

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112977.D
 Acq On : 12 Mar 2019 1:33
 Operator : JU/SJ
 Sample : K1822-02 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-8-BOD

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:29:05 PM

Quant Time: Mar 12 07:11:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	181236	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	665570	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	201137	20.00	ng	0.01
64) Phenanthrene-d10	11.29	188	235214	20.00	ng	0.04
76) Chrysene-d12	13.89	240	469938	20.00	ng	0.01
87) Perylene-d12	15.28	264	453669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	17314	1.49	ng	-0.01
7) Phenol-d6	6.36	99	29013	1.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	36997	3.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	3848	1.80	ng	0.02
45) 2-Fluorobiphenyl	9.09	172	42453	1.34	ng	0.00
79) Terphenyl-d14	12.85	244	27497	1.13	ng	0.02
Target Compounds						
31) Naphthalene	8.04	128	267461	8.094	ng	99
37) 2-Methylnaphthalene	8.73	142	290968	13.635	ng	99
38) 1-Methylnaphthalene	8.83	142	149697m	7.242	ng	
46) 1,1'-Biphenyl	9.20	154	68020	4.146	ng	96

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

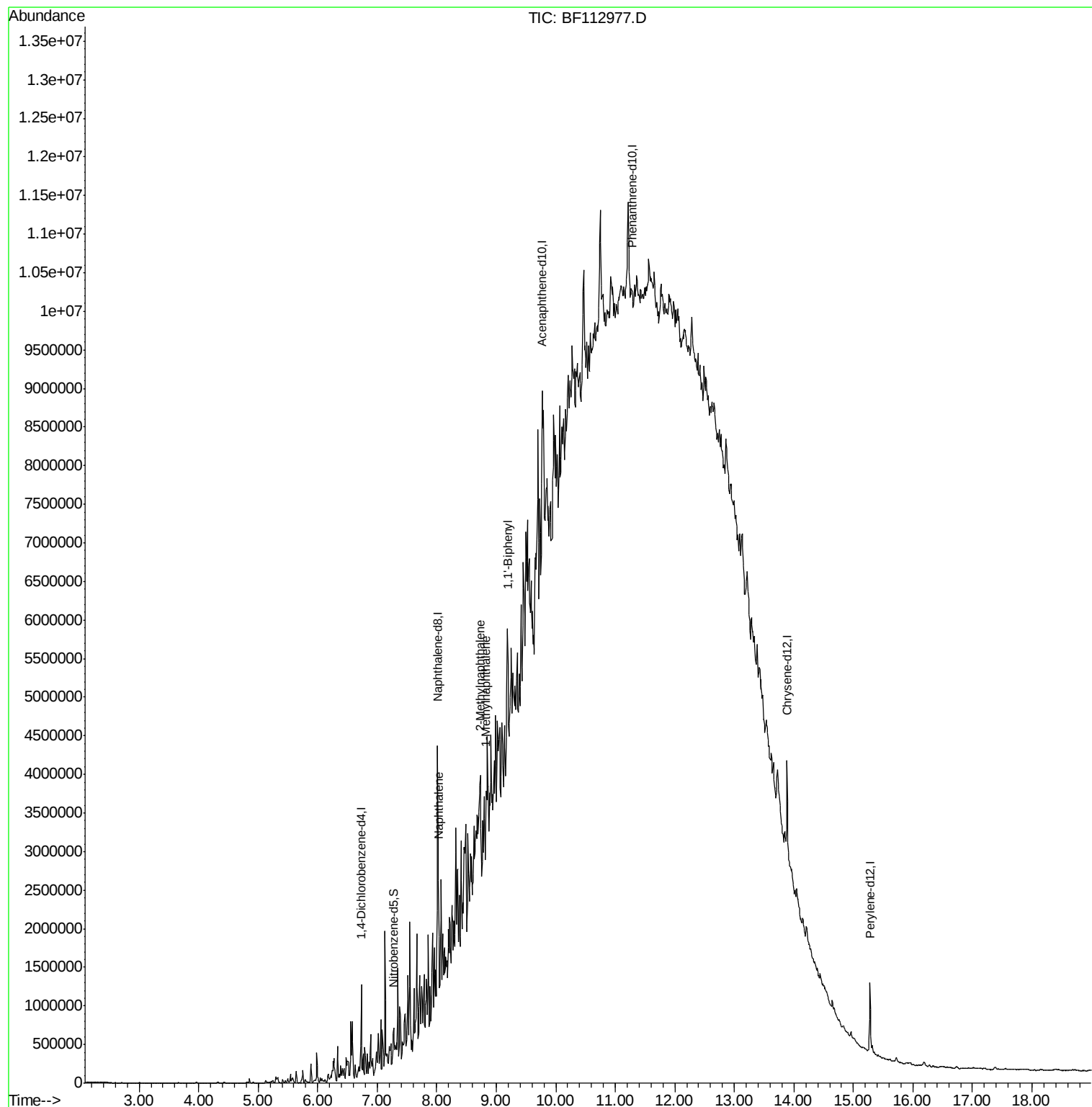
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112977.D
Acq On : 12 Mar 2019 1:33
Operator : JU/SJ
Sample : K1822-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

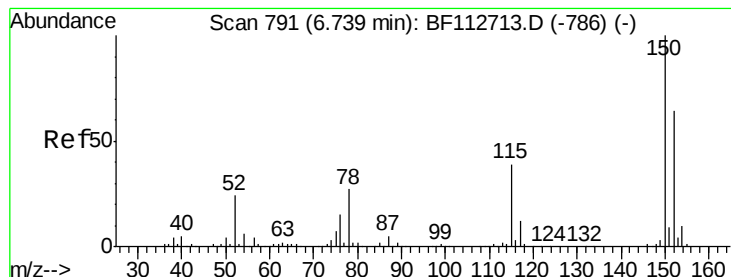
Instrument :
BNA_F
ClientSampleId :
3-8-BOD

Manual Integrations
APPROVED

Sohil
3/12/2019 4:29:05 PM

Quant Time: Mar 12 07:11:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration





#1

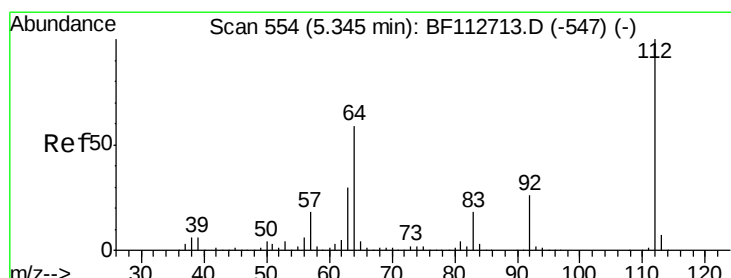
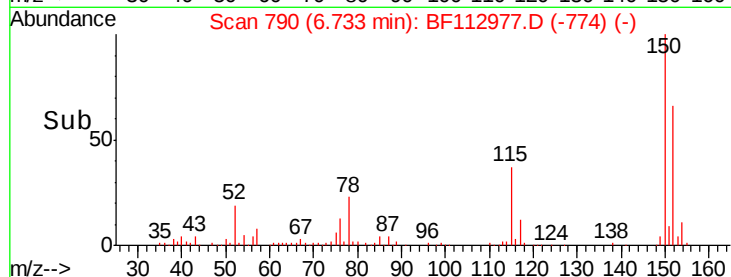
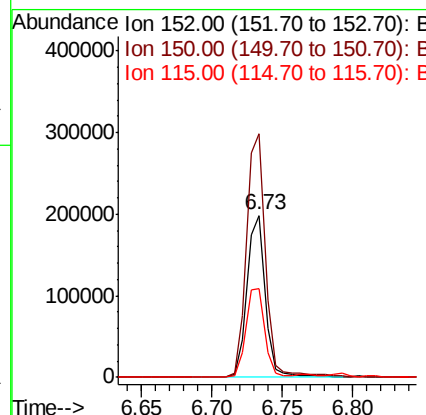
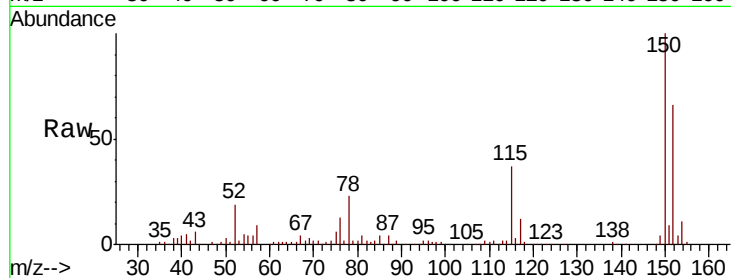
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF112977.D
 Acq: 12 Mar 2019 1:33

Instrument :
 BNA_F
 ClientSampleId :
 3-8-BOD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.2	186.2
115	55.0	48.2	72.4

Manual Integrations
 APPROVED

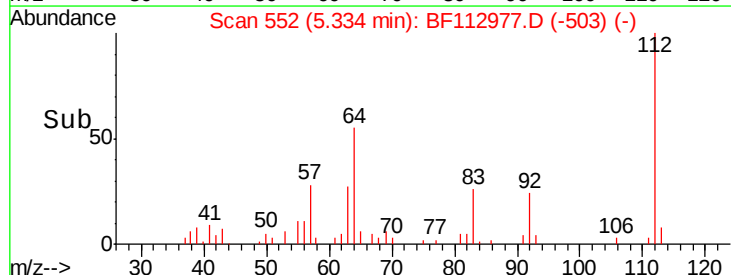
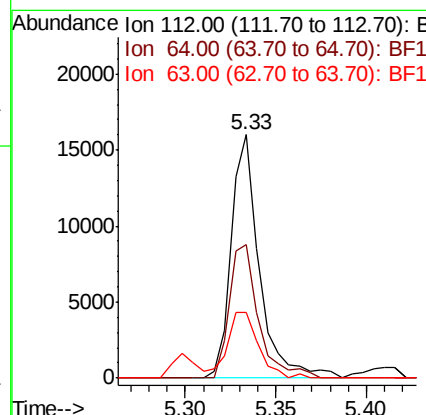
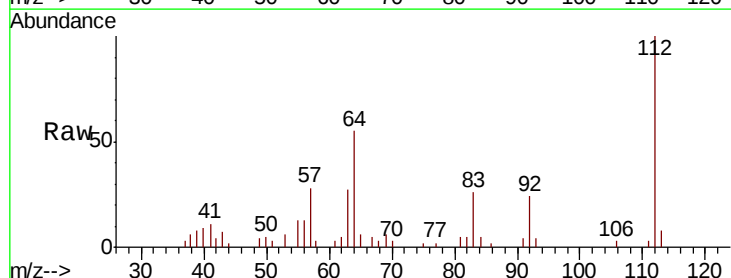
Sohil
 3/12/2019 4:29:05 PM

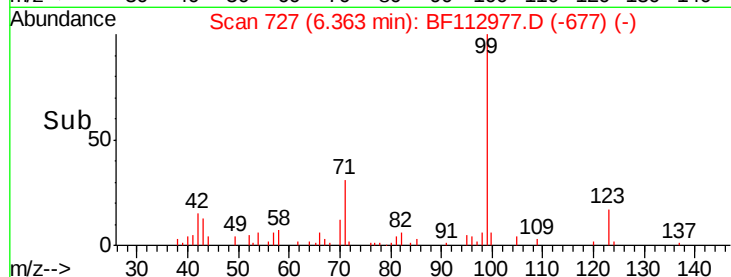
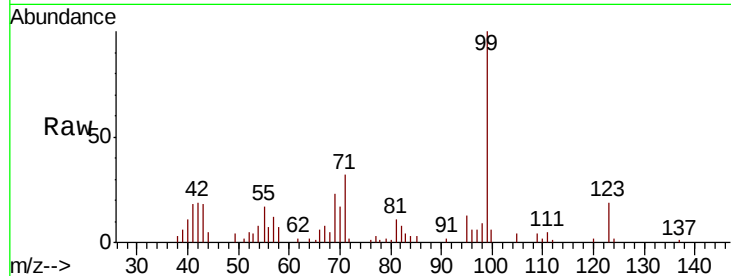
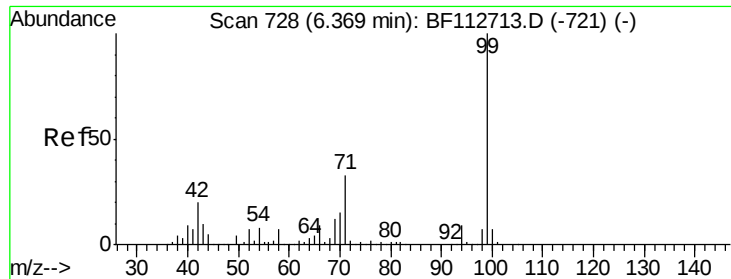


#5

2-Fluorophenol
 Concen: 1.486 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112977.D
 Acq: 12 Mar 2019 1:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.6	71.4
63	26.9	24.4	36.6





#7

Phenol-d6

Concen: 1.982 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112977.D

Acq: 12 Mar 2019 1:33

Tot Ion:	99	Resp:	29013
Ion Ratio	Lower	Upper	
99	100		
42	18.8	16.3	24.5
71	32.4	26.2	39.4

Instrument :

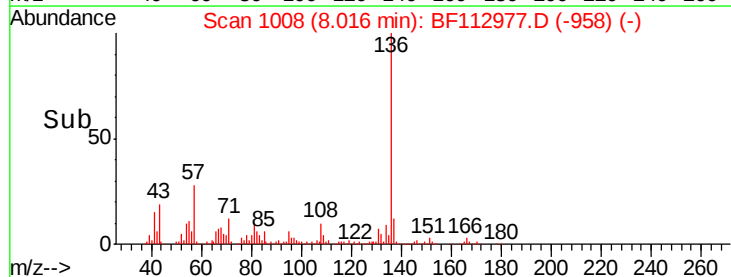
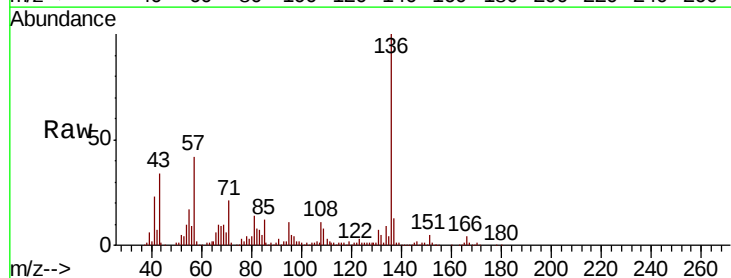
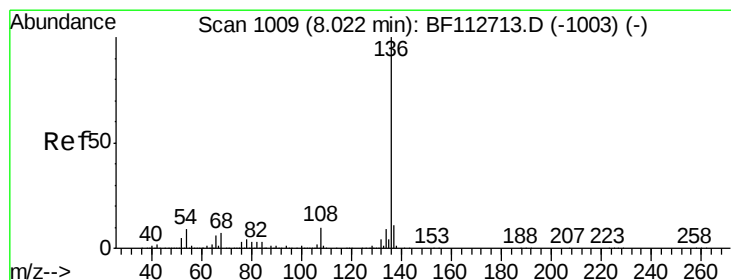
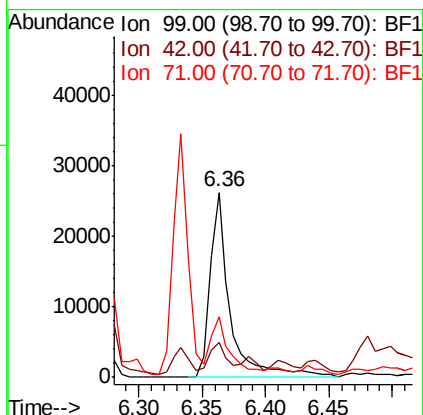
BNA_F

ClientSampleId :

3-8-BOD

Manual Integrations
APPROVED

Sohil
3/12/2019 4:29:05 PM



#21

Naphthalene-d8

Concen: 20.000 ng

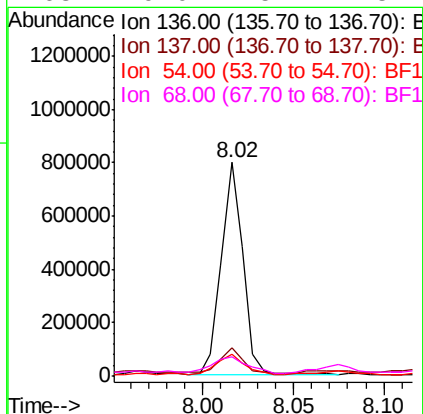
RT: 8.02 min Scan# 1008

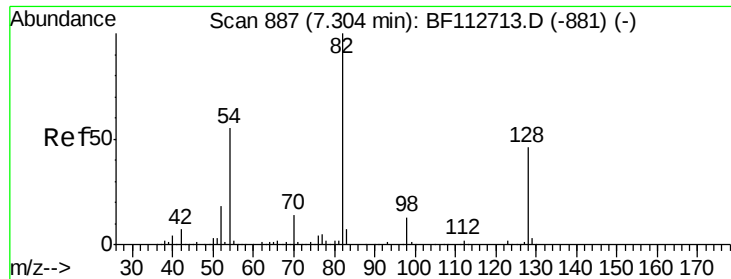
Delta R.T. -0.01 min

Lab File: BF112977.D

Acq: 12 Mar 2019 1:33

Tgt Ion:	136	Resp:	665570
Ion Ratio	Lower	Upper	
136	100		
137	12.9	8.9	13.3
54	10.1	7.3	10.9
68	9.0	5.4	8.2#





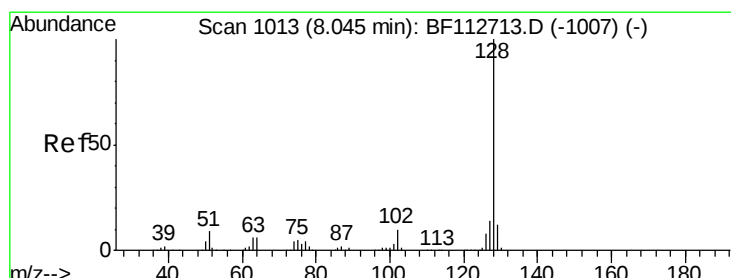
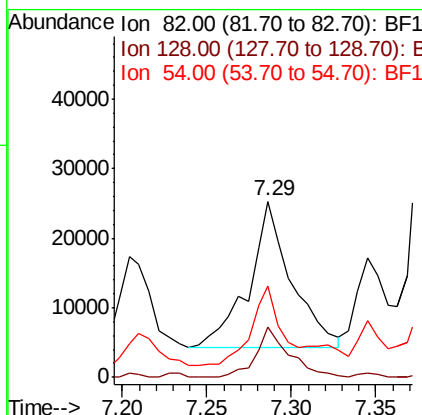
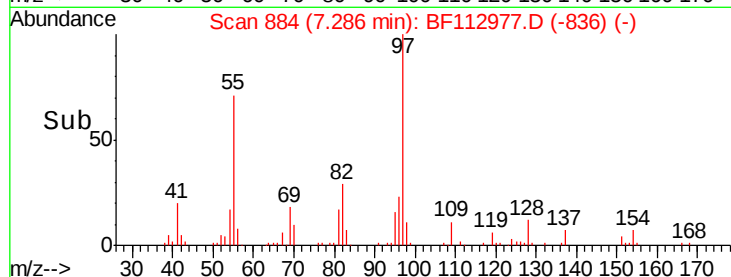
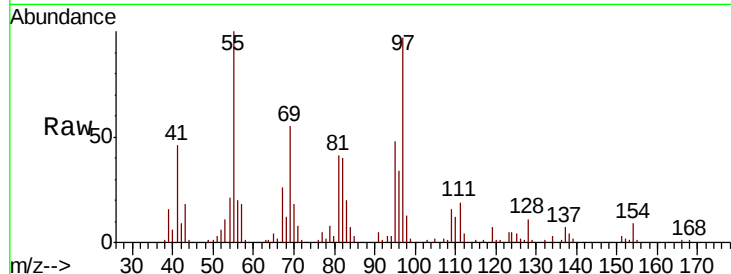
#23
Nitrobenzene-d5
Concen: 3.326 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112977.D
Acq: 12 Mar 2019 1:33

Instrument :
BNA_F
ClientSampled :
3-8-BOD

Tot Ion	82	Resp	36997
Ion Ratio	100	Lower	Upper
128	28.4	36.3	54.5#
54	51.9	43.7	65.5

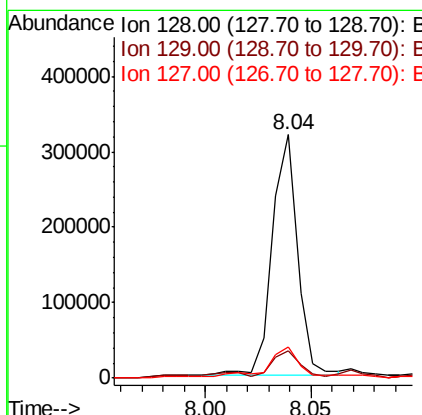
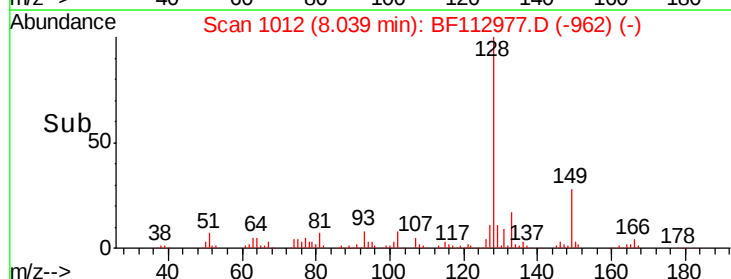
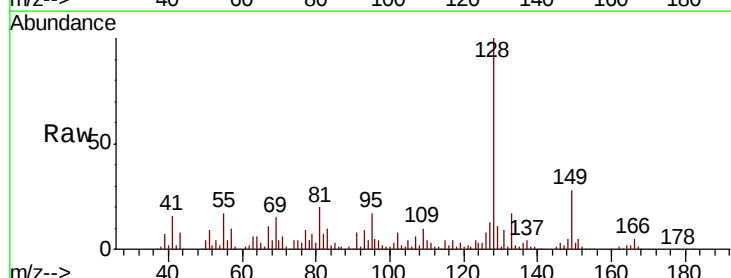
Manual Integrations
APPROVED

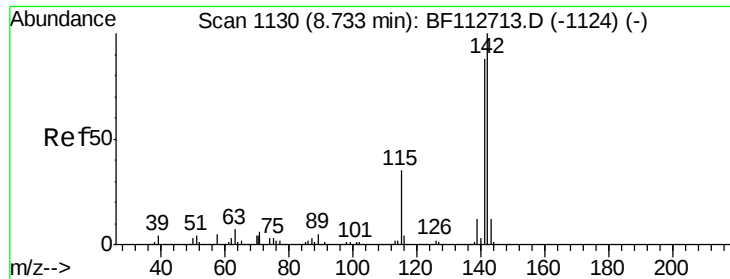
Sohil
3/12/2019 4:29:05 PM



#31
Naphthalene
Concen: 8.094 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112977.D
Acq: 12 Mar 2019 1:33

Tgt Ion	128	Resp	267461
Ion Ratio	100	Lower	Upper
129	11.3	9.3	13.9
127	13.0	10.9	16.3





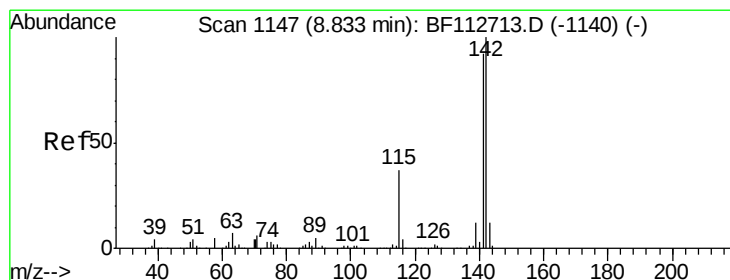
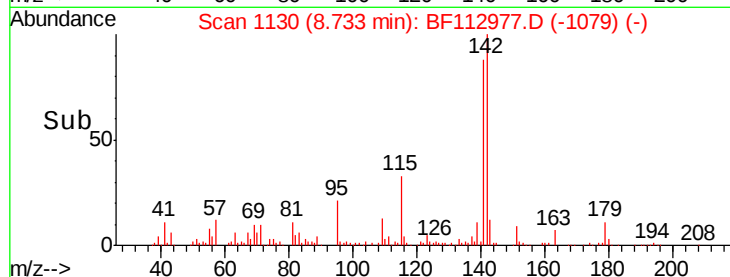
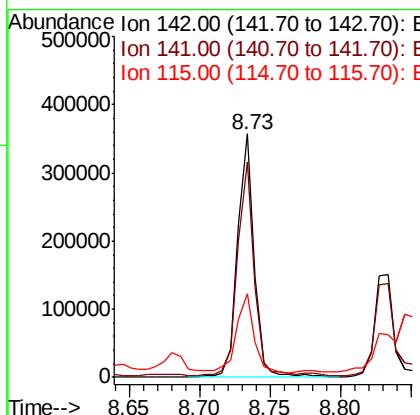
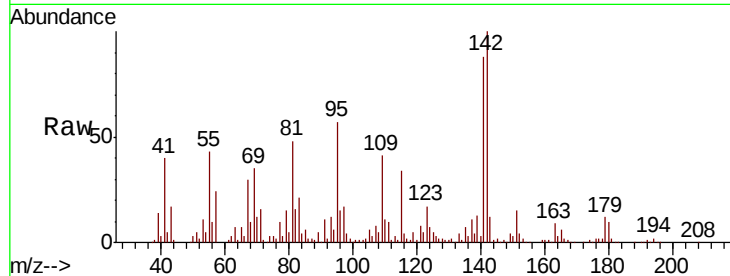
#37
2-Methylnaphthalene
Concen: 13.635 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF112977.D
Acq: 12 Mar 2019 1:33

Instrument :
BNA_F
ClientSampleId :
3-8-BOD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	290968		
141	88.4	70.3	105.5	
115	34.5	27.8	41.6	

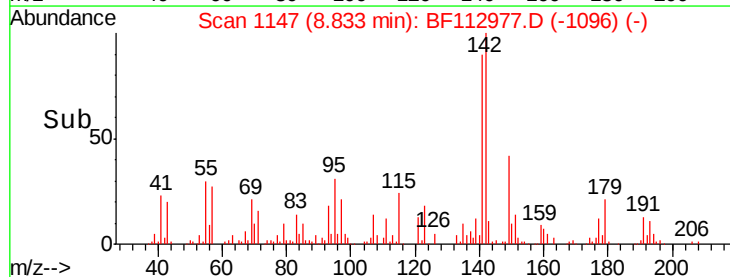
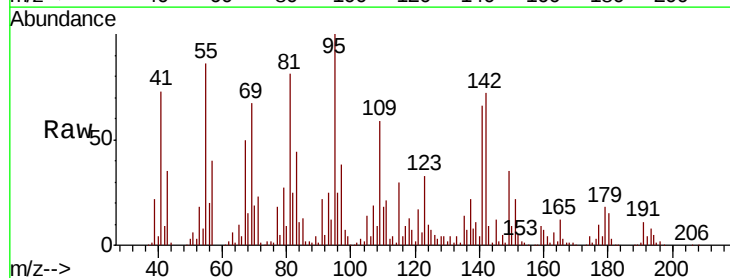
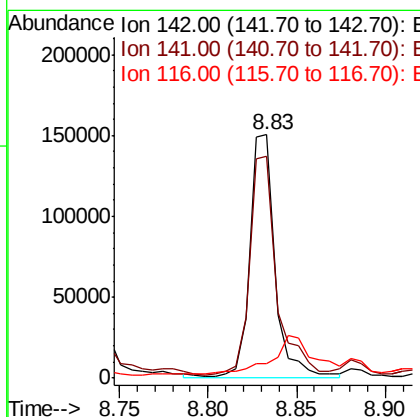
Manual Integrations
APPROVED

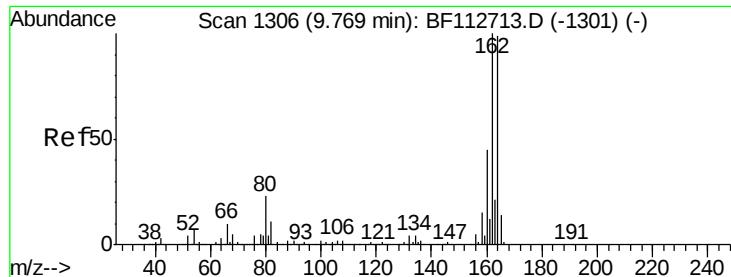
Sohil
3/12/2019 4:29:05 PM



#38
1-Methylnaphthalene
Concen: 7.242 ng m
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF112977.D
Acq: 12 Mar 2019 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	149697		
141	90.9	73.7	110.5	
116	6.0	3.1	4.7#	





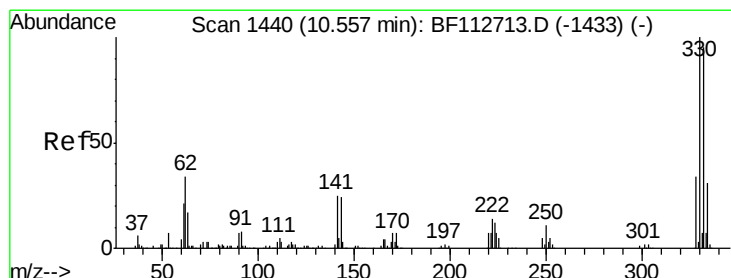
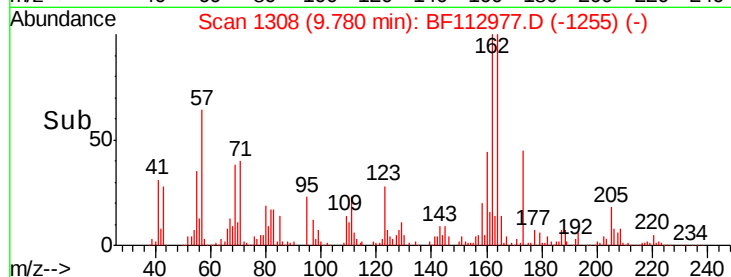
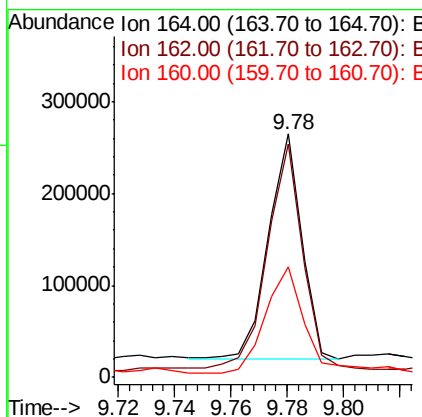
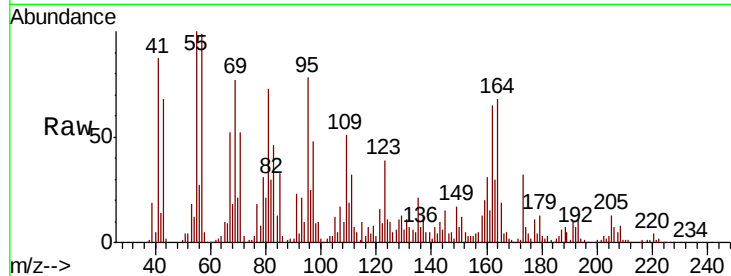
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF112977.D
 Acq: 12 Mar 2019 1:33

Instrument :
 BNA_F
 ClientSampleId :
 3-8-BOD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	201137		
162	96.1	80.6	120.8	
160	45.4	36.0	54.0	

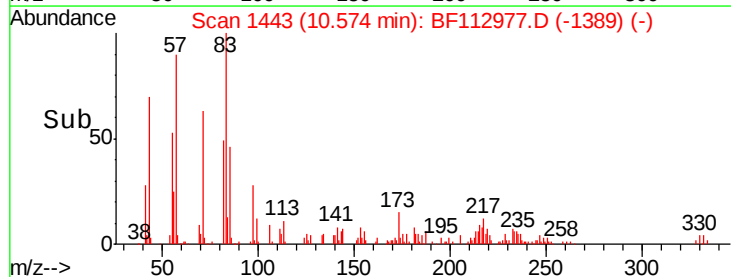
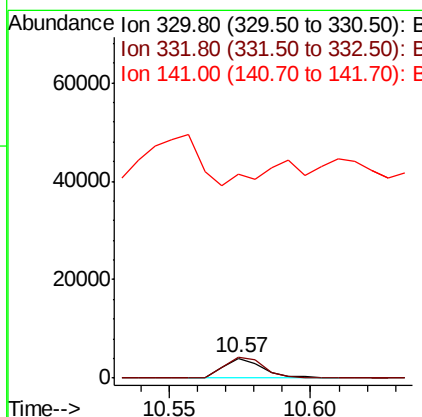
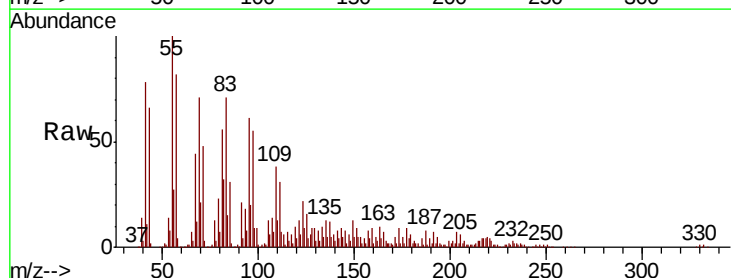
Manual Integrations
 APPROVED

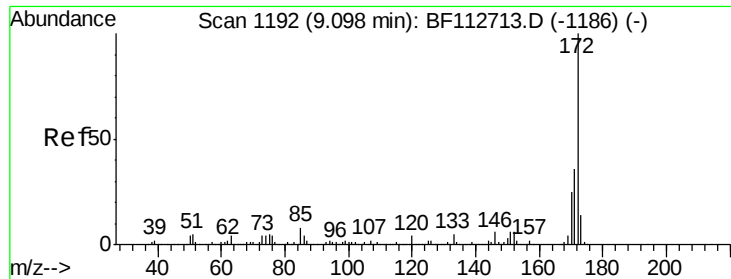
Sohil
 3/12/2019 4:29:05 PM



#42
 2,4,6-Tribromophenol
 Concen: 1.802 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: BF112977.D
 Acq: 12 Mar 2019 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	3848		
332	103.0	76.2	114.4	
141	64.7	27.0	40.6	





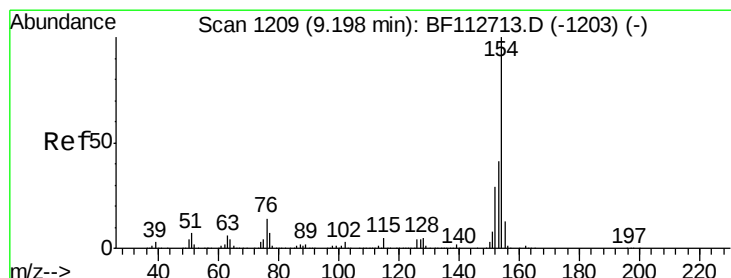
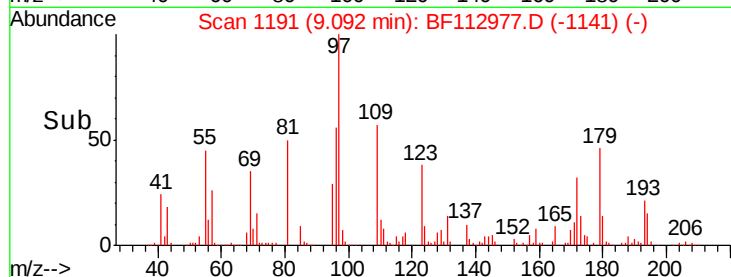
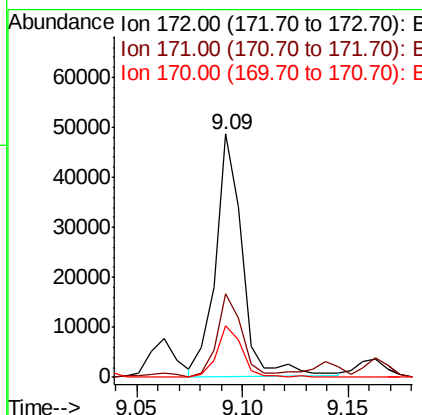
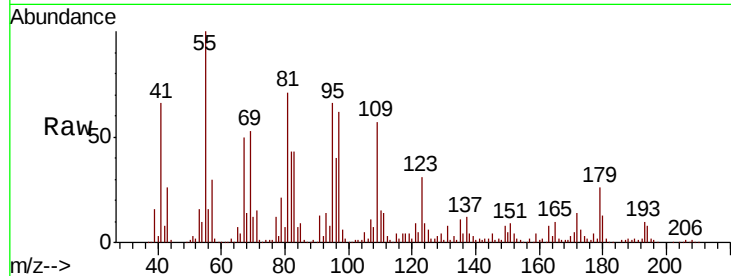
#45
2-Fluorobiphenyl
Concen: 1.336 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112977.D
Acq: 12 Mar 2019 1:33

Instrument :
BNA_F
ClientSampled :
3-8-BOD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.0	43.4
170	21.4	20.0	30.0

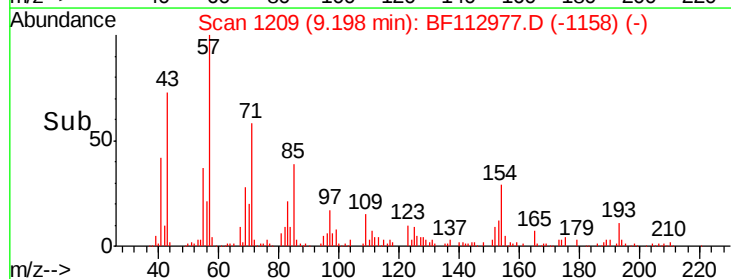
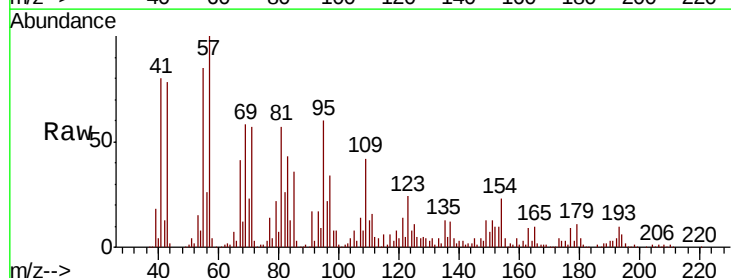
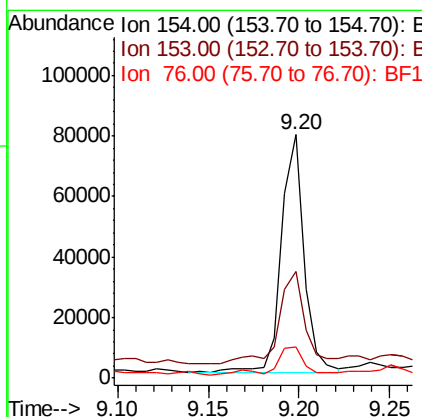
Manual Integrations
APPROVED

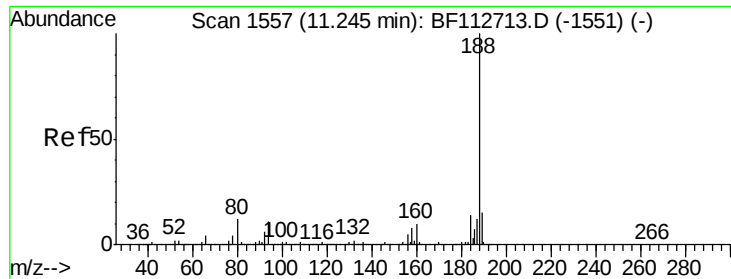
Sohil
3/12/2019 4:29:05 PM



#46
1,1'-Biphenyl
Concen: 4.146 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF112977.D
Acq: 12 Mar 2019 1:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	20.8	60.8
76	12.5	0.0	33.8





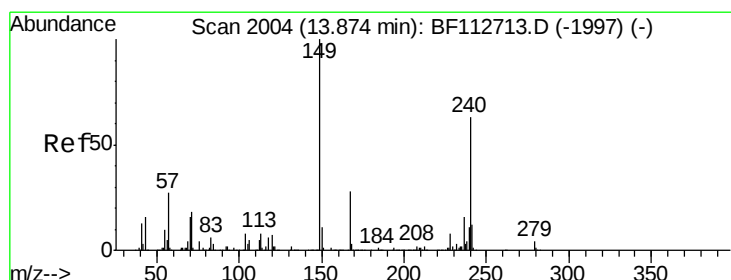
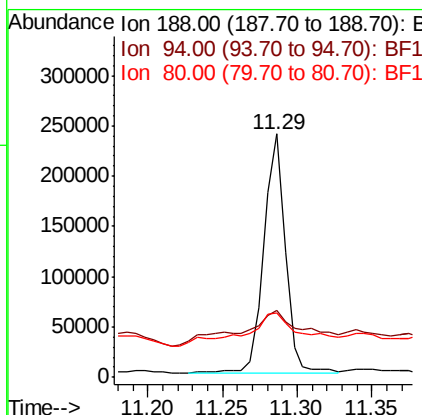
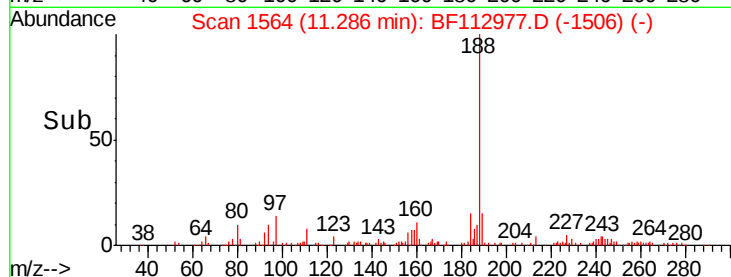
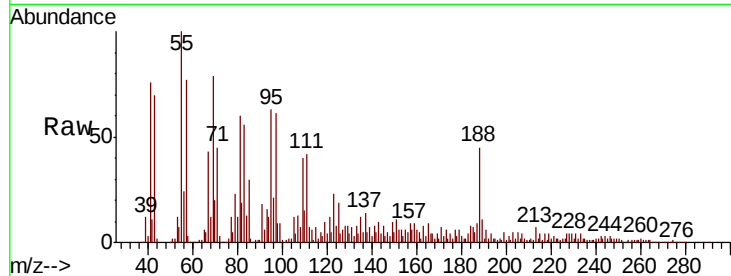
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.04 min
Lab File: BF112977.D
Acq: 12 Mar 2019 1:33

Instrument :
BNA_F
ClientSampleId :
3-8-BOD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	235214		
94	27.7	9.0	13.4#	
80	26.6	9.2	13.8#	

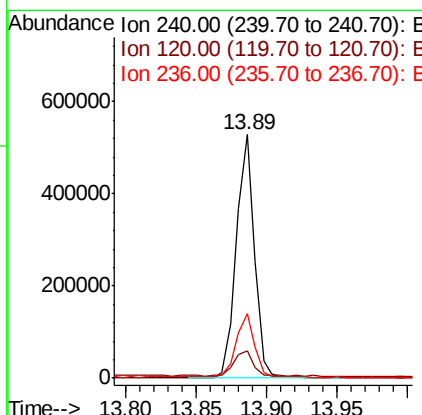
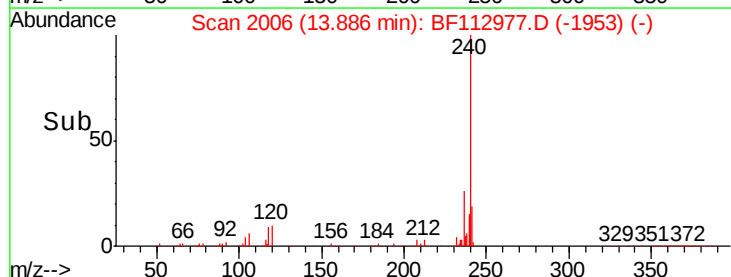
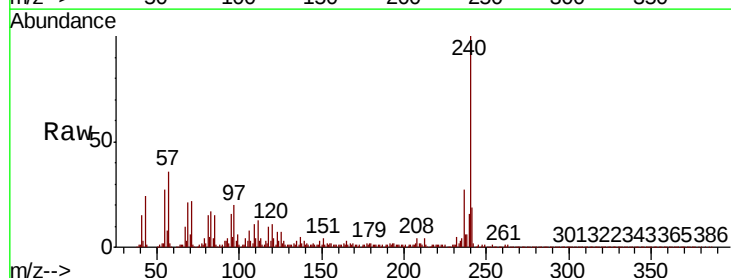
Manual Integrations
APPROVED

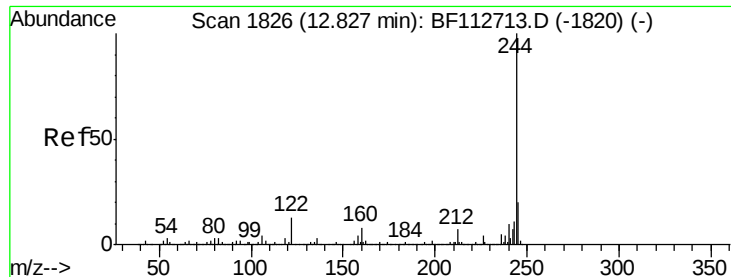
Sohil
3/12/2019 4:29:05 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112977.D
Acq: 12 Mar 2019 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	469938		
120	11.1	8.9	13.3	
236	26.6	20.7	31.1	





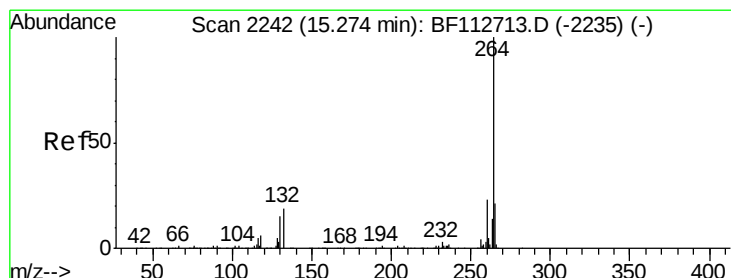
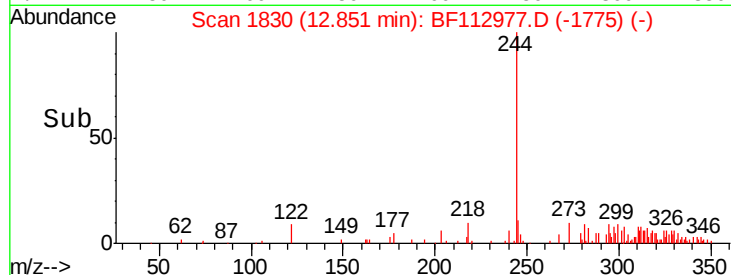
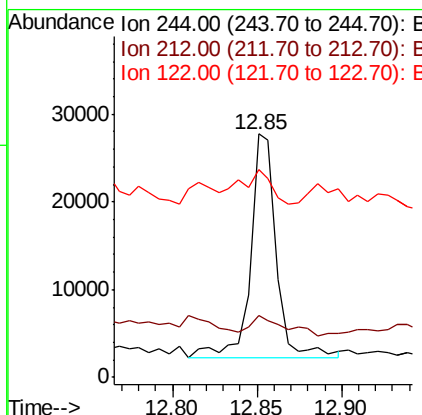
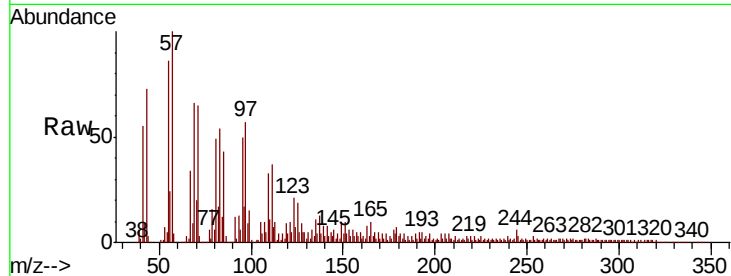
#79
 Terphenyl-d14
 Concen: 1.134 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.02 min
 Lab File: BF112977.D
 Acq: 12 Mar 2019 1:33

Instrument :
 BNA_F
 ClientSampleId :
 3-8-BOD

Tot Ion	Ratio	Lower	Upper
244	100		
212	25.6	5.6	8.4#
122	85.4	10.5	15.7#

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:29:05 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF112977.D
 Acq: 12 Mar 2019 1:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.5	17.2	25.8

