

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112598.D
 Acq On : 18 Feb 2019 13:57
 Operator : JU/SJ
 Sample : K1358-03 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-021419

Manual Integrations
 APPROVED

Sohil
 2/19/2019 9:38:37 AM

Quant Time: Feb 18 14:39:14 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	120267	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	477388	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	217511	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	348638	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	257759	20.00	ng	0.00
87) Perylene-d12	15.48	264	212609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	331395	58.53	ng	-0.02
7) Phenol-d6	6.47	99	418113	53.14	ng	-0.02
23) Nitrobenzene-d5	7.39	82	268794	32.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	112211	44.32	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	475804	30.94	ng	-0.03
79) Terphenyl-d14	12.93	244	362074	26.46	ng	-0.02
Target Compounds						
71) Phenanthrene	11.37	178	40632	2.242	ng	97
75) Fluoranthene	12.57	202	45692	2.350	ng	98
78) Pyrene	12.81	202	51060	2.861	ng	98
88) Benzo(b)fluoranthene	15.05	252	29651m	2.332	ng	

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

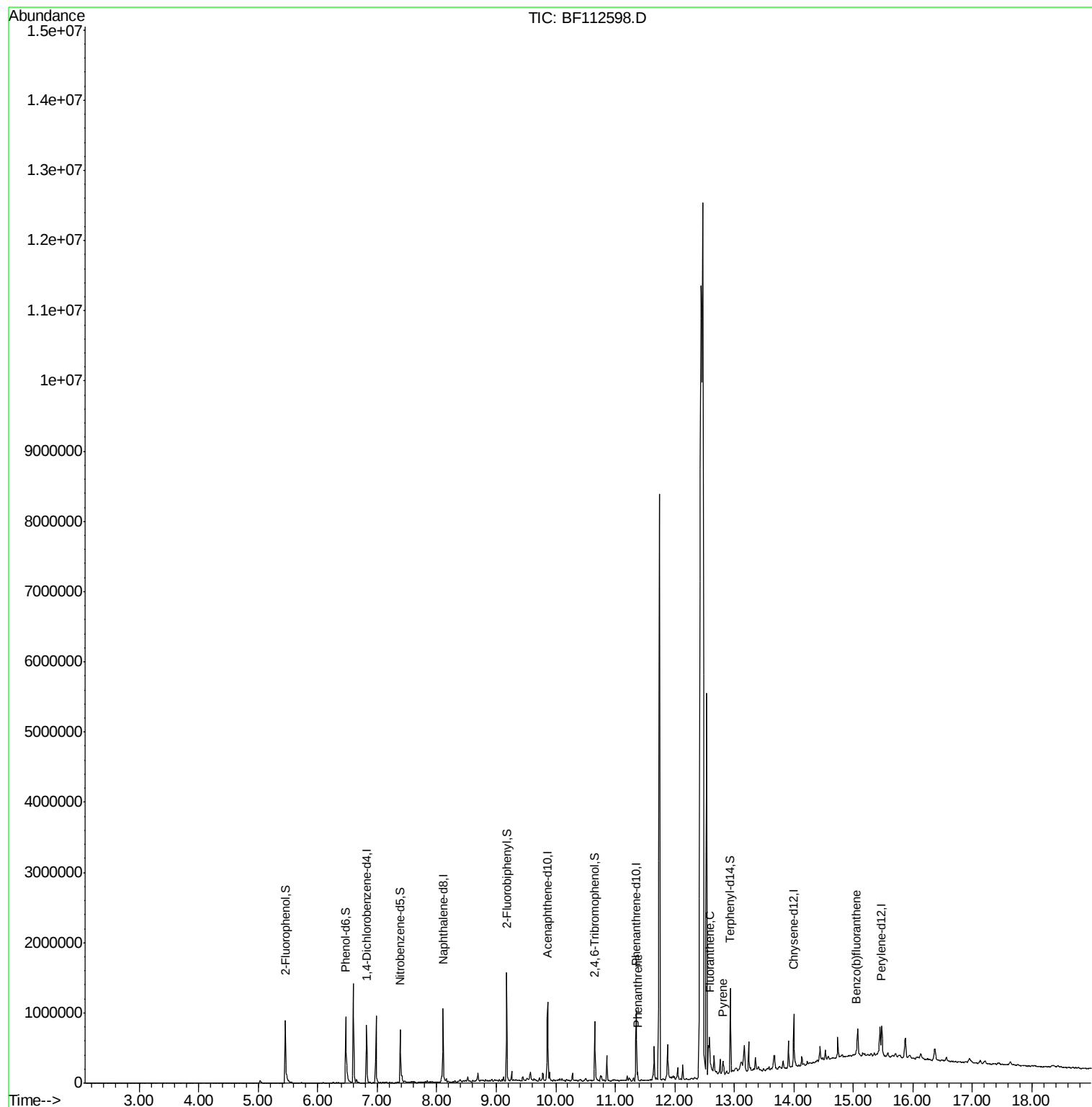
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112598.D
Acq On : 18 Feb 2019 13:57
Operator : JU/SJ
Sample : K1358-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Manual Integrations
APPROVED

Sohil
2/19/2019 9:38:37 AM

Quant Time: Feb 18 14:39:14 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

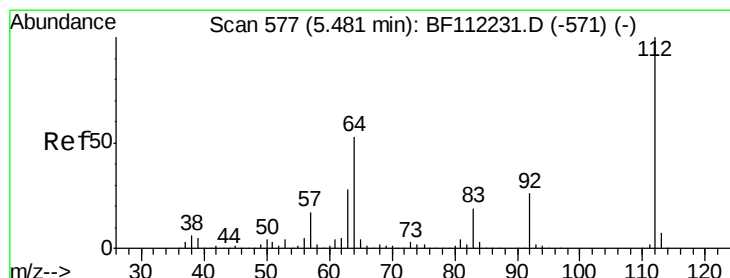
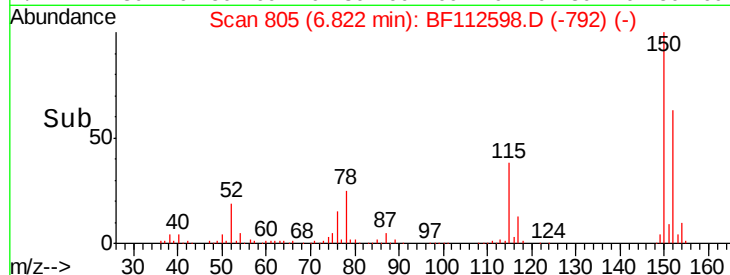
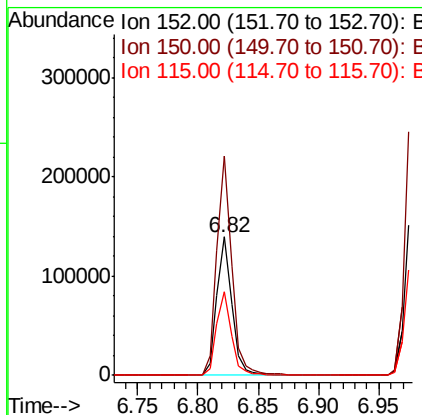
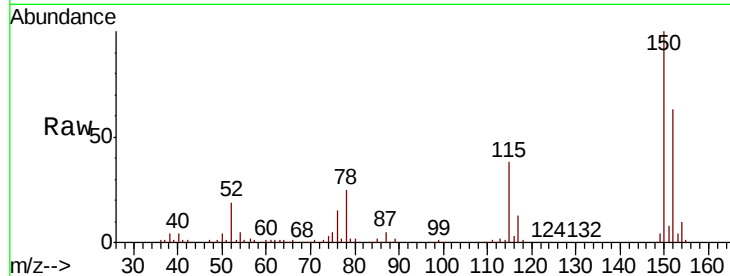
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.4	191.0
115	60.0	45.5	68.3

Manual Integrations
APPROVED

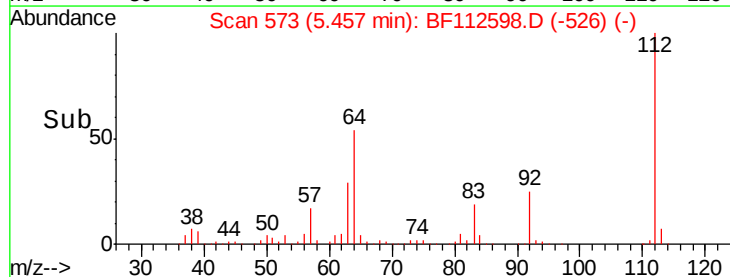
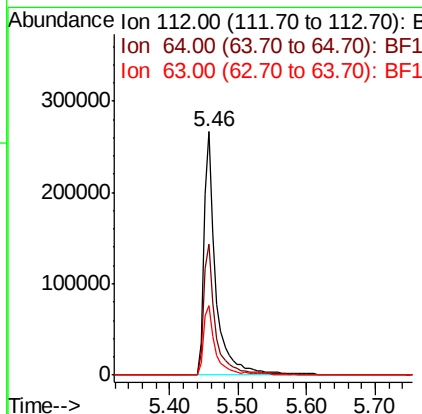
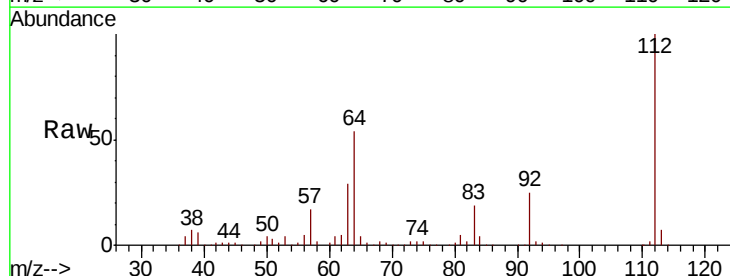
Sohil
2/19/2019 9:38:37 AM



#5

2-Fluorophenol
Concen: 58.528 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.7	68.5
63	28.6	23.6	35.4





#7

Phenol-d6

Concen: 53.142 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112598.D

Acq: 18 Feb 2019 13:57

Instrument :

BNA_F

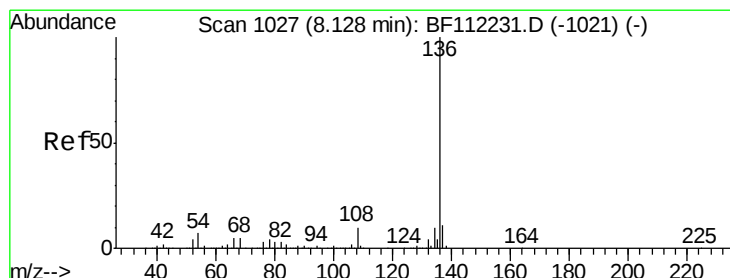
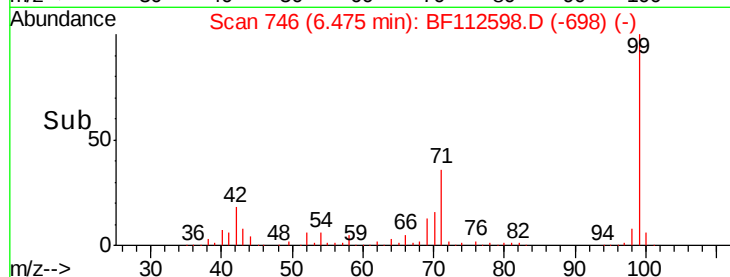
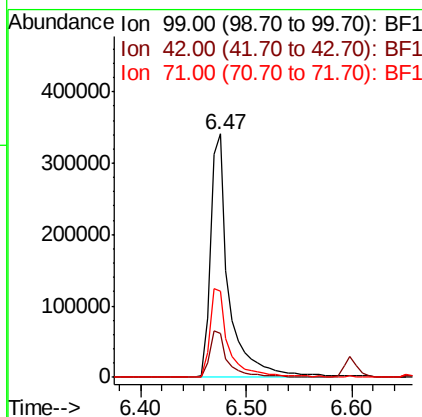
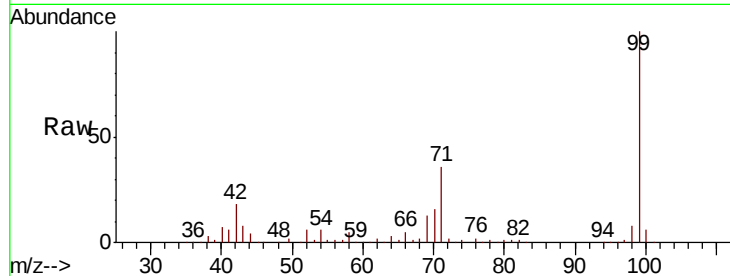
ClientSampleId :

TR-04-021419

Tot Ion:	99	Resp:	418113
Ion Ratio	Lower	Upper	
99	100		
42	17.8	15.1	22.7
71	35.5	26.9	40.3

Manual Integrations
APPROVED

Sohil
2/19/2019 9:38:37 AM



#21

Naphthalene-d8

Concen: 20.000 ng

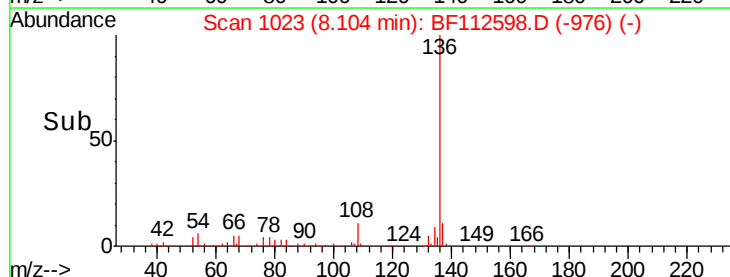
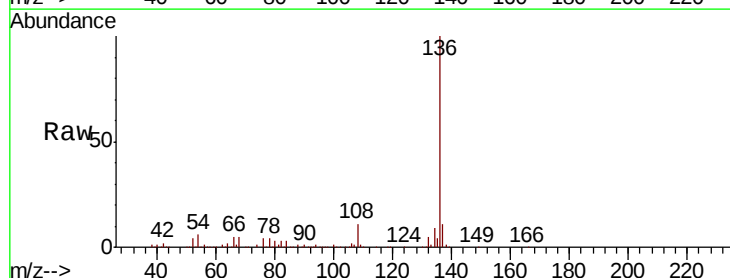
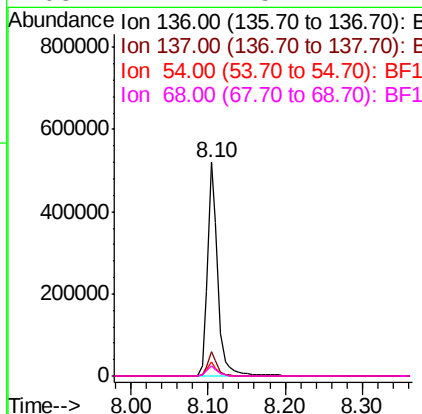
RT: 8.10 min Scan# 1023

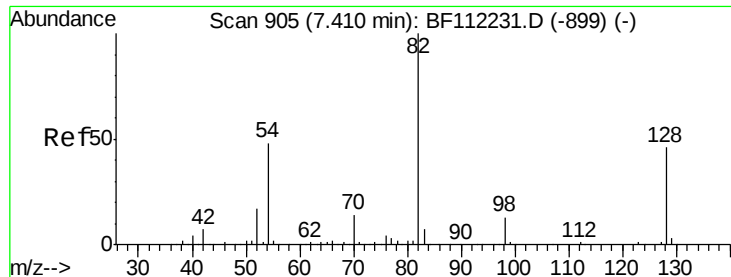
Delta R.T. -0.02 min

Lab File: BF112598.D

Acq: 18 Feb 2019 13:57

Tgt Ion:	136	Resp:	477388
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	6.4	5.9	8.9
68	4.7	5.1	7.7#





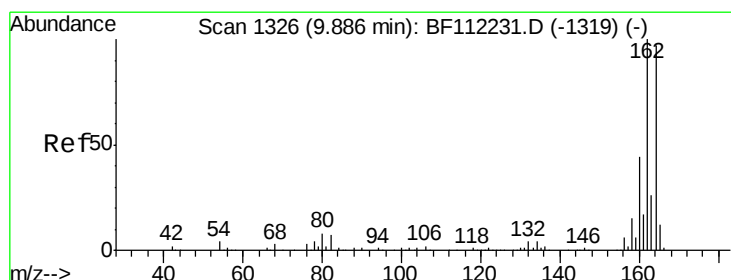
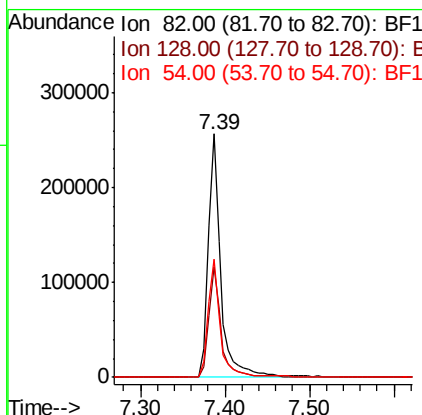
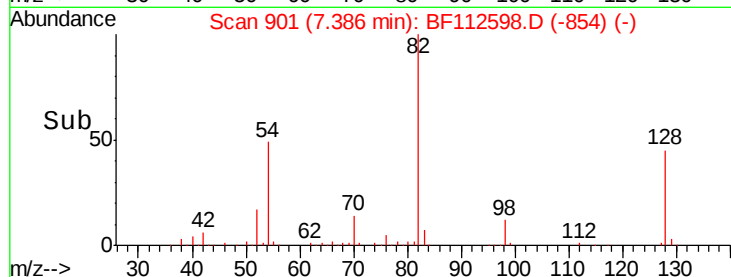
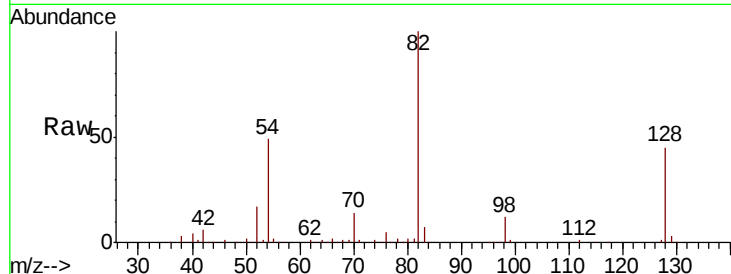
#23
 Nitrobenzene-d5
 Concen: 32.443 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF112598.D
 Acq: 18 Feb 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-021419

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.8	56.8
54	48.7	39.7	59.5

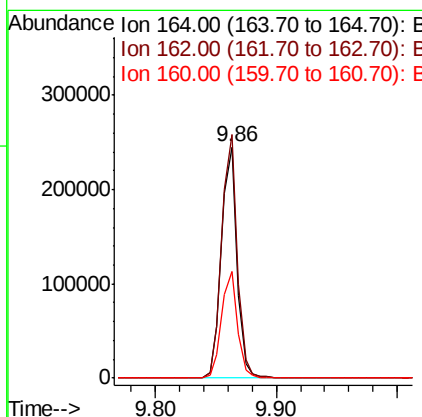
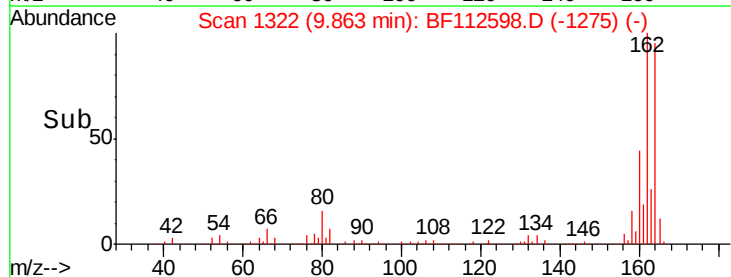
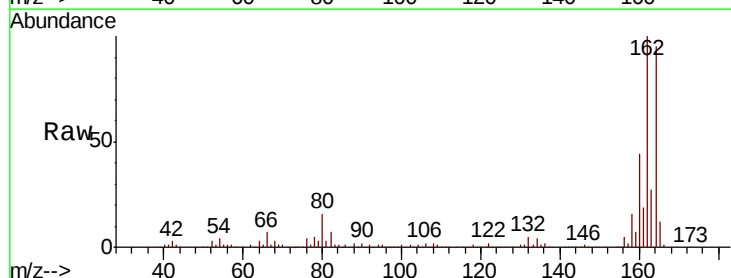
Manual Integrations
 APPROVED

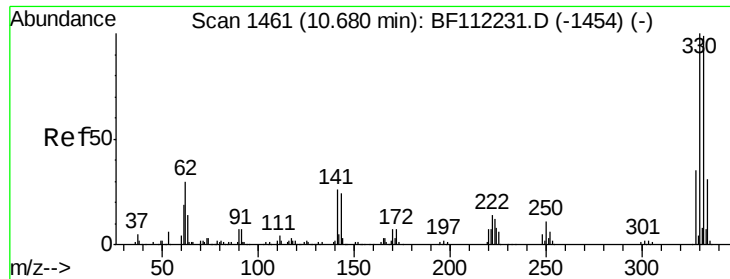
Sohil
 2/19/2019 9:38:37 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF112598.D
 Acq: 18 Feb 2019 13:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.4
160	45.9	36.2	54.4





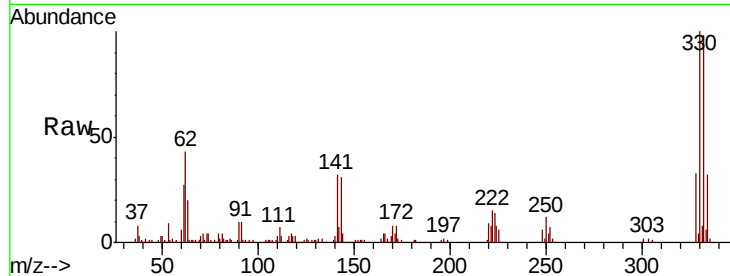
#42
 2,4,6-Tribromophenol
 Concen: 44.321 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112598.D
 Acq: 18 Feb 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-021419

Tot Ion	Ratio	Resp	Lower	Upper
330	100	112211		
332	96.3	76.6	114.8	
141	34.9	24.3	36.5	

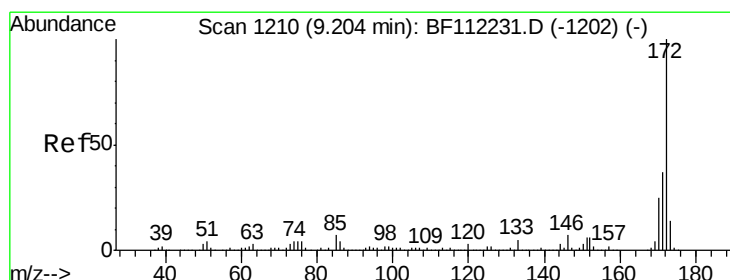
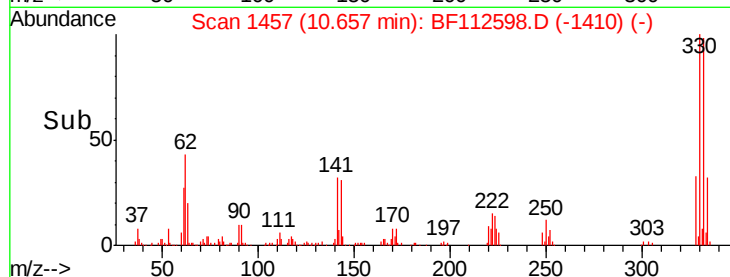
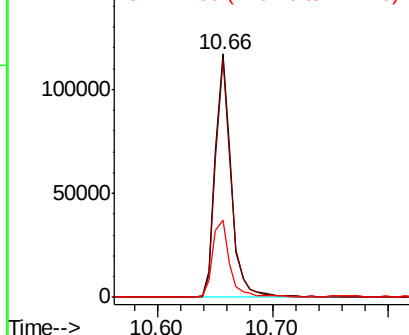
Manual Integrations
 APPROVED

Sohil
 2/19/2019 9:38:37 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

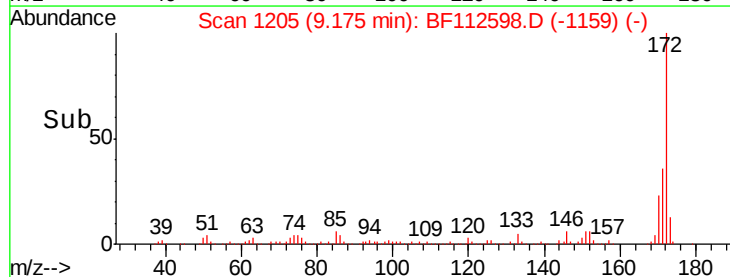
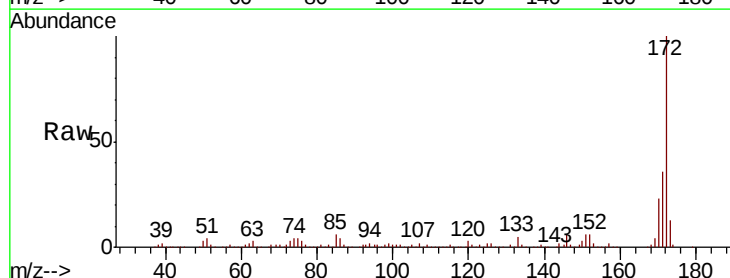
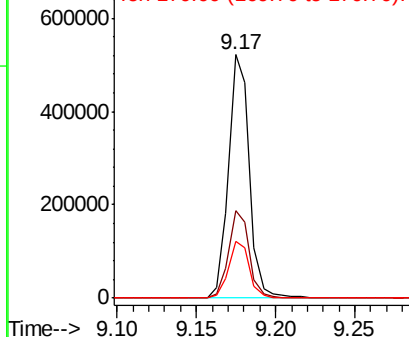


#45
 2-Fluorobiphenyl
 Concen: 30.939 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112598.D
 Acq: 18 Feb 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	475804		
171	35.7	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





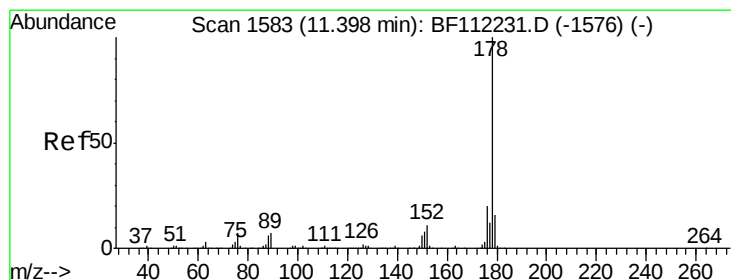
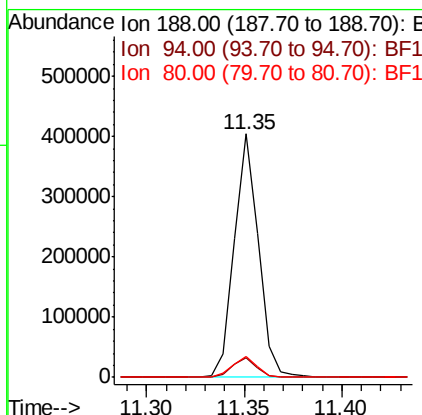
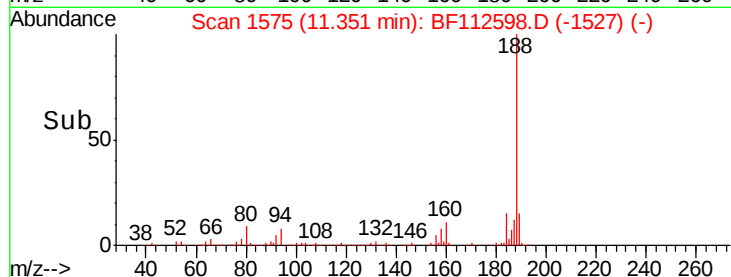
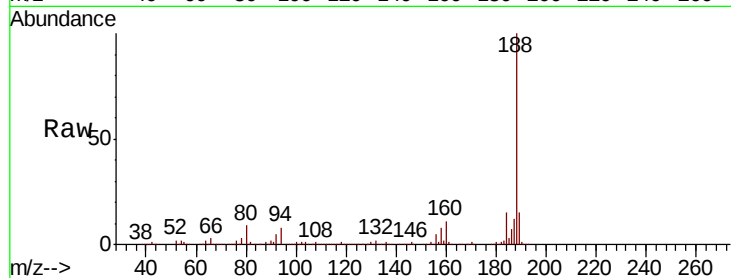
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.8	8.9	13.3

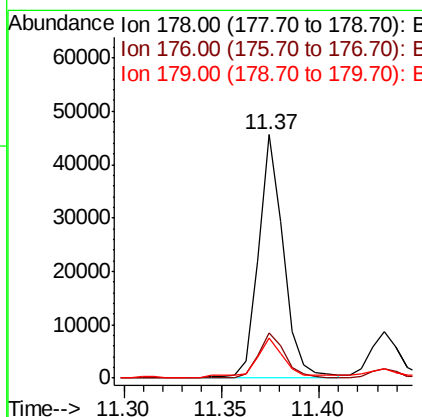
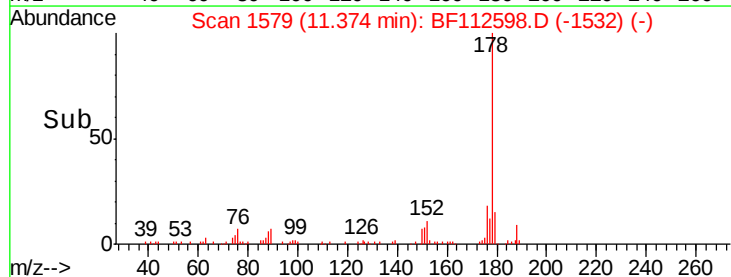
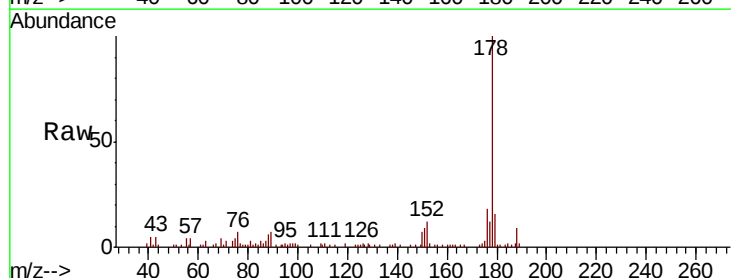
Manual Integrations
APPROVED

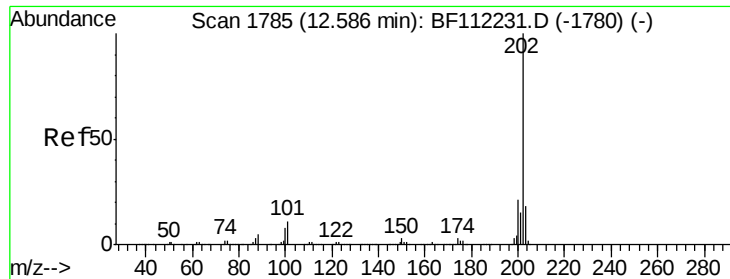
Sohil
2/19/2019 9:38:37 AM



#71
Phenanthrene
Concen: 2.242 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.5	16.3	24.5
179	16.5	13.0	19.4





#75

Fluoranthene

Concen: 2.350 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112598.D

Acq: 18 Feb 2019 13:57

Instrument :

BNA_F

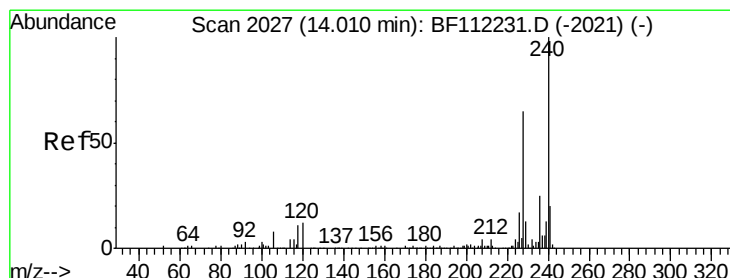
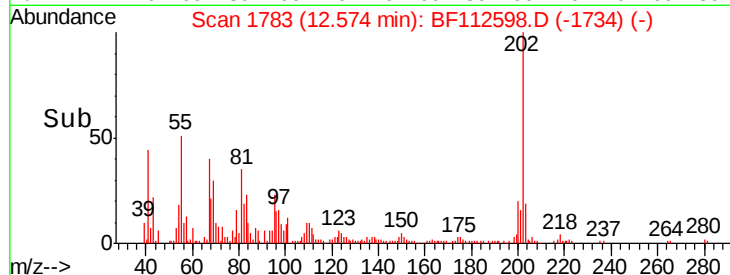
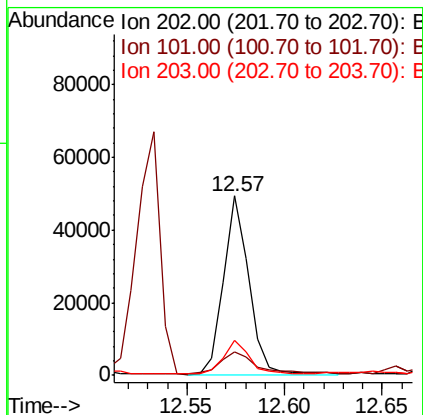
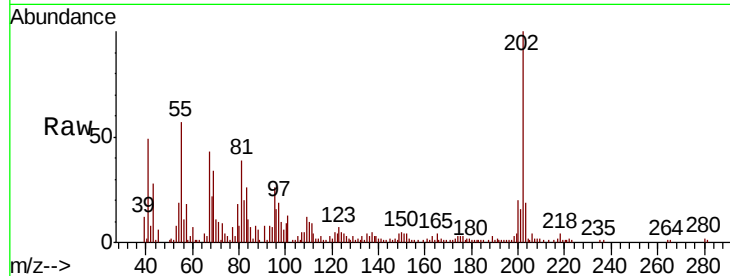
ClientSampleId :

TR-04-021419

Tot Ion:	202	Resp:	45692
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	31.8
203	19.3	0.0	38.4

Manual Integrations
APPROVED

Sohil
2/19/2019 9:38:37 AM



#76

Chrysene-d12

Concen: 20.000 ng

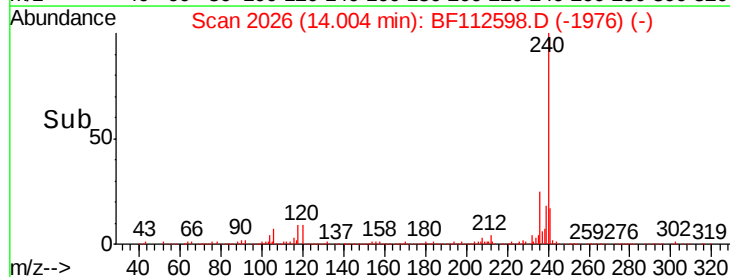
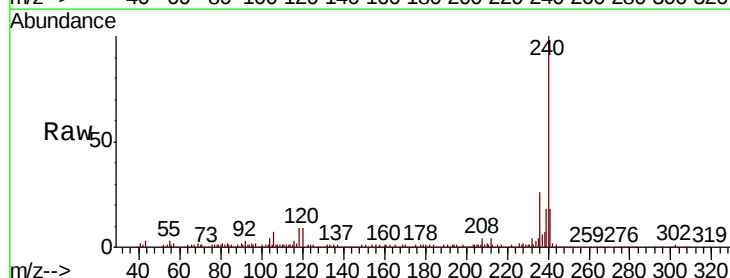
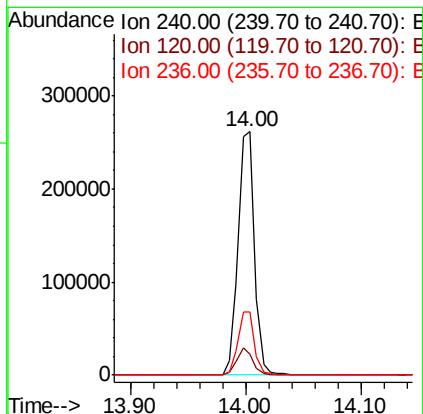
RT: 14.00 min Scan# 2026

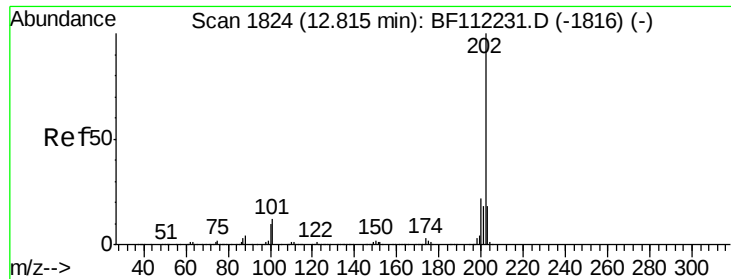
Delta R.T. -0.01 min

Lab File: BF112598.D

Acq: 18 Feb 2019 13:57

Tgt Ion:	240	Resp:	257759
Ion Ratio	Lower	Upper	
240	100		
120	8.8	9.0	13.6#
236	25.7	20.7	31.1





#78

Pvrene

Concen: 2.861 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112598.D

Acq: 18 Feb 2019 13:57

Instrument :

BNA_F

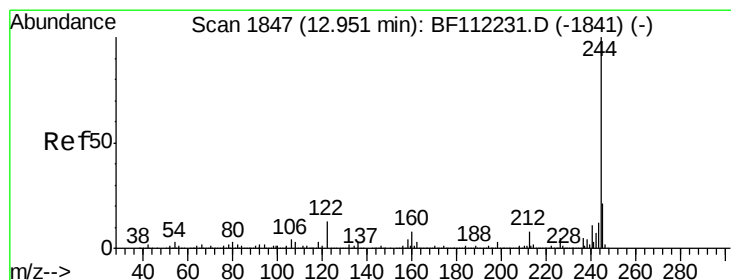
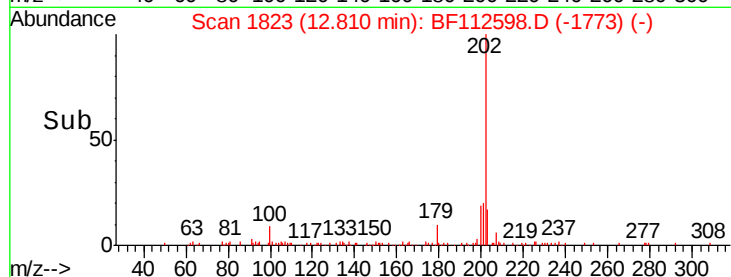
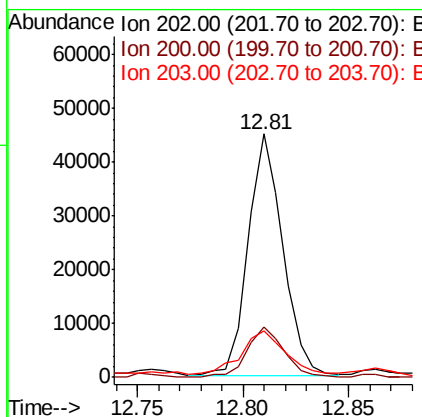
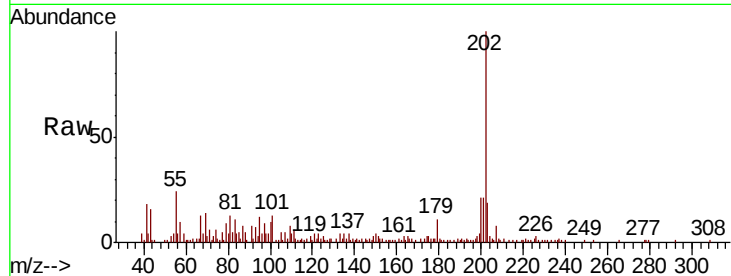
ClientSampleId :

TR-04-021419

Tot Ion:	202	Resp:	51060
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	18.9	14.6	22.0

Manual Integrations
APPROVED

Sohil
2/19/2019 9:38:37 AM



#79

Terphenyl-d14

Concen: 26.457 ng

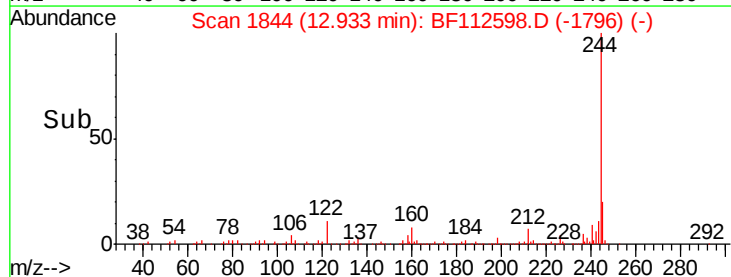
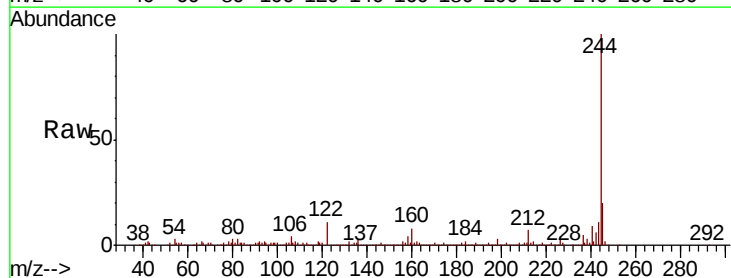
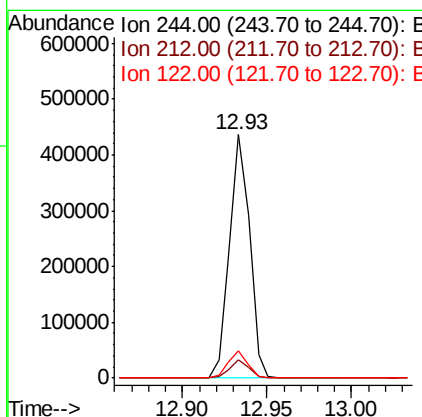
RT: 12.93 min Scan# 1844

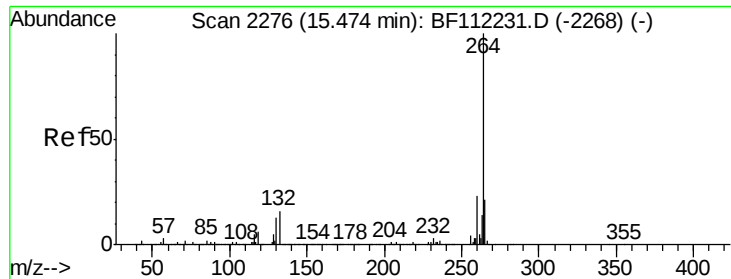
Delta R.T. -0.02 min

Lab File: BF112598.D

Acq: 18 Feb 2019 13:57

Tgt Ion:	244	Resp:	362074
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.9	8.9
122	11.5	9.8	14.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF112598.D

Acq: 18 Feb 2019 13:57

Instrument :

BNA_F

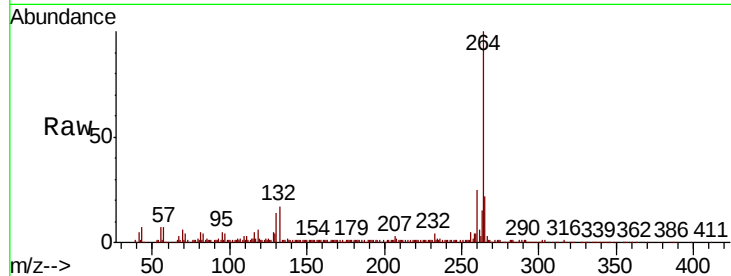
ClientSampleId :

TR-04-021419

Tot Ion:	264	Resp:	212609
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.2	27.2
265	22.1	17.0	25.4

Manual Integrations
APPROVED

Sohil
2/19/2019 9:38:37 AM

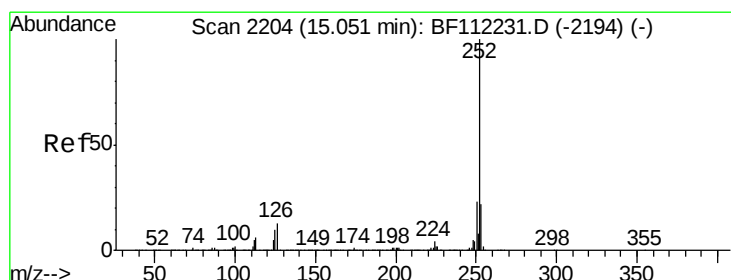
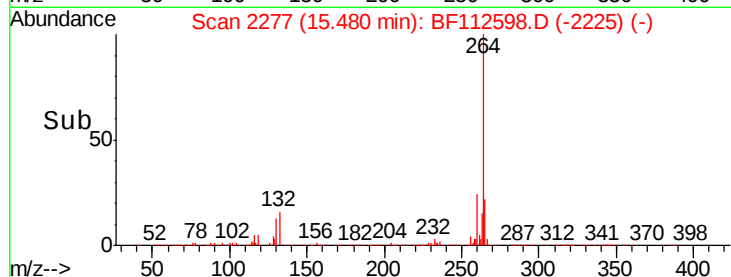
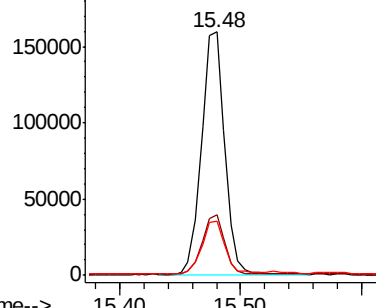


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.332 ng m

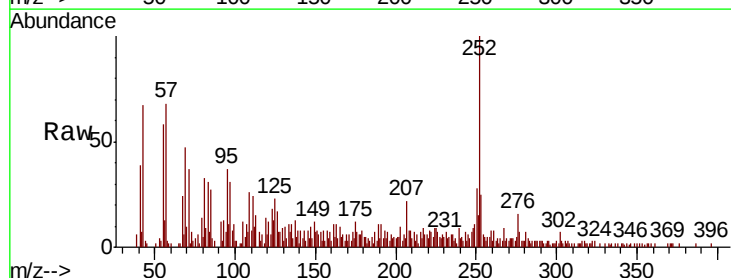
RT: 15.05 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BF112598.D

Acq: 18 Feb 2019 13:57

Tgt Ion:	252	Resp:	29651
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.0	27.0
125	23.1	8.7	13.1#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

