

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112758.D
 Acq On : 28 Feb 2019 13:21
 Operator : JU/SJ
 Sample : K1596-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Manual Integrations
 APPROVED

Sohil
 3/1/2019 2:59:55 PM

Quant Time: Mar 01 05:54:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	163464	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	557556	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	239334	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	494733	20.00	ng	0.00
76) Chrysene-d12	13.88	240	433432	20.00	ng	0.00
87) Perylene-d12	15.29	264	296261	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	964479	91.78	ng	0.00
7) Phenol-d6	6.37	99	1161949	88.02	ng	0.00
23) Nitrobenzene-d5	7.30	82	682441	73.24	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	289313	113.87	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	972830	66.96	ng	0.00
79) Terphenyl-d14	12.83	244	1108736	49.59	ng	0.00
Target Compounds						
10) Phenol	6.39	94	43337	2.813	ng	92
50) Dimethylphthalate	9.49	163	76574	4.339	ng	99
71) Phenanthrene	11.27	178	134224	5.453	ng	98
75) Fluoranthene	12.46	202	295625	11.210	ng	97
78) Pyrene	12.69	202	295135	8.077	ng	99
81) Benzo(a)anthracene	13.87	228	150358	5.005	ng	96
83) Chrysene	13.90	228	147659m	5.018	ng	
86) Indeno(1,2,3-cd)pyrene	16.66	276	53503	2.133	ng	97
88) Benzo(b)fluoranthene	14.89	252	143985m	7.514	ng	
90) Benzo(a)pyrene	15.23	252	86743	5.118	ng	# 89
92) Benzo(g,h,i)perylene	17.06	276	56417	3.885	ng	# 91

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

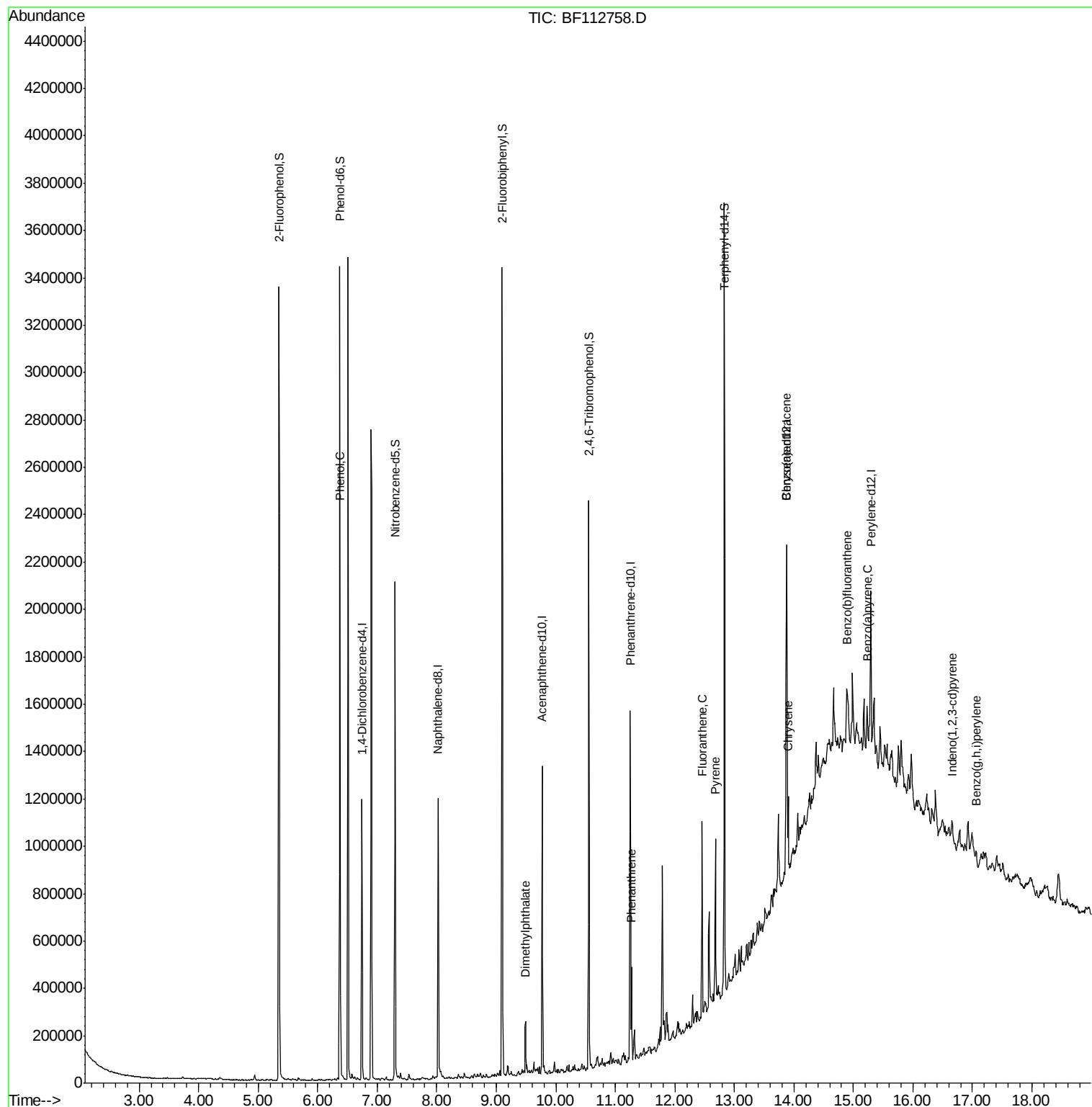
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112758.D
Acq On : 28 Feb 2019 13:21
Operator : JU/SJ
Sample : K1596-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-15

Manual Integrations
APPROVED

Sohil
3/1/2019 2:59:55 PM

Quant Time: Mar 01 05:54:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration





#1

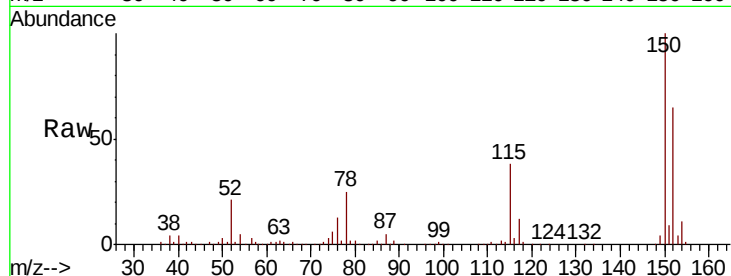
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.2	186.2
115	57.9	48.2	72.4

Manual Integrations
APPROVED

Sohil
3/1/2019 2:59:55 PM

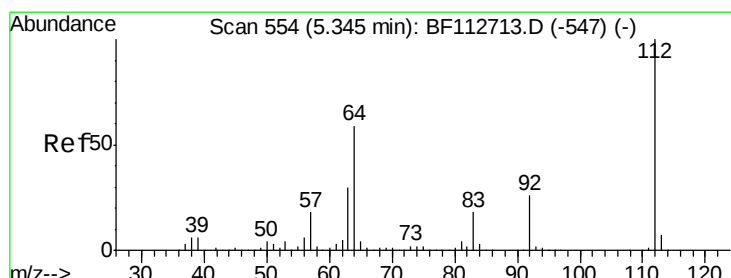
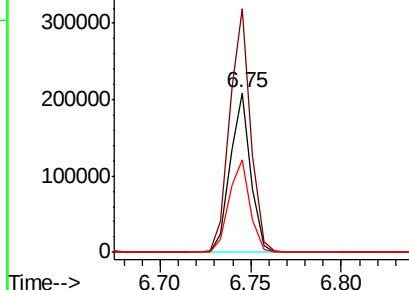
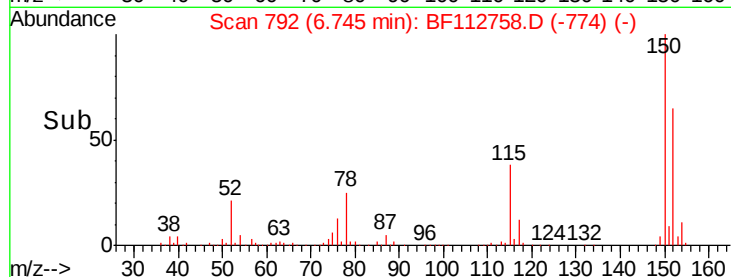


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

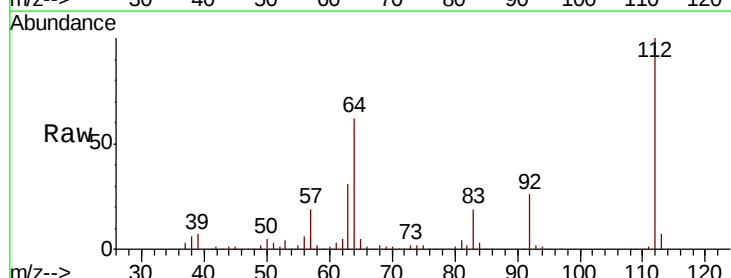
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.781 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.6	71.4
63	31.4	24.4	36.6

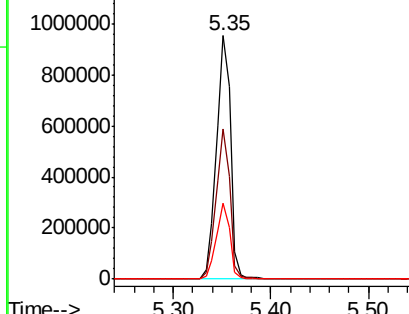
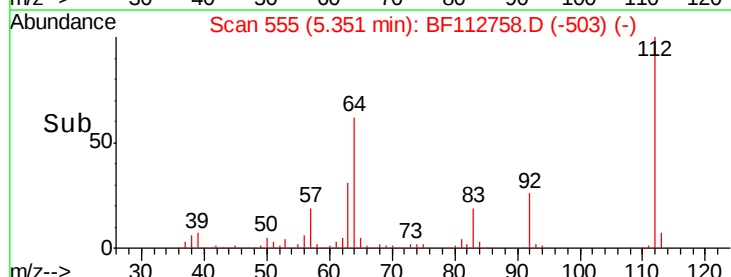


Abundance

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: 88.024 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112758.D

Acq: 28 Feb 2019 13:21

Instrument :

BNA_F

ClientSampleId :

COMP-15

Tot Ion: 99 Resp: 1161949

Ion Ratio Lower Upper

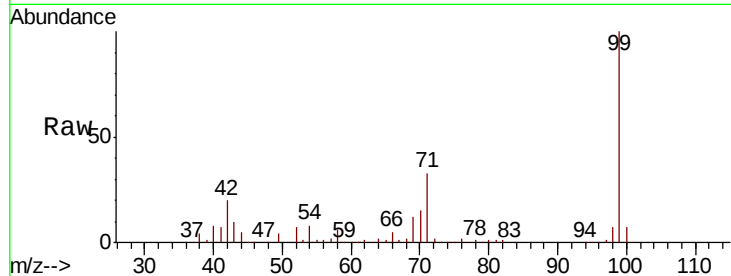
99 100

42 19.6 16.3 24.5

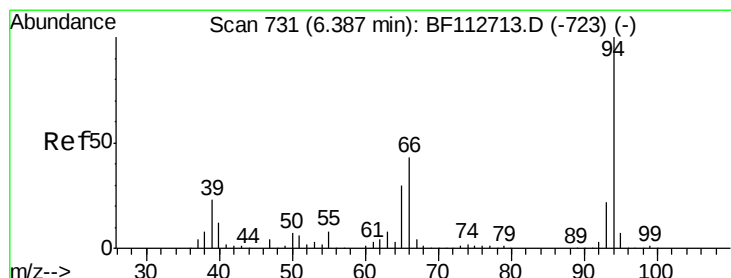
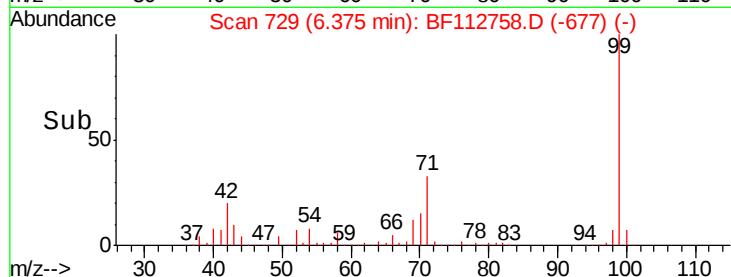
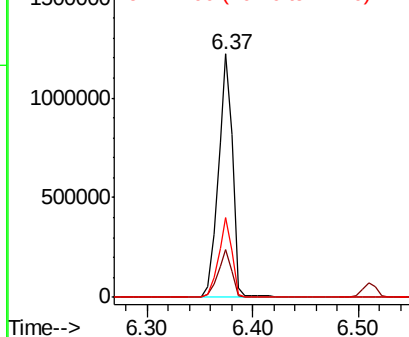
71 32.9 26.2 39.4

Manual Integrations
APPROVED

Sohil
3/1/2019 2:59:55 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



#10

Phenol

Concen: 2.813 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112758.D

Acq: 28 Feb 2019 13:21

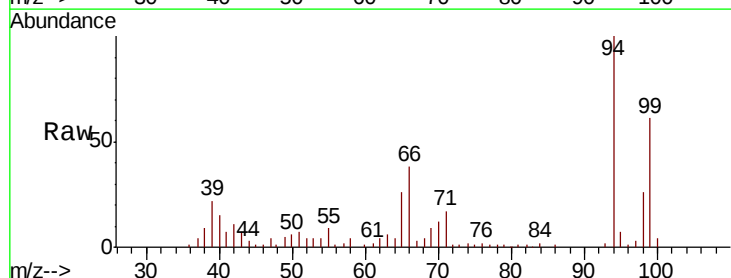
Tgt Ion: 94 Resp: 43337

Ion Ratio Lower Upper

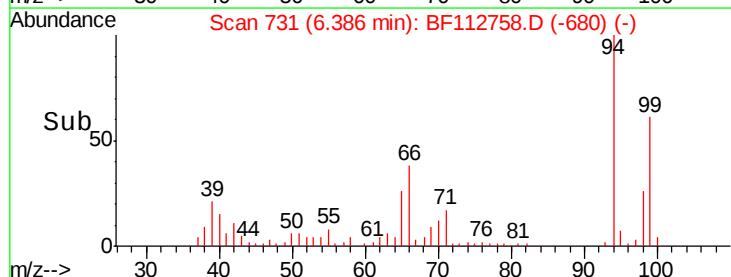
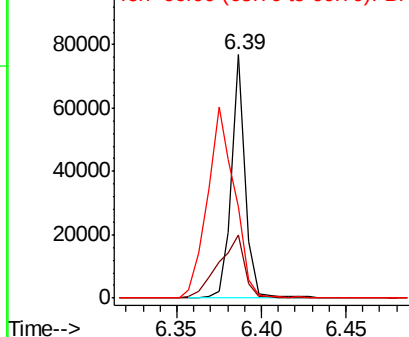
94 100

65 25.9 10.5 50.5

66 37.6 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





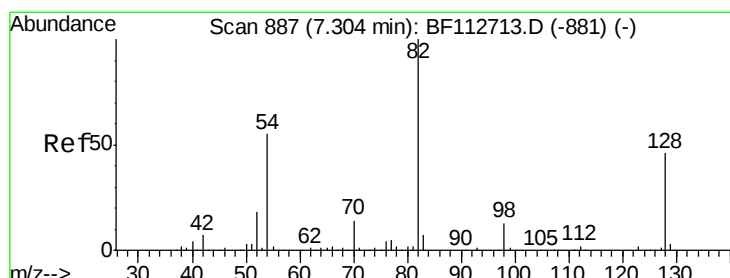
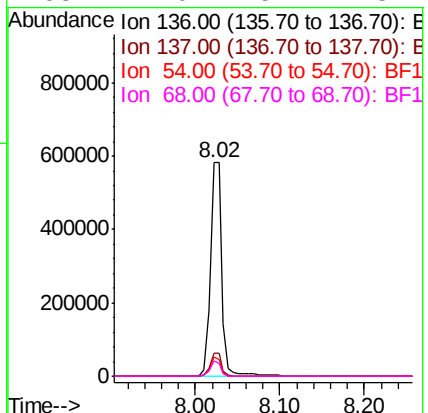
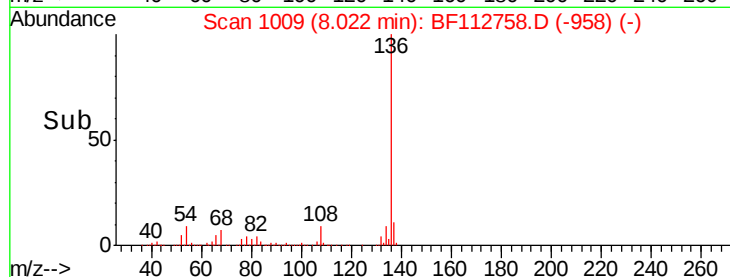
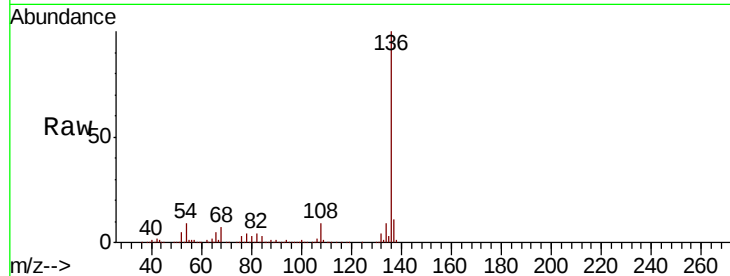
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	7.3	10.9
68	7.0	5.4	8.2

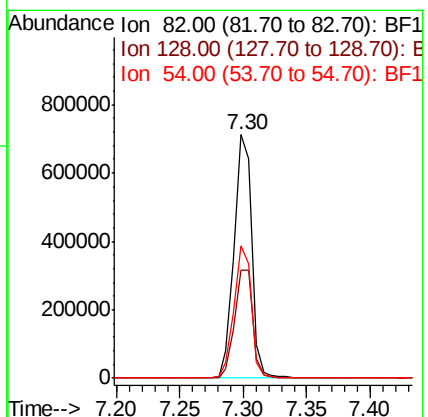
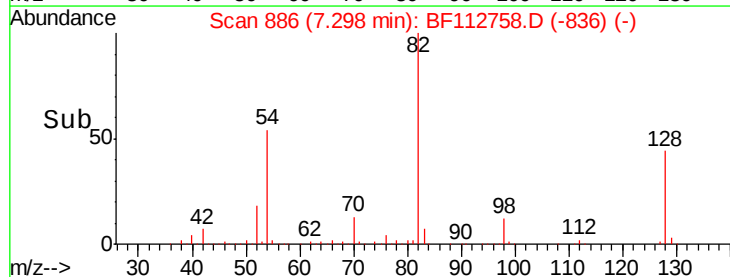
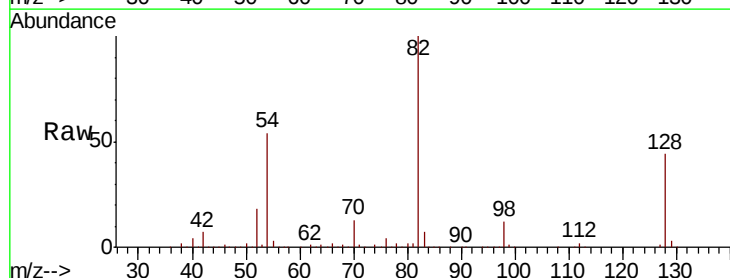
Manual Integrations
APPROVED

Sohil
3/1/2019 2:59:55 PM



#23
Nitrobenzene-d5
Concen: 73.241 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.5	36.3	54.5
54	54.4	43.7	65.5





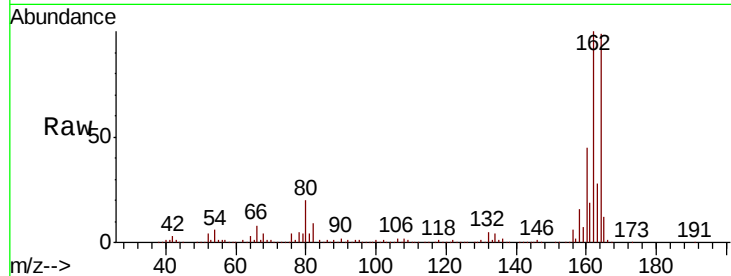
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112758.D
 Acq: 28 Feb 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

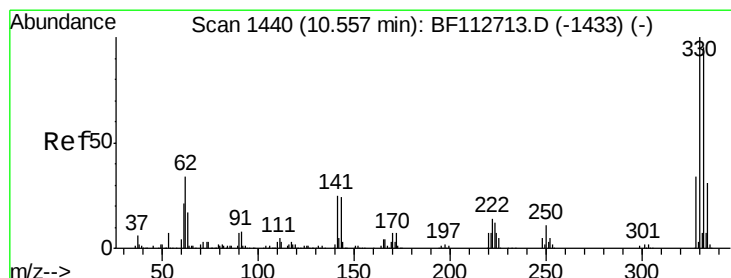
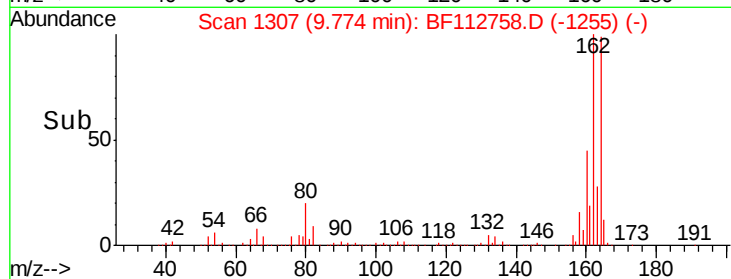
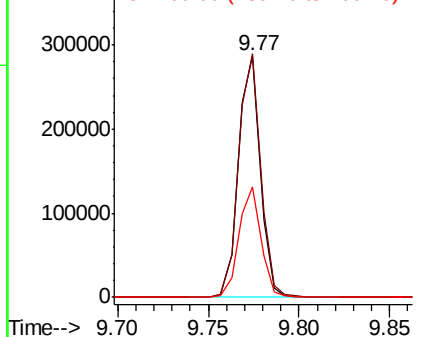
Tot Ion:164	Resp:	239334
Ion Ratio	Lower	Upper
164	100	
162	101.0	80.6 120.8
160	45.9	36.0 54.0

Manual Integrations
 APPROVED

Sohil
 3/1/2019 2:59:55 PM

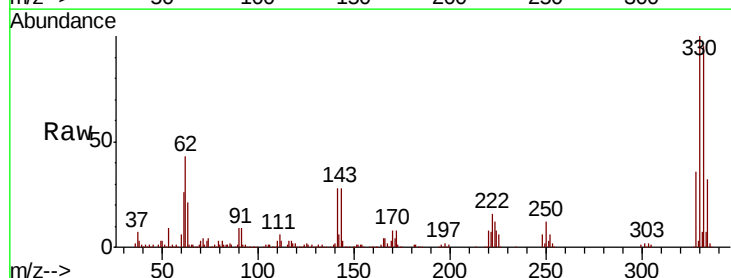


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

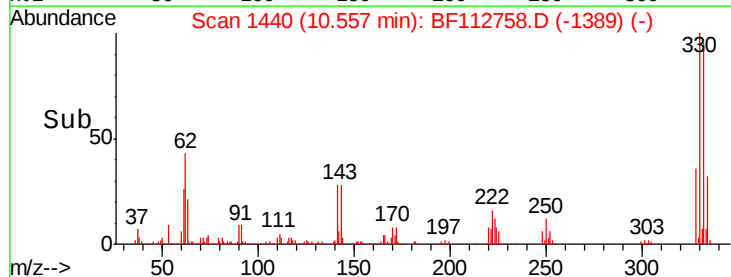
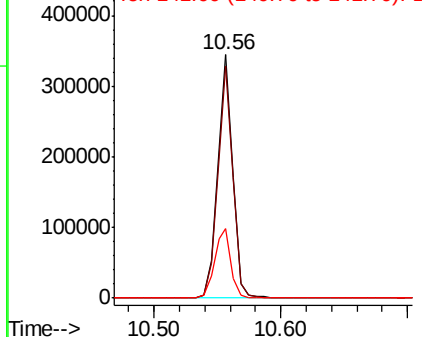


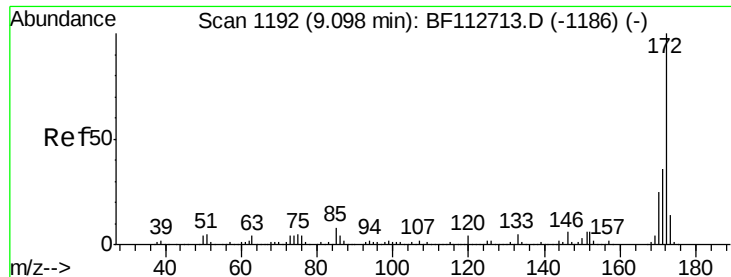
#42
 2,4,6-Tribromophenol
 Concen: 113.866 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112758.D
 Acq: 28 Feb 2019 13:21

Tgt Ion:330	Resp:	289313
Ion Ratio	Lower	Upper
330	100	
332	95.4	76.2 114.4
141	30.3	27.0 40.6



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





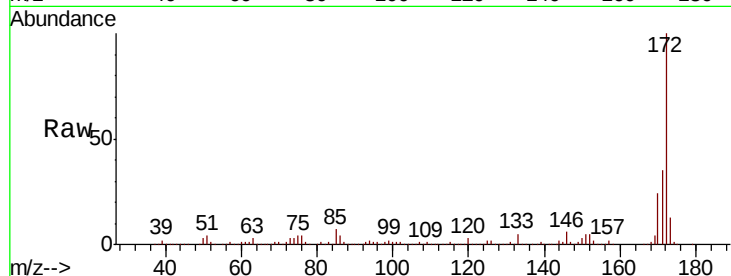
#45
2-Fluorobiphenyl
Concen: 66.957 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.6	20.0	30.0

Manual Integrations
APPROVED

Sohil
3/1/2019 2:59:55 PM

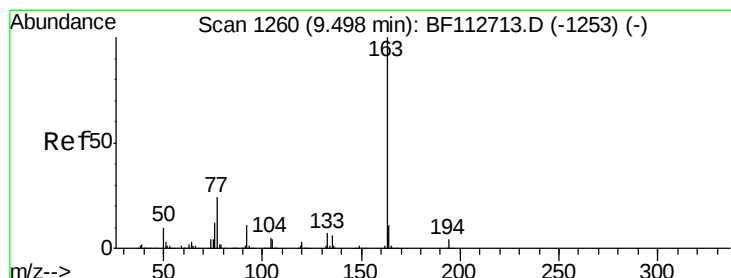
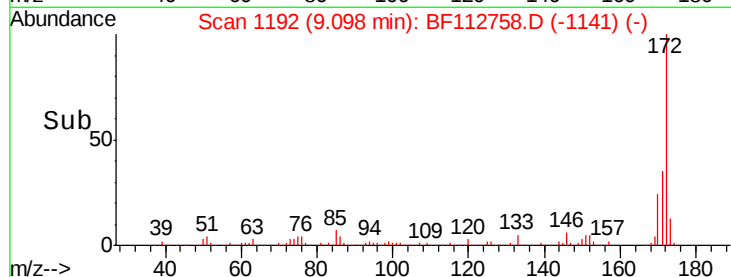
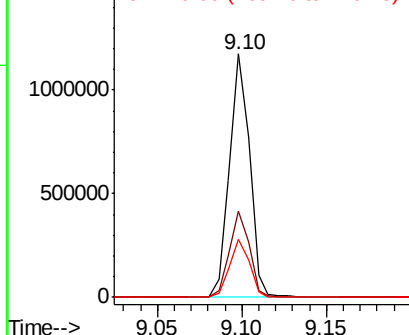


Abundance

Ion 172.00 (171.70 to 172.70): E

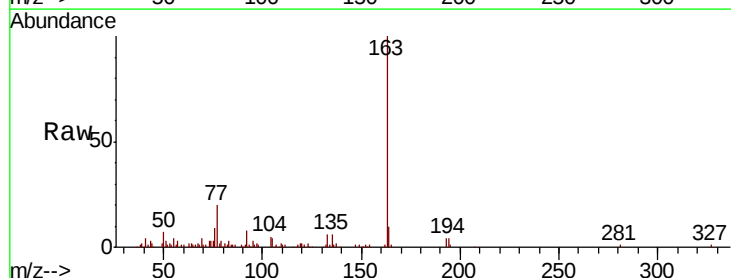
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.339 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.0	8.4	12.6

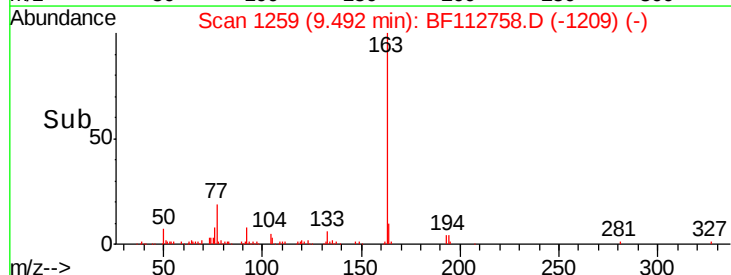
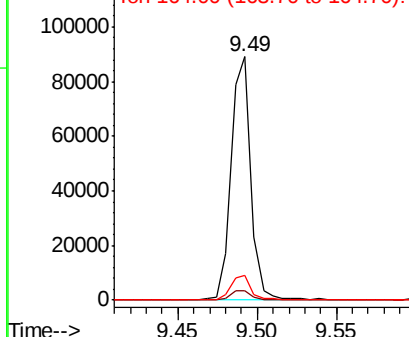


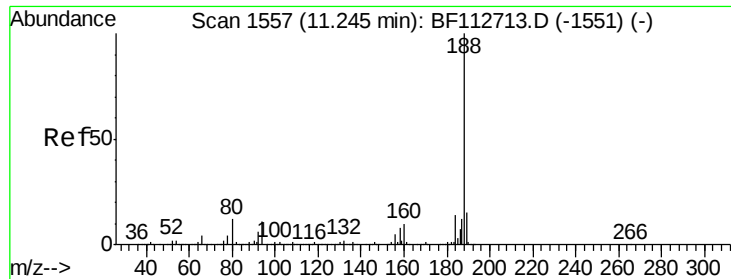
Abundance

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





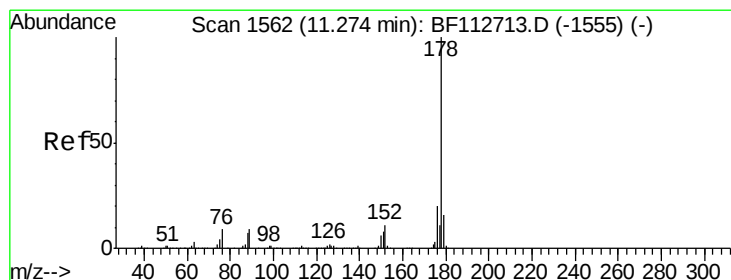
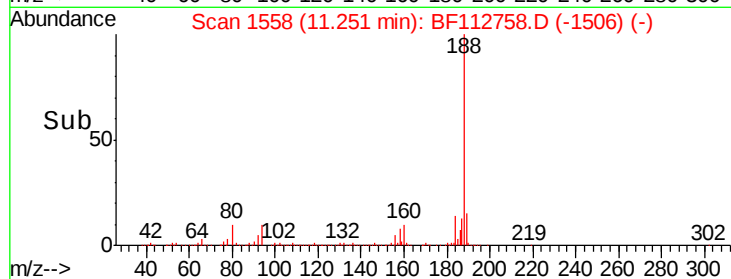
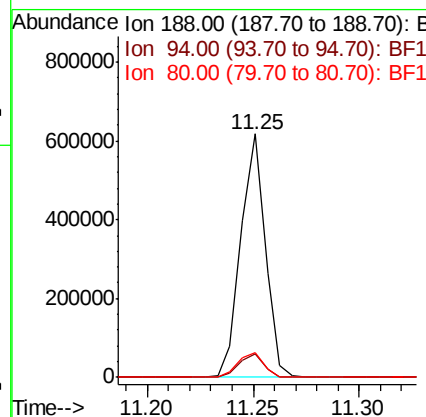
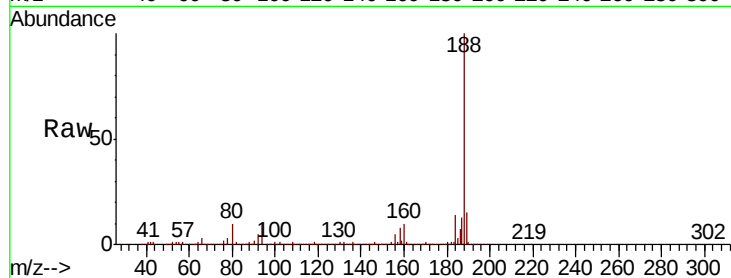
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	9.0	13.4
80	10.1	9.2	13.8

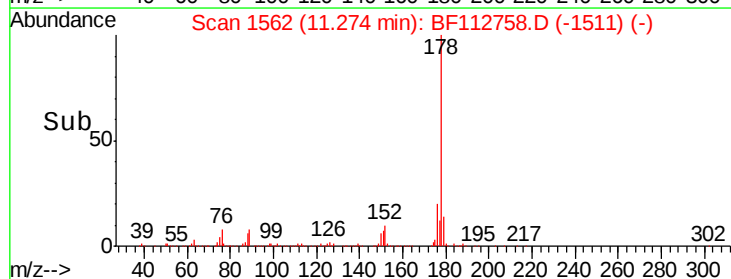
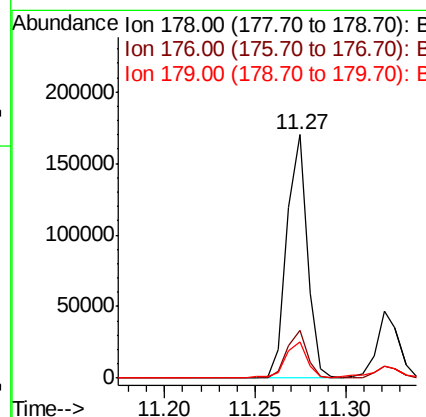
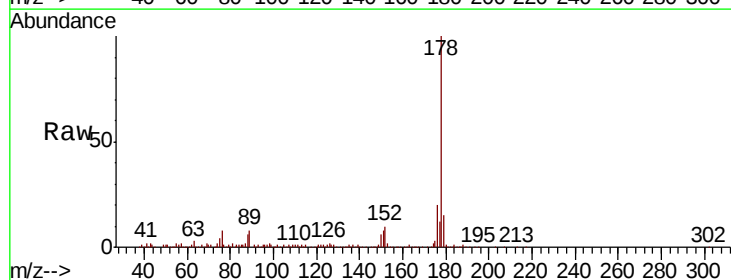
Manual Integrations
APPROVED

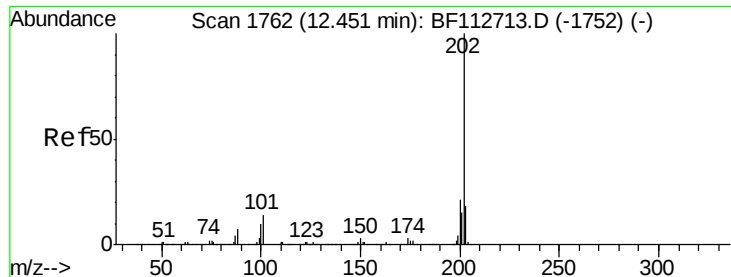
Sohil
3/1/2019 2:59:55 PM



#71
Phenanthrene
Concen: 5.453 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.5	16.3	24.5
179	14.8	12.7	19.1





#75

Fluoranthene

Concen: 11.210 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112758.D

Acq: 28 Feb 2019 13:21

Instrument :

BNA_F

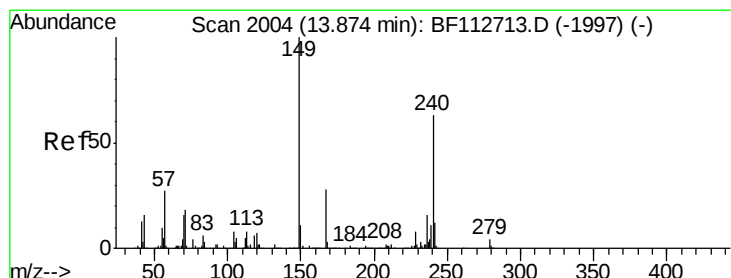
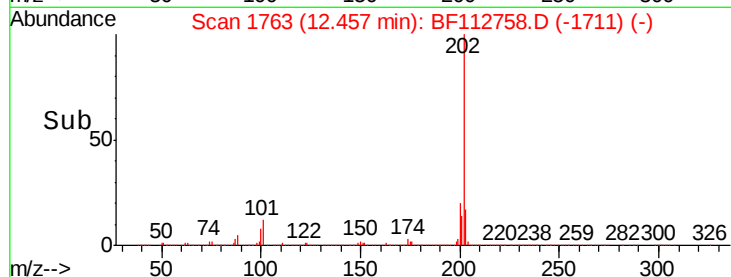
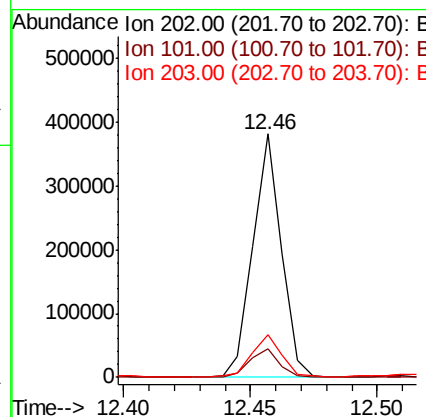
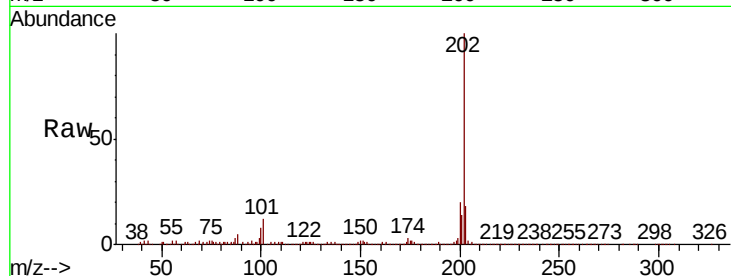
ClientSampled :

COMP-15

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	33.8
203	17.7	0.0	38.4

Manual Integrations
APPROVED

Sohil
3/1/2019 2:59:55 PM



#76

Chrysene-d12

Concen: 20.000 ng

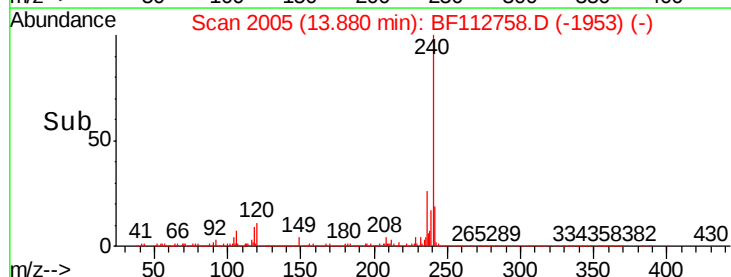
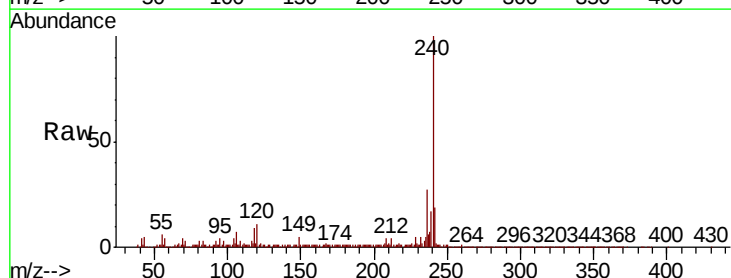
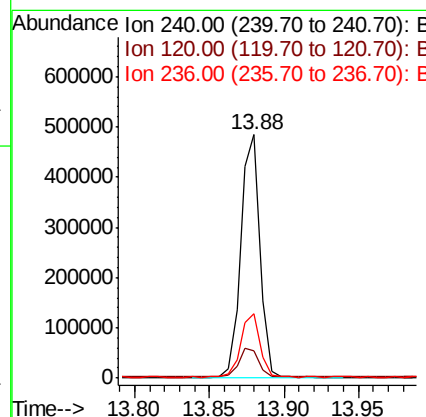
RT: 13.88 min Scan# 2005

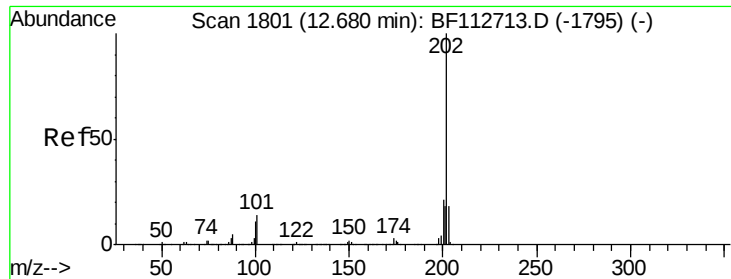
Delta R.T. 0.01 min

Lab File: BF112758.D

Acq: 28 Feb 2019 13:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.6	20.7	31.1





#78

Pvrene

Concen: 8.077 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF112758.D

Acq: 28 Feb 2019 13:21

Instrument :

BNA_F

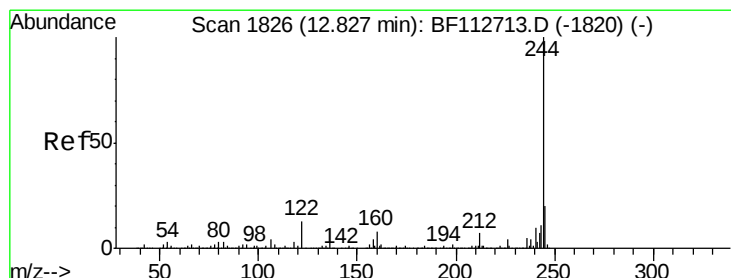
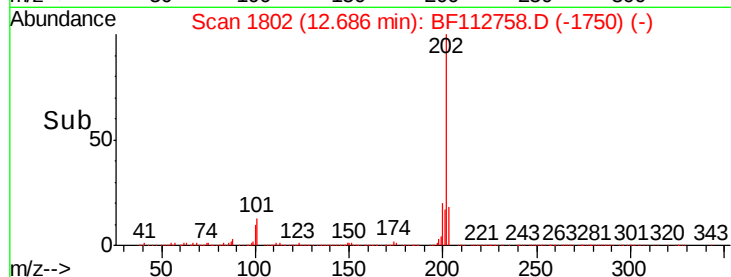
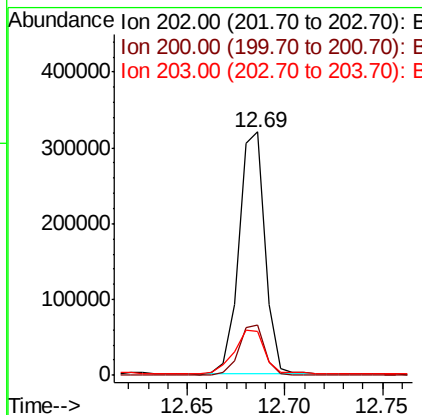
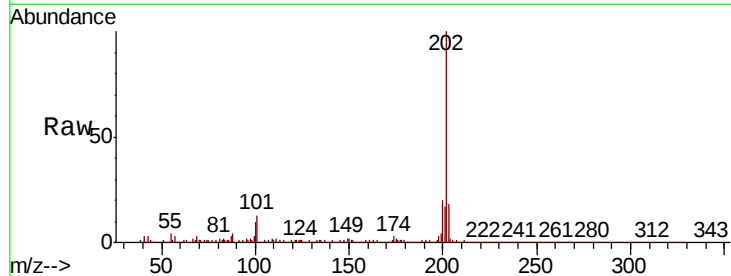
ClientSampleId :

COMP-15

Tot Ion:	202	Resp:	295135
Ion Ratio		Lower	Upper
202	100		
200	20.4	17.0	25.4
203	18.0	14.4	21.6

Manual Integrations
APPROVED

Sohil
3/1/2019 2:59:55 PM



#79

Terphenyl-d14

Concen: 49.588 ng

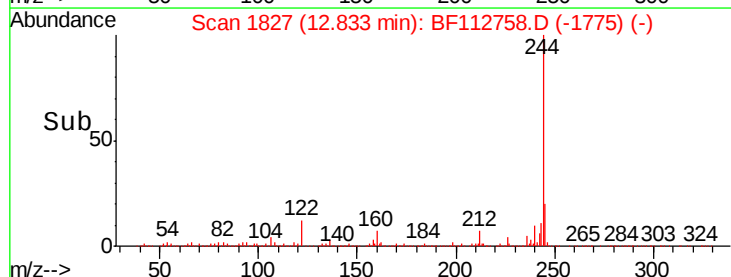
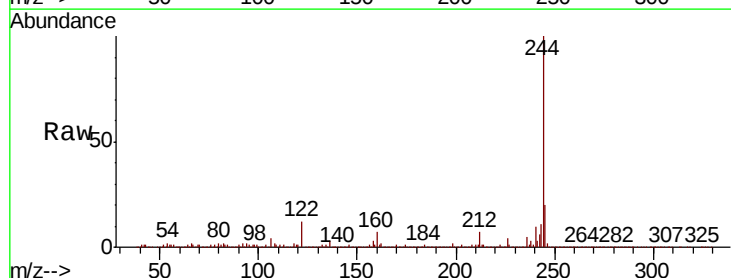
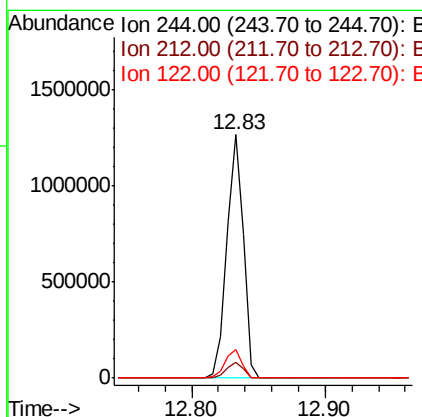
RT: 12.83 min Scan# 1827

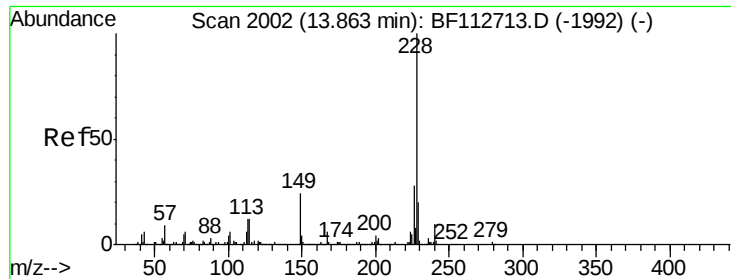
Delta R.T. 0.01 min

Lab File: BF112758.D

Acq: 28 Feb 2019 13:21

Tgt Ion:	244	Resp:	1108736
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.6	10.5	15.7





#81

Benzo(a)anthracene

Concen: 5.005 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112758.D

Acq: 28 Feb 2019 13:21

Instrument :

BNA_F

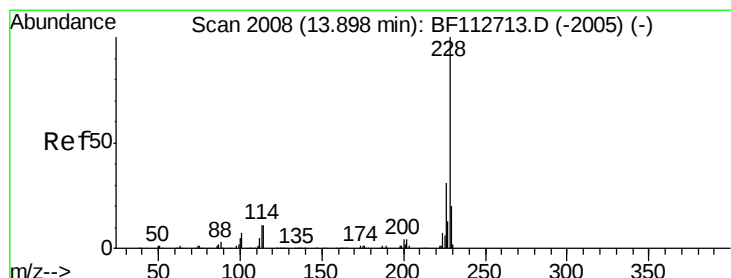
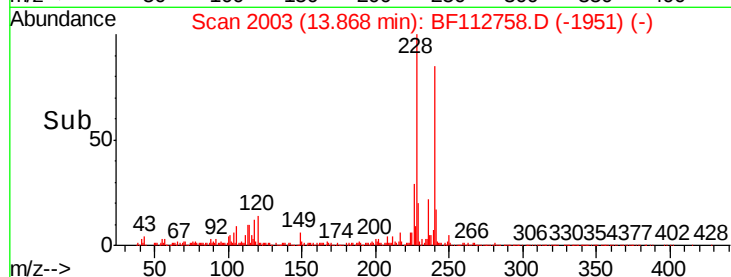
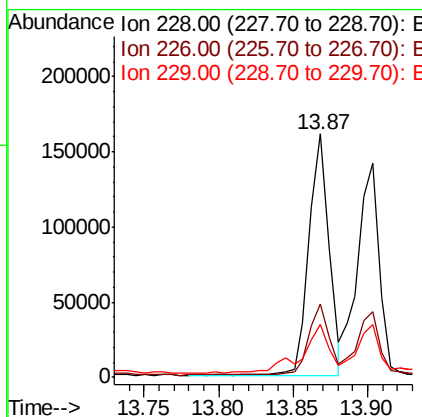
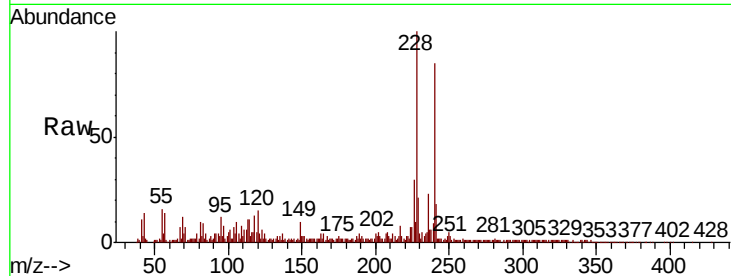
ClientSampleId :

COMP-15

Tot Ion:	228	Resp:	150358
Ion Ratio		Lower	Upper
228	100		
226	30.1	22.2	33.4
229	21.5	16.0	24.0

Manual Integrations
APPROVED

Sohil
3/1/2019 2:59:55 PM



#83

Chrysene

Concen: 5.018 ng m

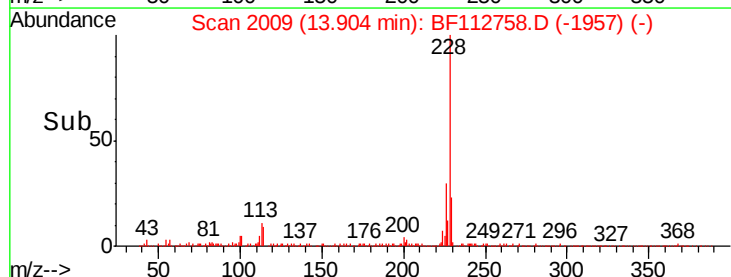
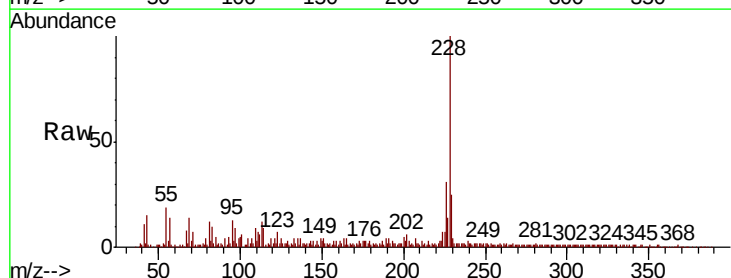
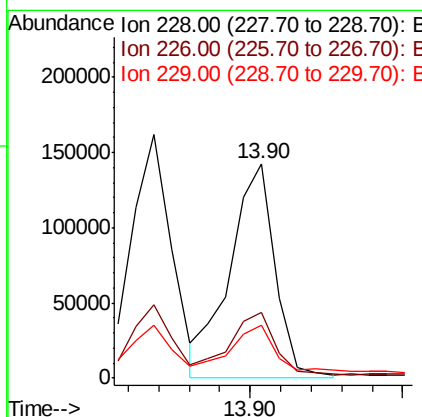
RT: 13.90 min Scan# 2009

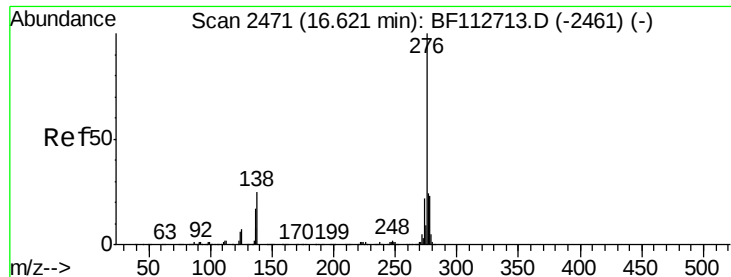
Delta R.T. 0.01 min

Lab File: BF112758.D

Acq: 28 Feb 2019 13:21

Tgt Ion:	228	Resp:	147659
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.9	37.3
229	24.5	16.3	24.5#





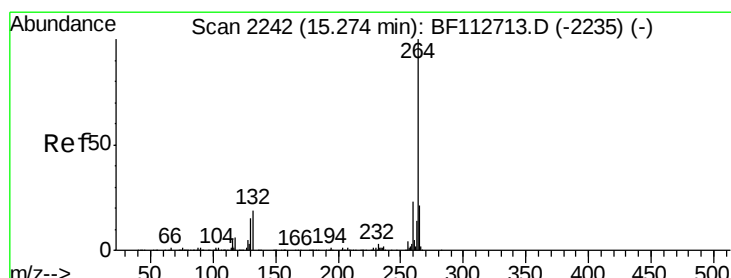
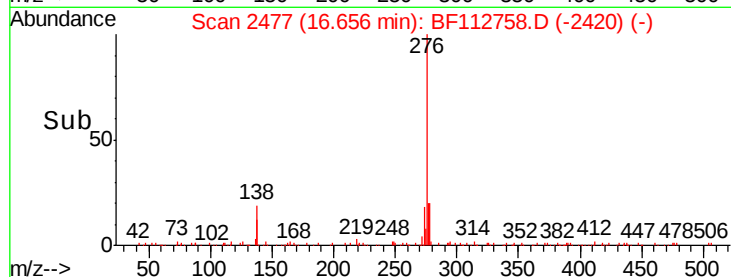
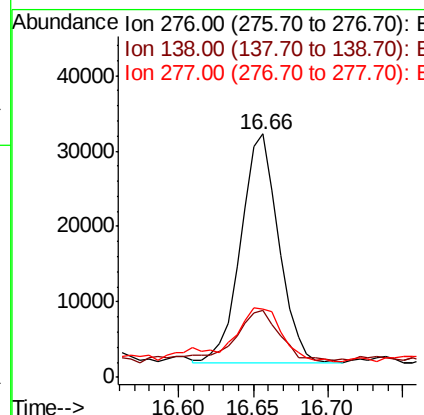
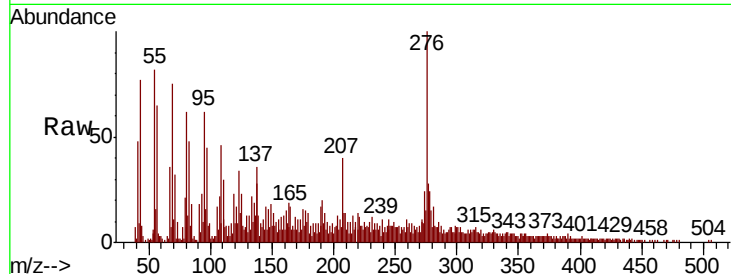
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.133 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. 0.04 min
 Lab File: BF112758.D
 Acq: 28 Feb 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	23.2	34.8
277	26.8	19.9	29.9

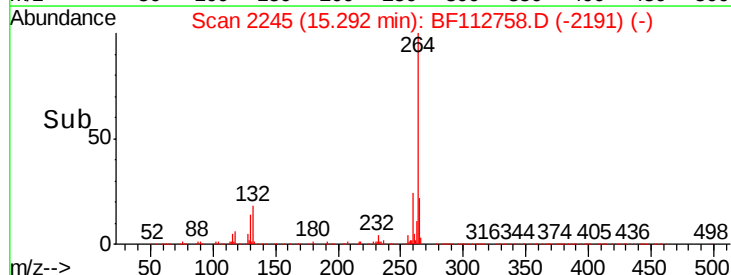
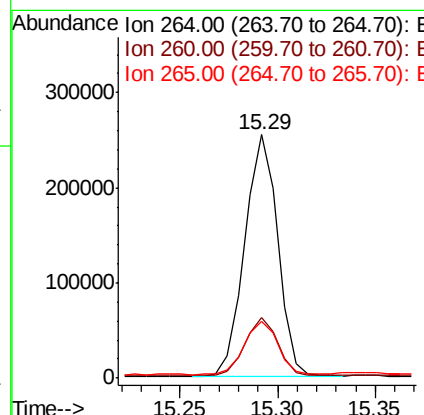
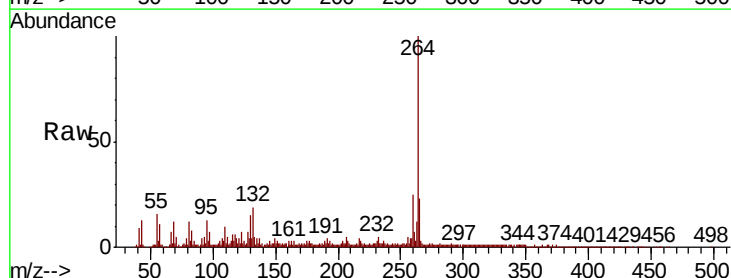
Manual Integrations
 APPROVED

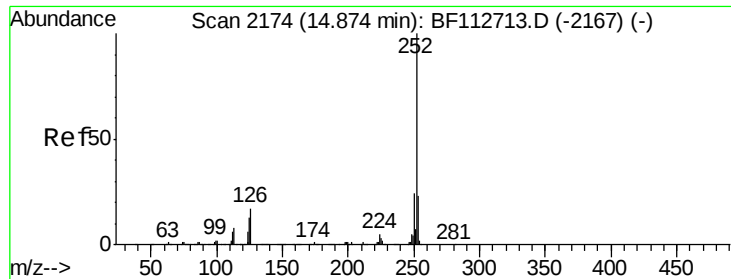
Sohil
 3/1/2019 2:59:55 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: BF112758.D
 Acq: 28 Feb 2019 13:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	23.3	17.2	25.8





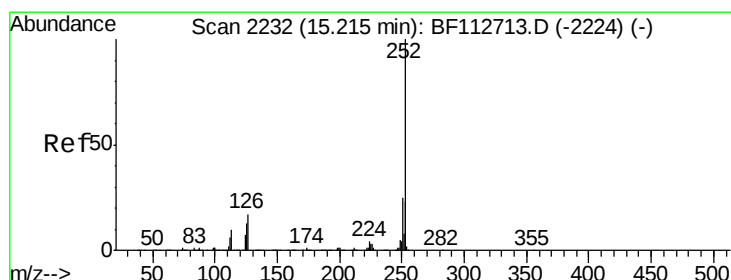
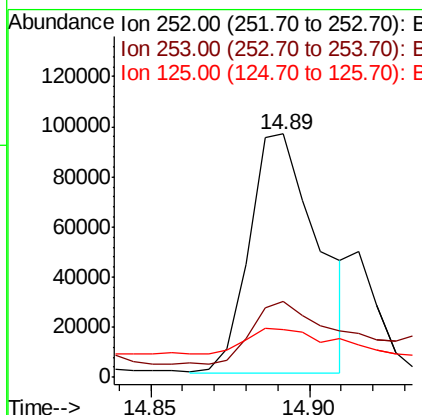
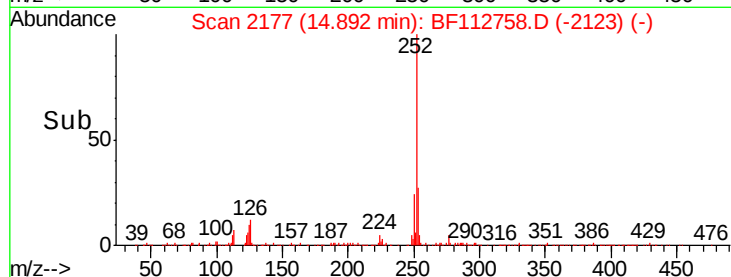
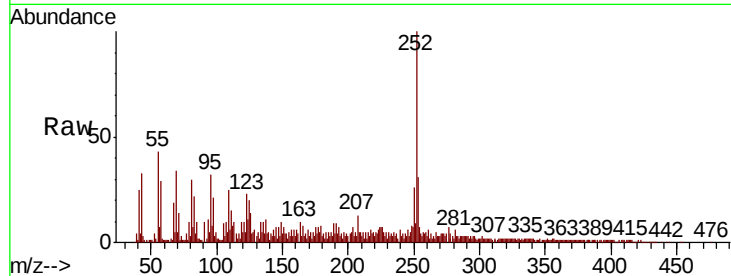
#88
Benzo(b)fluoranthene
Concen: 7.514 ng m
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.0	18.0	27.0#
125	19.6	10.2	15.2#

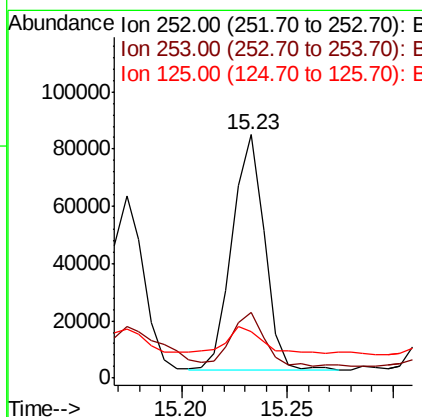
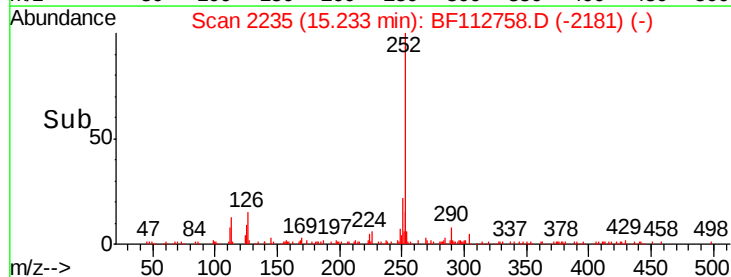
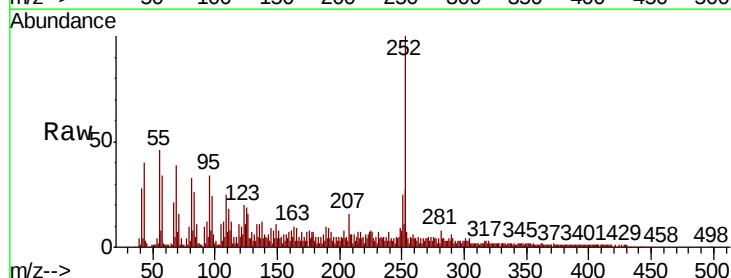
Manual Integrations
APPROVED

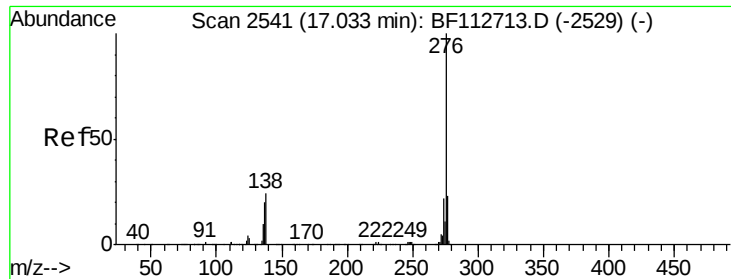
Sohil
3/1/2019 2:59:55 PM



#90
Benzo(a)pyrene
Concen: 5.118 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112758.D
Acq: 28 Feb 2019 13:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0
125	19.1	10.7	16.1#





#92
 Benzo(a,h,i)perylene
 Concen: 3.885 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. 0.03 min
 Lab File: BF112758.D
 Acq: 28 Feb 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.5	18.6	27.8#
138	27.4	19.4	29.0

Manual Integrations
 APPROVED

Sohil
 3/1/2019 2:59:55 PM

