

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112680.D
 Acq On : 22 Feb 2019 22:28
 Operator : JU/SJ
 Sample : K1570-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25-25RE

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:21:25 AM

Quant Time: Feb 25 00:47:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82590	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	304905	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	132637	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	194523	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	149573	20.00	ng	-0.03
87) Perylene-d12	15.45	264	143187	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	180307	46.37	ng	0.00
7) Phenol-d6	6.49	99	129352	23.94	ng	0.00
23) Nitrobenzene-d5	7.39	82	528841	99.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	130014	84.21	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1022048	108.98	ng	-0.04
79) Terphenyl-d14	12.91	244	544784	68.60	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	6.97	79	157078m	34.488	ng	Qvalue
25) Isophorone	7.63	82	20295	2.445	ng	# 96
50) Dimethylphthalate	9.56	163	63292	6.142	ng	98

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

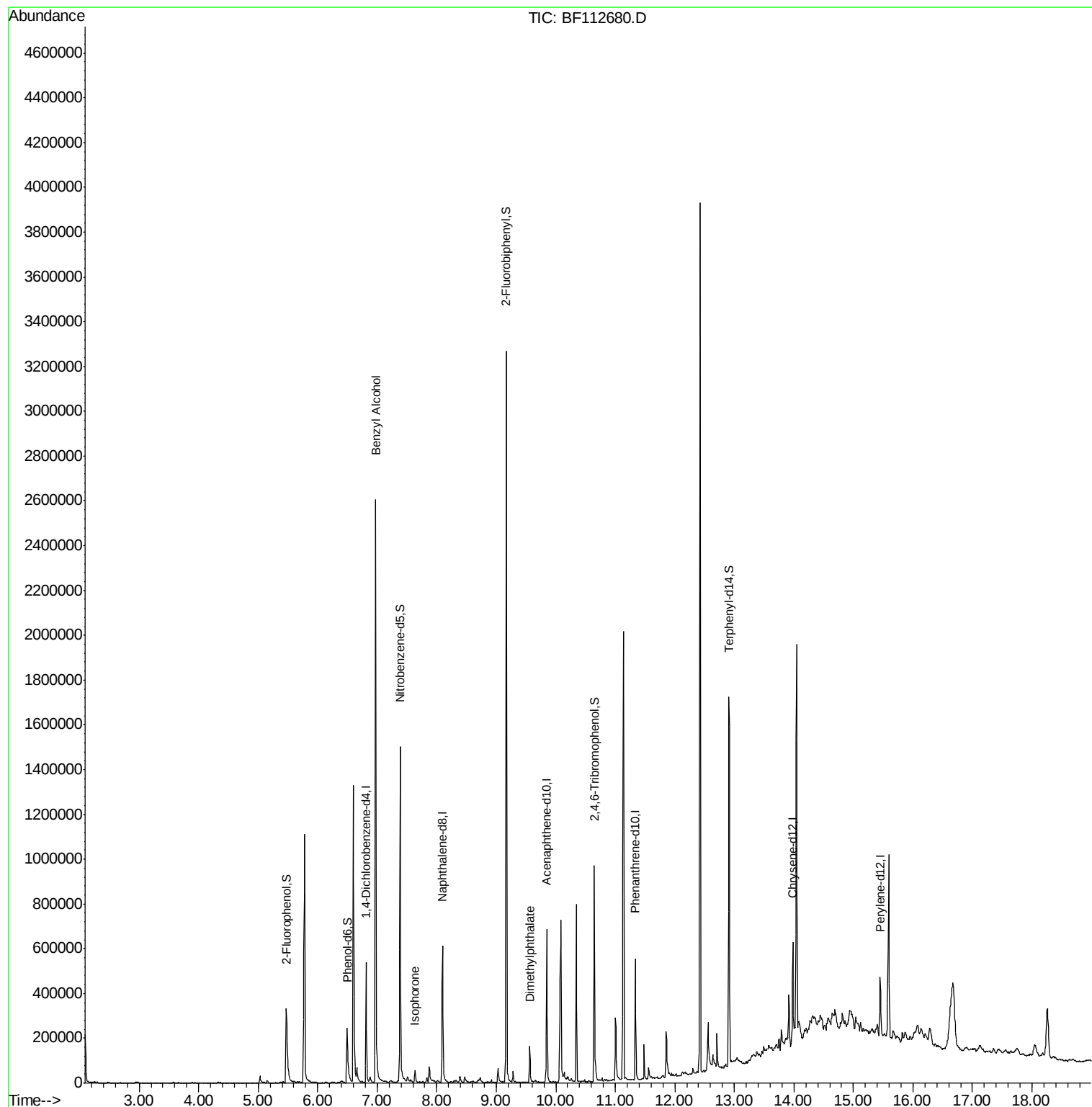
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112680.D
Acq On : 22 Feb 2019 22:28
Operator : JU/SJ
Sample : K1570-03RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
25-25RE

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:25 AM

Quant Time: Feb 25 00:47:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration





#1

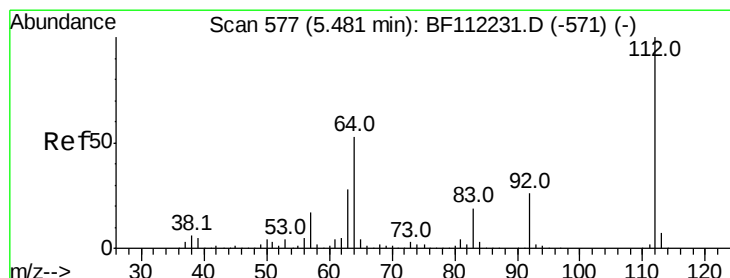
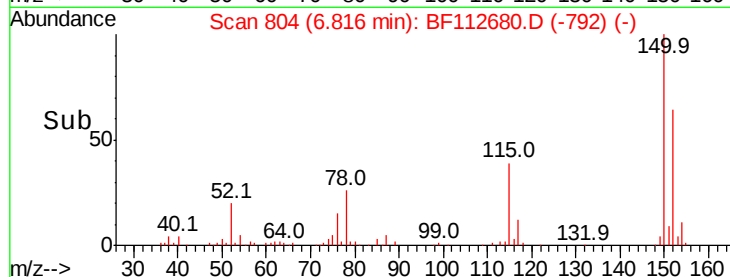
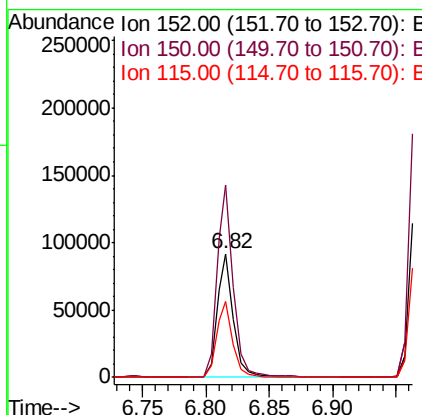
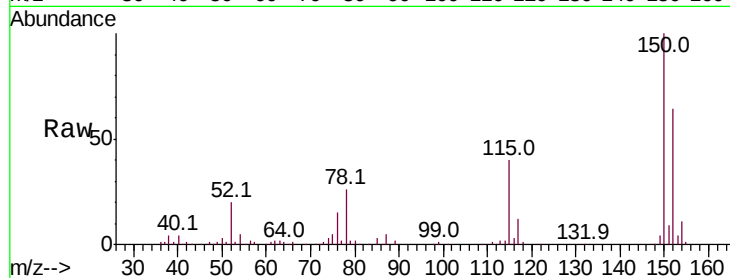
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampled :
25-25RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.0
115	61.5	45.5	68.3

Manual Integrations
APPROVED

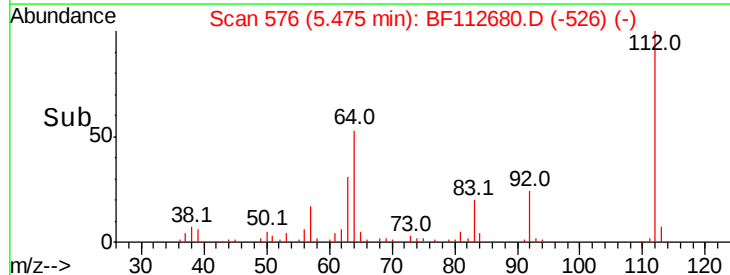
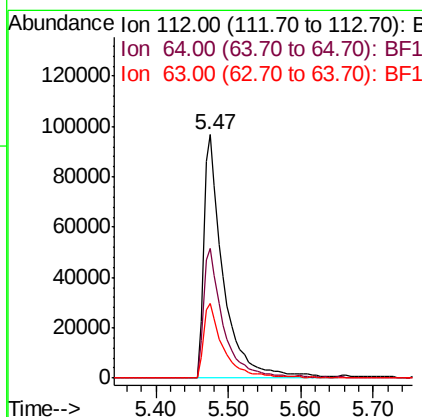
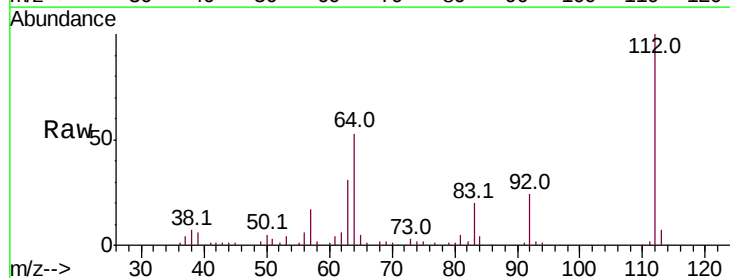
Sohil
2/25/2019 9:21:25 AM

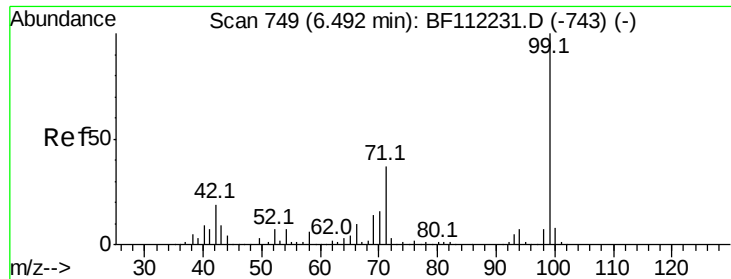


#5

2-Fluorophenol
Concen: 46.372 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	45.7	68.5
63	30.6	23.6	35.4





#7

Phenol-d6

Concen: 23.941 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

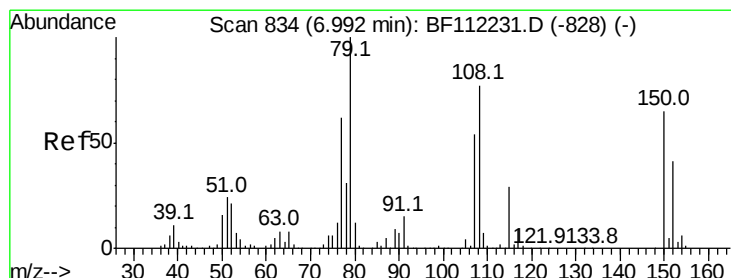
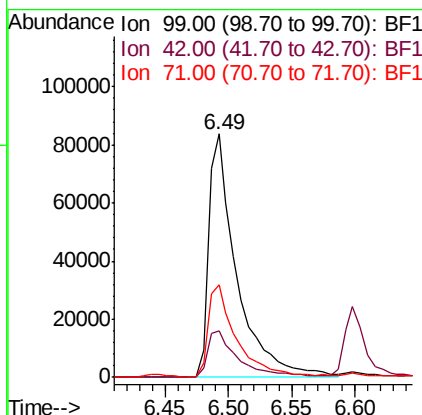
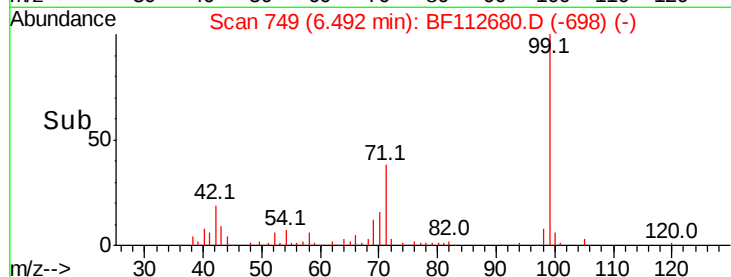
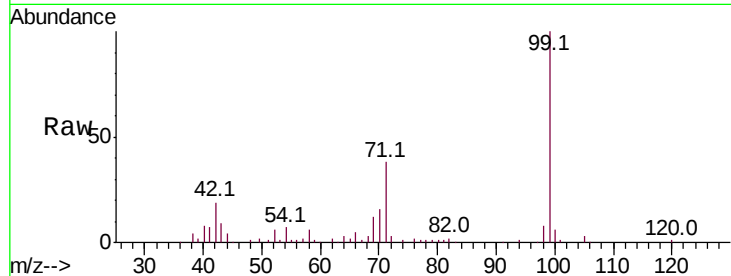
ClientSampleId :

25-25RE

Tot Ion:	99	Resp:	129352
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.1	22.7
71	38.2	26.9	40.3

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:25 AM



#15

Benzyl Alcohol

Concen: 34.488 ng m

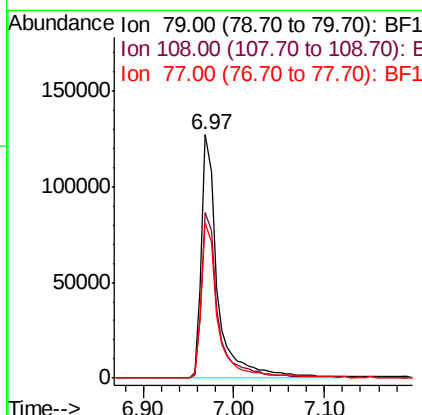
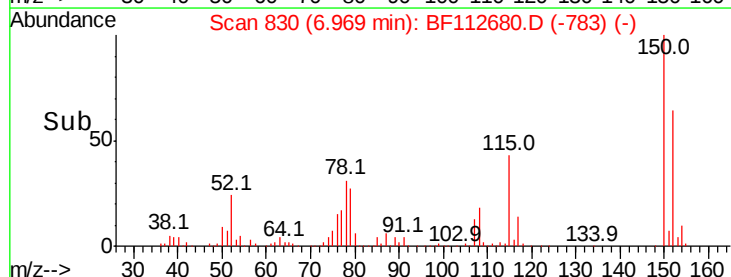
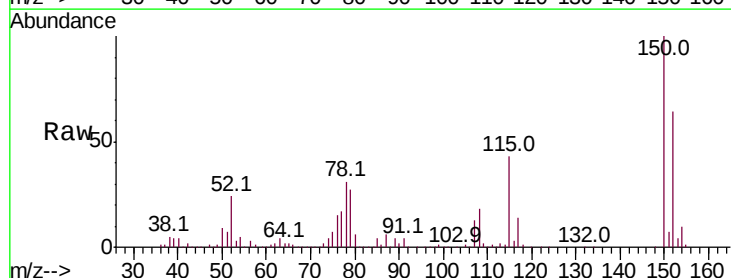
RT: 6.97 min Scan# 830

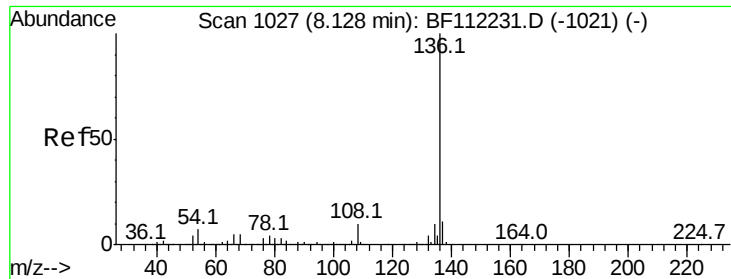
Delta R.T. -0.02 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Tgt Ion:	79	Resp:	157078
Ion Ratio	Lower	Upper	
79	100		
108	68.0	64.2	96.2
77	64.0	50.3	75.5





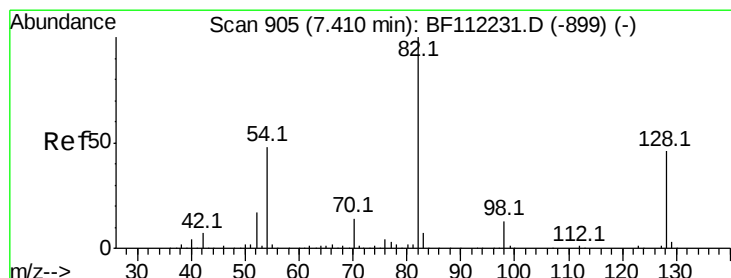
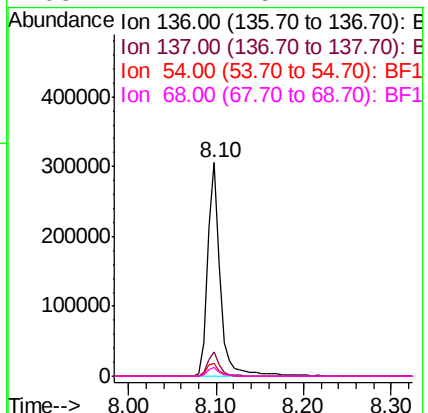
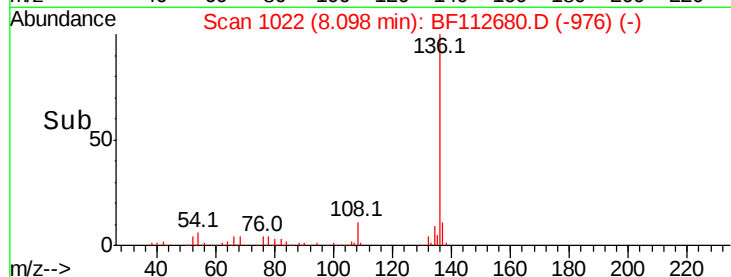
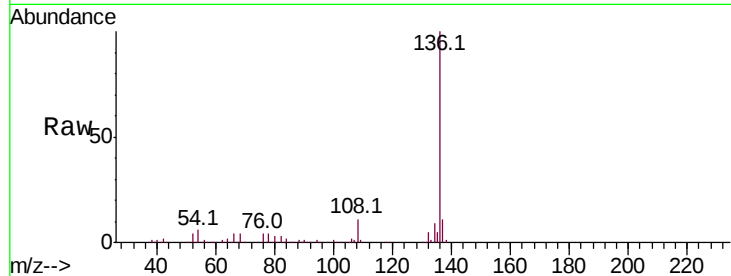
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.0	5.9	8.9
68	4.4	5.1	7.7#

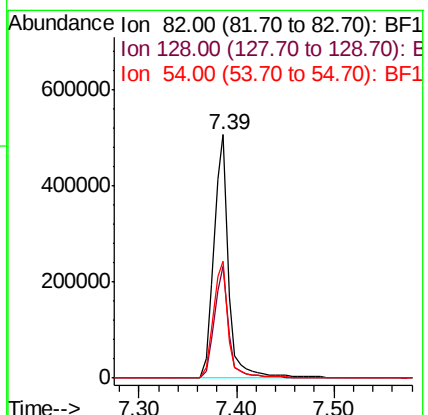
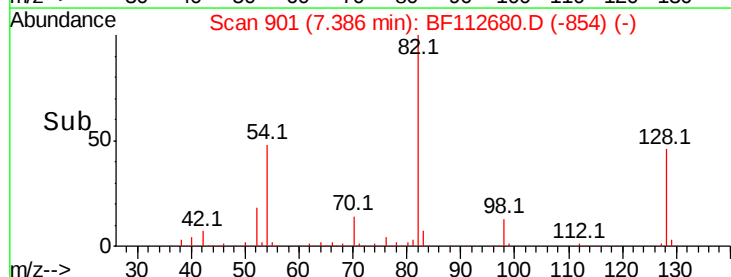
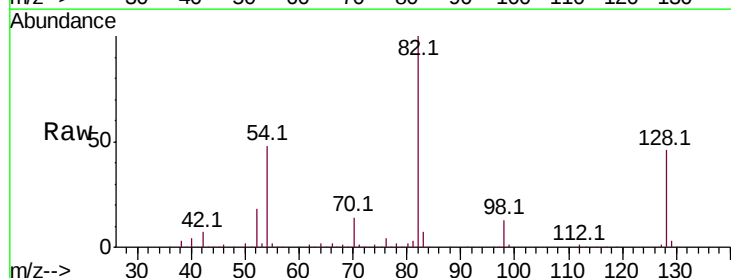
Manual Integrations
APPROVED

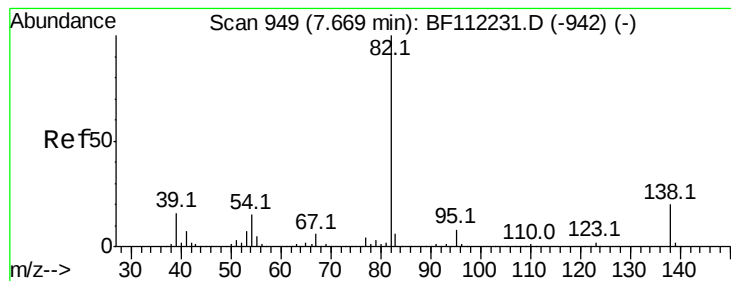
Sohil
2/25/2019 9:21:25 AM



#23
Nitrobenzene-d5
Concen: 99.938 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.9	37.8	56.8
54	48.2	39.7	59.5





#25

Isophorone

Concen: 2.445 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.04 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

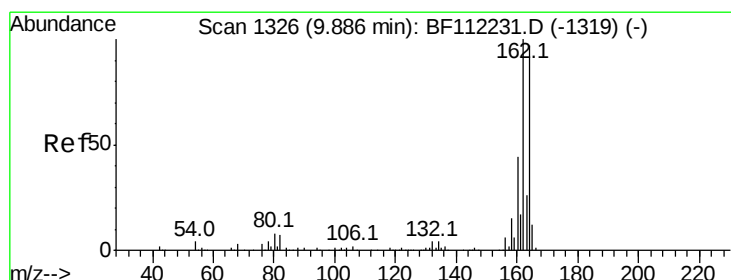
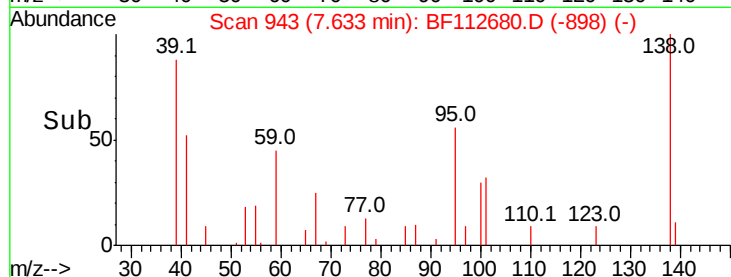
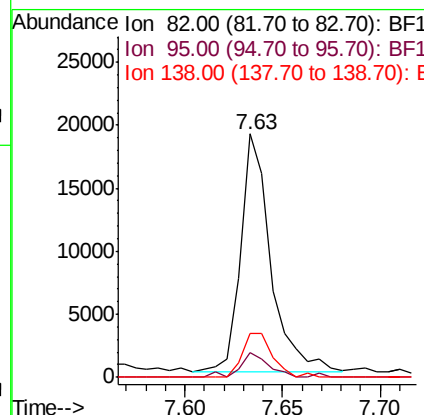
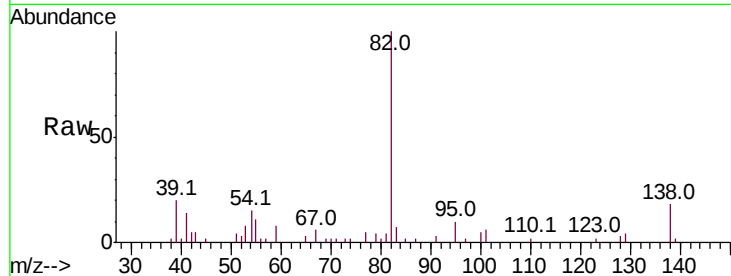
ClientSampled :

25-25RE

Tot Ion:	82	Resp:	20295
Ion Ratio	Lower	Upper	
82	100		
95	10.2	5.7	8.5#
138	18.1	15.4	23.0

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:25 AM



#39

Acenaphthene-d10

Concen: 20.000 ng

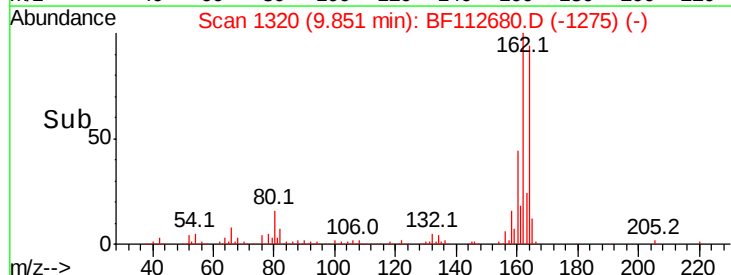
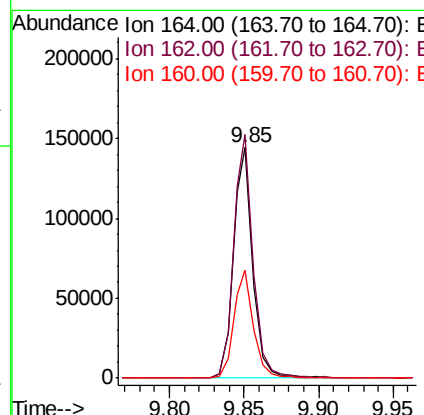
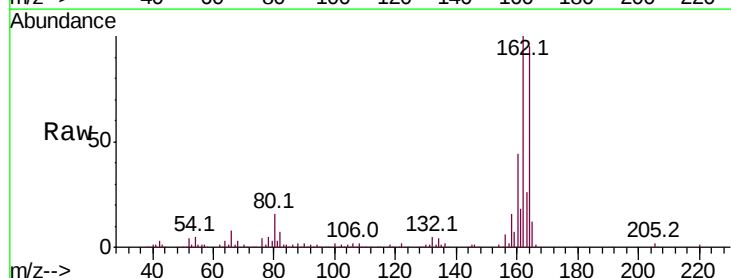
RT: 9.85 min Scan# 1320

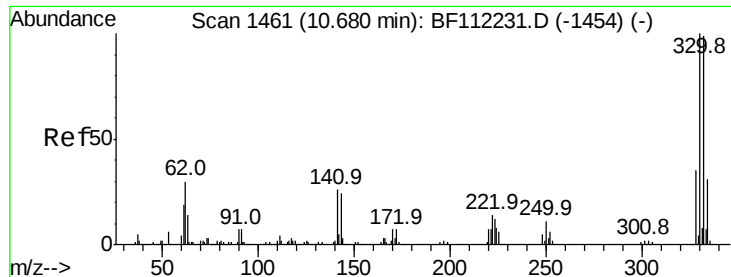
Delta R.T. -0.04 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Tgt Ion:	164	Resp:	132637
Ion Ratio	Lower	Upper	
164	100		
162	105.6	82.2	123.4
160	46.8	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 84.214 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

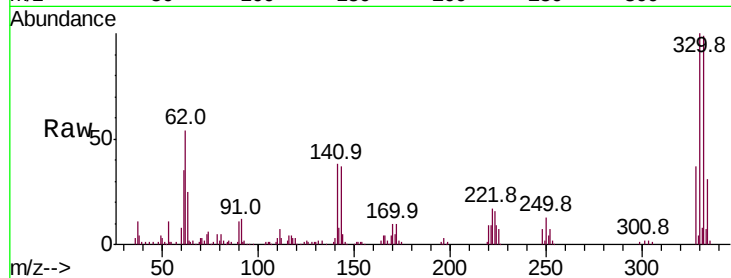
ClientSampled :

25-25RE

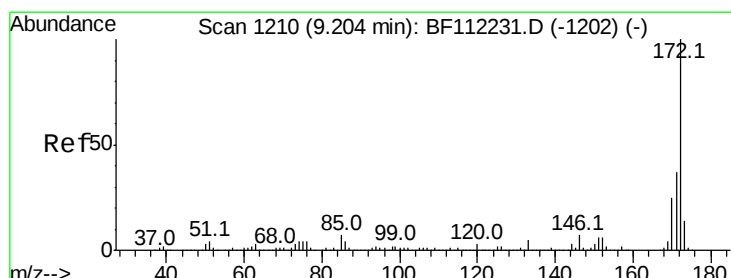
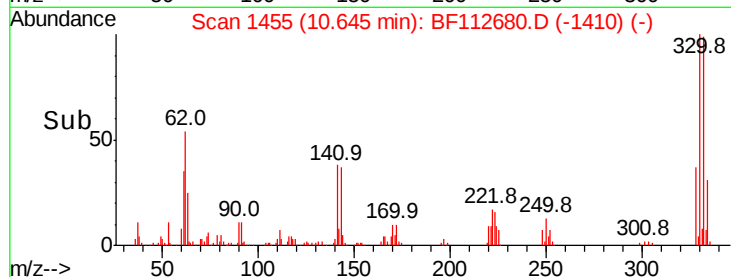
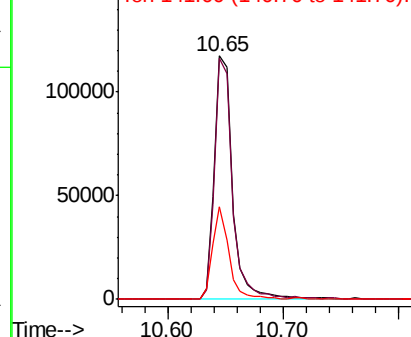
Tot Ion:	330	Resp:	130014
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	114.8
141	34.3	24.3	36.5

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:25 AM



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: 108.983 ng

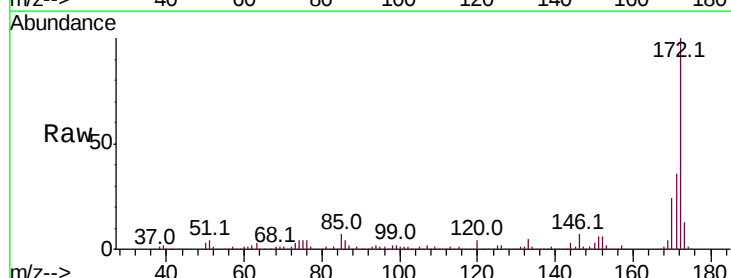
RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

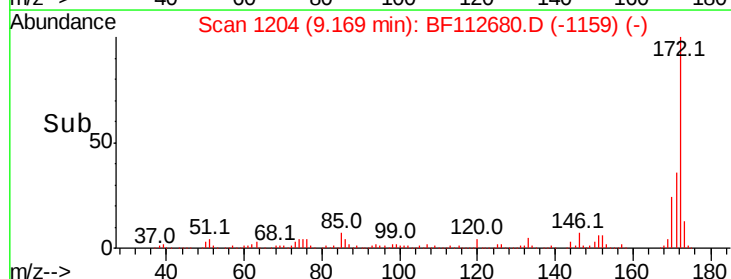
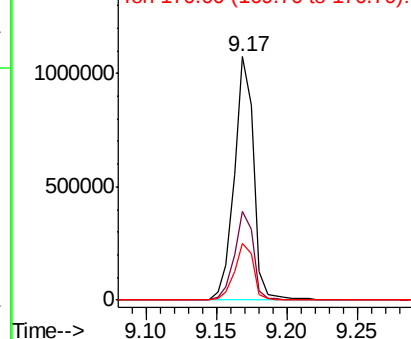
Lab File: BF112680.D

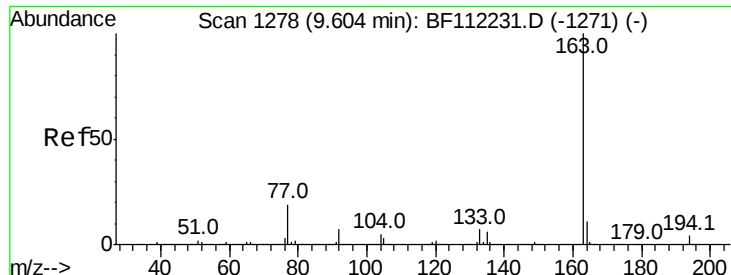
Acq: 22 Feb 2019 22:28

Tgt Ion:	172	Resp:	1022048
Ion Ratio	Lower	Upper	
172	100		
171	36.4	30.5	45.7
170	23.5	20.2	30.4



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





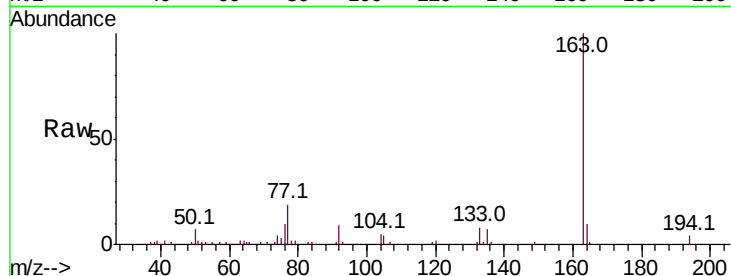
#50
Dimethylphthalate
Concen: 6.142 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

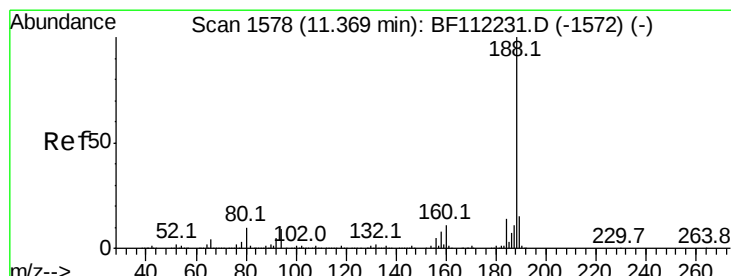
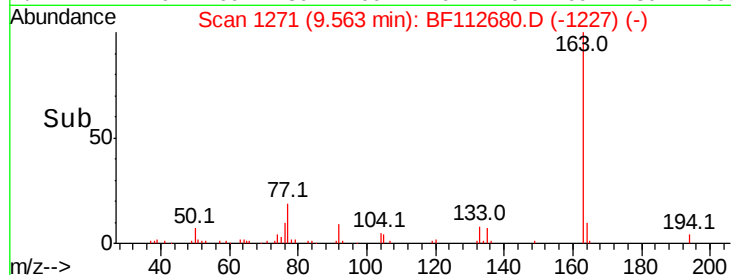
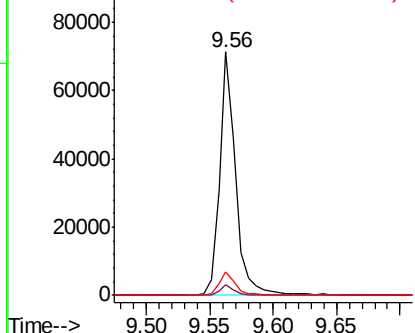
Tot Ion	Ratio	Resp	Lower	Upper
163	100	63292		
194	4.3		3.3	4.9
164	9.8		8.5	12.7

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:25 AM



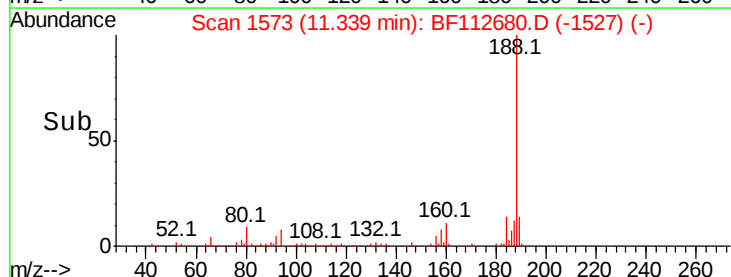
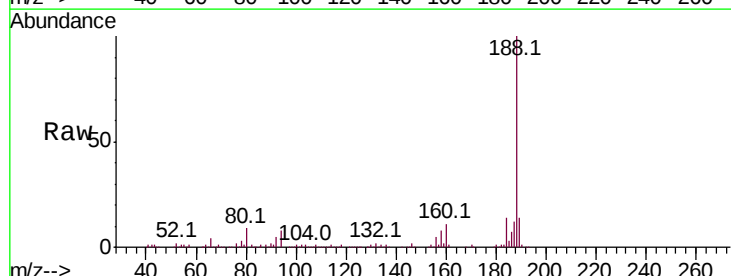
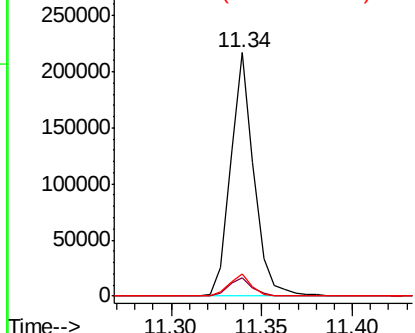
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

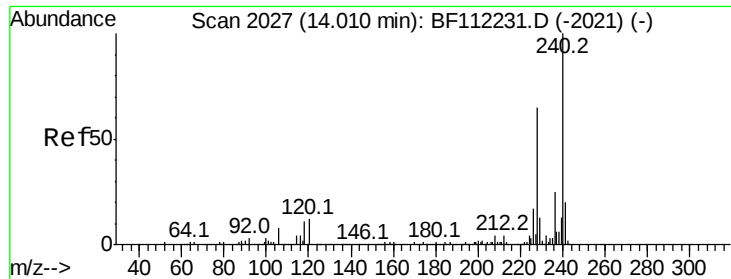


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	194523		
94	7.6		8.2	12.2#
80	9.1		8.9	13.3

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Instrument :

BNA_F

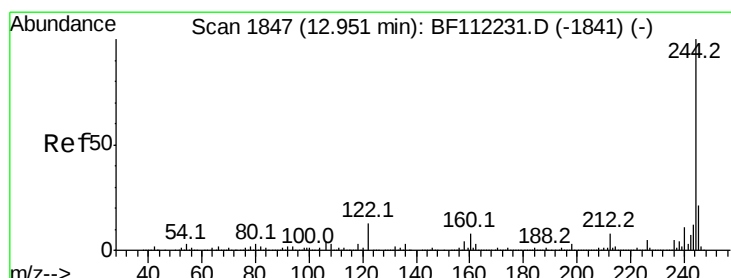
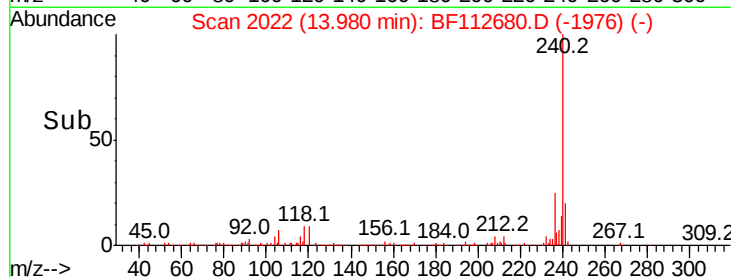
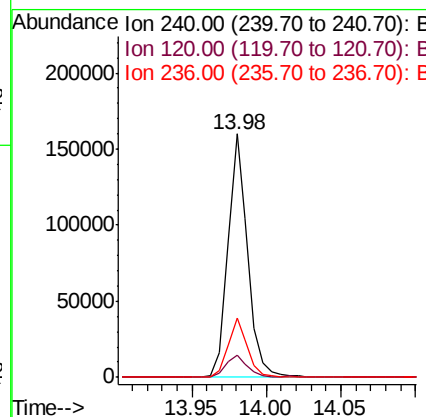
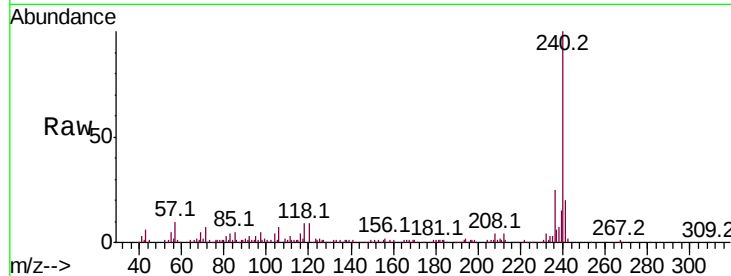
ClientSampleId :

25-25RE

Tot Ion:	240	Resp:	149573
Ion Ratio	Lower	Upper	
240	100		
120	9.1	9.0	13.6
236	24.6	20.7	31.1

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:25 AM



#79

Terphenyl-d14

Concen: 68.600 ng

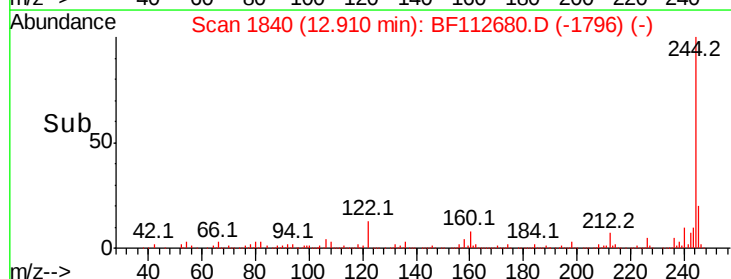
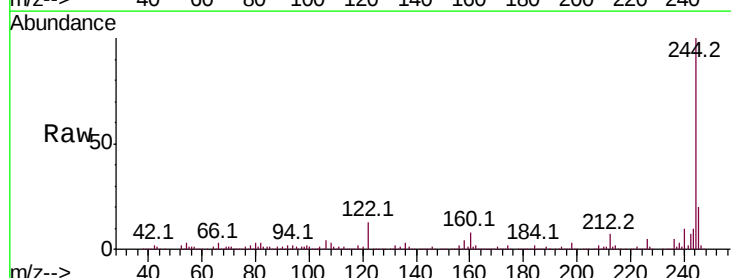
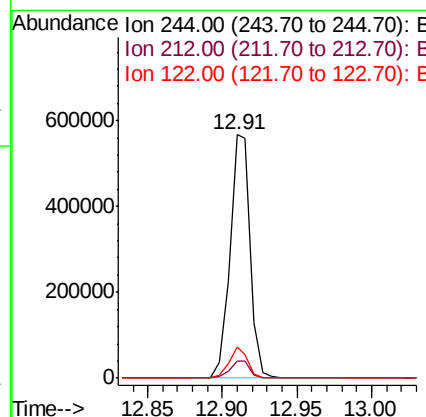
RT: 12.91 min Scan# 1840

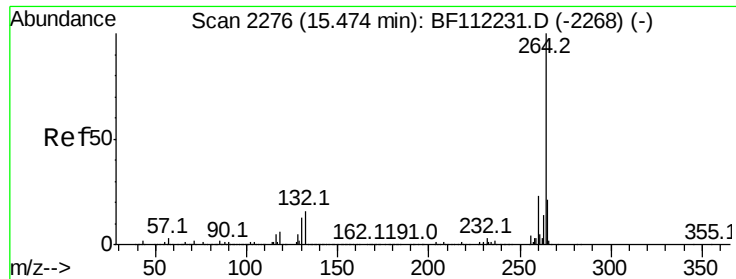
Delta R.T. -0.04 min

Lab File: BF112680.D

Acq: 22 Feb 2019 22:28

Tgt Ion:	244	Resp:	544784
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.9	8.9
122	12.9	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.8	18.2	27.2
265	20.4	17.0	25.4

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:25 AM

