

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112443.D
 Acq On : 7 Feb 2019 17:33
 Operator : JU/SJ
 Sample : K1401-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3451

Manual Integrations
 APPROVED

Sohil
 2/11/2019 4:50:04 PM

Quant Time: Feb 09 03:40:13 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	6.83	152	140393	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	543274	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	251862	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	414535	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	301690	20.00	ng	-0.01
87) Perylene-d12	15.47	264	270182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	854439	129.27	ng	-0.01
7) Phenol-d6	6.49	99	1092912	119.00	ng	0.00
23) Nitrobenzene-d5	7.40	82	674068	71.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	282088	96.22	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1114139	62.56	ng	-0.02
79) Terphenyl-d14	12.94	244	865564	54.04	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	107271	5.482	ng	99
71) Phenanthrene	11.38	178	106202	4.928	ng	99
75) Fluoranthene	12.57	202	91424	3.955	ng	97
78) Pyrene	12.80	202	67378	3.226	ng	98
83) Chrysene	14.03	228	39101	2.310	ng	96
88) Benzo(b)fluoranthene	15.04	252	41515m	2.569	ng	

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

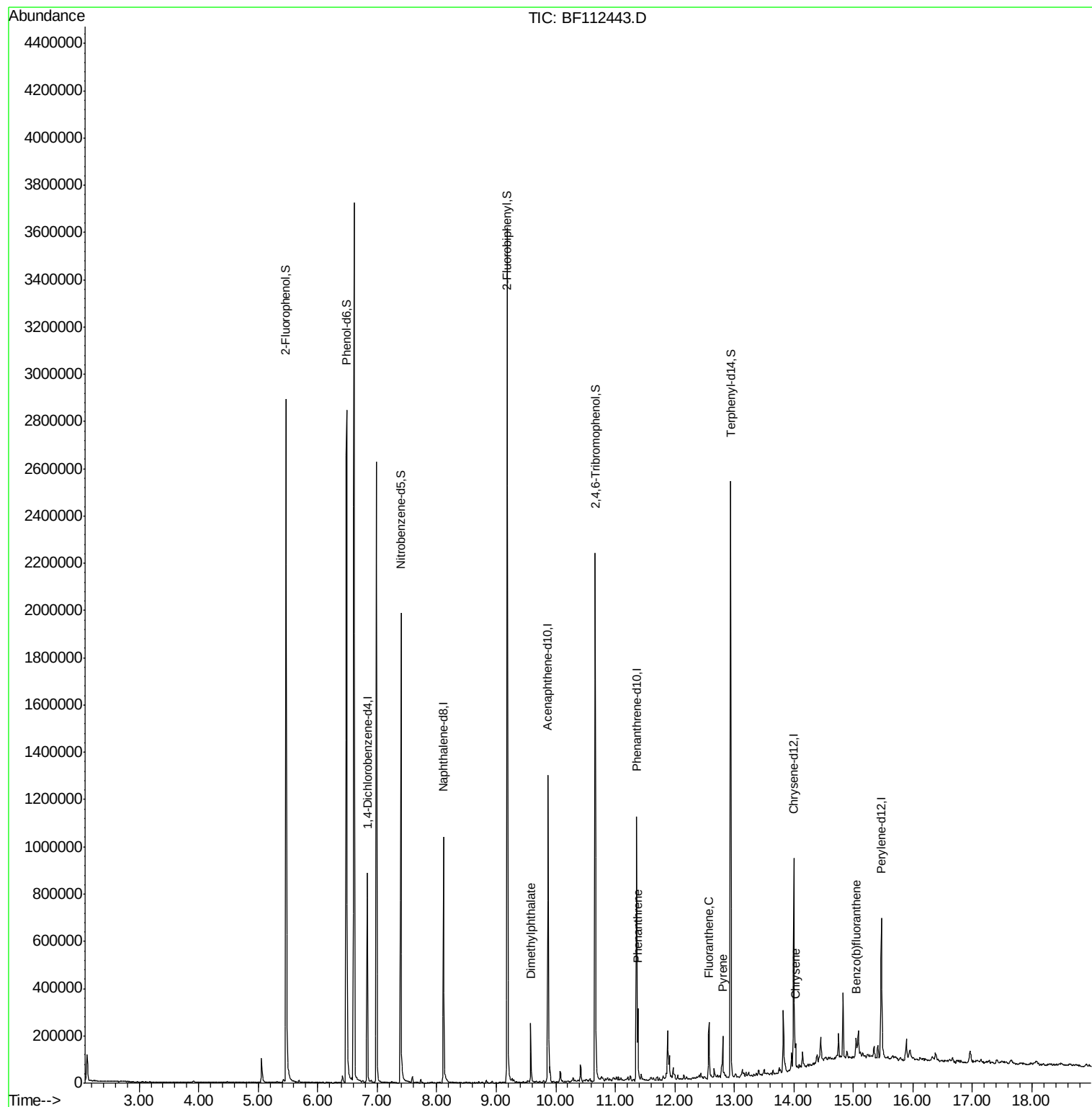
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112443.D
Acq On : 7 Feb 2019 17:33
Operator : JU/SJ
Sample : K1401-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

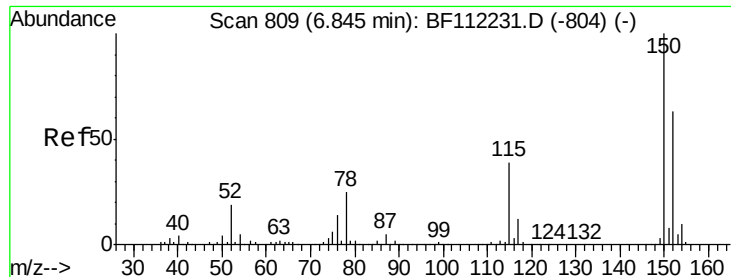
Instrument :
BNA_F
ClientSampleId :
RT-3451

Manual Integrations
APPROVED

Sohil
2/11/2019 4:50:04 PM

Quant Time: Feb 09 03:40:13 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

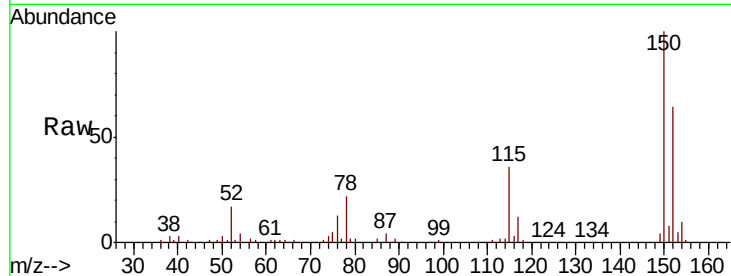
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112443.D
Acq: 7 Feb 2019 17:33

Instrument :
BNA_F
ClientSampleId :
RT-3451

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.4	191.0
115	56.7	45.5	68.3

Manual Integrations
APPROVED

Sohil
2/11/2019 4:50:04 PM

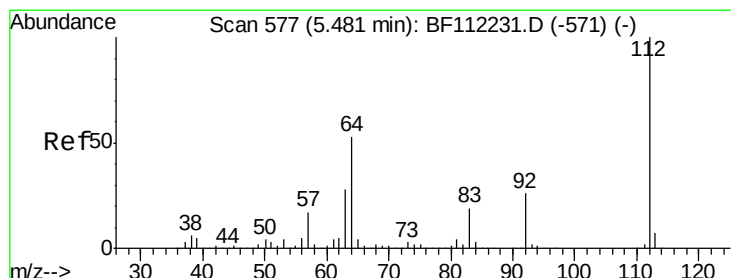
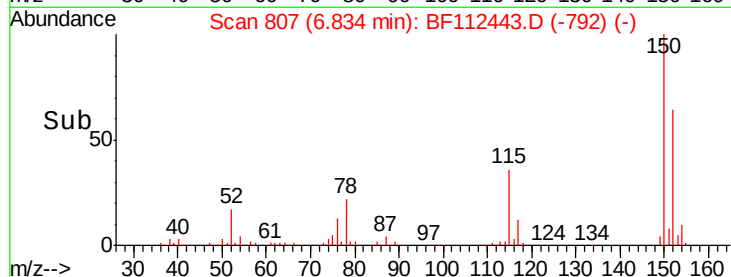
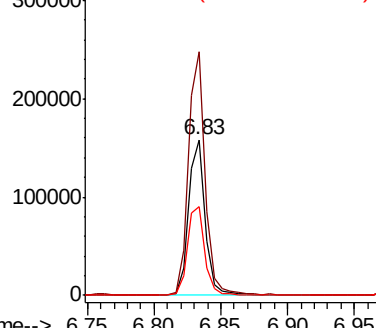


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

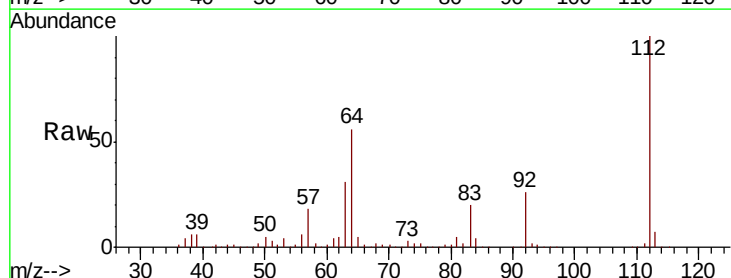
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.272 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112443.D
Acq: 7 Feb 2019 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.7	68.5
63	30.6	23.6	35.4

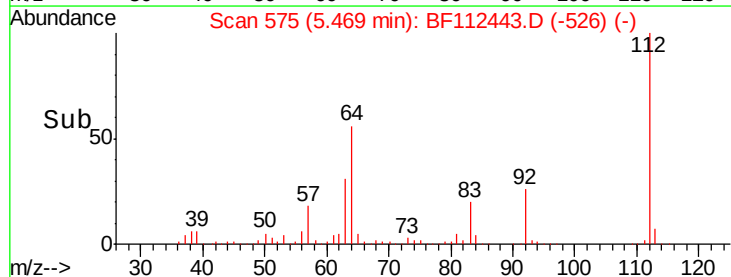
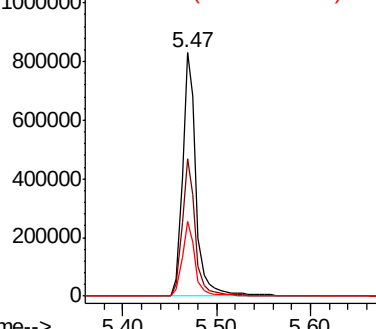


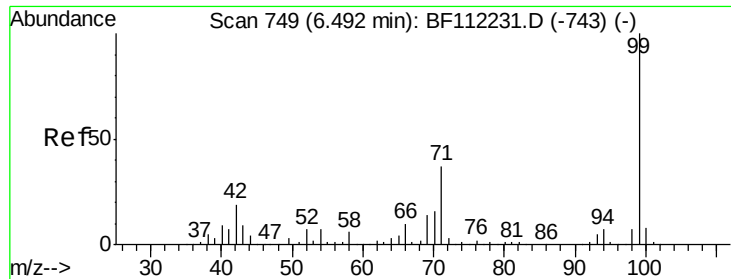
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.996 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112443.D

Acq: 7 Feb 2019 17:33

Instrument :

BNA_F

ClientSampled :

RT-3451

Tot Ion: 99 Resp: 1092912

Ion Ratio Lower Upper

99 100

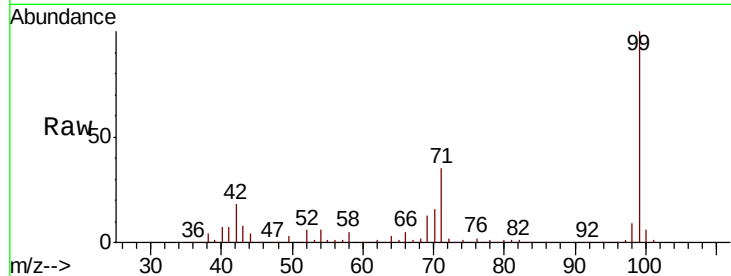
42 18.0 15.1 22.7

71 35.1 26.9 40.3

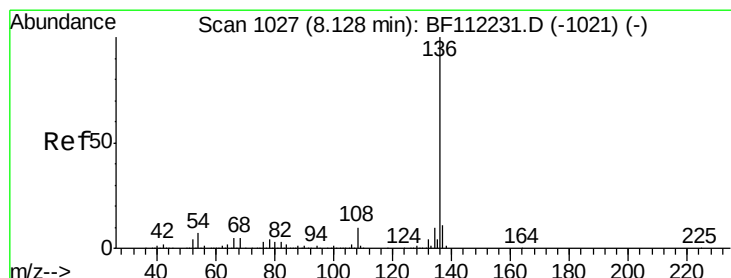
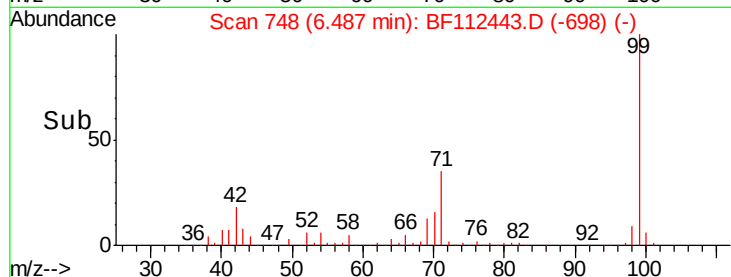
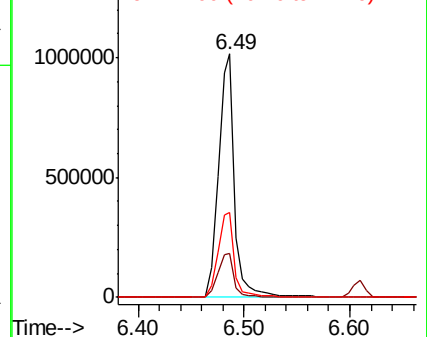
Manual Integrations
APPROVED

Sohil

2/11/2019 4:50:04 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112443.D

Acq: 7 Feb 2019 17:33

Tgt Ion: 136 Resp: 543274

Ion Ratio Lower Upper

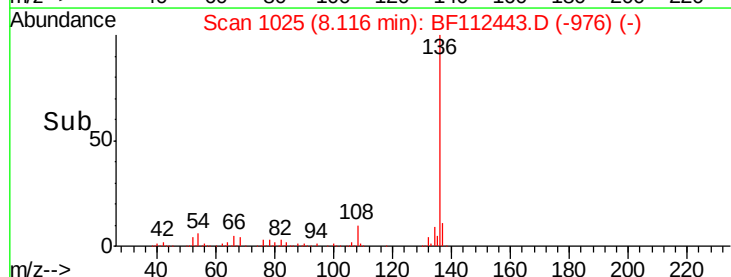
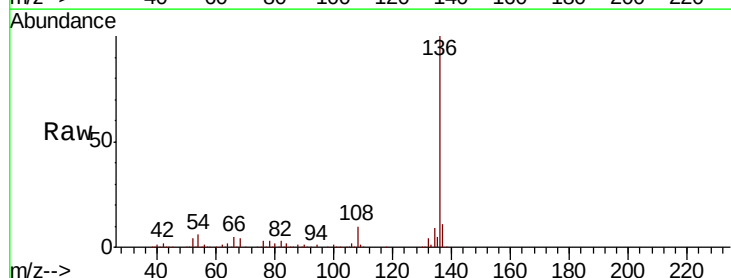
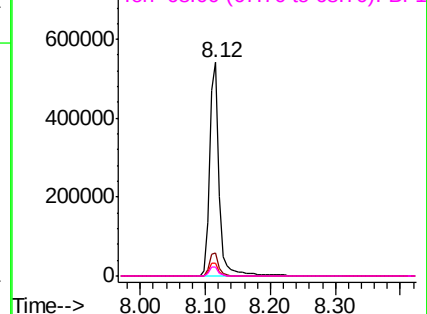
136 100

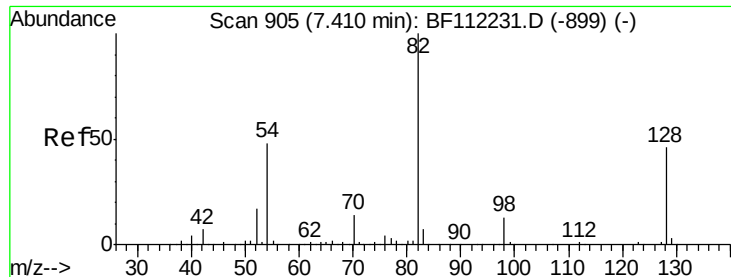
137 10.7 9.1 13.7

54 6.2 5.9 8.9

68 4.2 5.1 7.7#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





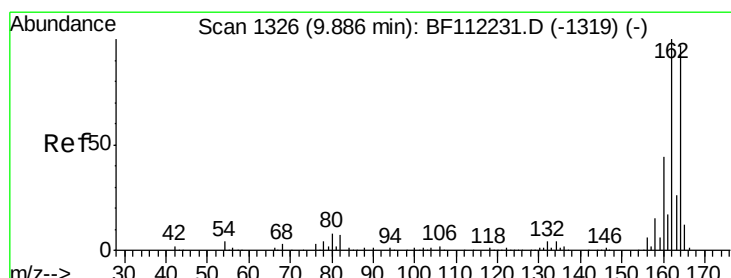
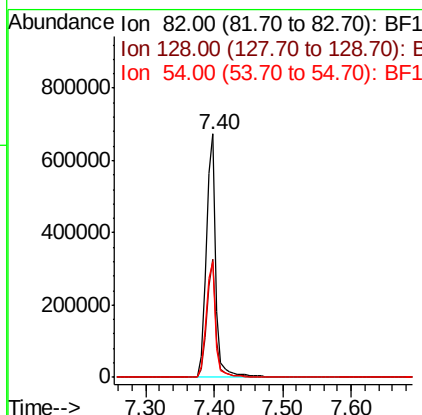
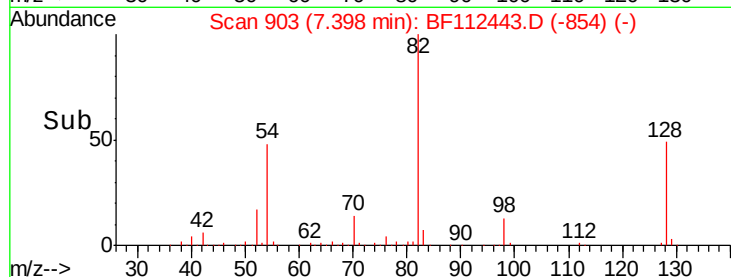
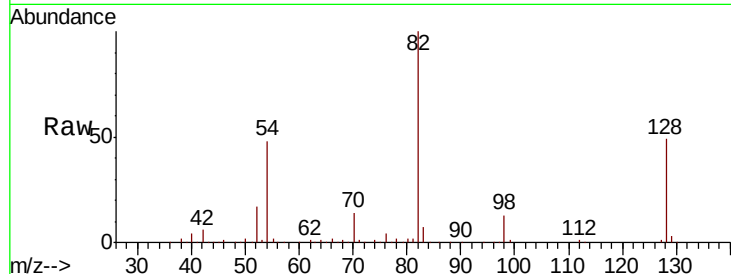
#23
 Nitrobenzene-d5
 Concen: 71.492 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112443.D
 Acq: 7 Feb 2019 17:33

Instrument :
 BNA_F
 ClientSampled :
 RT-3451

Tot Ion	82	Resp	674068
Ion Ratio	100	Lower	Upper
128	48.6	37.8	56.8
54	47.6	39.7	59.5

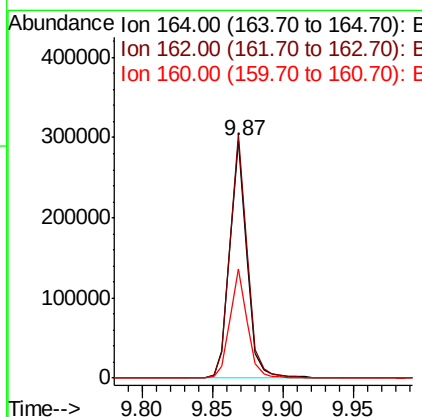
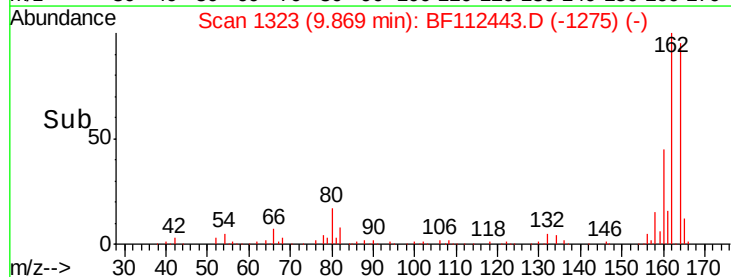
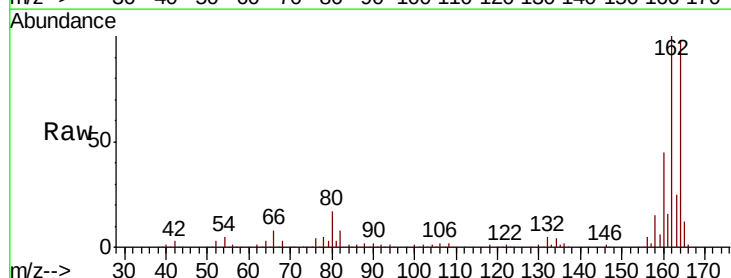
Manual Integrations
 APPROVED

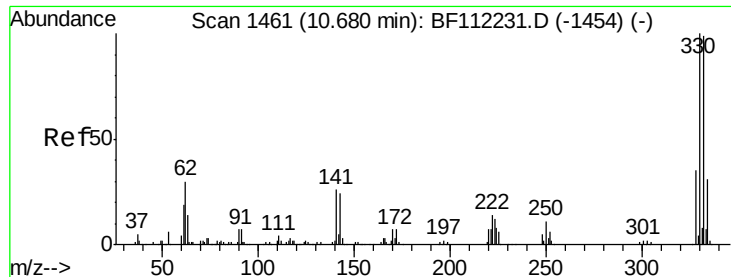
Sohil
 2/11/2019 4:50:04 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112443.D
 Acq: 7 Feb 2019 17:33

Tgt Ion	164	Resp	251862
Ion Ratio	100	Lower	Upper
162	102.4	82.2	123.4
160	45.8	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 96.223 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112443.D

Acq: 7 Feb 2019 17:33

Instrument :

BNA_F

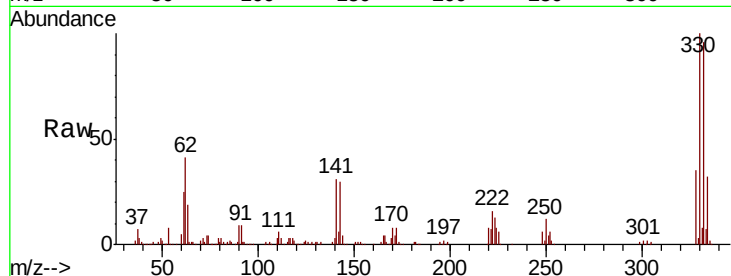
ClientSampled :

RT-3451

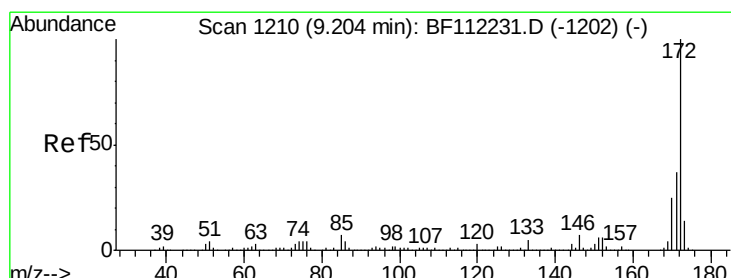
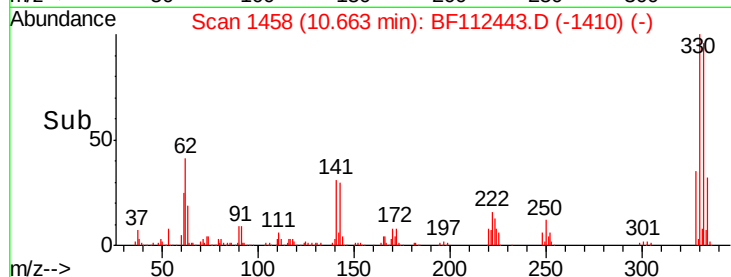
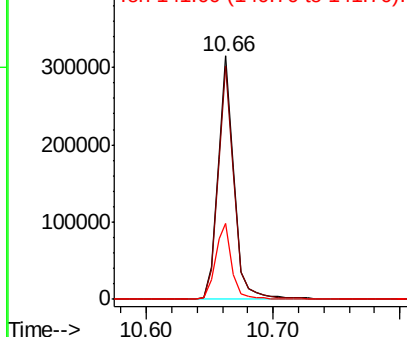
Tot Ion:	330	Resp:	282088
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	114.8
141	32.5	24.3	36.5

Manual Integrations
APPROVED

Sohil
2/11/2019 4:50:04 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: 62.565 ng

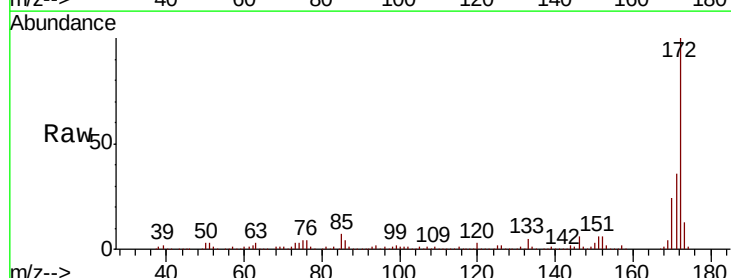
RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

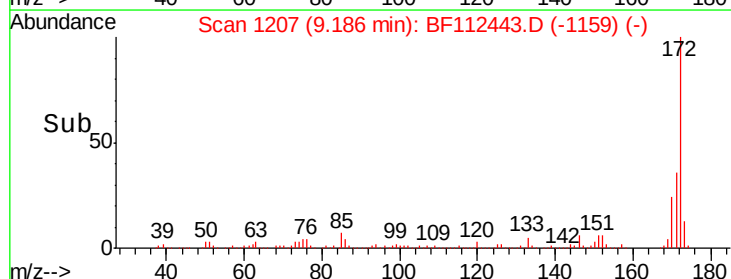
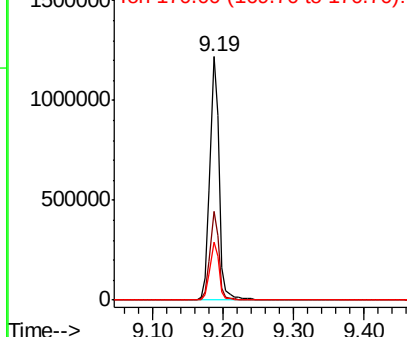
Lab File: BF112443.D

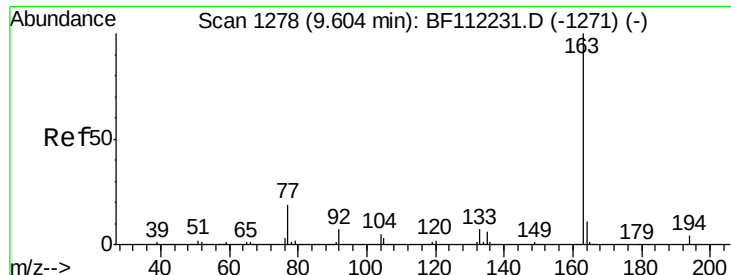
Acq: 7 Feb 2019 17:33

Tgt Ion:	172	Resp:	1114139
Ion Ratio	Lower	Upper	
172	100		
171	36.4	30.5	45.7
170	23.7	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





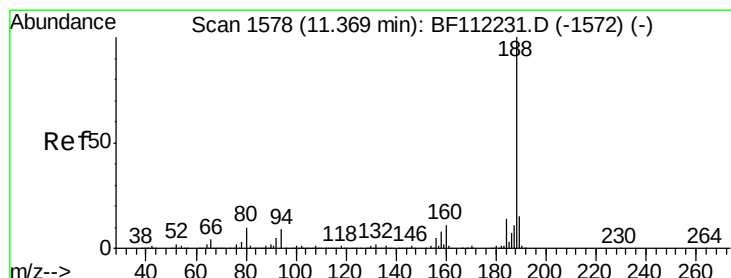
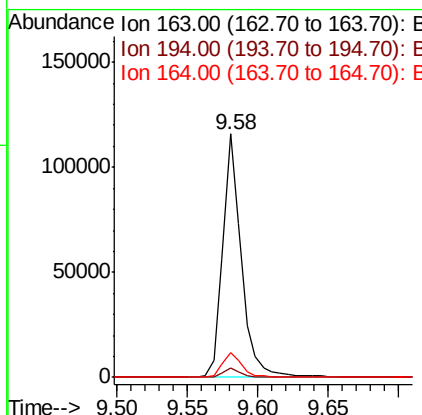
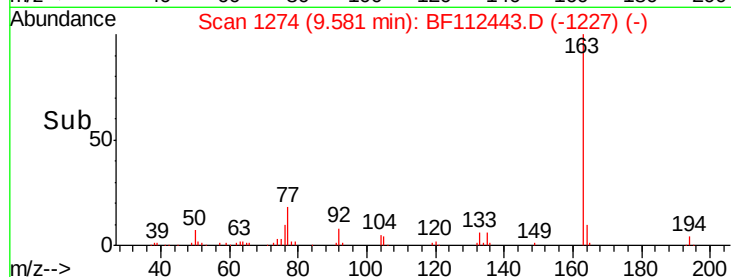
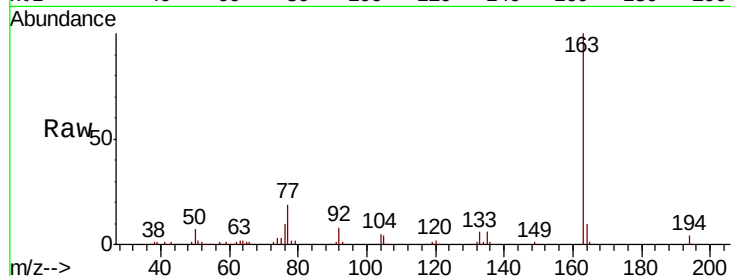
#50
Dimethylphthalate
Concen: 5.482 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112443.D
Acq: 7 Feb 2019 17:33

Instrument :
BNA_F
ClientSampleId :
RT-3451

Tot Ion	Ratio	Resp	Lower	Upper
163	100	107271		
194	4.0	3.3	4.9	
164	10.3	8.5	12.7	

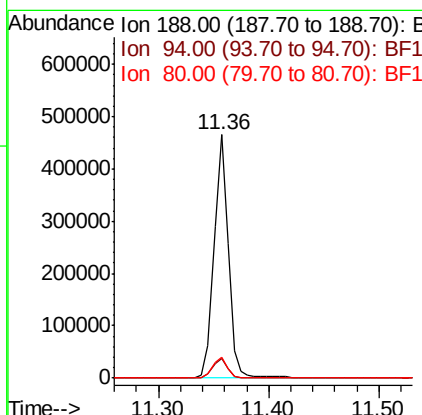
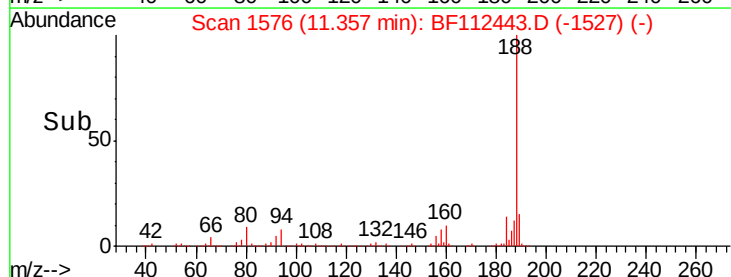
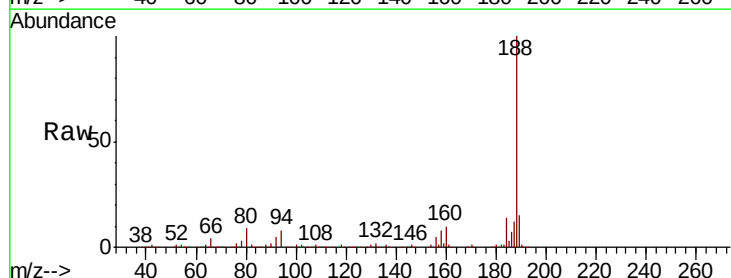
Manual Integrations
APPROVED

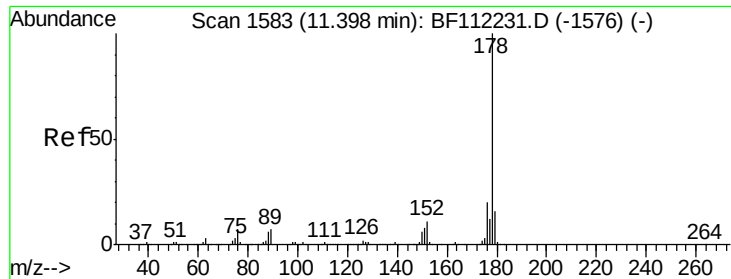
Sohil
2/11/2019 4:50:04 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112443.D
Acq: 7 Feb 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	414535		
94	8.1	8.2	12.2#	
80	8.7	8.9	13.3#	





#71

Phenanthrene

Concen: 4.928 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF112443.D

Acq: 7 Feb 2019 17:33

Instrument :

BNA_F

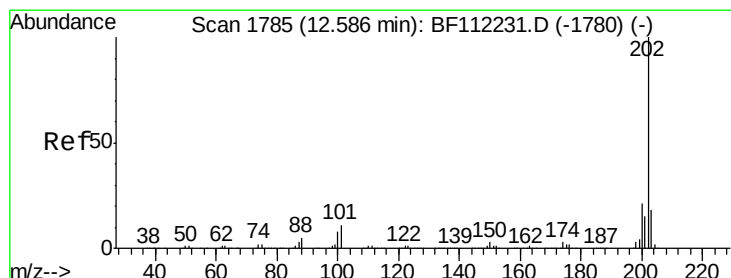
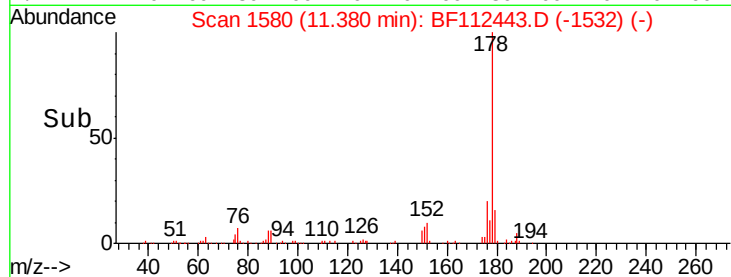
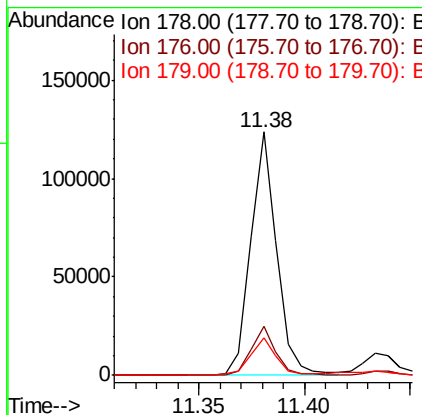
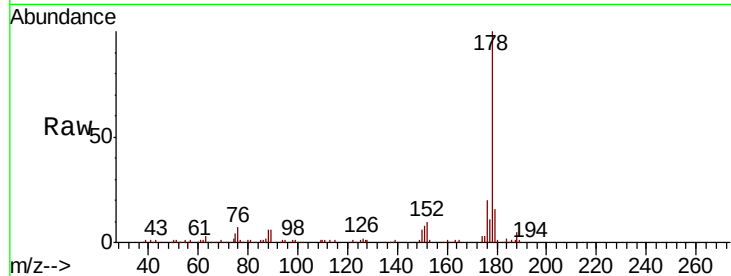
ClientSampleId :

RT-3451

Tot Ion:	178	Resp:	106202
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.3	24.5
179	15.6	13.0	19.4

Manual Integrations
APPROVED

Sohil
2/11/2019 4:50:04 PM



#75

Fluoranthene

Concen: 3.955 ng

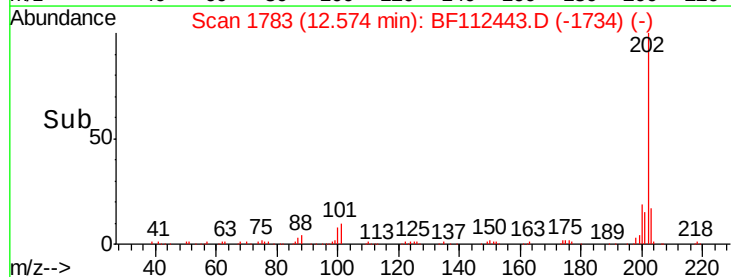
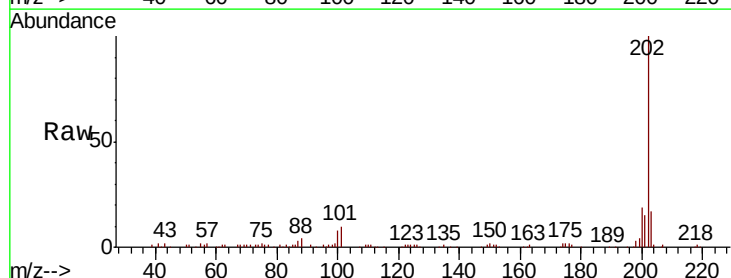
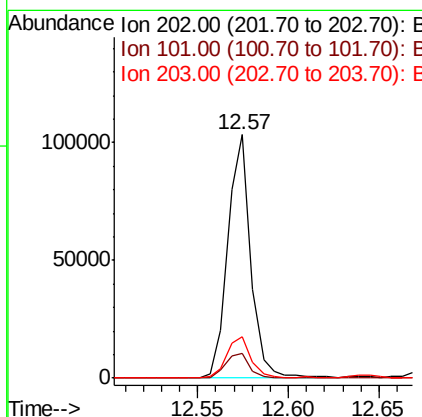
RT: 12.57 min Scan# 1783

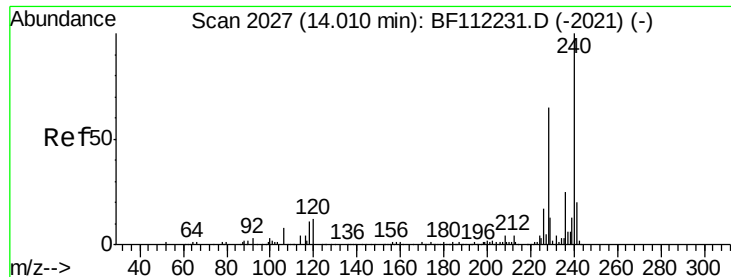
Delta R.T. -0.01 min

Lab File: BF112443.D

Acq: 7 Feb 2019 17:33

Tgt Ion:	202	Resp:	91424
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	31.8
203	17.0	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112443.D

Acq: 7 Feb 2019 17:33

Instrument :

BNA_F

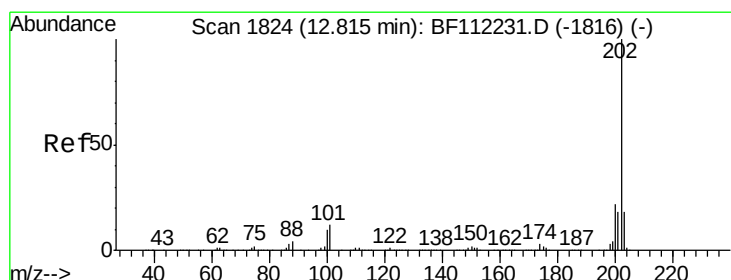
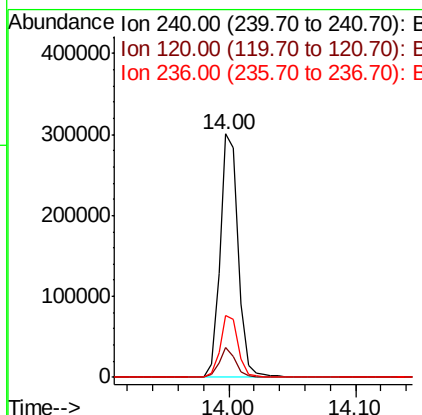
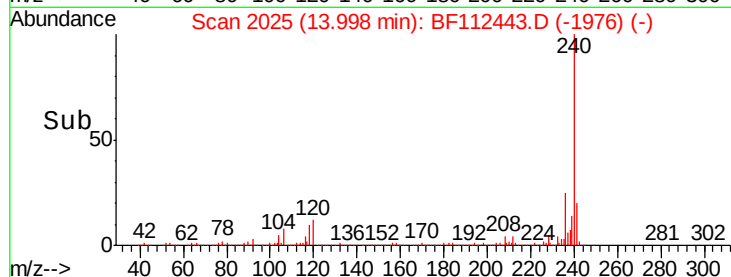
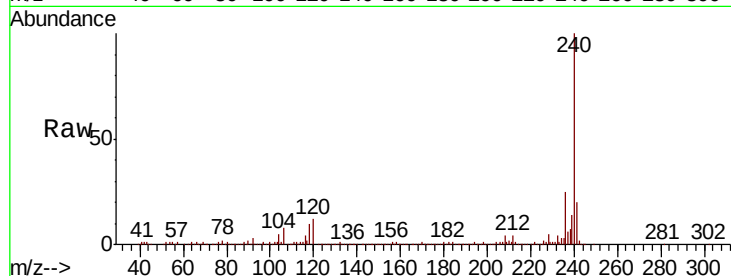
ClientSampleId :

RT-3451

Tot Ion:	240	Resp:	301690
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.0	13.6
236	25.4	20.7	31.1

Manual Integrations
APPROVED

Sohil
2/11/2019 4:50:04 PM



#78

Pyrene

Concen: 3.226 ng

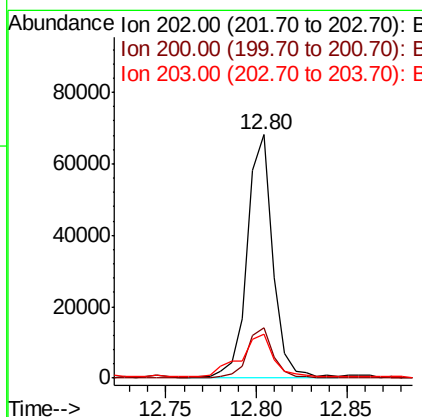
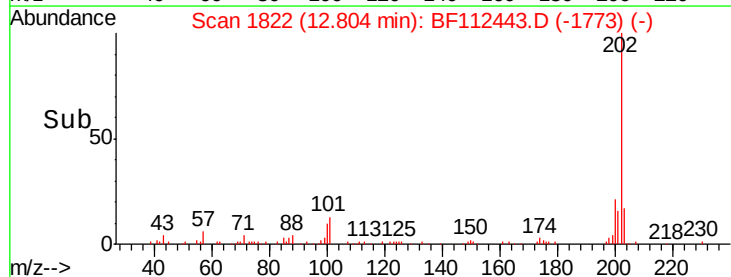
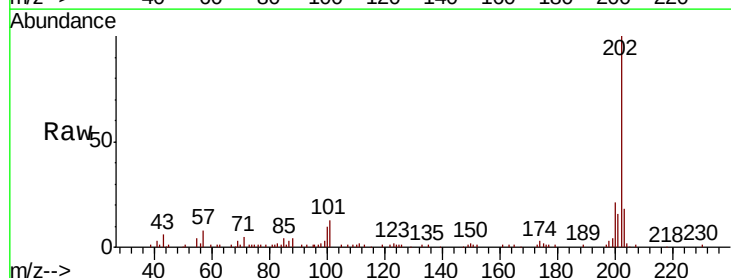
RT: 12.80 min Scan# 1822

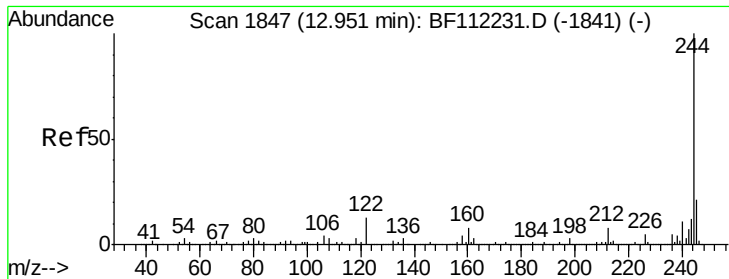
Delta R.T. -0.01 min

Lab File: BF112443.D

Acq: 7 Feb 2019 17:33

Tgt Ion:	202	Resp:	67378
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.7	26.5
203	17.9	14.6	22.0





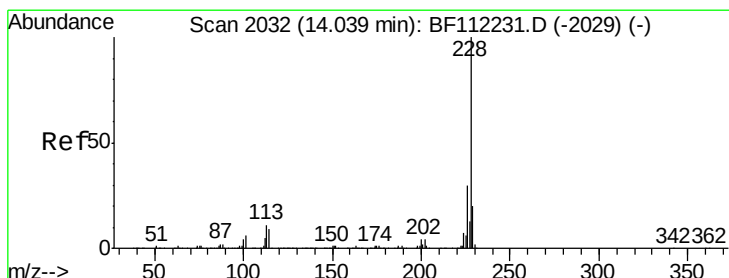
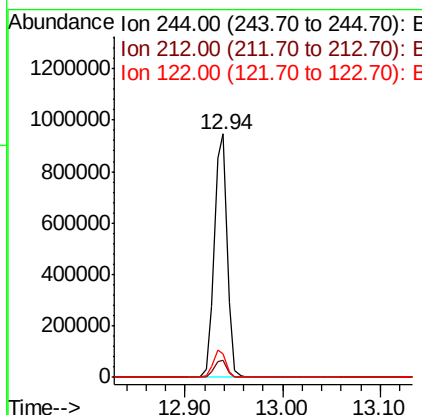
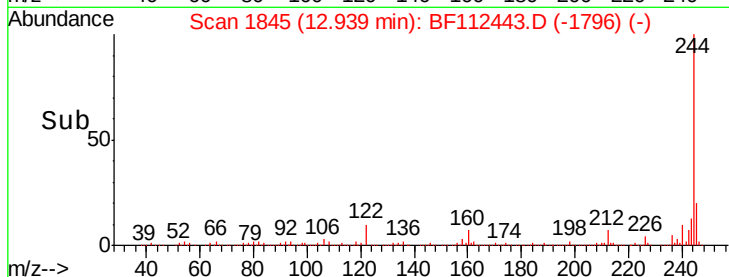
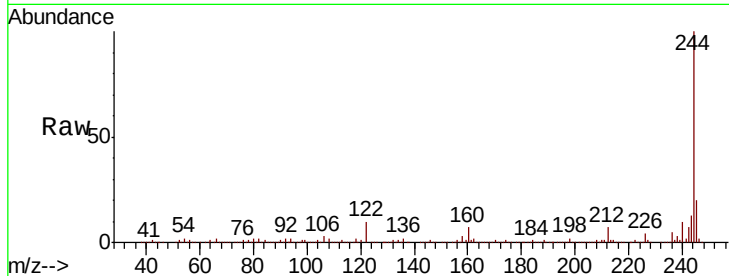
#79
 Terphenyl-d14
 Concen: 54.037 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112443.D
 Acq: 7 Feb 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 RT-3451

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.9	9.8	14.6

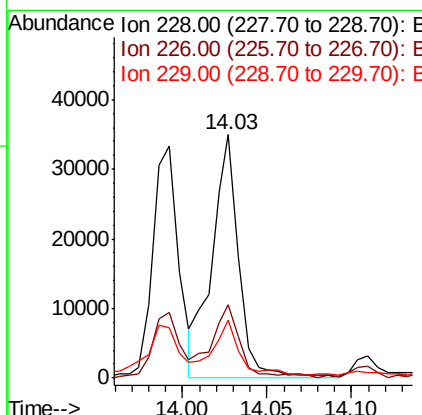
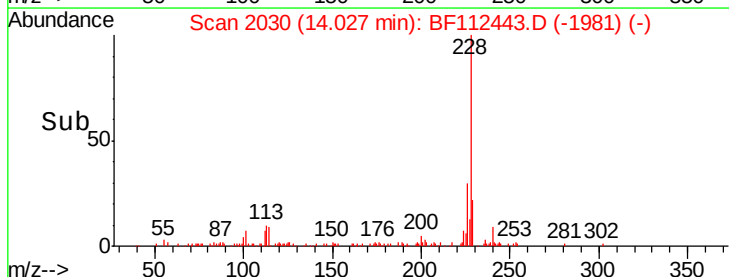
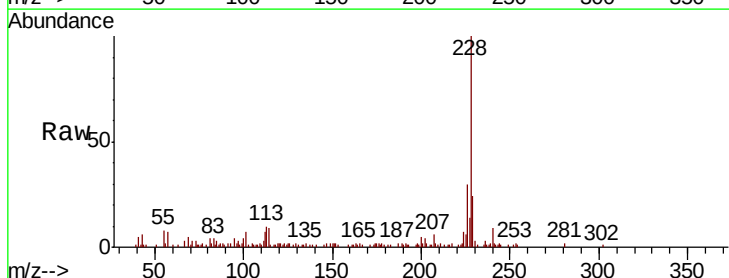
Manual Integrations
 APPROVED

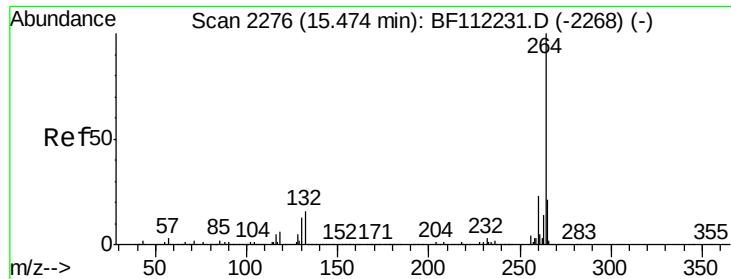
Sohil
 2/11/2019 4:50:04 PM



#83
 Chrysene
 Concen: 2.310 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112443.D
 Acq: 7 Feb 2019 17:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	23.9	16.6	24.8





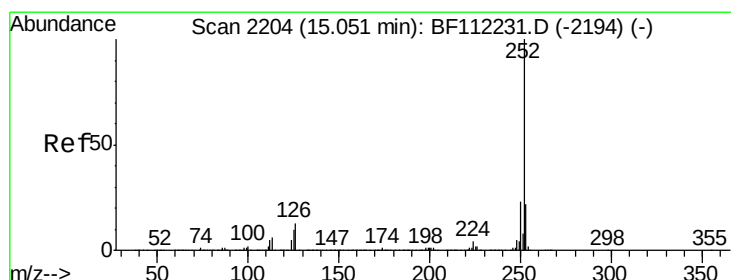
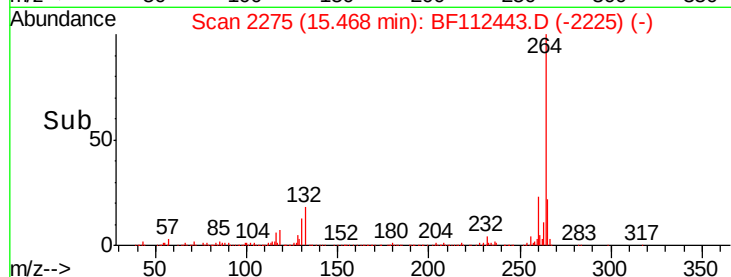
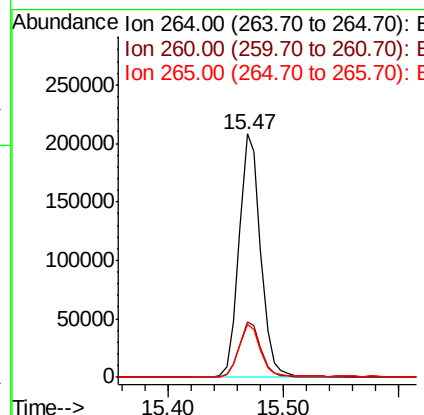
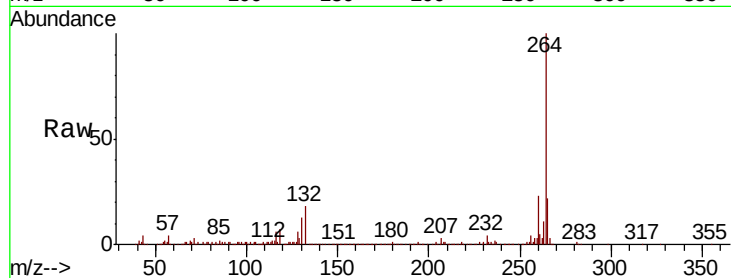
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112443.D
Acq: 7 Feb 2019 17:33

Instrument :
BNA_F
ClientSampled :
RT-3451

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.7	17.0	25.4

Manual Integrations
APPROVED

Sohil
2/11/2019 4:50:04 PM



#88
Benzo(b)fluoranthene
Concen: 2.569 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112443.D
Acq: 7 Feb 2019 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.0	27.0
125	13.8	8.7	13.1#

