

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107348.D
 Acq On : 12 Jul 2018 19:20
 Operator : JU/SJ
 Sample : J3918-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-255-ETS

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:14 AM

Quant Time: Jul 13 03:39:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	68979	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	237510	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	100825	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	184029	20.00	ng	0.00
75) Chrysene-d12	14.14	240	192609	20.00	ng	0.00
86) Perylene-d12	15.67	264	136410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	512211	125.74	ng	0.01
7) Phenol-d6	6.58	99	630108	123.86	ng	0.00
23) Nitrobenzene-d5	7.50	82	393050	91.97	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	154722	132.40	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	636901	111.52	ng	0.00
78) Terphenyl-d14	13.07	244	710439	89.35	ng	0.00
Target Compounds						
10) Phenol	6.60	94	37307	6.426	ng	99
49) Dimethylphthalate	9.68	163	133452	17.648	ng	98
70) Phenanthrene	11.50	178	27439	3.091	ng	99
74) Fluoranthene	12.70	202	64534	6.596	ng	93
77) Pyrene	12.93	202	65483	5.156	ng	98
80) Benzo(a)anthracene	14.12	228	39028	3.325	ng	98
82) Chrysene	14.16	228	34295	3.176	ng	97
83) Bis(2-ethylhexyl)phthalate	14.08	149	34430	5.157	ng	# 94
87) Benzo(b)fluoranthene	15.21	252	40051m	4.727	ng	
89) Benzo(a)pyrene	15.61	252	26707	3.545	ng	96
91) Benzo(g,h,i)perylene	17.75	276	16113	2.582	ng	# 89

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

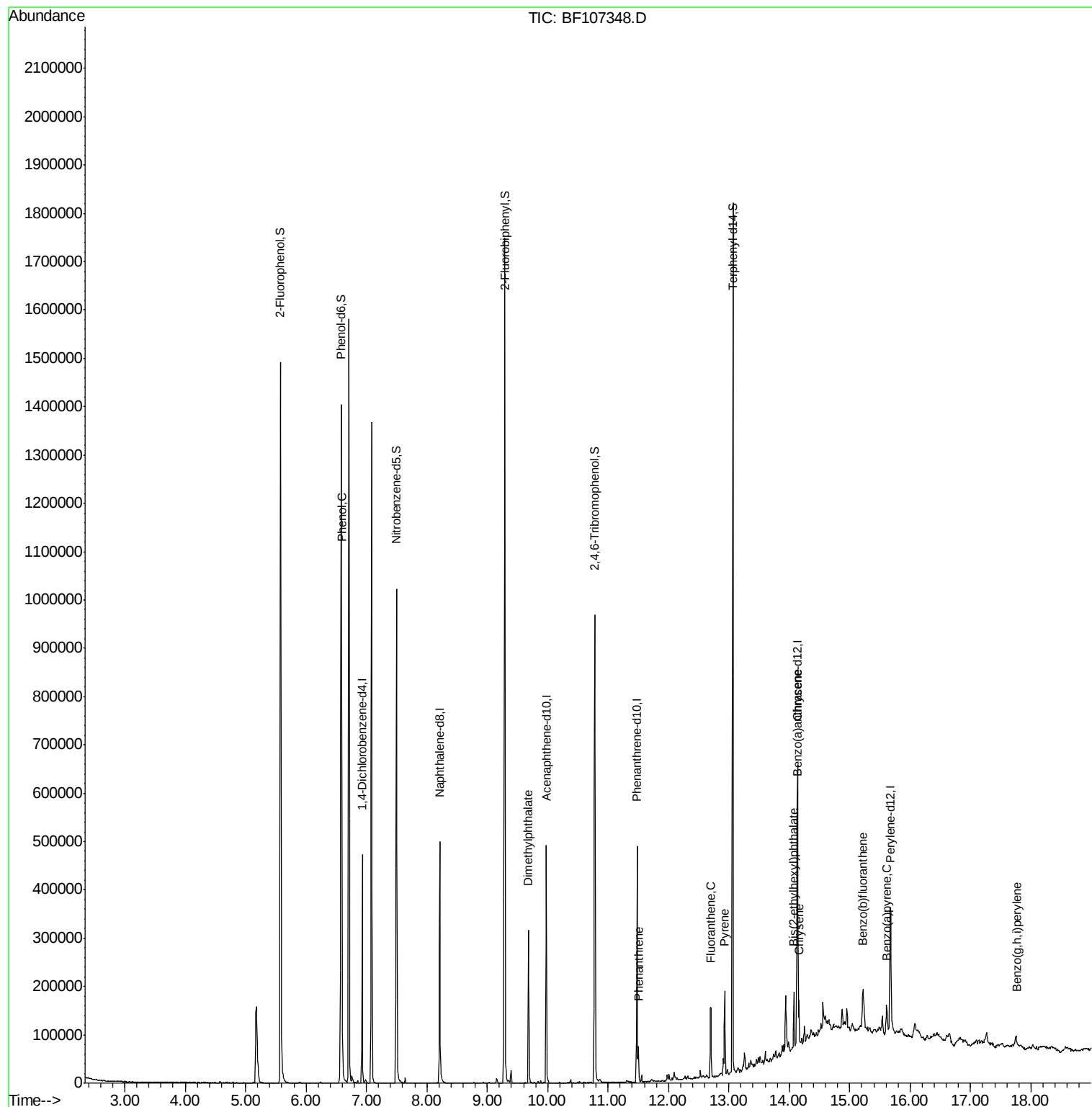
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107348.D
Acq On : 12 Jul 2018 19:20
Operator : JU/SJ
Sample : J3918-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204-255-ETS

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:14 AM

Quant Time: Jul 13 03:39:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration





#1

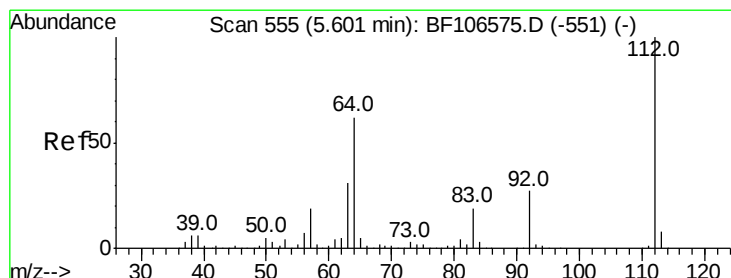
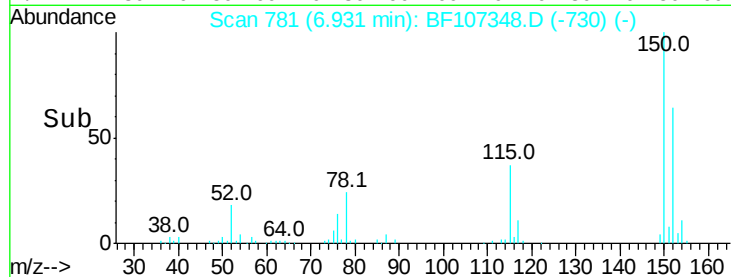
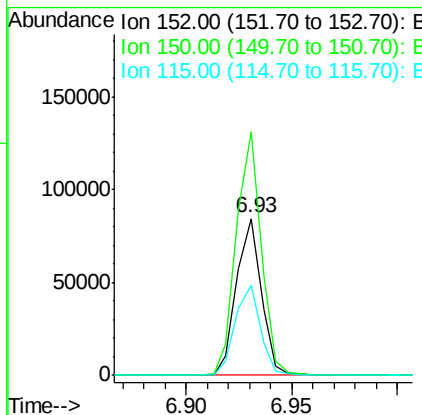
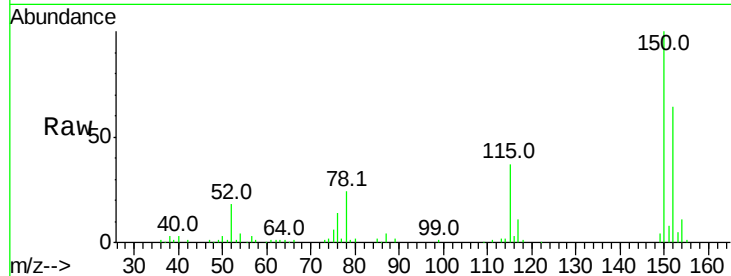
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Instrument :
BNA_F
ClientSampleId :
VNJ-204-255-ETS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	57.4	50.1	75.1

Manual Integrations
APPROVED

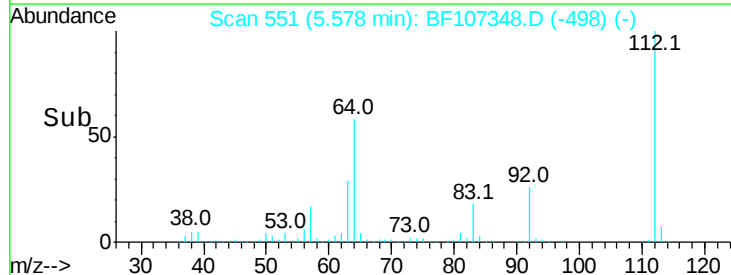
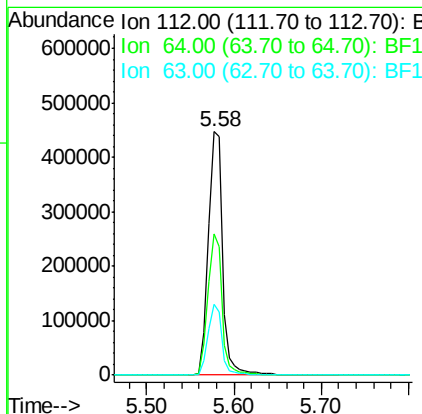
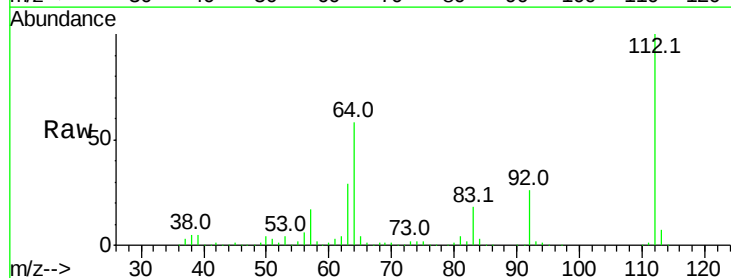
Sohil
7/13/2018 11:17:14 AM



#5

2-Fluorophenol
Concen: 125.739 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 123.863 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107348.D

Acq: 12 Jul 2018 19:20

Instrument :

BNA_F

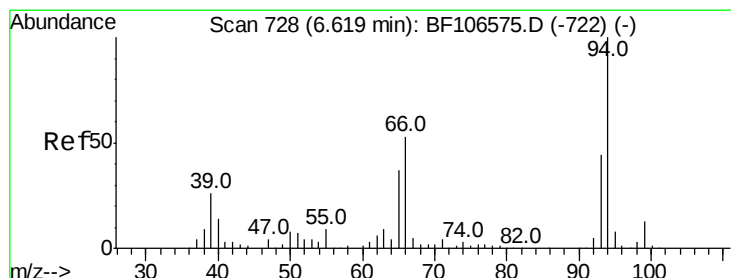
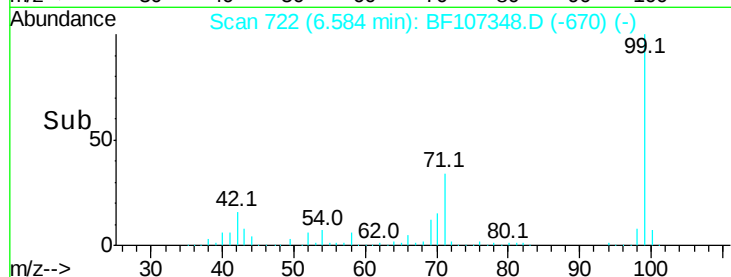
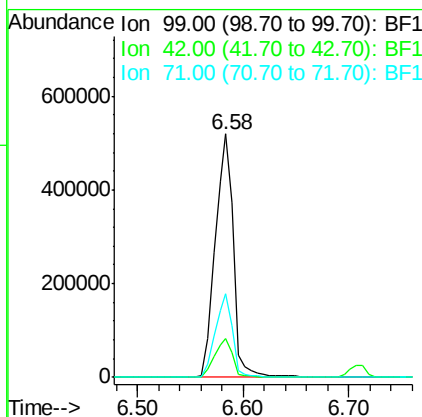
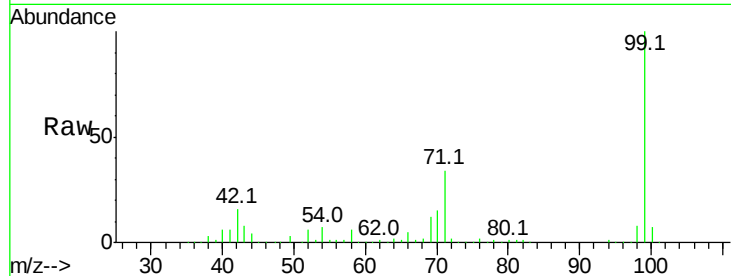
ClientSampleId :

VNJ-204-255-ETS

Tot Ion:	99	Resp:	630108
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	34.1	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:14 AM



#10

Phenol

Concen: 6.426 ng

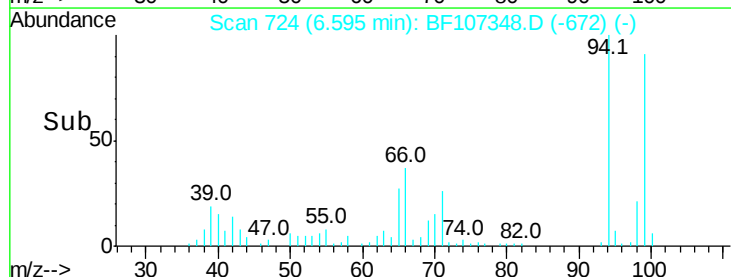
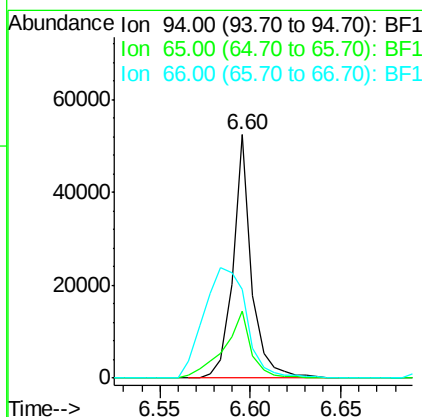
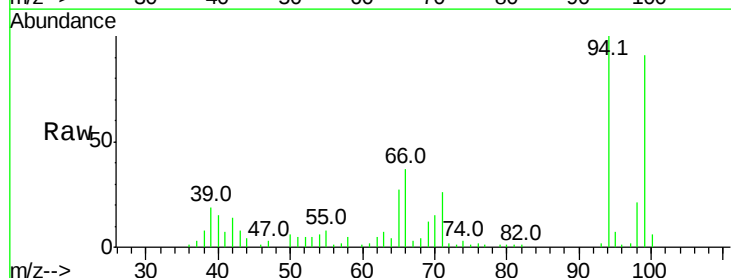
RT: 6.60 min Scan# 724

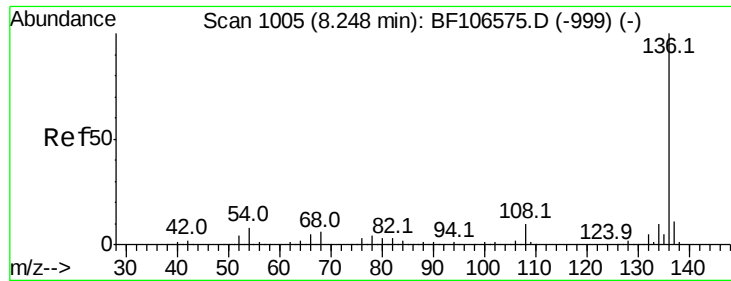
Delta R.T. 0.01 min

Lab File: BF107348.D

Acq: 12 Jul 2018 19:20

Tgt Ion:	94	Resp:	37307
Ion Ratio	Lower	Upper	
94	100		
65	27.4	7.9	47.9
66	36.5	16.2	56.2





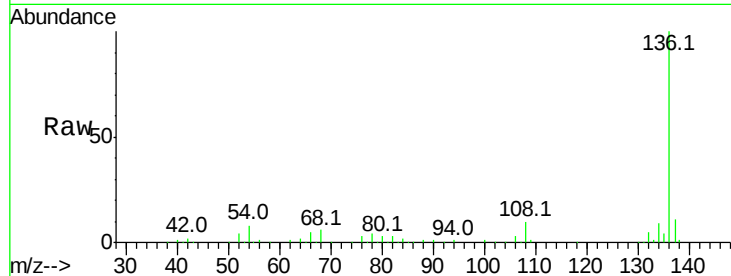
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Instrument :
BNA_F
ClientSampleId :
VNJ-204-255-ETS

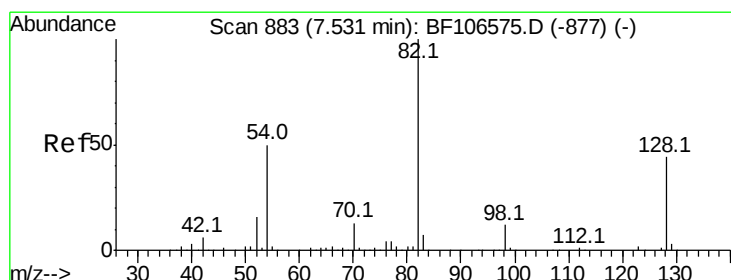
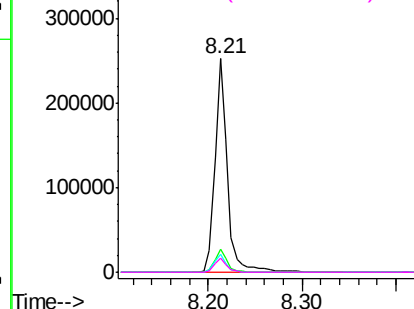
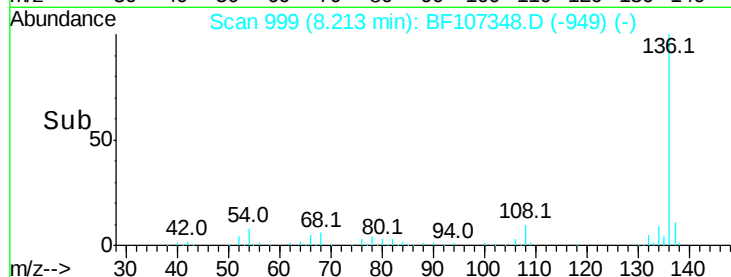
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	8.3	6.6	9.8	
68	6.5	5.0	7.4	

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:14 AM

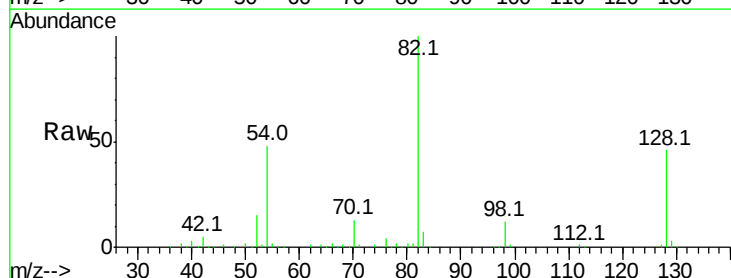


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

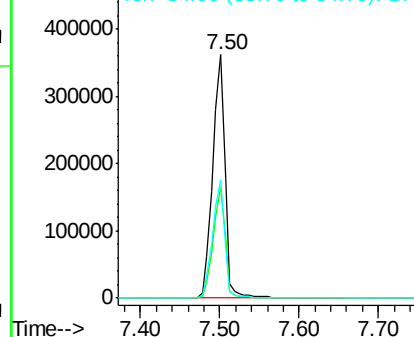
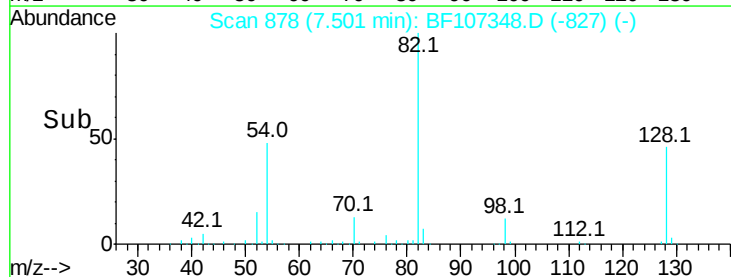


#23
Nitrobenzene-d5
Concen: 91.967 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	36.1	54.1	
54	48.4	41.4	62.2	



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





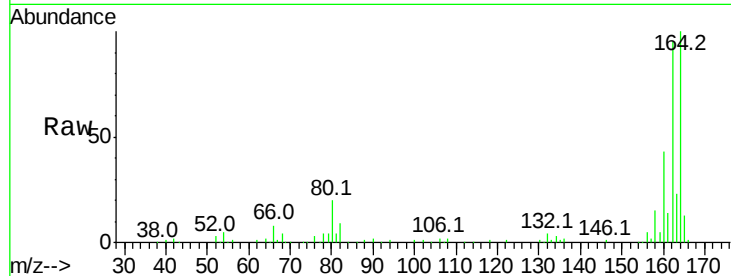
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF107348.D
 Acq: 12 Jul 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-255-ETS

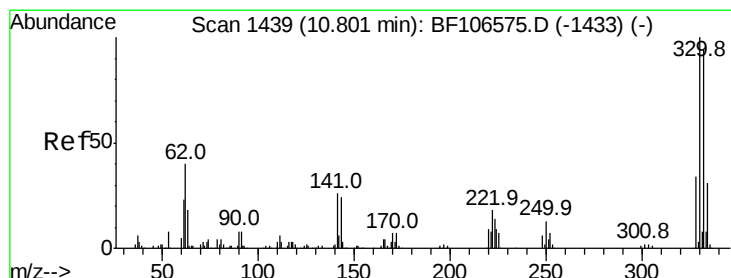
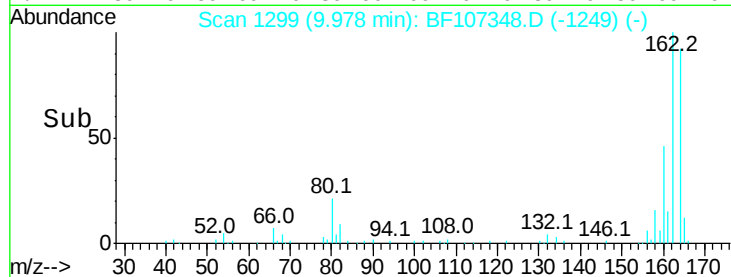
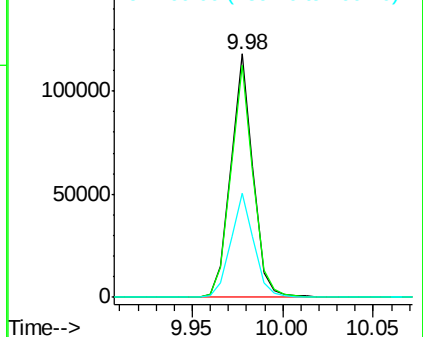
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	95.1	86.1	129.1	
160	42.9	38.3	57.5	

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:14 AM

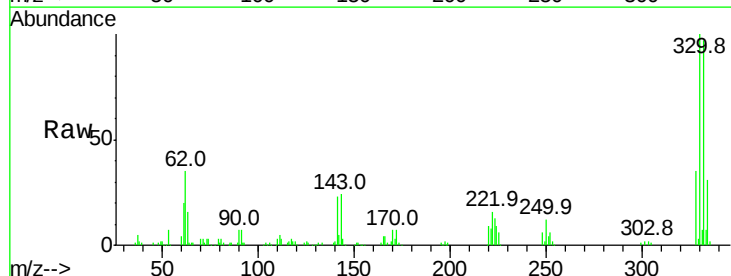


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

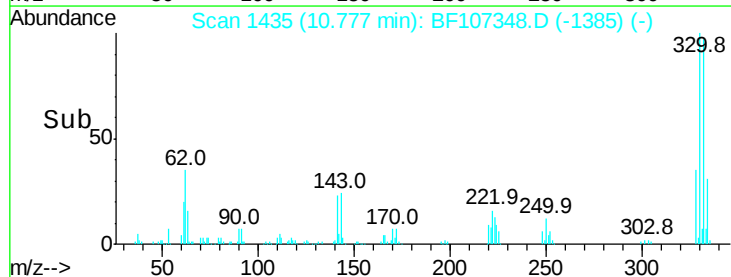
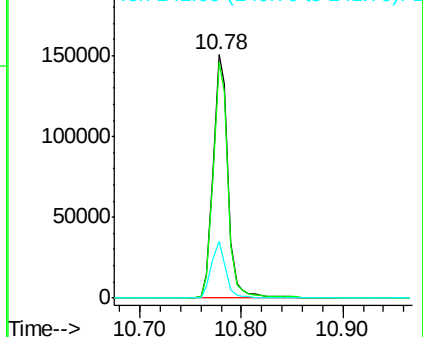


#41
 2,4,6-Tribromophenol
 Concen: 132.401 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107348.D
 Acq: 12 Jul 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	22.2	29.9	44.9#	



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





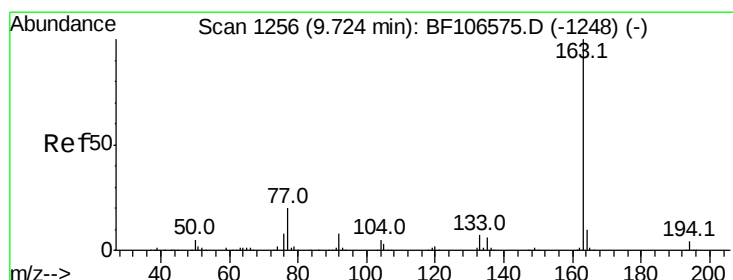
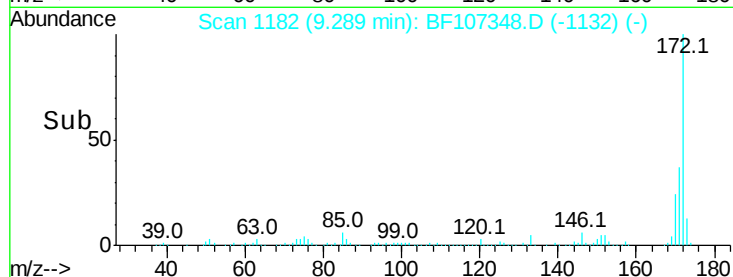
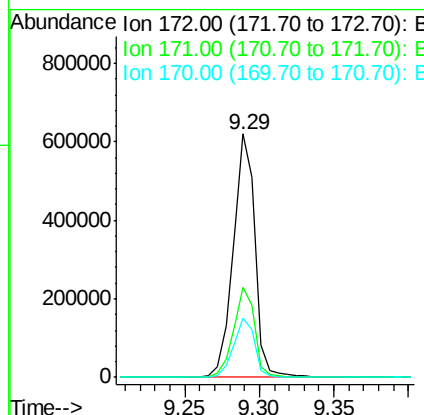
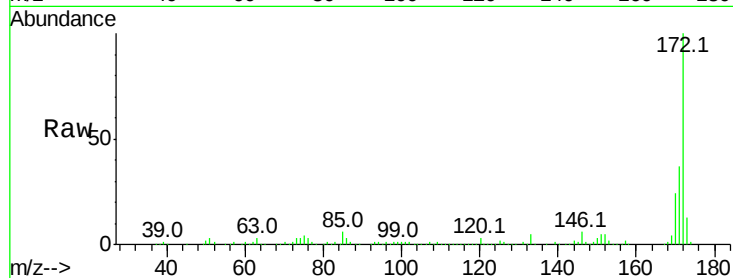
#44
 2-Fluorobiphenyl
 Concen: 111.525 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107348.D
 Acq: 12 Jul 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-255-ETS

Tot Ion:	172	Resp:	636901
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4

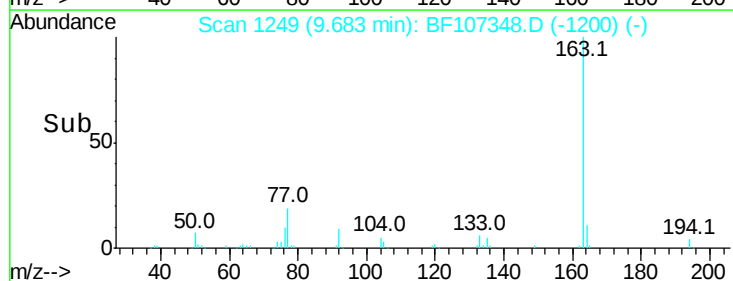
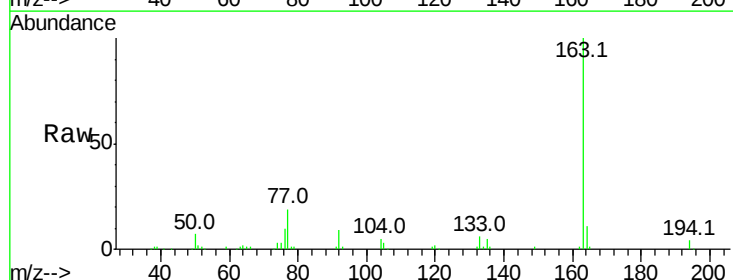
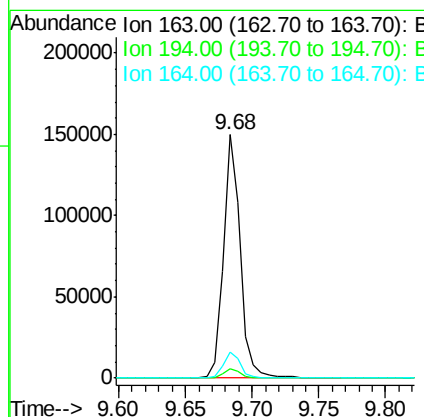
Manual Integrations
 APPROVED

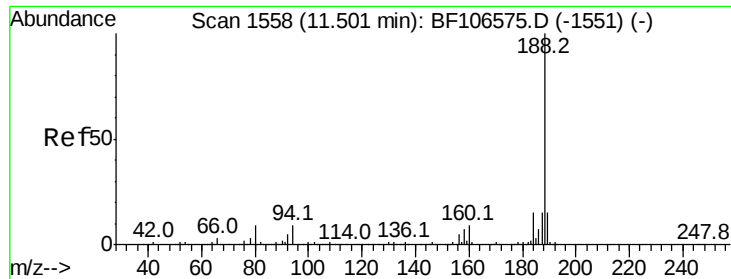
Sohil
 7/13/2018 11:17:14 AM



#49
 Dimethylphthalate
 Concen: 17.648 ng
 RT: 9.68 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF107348.D
 Acq: 12 Jul 2018 19:20

Tgt Ion:	163	Resp:	133452
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.8	8.2	12.2





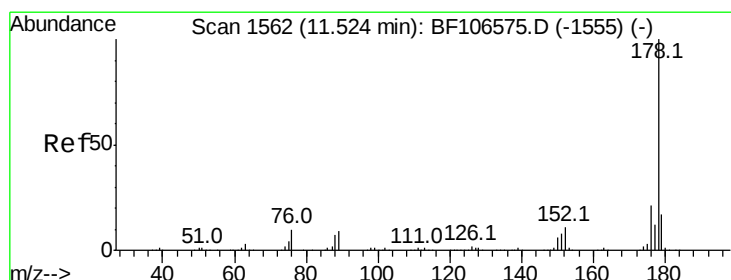
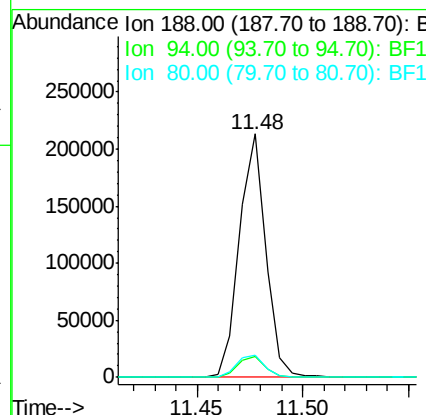
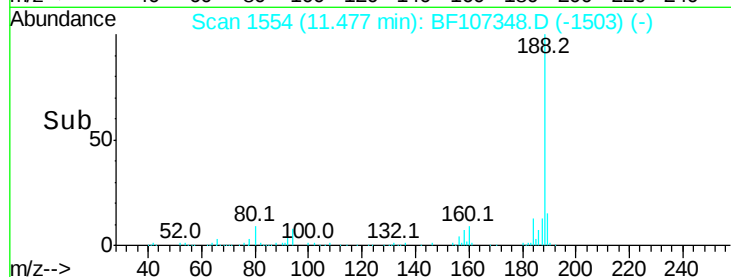
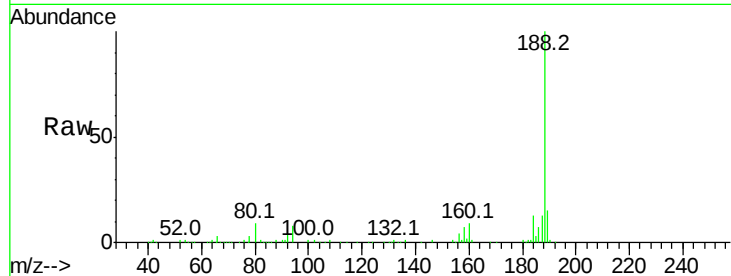
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Instrument :
BNA_F
ClientSampleId :
VNJ-204-255-ETS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	184029		
94	8.5		8.5	12.7
80	9.2		9.2	13.8

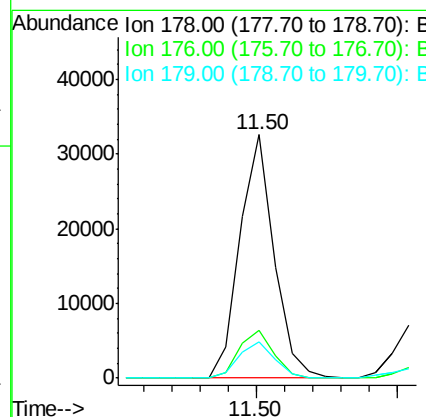
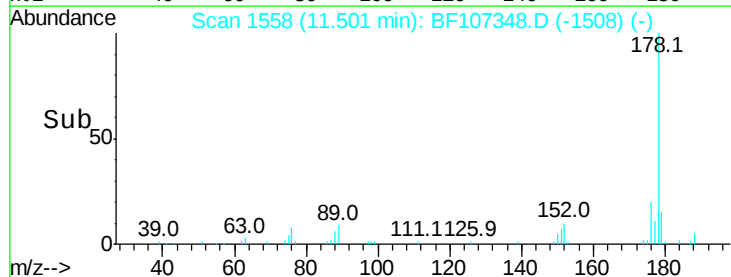
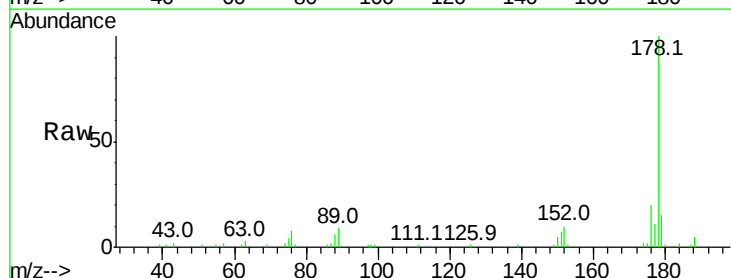
Manual Integrations
APPROVED

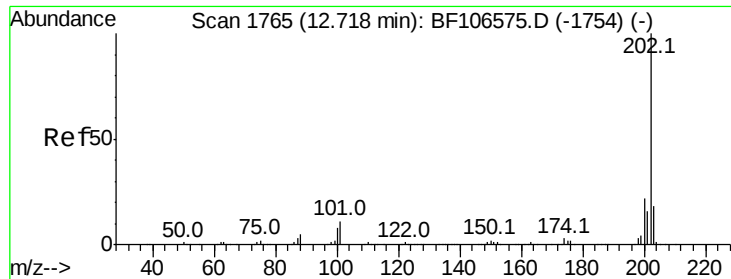
Sohil
7/13/2018 11:17:14 AM



#70
Phenanthrene
Concen: 3.091 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	27439		
176	19.8		15.8	23.8
179	15.1		13.0	19.6





#74

Fluoranthene

Concen: 6.596 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF107348.D

Acq: 12 Jul 2018 19:20

Instrument :

BNA_F

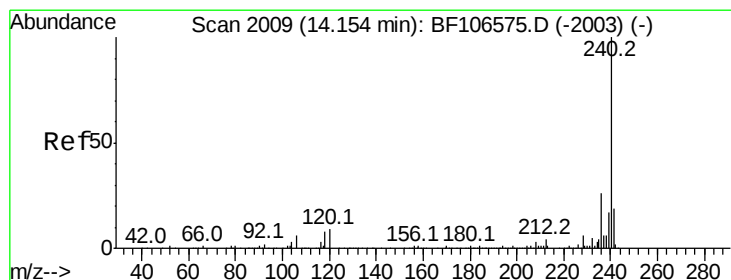
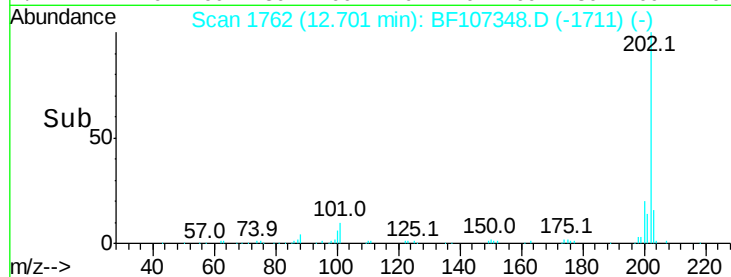
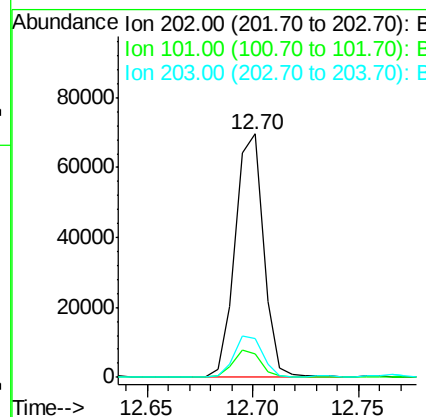
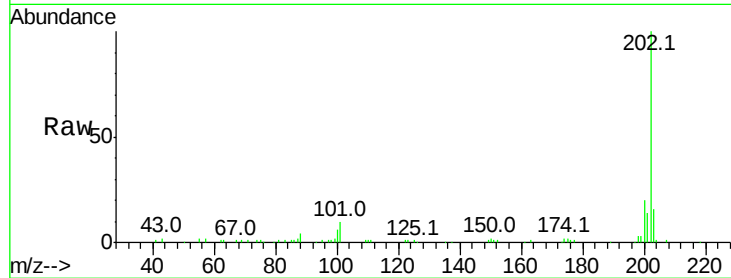
ClientSampleId :

VNJ-204-255-ETS

Tot Ion:	202	Resp:	64534
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	34.1
203	16.1	0.0	38.1

Manual Integrations
APPROVED

Sohil
7/13/2018 11:17:14 AM



#75

Chrysene-d12

Concen: 20.000 ng

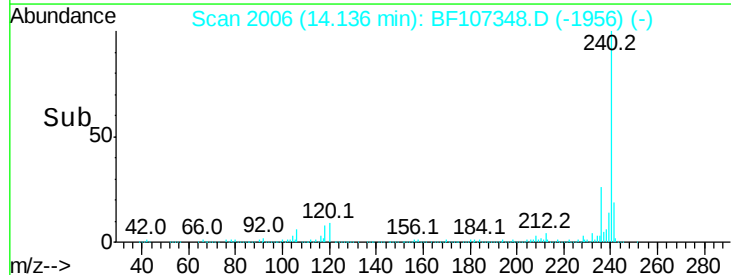
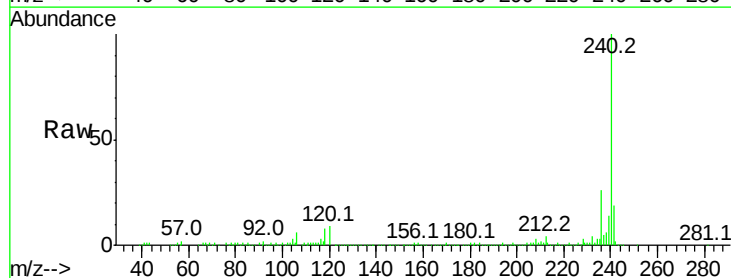
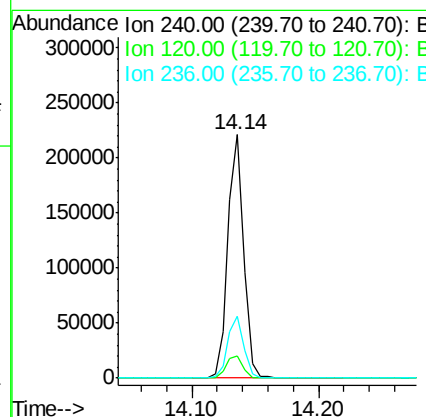
RT: 14.14 min Scan# 2006

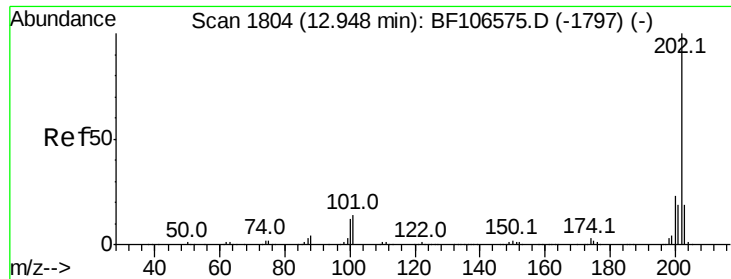
Delta R.T. -0.01 min

Lab File: BF107348.D

Acq: 12 Jul 2018 19:20

Tgt Ion:	240	Resp:	192609
Ion Ratio	Lower	Upper	
240	100		
120	8.9	9.5	14.3#
236	25.5	20.7	31.1





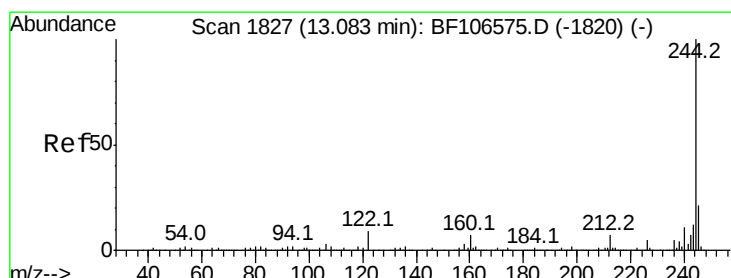
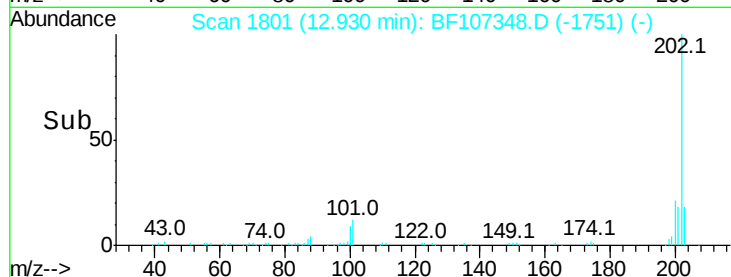
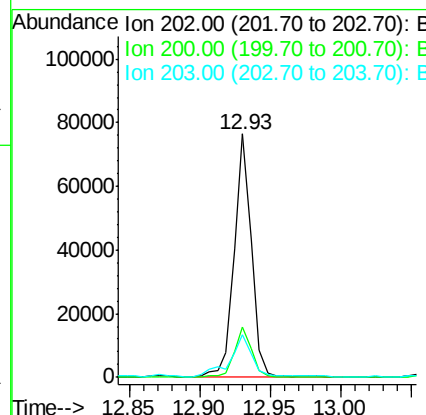
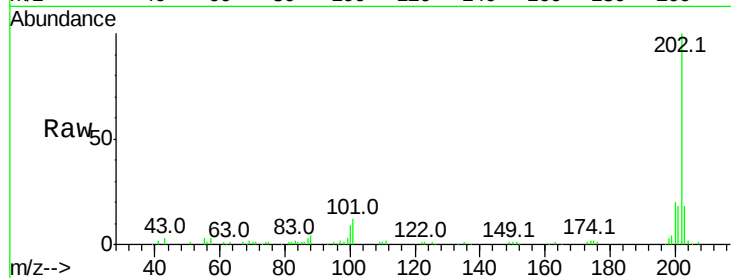
#77
Pvrene
Concen: 5.156 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Instrument :
BNA_F
ClientSampleId :
VNJ-204-255-ETS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.6	14.3	21.5

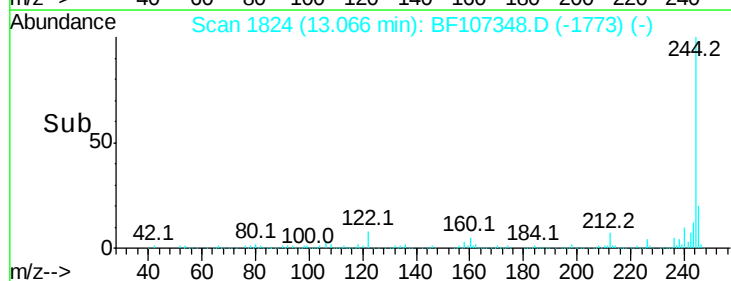
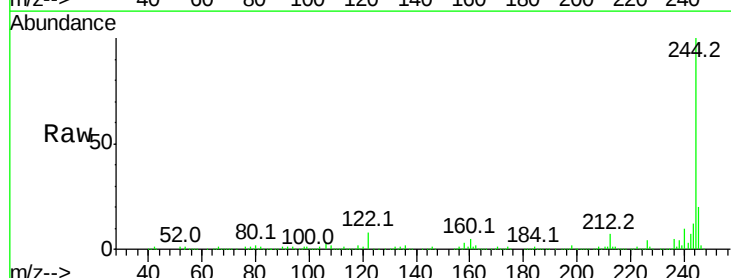
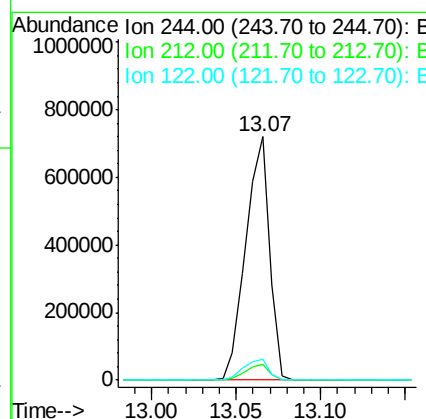
Manual Integrations
APPROVED

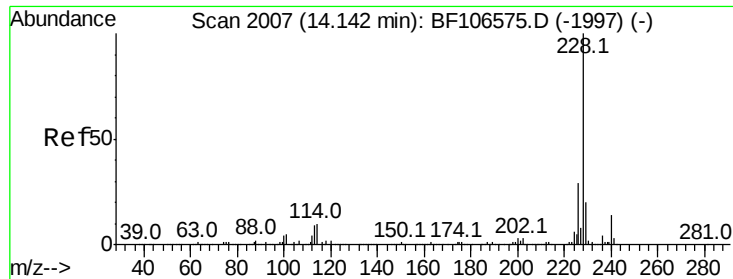
Sohil
7/13/2018 11:17:14 AM



#78
Terphenyl-d14
Concen: 89.347 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.4	11.0	16.4





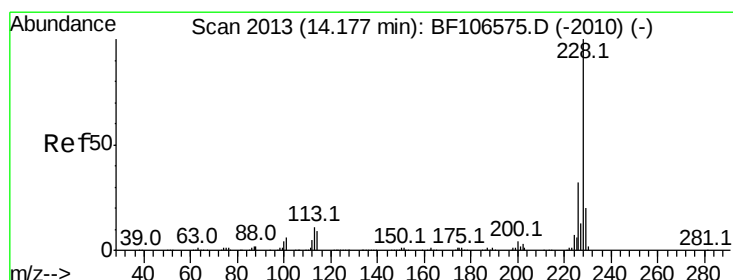
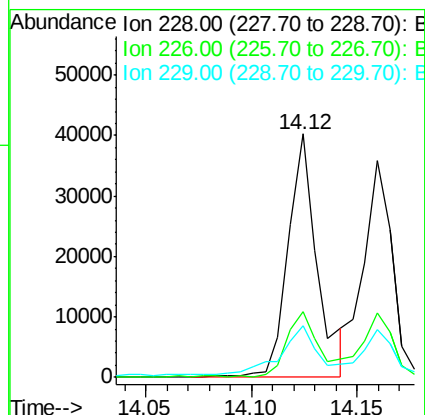
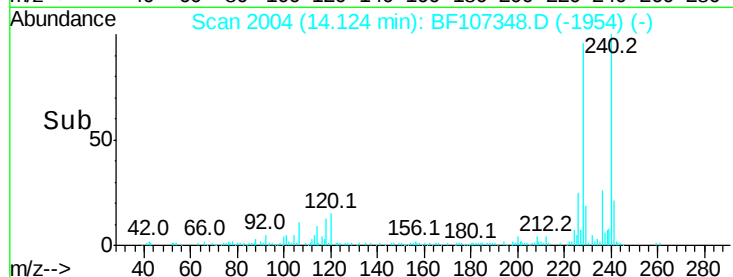
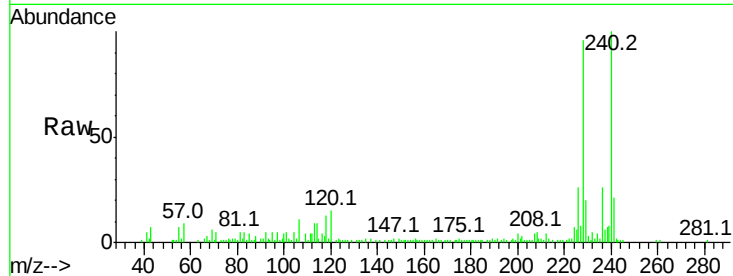
#80
Benzo(a)anthracene
Concen: 3.325 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Instrument :
BNA_F
ClientSampleId :
VNJ-204-255-ETS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	21.1	15.8	23.6

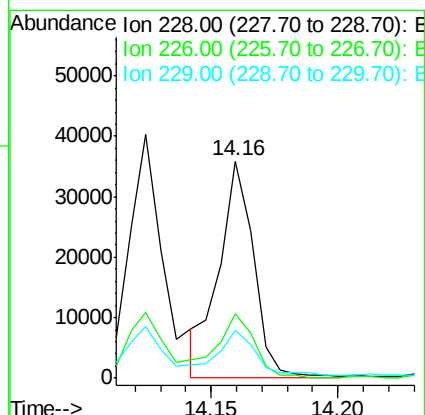
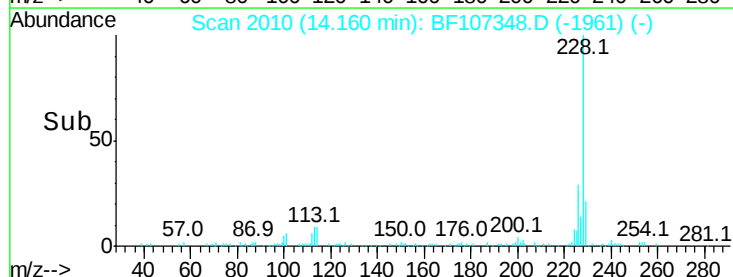
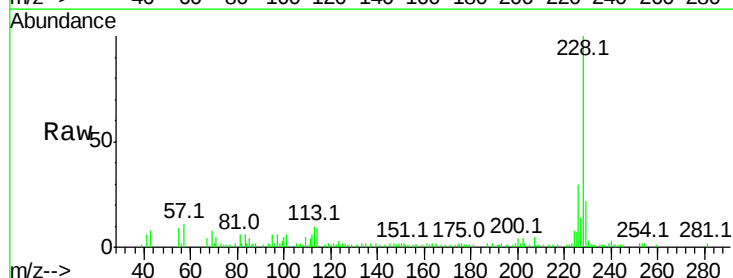
Manual Integrations
APPROVED

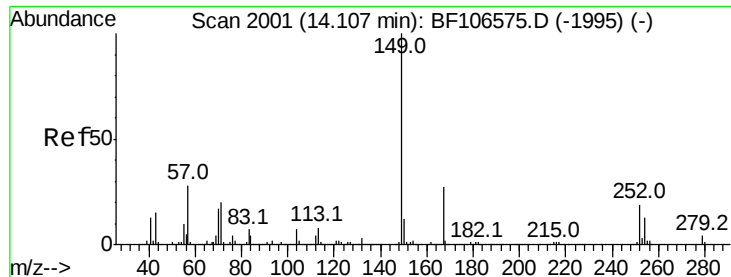
Sohil
7/13/2018 11:17:14 AM



#82
Chrysene
Concen: 3.176 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.157 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF107348.D

Acq: 12 Jul 2018 19:20

Instrument :

BNA_F

ClientSampleId :

VNJ-204-255-ETS

Tot Ion:149 Resp: 34430

Ion Ratio Lower Upper

149 100

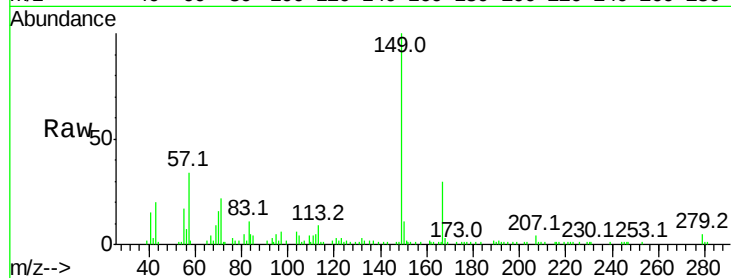
167 29.9 21.3 31.9

279 5.3 3.0 4.4#

Manual Integrations
APPROVED

Sohil

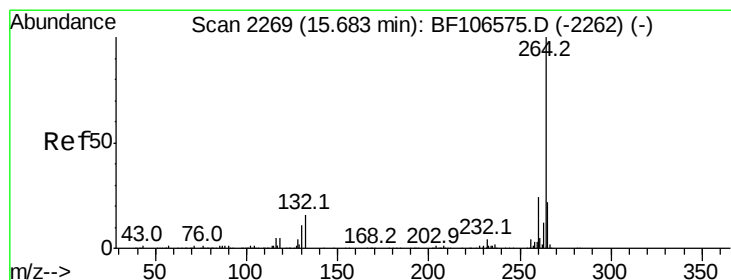
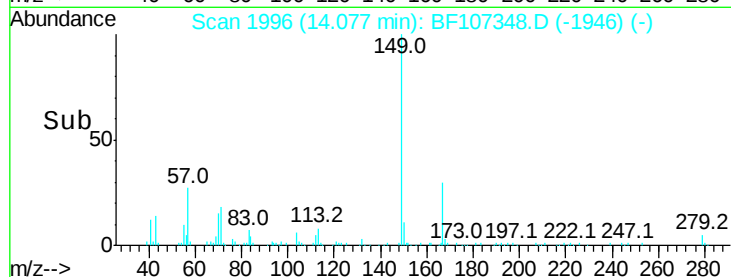
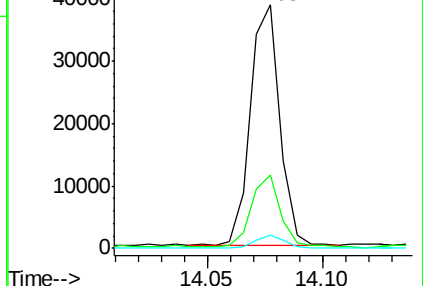
7/13/2018 11:17:14 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF107348.D

Acq: 12 Jul 2018 19:20

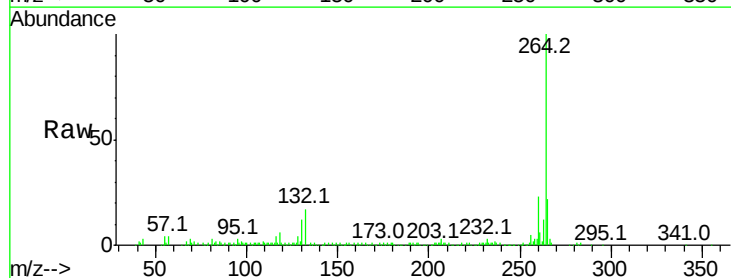
Tgt Ion:264 Resp: 136410

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

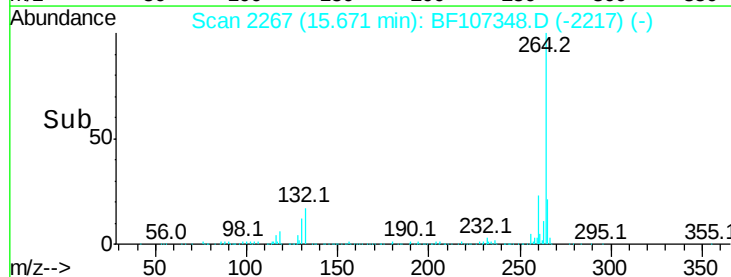
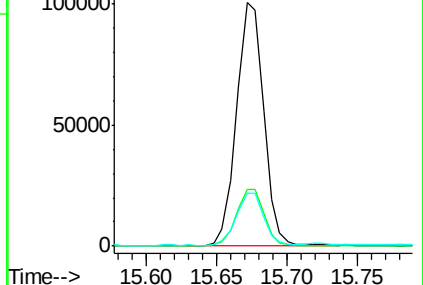
265 21.7 17.5 26.3

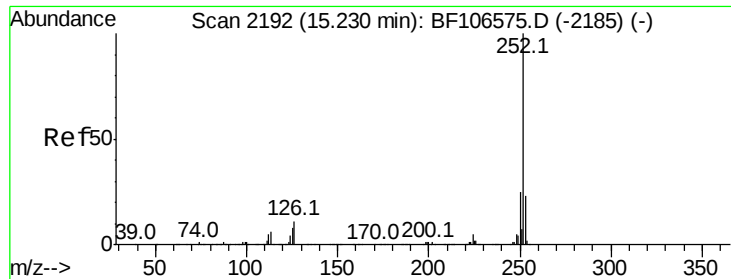


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





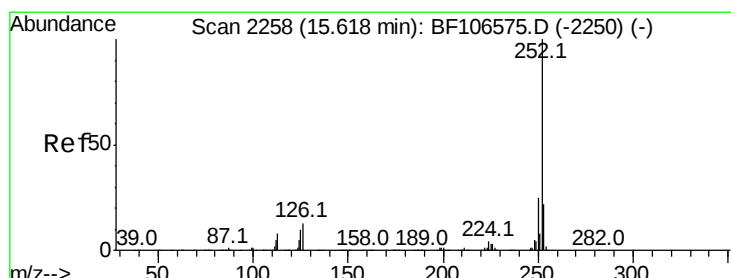
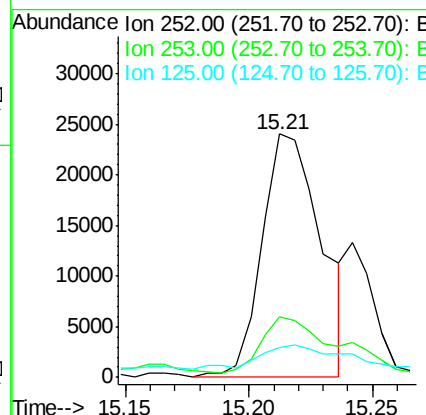
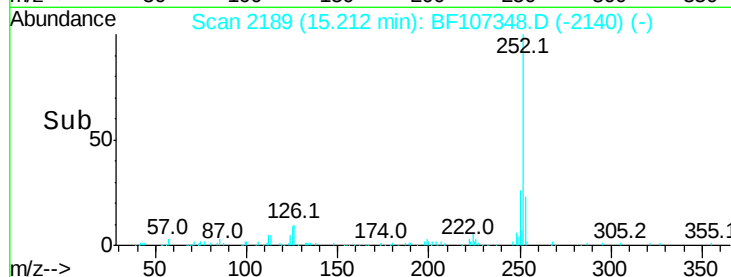
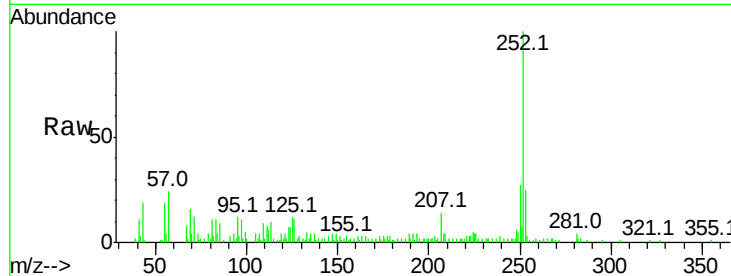
#87
Benzo(b)fluoranthene
Concen: 4.727 ng/mL
RT: 15.21 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Instrument :
BNA_F
ClientSampleId :
VNJ-204-255-ETS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	12.5	9.0	13.6

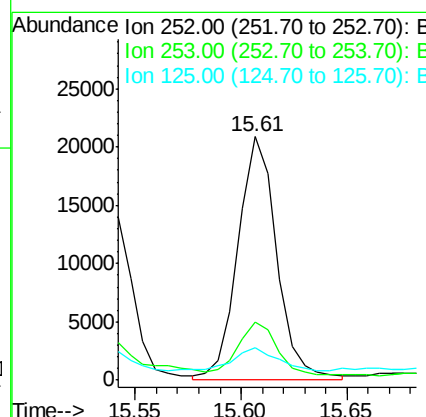
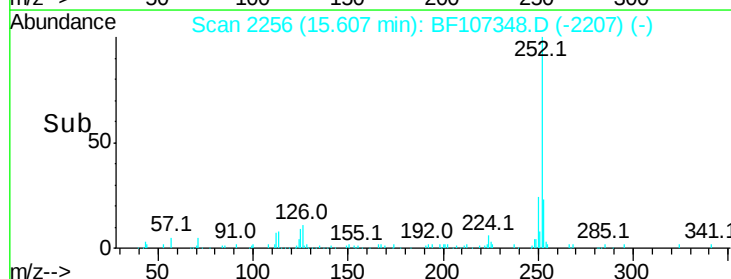
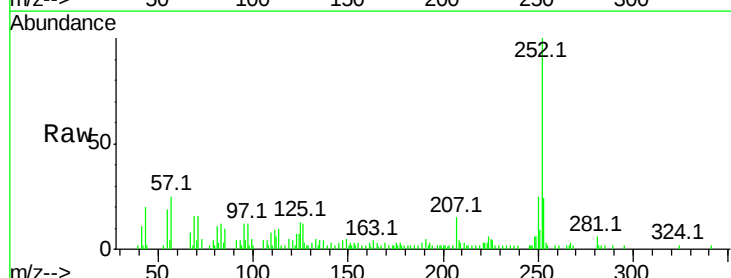
Manual Integrations
APPROVED

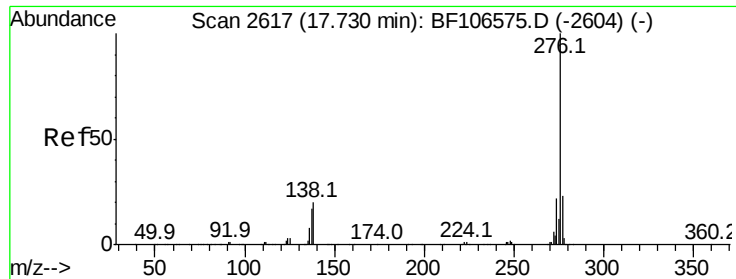
Sohil
7/13/2018 11:17:14 AM



#89
Benzo(a)pyrene
Concen: 3.545 ng/mL
RT: 15.61 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF107348.D
Acq: 12 Jul 2018 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	13.2	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.582 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107348.D
 Acq: 12 Jul 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-255-ETS

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.4	17.9	26.9#
138	22.7	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:14 AM

