

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113660.D
 Acq On : 9 Apr 2019 14:39
 Operator : JU/SJ
 Sample : K2316-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190174-AMND-COMP-CS-1

Manual Integrations
 APPROVED

Sohil
 4/10/2019 6:20:35 PM

Quant Time: Apr 10 05:53:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	103169	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	396501	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	194409	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	399344	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	335158	20.00	ng	-0.02
87) Perylene-d12	15.23	264	285612	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	198046	32.73	ng	0.00
7) Phenol-d6	6.33	99	749459	100.51	ng	-0.01
23) Nitrobenzene-d5	7.25	82	522362	77.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	57147	24.47	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	775973	64.26	ng	-0.02
79) Terphenyl-d14	12.77	244	987121	59.97	ng	-0.02
Target Compounds						
10) Phenol	6.34	94	20058	2.355	ng	Qvalue # 76
50) Dimethylphthalate	9.43	163	155523	10.853	ng	99
71) Phenanthrene	11.22	178	76433	3.852	ng	98
75) Fluoranthene	12.40	202	124799	5.869	ng	98
78) Pyrene	12.63	202	107853	4.229	ng	97
81) Benzo(a)anthracene	13.82	228	48217	2.494	ng	99
83) Chrysene	13.85	228	44800	2.286	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	136943	10.911	ng	98
88) Benzo(b)fluoranthene	14.84	252	47120m	2.695	ng	

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

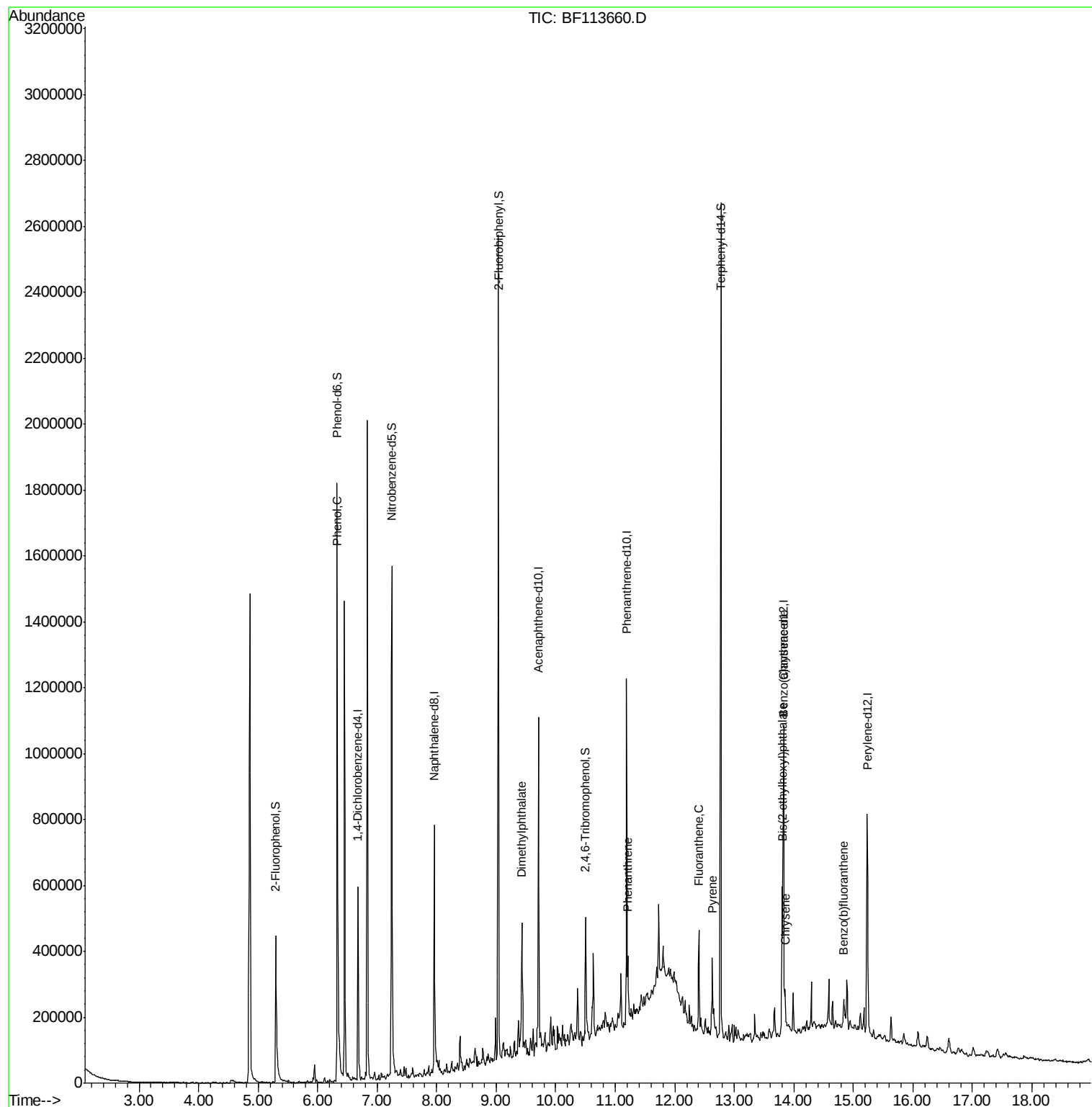
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113660.D
Acq On : 9 Apr 2019 14:39
Operator : JU/SJ
Sample : K2316-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20190174-AMND-COMP-CS-1

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:35 PM

Quant Time: Apr 10 05:53:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration





#1

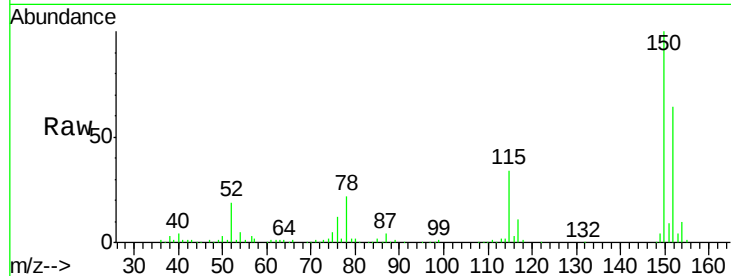
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113660.D
Acq: 9 Apr 2019 14:39

Instrument :
BNA_F
ClientSampleId :
20190174-AMND-COMP-CS-1

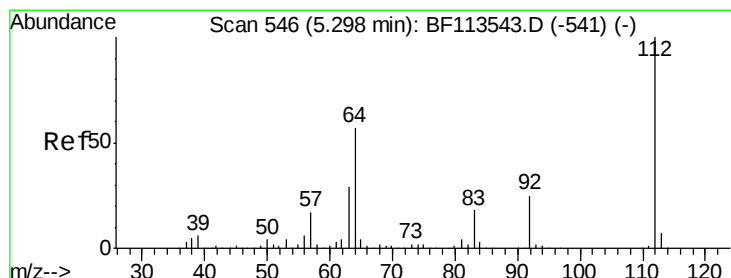
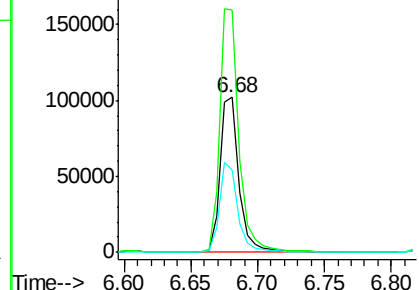
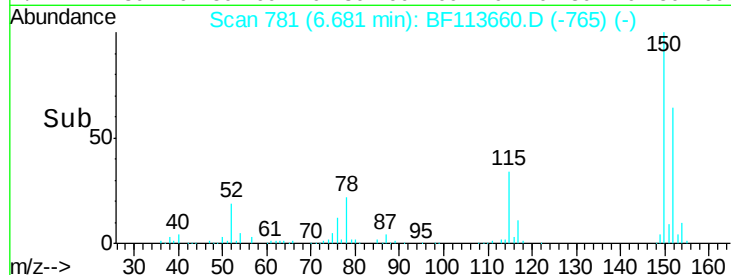
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.7	187.1
115	53.3	46.0	69.0

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:35 PM



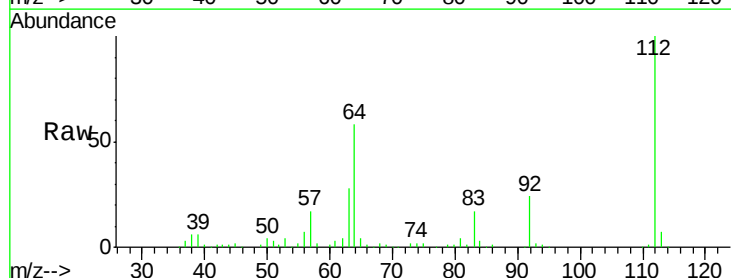
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



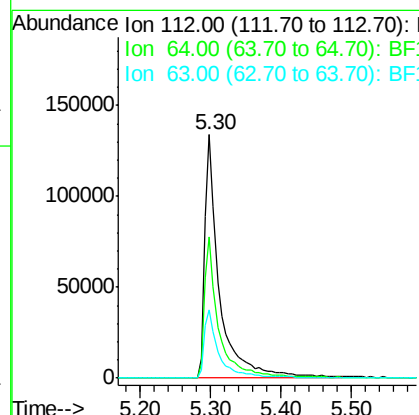
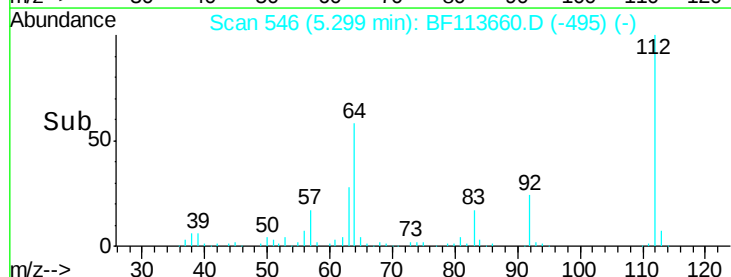
#5

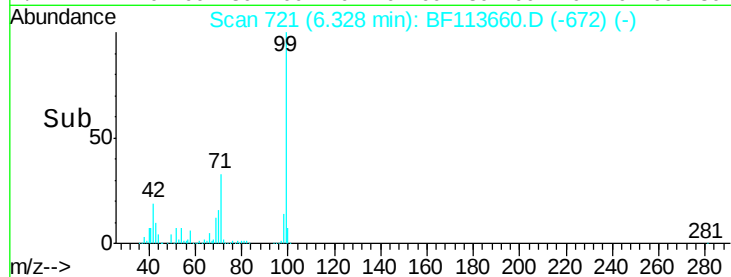
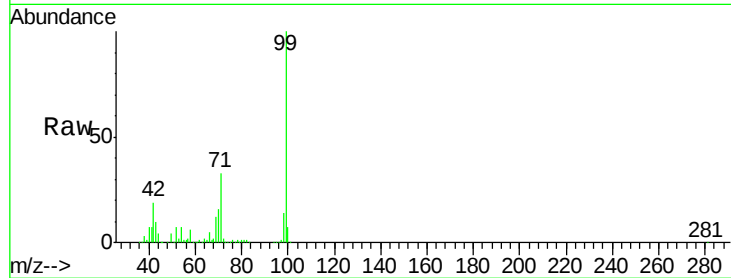
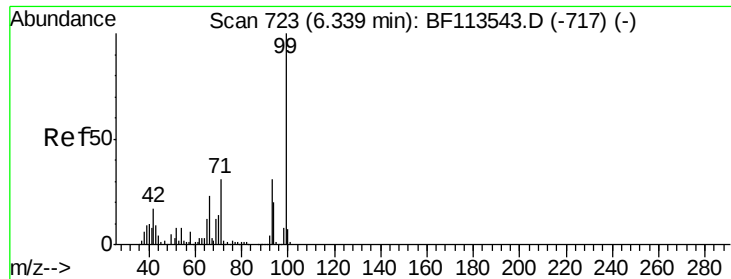
2-Fluorophenol
Concen: 32.734 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113660.D
Acq: 9 Apr 2019 14:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	49.2	73.8
63	28.0	24.9	37.3



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: 100.506 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Tgt Ion:	99	Resp:	749459
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.8	22.2
71	33.1	24.9	37.3

Instrument :

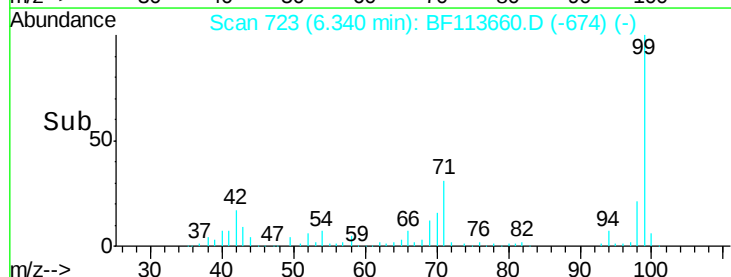
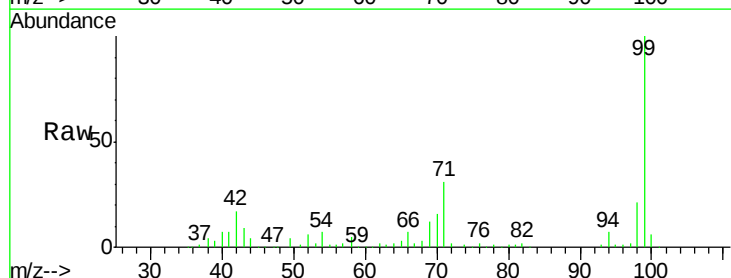
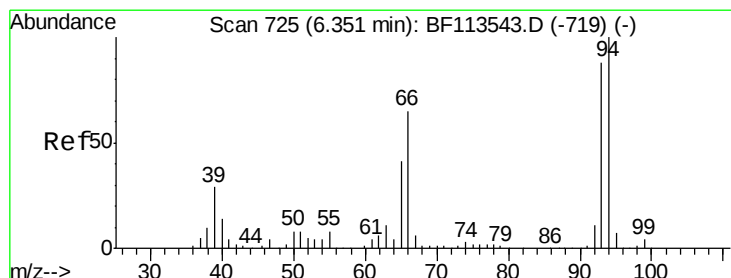
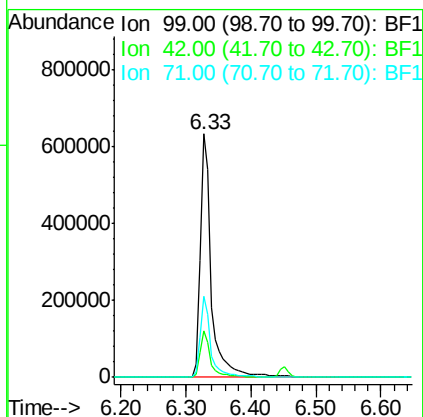
BNA_F

ClientSampleId :

20190174-AMND-COMP-CS-1

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:35 PM



#10

Phenol

Concen: 2.355 ng

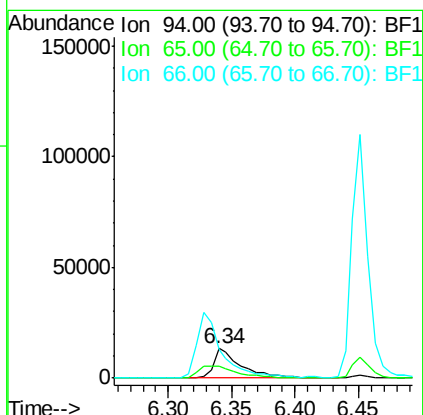
RT: 6.34 min Scan# 723

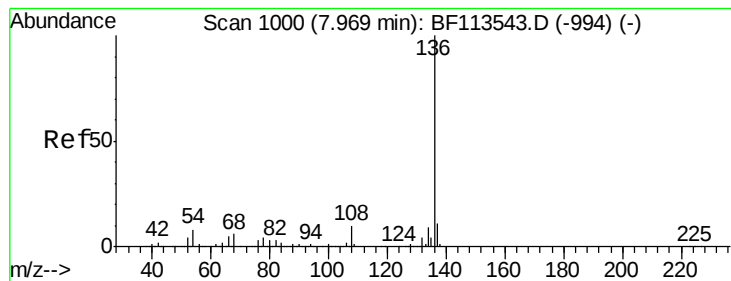
Delta R.T. -0.01 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

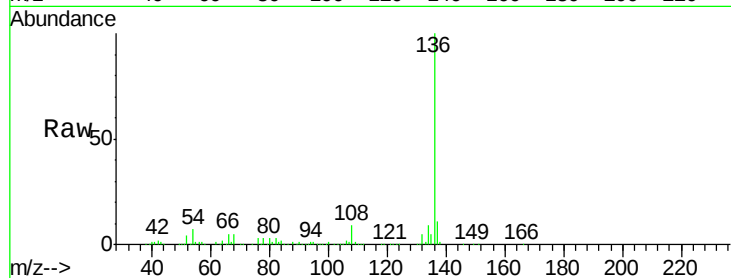
Tgt Ion:	94	Resp:	20058
Ion Ratio	Lower	Upper	
94	100		
65	41.2	21.4	61.4
66	96.7	46.4	86.4#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113660.D
Acq: 9 Apr 2019 14:39

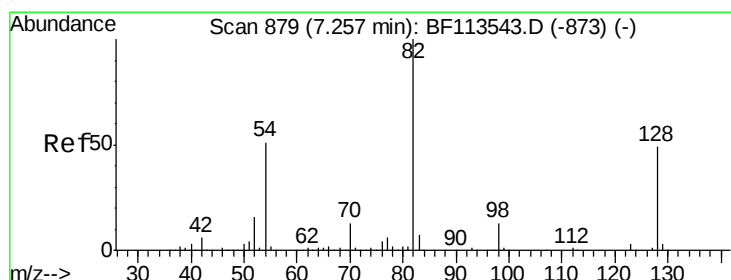
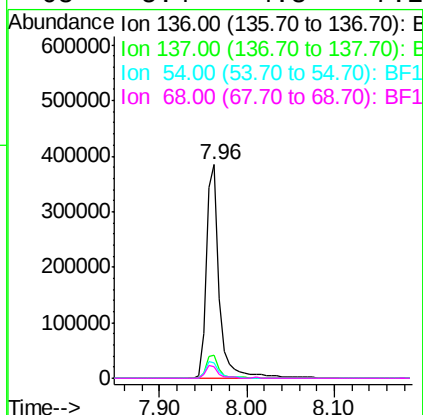
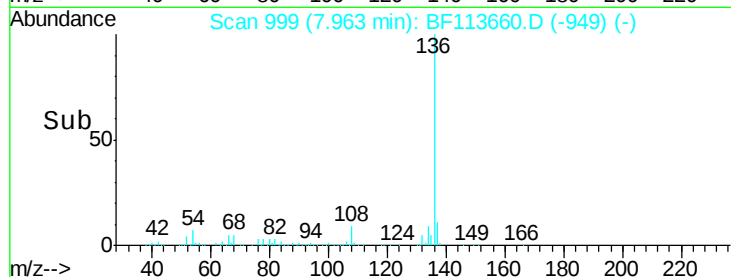
Instrument :
BNA_F
ClientSampleId :
20190174-AMND-COMP-CS-1



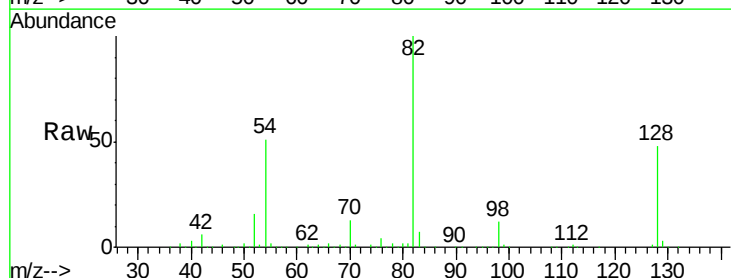
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	396501		
137	10.6	8.9	13.3	
54	7.3	7.0	10.6	
68	5.4	4.8	7.2	

Manual Integrations
APPROVED

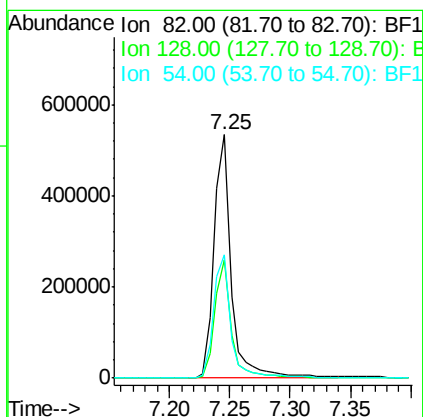
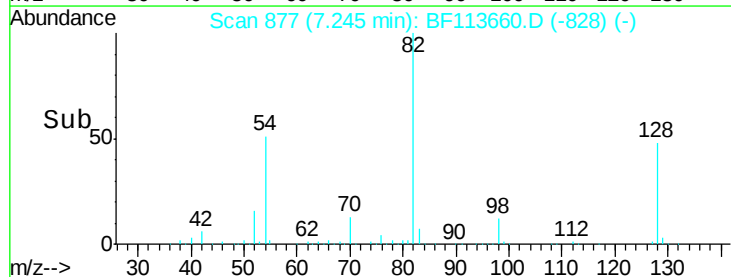
Sohil
4/10/2019 6:20:35 PM

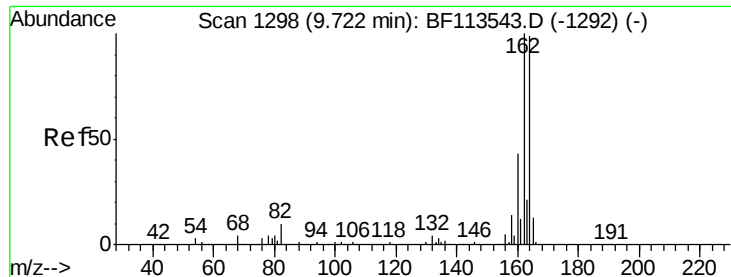


#23
Nitrobenzene-d5
Concen: 77.169 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113660.D
Acq: 9 Apr 2019 14:39



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	522362		
128	48.3	36.5	54.7	
54	50.9	42.2	63.2	





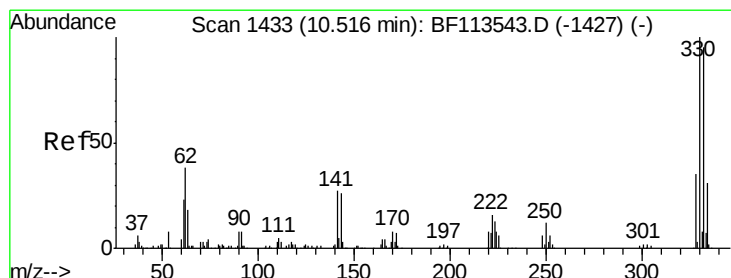
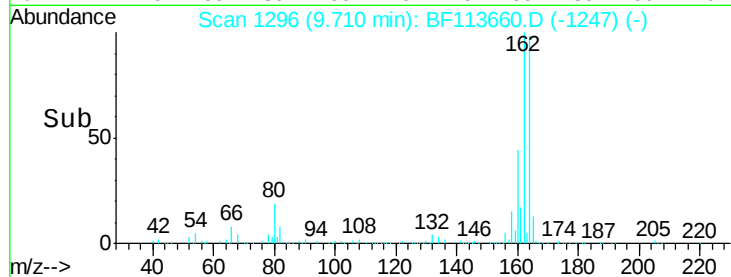
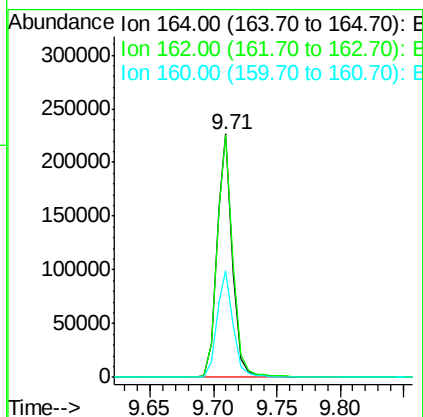
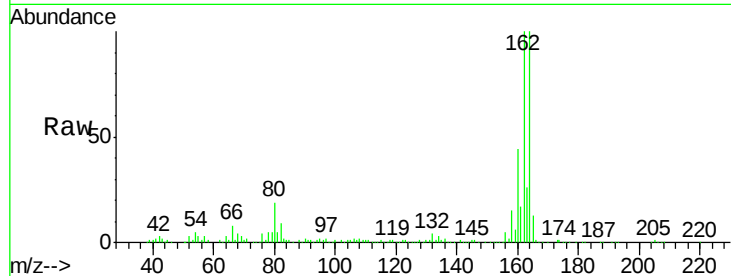
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113660.D
 Acq: 9 Apr 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 20190174-AMND-COMP-CS-1

Tgt Ion:	164	Resp:	194409
Ion Ratio	Lower	Upper	
164	100		
162	99.6	81.8	122.6
160	44.0	36.4	54.6

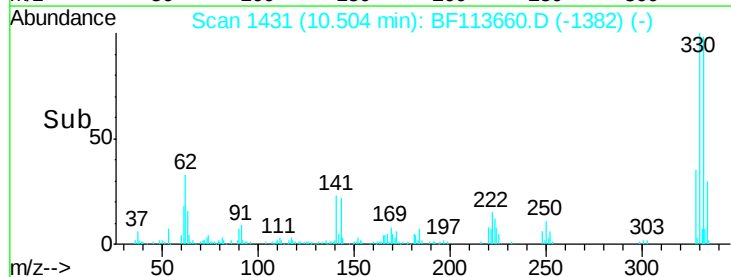
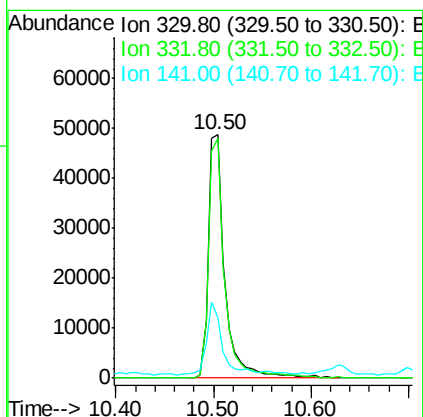
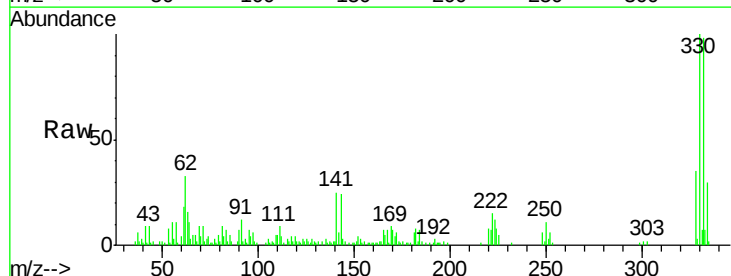
Manual Integrations
 APPROVED

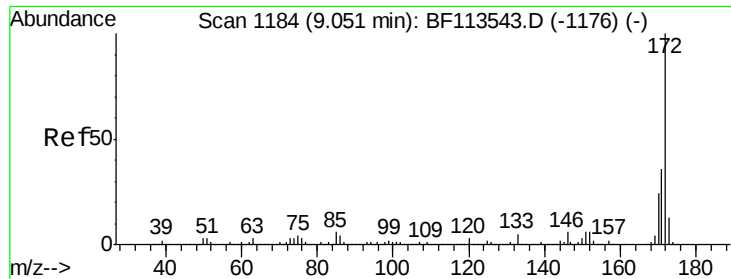
Sohil
 4/10/2019 6:20:35 PM



#42
 2,4,6-Tribromophenol
 Concen: 24.471 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113660.D
 Acq: 9 Apr 2019 14:39

Tgt Ion:	330	Resp:	57147
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.8	116.6
141	28.5	22.7	34.1





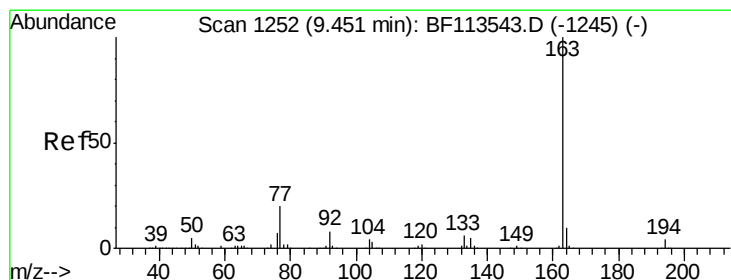
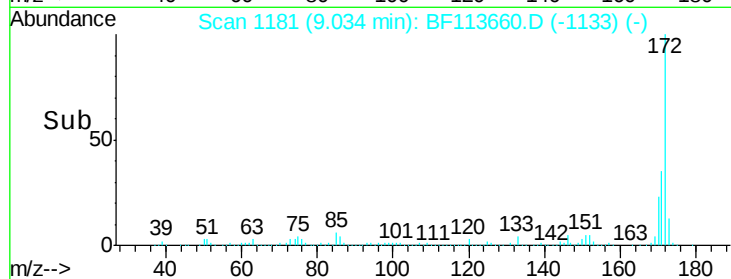
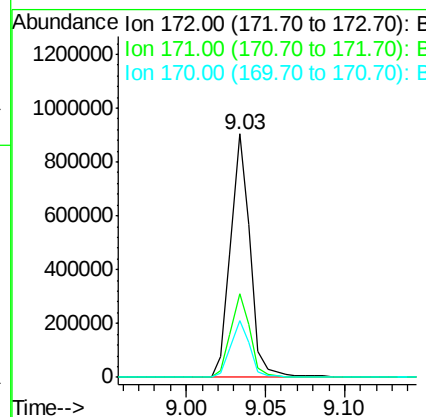
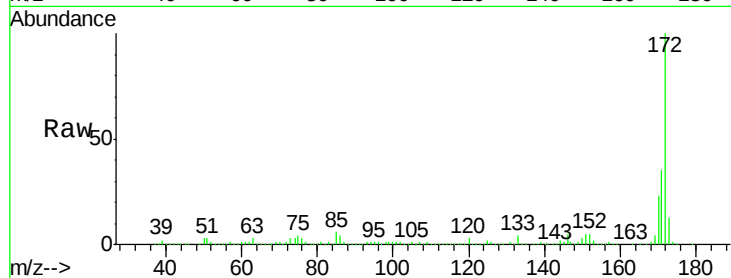
#45
2-Fluorobiphenyl
Concen: 64.258 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113660.D
Acq: 9 Apr 2019 14:39

Instrument :
BNA_F
ClientSampleId :
20190174-AMND-COMP-CS-1

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	775973		
171	34.6	29.0	43.6	
170	23.3	19.5	29.3	

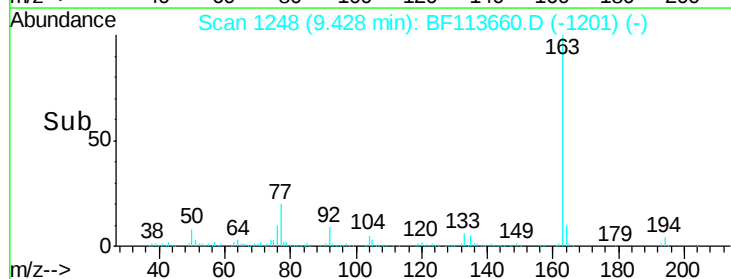
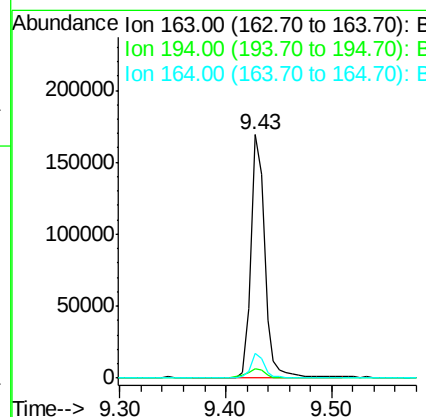
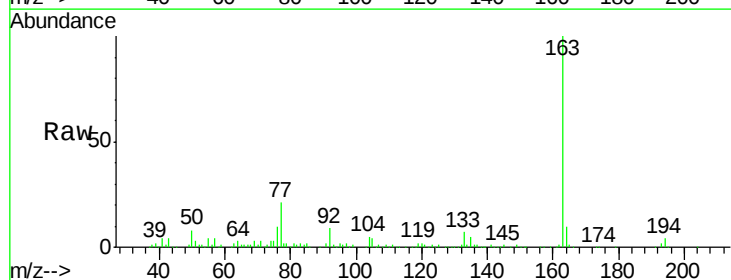
Manual Integrations
APPROVED

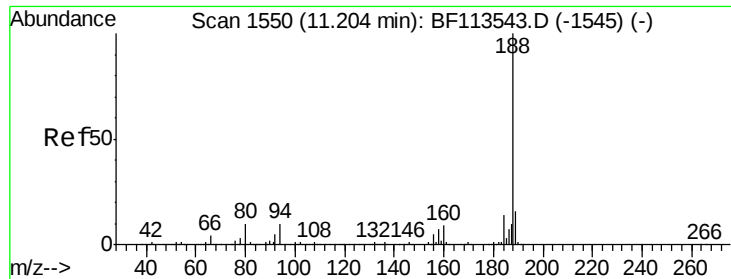
Sohil
4/10/2019 6:20:35 PM



#50
Dimethylphthalate
Concen: 10.853 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113660.D
Acq: 9 Apr 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	155523		
194	4.1	3.0	4.6	
164	10.4	8.1	12.1	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Instrument :

BNA_F

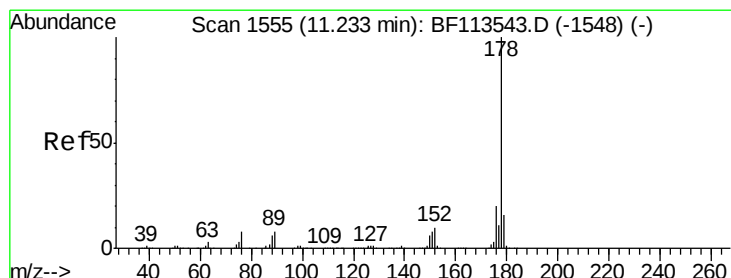
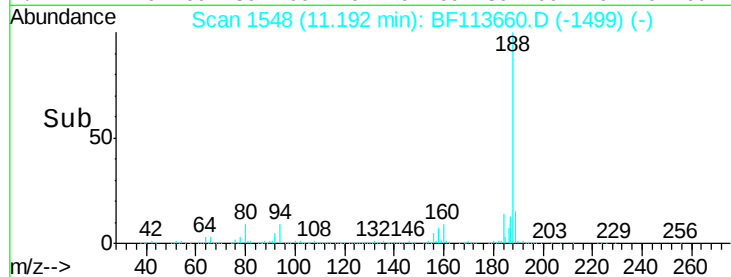
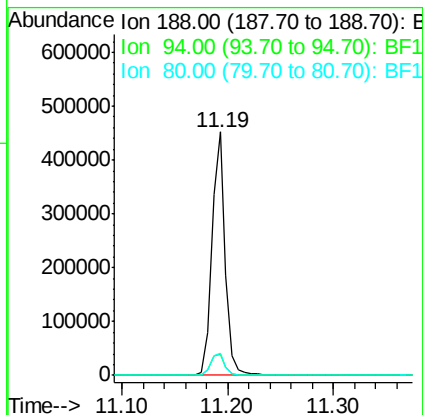
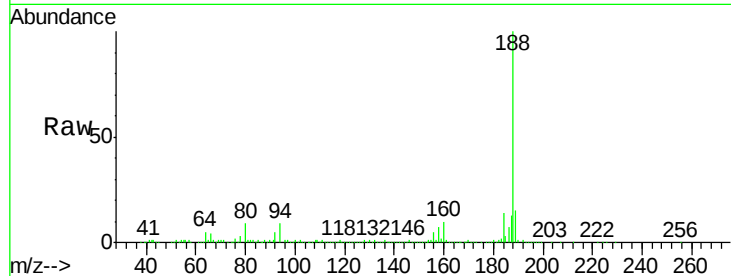
ClientSampleId :

20190174-AMND-COMP-CS-1

Tgt Ion:	188	Resp:	399344
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.0	10.6
80	9.1	7.7	11.5

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:35 PM



#71

Phenanthrene

Concen: 3.852 ng

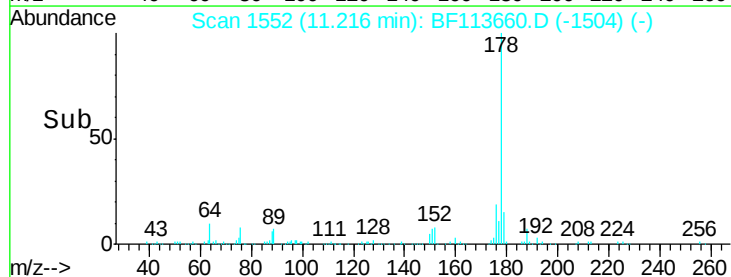
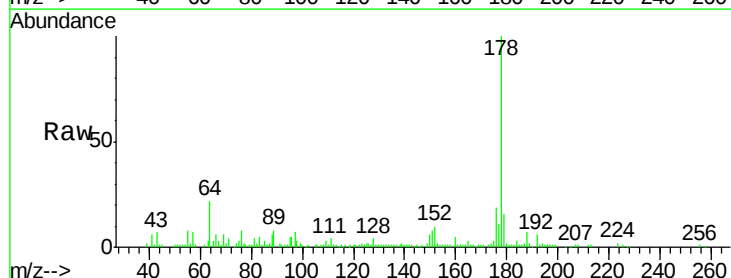
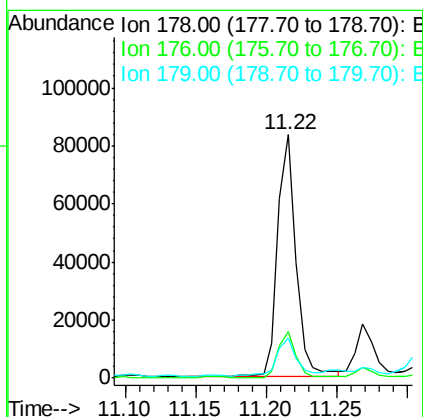
RT: 11.22 min Scan# 1552

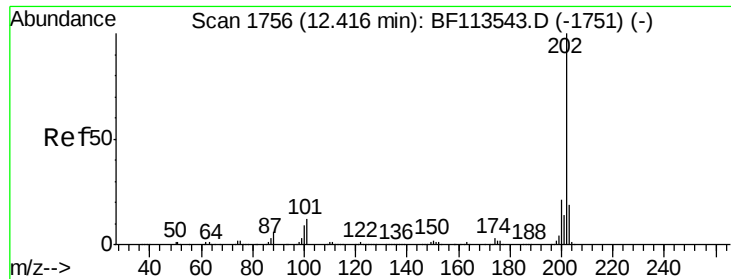
Delta R.T. -0.02 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Tgt Ion:	178	Resp:	76433
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.2	24.2
179	16.4	12.7	19.1





#75

Fluoranthene

Concen: 5.869 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Instrument :

BNA_F

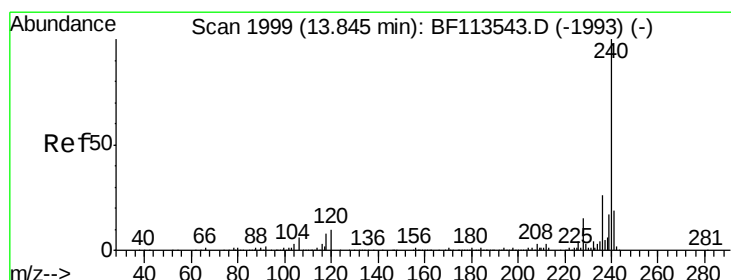
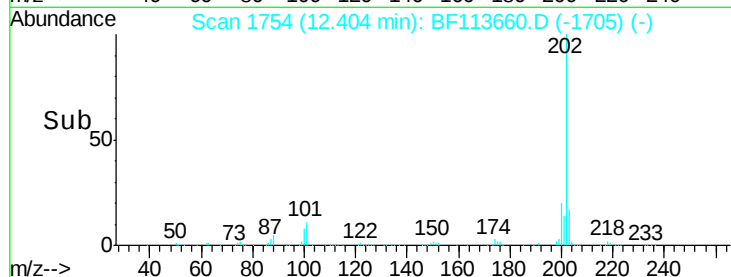
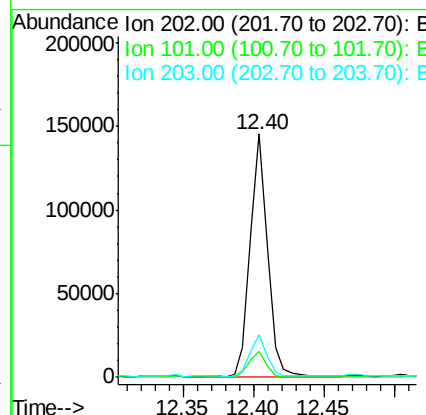
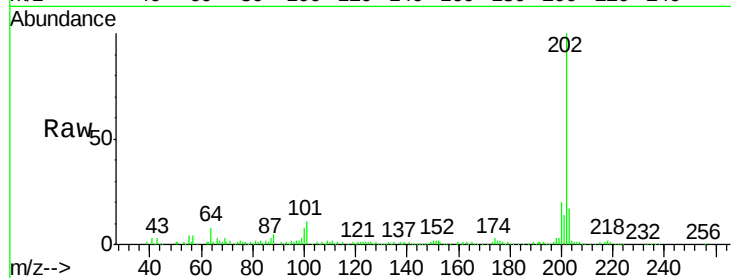
ClientSampleId :

20190174-AMND-COMP-CS-1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	124799		
101	10.7	0.0	31.4	
203	17.3	0.0	38.0	

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:35 PM



#76

Chrysene-d12

Concen: 20.000 ng

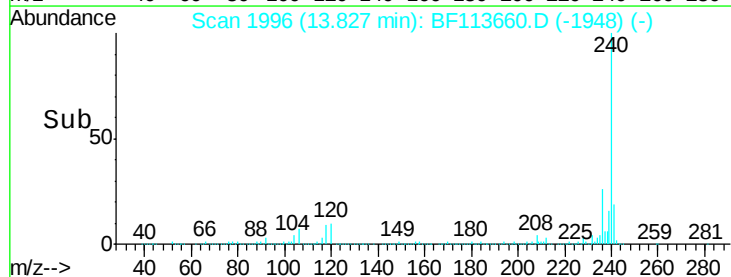
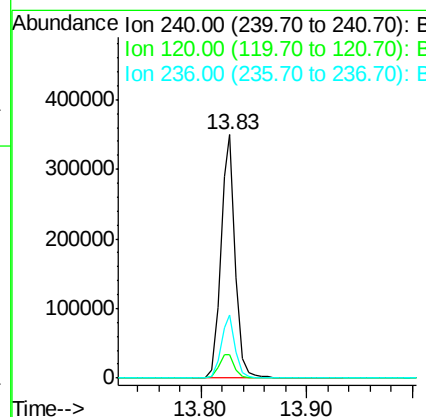
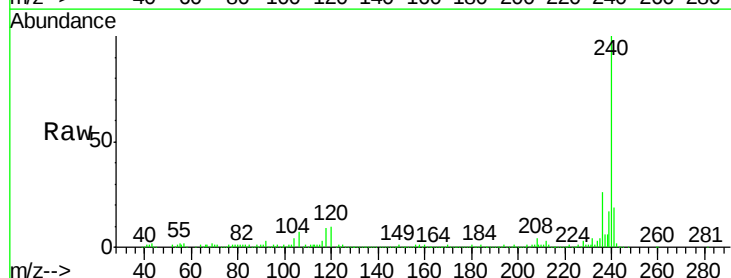
RT: 13.83 min Scan# 1996

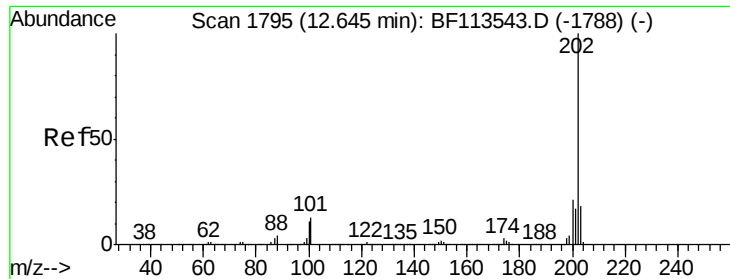
Delta R.T. -0.02 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	335158		
120	9.9	8.8	13.2	
236	25.9	20.9	31.3	





#78

Pyrene

Concen: 4.229 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Instrument :

BNA_F

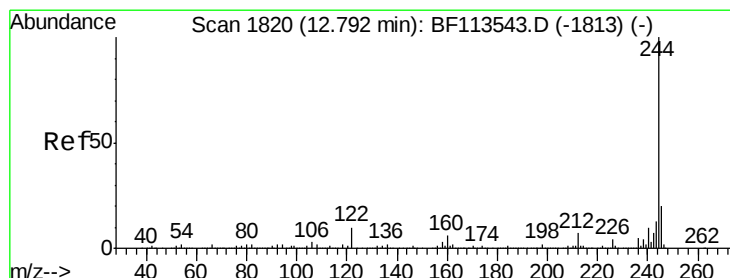
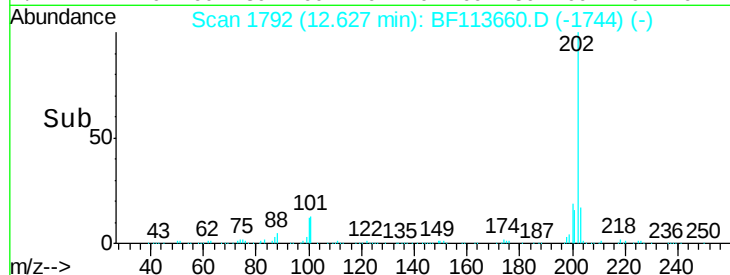
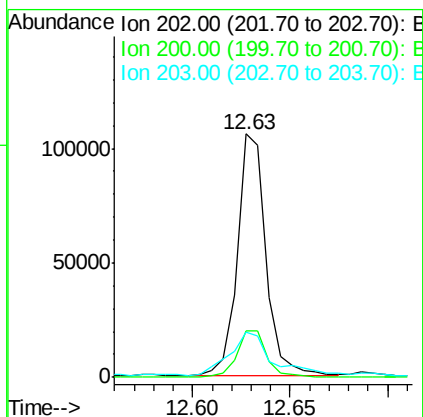
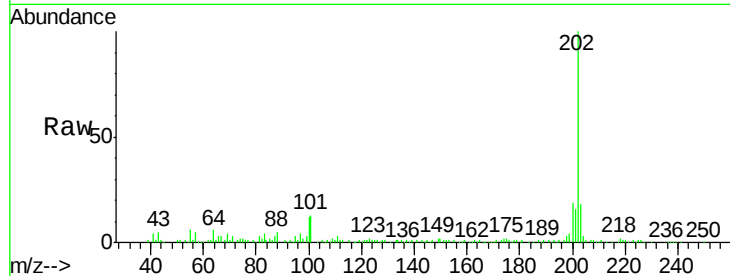
ClientSampleId :

20190174-AMND-COMP-CS-1

Tgt Ion:	202	Resp:	107853
Ion Ratio	Lower	Upper	
202	100		
200	19.0	16.8	25.2
203	18.5	14.4	21.6

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:35 PM



#79

Terphenyl-d14

Concen: 59.966 ng

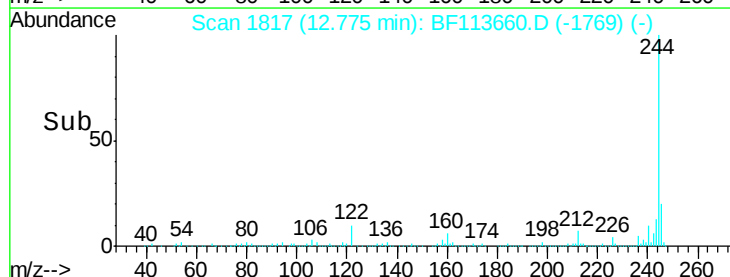
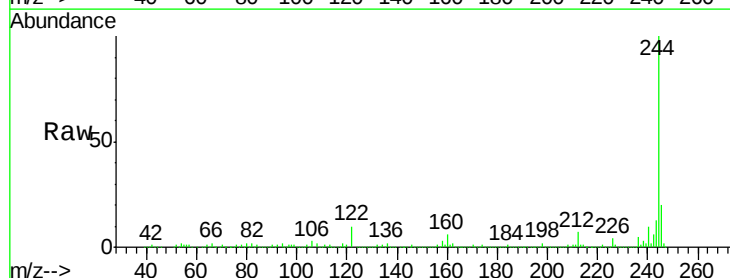
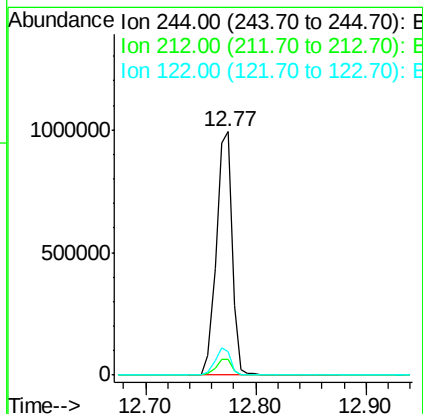
RT: 12.77 min Scan# 1817

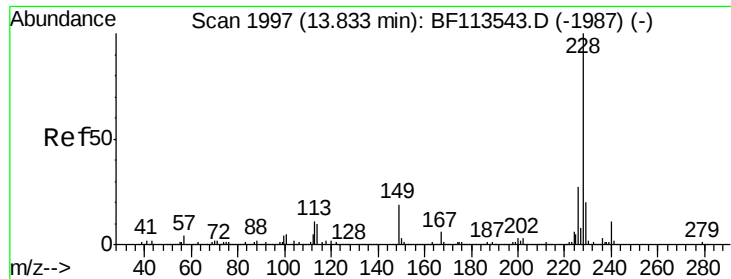
Delta R.T. -0.02 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Tgt Ion:	244	Resp:	987121
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.5	8.3
122	9.9	8.6	13.0





#81

Benzo(a)anthracene

Concen: 2.494 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Instrument :

BNA_F

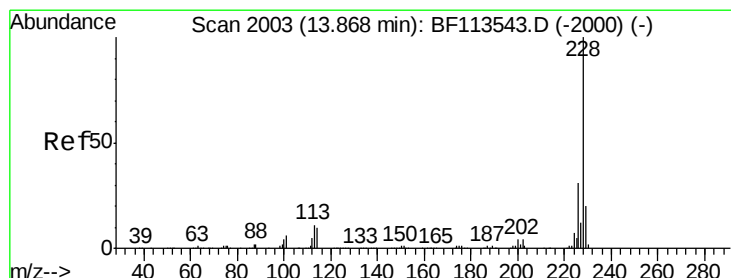
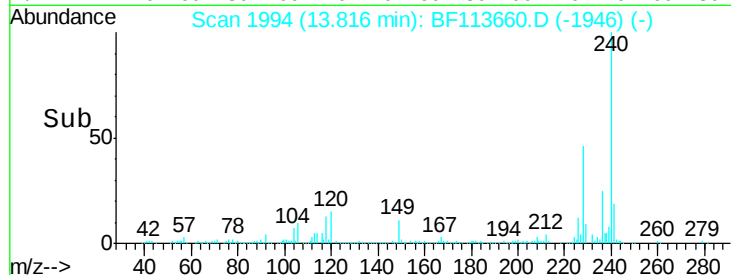
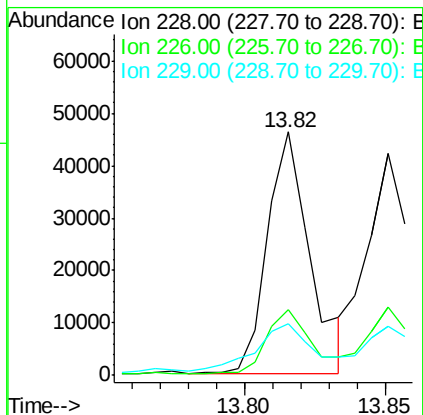
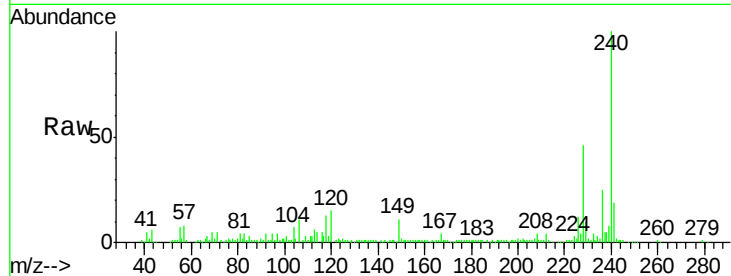
ClientSampleId :

20190174-AMND-COMP-CS-1

Tgt Ion:	228	Resp:	48217
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.8	32.8
229	21.3	16.2	24.4

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:35 PM



#83

Chrysene

Concen: 2.286 ng

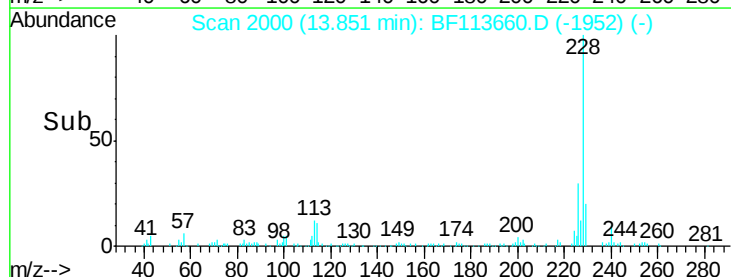
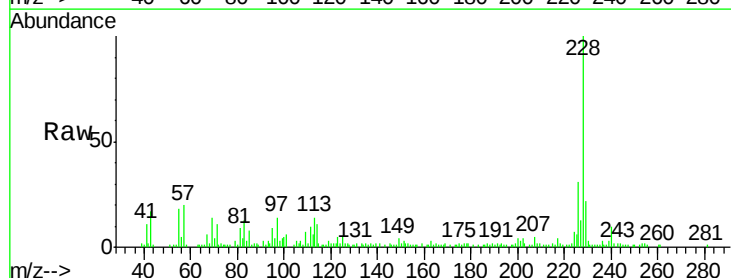
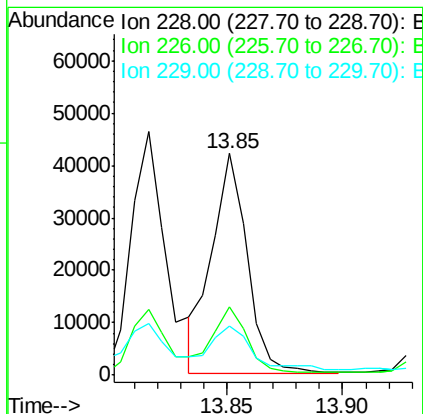
RT: 13.85 min Scan# 2000

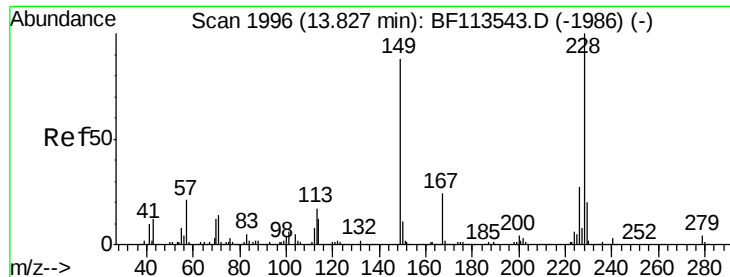
Delta R.T. -0.02 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Tgt Ion:	228	Resp:	44800
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.3	36.5
229	22.1	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.911 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113660.D

Acq: 9 Apr 2019 14:39

Instrument :

BNA_F

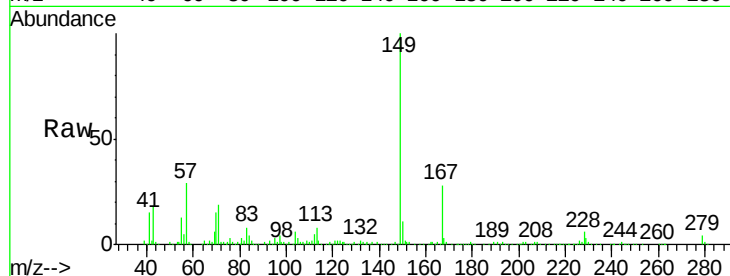
ClientSampleId :

20190174-AMND-COMP-CS-1

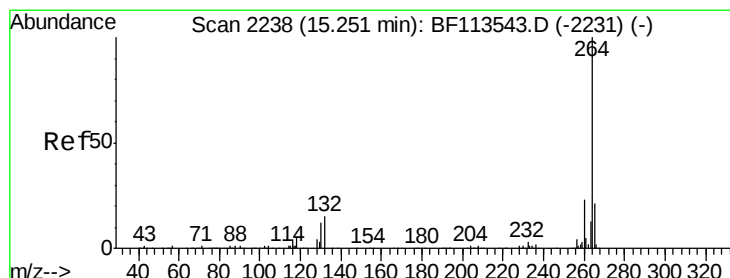
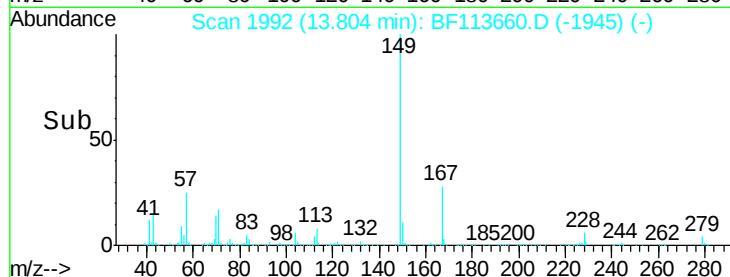
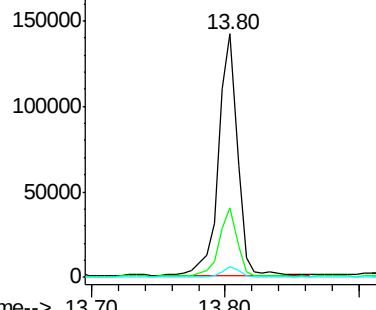
Tgt Ion:	149	Resp:	136943
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.8	32.8
279	4.2	2.9	4.3

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:35 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

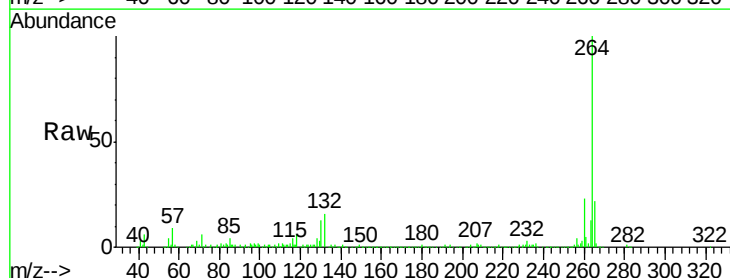
RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

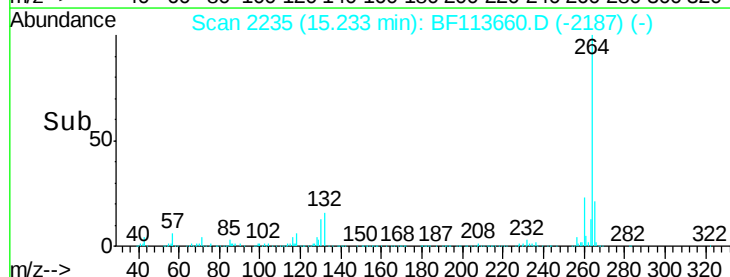
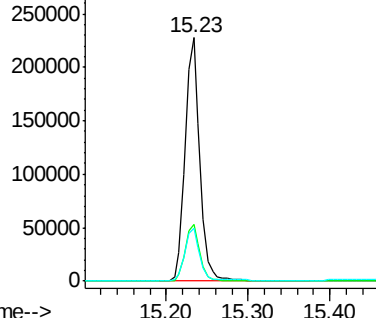
Lab File: BF113660.D

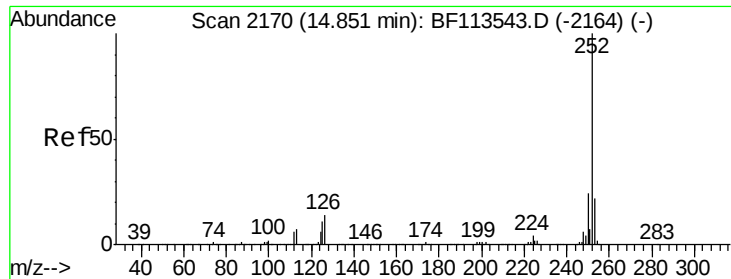
Acq: 9 Apr 2019 14:39

Tgt Ion:	264	Resp:	285612
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.1	28.7
265	21.6	17.1	25.7



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: 2.695 ng m

RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF113660.D

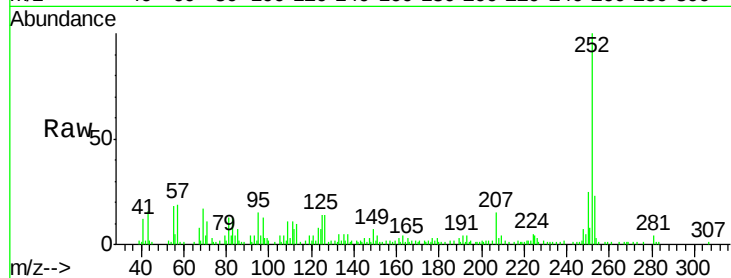
Acq: 9 Apr 2019 14:39

Instrument :

BNA_F

ClientSampleId :

20190174-AMND-COMP-CS-1



Tgt Ion: 252 Resp: 47120

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

125 14.4 7.6 11.4

Manual Integrations
APPROVED

Sohil

4/10/2019 6:20:35 PM

