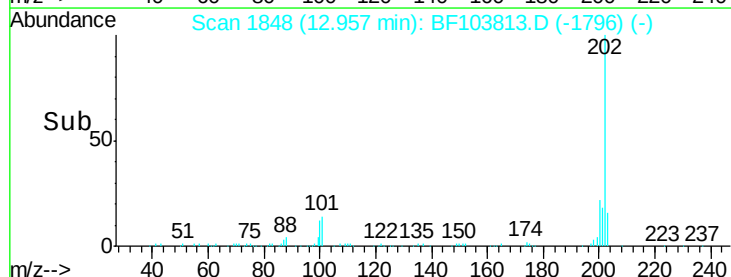
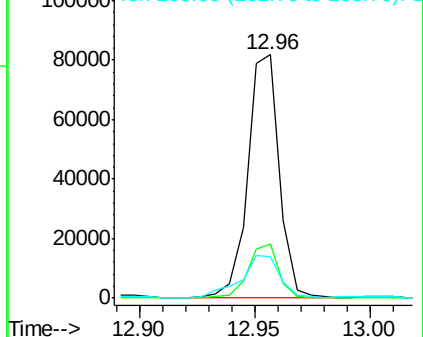
Tgt Ion:	202	Resp:	78359
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	16.8	14.3	21.5

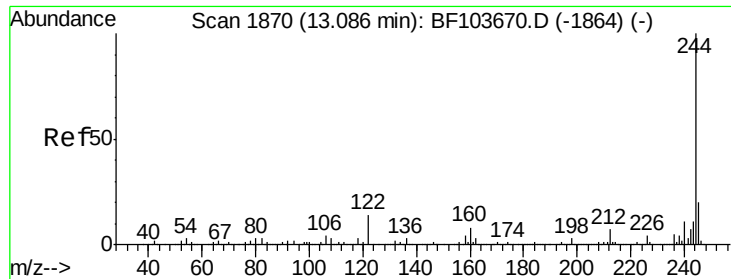


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





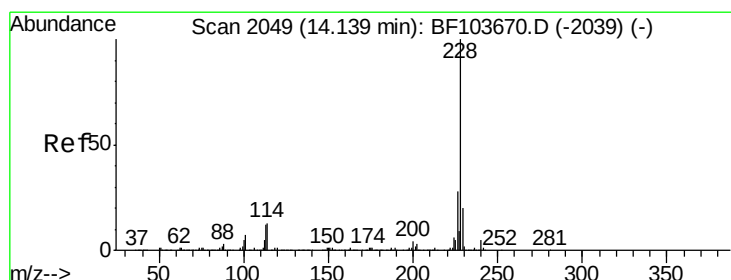
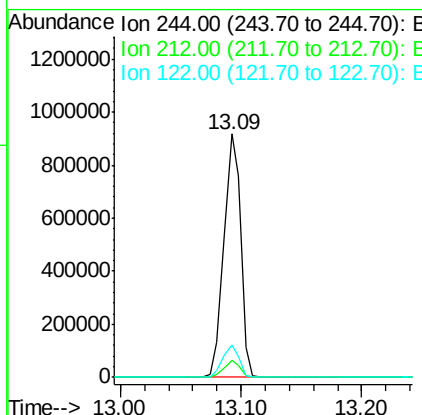
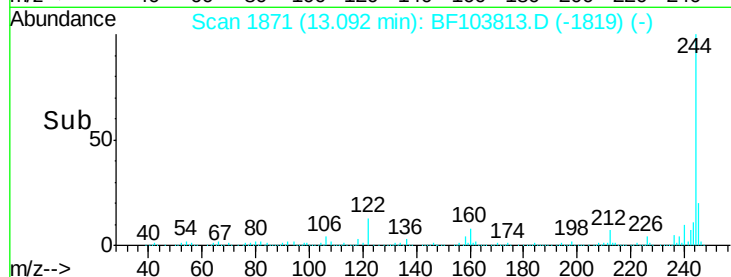
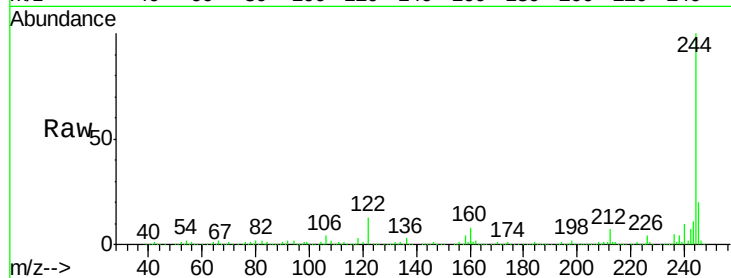
#78
 Terphenyl-d14
 Concen: 69.745 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103813.D
 Acq: 20 Mar 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.5	11.0	16.4

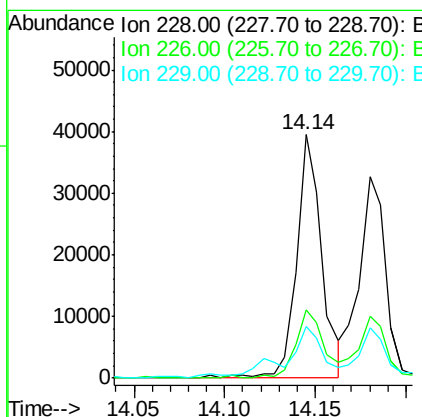
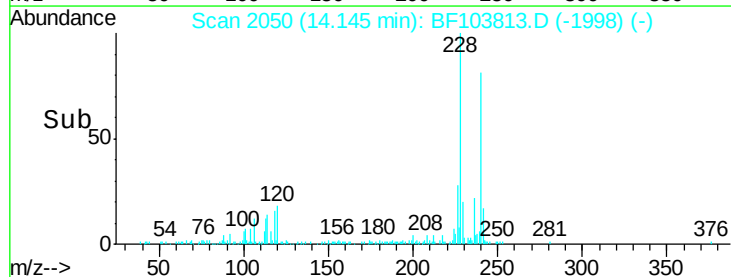
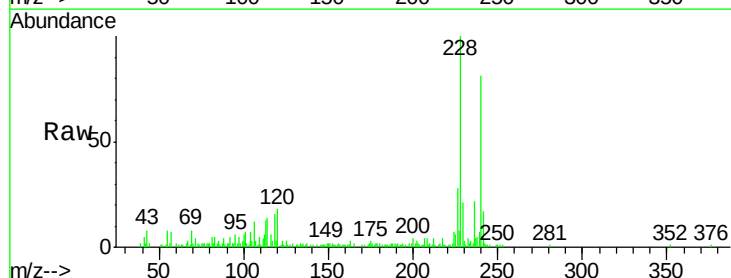
Manual Integrations
 APPROVED

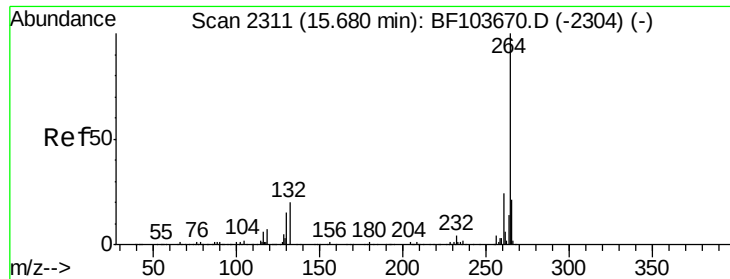
Sohil
 3/22/2018 12:57:43 PM



#80
 Benzo(a)anthracene
 Concen: 2.090 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF103813.D
 Acq: 20 Mar 2018 20:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.0	15.8	23.6





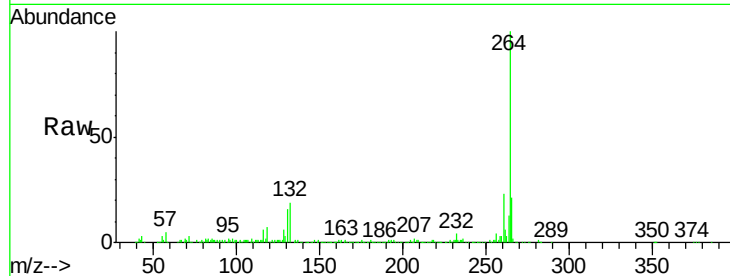
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampled :
SP

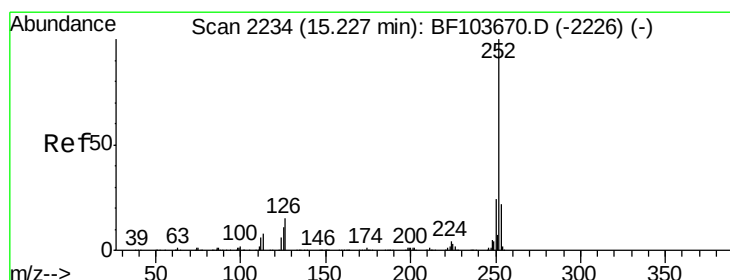
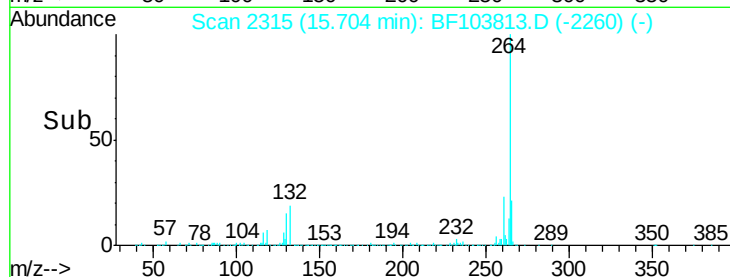
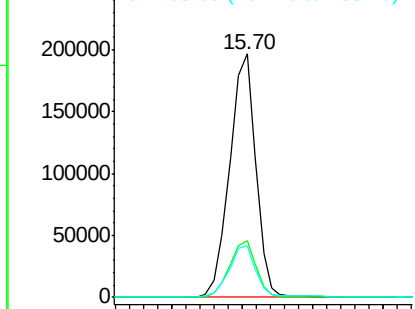
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3

Manual Integrations
APPROVED

Sohil
3/22/2018 12:57:43 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.467 ng m
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	16.4	9.0	13.6#

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

