

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113164.D
 Acq On : 20 Mar 2019 11:53
 Operator : JU/SJ
 Sample : K1980-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCXY2

Manual Integrations
 APPROVED

Sohil
 3/21/2019 6:36:10 PM

Quant Time: Mar 21 12:05:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113086	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	447612	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	257391	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	556900	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	510093	20.00	ng	-0.01
87) Perylene-d12	15.27	264	449870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	910241	125.21	ng	0.00
7) Phenol-d6	6.37	99	1063207	116.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	685423	91.63	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	449751	164.59	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1288560	82.23	ng	-0.01
79) Terphenyl-d14	12.82	244	1738692	66.08	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.68	122	13577	2.106	ng	Qvalue # 91
50) Dimethylphthalate	9.47	163	135370	7.133	ng	98
75) Fluoranthene	12.44	202	69547	2.343	ng	95
88) Benzo(b)fluoranthene	14.87	252	59679m	2.051	ng	

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

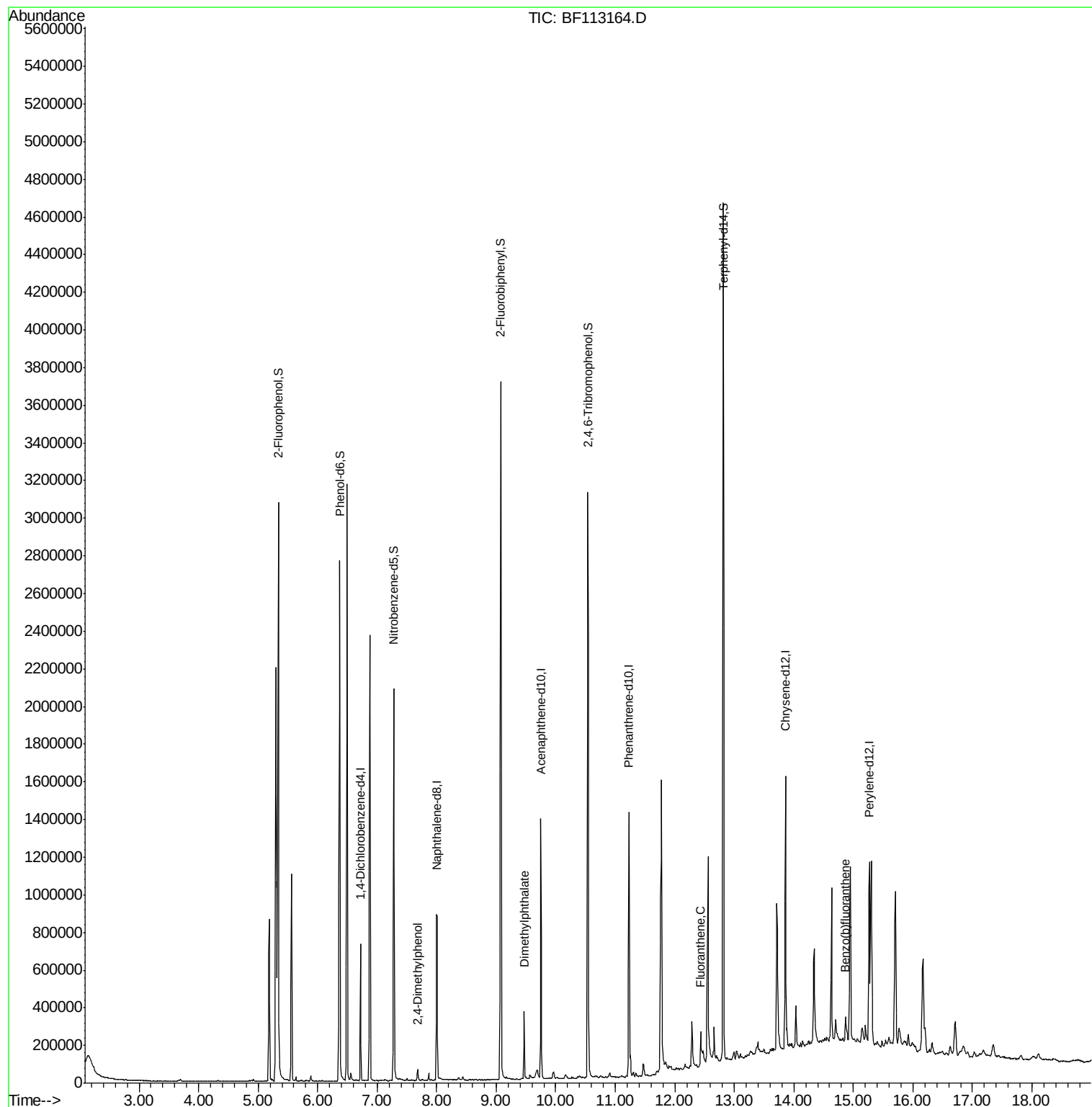
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113164.D
Acq On : 20 Mar 2019 11:53
Operator : JU/SJ
Sample : K1980-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

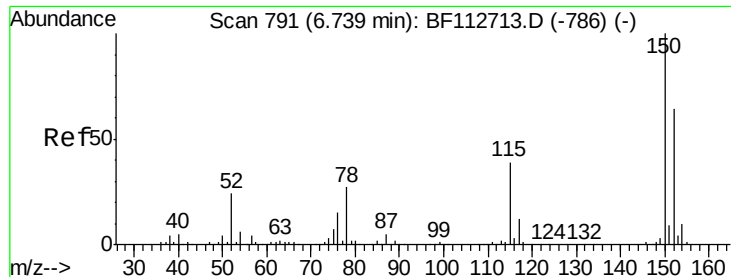
Instrument :
BNA_F
ClientSampleId :
WCXY2

Manual Integrations
APPROVED

Sohil
3/21/2019 6:36:10 PM

Quant Time: Mar 21 12:05:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration





#1

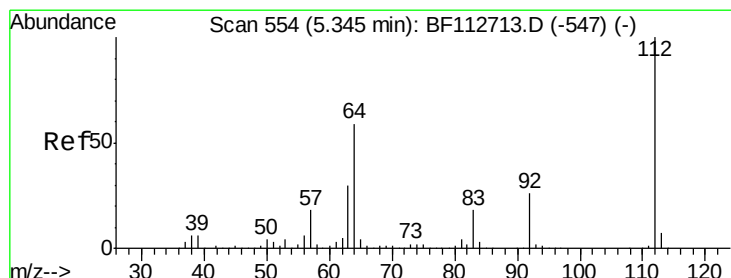
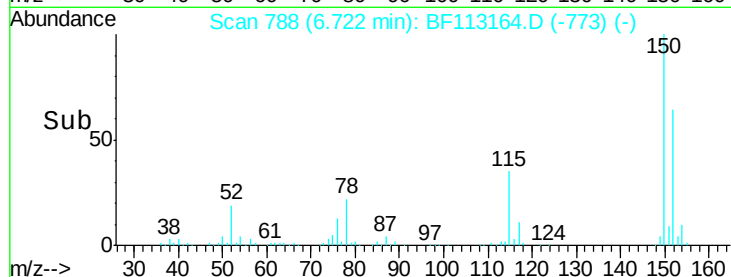
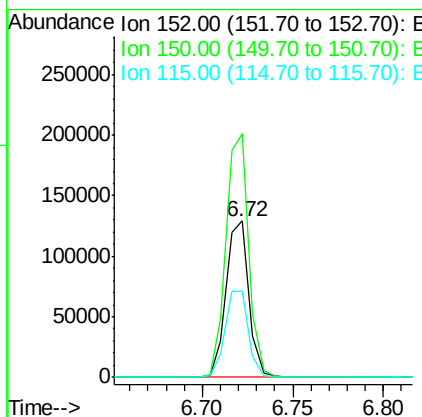
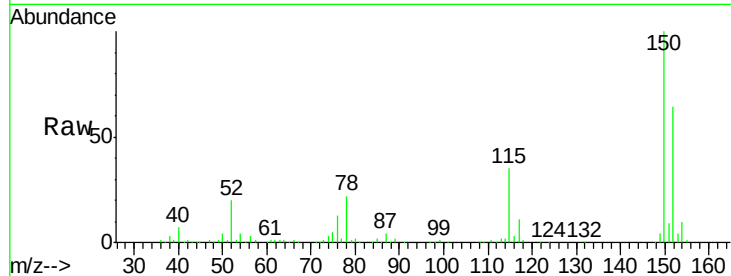
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Instrument :
BNA_F
ClientSampled :
WCXY2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	54.9	48.2	72.4

Manual Integrations
APPROVED

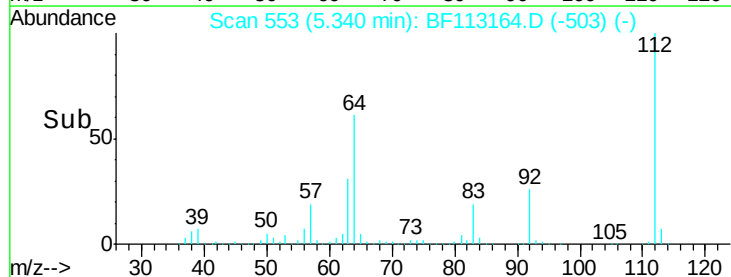
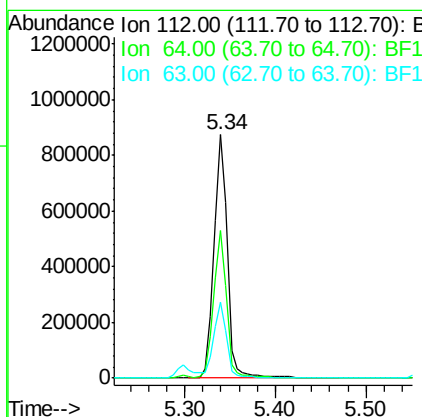
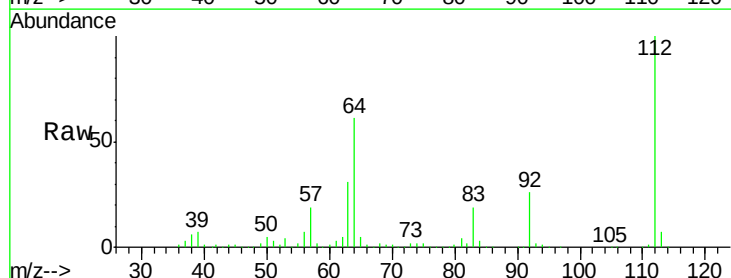
Sohil
3/21/2019 6:36:10 PM

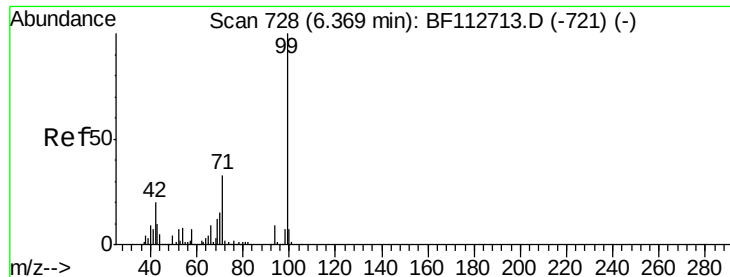


#5

2-Fluorophenol
Concen: 125.207 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.6	71.4
63	31.4	24.4	36.6





#7

Phenol-d6

Concen: 116.425 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113164.D

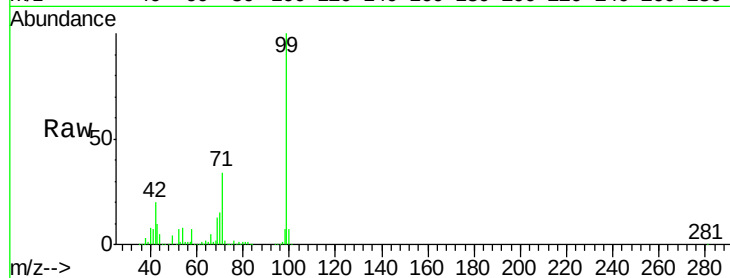
Acq: 20 Mar 2019 11:53

Instrument :

BNA_F

ClientSampleId :

WCXY2



Tgt Ion: 99 Resp: 1063207

Ion Ratio Lower Upper

99 100

42 20.2 16.3 24.5

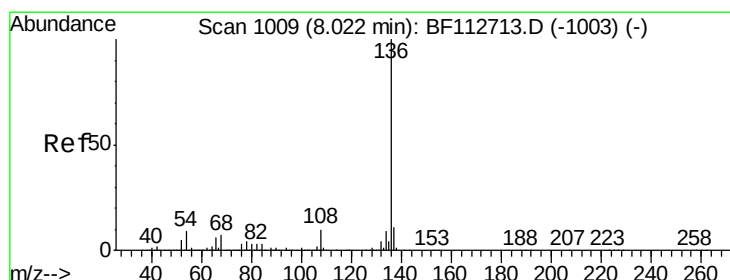
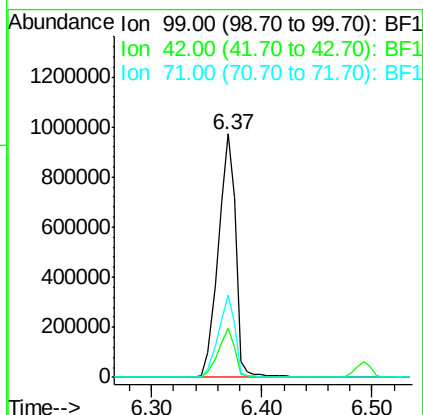
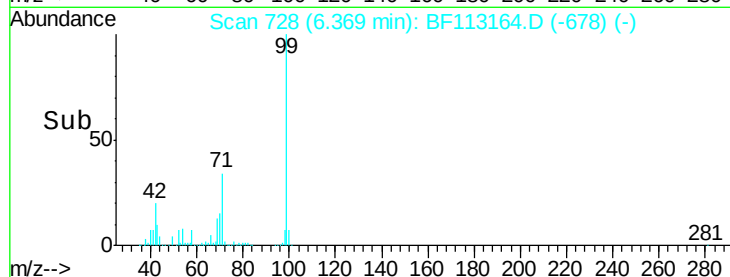
71 33.9 26.2 39.4

Manual Integrations

APPROVED

Sohil

3/21/2019 6:36:10 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113164.D

Acq: 20 Mar 2019 11:53

Tgt Ion: 136 Resp: 447612

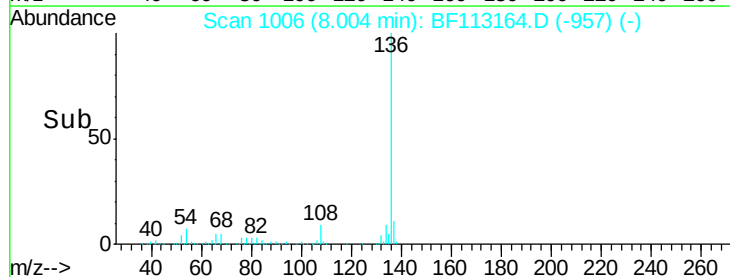
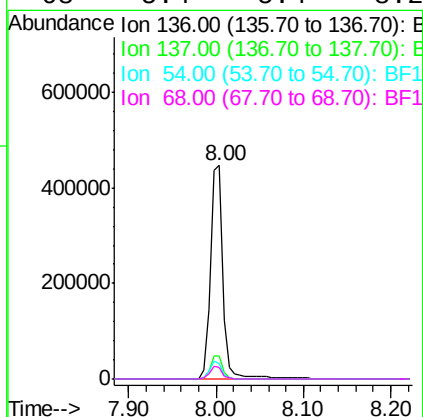
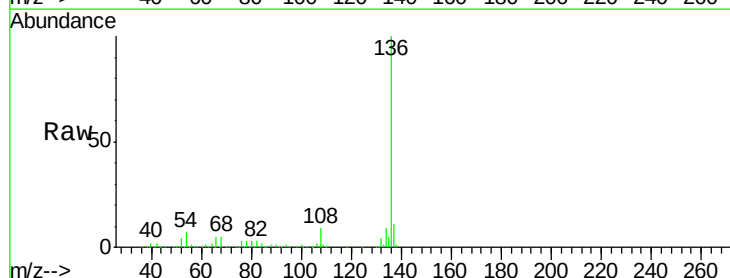
Ion Ratio Lower Upper

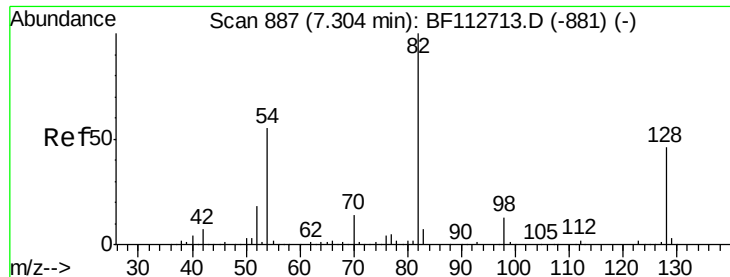
136 100

137 10.9 8.9 13.3

54 7.4 7.3 10.9

68 5.4 5.4 8.2#





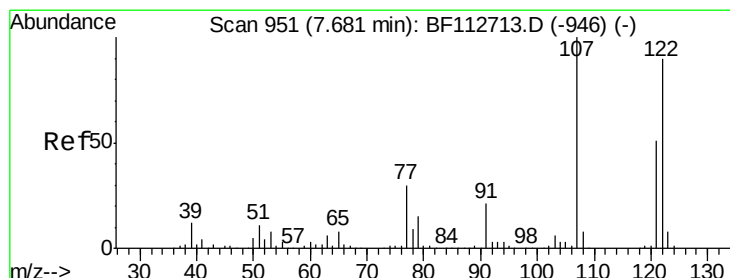
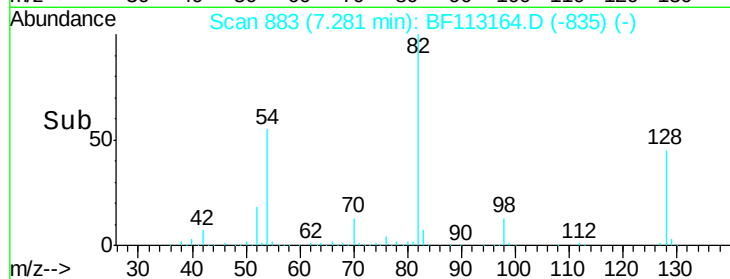
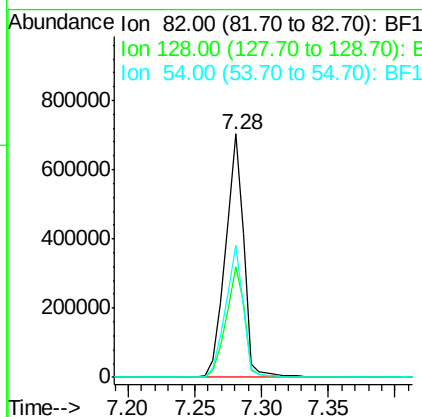
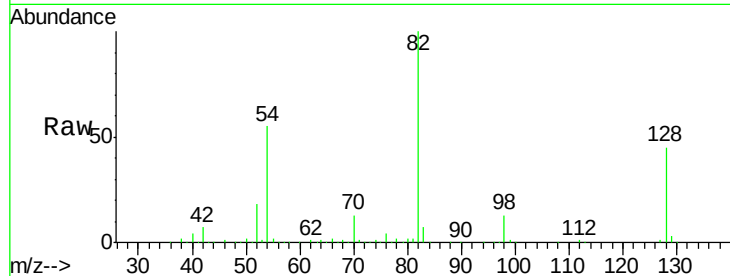
#23
 Nitrobenzene-d5
 Concen: 91.629 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113164.D
 Acq: 20 Mar 2019 11:53

Instrument :
 BNA_F
 ClientSampleId :
 WCXY2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	685423		
128	45.5	36.3	54.5	
54	54.5	43.7	65.5	

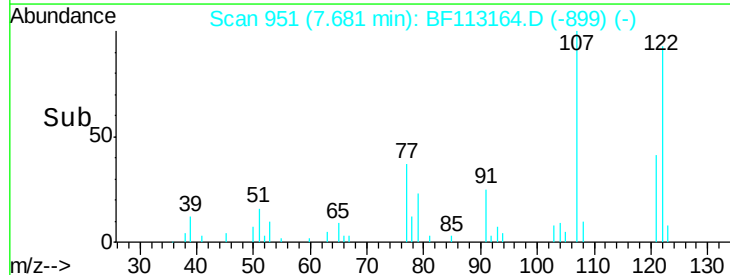
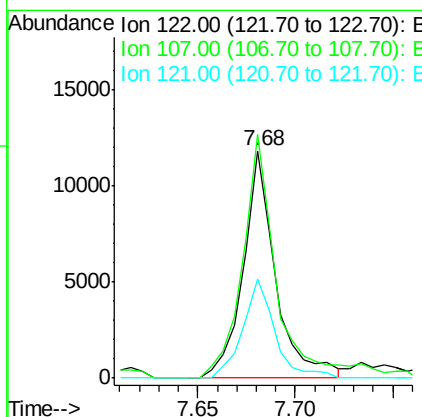
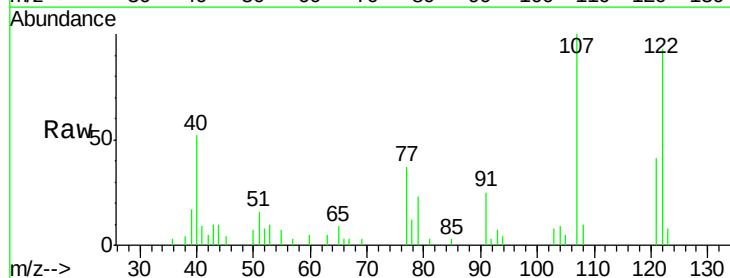
Manual Integrations
 APPROVED

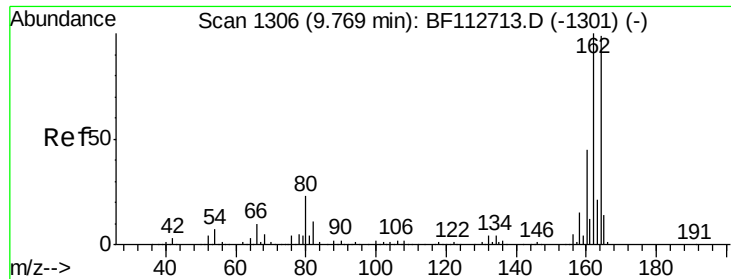
Sohil
 3/21/2019 6:36:10 PM



#27
 2,4-Dimethylphenol
 Concen: 2.106 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF113164.D
 Acq: 20 Mar 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13577		
107	107.2	89.4	134.0	
121	43.7	45.5	68.3#	





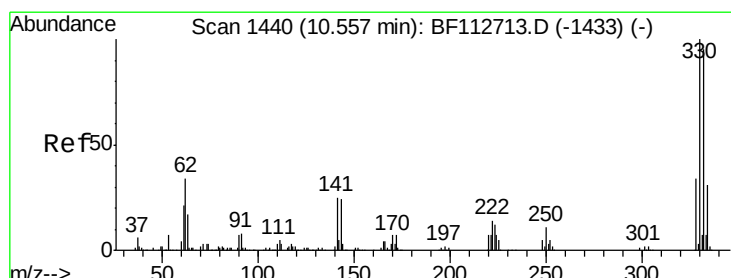
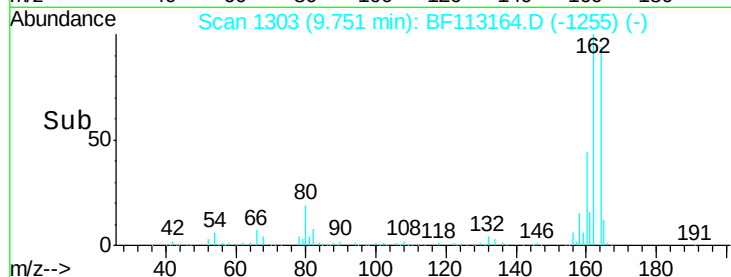
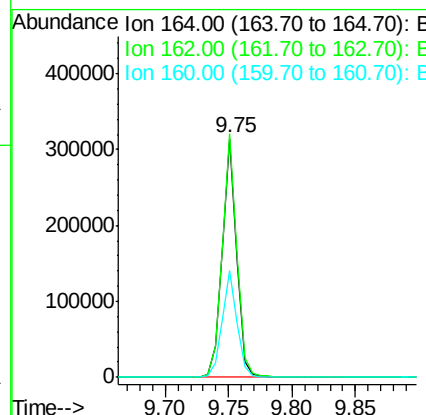
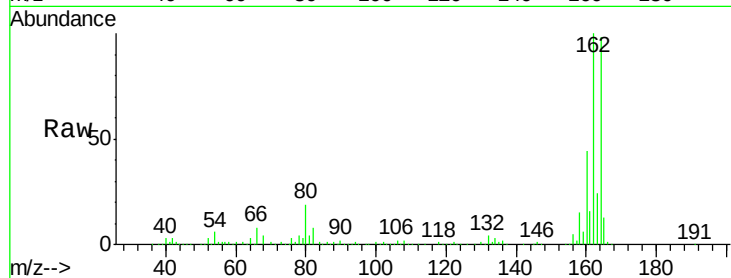
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :
WCXY2

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	257391		
162	101.8	80.6	120.8	
160	44.7	36.0	54.0	

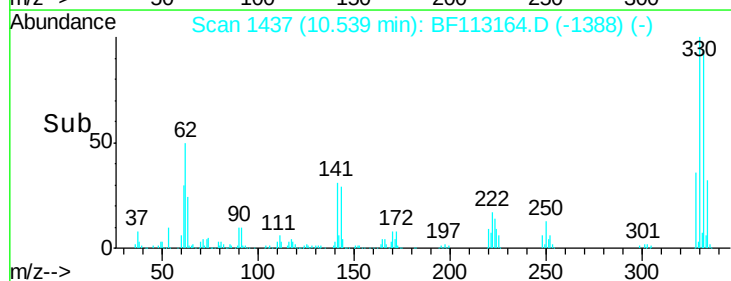
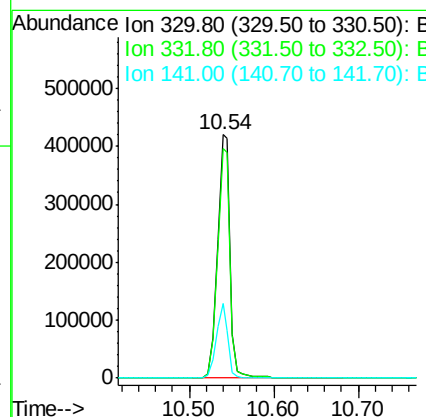
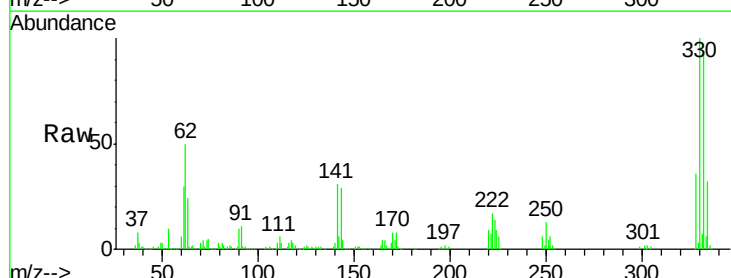
Manual Integrations
APPROVED

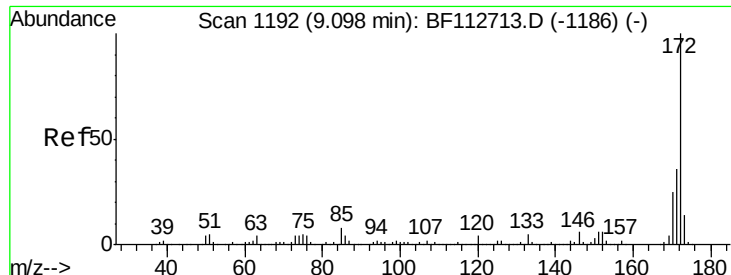
Sohil
3/21/2019 6:36:10 PM



#42
2,4,6-Tribromophenol
Concen: 164.592 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	449751		
332	94.7	76.2	114.4	
141	28.4	27.0	40.6	





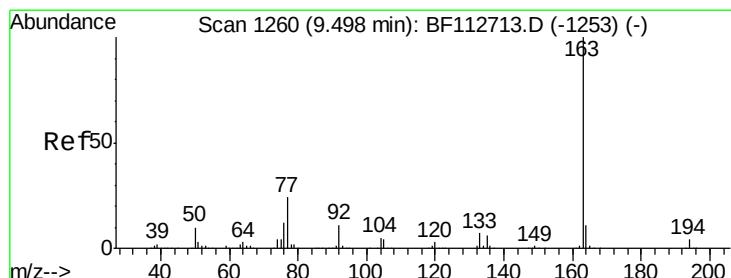
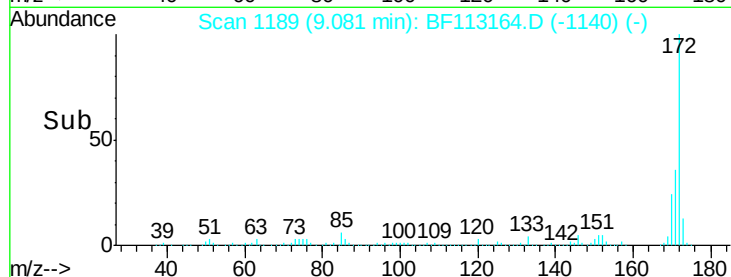
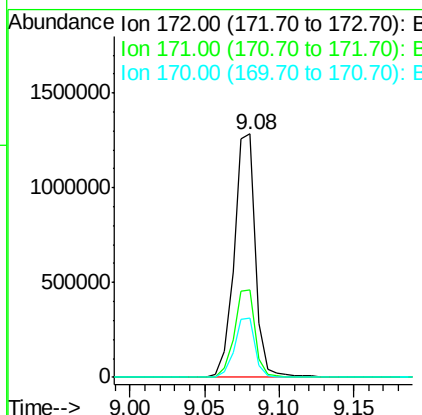
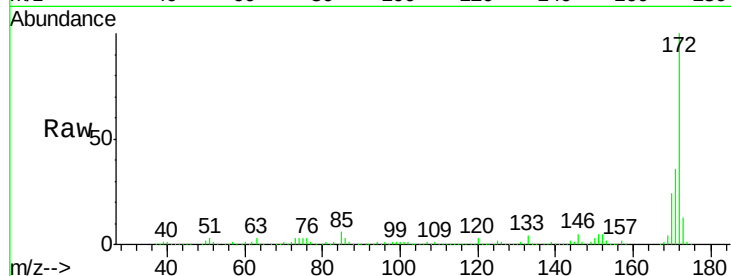
#45
2-Fluorobiphenyl
Concen: 82.234 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :
WCXY2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.3	20.0	30.0

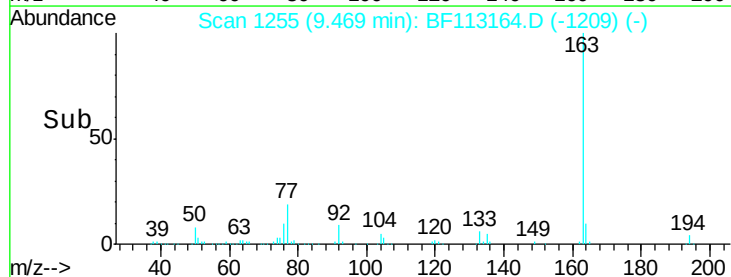
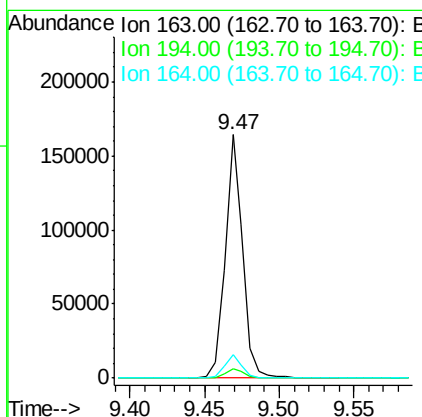
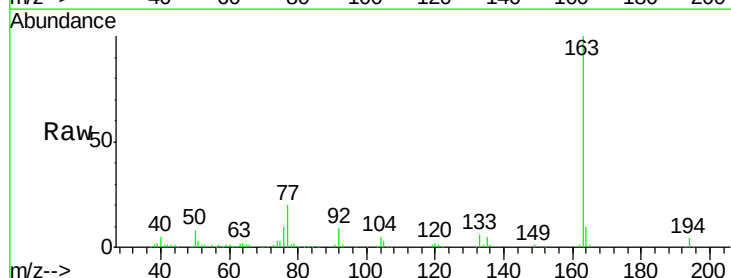
Manual Integrations
APPROVED

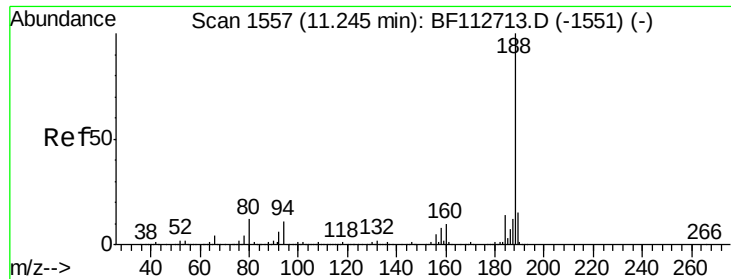
Sohil
3/21/2019 6:36:10 PM



#50
Dimethylphthalate
Concen: 7.133 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.7	8.4	12.6





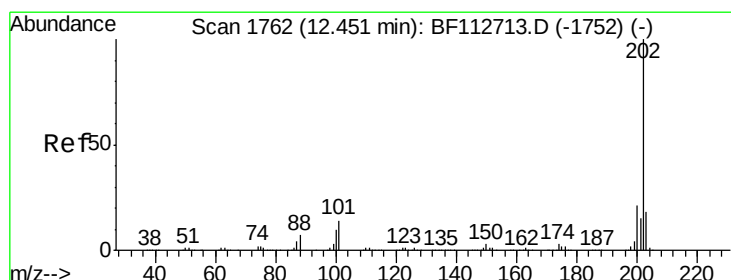
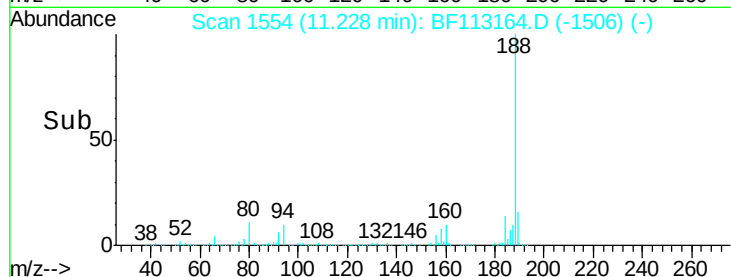
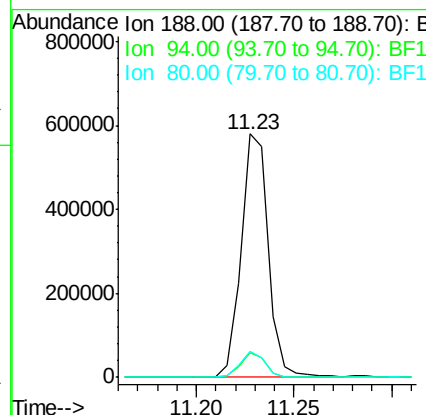
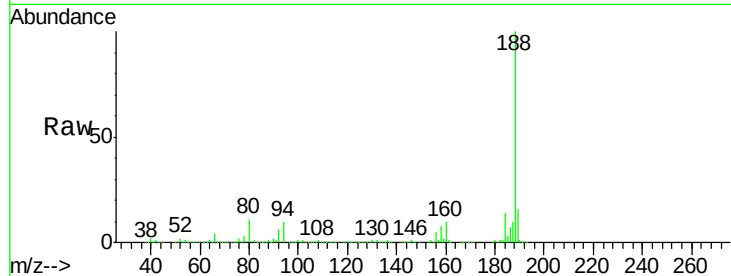
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :
WCXY2

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	9.0	13.4
80	10.6	9.2	13.8

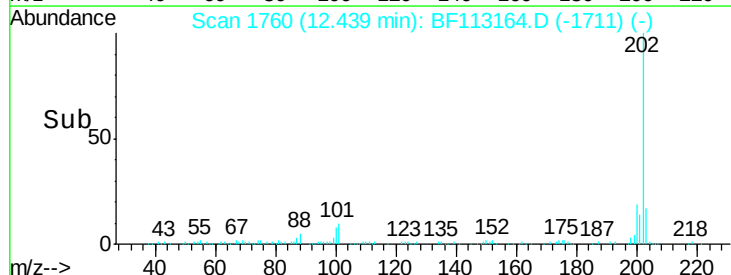
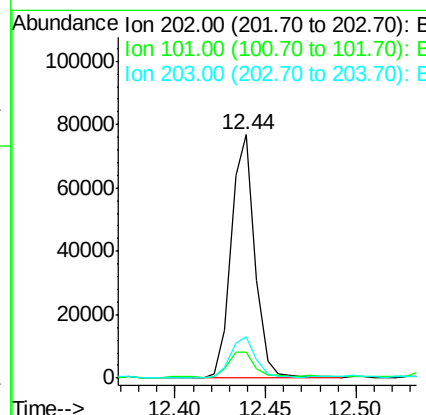
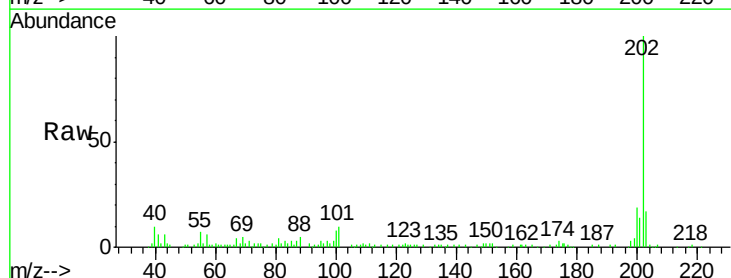
Manual Integrations
APPROVED

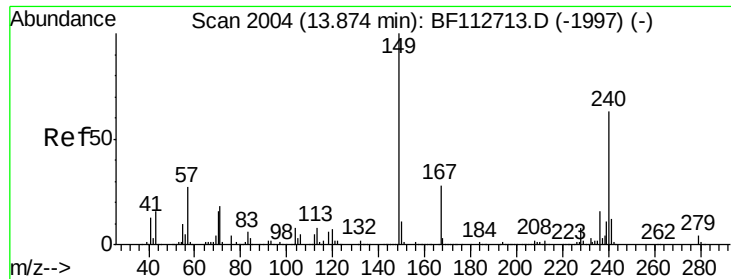
Sohil
3/21/2019 6:36:10 PM



#75
Fluoranthene
Concen: 2.343 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	33.8
203	17.1	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113164.D

Acq: 20 Mar 2019 11:53

Instrument :

BNA_F

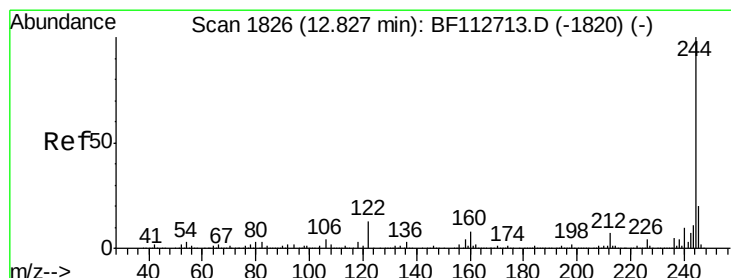
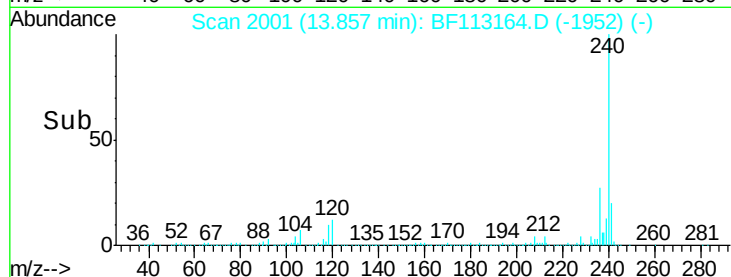
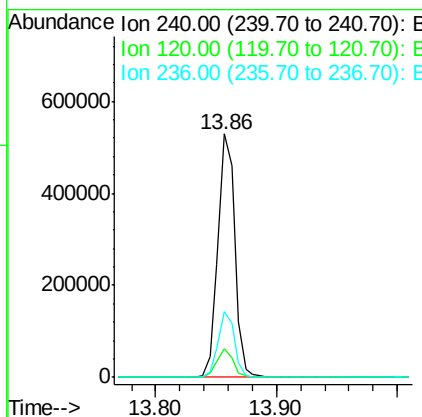
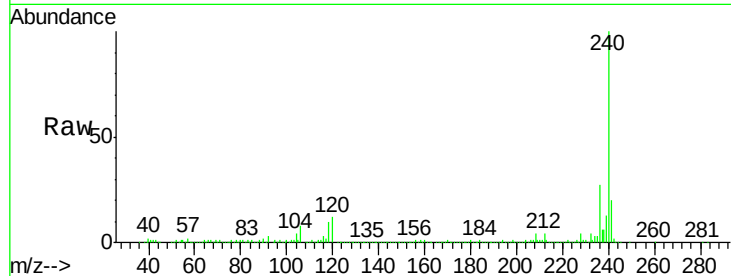
ClientSampled :

WCXY2

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	510093		
120	11.8	8.9	13.3	
236	26.8	20.7	31.1	

Manual Integrations
APPROVED

Sohil
3/21/2019 6:36:10 PM



#79

Terphenyl-d14

Concen: 66.075 ng

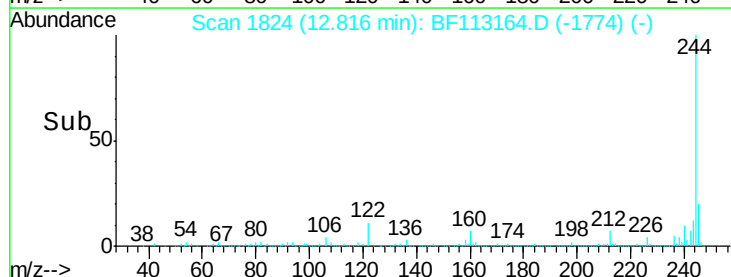
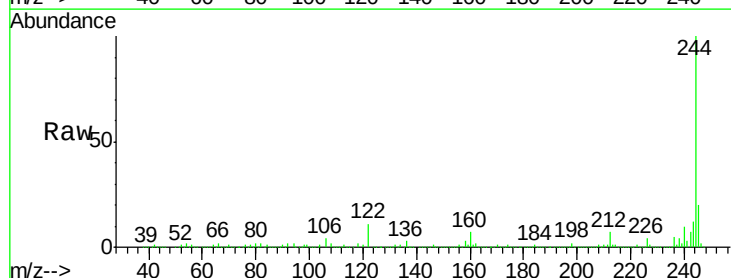
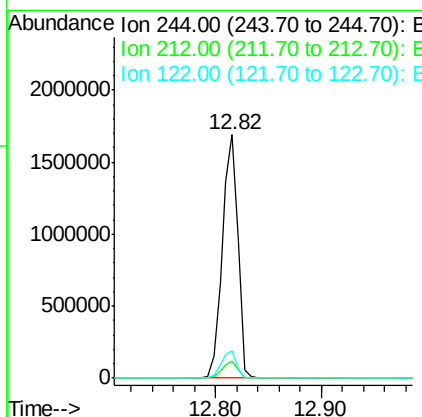
RT: 12.82 min Scan# 1824

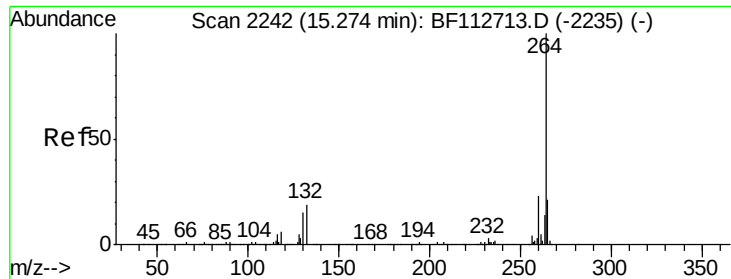
Delta R.T. -0.01 min

Lab File: BF113164.D

Acq: 20 Mar 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1738692		
212	6.8	5.6	8.4	
122	11.3	10.5	15.7	





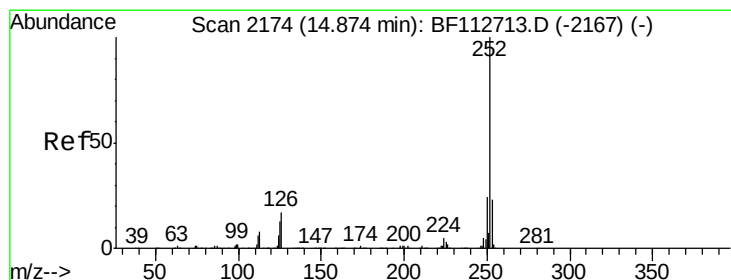
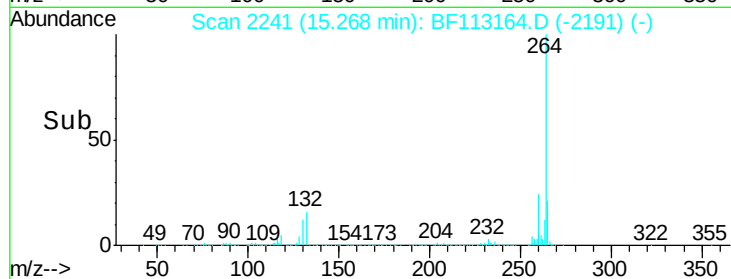
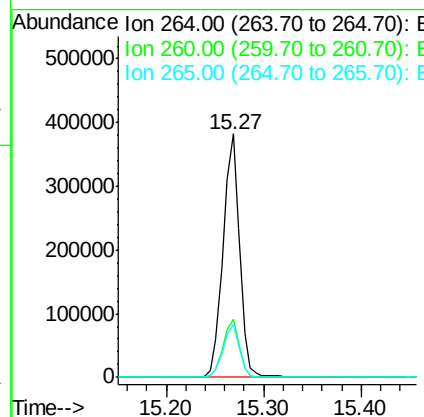
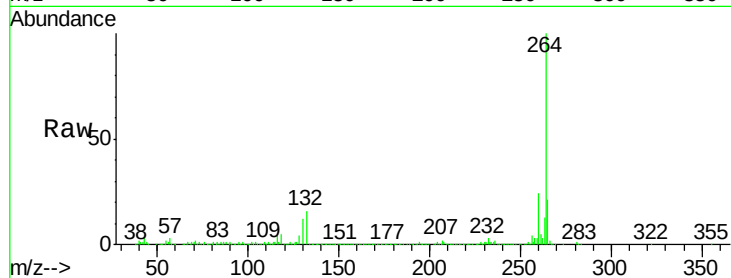
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Instrument :
BNA_F
ClientSampled :
WCXY2

Tgt Ion:264 Resp: 449870
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.5 17.2 25.8

Manual Integrations
APPROVED

Sohil
3/21/2019 6:36:10 PM



#88
Benzo(b)fluoranthene
Concen: 2.051 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113164.D
Acq: 20 Mar 2019 11:53

Tgt Ion:252 Resp: 59679
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 13.7 10.2 15.2

