

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111748.D
 Acq On : 27 Dec 2018 7:39
 Operator : JU/SJ
 Sample : J6426-17DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 P001-SS013C-3642-01DL

Manual Integrations
 APPROVED

Sohil
 12/27/2018 1:58:28 PM

Quant Time: Jan 04 06:24:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 11:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	128270	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	417480	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	194347	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	371801	20.00	ng	0.00
76) Chrysene-d12	14.07	240	245323	20.00	ng	0.00
87) Perylene-d12	15.56	264	206029	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	204738	27.21	ng	0.02
7) Phenol-d6	6.54	99	309189	32.28	ng	0.00
23) Nitrobenzene-d5	7.46	82	329148	45.89	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	125323	54.57	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	588653	44.15	ng	0.00
79) Terphenyl-d14	13.02	244	594278	45.94	ng	0.00
Target Compounds						
10) Phenol	6.56	94	42210	3.906	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	189864	26.358	ng	96
31) Naphthalene	8.21	128	591859	29.505	ng	98
37) 2-Methylnaphthalene	8.90	142	517542	39.656	ng	98
38) 1-Methylnaphthalene	9.00	142	284231m	22.677	ng	
46) 1,1'-Biphenyl	9.36	154	102531	6.250	ng	92
50) Dimethylphthalate	9.65	163	63275	4.452	ng	# 94
58) Fluorene	10.49	166	39939	3.134	ng	# 88
71) Phenanthrene	11.46	178	182997	9.281	ng	95

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

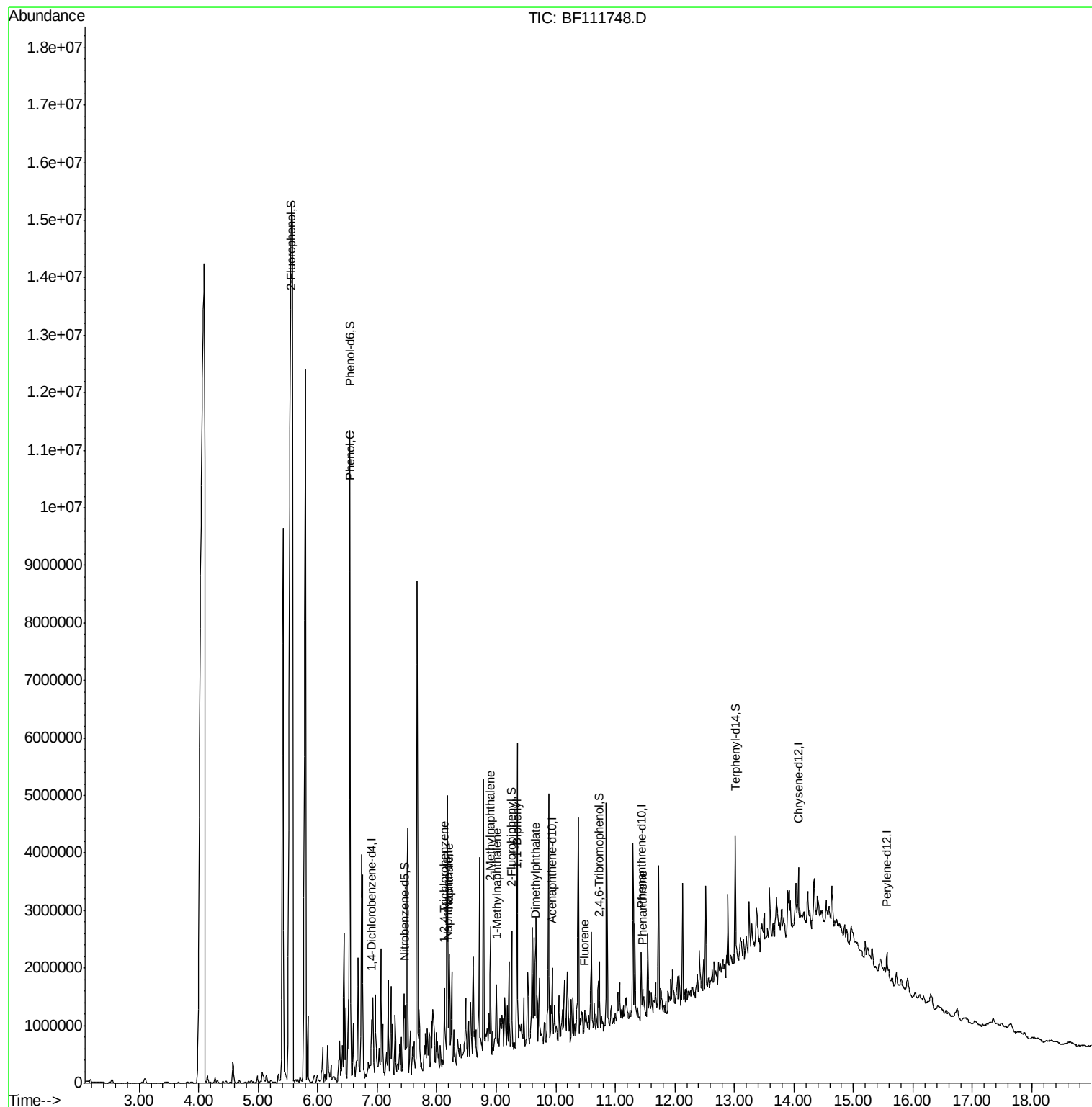
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111748.D
Acq On : 27 Dec 2018 7:39
Operator : JU/SJ
Sample : J6426-17DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

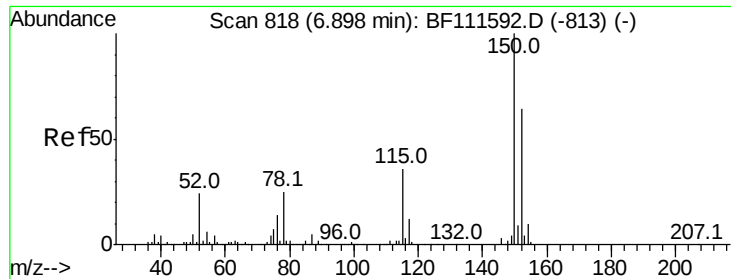
Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3642-01DL

Manual Integrations
APPROVED

Sohil
12/27/2018 1:58:28 PM

Quant Time: Jan 04 06:24:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 11:05:37 2018
Response via : Initial Calibration





#1

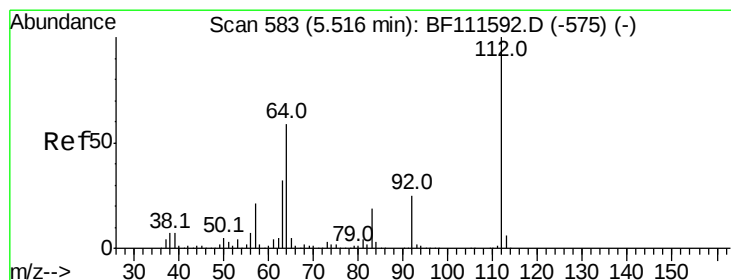
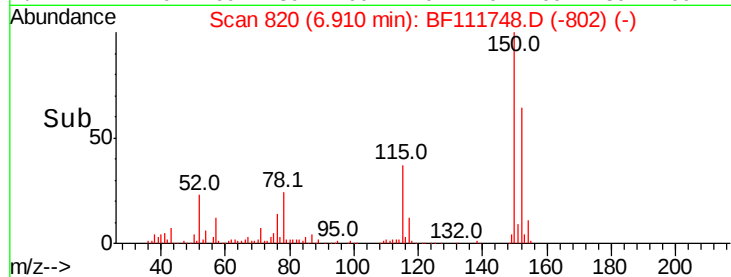
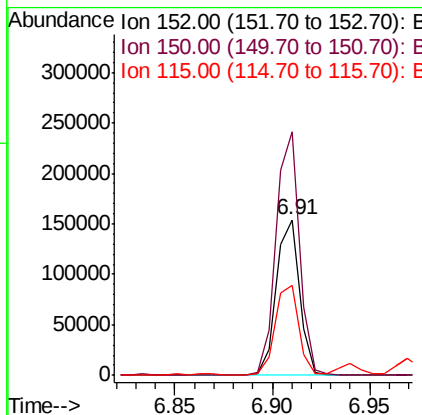
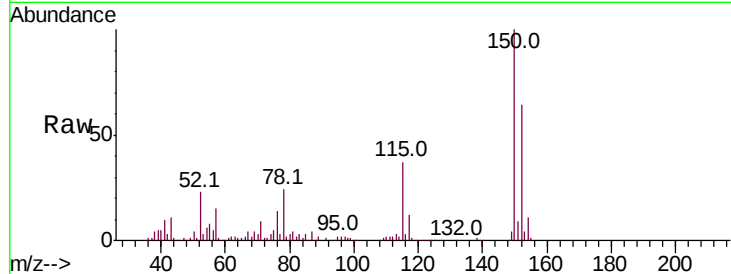
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3642-01DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	57.9	50.7	76.1

Manual Integrations
APPROVED

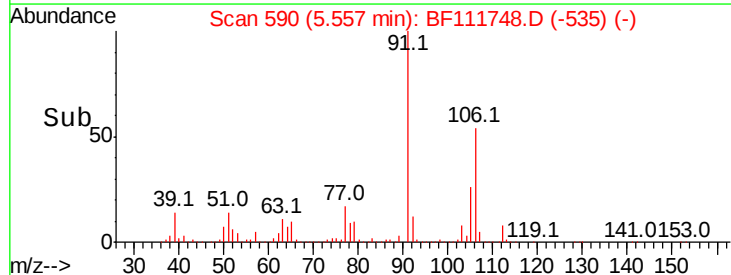
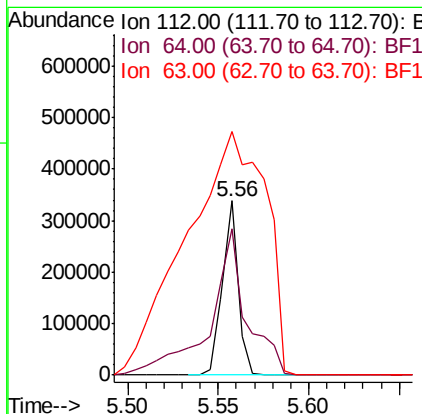
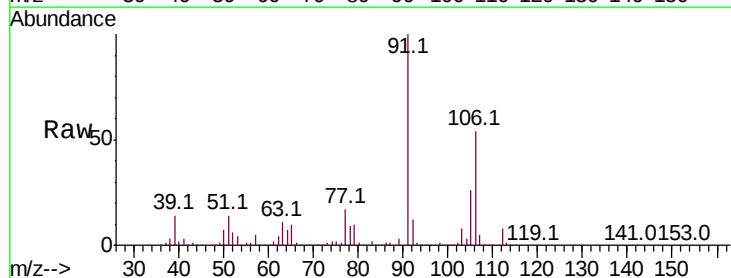
Sohil
12/27/2018 1:58:28 PM

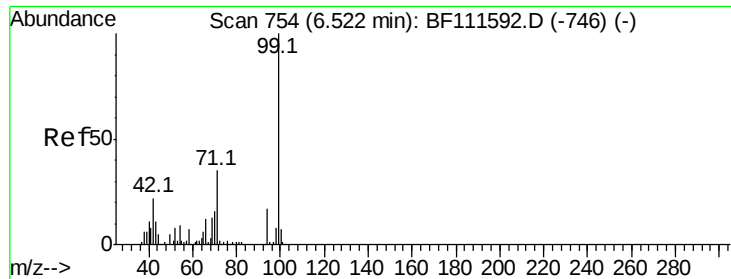


#5

2-Fluorophenol
Concen: 27.207 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.0	51.8	77.6#
63	139.6	26.8	40.2#





#7

Phenol-d6

Concen: 32.285 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111748.D

Acq: 27 Dec 2018 7:39

Instrument :

BNA_F

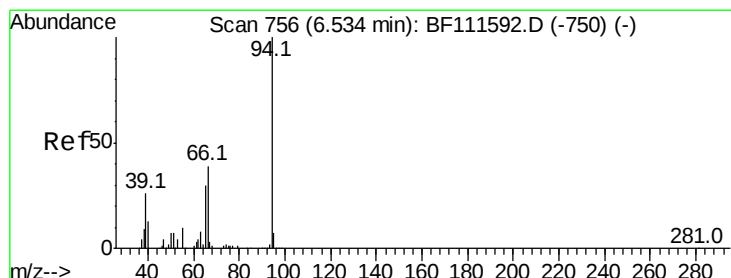
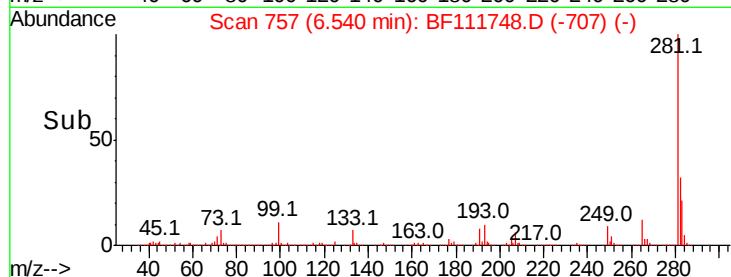
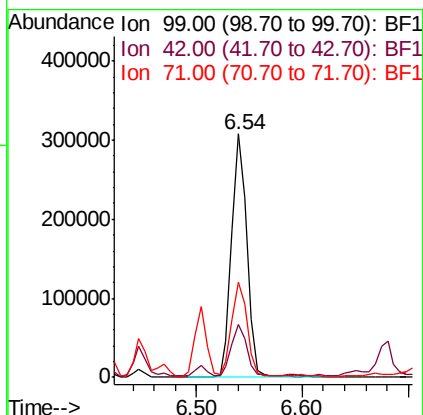
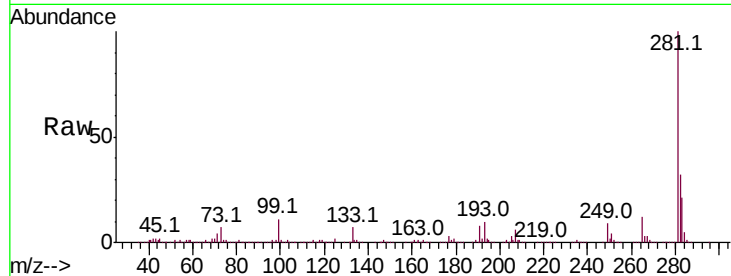
ClientSampleId :

P001-SS013C-3642-01DL

Tot Ion	99	Resp	309189
Ion Ratio	Lower	Upper	
99	100		
42	21.6	17.4	26.0
71	38.8	26.1	39.1

Manual Integrations
APPROVED

Sohil
12/27/2018 1:58:28 PM



#10

Phenol

Concen: 3.906 ng

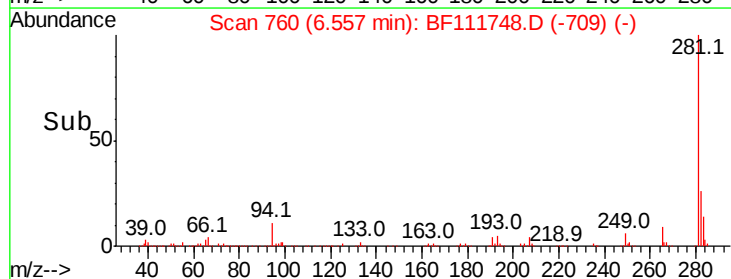
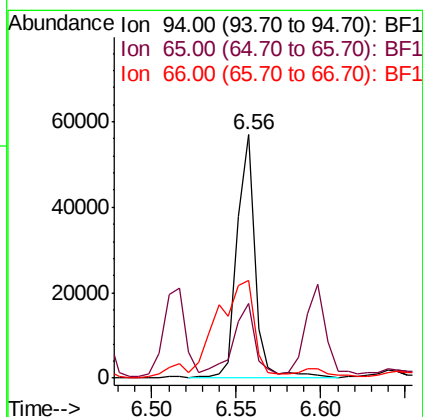
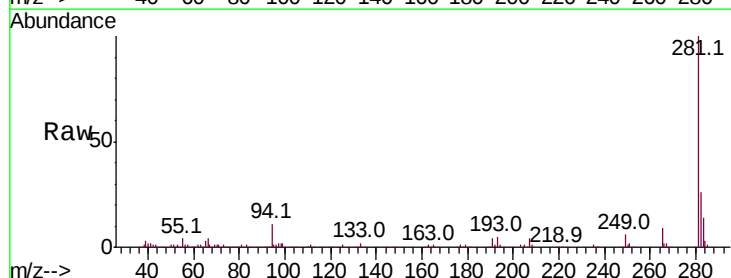
RT: 6.56 min Scan# 760

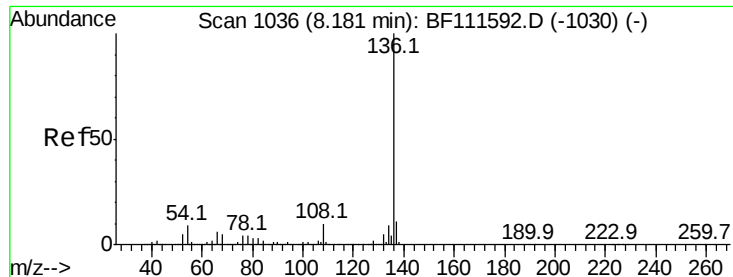
Delta R.T. 0.00 min

Lab File: BF111748.D

Acq: 27 Dec 2018 7:39

Tgt Ion	94	Resp	42210
Ion Ratio	Lower	Upper	
94	100		
65	30.5	11.7	51.7
66	40.1	21.0	61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF111748.D

Acq: 27 Dec 2018 7:39

Instrument :

BNA_F

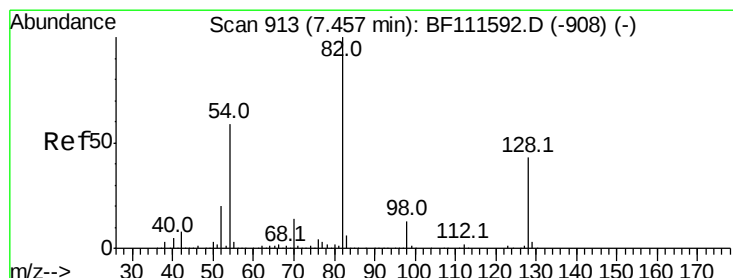
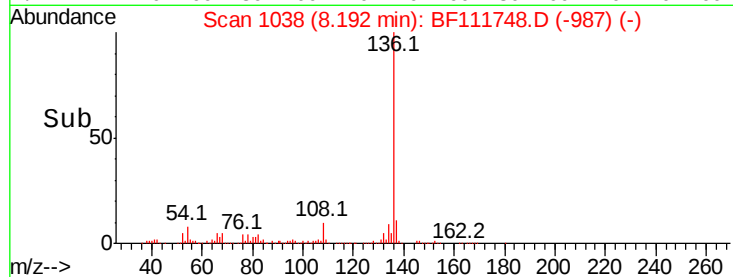
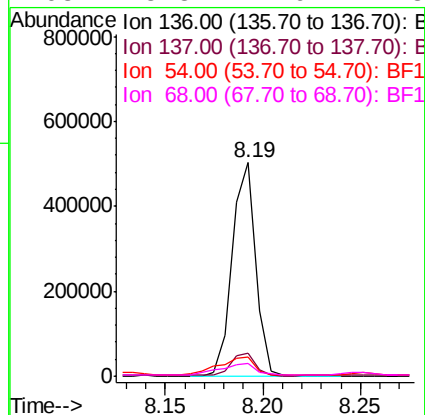
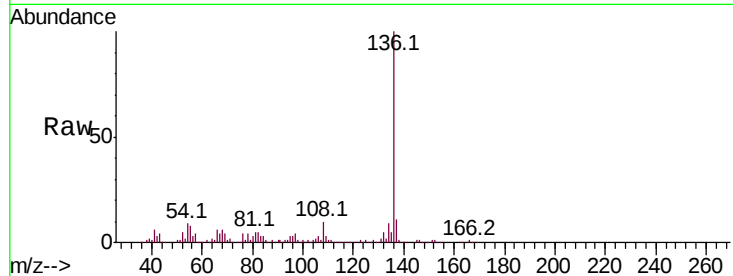
ClientSampleId :

P001-SS013C-3642-01DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.8	7.7	11.5
68	5.8	4.9	7.3

Manual Integrations
APPROVED

Sohil
12/27/2018 1:58:28 PM



#23

Nitrobenzene-d5

Concen: 45.892 ng

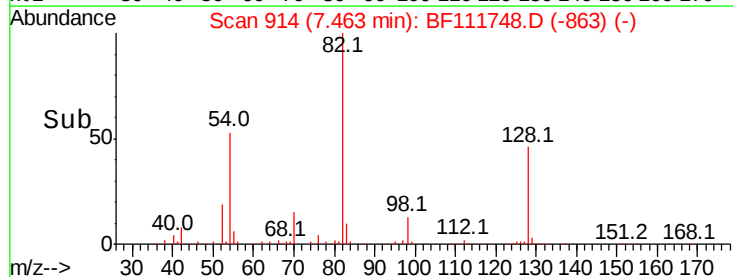
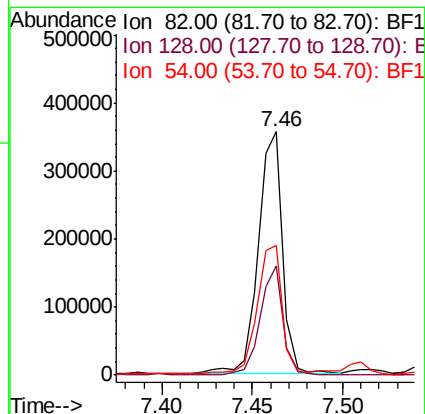
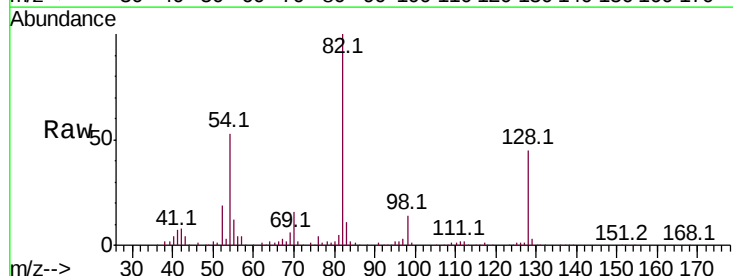
RT: 7.46 min Scan# 914

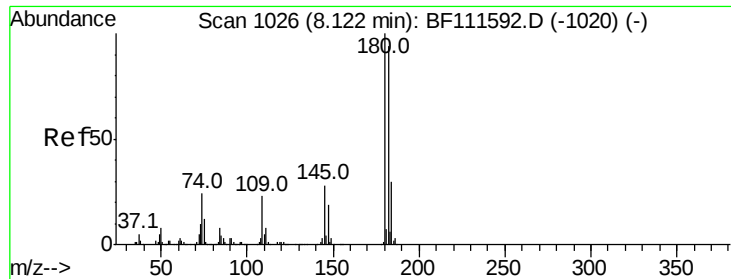
Delta R.T. 0.00 min

Lab File: BF111748.D

Acq: 27 Dec 2018 7:39

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.1	37.4	56.2
54	53.1	47.6	71.4





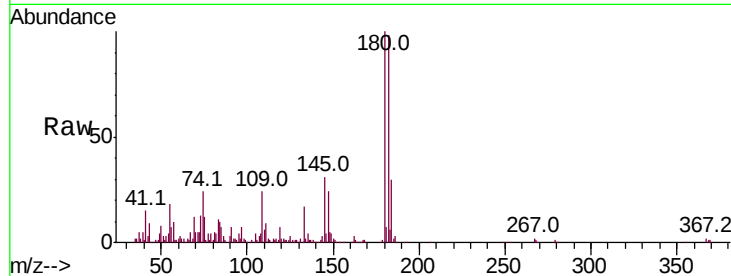
#30
 1,2,4-Trichlorobenzene
 Concen: 26.358 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BF111748.D
 Acq: 27 Dec 2018 7:39

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-3642-01DL

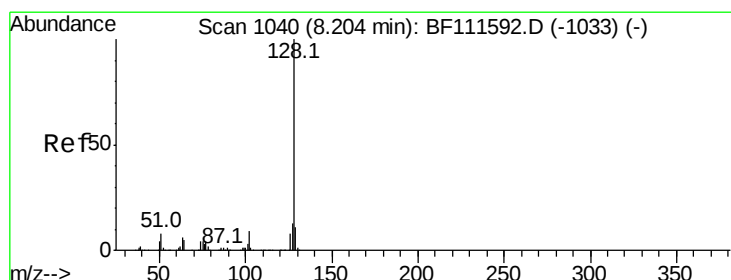
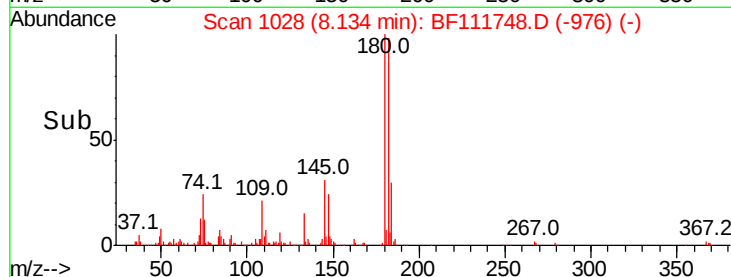
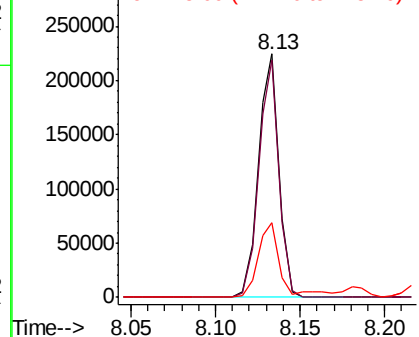
Tot Ion	Ratio	Resp	Lower	Upper
180	100	189864		
182	97.7	75.6	113.4	
145	30.6	26.7	40.1	

Manual Integrations
 APPROVED

Sohil
 12/27/2018 1:58:28 PM



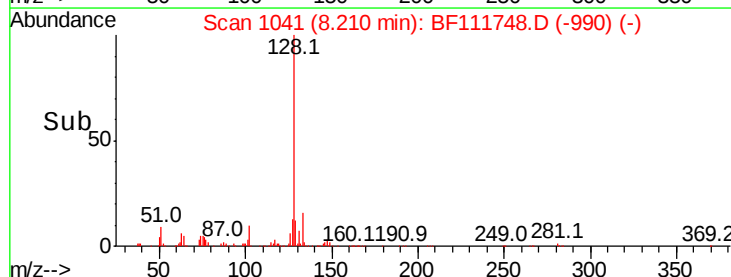
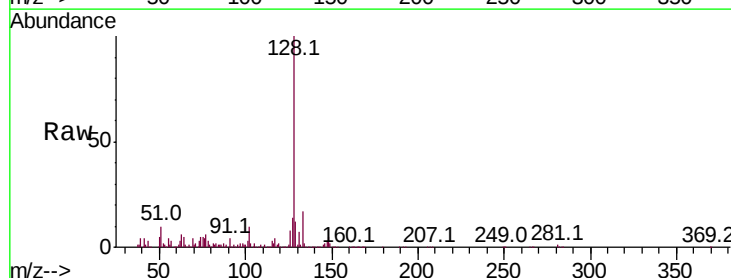
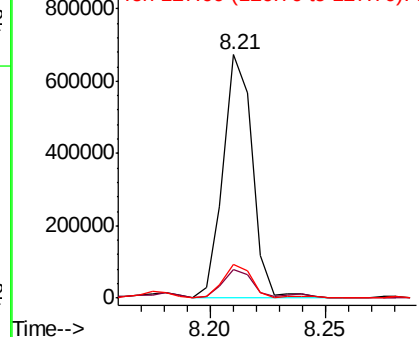
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

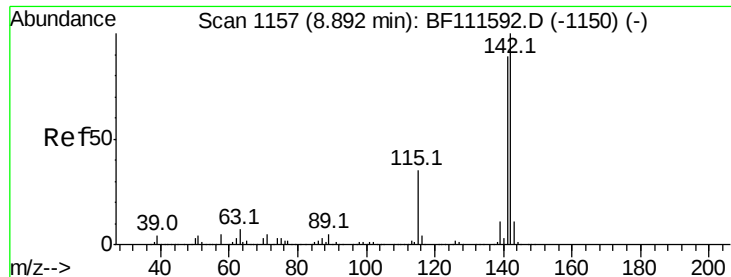


#31
 Naphthalene
 Concen: 29.505 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF111748.D
 Acq: 27 Dec 2018 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	591859		
129	11.9	9.8	14.8	
127	13.8	12.0	18.0	

Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





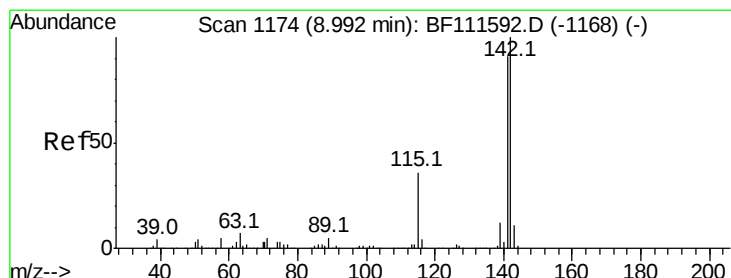
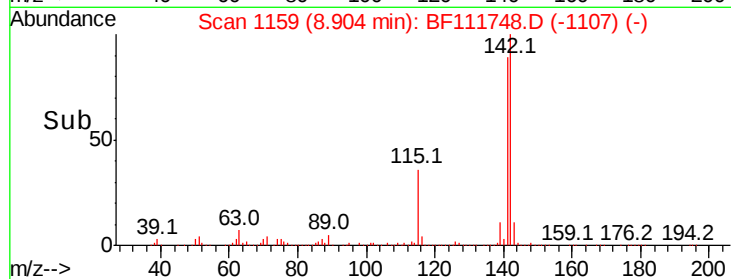
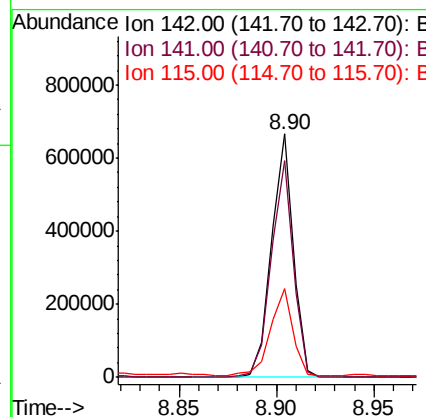
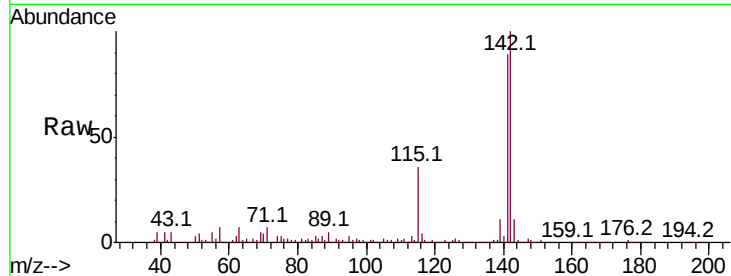
#37
2-Methylnaphthalene
Concen: 39.656 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3642-01DL

Tot Ion	Ratio	Resp	Lower	Upper
142	100	517542		
141	89.2	70.6	105.8	
115	36.4	27.0	40.6	

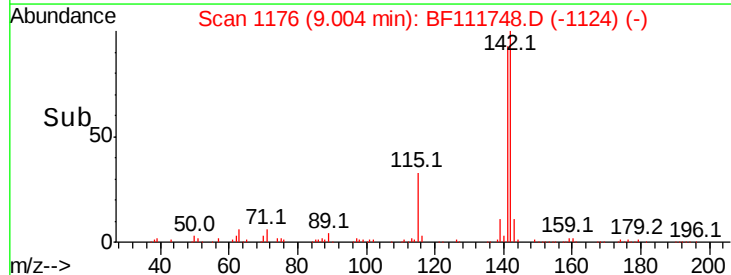
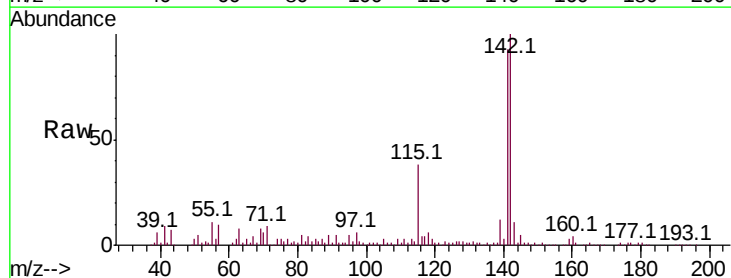
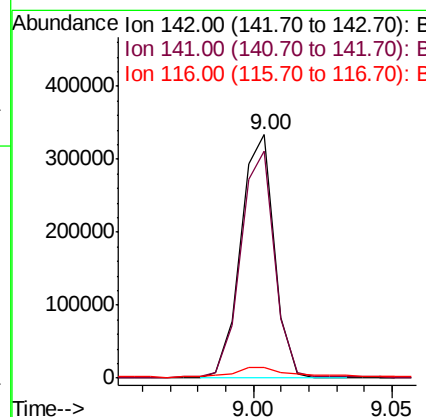
Manual Integrations
APPROVED

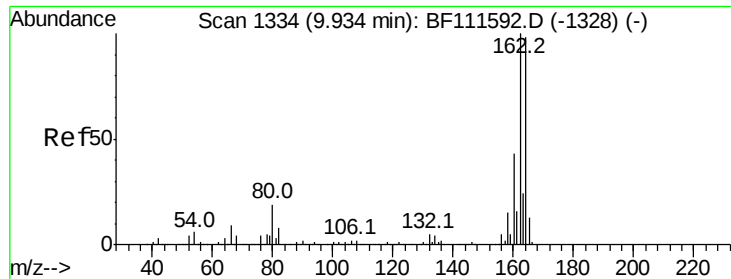
Sohil
12/27/2018 1:58:28 PM



#38
1-Methylnaphthalene
Concen: 22.677 ng m
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	284231		
141	93.4	74.2	111.4	
116	4.5	2.9	4.3#	





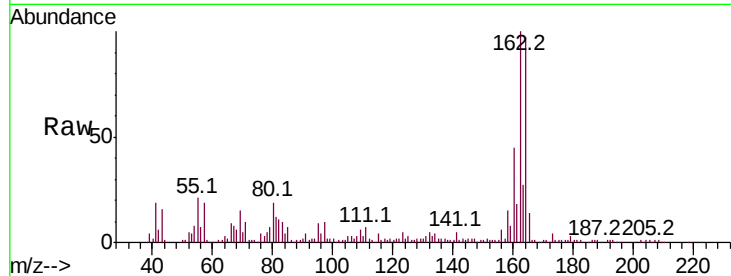
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF111748.D
 Acq: 27 Dec 2018 7:39

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-3642-01DL

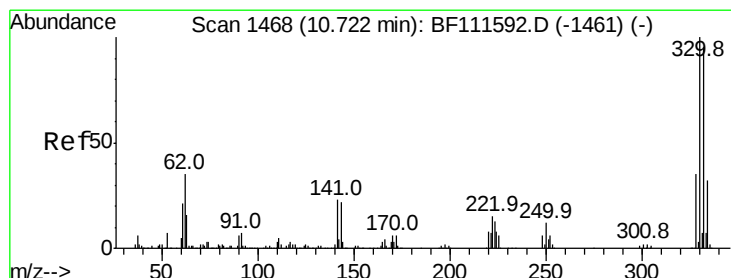
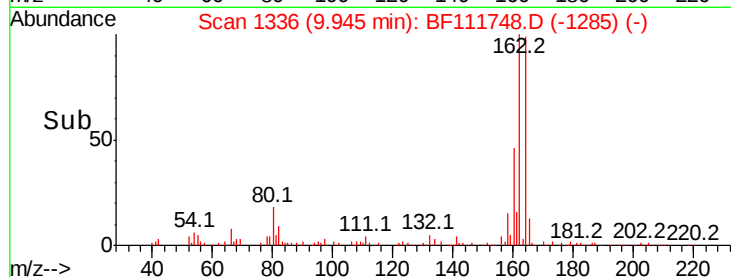
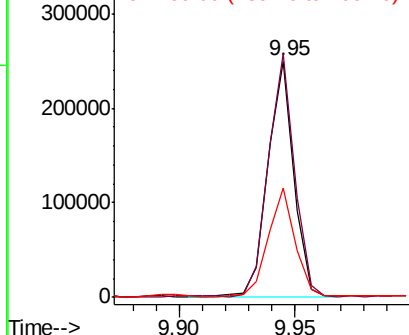
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.0
160	46.0	35.7	53.5

Manual Integrations
 APPROVED

Sohil
 12/27/2018 1:58:28 PM

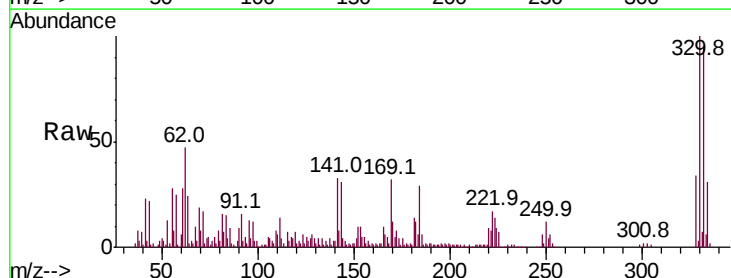


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

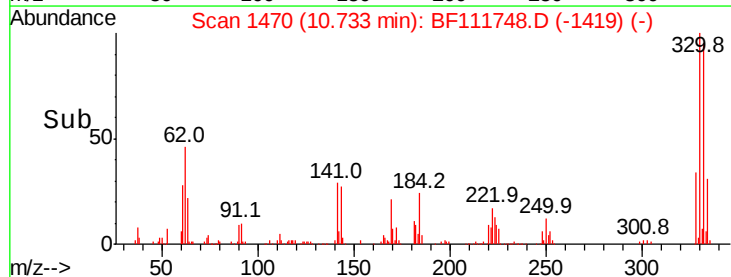
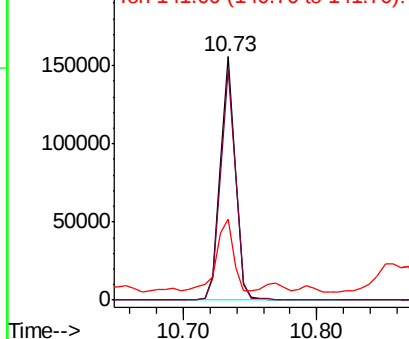


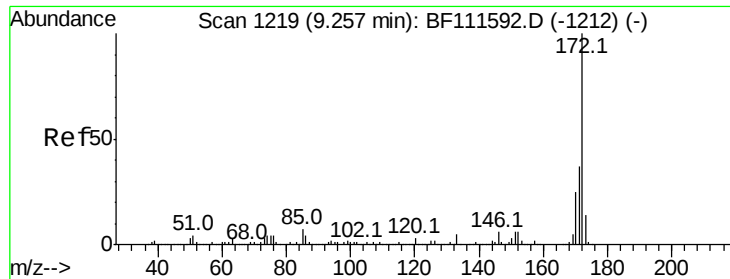
#42
 2,4,6-Tribromophenol
 Concen: 54.575 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF111748.D
 Acq: 27 Dec 2018 7:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.0	114.0
141	36.0	31.0	46.6



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





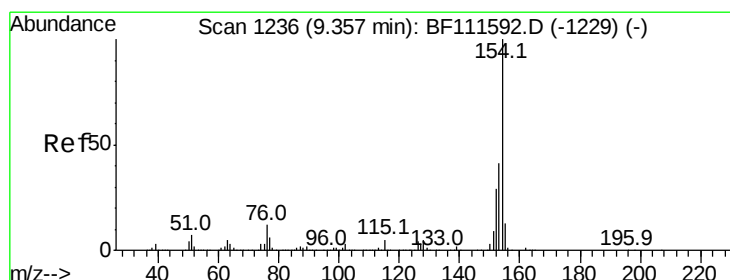
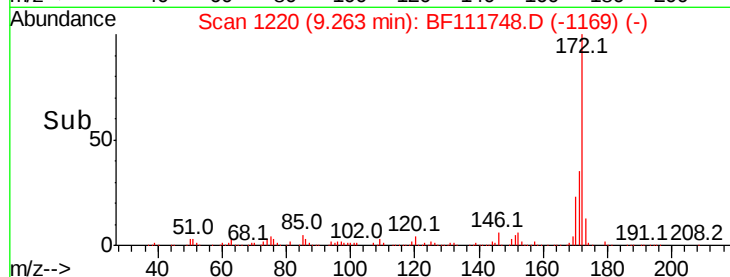
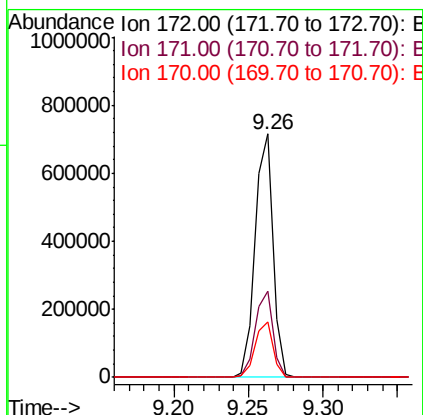
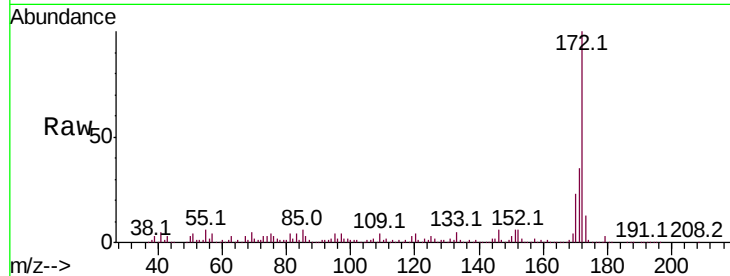
#45
2-Fluorobiphenyl
Concen: 44.148 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3642-01DL

Tot Ion	Ratio	Resp	Lower	Upper
172	100	588653		
171	35.3		33.0	49.4
170	23.0		22.3	33.5

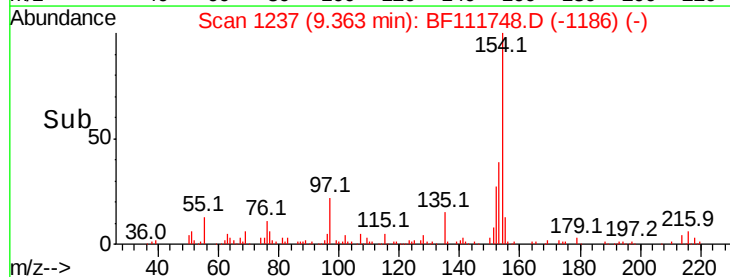
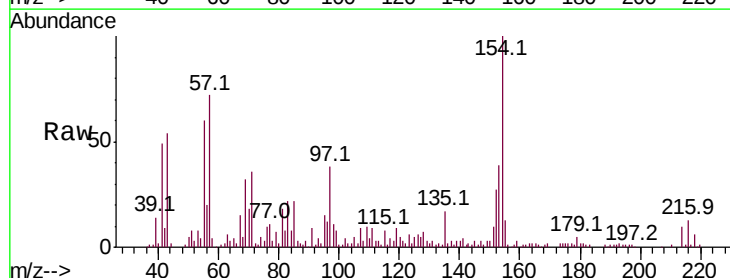
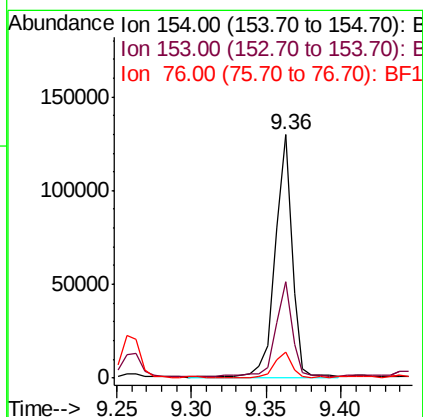
Manual Integrations
APPROVED

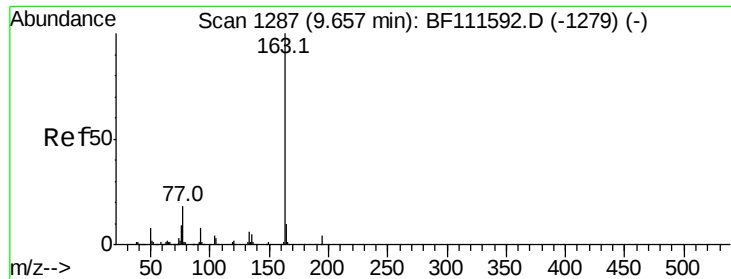
Sohil
12/27/2018 1:58:28 PM



#46
1,1'-Biphenyl
Concen: 6.250 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	102531		
153	39.4		23.7	63.7
76	10.5		0.0	35.0





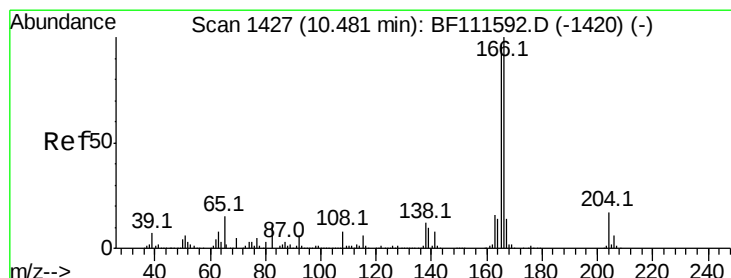
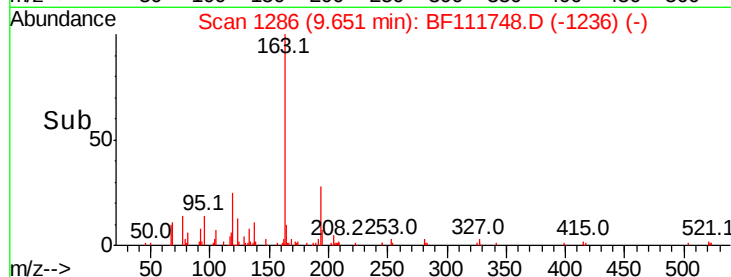
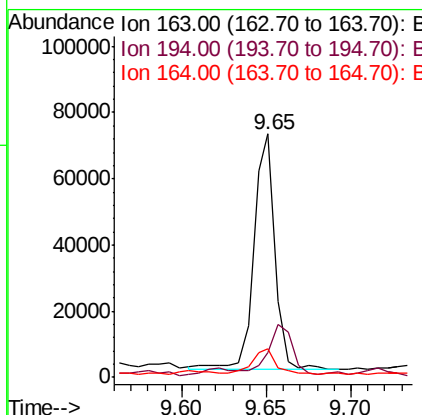
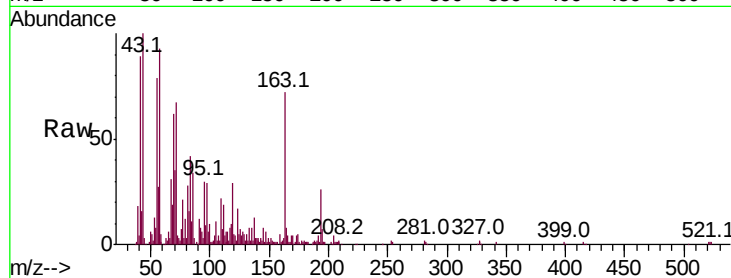
#50
Dimethylphthalate
Concen: 4.452 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3642-01DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	10.1	3.0	4.6#	
164	11.7	8.9	13.3	

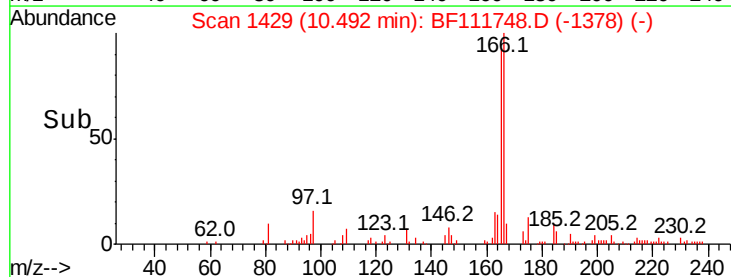
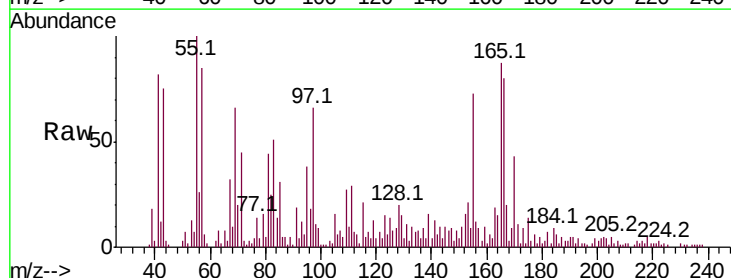
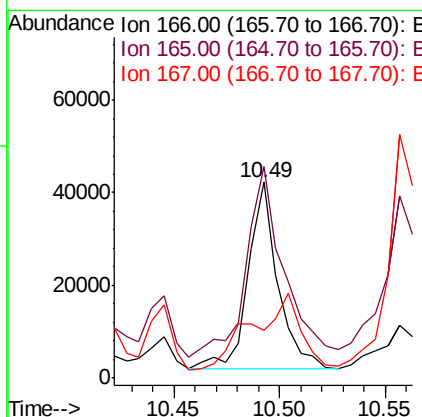
Manual Integrations
APPROVED

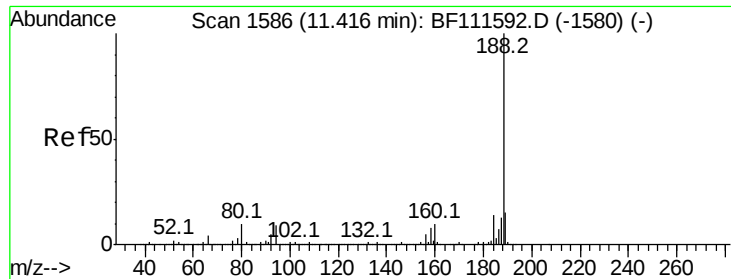
Sohil
12/27/2018 1:58:28 PM



#58
Fluorene
Concen: 3.134 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	108.2	78.4	117.6	
167	24.3	11.2	16.8#	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF111748.D

Acq: 27 Dec 2018 7:39

Instrument :

BNA_F

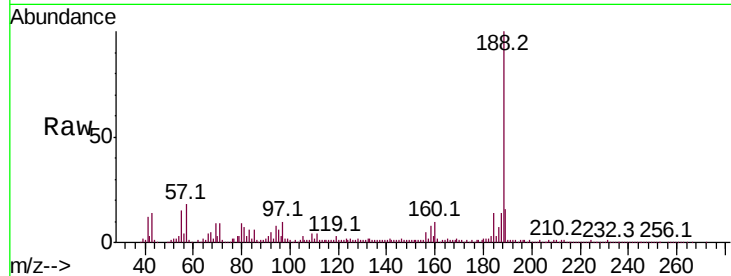
ClientSampleId :

P001-SS013C-3642-01DL

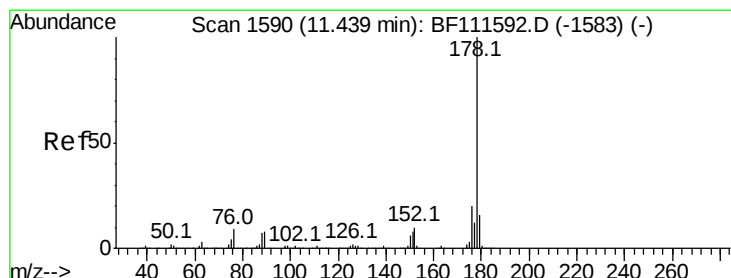
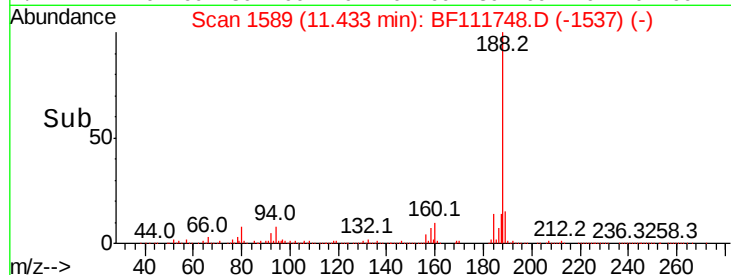
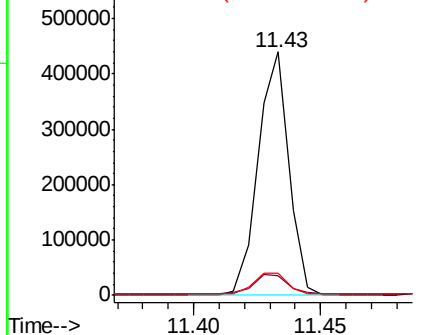
Tot Ion:	188	Resp:	371801
Ion Ratio	Lower	Upper	
188	100		
94	8.2	9.6	14.4#
80	9.1	9.8	14.6#

Manual Integrations
APPROVED

Sohil
12/27/2018 1:58:28 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: 9.281 ng

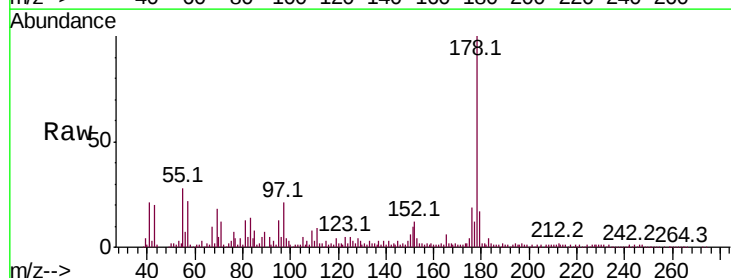
RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

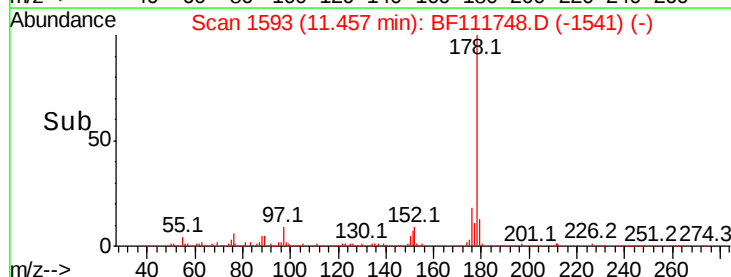
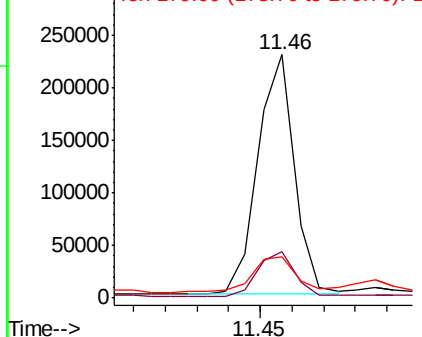
Lab File: BF111748.D

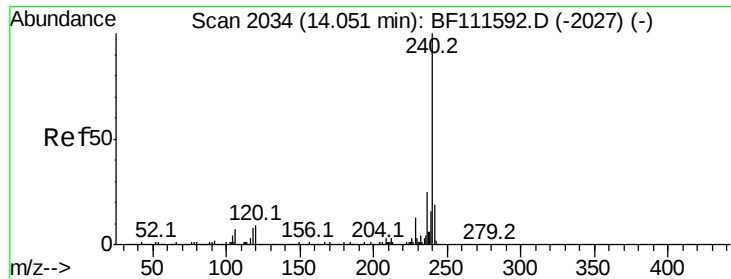
Acq: 27 Dec 2018 7:39

Tgt Ion:	178	Resp:	182997
Ion Ratio	Lower	Upper	
178	100		
176	18.9	18.1	27.1
179	17.2	14.0	21.0



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





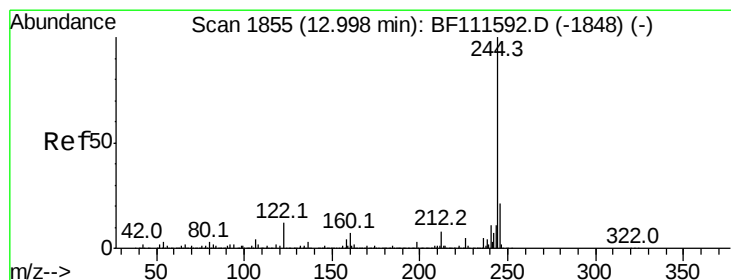
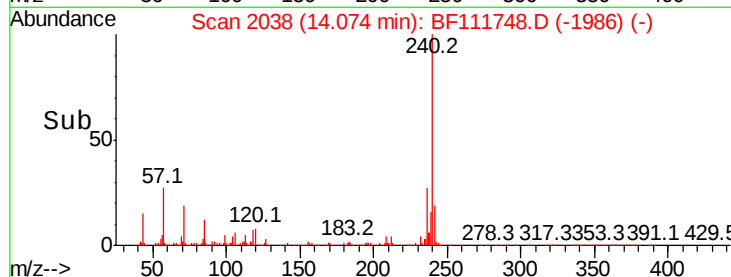
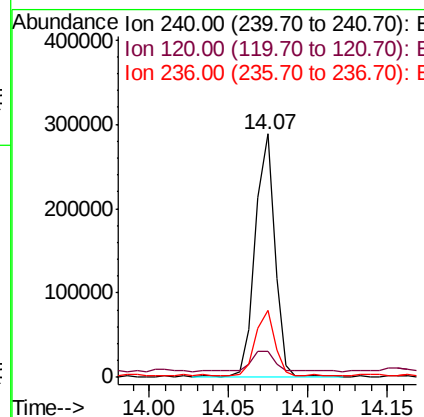
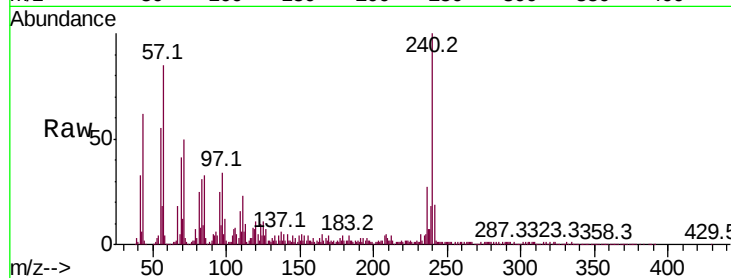
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3642-01DL

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.9	12.2	18.2#	
236	27.5	20.2	30.2	

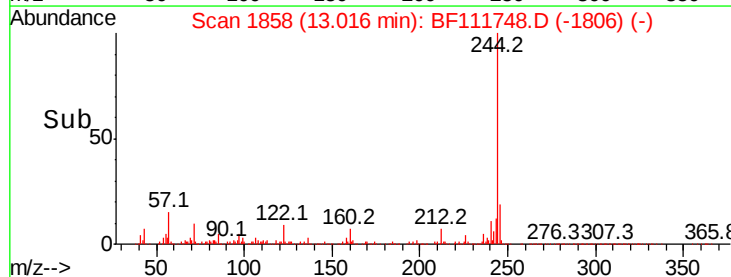
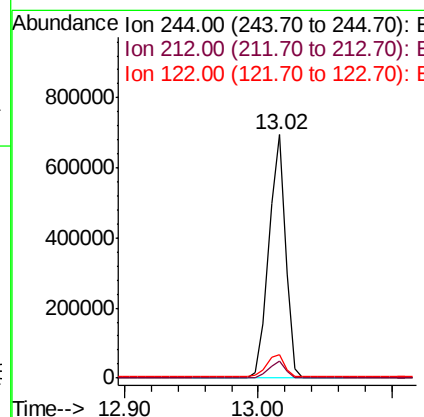
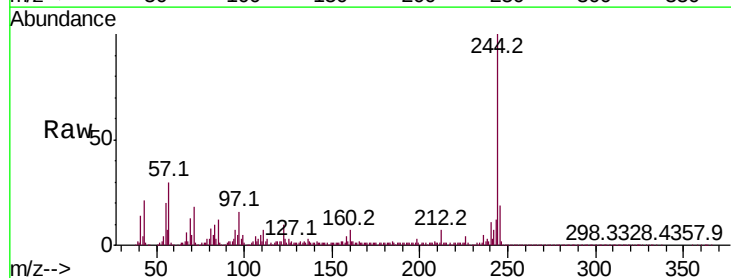
Manual Integrations
APPROVED

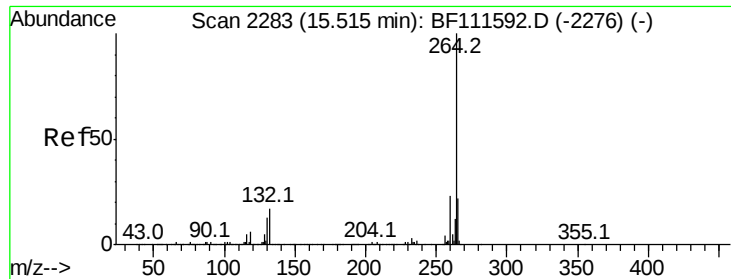
Sohil
12/27/2018 1:58:28 PM



#79
Terphenyl-d14
Concen: 45.939 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BF111748.D
Acq: 27 Dec 2018 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	5.7	8.5	
122	9.8	13.1	19.7#	





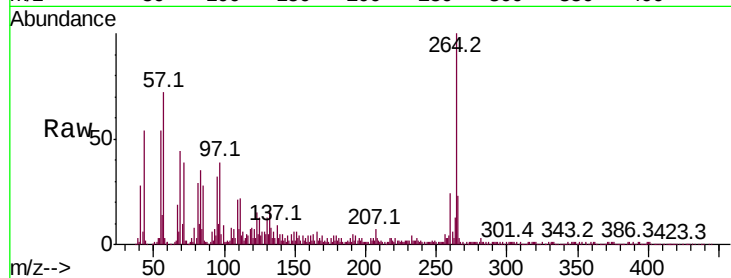
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BF111748.D
 Acq: 27 Dec 2018 7:39

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-3642-01DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	23.1	17.7	26.5

Manual Integrations
 APPROVED

Sohil
 12/27/2018 1:58:28 PM



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

