

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110424.D
 Acq On : 2 Nov 2018 20:57
 Operator : JU/SJ
 Sample : J5767-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-C

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:47 AM

Quant Time: Nov 03 00:40:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87960	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	353314	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	141755	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	214044	20.00	ng	0.00
76) Chrysene-d12	14.13	240	171836	20.00	ng	0.00
87) Perylene-d12	15.66	264	127472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	127748	23.65	ng	0.00
7) Phenol-d6	6.57	99	163375	23.65	ng	-0.01
23) Nitrobenzene-d5	7.52	82	95620	16.05	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	23083	16.44	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	171272	18.97	ng	0.00
79) Terphenyl-d14	13.06	244	114083	13.81	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.70	163	25931	2.478	ng	98
71) Phenanthrene	11.51	178	31355	2.800	ng	97
75) Fluoranthene	12.70	202	55982	4.925	ng	99
78) Pyrene	12.93	202	53582	4.349	ng	97
81) Benzo(a)anthracene	14.12	228	32543	3.194	ng	96
83) Chrysene	14.16	228	29367	3.034	ng	96
88) Benzo(b)fluoranthene	15.20	252	31422m	4.269	ng	
90) Benzo(a)pyrene	15.59	252	21435	3.165	ng	# 91
92) Benzo(g,h,i)perylene	17.69	276	12710	2.207	ng	# 92

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

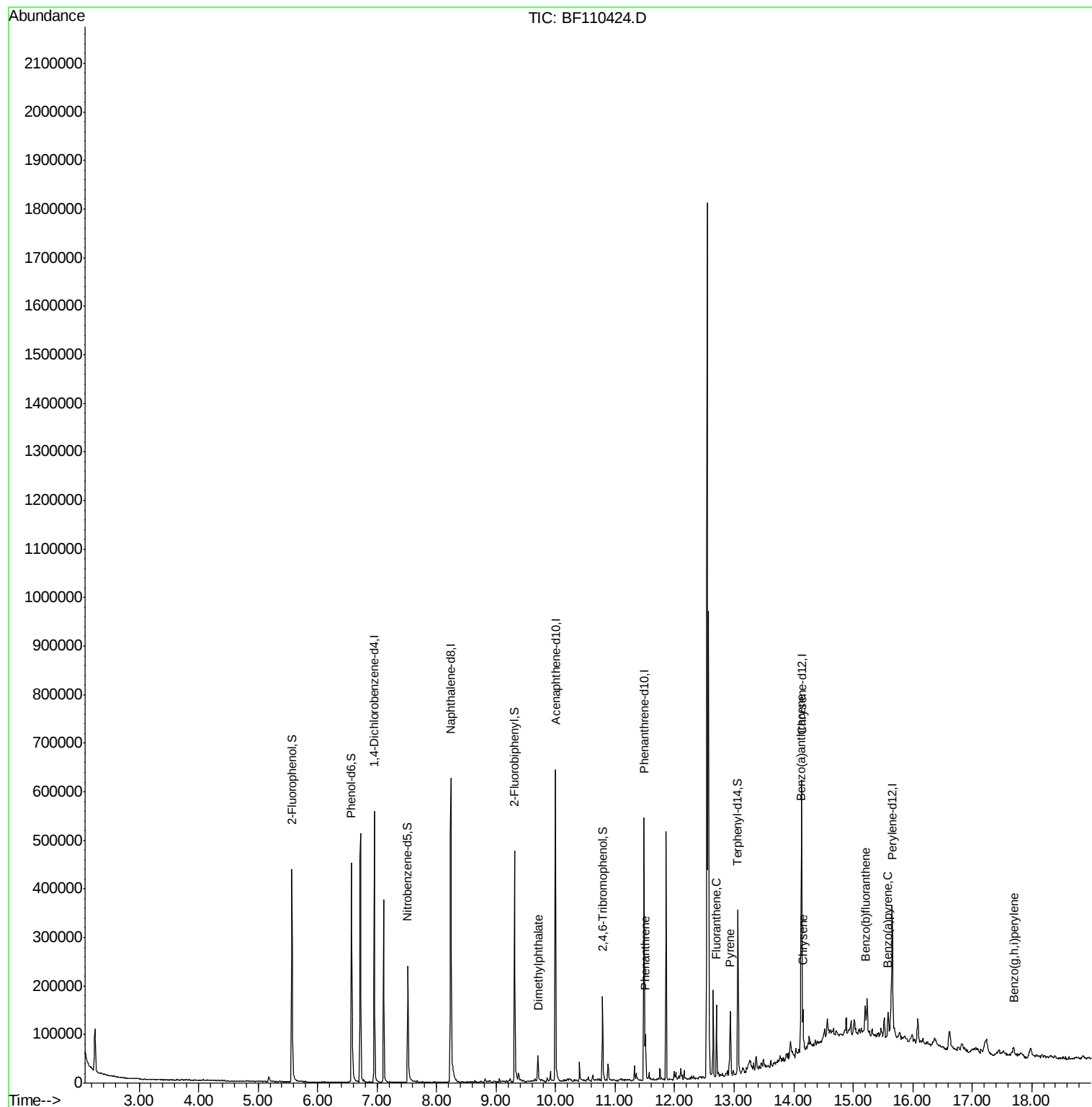
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110424.D
Acq On : 2 Nov 2018 20:57
Operator : JU/SJ
Sample : J5767-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

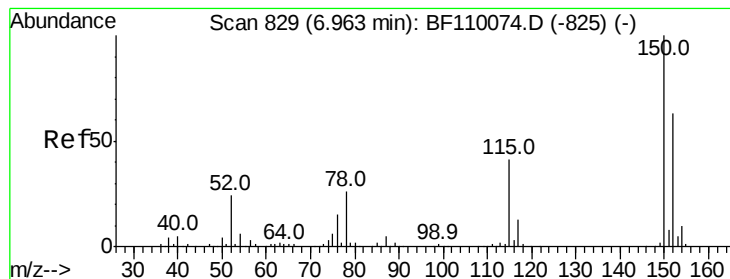
Instrument :
BNA_F
ClientSampleId :
CL-02-110118-C

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:47 AM

Quant Time: Nov 03 00:40:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration





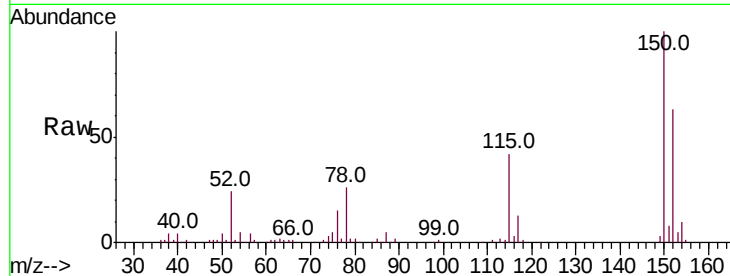
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110424.D
 Acq: 2 Nov 2018 20:57

Instrument :
 BNA_F
 ClientSampleID :
 CL-02-110118-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	66.0	49.1	73.7

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:47 AM

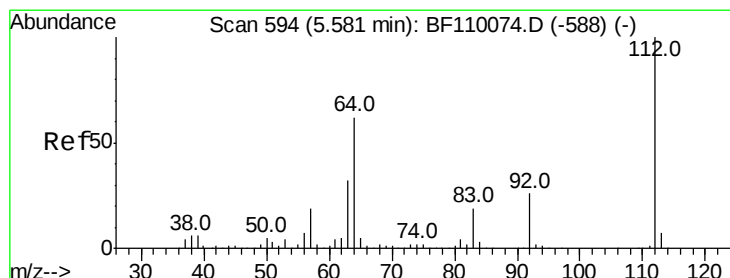
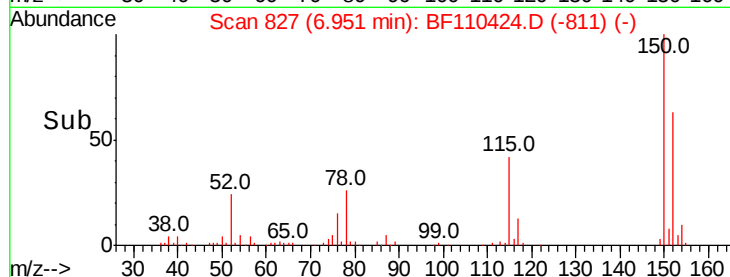
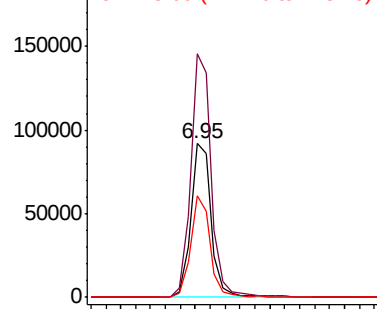


Abundance

Ion 152.00 (151.70 to 152.70): E

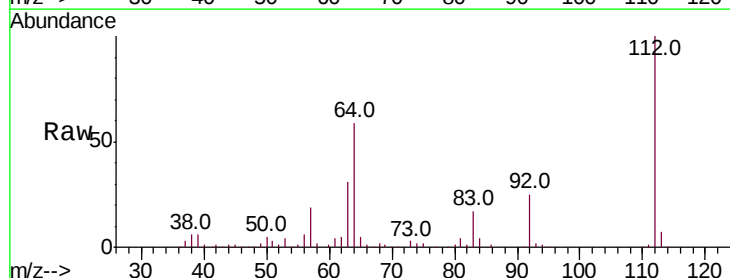
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 23.651 ng
 RT: 5.57 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF110424.D
 Acq: 2 Nov 2018 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	31.4	23.7	35.5

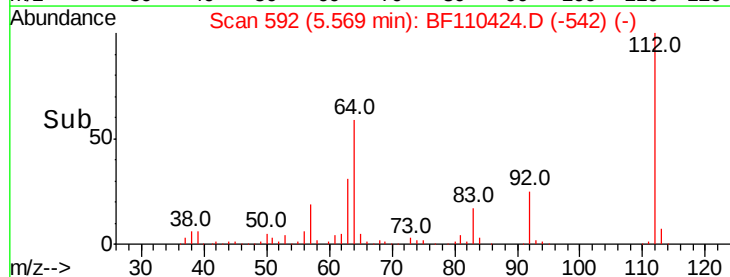
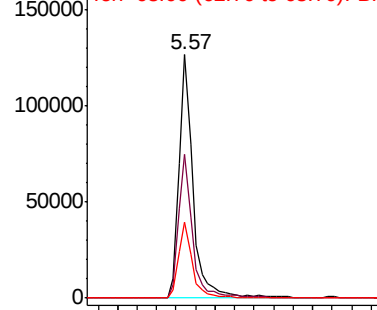


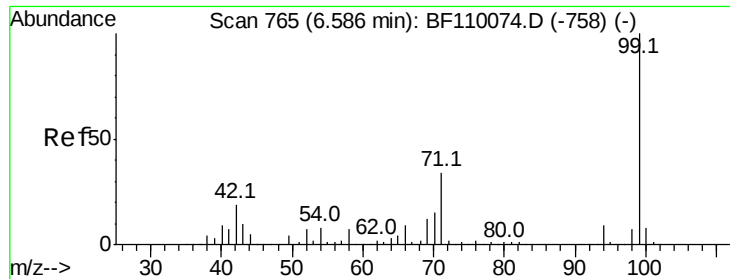
Abundance

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: 23.647 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110424.D

Acq: 2 Nov 2018 20:57

Instrument :

BNA_F

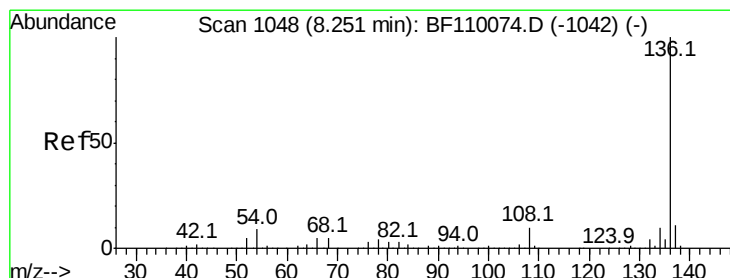
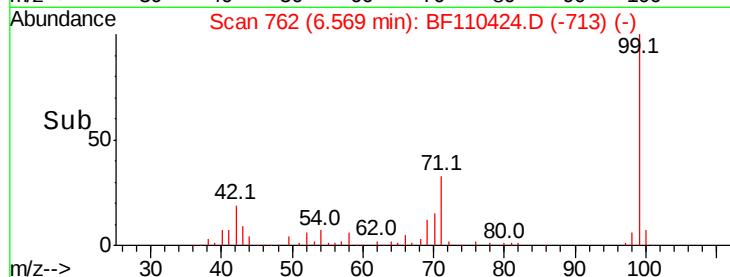
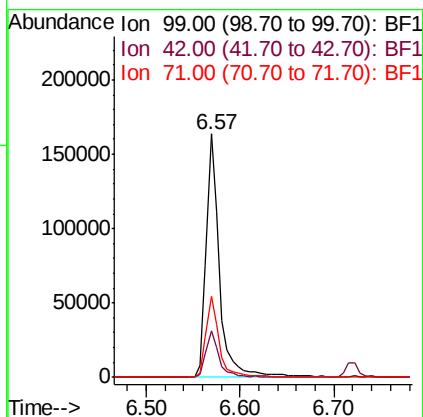
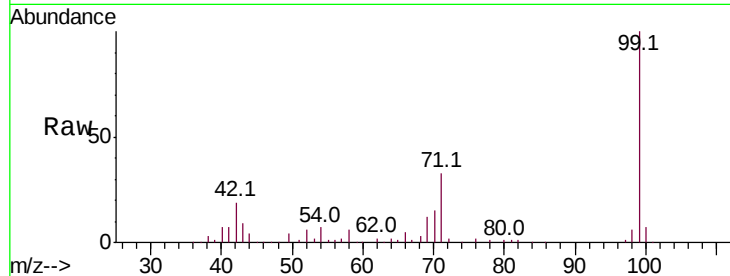
ClientSampleId :

CL-02-110118-C

Tot Ion:	99	Resp:	163375
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	33.4	28.0	42.0

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:47 AM



#21

Naphthalene-d8

Concen: 20.000 ng

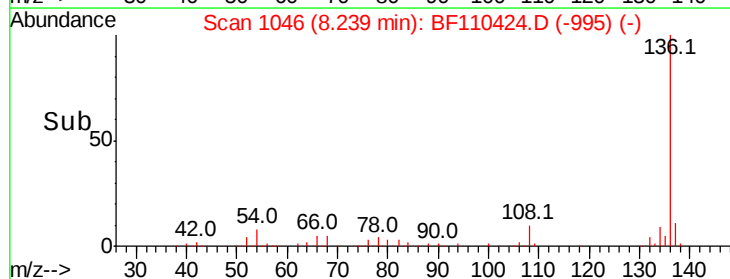
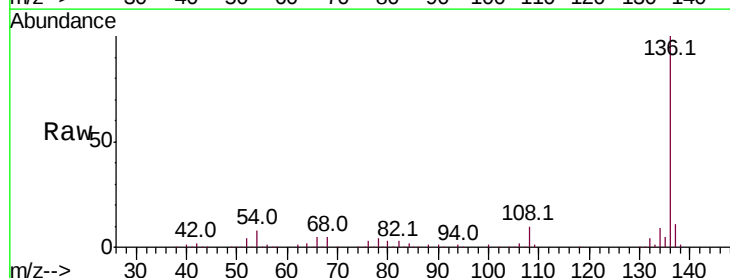
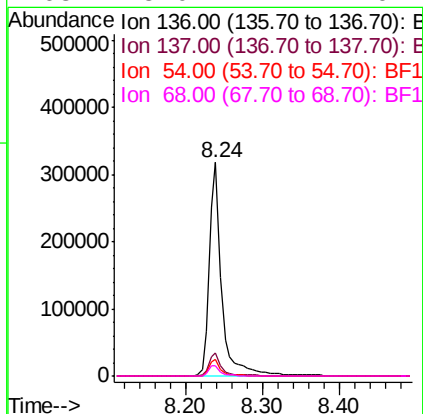
RT: 8.24 min Scan# 1046

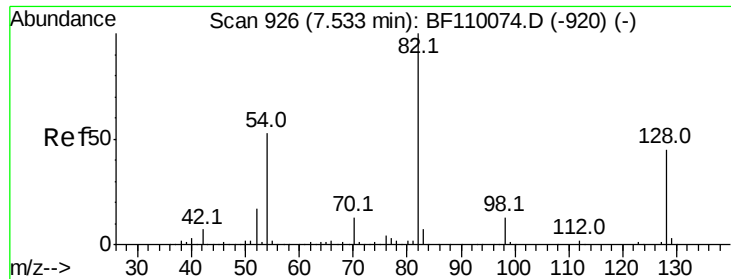
Delta R.T. -0.00 min

Lab File: BF110424.D

Acq: 2 Nov 2018 20:57

Tgt Ion:	136	Resp:	353314
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	5.4	8.2
68	5.0	4.2	6.2





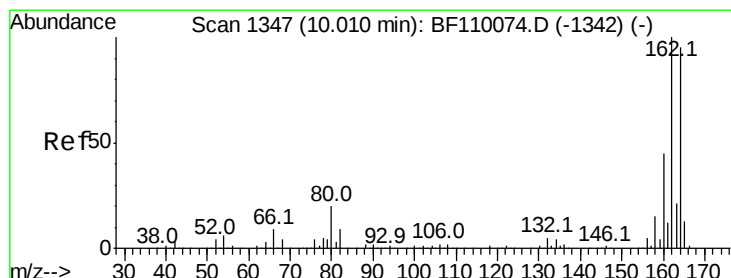
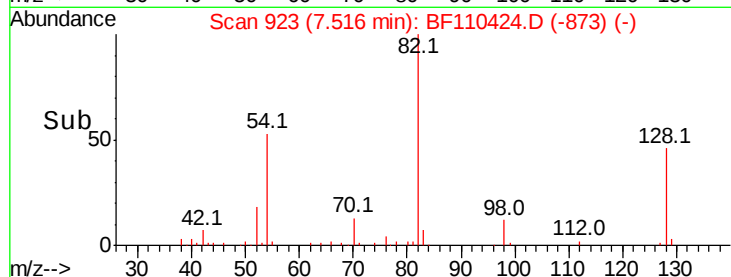
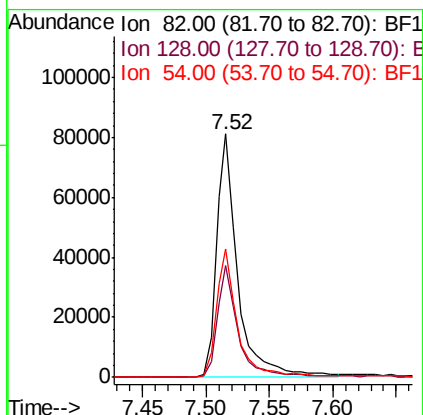
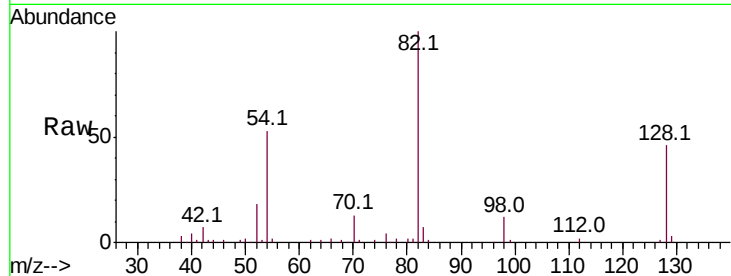
#23
 Nitrobenzene-d5
 Concen: 16.052 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110424.D
 Acq: 2 Nov 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	52.7	38.6	58.0

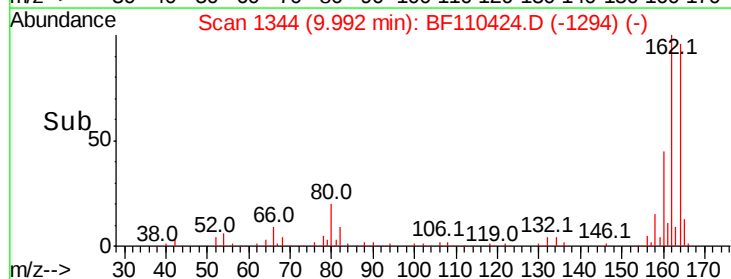
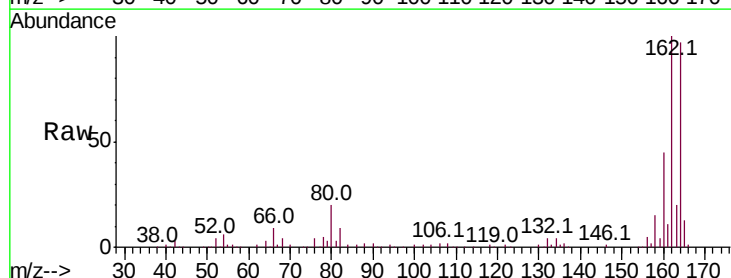
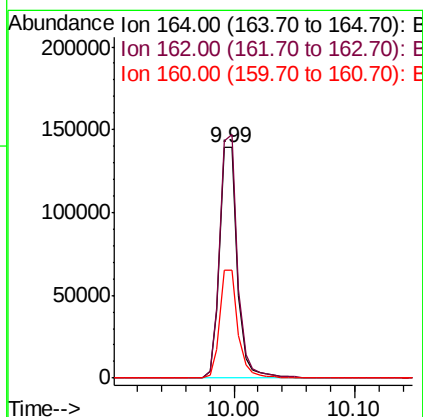
Manual Integrations
 APPROVED

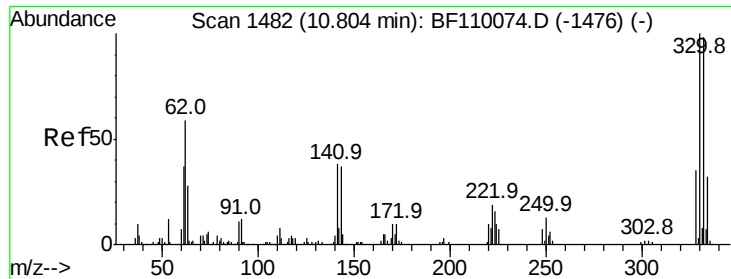
Sohil
 11/5/2018 10:32:47 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF110424.D
 Acq: 2 Nov 2018 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.6	37.0	55.6





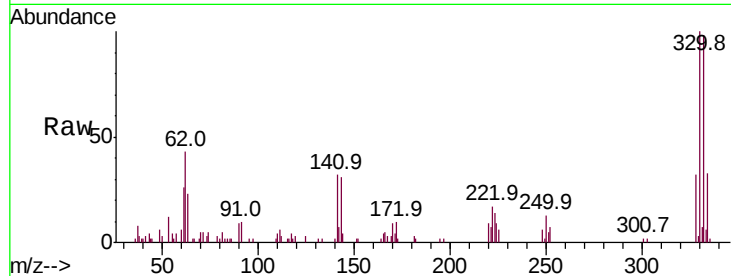
#42
 2,4,6-Tribromophenol
 Concen: 16.439 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF110424.D
 Acq: 2 Nov 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	38.7	27.0	40.4

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:47 AM

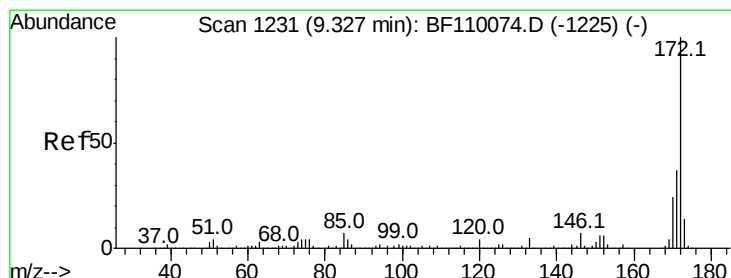
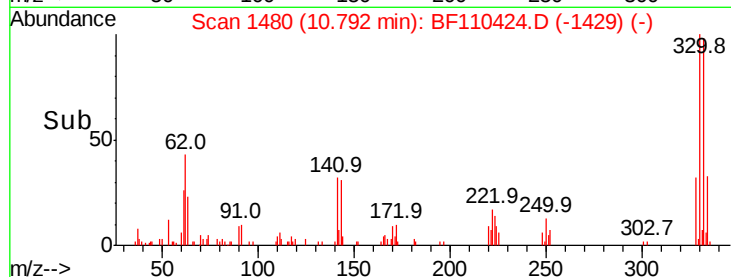
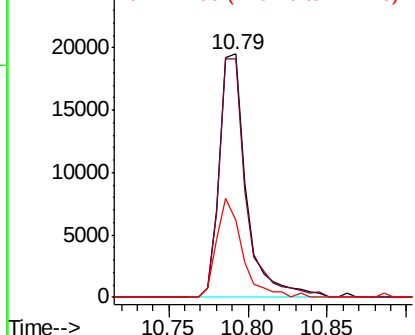


Abundance

Ion 329.80 (329.50 to 330.50): E

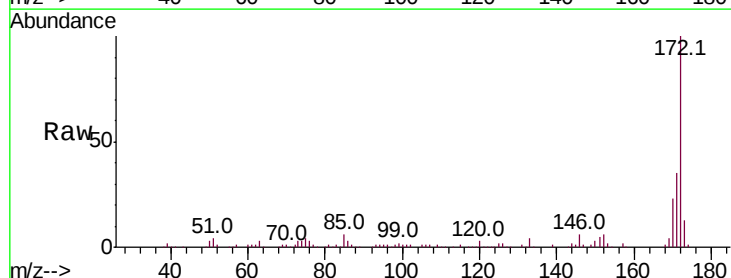
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 18.972 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110424.D
 Acq: 2 Nov 2018 20:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	22.7	19.7	29.5

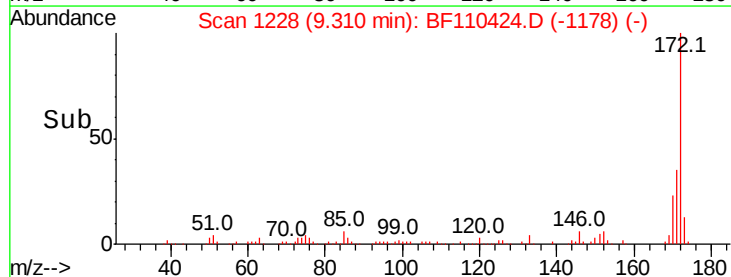
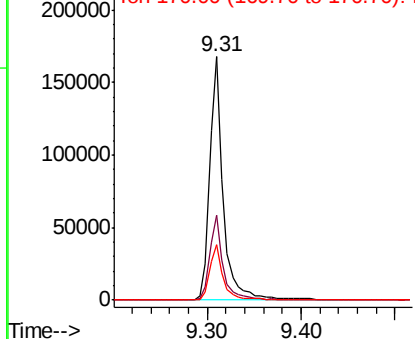


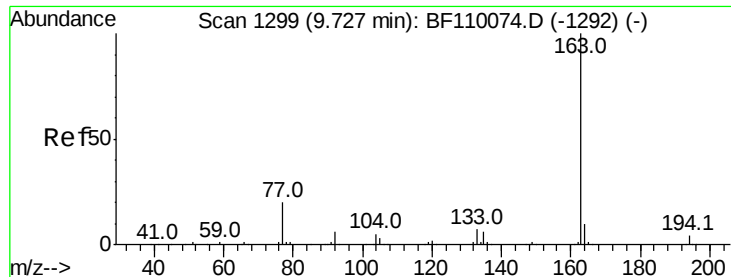
Abundance

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





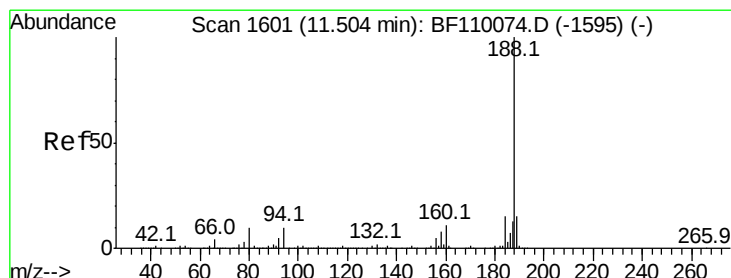
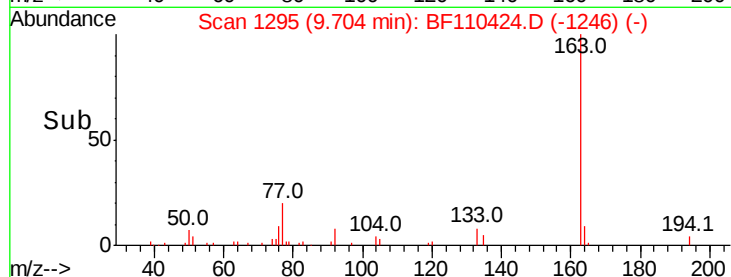
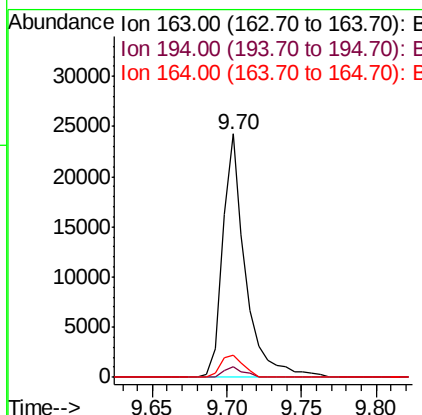
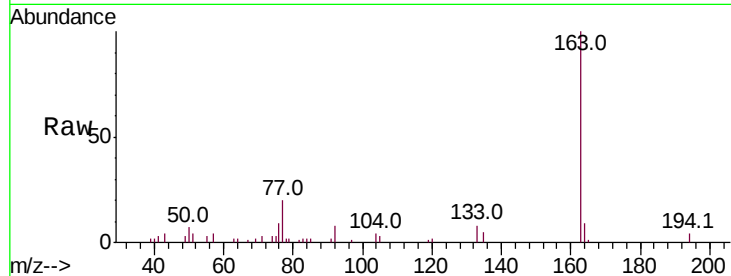
#50
Dimethylphthalate
Concen: 2.478 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	25931		
194	4.1		3.2	4.8
164	9.2		8.1	12.1

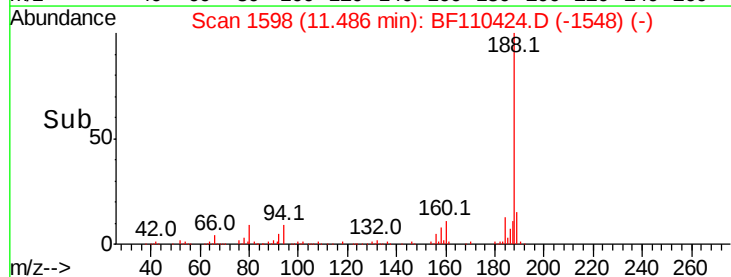
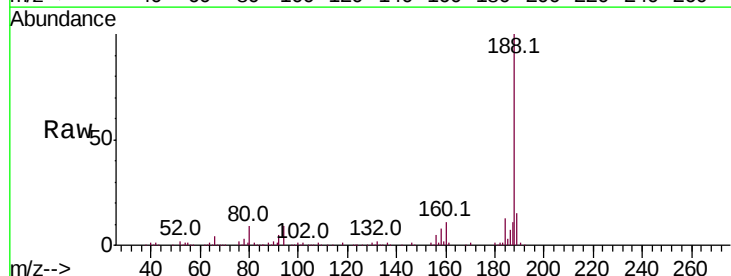
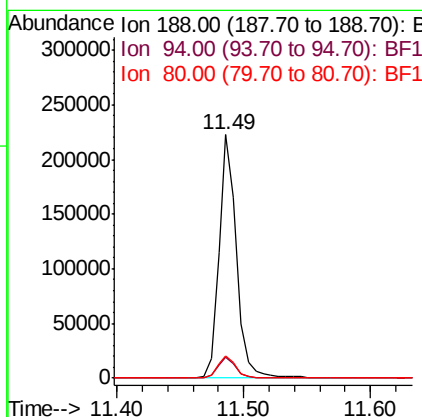
Manual Integrations
APPROVED

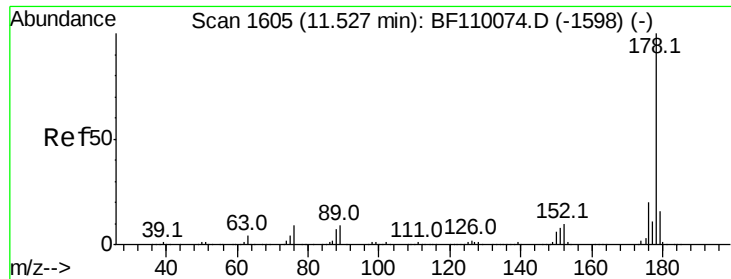
Sohil
11/5/2018 10:32:47 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	214044		
94	8.6		7.2	10.8
80	9.3		7.9	11.9





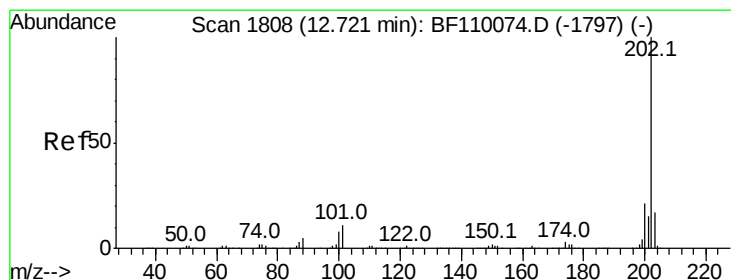
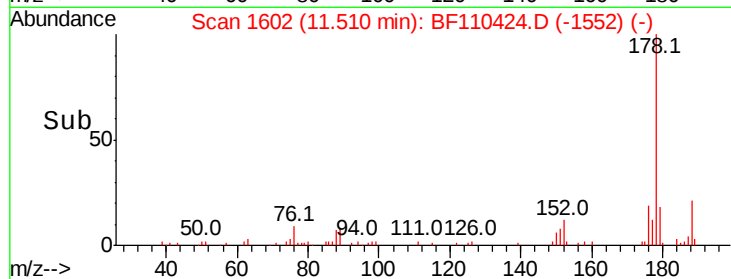
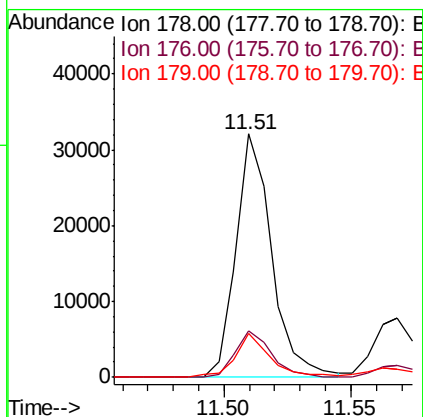
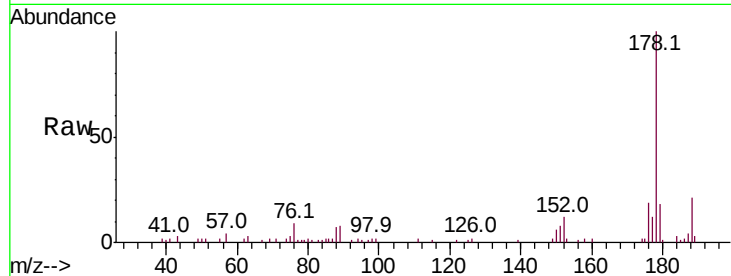
#71
Phenanthrene
Concen: 2.800 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	18.2	12.5	18.7

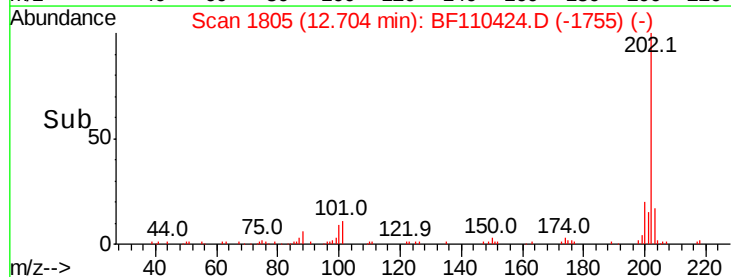
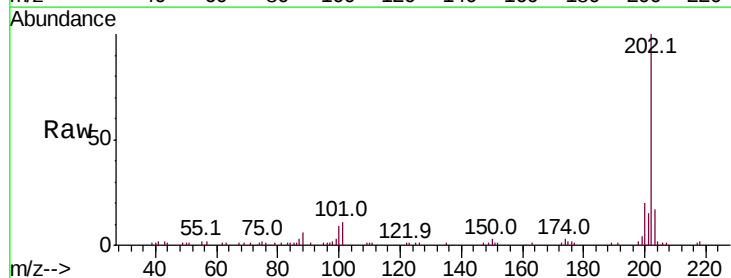
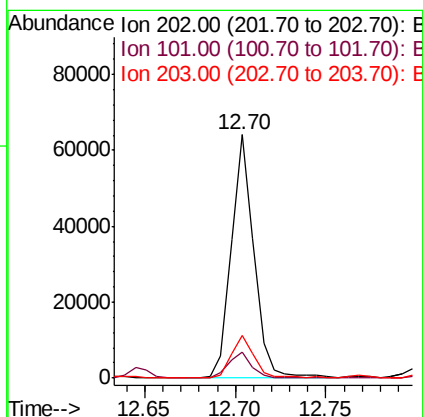
Manual Integrations
APPROVED

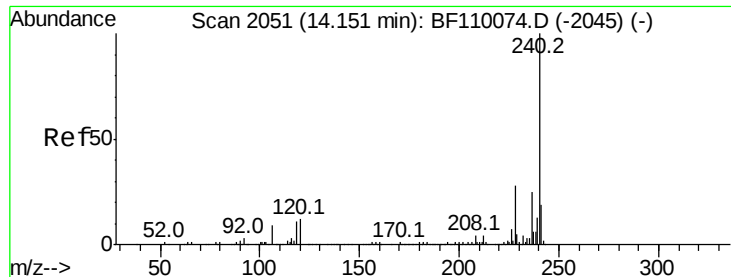
Sohil
11/5/2018 10:32:47 AM



#75
Fluoranthene
Concen: 4.925 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.3	0.0	37.7





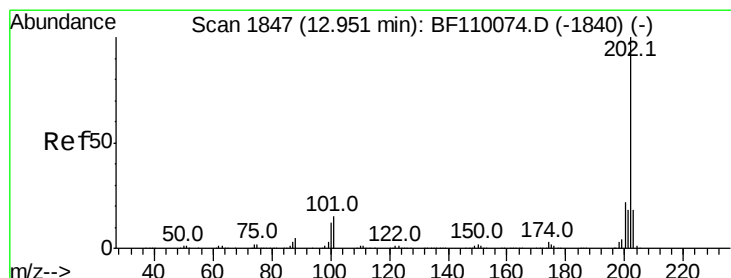
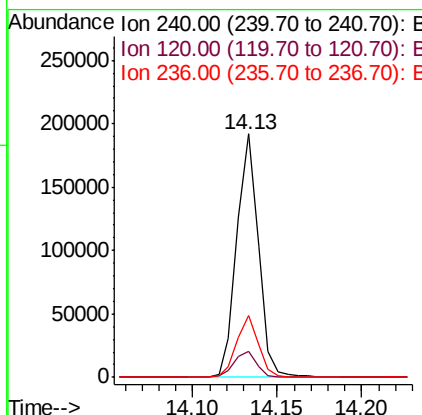
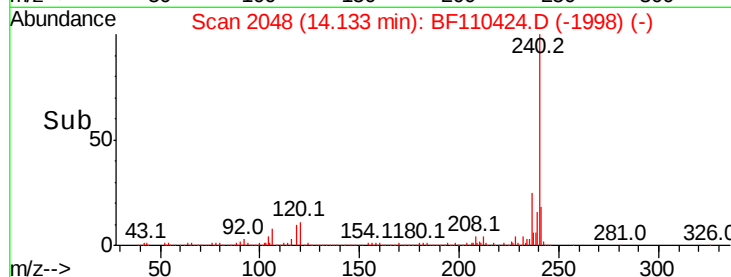
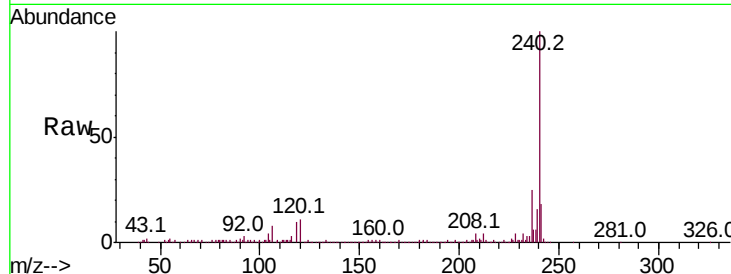
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	25.3	21.2	31.8

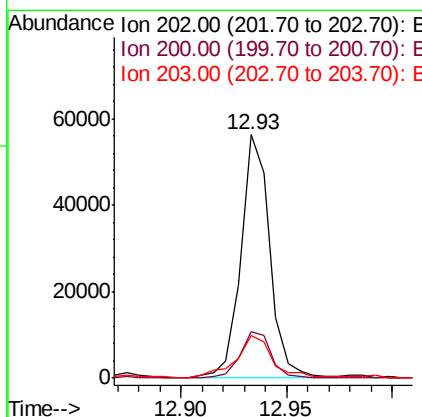
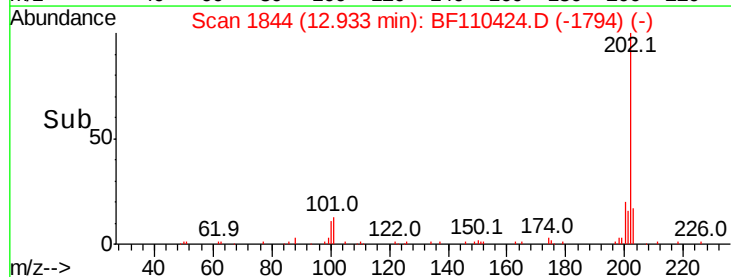
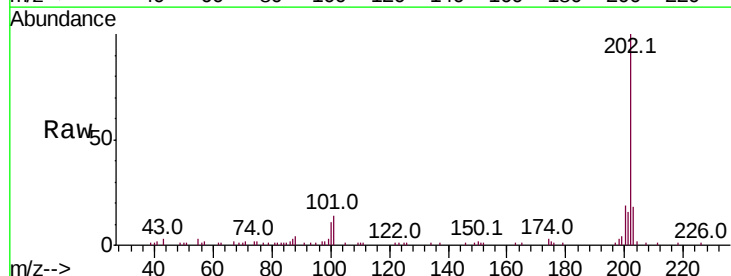
Manual Integrations
APPROVED

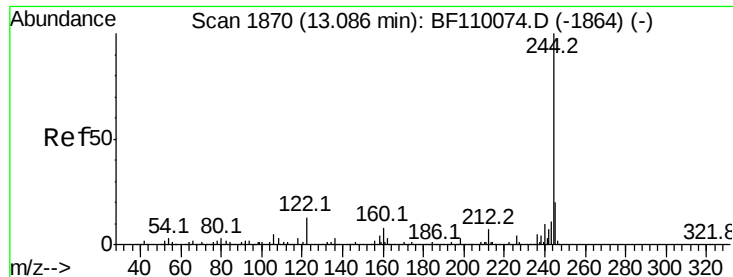
Sohil
11/5/2018 10:32:47 AM



#78
Pyrene
Concen: 4.349 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.8	26.6
203	17.7	14.2	21.4





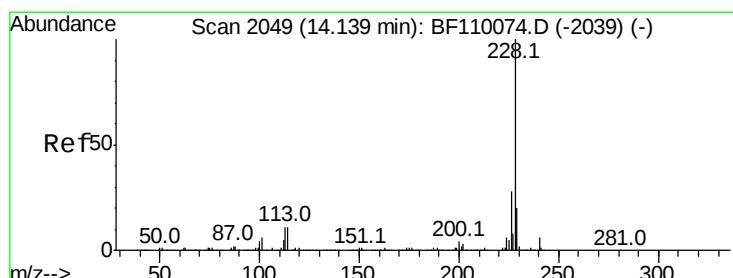
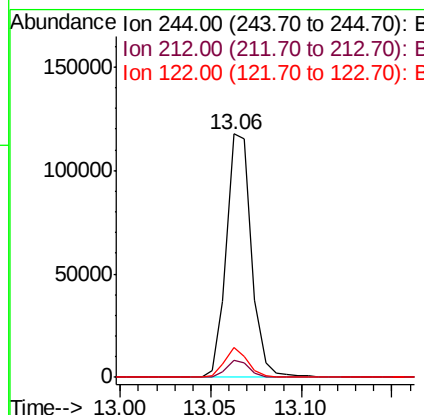
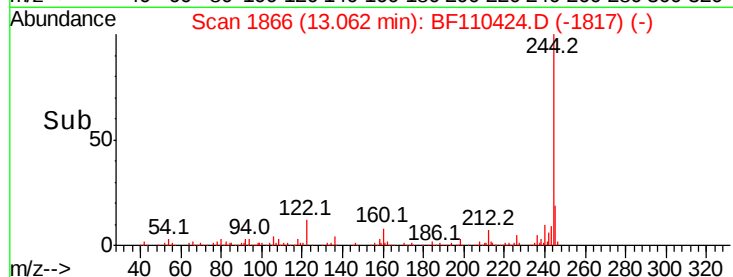
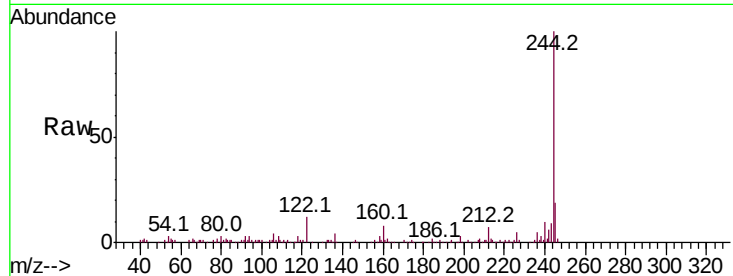
#79
 Terphenyl-d14
 Concen: 13.807 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110424.D
 Acq: 2 Nov 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-C

Tot Ion:	244	Resp:	114083
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	12.4	8.7	13.1

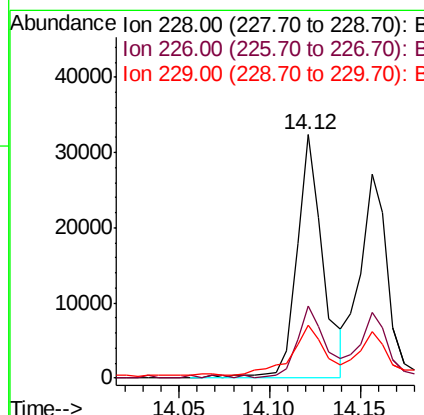
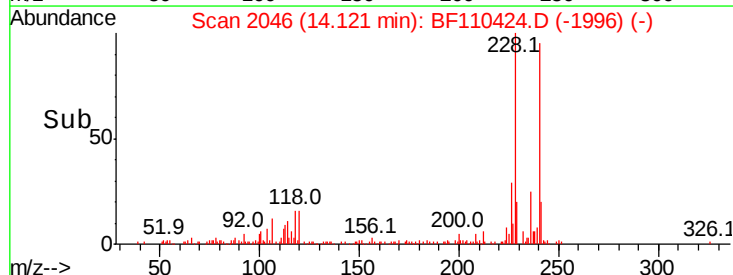
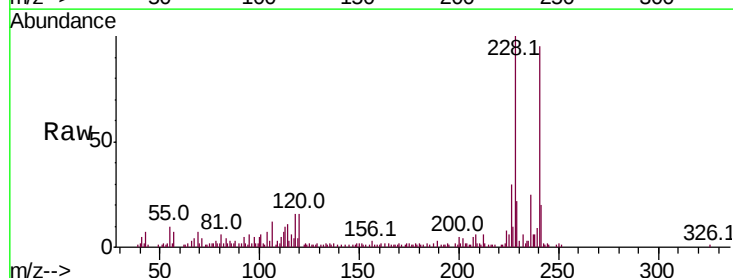
Manual Integrations
 APPROVED

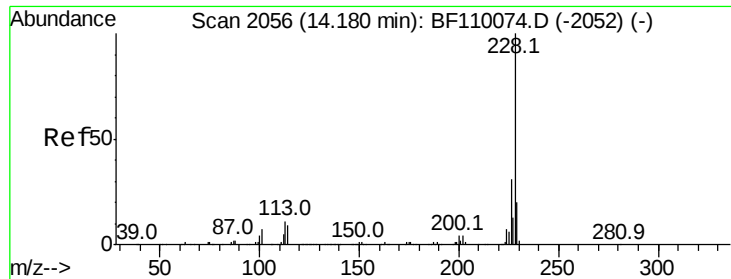
Sohil
 11/5/2018 10:32:47 AM



#81
 Benzo(a)anthracene
 Concen: 3.194 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF110424.D
 Acq: 2 Nov 2018 20:57

Tgt Ion:	228	Resp:	32543
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.1	33.1
229	21.5	15.6	23.4





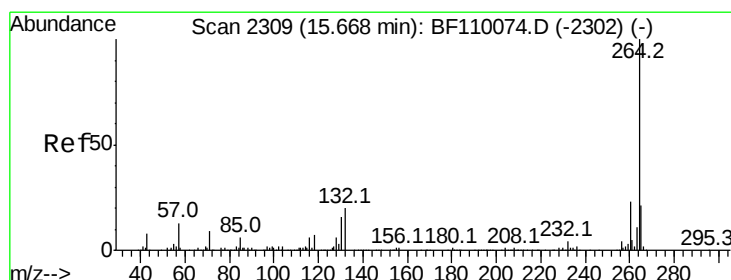
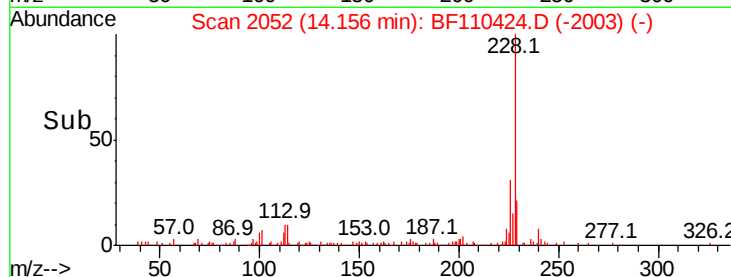
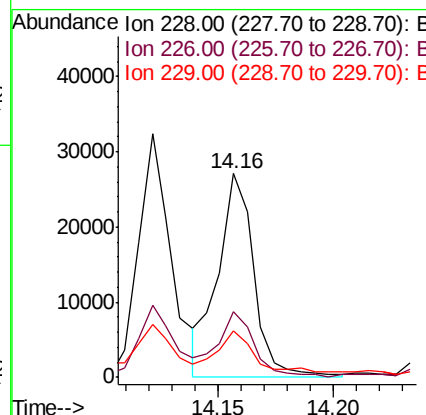
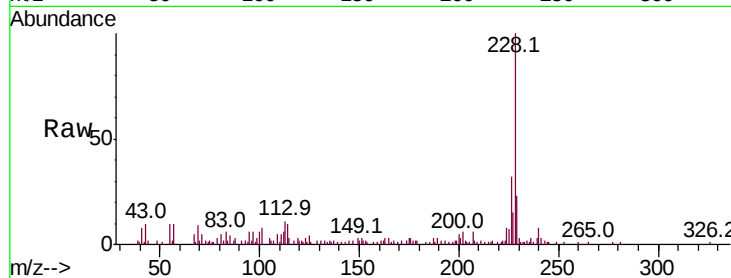
#83
Chrysene
Concen: 3.034 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Instrument :
BNA_F
ClientSampleId :
CL-02-110118-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	23.1	15.9	23.9

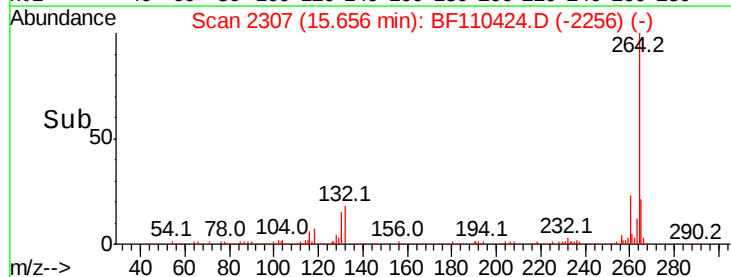
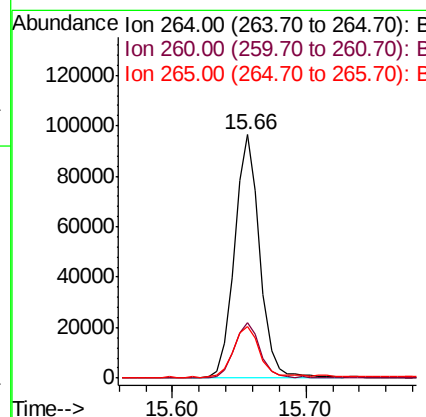
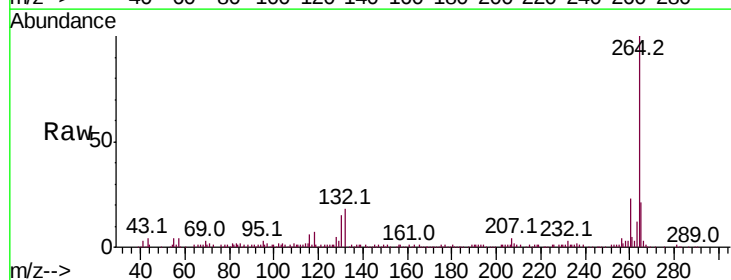
Manual Integrations
APPROVED

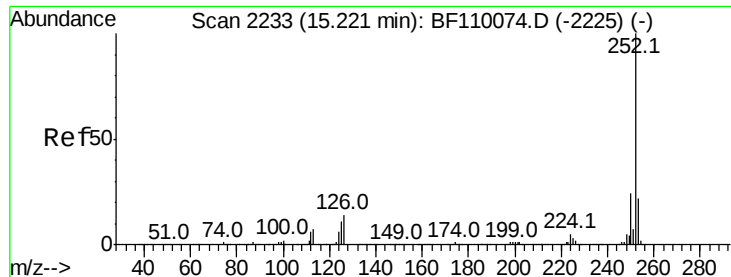
Sohil
11/5/2018 10:32:47 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.2	16.7	25.1





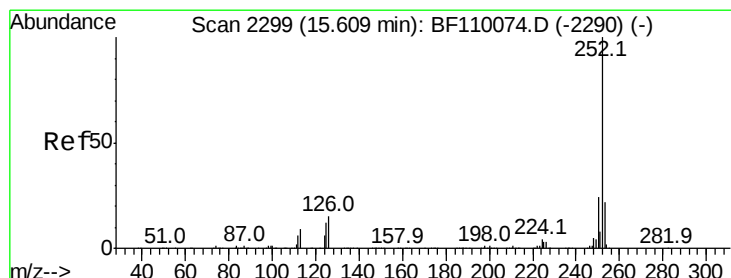
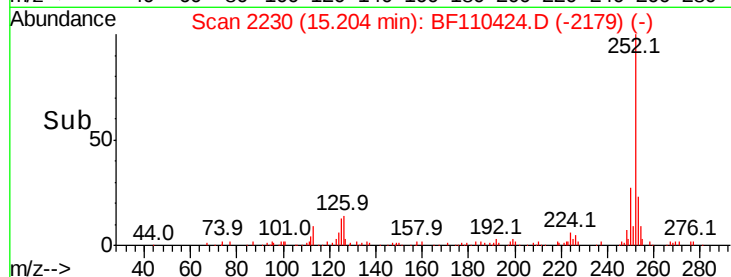
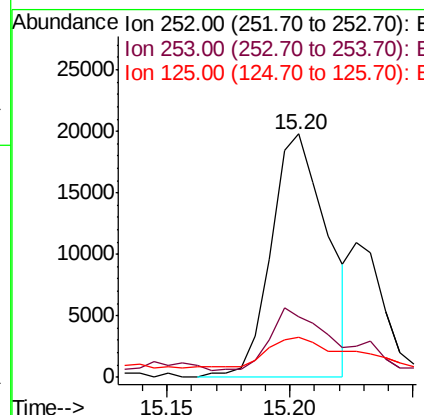
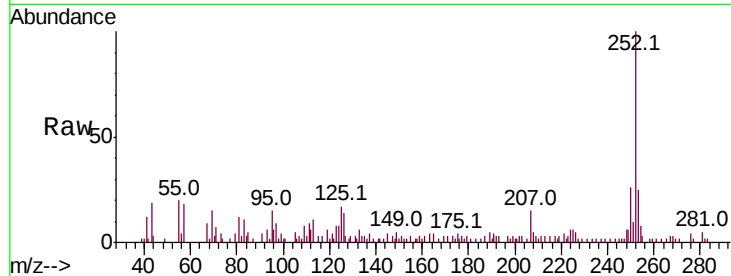
#88
Benzo(b)fluoranthene
Concen: 4.269 ng/mL
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Instrument :
BNA_F
ClientSampleID :
CL-02-110118-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	16.7	8.2	12.4

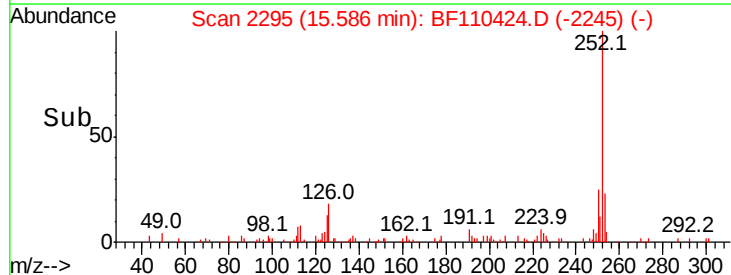
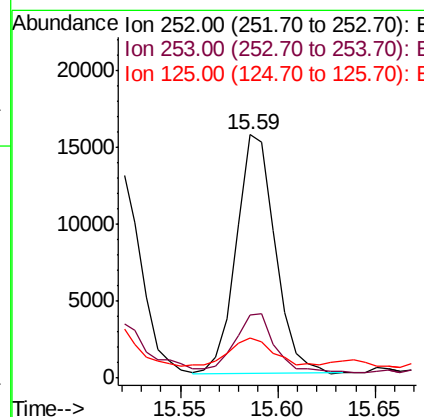
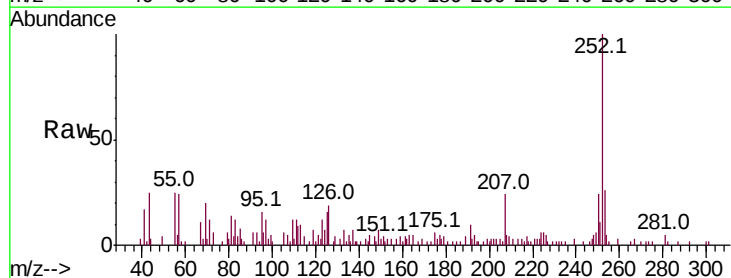
Manual Integrations
APPROVED

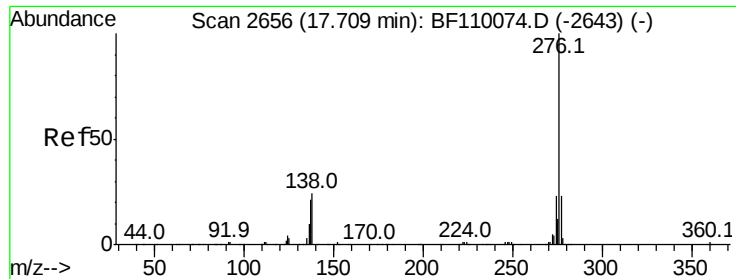
Sohil
11/5/2018 10:32:47 AM



#90
Benzo(a)pyrene
Concen: 3.165 ng/mL
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110424.D
Acq: 2 Nov 2018 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.2	27.4
125	16.5	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.207 ng
 RT: 17.69 min Scan# 2653
 Delta R.T. -0.01 min
 Lab File: BF110424.D
 Acq: 2 Nov 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110118-C

Tot Ion:	276	Resp:	12710
Ion Ratio	Lower	Upper	
276	100		
277	29.4	18.8	28.2#
138	21.9	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:47 AM

