

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099194.D
 Acq On : 7 Oct 2017 15:10
 Operator : SJ/JU
 Sample : I5586-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G54B-3-6

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:34:03 PM

Quant Time: Oct 08 04:24:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	139806	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	548658	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	226730	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	330462	20.00	ng	0.00
75) Chrysene-d12	14.03	240	232594	20.00	ng	0.00
86) Perylene-d12	15.50	264	205570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	865103	98.50	ng	0.01
7) Phenol-d6	6.50	99	1042884	96.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	623063	72.83	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	169377	91.30	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1097595	80.82	ng	0.00
78) Terphenyl-d14	12.97	244	692894	67.75	ng	0.00
Target Compounds						
10) Phenol	6.52	94	36672	3.027	ng	94
49) Dimethylphthalate	9.61	163	204057	11.925	ng	99
70) Phenanthrene	11.41	178	111113	6.282	ng	98
74) Fluoranthene	12.60	202	167324	9.342	ng	98
77) Pyrene	12.83	202	162080	9.138	ng	98
80) Benzo(a)anthracene	14.02	228	81607	5.794	ng	95
82) Chrysene	14.05	228	102182	7.621	ng	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	57266	4.989	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.99	276	44118	4.113	ng	97
87) Benzo(b)fluoranthene	15.07	252	148765m	11.770	ng	
88) Benzo(k)fluoranthene	15.10	252	53472m	4.283	ng	
89) Benzo(a)pyrene	15.44	252	71196	6.137	ng	# 91
91) Benzo(a,h,i)perylene	17.43	276	40834	4.449	ng	# 83

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

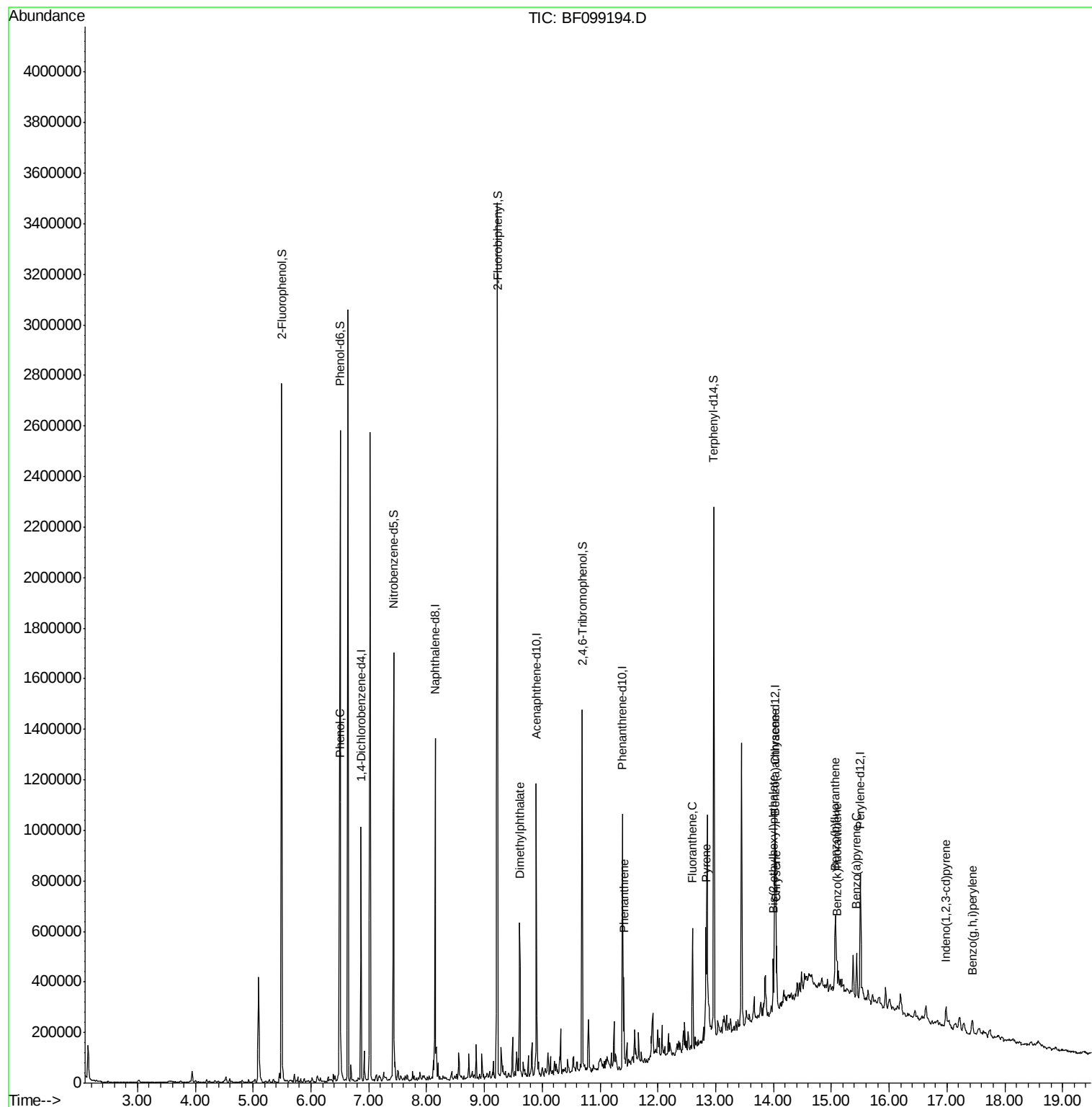
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099194.D
Acq On : 7 Oct 2017 15:10
Operator : SJ/JU
Sample : I5586-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

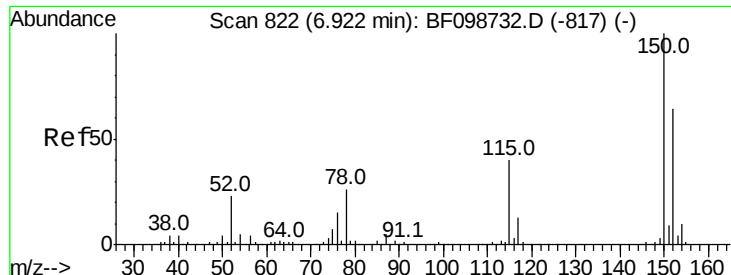
Instrument :
BNA_F
ClientSampleId :
G54B-3-6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:34:03 PM

Quant Time: Oct 08 04:24:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration





#1

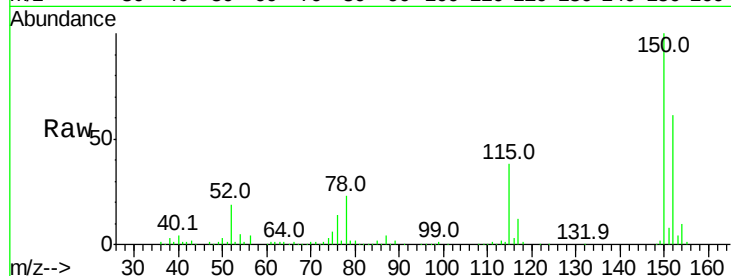
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :
G54B-3-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.6	186.8
115	61.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
10/9/2017 6:34:03 PM

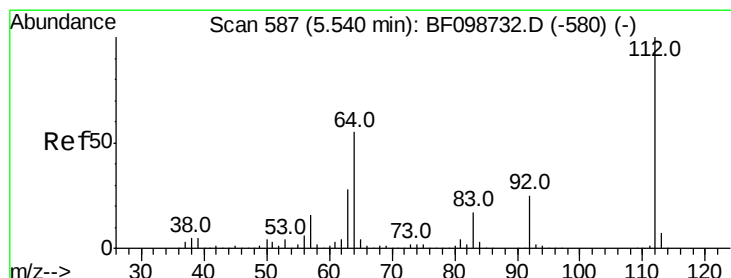
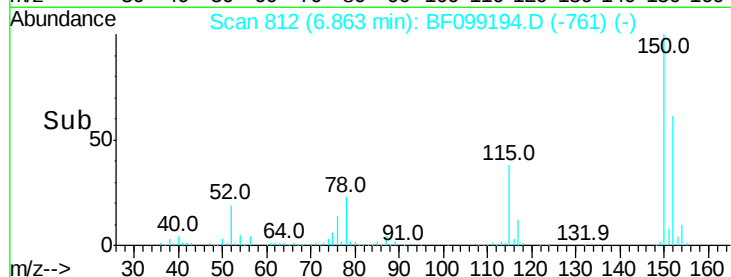
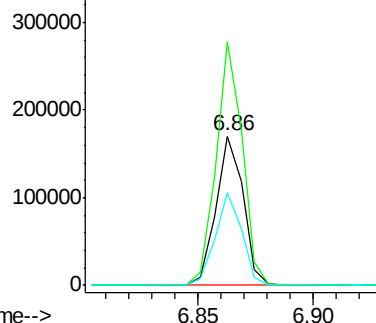


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

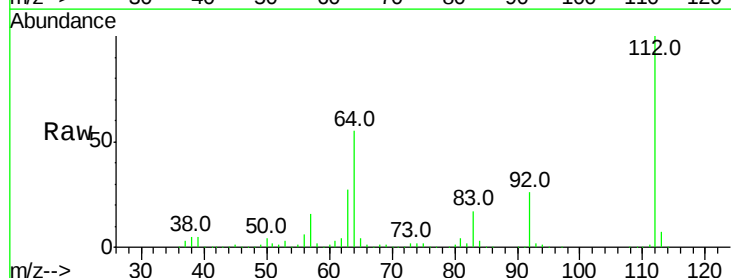
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.505 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.4	23.7	35.5

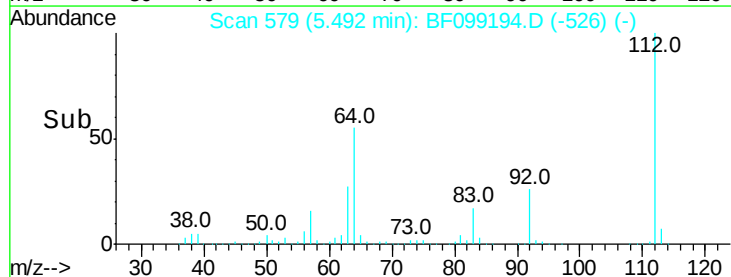
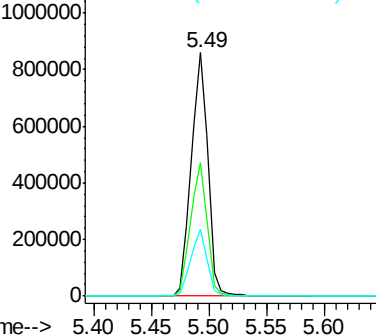


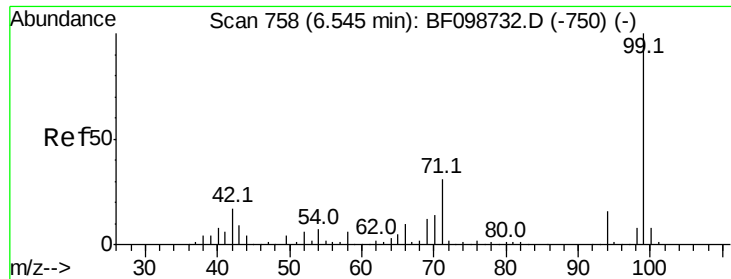
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.260 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099194.D

Acq: 7 Oct 2017 15:10

Instrument :

BNA_F

ClientSampled :

G54B-3-6

Tot Ion: 99 Resp: 1042884

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

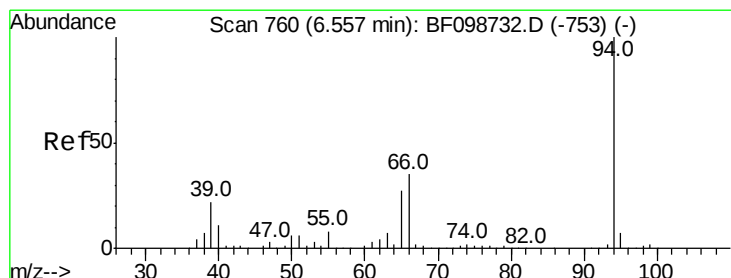
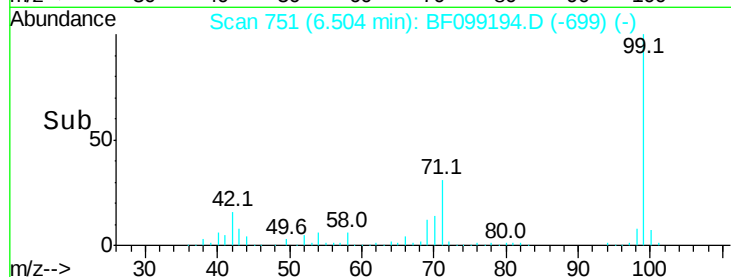
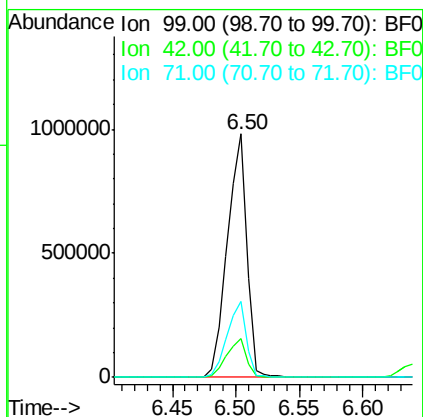
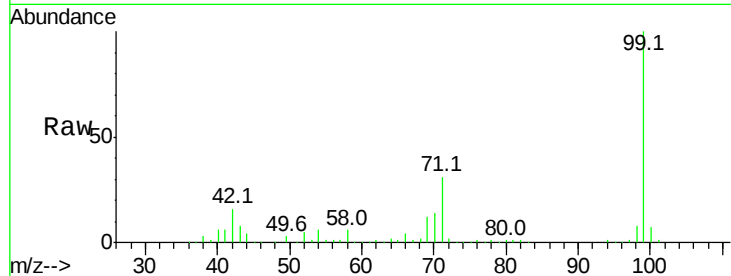
71 30.9 25.4 38.0

Manual Integrations

APPROVED

Sohil

10/9/2017 6:34:03 PM



#10

Phenol

Concen: 3.027 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF099194.D

Acq: 7 Oct 2017 15:10

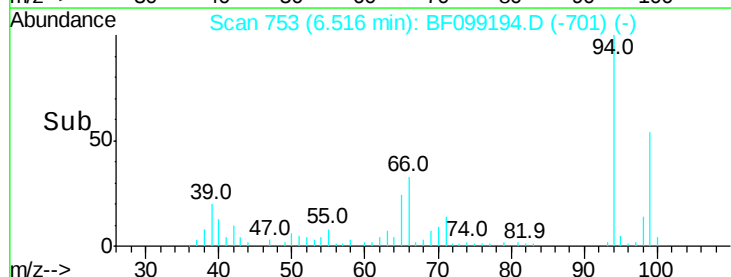
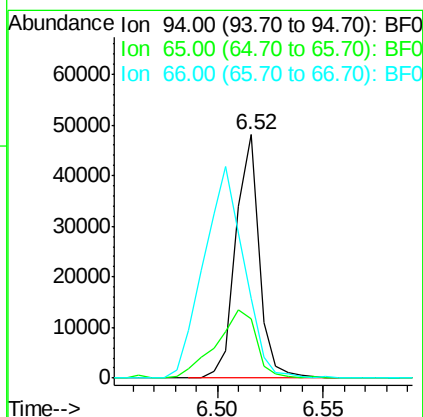
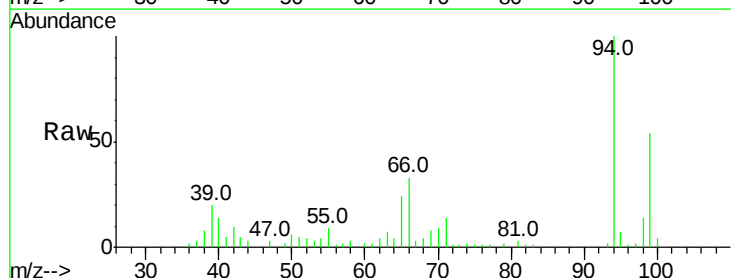
Tgt Ion: 94 Resp: 36672

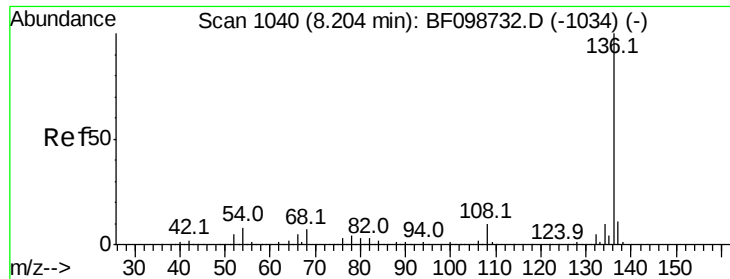
Ion Ratio Lower Upper

94 100

65 24.2 7.9 47.9

66 32.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF099194.D

Acq: 7 Oct 2017 15:10

Instrument :

BNA_F

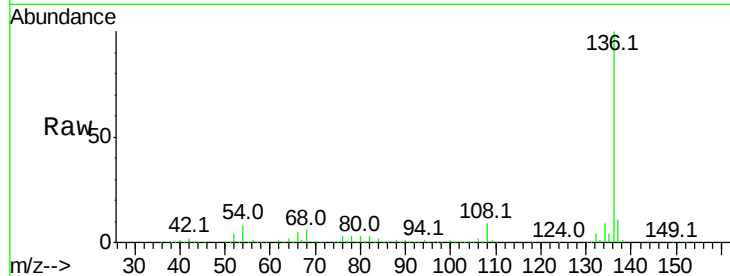
ClientSampled :

G54B-3-6

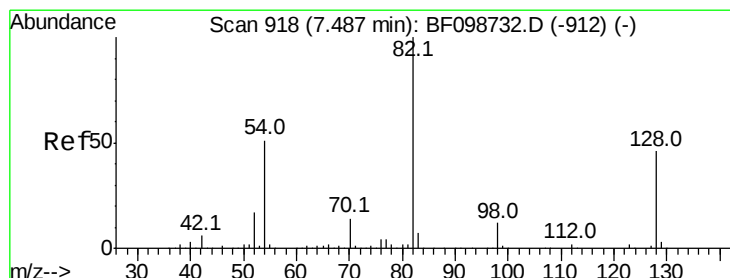
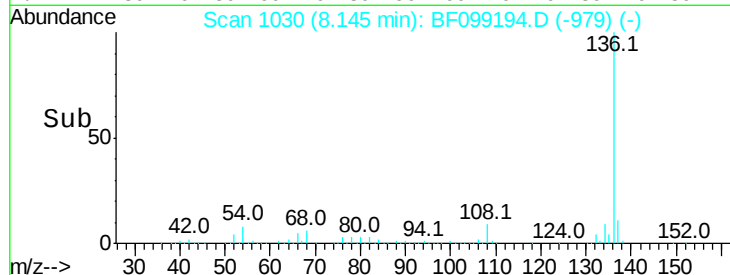
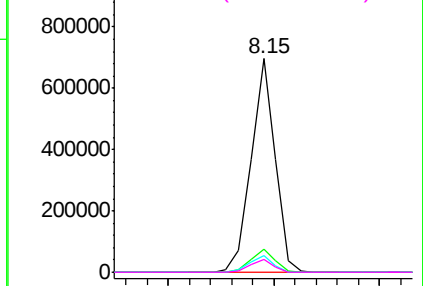
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	6.2	5.0	7.4

Manual Integrations
APPROVED

Sohil
10/9/2017 6:34:03 PM



Abundance Ion 136.00 (135.70 to 136.70): E



#23

Nitrobenzene-d5

Concen: 72.827 ng

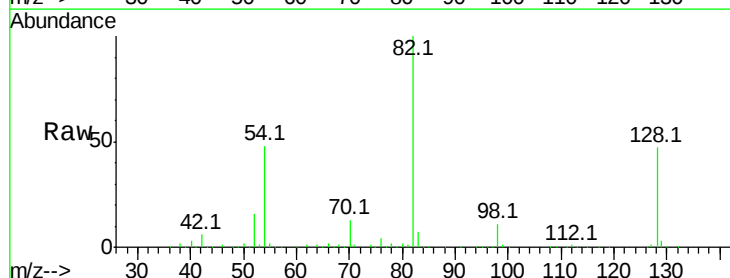
RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

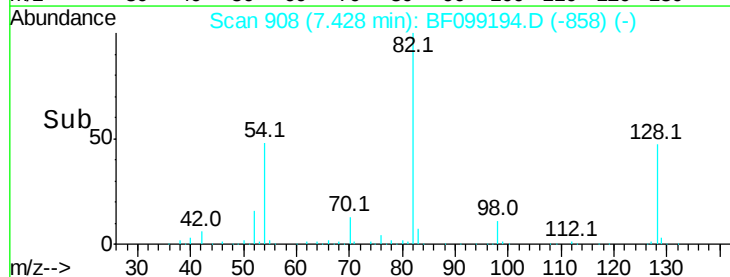
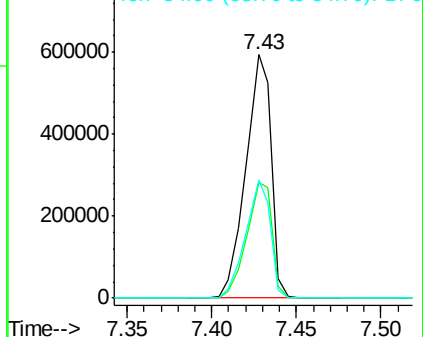
Lab File: BF099194.D

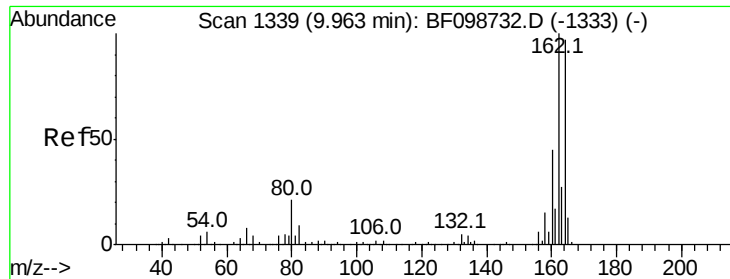
Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	47.4	36.1	54.1
54	48.3	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0





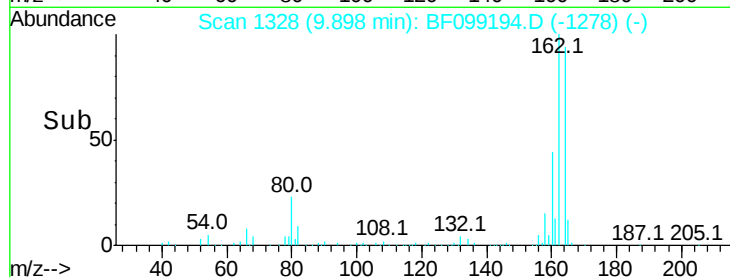
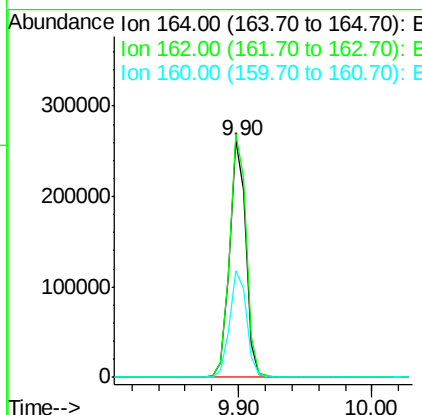
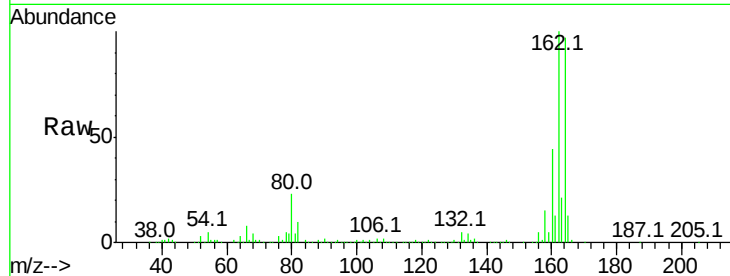
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :
G54B-3-6

Tot Ion	Ratio	Resp	Lower	Upper
164	100	226730		
162	102.8	86.1	129.1	
160	45.2	38.3	57.5	

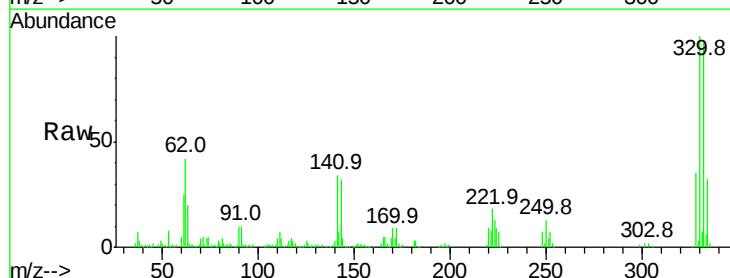
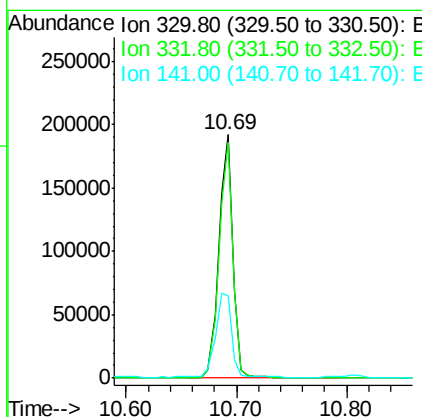
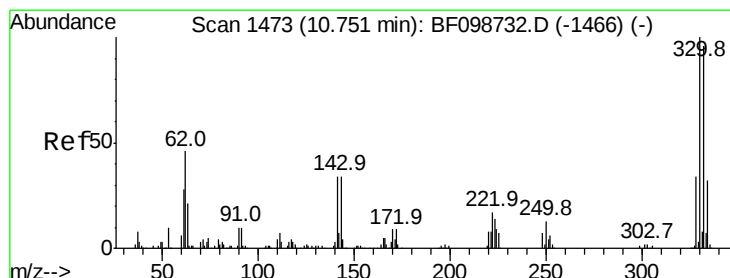
Manual Integrations
APPROVED

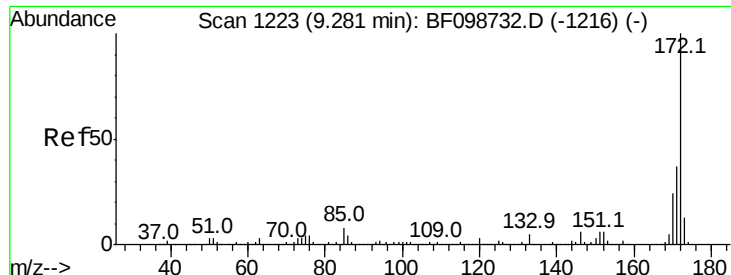
Sohil
10/9/2017 6:34:03 PM



#41
2,4,6-Tribromophenol
Concen: 91.295 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	169377		
332	96.1	77.0	115.6	
141	40.1	29.9	44.9	





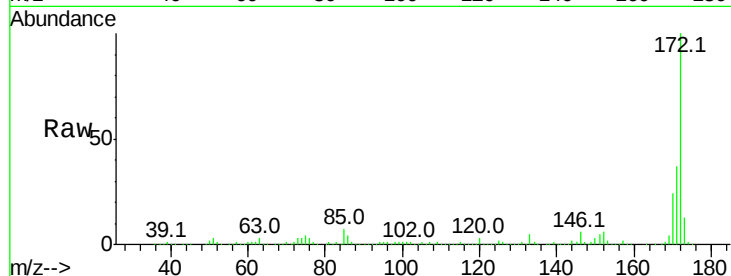
#44
2-Fluorobiphenyl
Concen: 80.816 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :
G54B-3-6

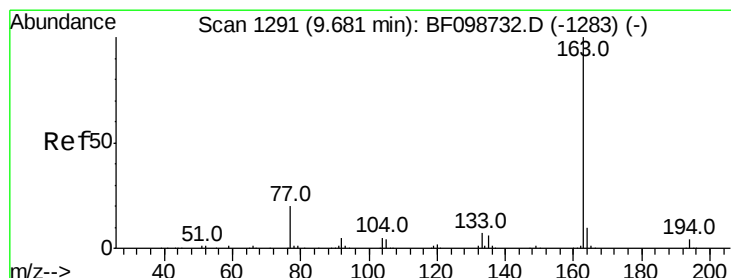
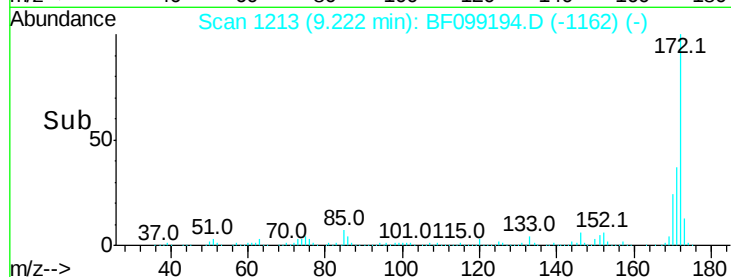
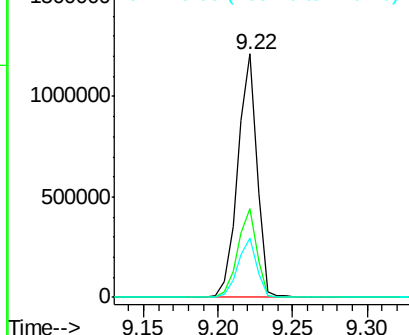
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

Manual Integrations
APPROVED

Sohil
10/9/2017 6:34:03 PM

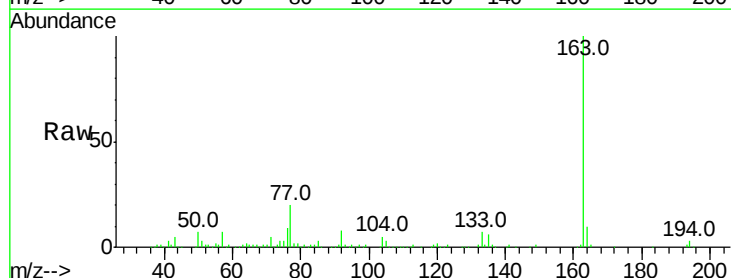


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

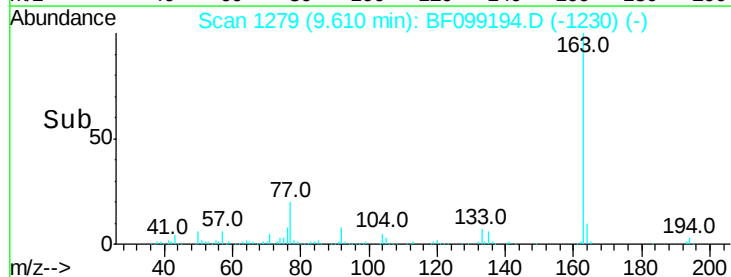
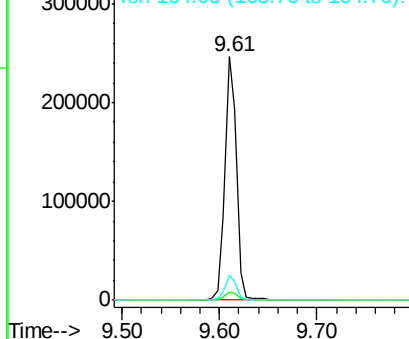


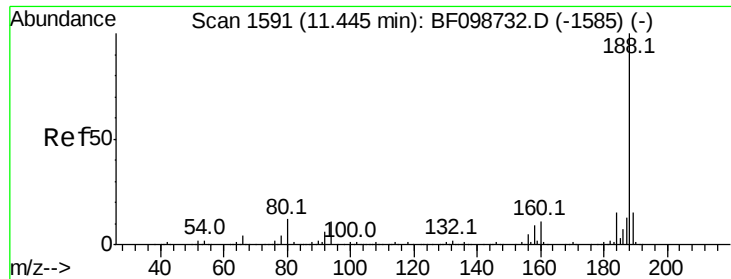
#49
Dimethylphthalate
Concen: 11.925 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





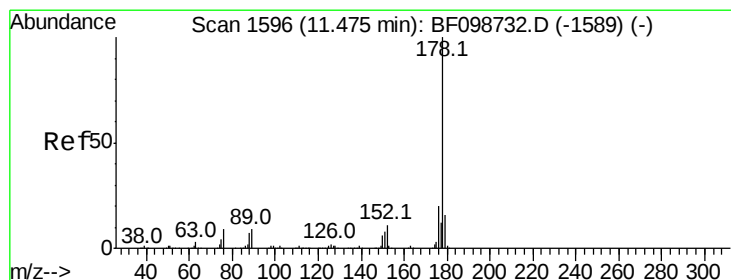
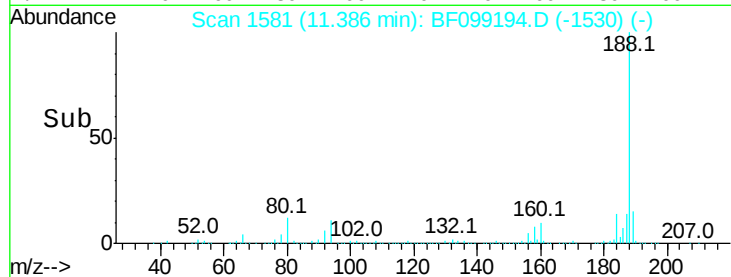
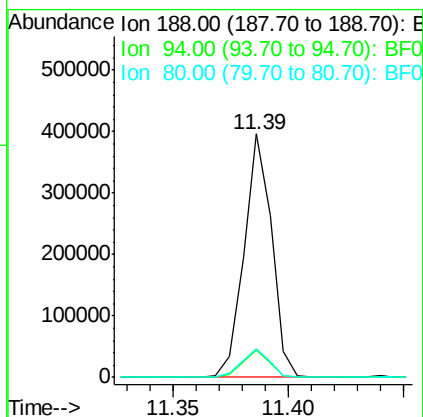
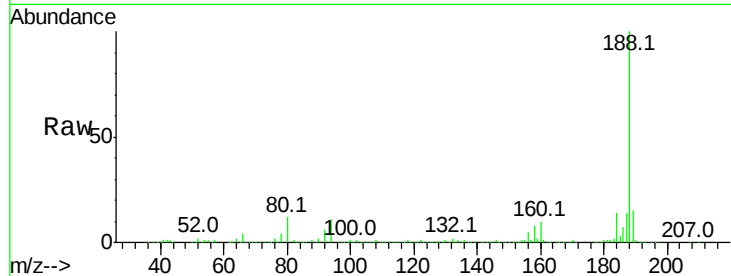
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Instrument :
BNA_F
ClientSampled :
G54B-3-6

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.6	9.2	13.8

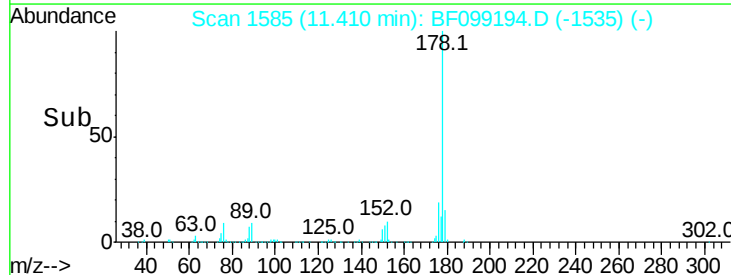
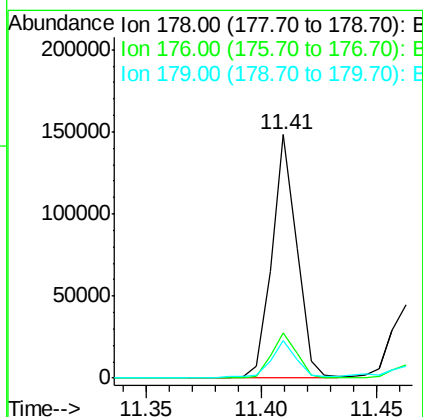
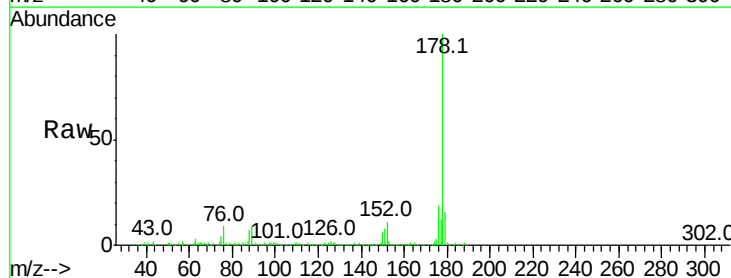
Manual Integrations
APPROVED

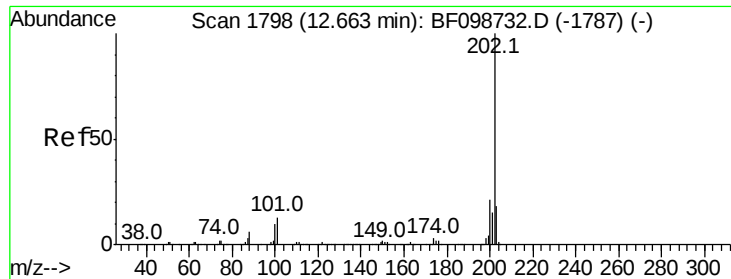
Sohil
10/9/2017 6:34:03 PM



#70
Phenanthrene
Concen: 6.282 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	13.0	19.6





#74

Fluoranthene

Concen: 9.342 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF099194.D

Acq: 7 Oct 2017 15:10

Instrument :

BNA_F

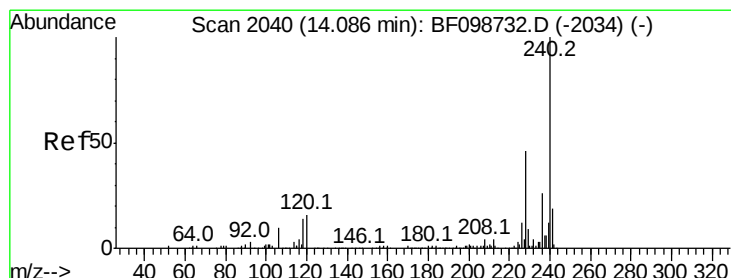
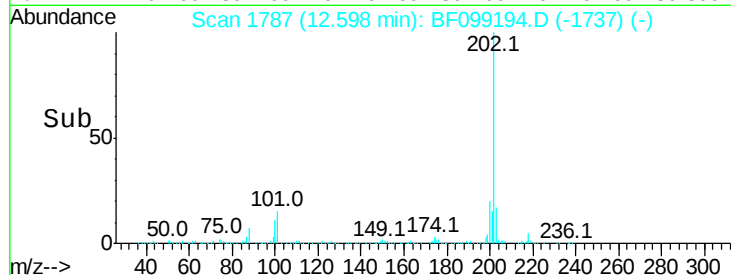
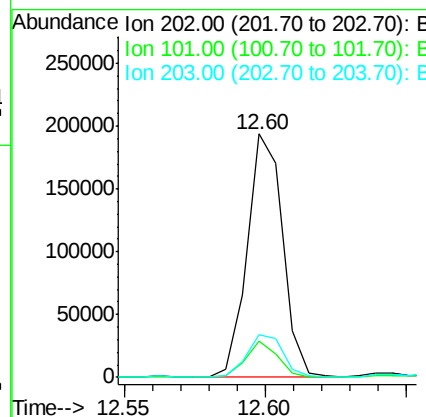
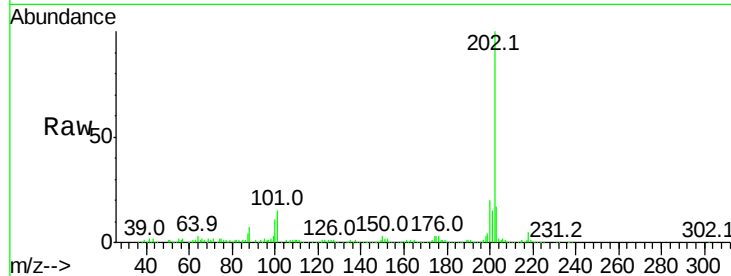
ClientSampled :

G54B-3-6

Tot Ion:	202	Resp:	167324
Ion Ratio		Lower	Upper
202	100		
101	15.0	0.0	34.1
203	17.4	0.0	38.1

Manual Integrations
APPROVED

Sohil
10/9/2017 6:34:03 PM



#75

Chrysene-d12

Concen: 20.000 ng

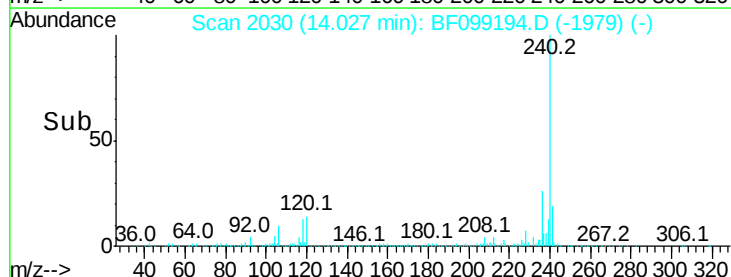
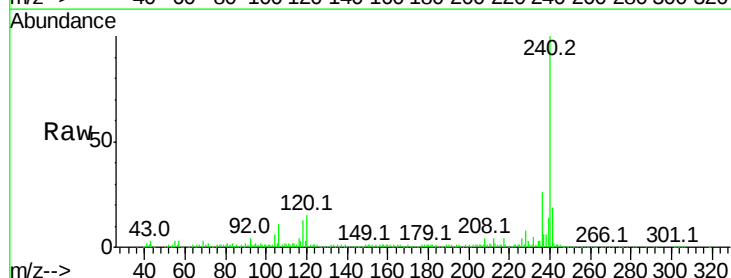
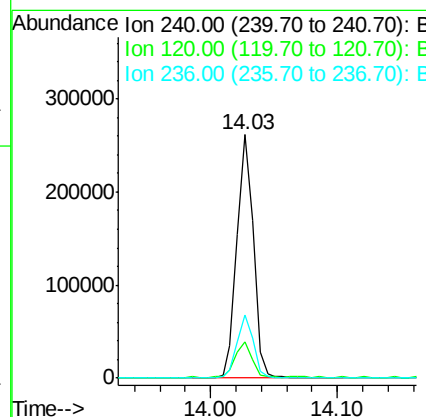
RT: 14.03 min Scan# 2030

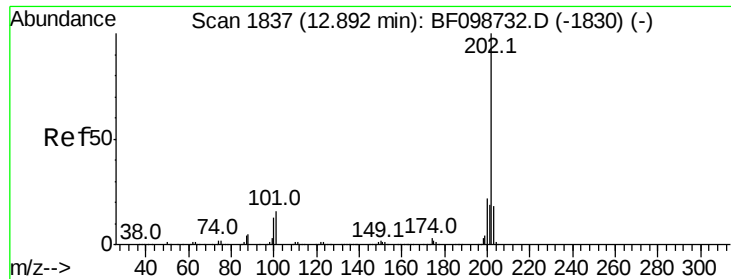
Delta R.T. -0.00 min

Lab File: BF099194.D

Acq: 7 Oct 2017 15:10

Tgt Ion:	240	Resp:	232594
Ion Ratio		Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	25.8	20.7	31.1





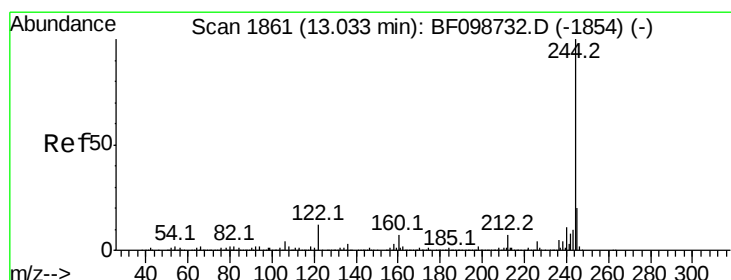
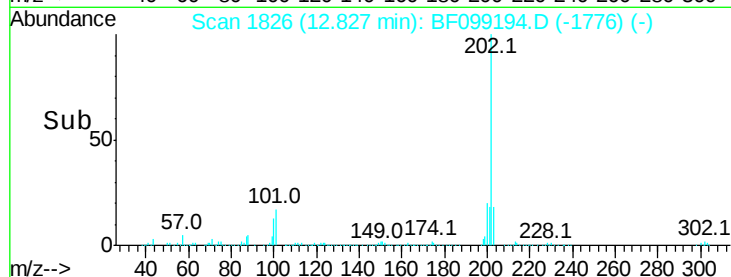
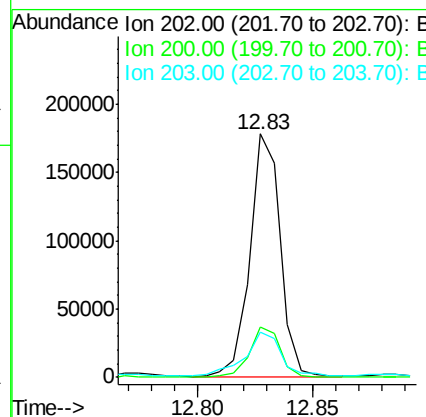
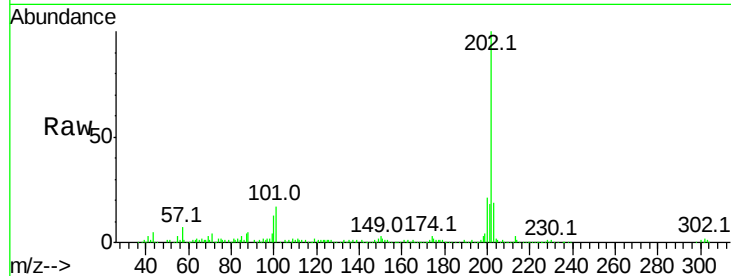
#77
Pvrene
Concen: 9.138 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :
G54B-3-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.5	14.3	21.5

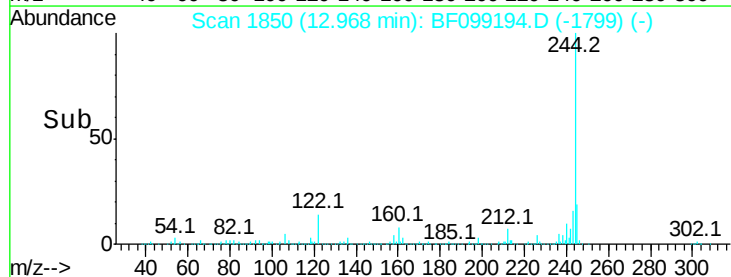
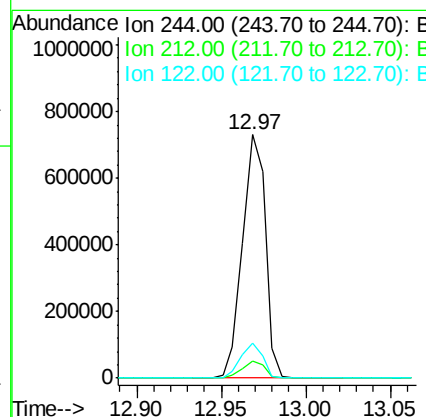
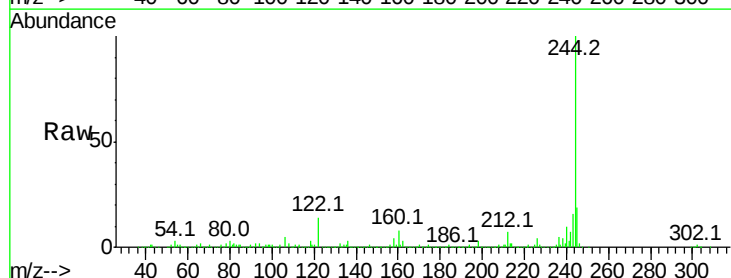
Manual Integrations
APPROVED

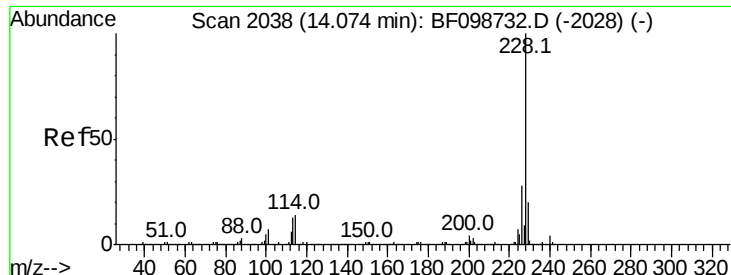
Sohil
10/9/2017 6:34:03 PM



#78
Terphenyl-d14
Concen: 67.748 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.4	11.0	16.4





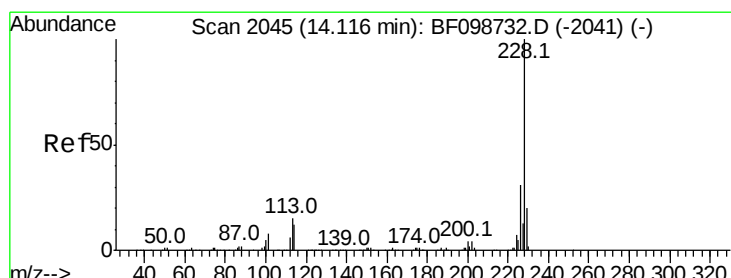
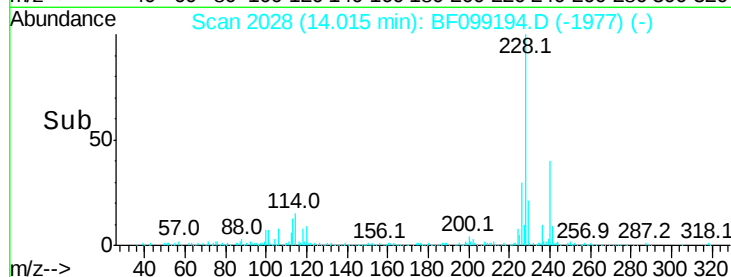
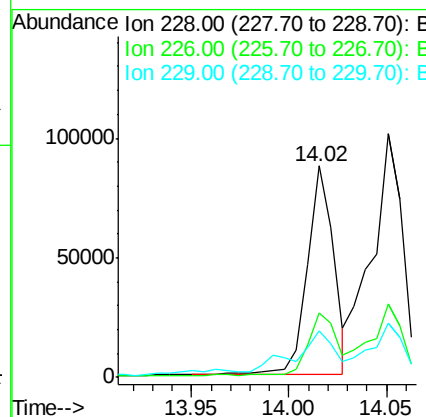
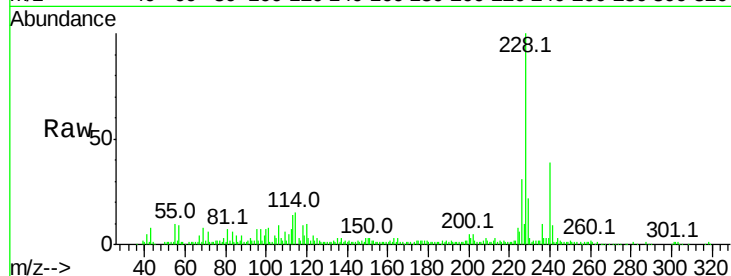
#80
Benzo(a)anthracene
Concen: 5.794 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Instrument :
BNA_F
ClientSampled :
G54B-3-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	22.0	15.8	23.6

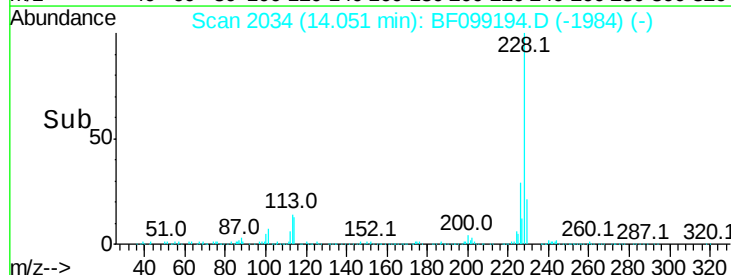
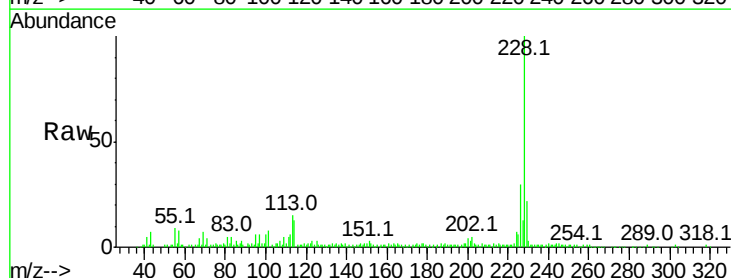
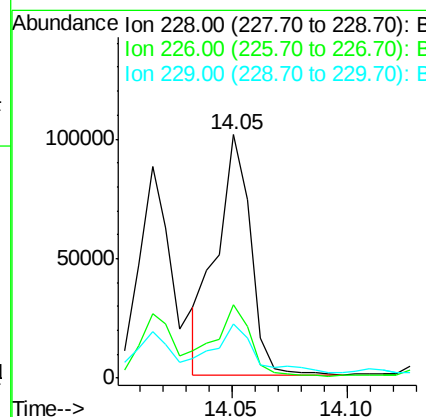
Manual Integrations
APPROVED

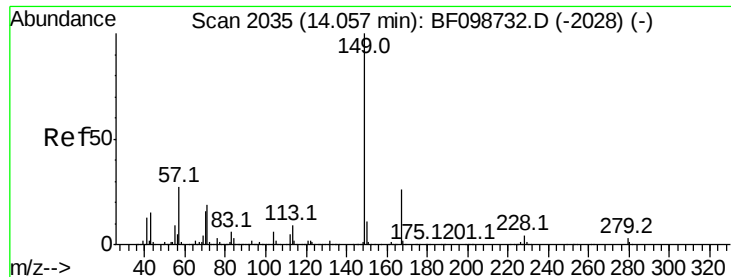
Sohil
10/9/2017 6:34:03 PM



#82
Chrysene
Concen: 7.621 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.4	16.2	24.4





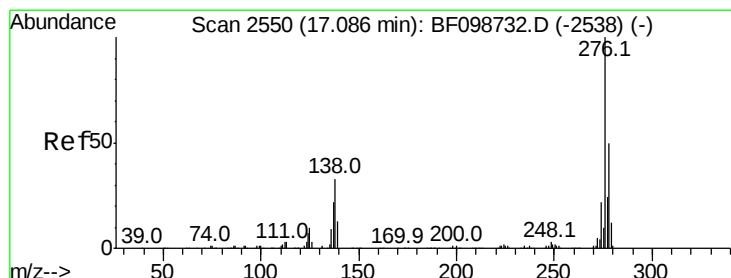
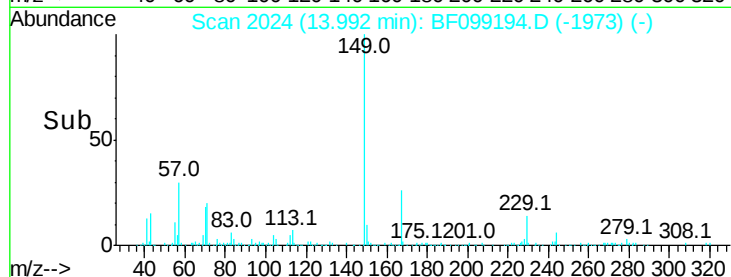
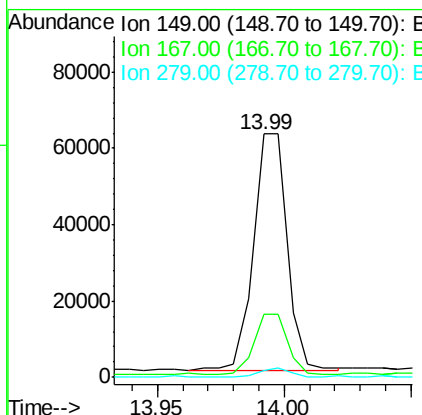
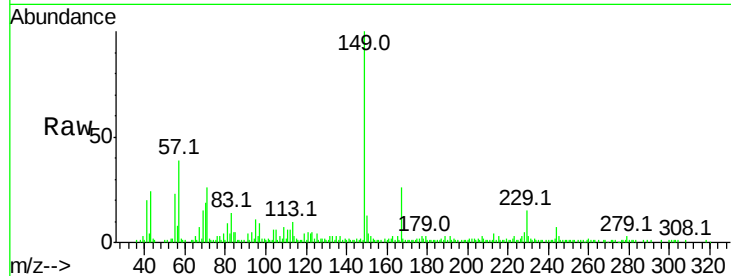
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.989 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF099194.D
 Acq: 7 Oct 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 G54B-3-6

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	2.9	3.0	4.4#

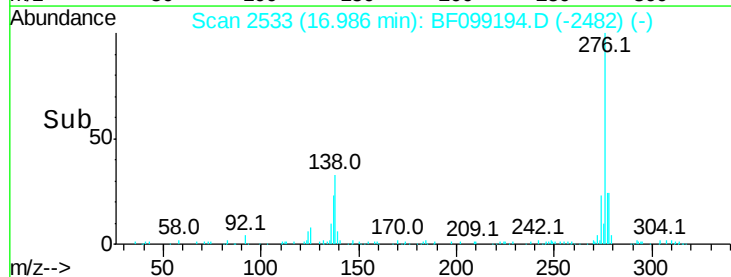
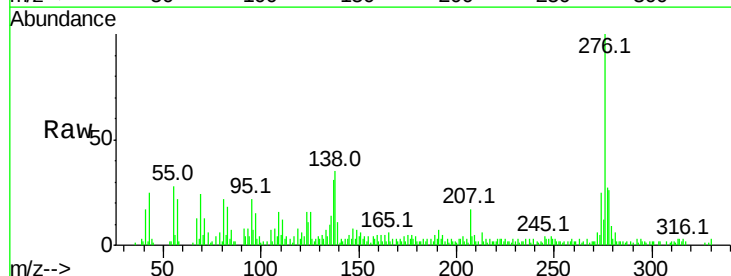
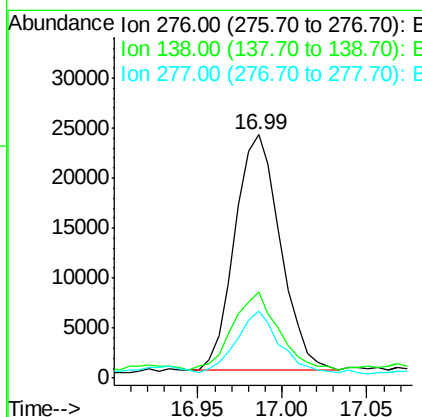
Manual Integrations
 APPROVED

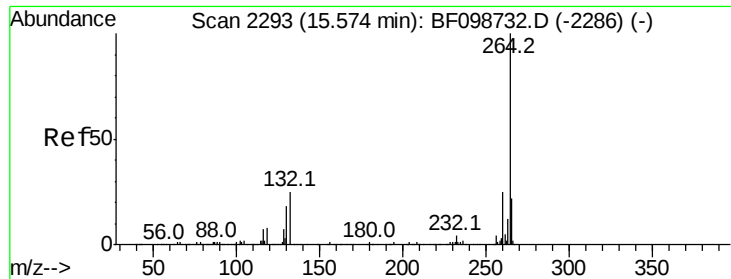
Sohil
 10/9/2017 6:34:03 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.113 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.00 min
 Lab File: BF099194.D
 Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.0	37.6
277	24.4	20.1	30.1





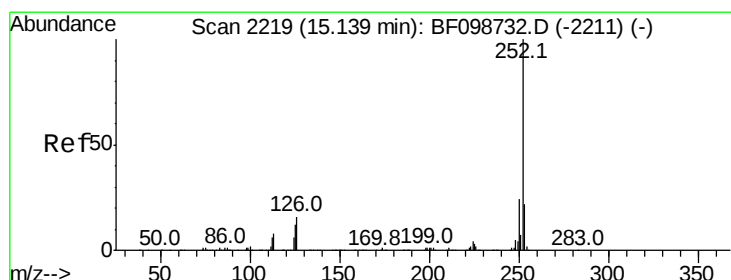
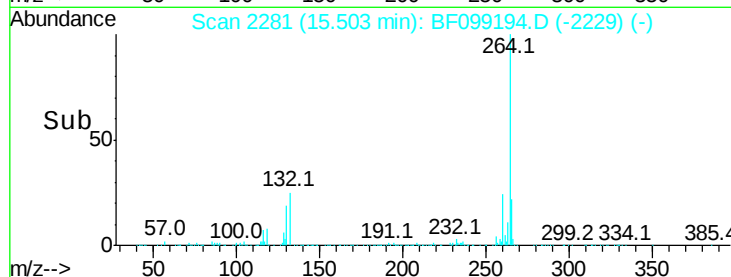
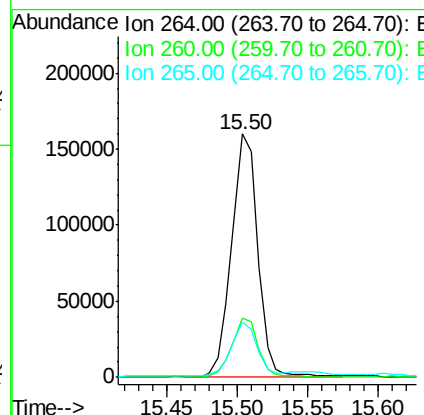
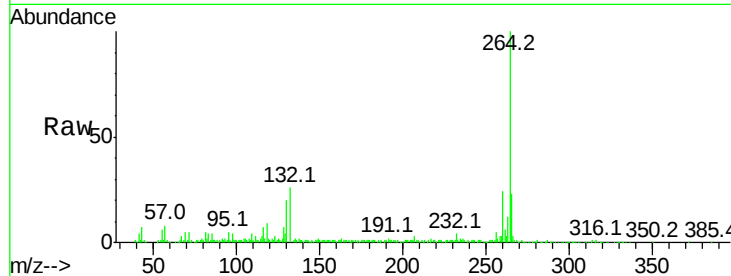
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :
G54B-3-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.6	17.5	26.3

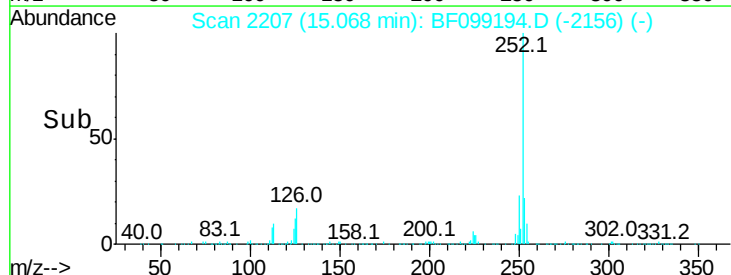
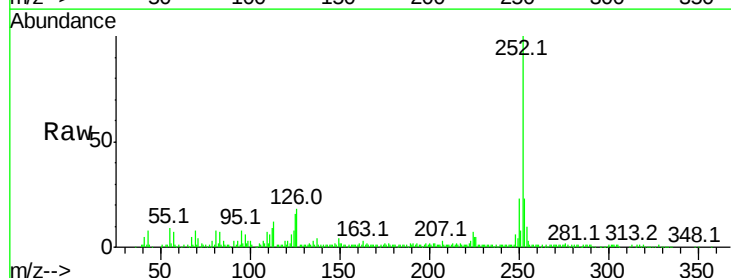
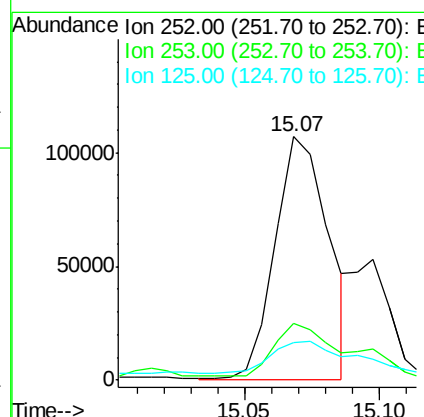
Manual Integrations
APPROVED

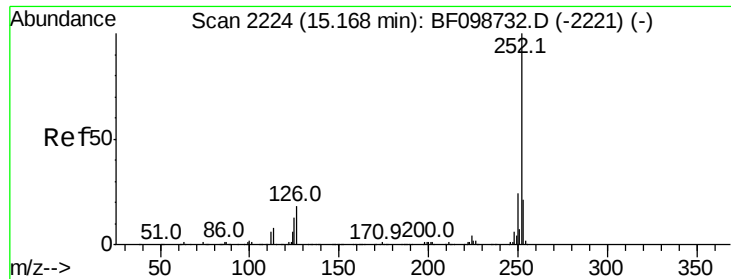
Sohil
10/9/2017 6:34:03 PM



#87
Benzo(b)fluoranthene
Concen: 11.770 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	15.5	9.0	13.6#





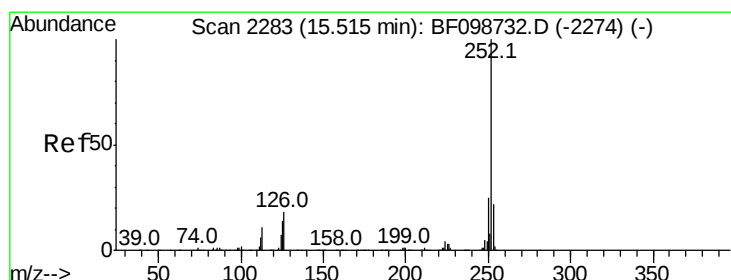
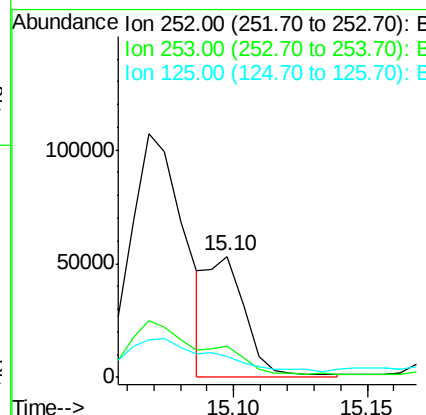
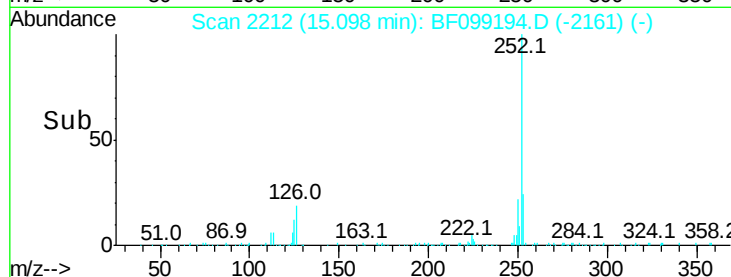
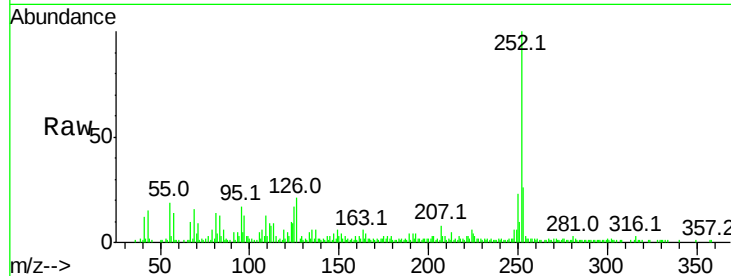
#88
Benzo(k)fluoranthene
Concen: 4.283 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Instrument :
BNA_F
ClientSampled :
G54B-3-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	17.3	10.2	15.2

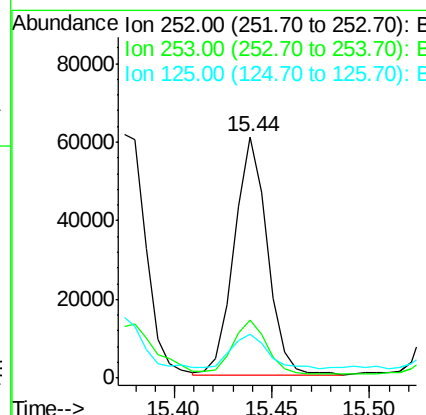
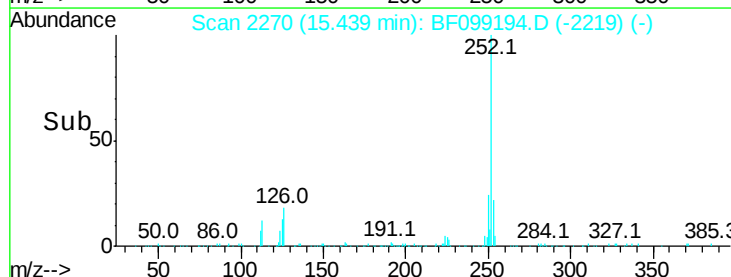
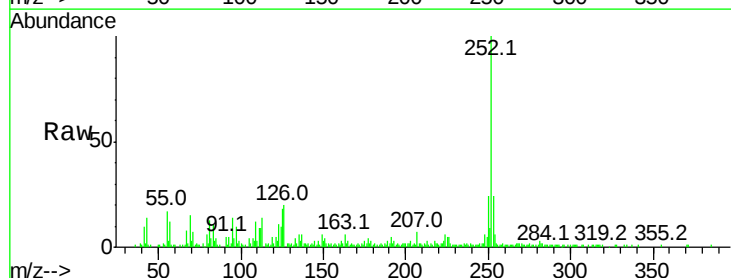
Manual Integrations
APPROVED

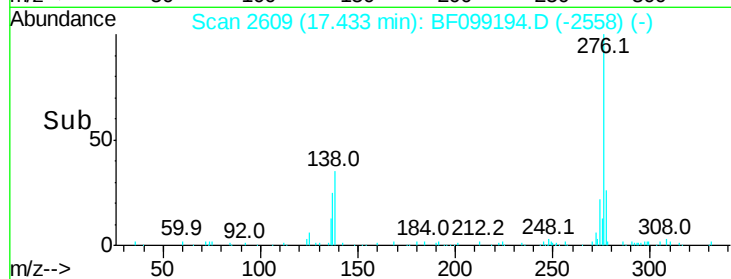
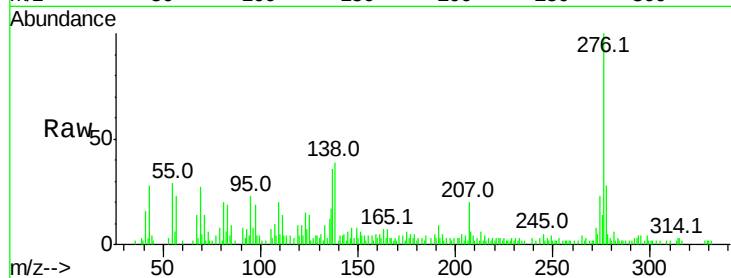
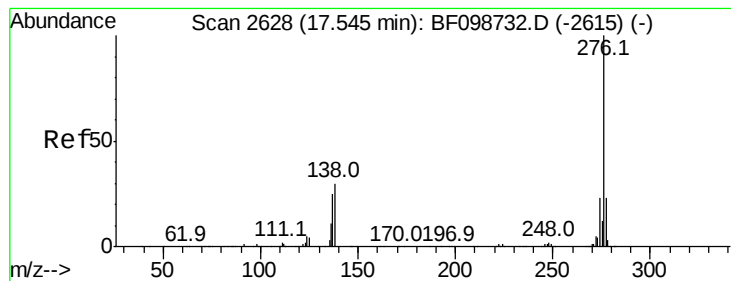
Sohil
10/9/2017 6:34:03 PM



#89
Benzo(a)pyrene
Concen: 6.137 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099194.D
Acq: 7 Oct 2017 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	18.5	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.449 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BF099194.D
 Acq: 7 Oct 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 G54B-3-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.0	17.9	26.9#
138	38.7	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:34:03 PM

