

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110537.D
 Acq On : 7 Nov 2018 1:16
 Operator : JU/SJ
 Sample : J5764-19 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-J

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:54 PM

Quant Time: Nov 07 13:14:18 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	6.96	152	91586	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	342303	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	132736	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	235096	20.00	ng	0.00
76) Chrysene-d12	14.14	240	155466	20.00	ng	0.00
87) Perylene-d12	15.67	264	120830	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	81950	14.57	ng	0.00
7) Phenol-d6	6.57	99	105336	14.64	ng	0.00
23) Nitrobenzene-d5	7.52	82	54916	9.52	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	16716	12.71	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	108993	12.89	ng	0.00
79) Terphenyl-d14	13.07	244	93001	12.44	ng	0.00
Target Compounds						
71) Phenanthrene	11.52	178	56795	4.617	ng	97
75) Fluoranthene	12.71	202	81363	6.517	ng	96
78) Pyrene	12.94	202	69953	6.276	ng	97
81) Benzo(a)anthracene	14.13	228	30836	3.345	ng	94
83) Chrysene	14.17	228	28020m	3.200	ng	
84) Bis(2-ethylhexyl)phthalate	14.09	149	72863	11.142	ng	94
88) Benzo(b)fluoranthene	15.22	252	28374m	4.067	ng	
90) Benzo(a)pyrene	15.60	252	20328	3.166	ng	# 78
92) Benzo(g,h,i)perylene	17.73	276	12038	2.205	ng	# 77

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

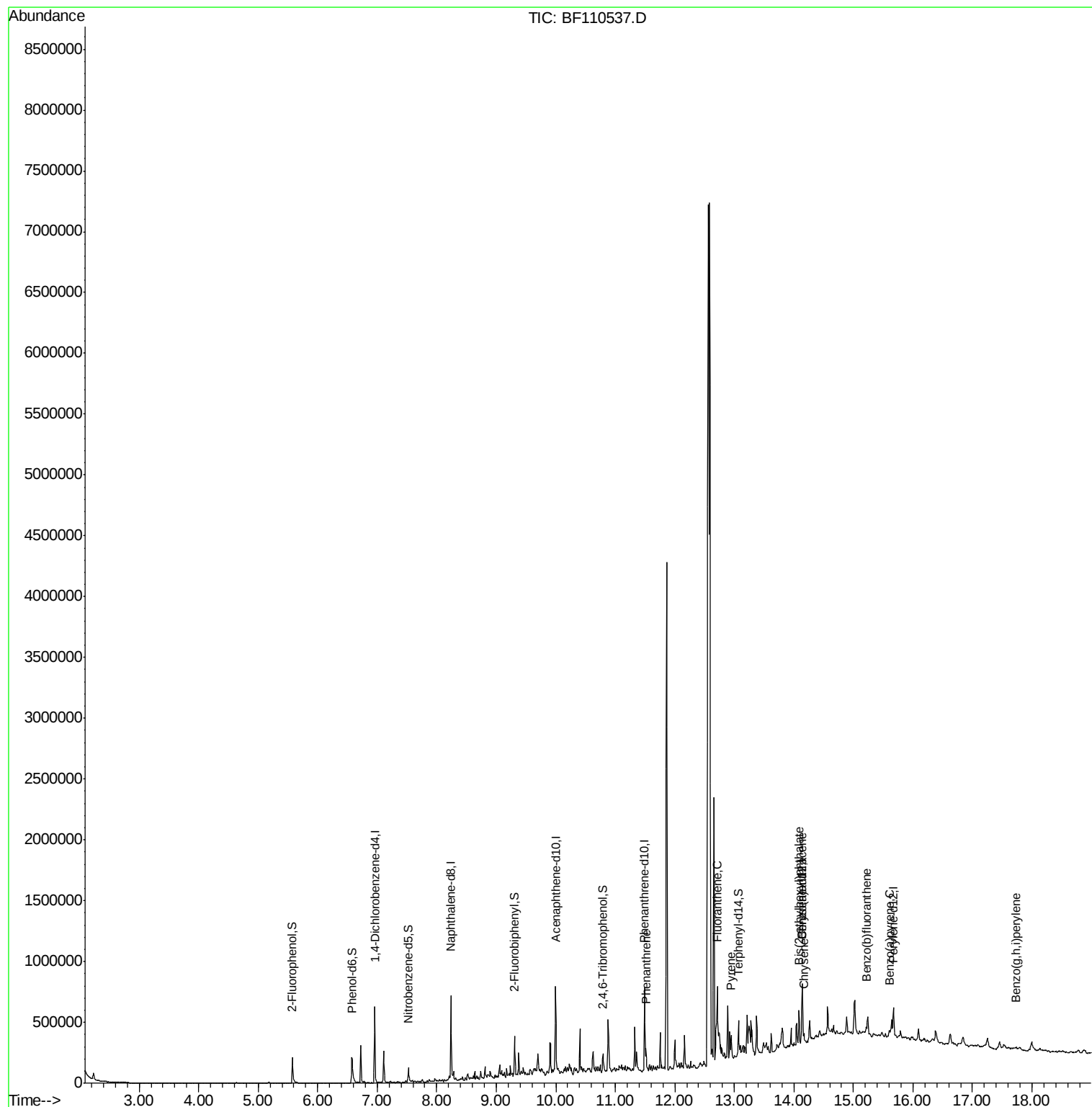
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110537.D
Acq On : 7 Nov 2018 1:16
Operator : JU/SJ
Sample : J5764-19 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-J

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:54 PM

Quant Time: Nov 07 13:14:18 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

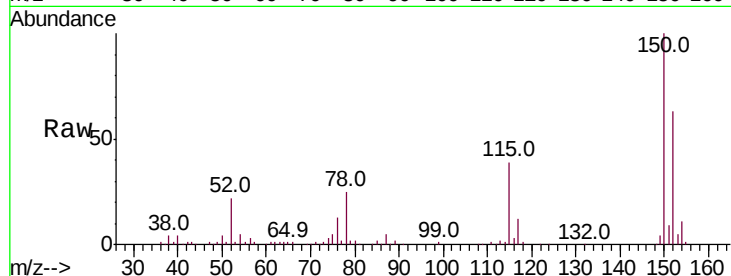
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-J

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	61.3	49.1	73.7

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:54 PM

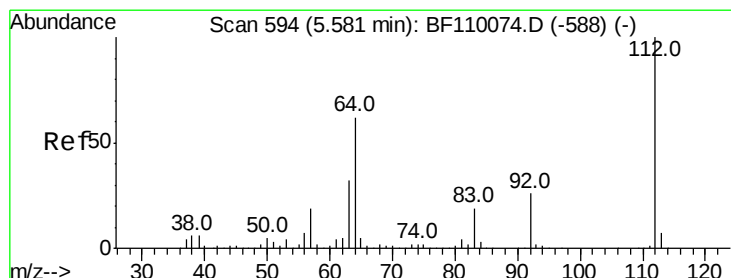
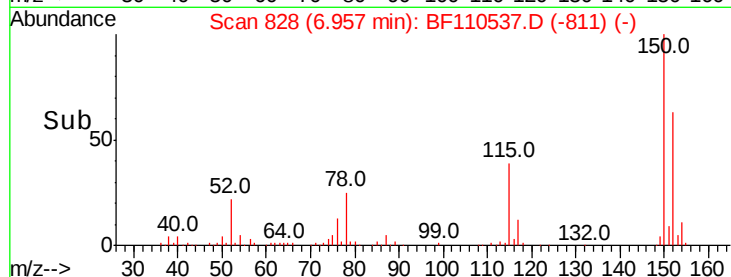
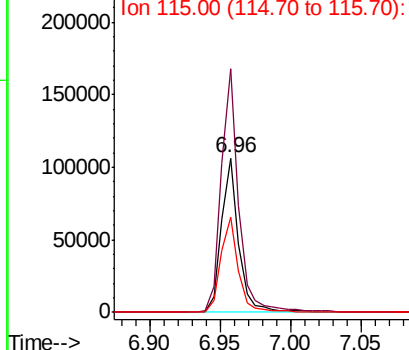


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

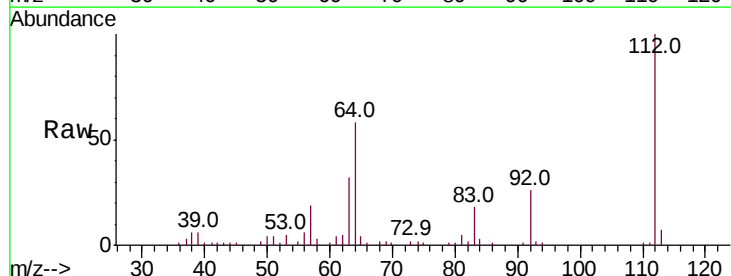
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 14.571 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	32.3	23.7	35.5

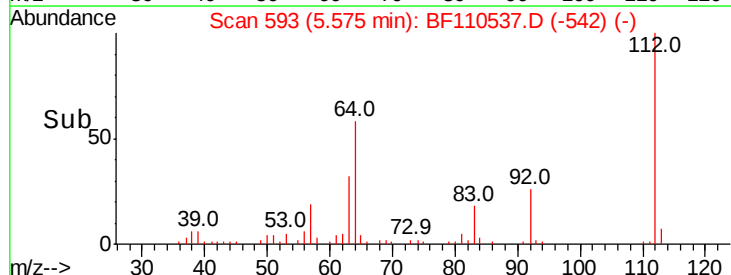
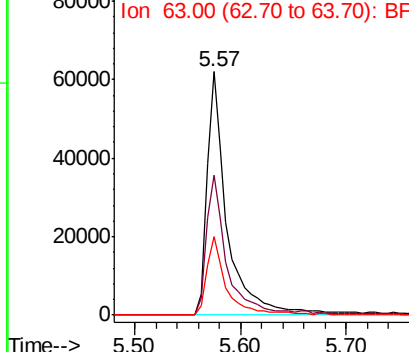


Abundance

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: 14.643 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110537.D

Acq: 7 Nov 2018 1:16

Instrument :

BNA_F

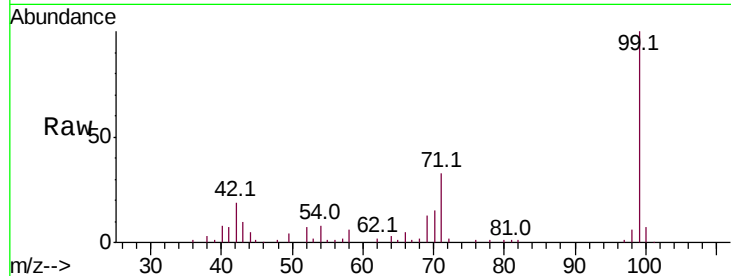
ClientSampleId :

JC-03-110218-J

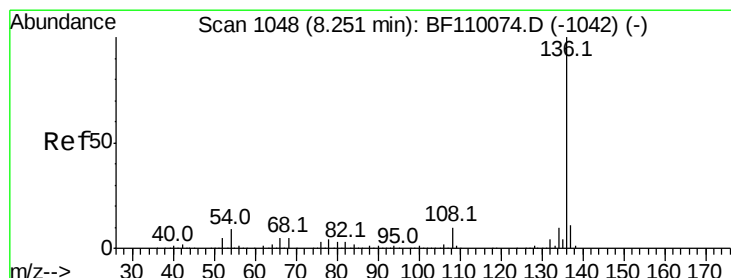
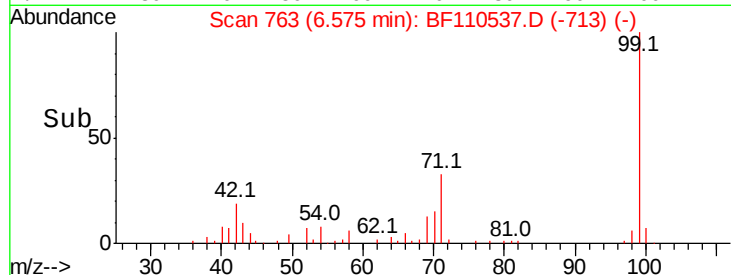
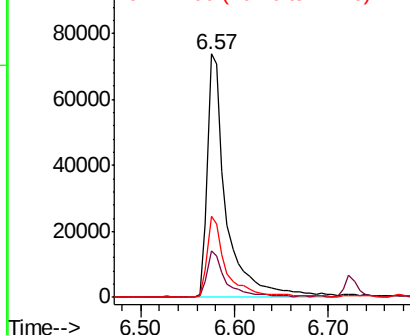
Tot Ion:	99	Resp:	105336
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.8	23.6
71	33.5	28.0	42.0

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:54 PM



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: 8.24 min Scan# 1046

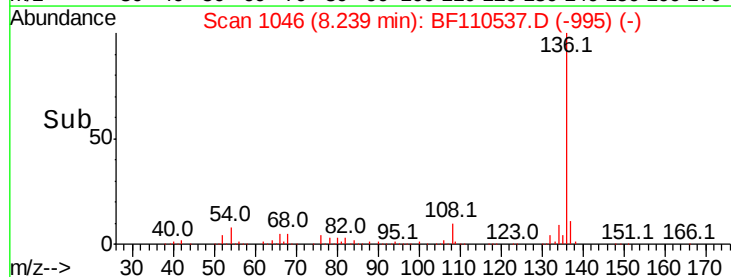
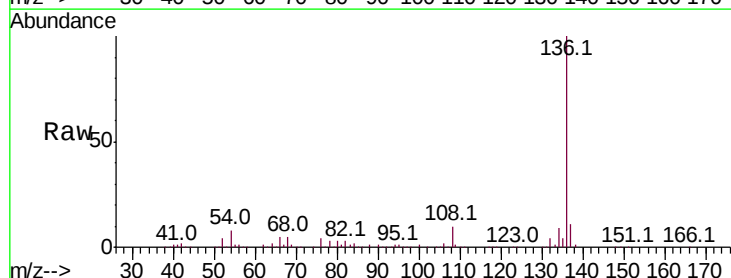
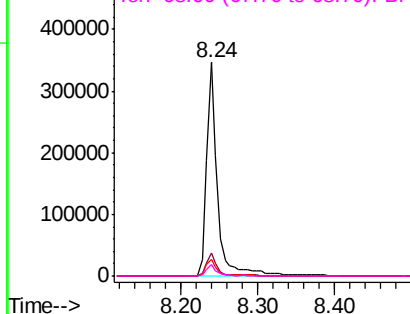
Delta R.T. 0.00 min

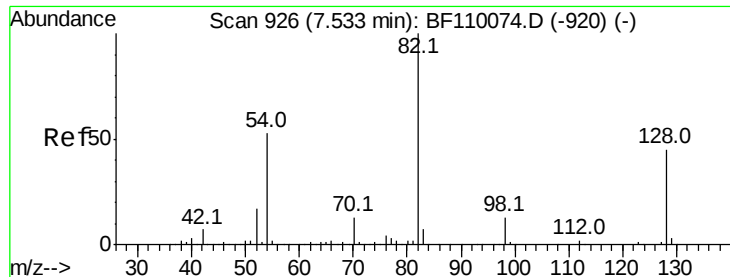
Lab File: BF110537.D

Acq: 7 Nov 2018 1:16

Tgt Ion:	136	Resp:	342303
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.9	5.4	8.2
68	5.3	4.2	6.2

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





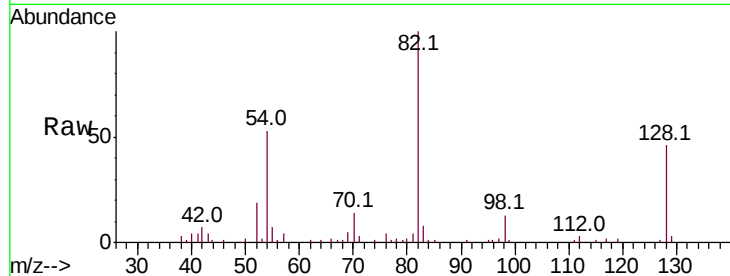
#23
 Nitrobenzene-d5
 Concen: 9.516 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110537.D
 Acq: 7 Nov 2018 1:16

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-J

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	53.2	38.6	58.0

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:54 PM

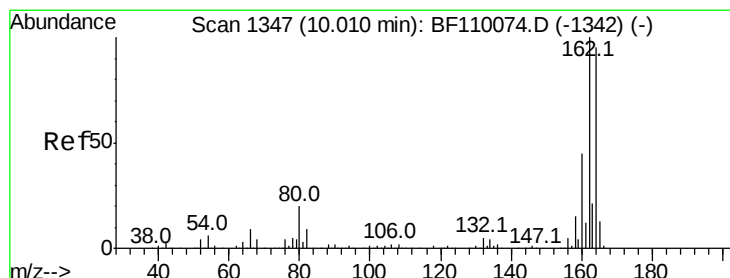
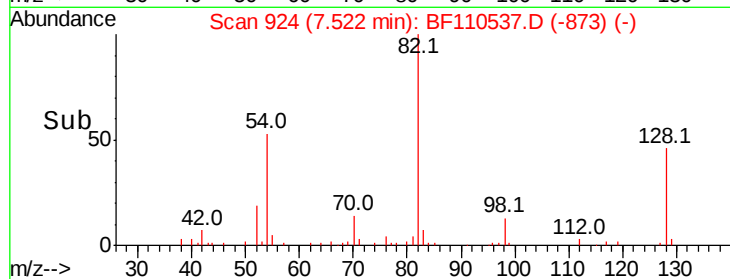
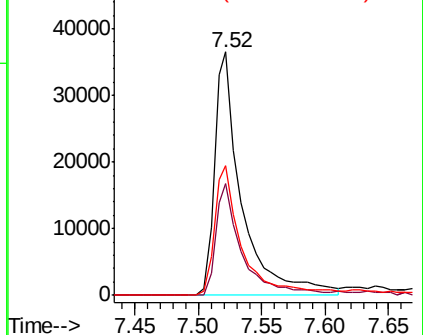


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF110537.D
 Acq: 7 Nov 2018 1:16

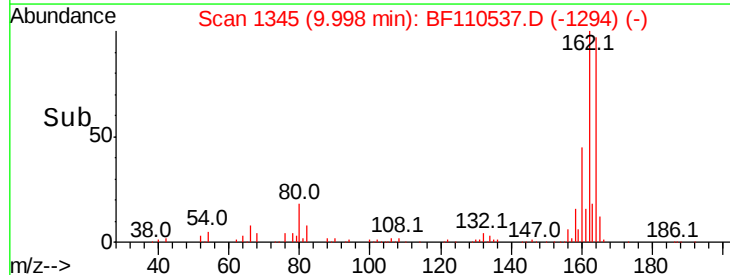
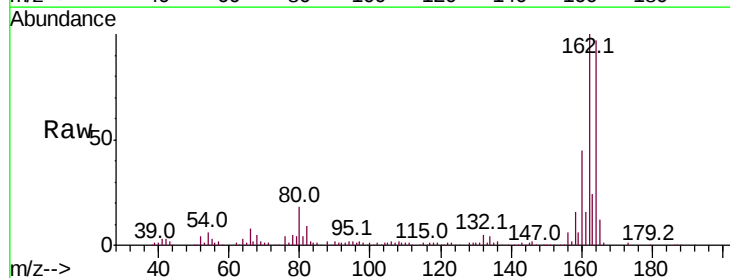
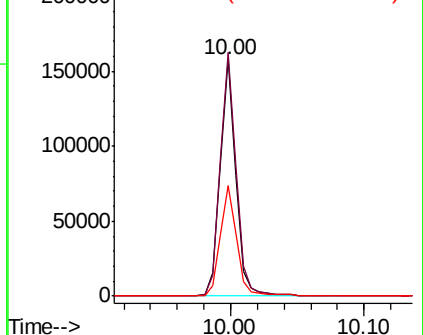
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	46.6	37.0	55.6

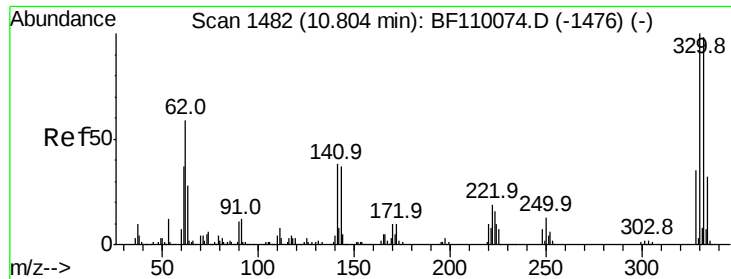
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





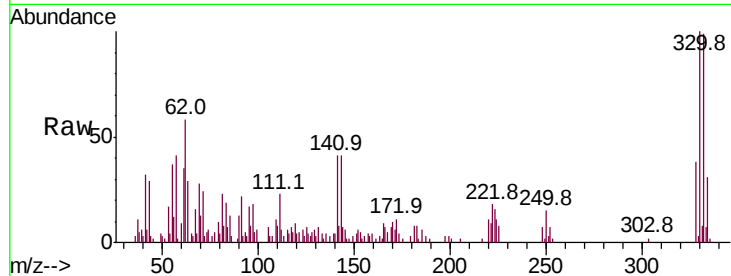
#42
 2,4,6-Tribromophenol
 Concen: 12.713 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110537.D
 Acq: 7 Nov 2018 1:16

Instrument :
 BNA_F
 ClientSampled :
 JC-03-110218-J

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.1	115.7
141	42.9	27.0	40.4

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:54 PM

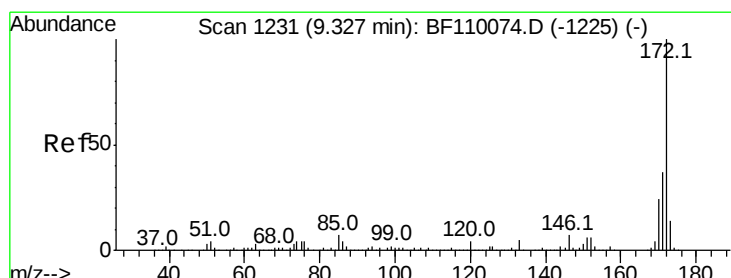
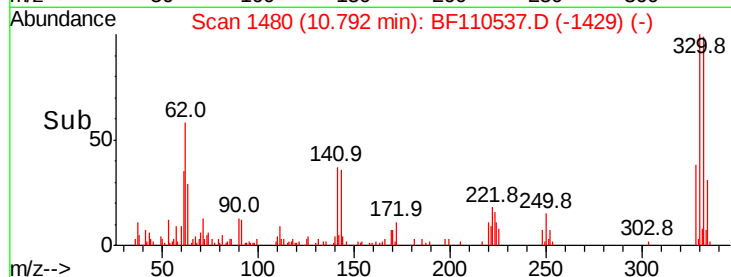
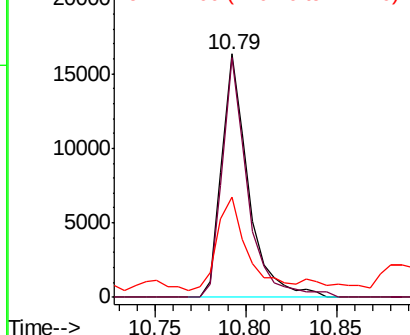


Abundance

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: 12.894 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110537.D
 Acq: 7 Nov 2018 1:16

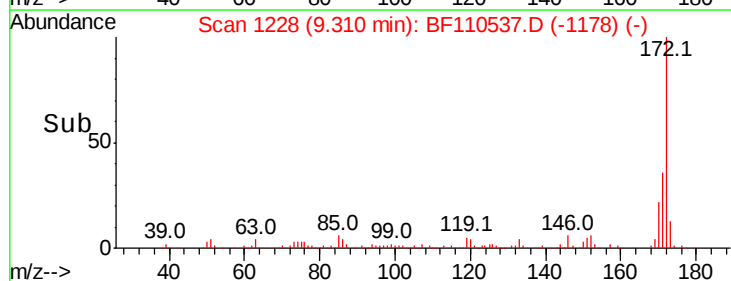
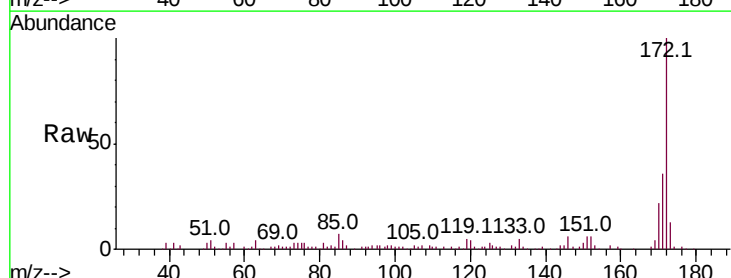
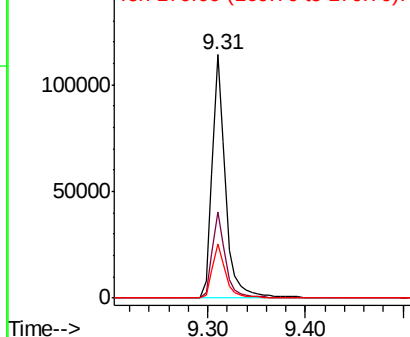
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	22.1	19.7	29.5

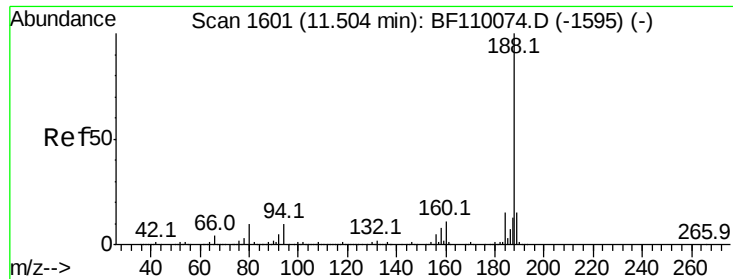
Abundance

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





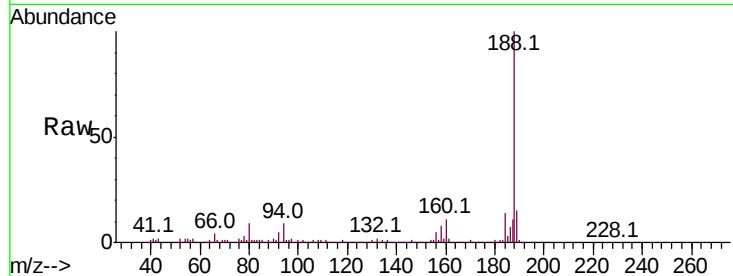
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-J

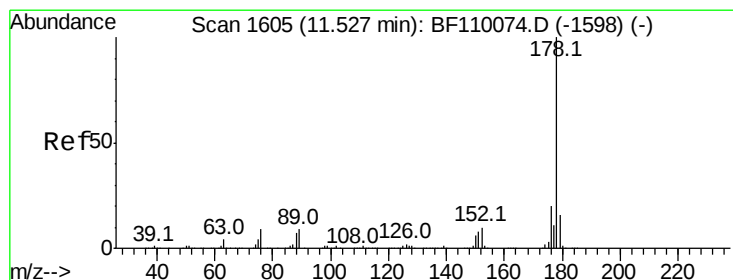
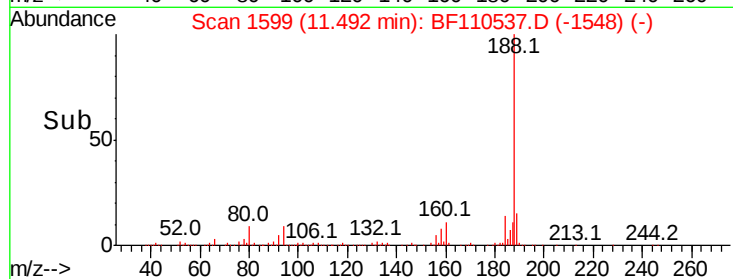
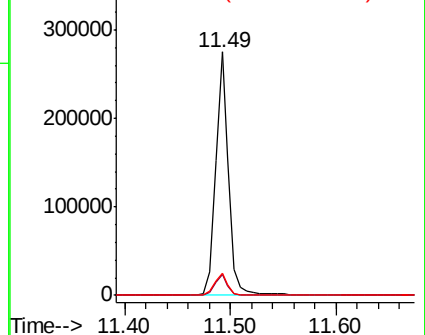
Tot Ion	Ratio	Resp	Lower	Upper
188	100	235096		
94	8.7		7.2	10.8
80	9.3		7.9	11.9

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:54 PM

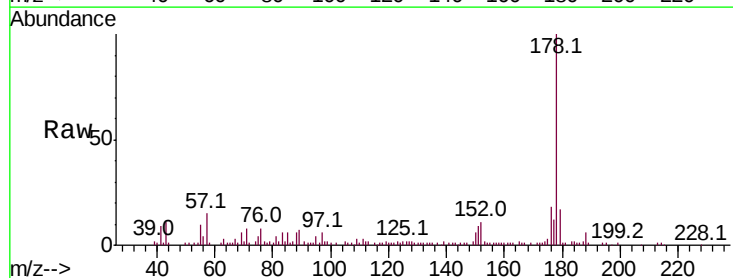


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

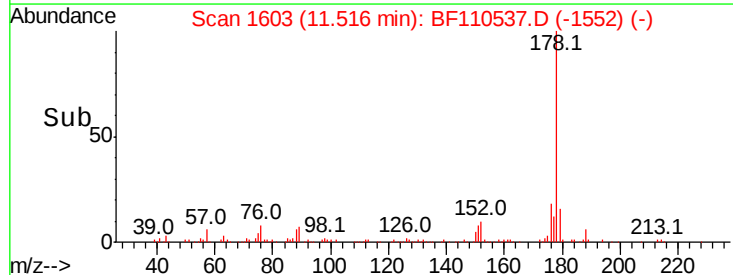
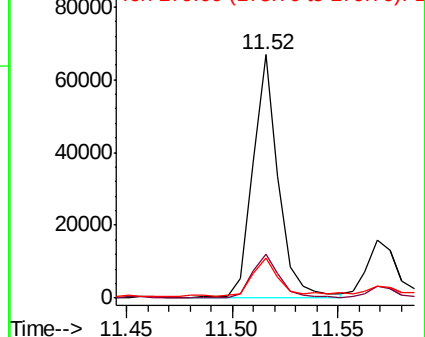


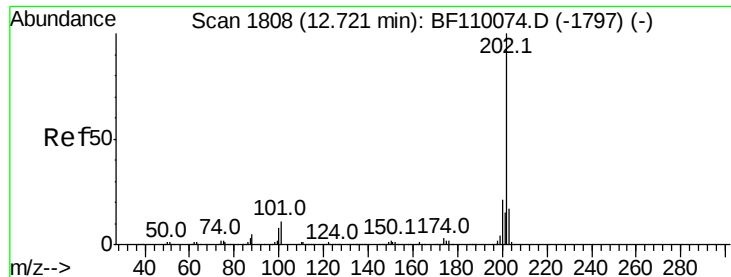
#71
Phenanthrene
Concen: 4.617 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	56795		
176	18.0		15.5	23.3
179	16.5		12.5	18.7



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





#75

Fluoranthene

Concen: 6.517 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF110537.D

Acq: 7 Nov 2018 1:16

Instrument :

BNA_F

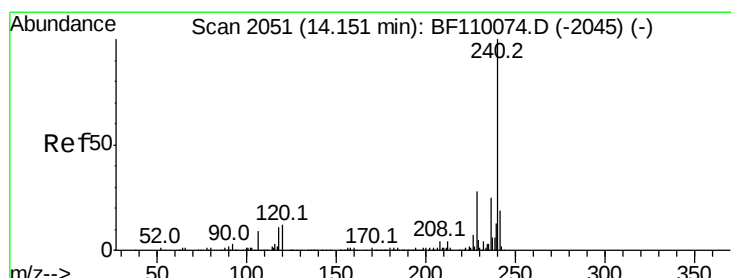
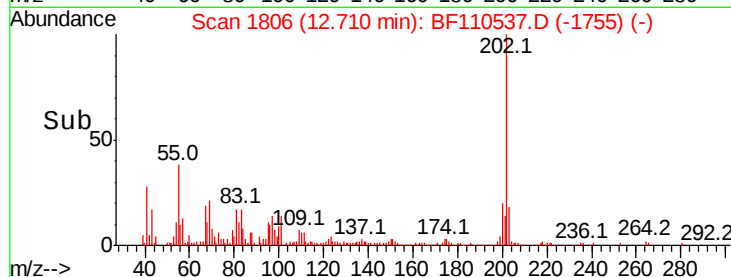
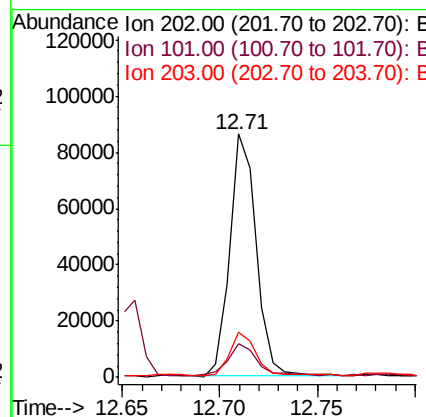
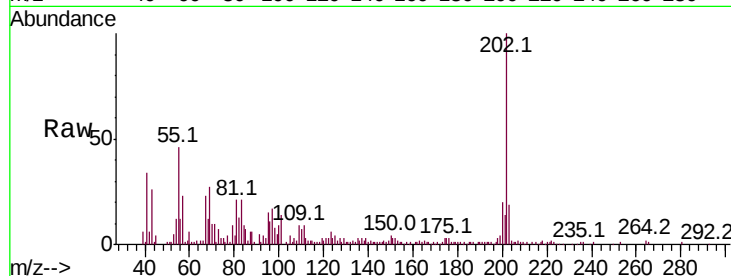
ClientSampleId :

JC-03-110218-J

Tot Ion:	202	Resp:	81363
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	31.4
203	18.7	0.0	37.7

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:54 PM



#76

Chrysene-d12

Concen: 20.000 ng

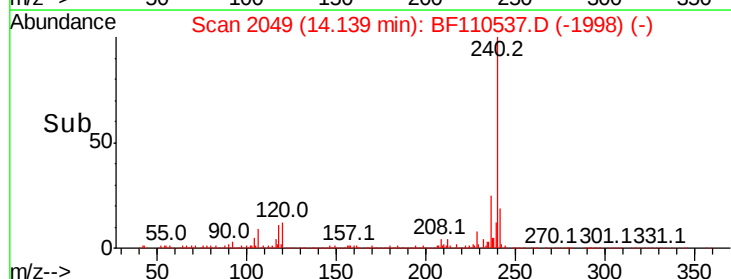
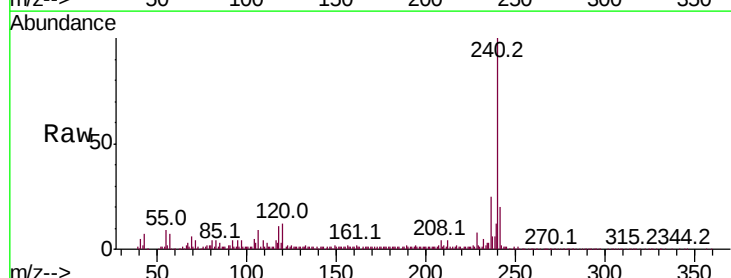
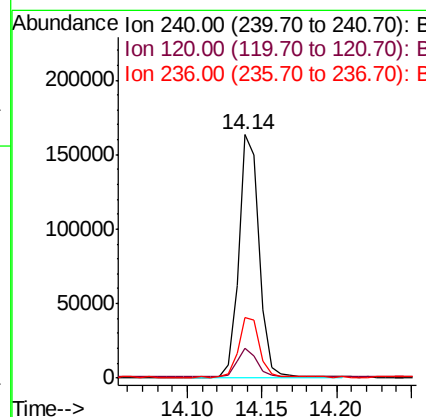
RT: 14.14 min Scan# 2049

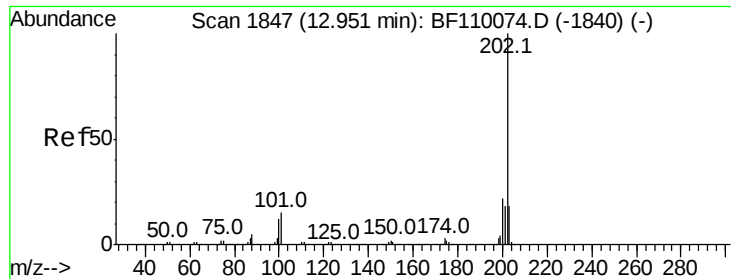
Delta R.T. 0.00 min

Lab File: BF110537.D

Acq: 7 Nov 2018 1:16

Tgt Ion:	240	Resp:	155466
Ion Ratio	Lower	Upper	
240	100		
120	12.5	8.3	12.5
236	25.0	21.2	31.8





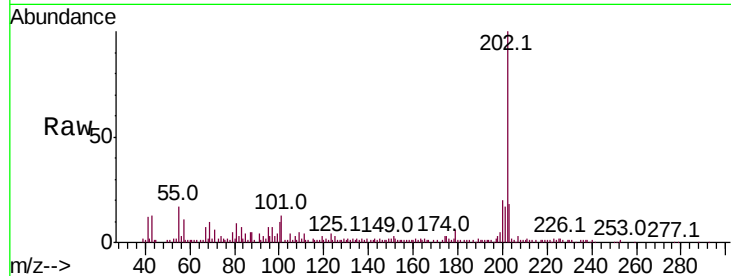
#78
Pvrene
Concen: 6.276 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-J

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	18.4	14.2	21.4

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:54 PM

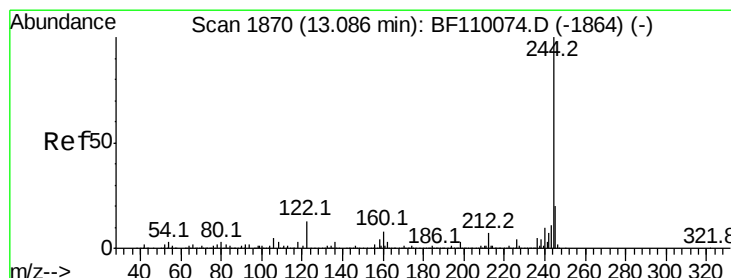
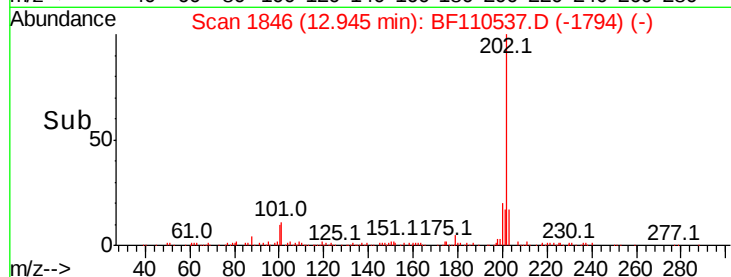
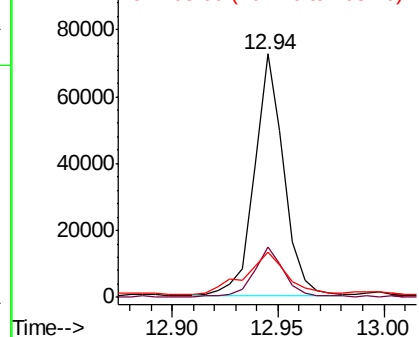


Abundance

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



#79
Terphenyl-d14
Concen: 12.441 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

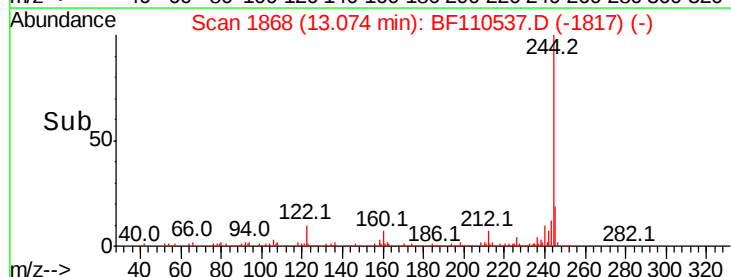
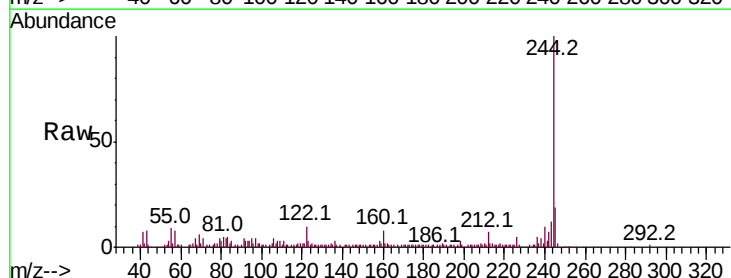
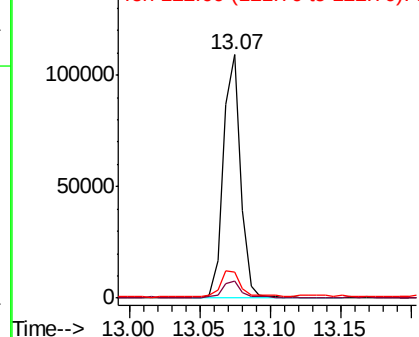
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.4	8.7	13.1

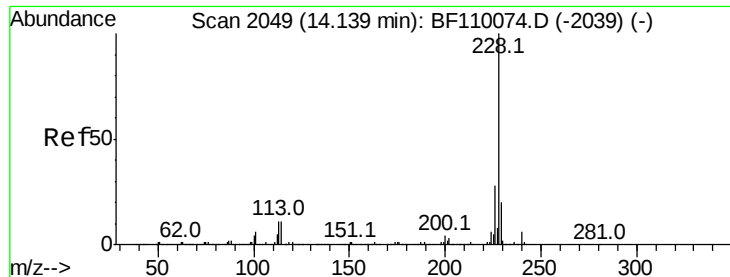
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





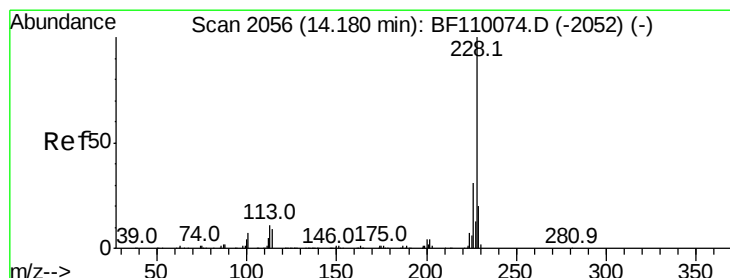
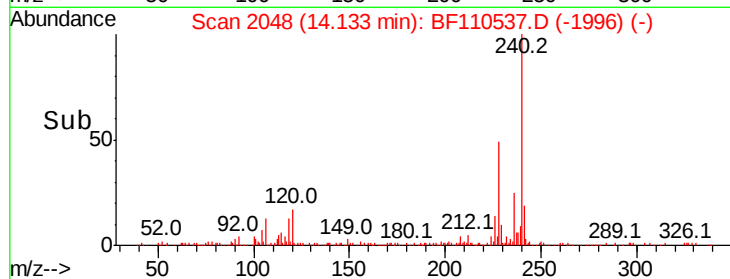
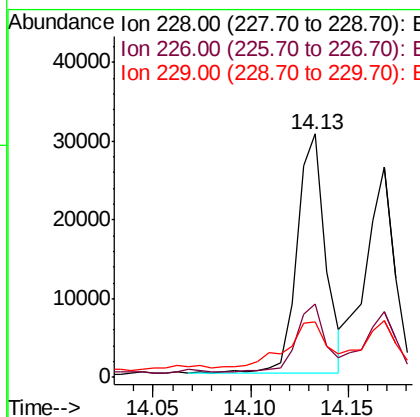
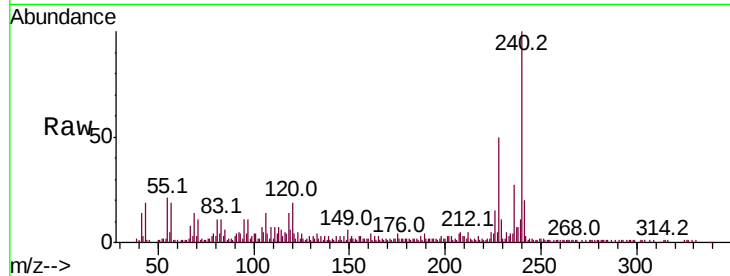
#81
Benzo(a)anthracene
Concen: 3.345 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-J

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.1	33.1
229	22.9	15.6	23.4

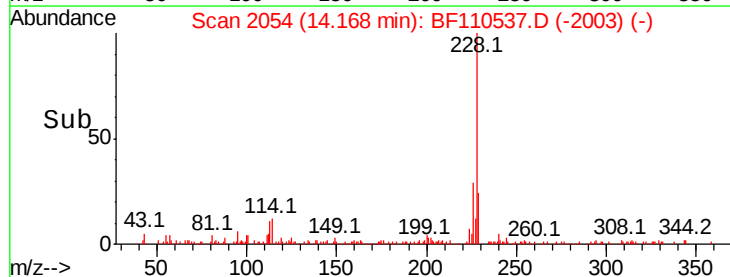
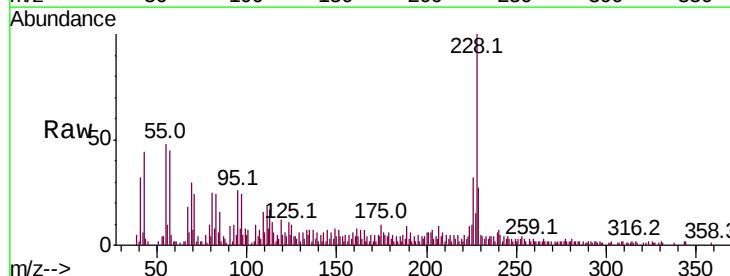
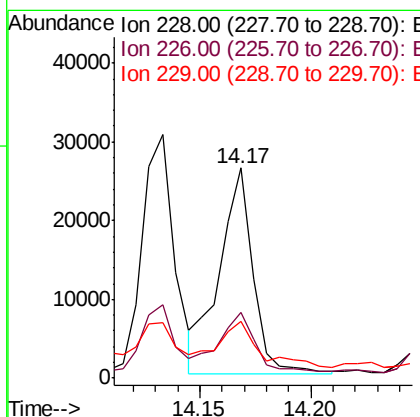
Manual Integrations
APPROVED

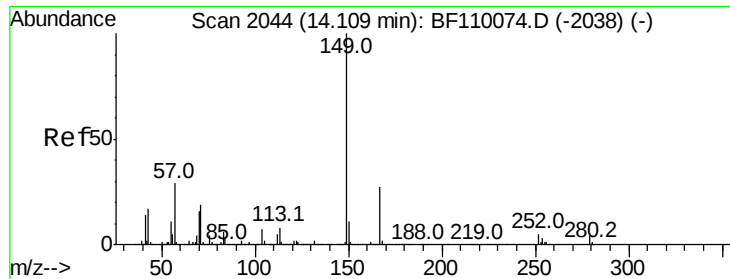
Sohil
11/7/2018 2:54:54 PM



#83
Chrysene
Concen: 3.200 ng m
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.7	37.1
229	27.2	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.142 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110537.D

Acq: 7 Nov 2018 1:16

Instrument :

BNA_F

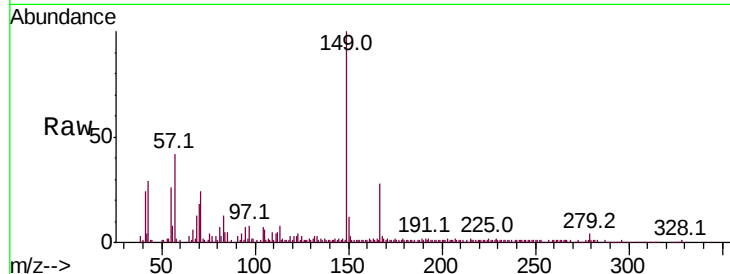
ClientSampleId :

JC-03-110218-J

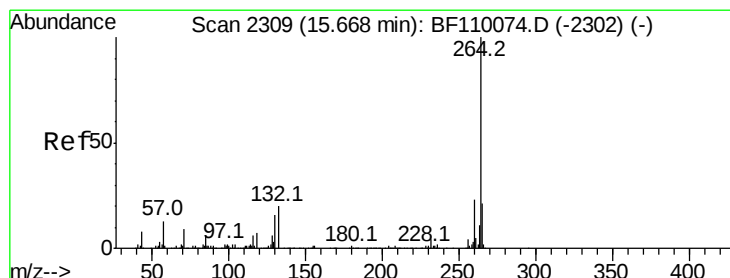
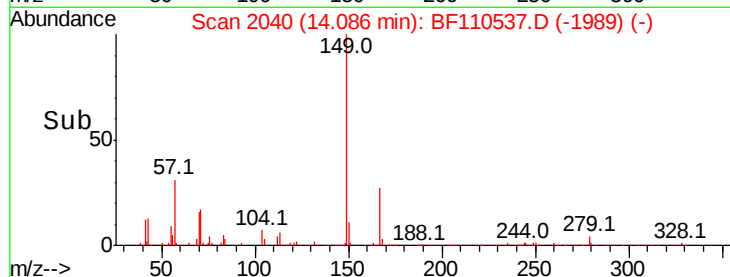
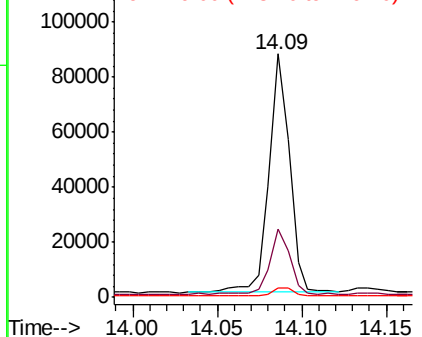
Tot Ion:	149	Resp:	72863
Ion Ratio	Lower	Upper	
149	100		
167	28.0	19.8	29.8
279	4.0	2.7	4.1

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:54 PM



Abundance Ion 149.00 (148.70 to 149.70): E
120000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

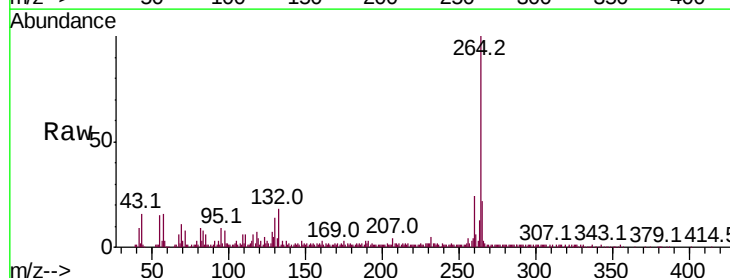
RT: 15.67 min Scan# 2310

Delta R.T. 0.02 min

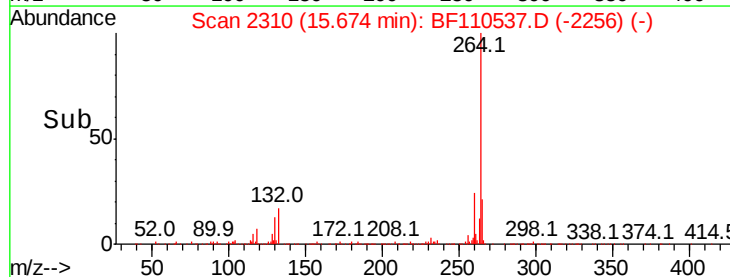
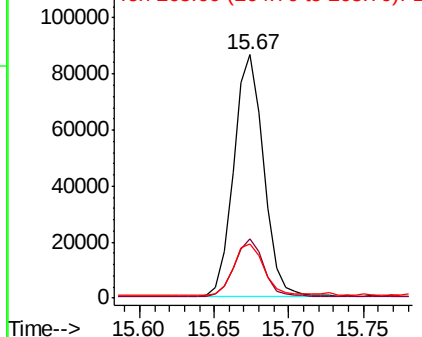
Lab File: BF110537.D

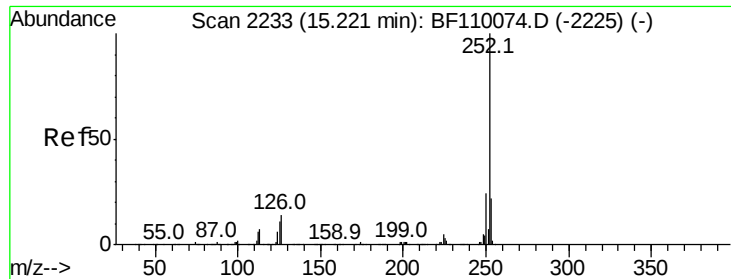
Acq: 7 Nov 2018 1:16

Tgt Ion:	264	Resp:	120830
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.7	28.1
265	22.2	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
120000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





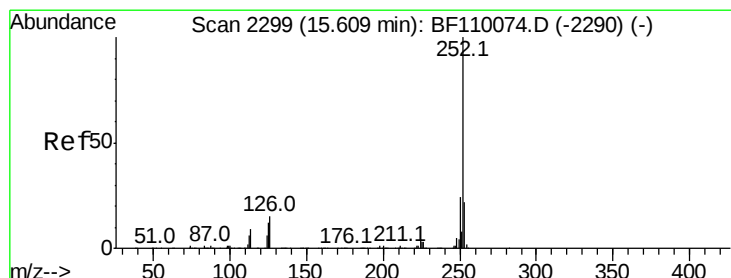
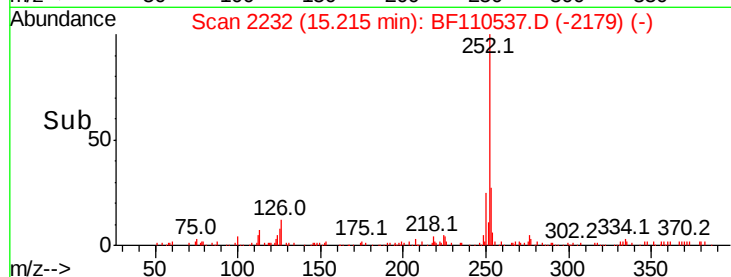
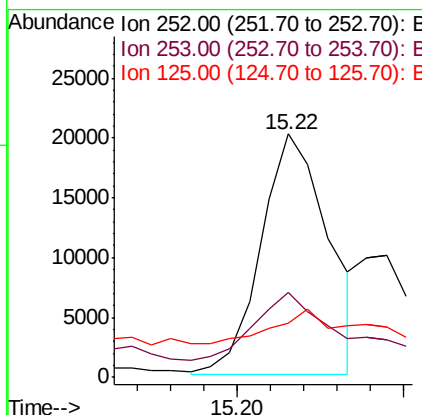
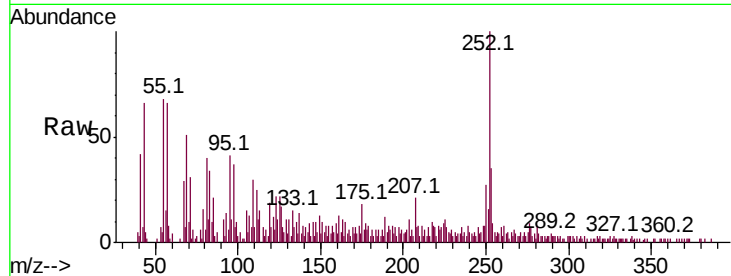
#88
Benzo(b)fluoranthene
Concen: 4.067 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-J

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.7	17.2	25.8#
125	22.4	8.2	12.4#

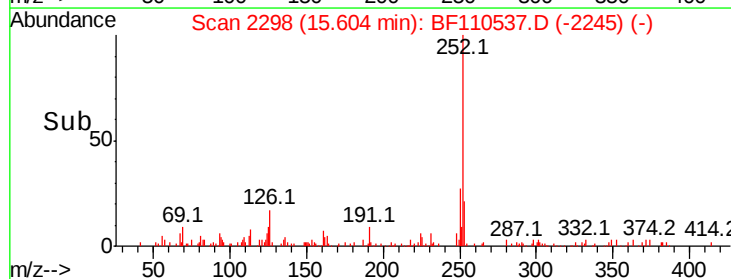
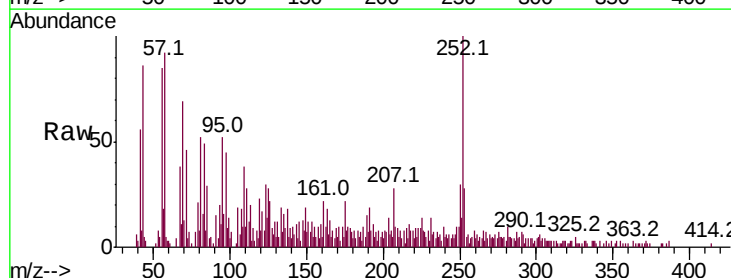
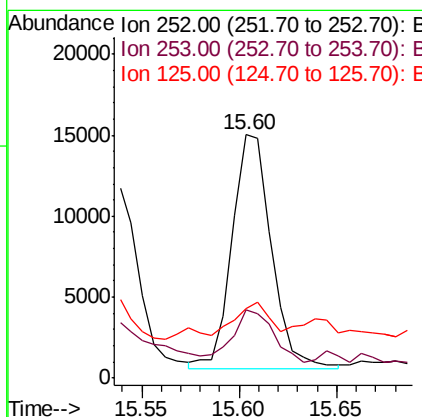
Manual Integrations
APPROVED

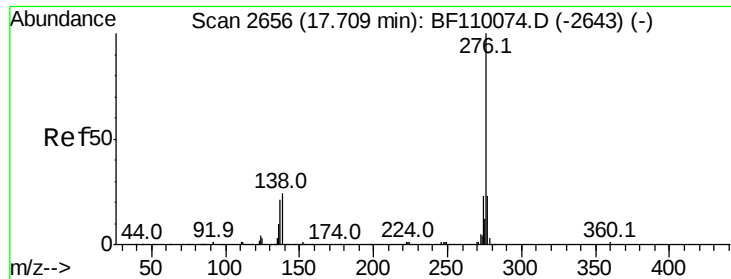
Sohil
11/7/2018 2:54:54 PM



#90
Benzo(a)pyrene
Concen: 3.166 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110537.D
Acq: 7 Nov 2018 1:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.2	27.4#
125	28.4	9.0	13.6#





#92
 Benzo(a,h,i)perylene
 Concen: 2.205 ng
 RT: 17.73 min Scan# 2660
 Delta R.T. 0.03 min
 Lab File: BF110537.D
 Acq: 7 Nov 2018 1:16

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-J

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	35.1	18.8	28.2	#
138	30.2	16.0	24.0	#

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:54 PM

