

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113493.D
 Acq On : 2 Apr 2019 6:08
 Operator : JU/SJ
 Sample : K2115-03DL 20X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL

Manual Integrations
 APPROVED

Sohil
 4/2/2019 3:49:54 PM

Quant Time: Apr 02 08:34:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	99434	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	398944	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	201224	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	384013	20.00	ng	0.00
76) Chrysene-d12	13.84	240	369466	20.00	ng	0.00
87) Perylene-d12	15.26	264	268630	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	7089	1.17	ng	0.05
7) Phenol-d6	6.39	99	5945	0.77	ng	0.03
23) Nitrobenzene-d5	7.27	82	20438	3.04	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	6740	2.71	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	59137	3.53	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.67	122	18623m	3.492	ng	
31) Naphthalene	8.02	128	1507808	77.342	ng	99
37) 2-Methylnaphthalene	8.70	142	35516	2.920	ng	97
38) 1-Methylnaphthalene	8.80	142	53057	4.535	ng	98
52) Acenaphthene	9.77	154	24646	2.092	ng	98

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

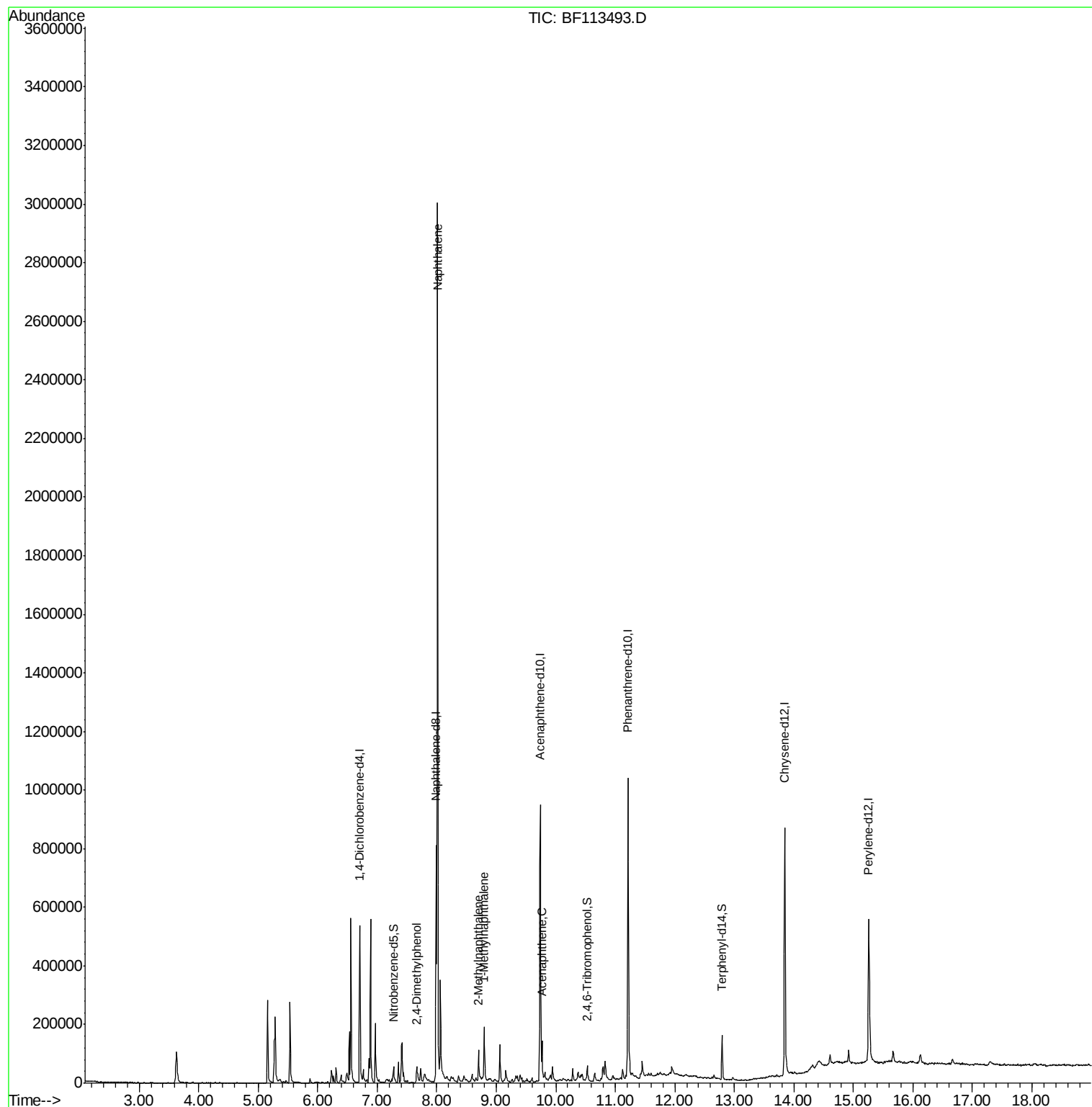
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113493.D
Acq On : 2 Apr 2019 6:08
Operator : JU/SJ
Sample : K2115-03DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

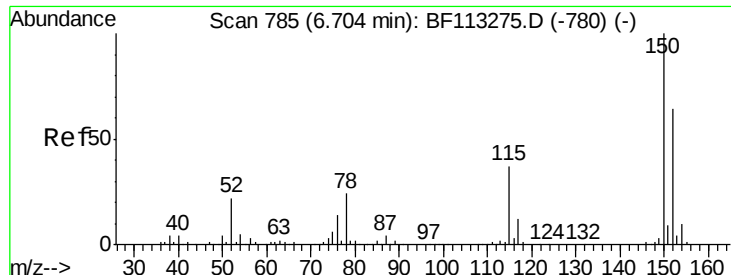
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Manual Integrations
APPROVED

Sohil
4/2/2019 3:49:54 PM

Quant Time: Apr 02 08:34:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

Instrument :

BNA_F

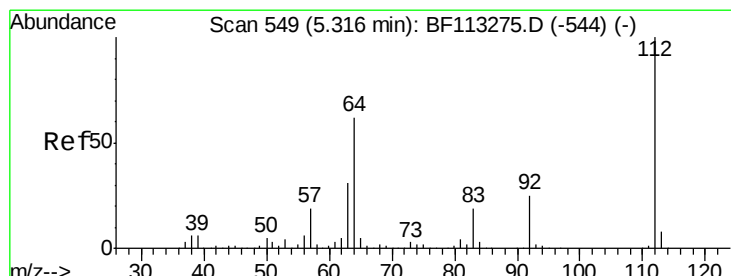
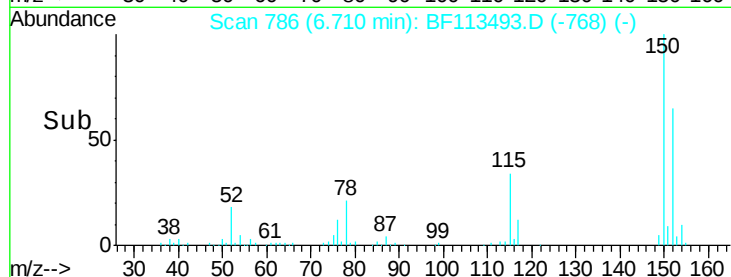
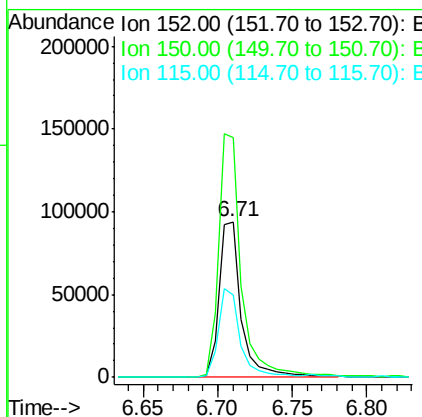
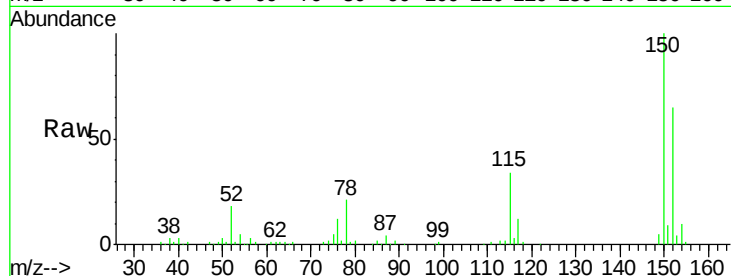
ClientSampleId :

QNWP8-MW26S-GWDL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.7	187.1
115	52.9	46.0	69.0

Manual Integrations
APPROVED

Sohil
4/2/2019 3:49:54 PM



#5

2-Fluorophenol

Concen: 1.166 ng

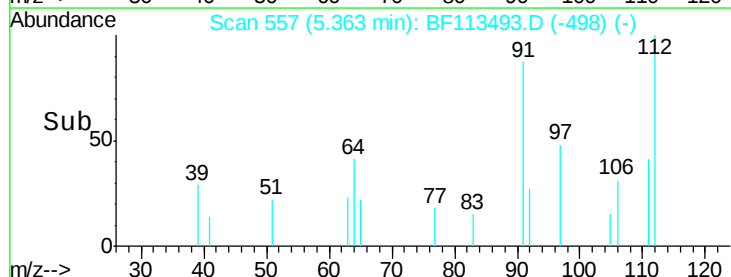
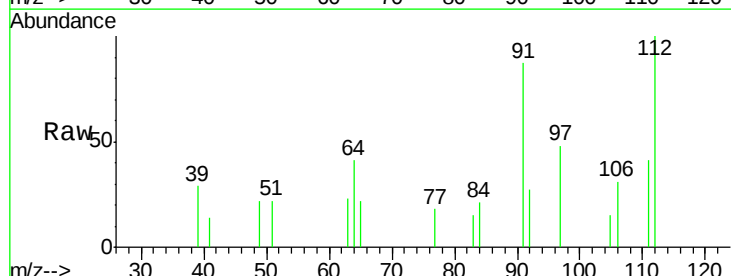
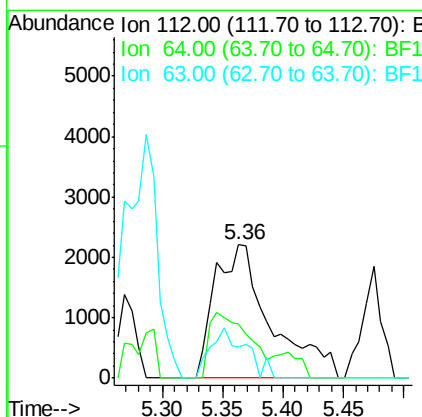
RT: 5.36 min Scan# 557

Delta R.T. 0.05 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.0	49.2	73.8#
63	23.2	24.9	37.3#





#7

Phenol-d6

Concen: 0.773 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

Instrument :

BNA_F

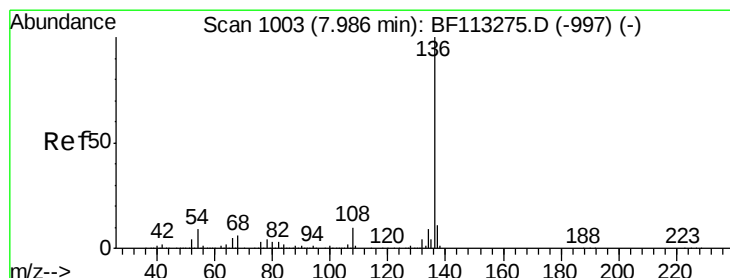
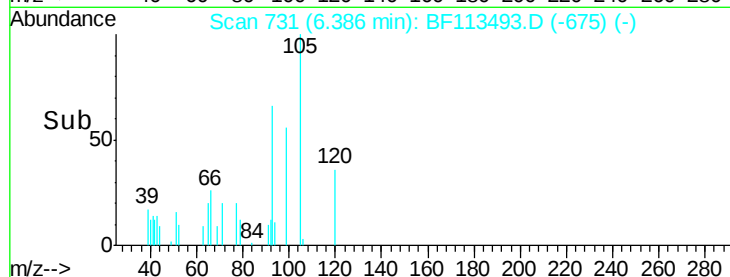
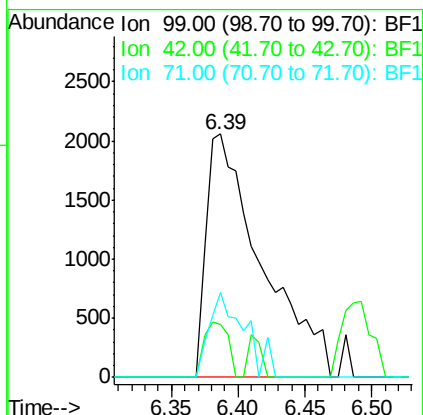
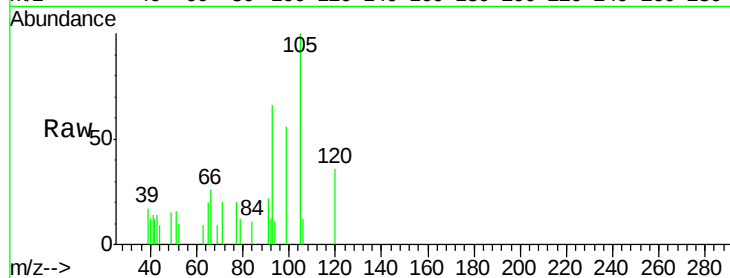
ClientSampleId :

QNWP8-MW26S-GWDL

Tgt Ion:	99	Resp:	5945
Ion Ratio	Lower	Upper	
99	100		
42	21.7	14.8	22.2
71	35.1	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/2/2019 3:49:54 PM



#21

Naphthalene-d8

Concen: 20.000 ng

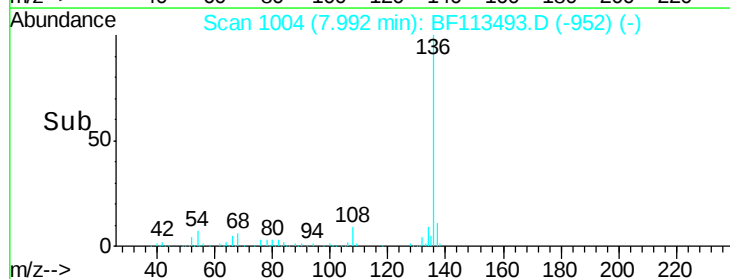
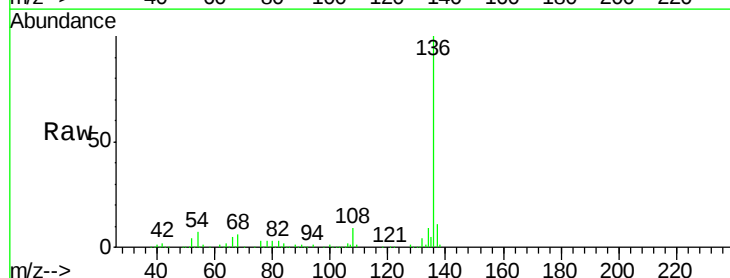
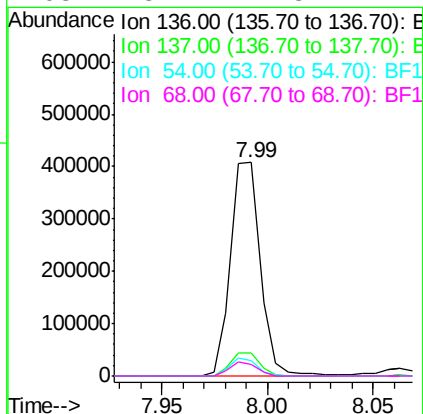
RT: 7.99 min Scan# 1004

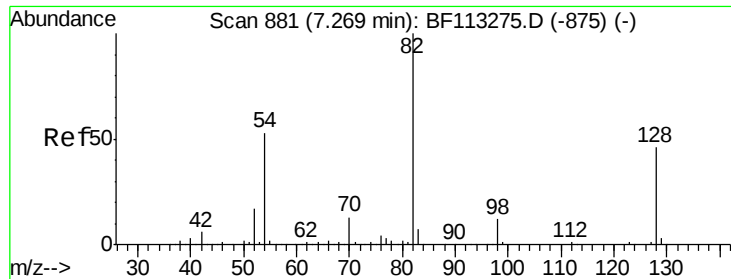
Delta R.T. 0.01 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

Tgt Ion:	136	Resp:	398944
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.3	7.0	10.6
68	5.7	4.8	7.2





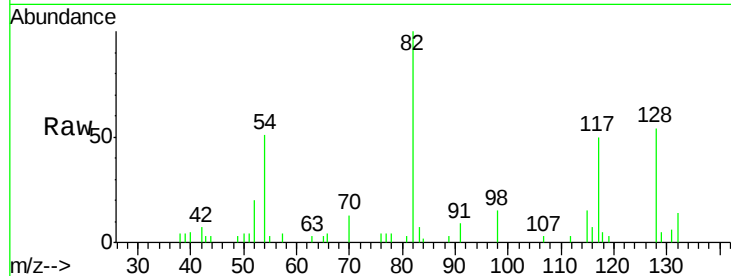
#23
 Nitrobenzene-d5
 Concen: 3.041 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF113493.D
 Acq: 2 Apr 2019 6:08

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL

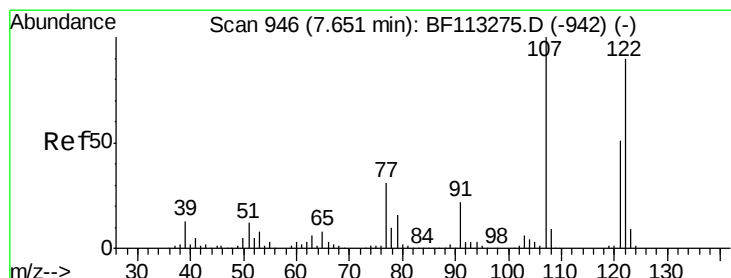
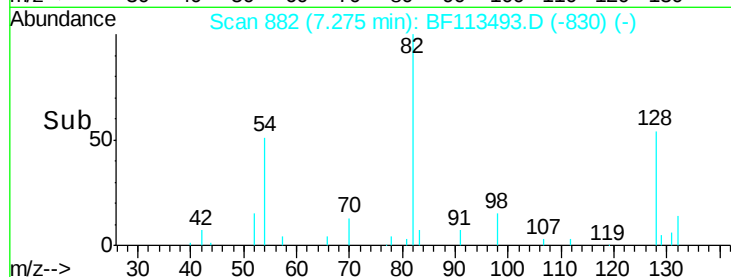
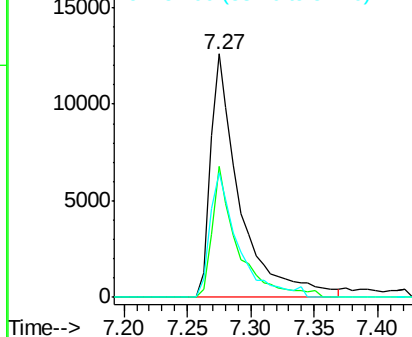
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	20438		
128	53.7	36.5	54.7	
54	51.1	42.2	63.2	

Manual Integrations
 APPROVED

Sohil
 4/2/2019 3:49:54 PM

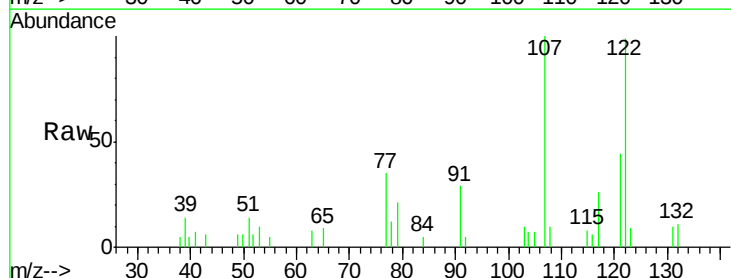


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

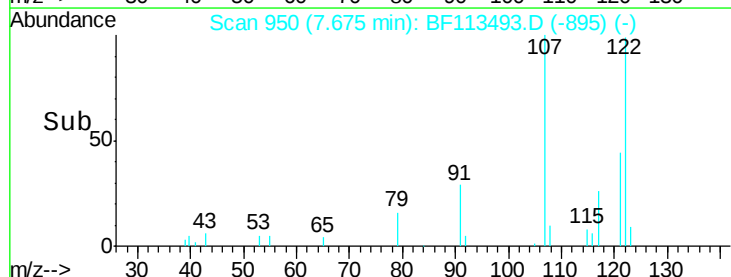
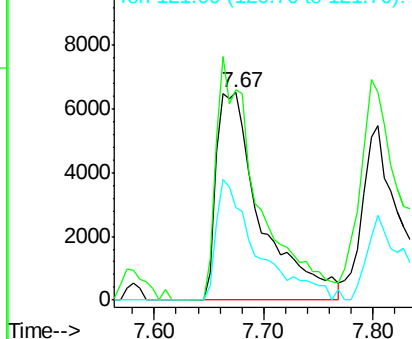


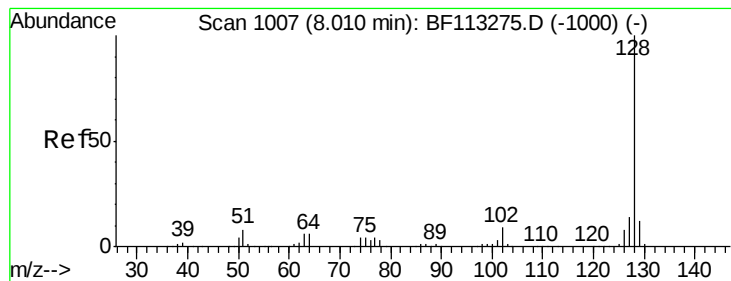
#27
 2,4-Dimethylphenol
 Concen: 3.492 ng m
 RT: 7.67 min Scan# 950
 Delta R.T. 0.02 min
 Lab File: BF113493.D
 Acq: 2 Apr 2019 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18623		
107	101.2	88.8	133.2	
121	44.8	45.5	68.3#	



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 77.342 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL

Tgt Ion:128 Resp: 1507808

Ion Ratio Lower Upper

128 100

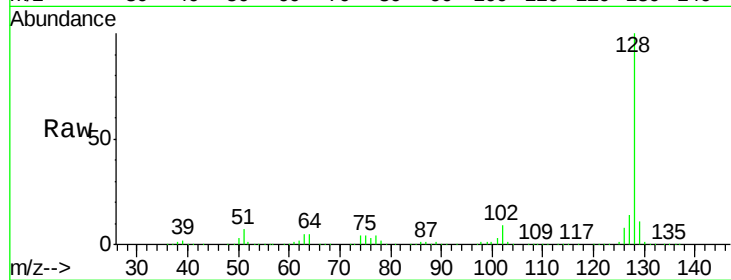
129 11.3 9.3 13.9

127 13.8 10.9 16.3

Manual Integrations
APPROVED

Sohil

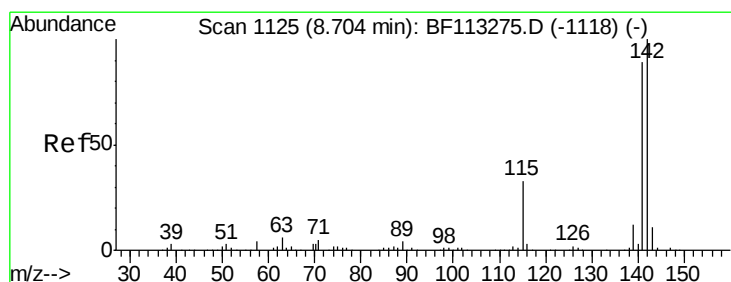
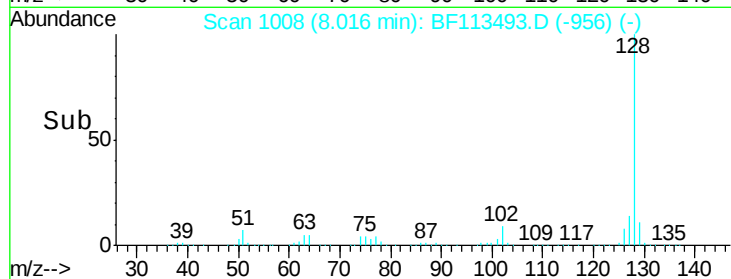
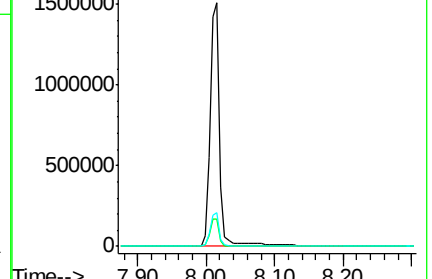
4/2/2019 3:49:54 PM



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: 2.920 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

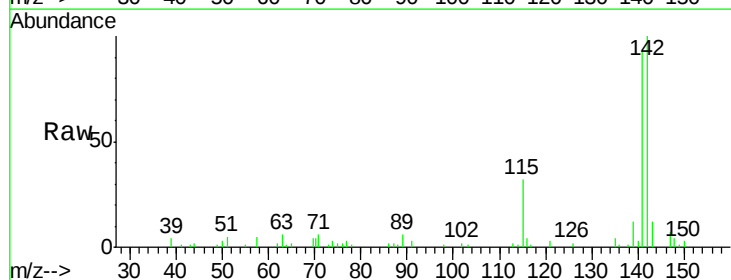
Tgt Ion:142 Resp: 35516

Ion Ratio Lower Upper

142 100

141 92.6 71.0 106.6

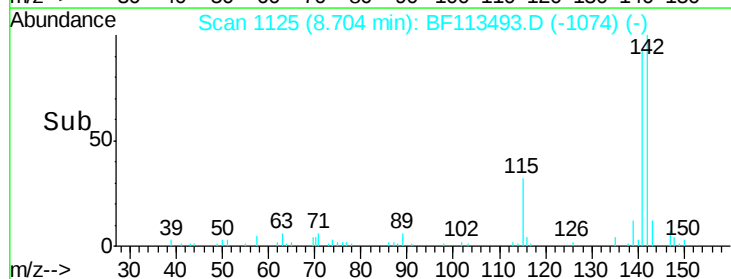
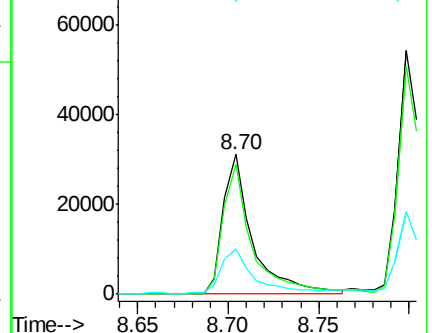
115 32.1 26.6 39.8

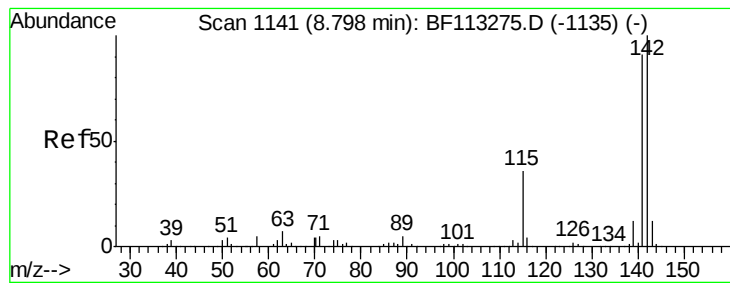


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 4.535 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

Instrument :

BNA_F

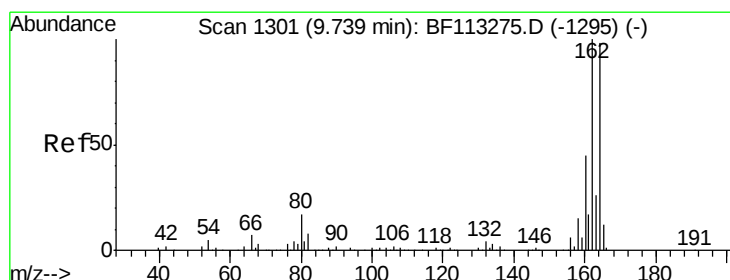
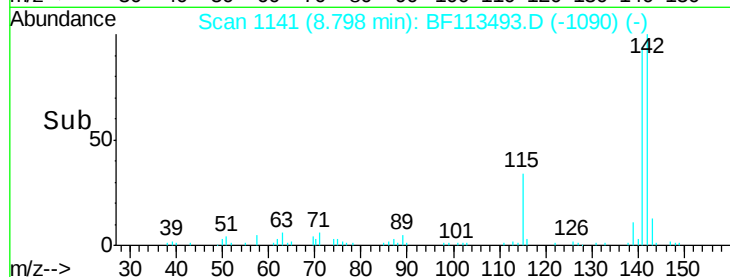
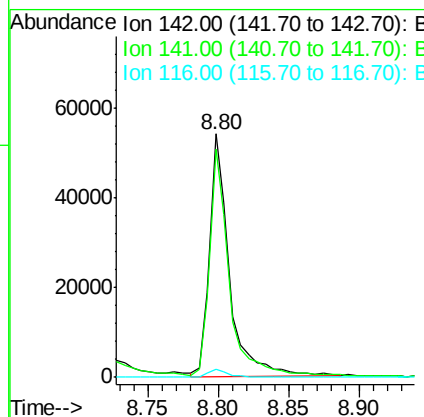
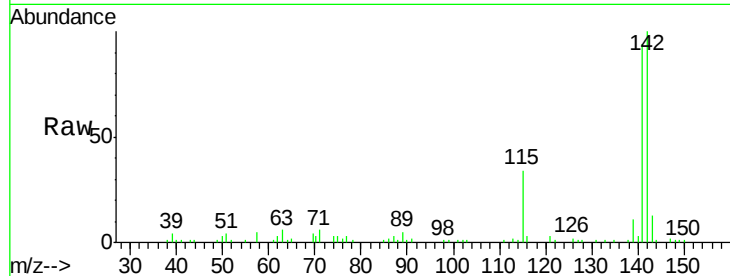
ClientSampleId :

QNWP8-MW26S-GWDL

Tgt Ion:	142	Resp:	53057
Ion Ratio	Lower	Upper	
142	100		
141	93.5	73.2	109.8
116	3.4	3.0	4.4

Manual Integrations
APPROVED

Sohil
4/2/2019 3:49:54 PM



#39

Acenaphthene-d10

Concen: 20.000 ng

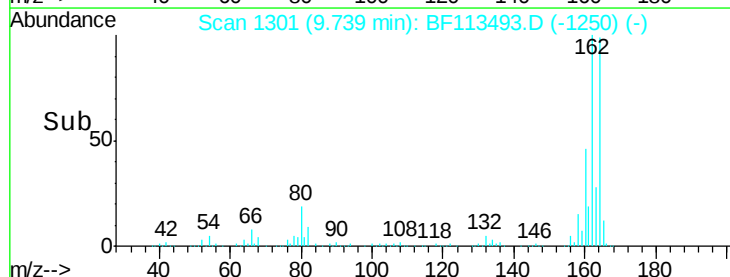
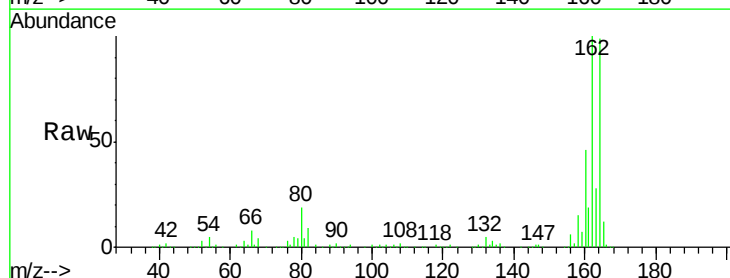
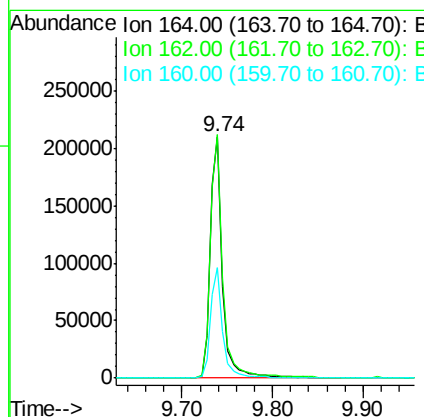
RT: 9.74 min Scan# 1301

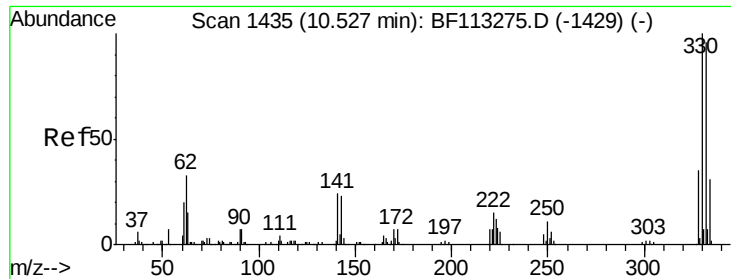
Delta R.T. -0.00 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

Tgt Ion:	164	Resp:	201224
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.8	122.6
160	45.9	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 2.712 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL

Tgt Ion: 330 Resp: 6740

Ion Ratio Lower Upper

330 100

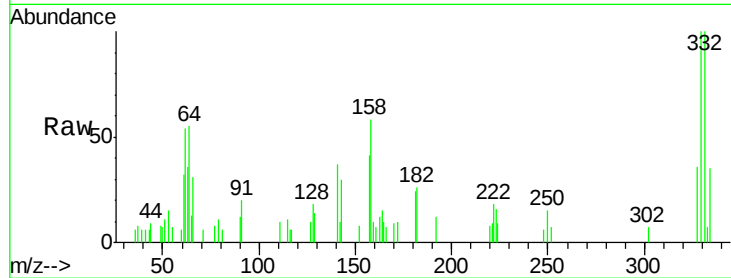
332 95.8 77.8 116.6

141 36.7 22.7 34.1#

Manual Integrations
APPROVED

Sohil

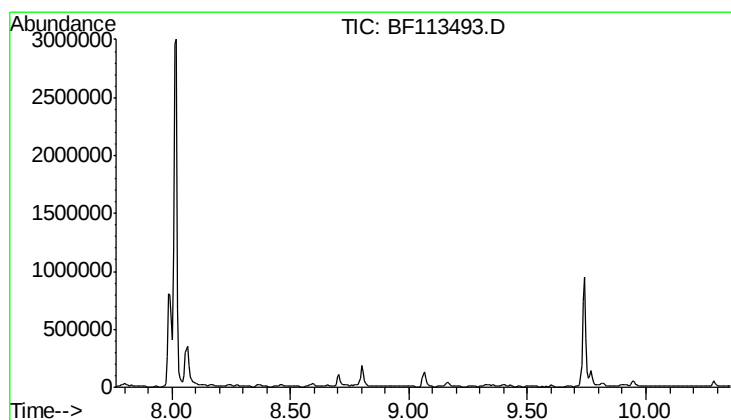
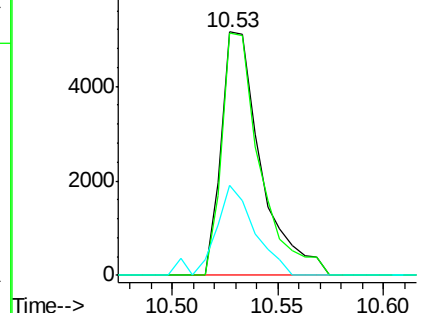
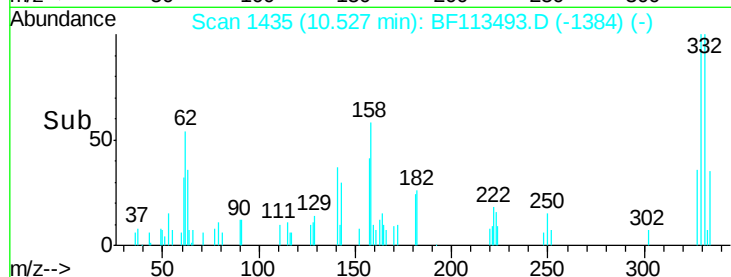
4/2/2019 3:49:54 PM



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: 0.000 ng

Expected RT: 9.06 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

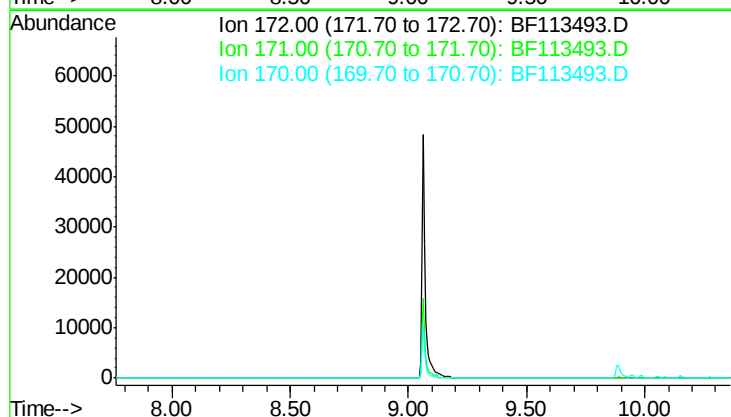
Tgt Ion: 172

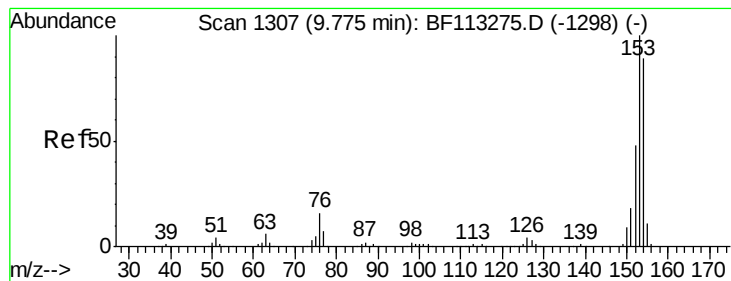
Sig Exp Ratio

172 100

171 36.3

170 24.4





#52

Acenaphthene

Concen: 2.092 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113493.D

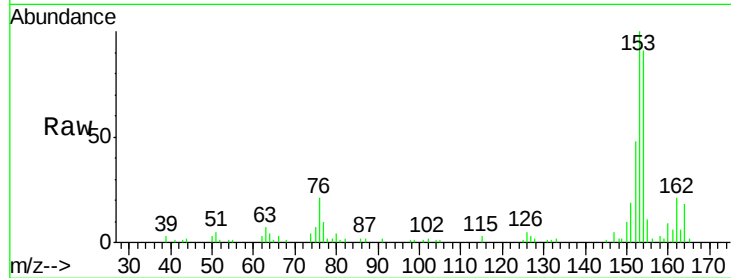
Acq: 2 Apr 2019 6:08

Instrument :

BNA_F

ClientSampleId :

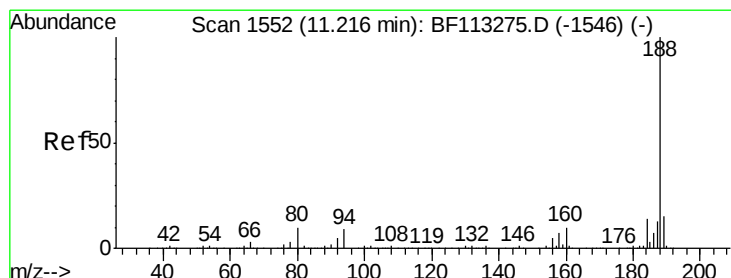
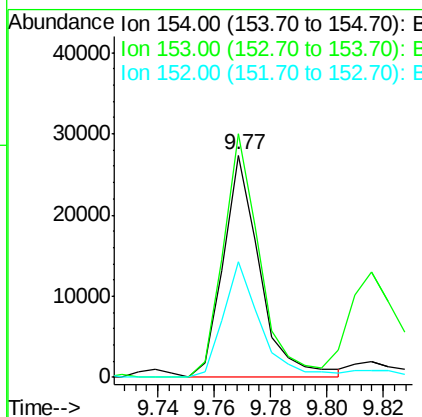
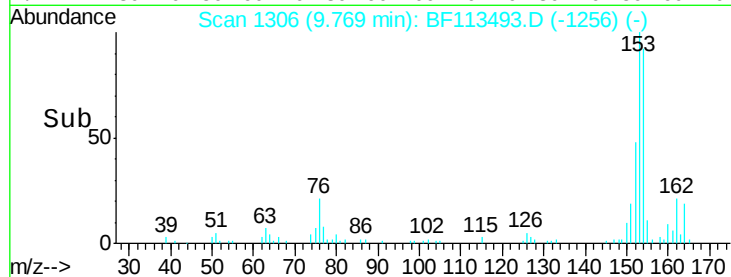
QNWP8-MW26S-GWDL



Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.5	89.5	134.3
152	52.1	43.3	64.9

Manual Integrations
APPROVED

Sohil
4/2/2019 3:49:54 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

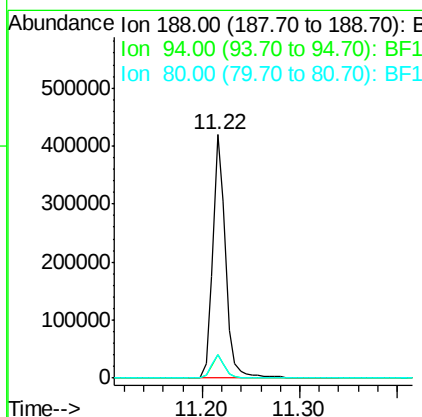
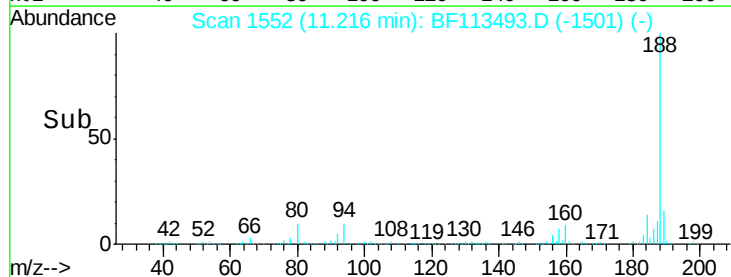
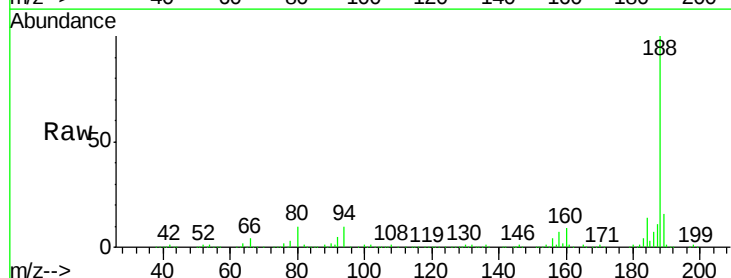
RT: 11.22 min Scan# 1552

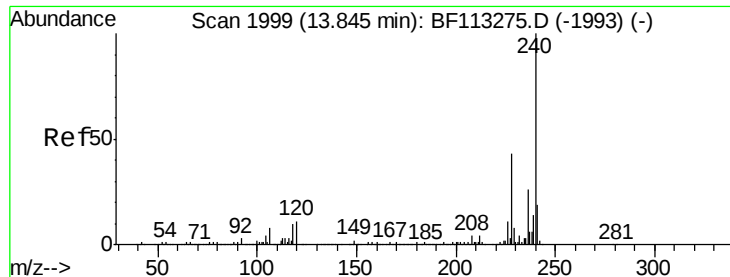
Delta R.T. -0.00 min

Lab File: BF113493.D

Acq: 2 Apr 2019 6:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	9.8	7.7	11.5





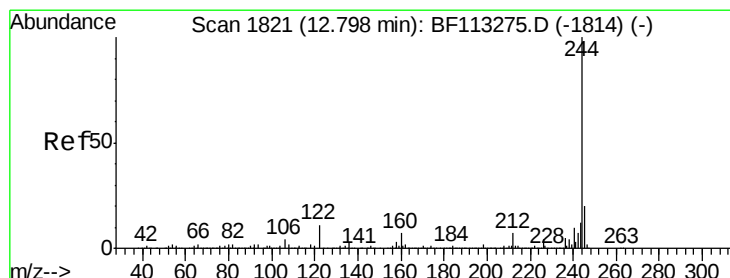
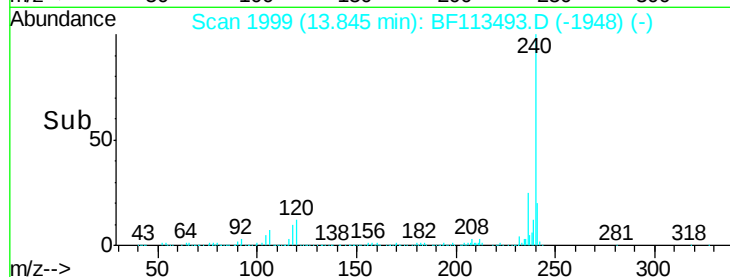
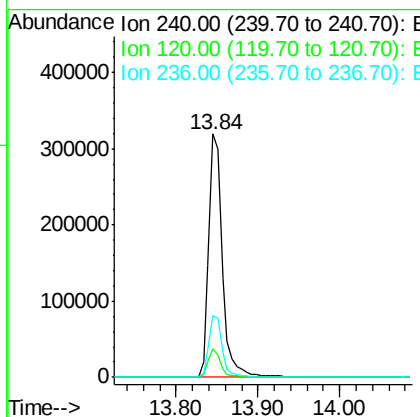
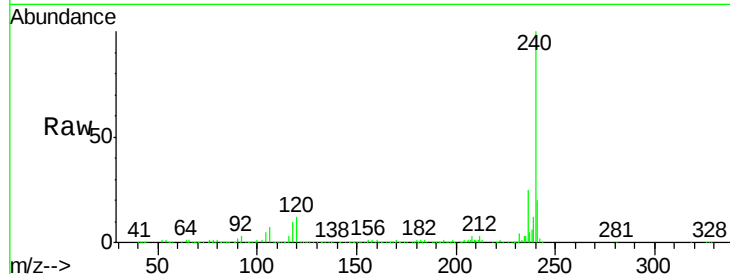
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113493.D
Acq: 2 Apr 2019 6:08

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	369466		
120	11.6	8.8	13.2	
236	25.2	20.9	31.3	

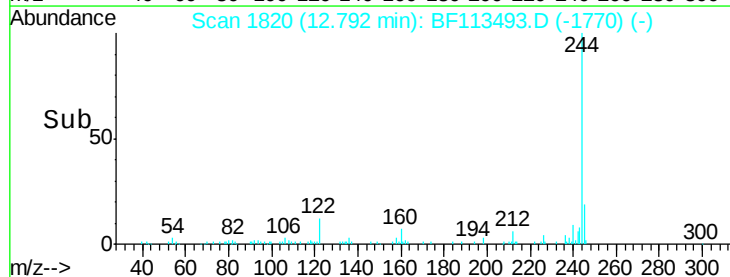
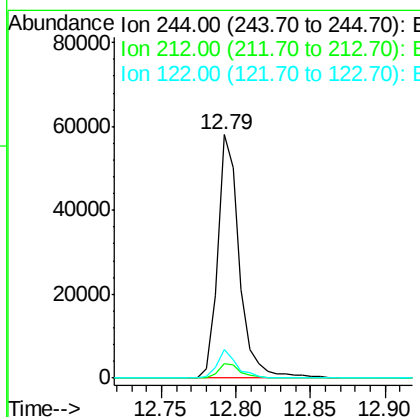
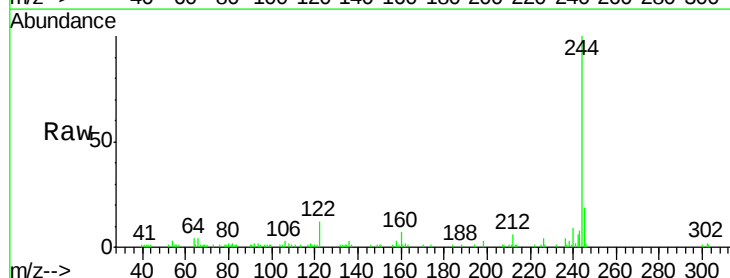
Manual Integrations
APPROVED

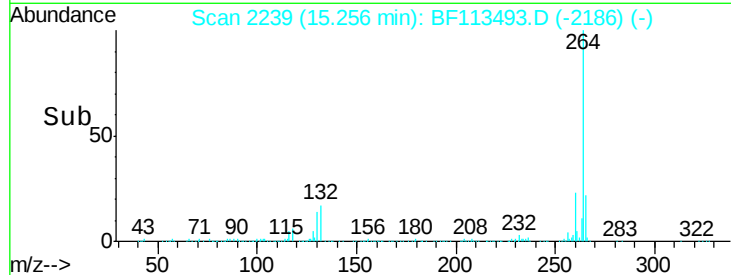
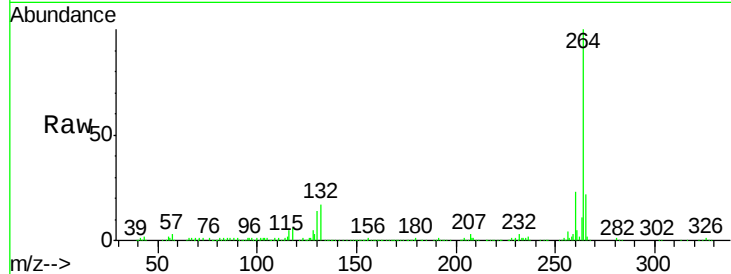
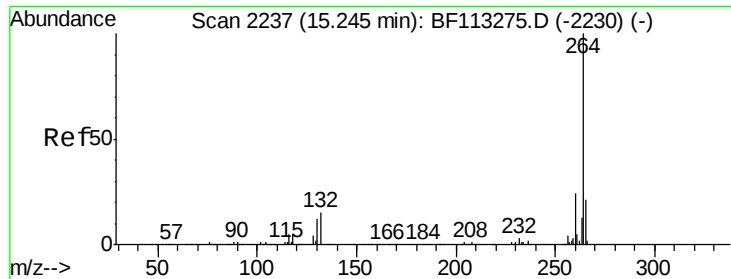
Sohil
4/2/2019 3:49:54 PM



#79
Terphenyl-d14
Concen: 3.528 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113493.D
Acq: 2 Apr 2019 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	59137		
212	6.1	5.5	8.3	
122	11.8	8.6	13.0	





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113493.D
Acq: 2 Apr 2019 6:08

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.1	17.1	25.7

Manual Integrations
APPROVED

Sohil
4/2/2019 3:49:54 PM

