

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097119.D
 Acq On : 27 Jul 2017 13:43
 Operator : SJ/JU
 Sample : I4415-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-072417RE

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:46:39 PM

Quant Time: Jul 27 16:04:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 16:02:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	92326	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	376076	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	130258	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	184874	20.00	ng	0.00
75) Chrysene-d12	13.61	240	207777	20.00	ng	0.00
86) Perylene-d12	14.97	264	158396	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	583051	95.20	ng	0.00
7) Phenol-d6	6.15	99	701153	100.28	ng	0.00
23) Nitrobenzene-d5	7.05	82	425191	66.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	101400	98.53	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	651772	84.92	ng	0.00
78) Terphenyl-d14	12.57	244	419930	41.21	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.16	94	26671	3.216	ng	99
49) Dimethylphthalate	9.25	163	87503	8.846	ng	99
70) Phenanthrene	11.01	178	20956	2.116	ng	98
74) Fluoranthene	12.19	202	70040	7.218	ng	98
77) Pyrene	12.42	202	83716	4.922	ng	96
80) Benzo(a)anthracene	13.60	228	38873	2.891	ng	# 85
82) Chrysene	13.63	228	41171	3.136	ng	# 91
87) Benzo(b)fluoranthene	14.60	252	41980m	4.409	ng	
89) Benzo(a)pyrene	14.92	252	25077	2.878	ng	# 58

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

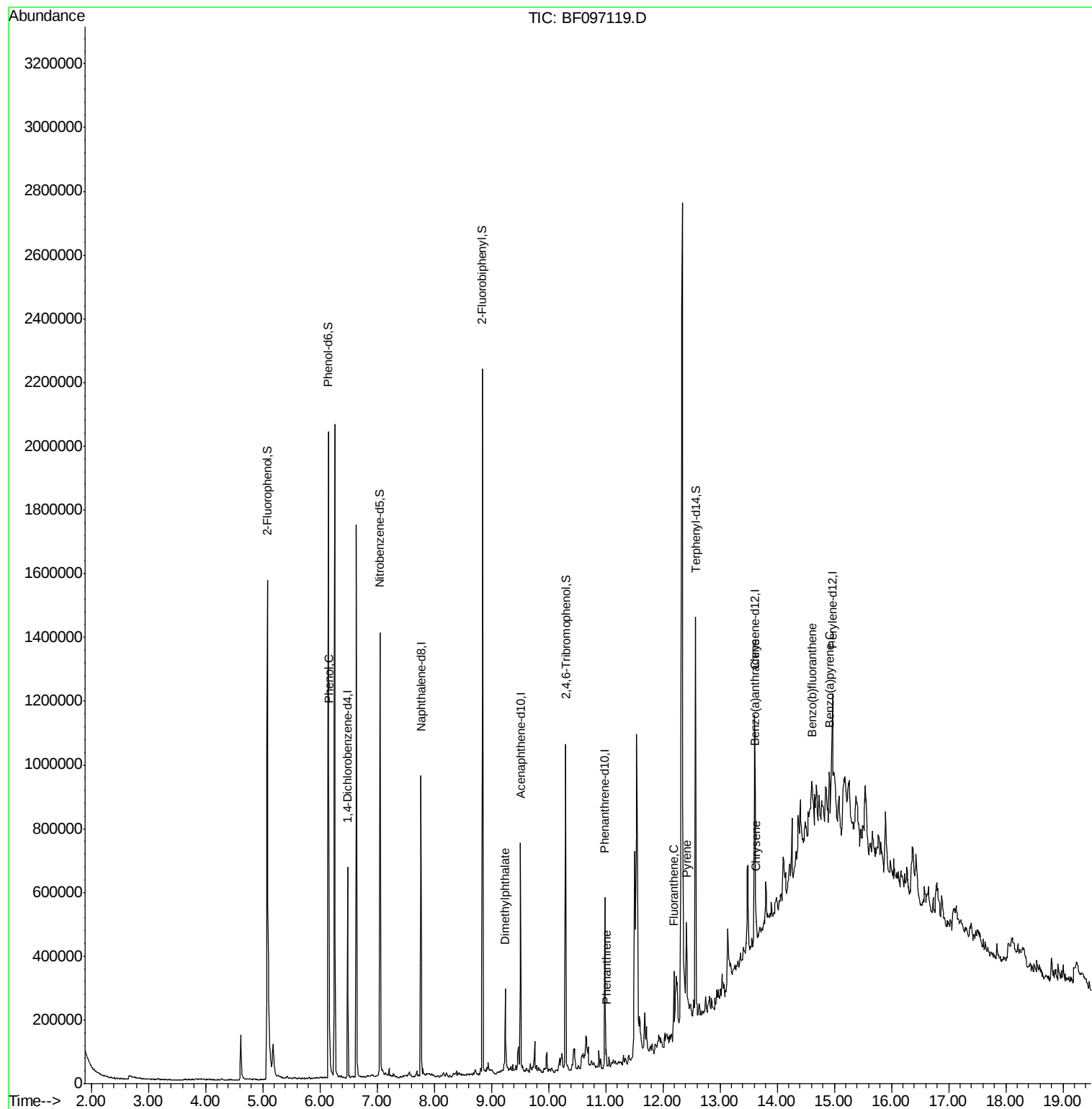
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097119.D
Acq On : 27 Jul 2017 13:43
Operator : SJ/JU
Sample : I4415-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

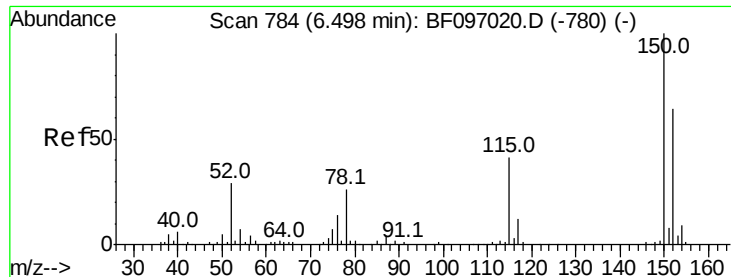
Instrument :
BNA_F
ClientSampleId :
SU-02-072417RE

Manual Integrations
APPROVED

Sohil
7/28/2017 4:46:39 PM

Quant Time: Jul 27 16:04:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 16:02:47 2017
Response via : Initial Calibration





#1

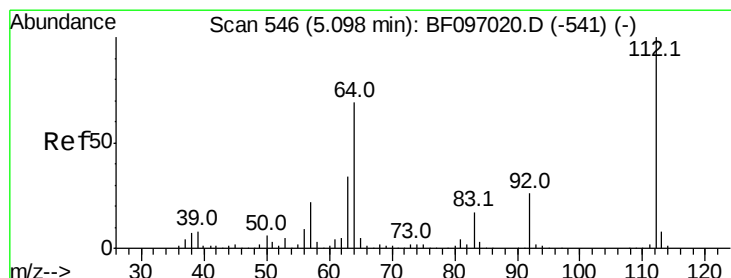
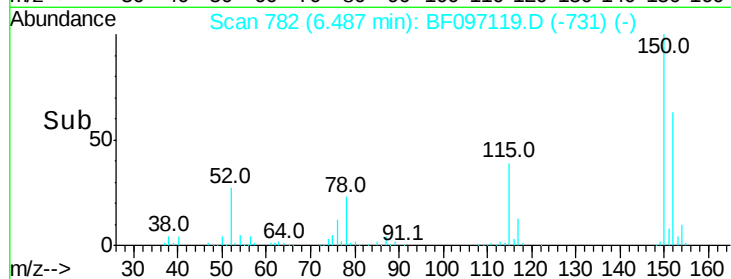
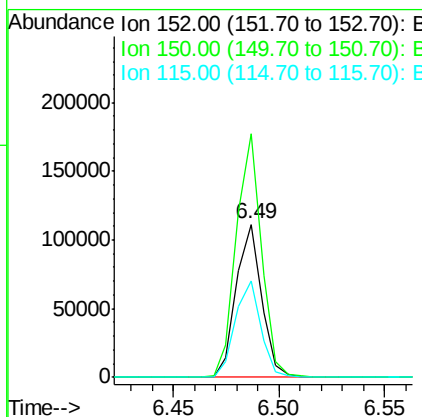
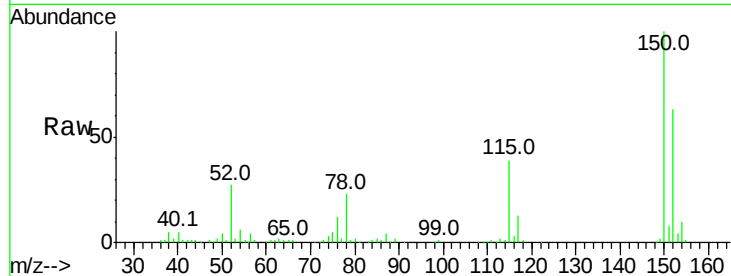
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SU-02-072417RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	62.7	52.2	78.2

Manual Integrations
APPROVED

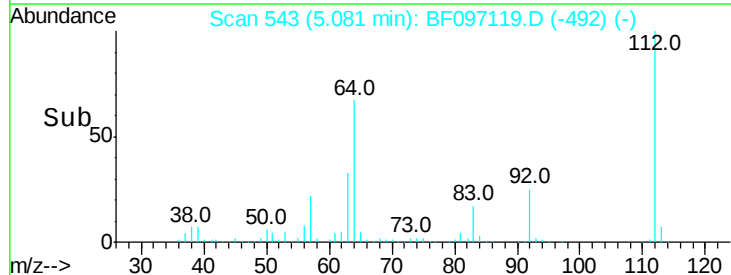
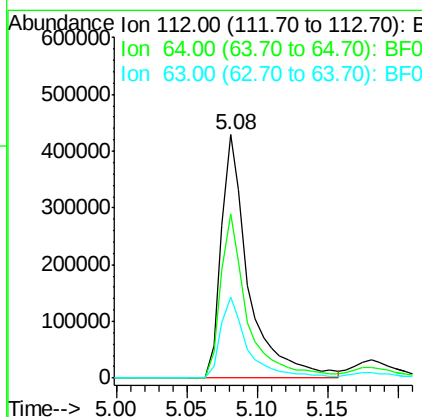
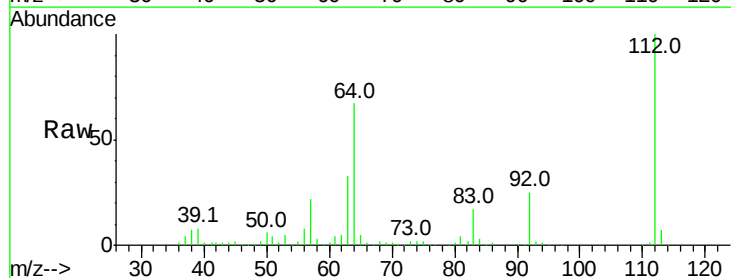
Sohil
7/28/2017 4:46:39 PM

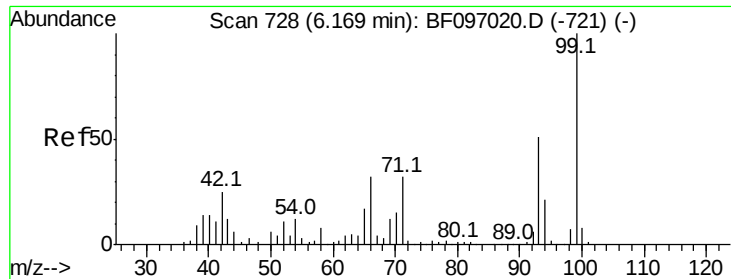


#5

2-Fluorophenol
Concen: 95.200 ng
RT: 5.08 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	33.2	23.4	35.0





#7

Phenol-d6

Concen: 100.282 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF097119.D

Acq: 27 Jul 2017 13:43

Instrument :

BNA_F

ClientSampleId :

SU-02-072417RE

Tot Ion: 99 Resp: 701153

Ion Ratio Lower Upper

99 100

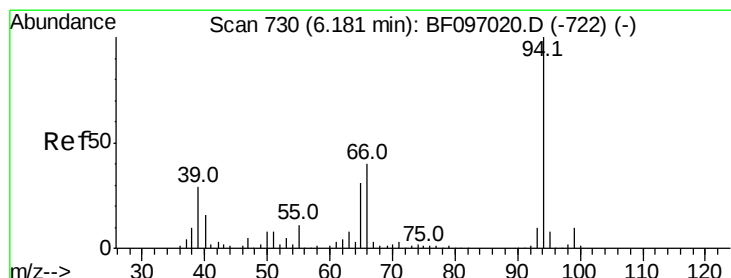
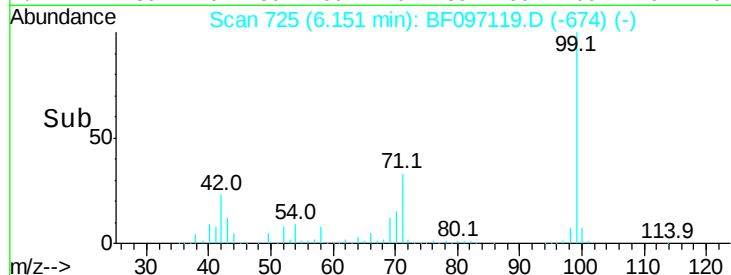
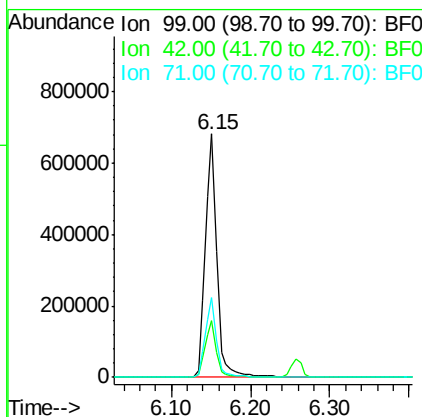
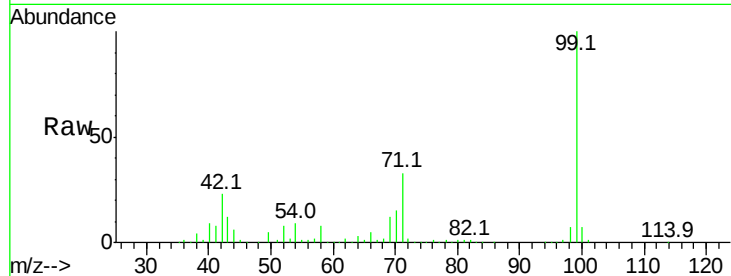
42 23.3 13.5 20.3#

71 32.8 24.5 36.7

Manual Integrations
APPROVED

Sohil

7/28/2017 4:46:39 PM



#10

Phenol

Concen: 3.216 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097119.D

Acq: 27 Jul 2017 13:43

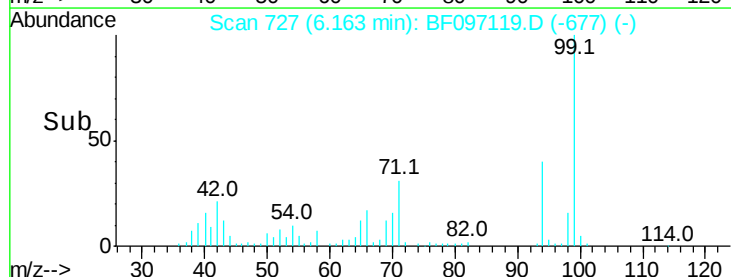
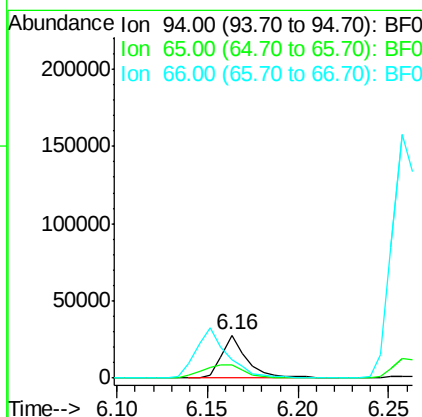
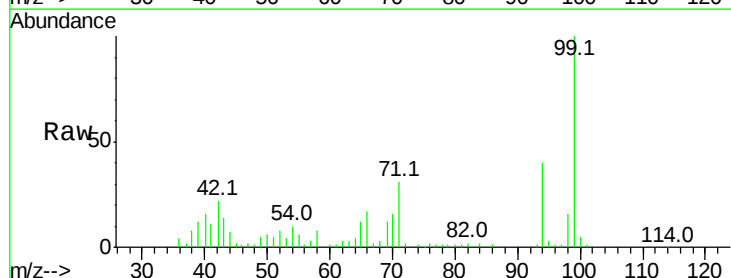
Tgt Ion: 94 Resp: 26671

Ion Ratio Lower Upper

94 100

65 30.5 9.9 49.9

66 43.8 23.1 63.1





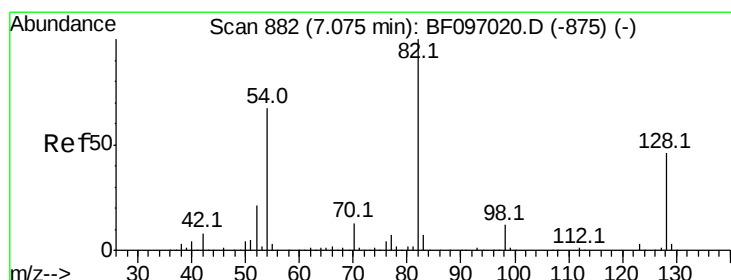
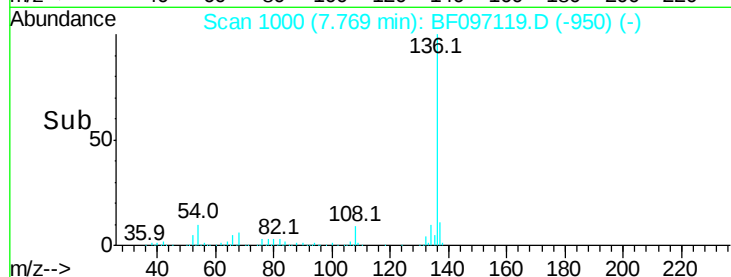
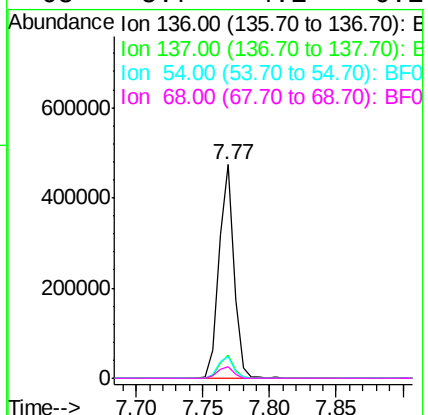
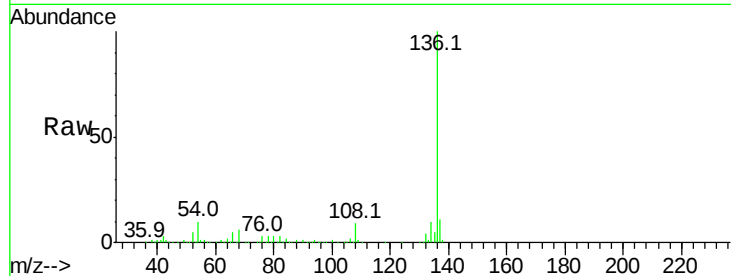
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SU-02-072417RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.5	12.7	
54	10.5	4.9	7.3#	
68	5.7	4.1	6.1	

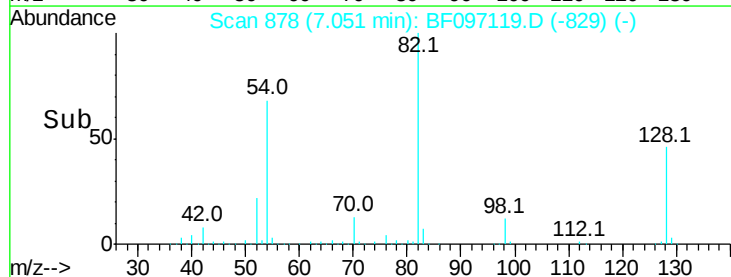
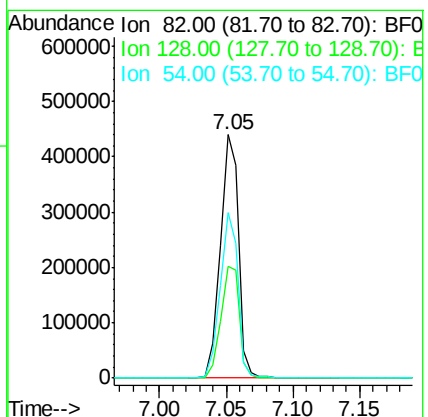
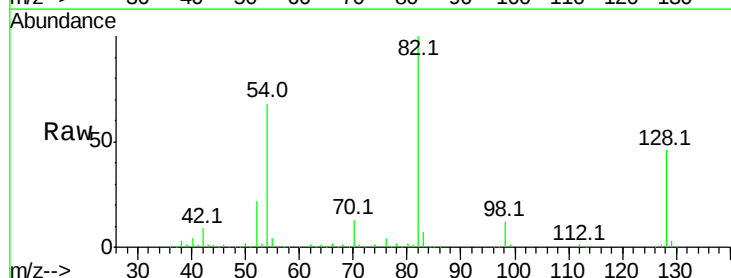
Manual Integrations
APPROVED

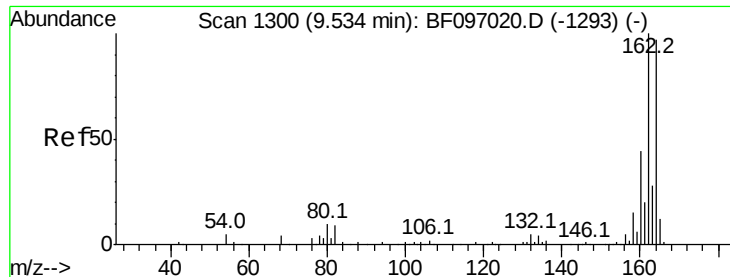
Sohil
7/28/2017 4:46:39 PM



#23
Nitrobenzene-d5
Concen: 66.325 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	34.0	51.0	
54	68.0	42.2	63.2#	





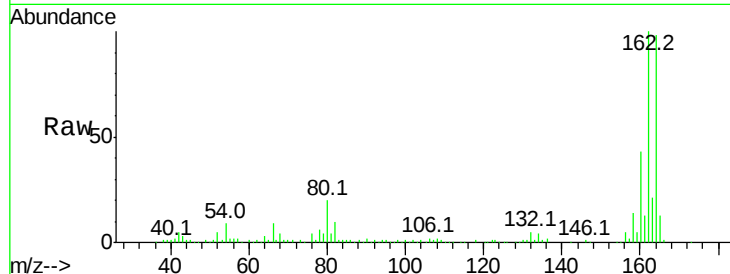
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SU-02-072417RE

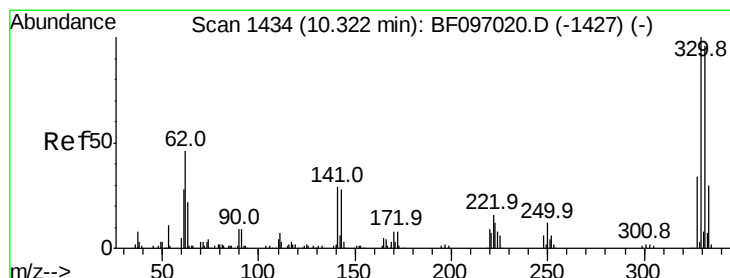
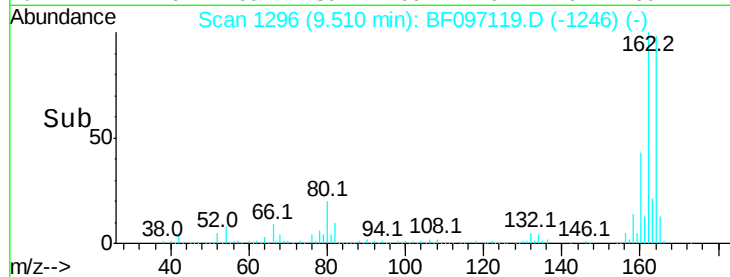
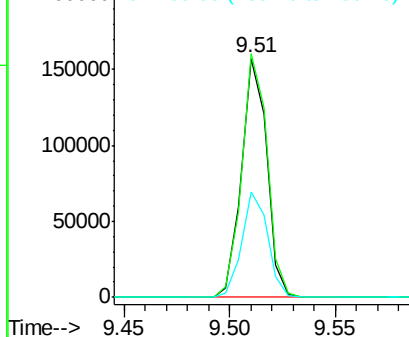
Tot Ion	Ratio	Resp	Lower	Upper
164	100	130258		
162	101.8	82.6	123.8	
160	44.1	36.2	54.2	

Manual Integrations
APPROVED

Sohil
7/28/2017 4:46:39 PM

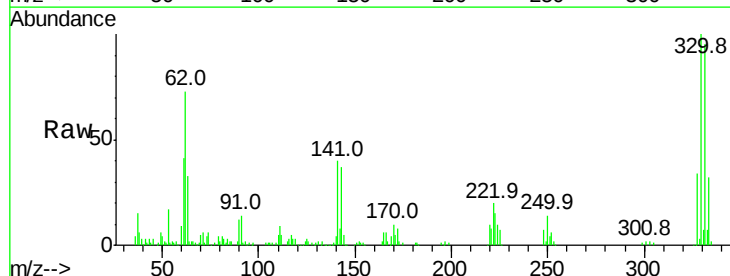


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

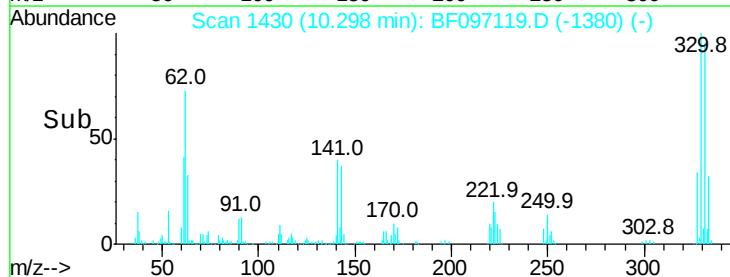
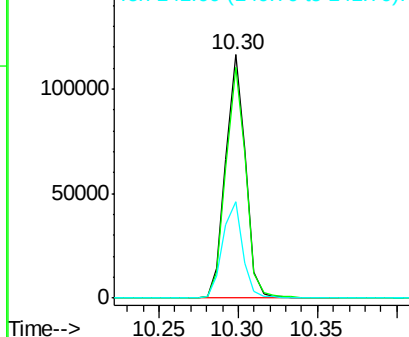


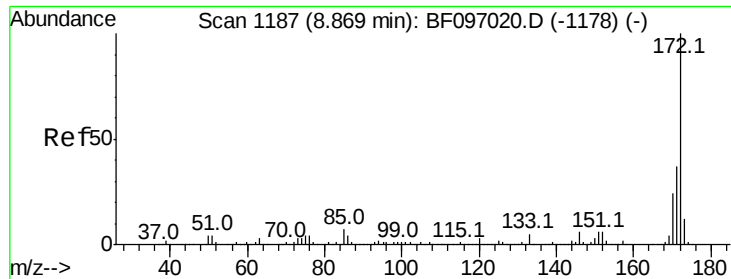
#41
2,4,6-Tribromophenol
Concen: 98.527 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	101400		
332	94.8	76.6	115.0	
141	40.9	31.4	47.2	



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





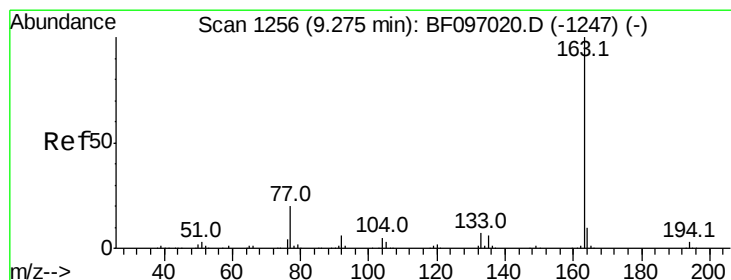
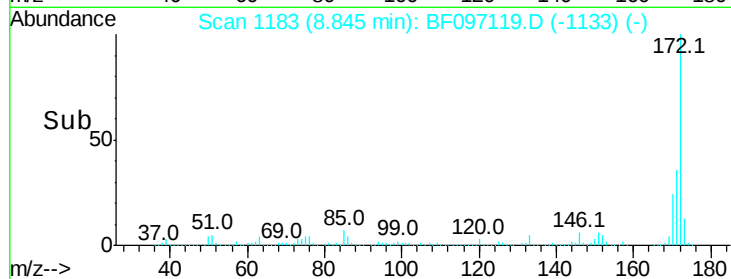
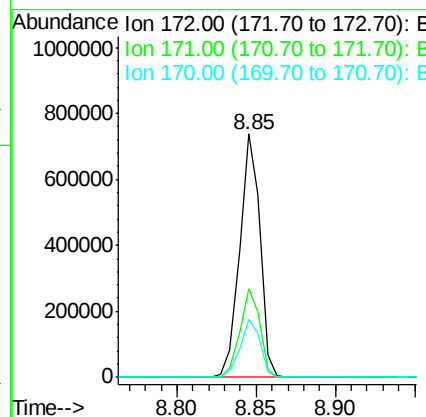
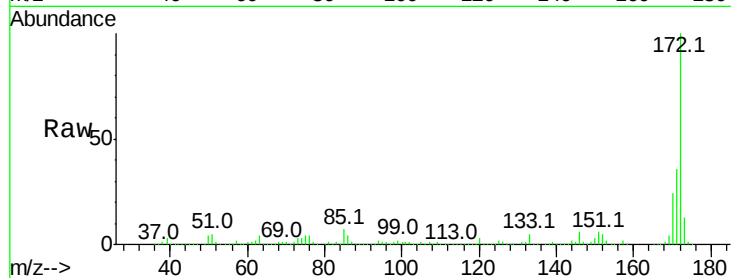
#44
2-Fluorobiphenyl
Concen: 84.918 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SU-02-072417RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.6	19.8	29.8

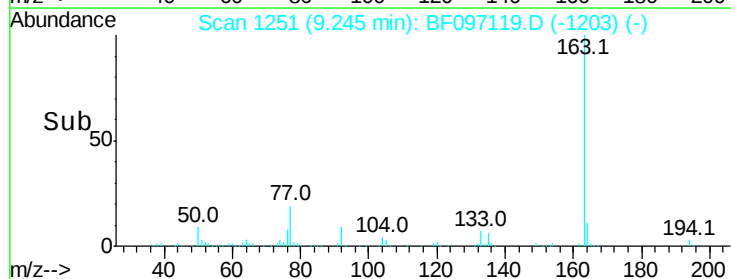
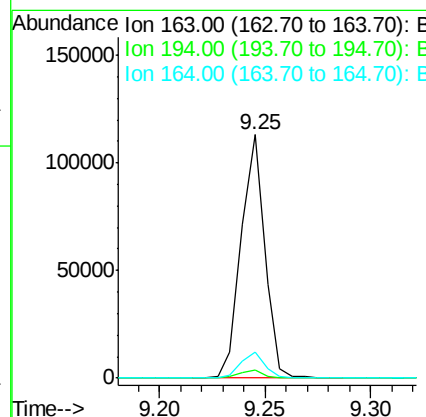
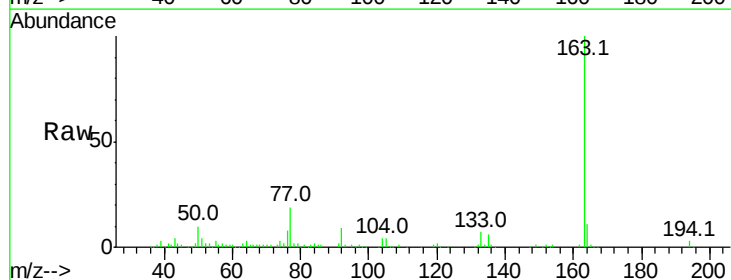
Manual Integrations
APPROVED

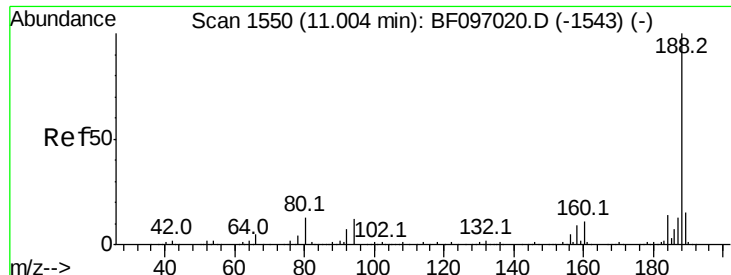
Sohil
7/28/2017 4:46:39 PM



#49
Dimethylphthalate
Concen: 8.846 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.9	8.4	12.6





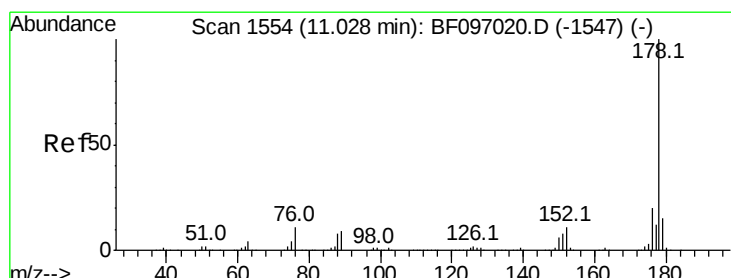
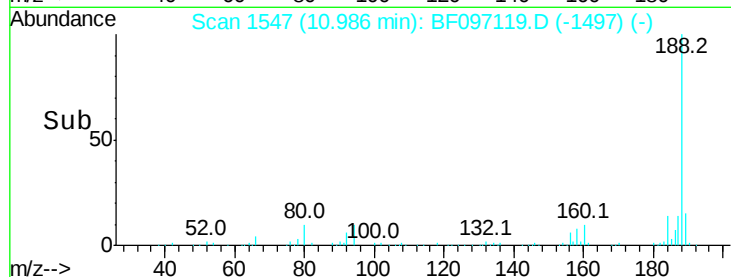
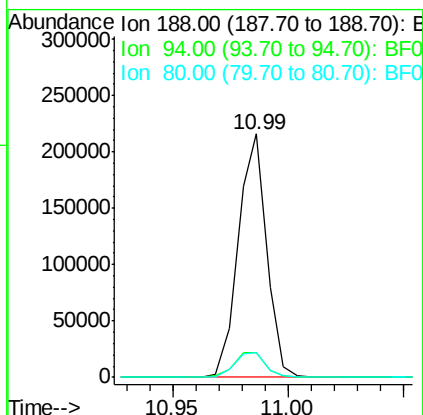
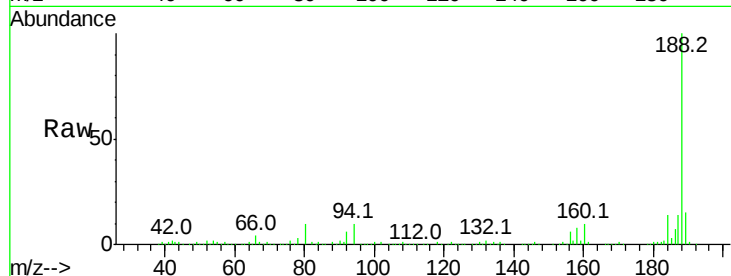
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SU-02-072417RE

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	9.4	14.2
80	10.0	10.2	15.2#

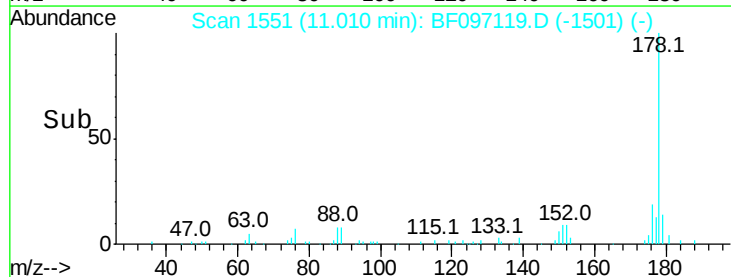
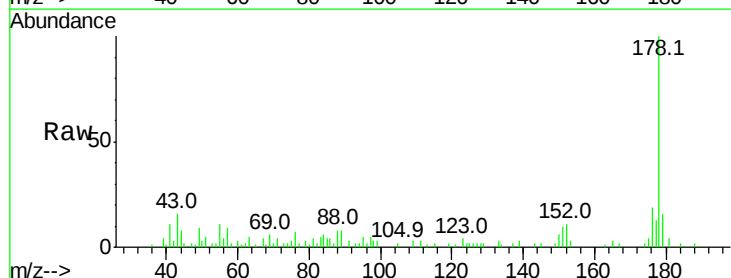
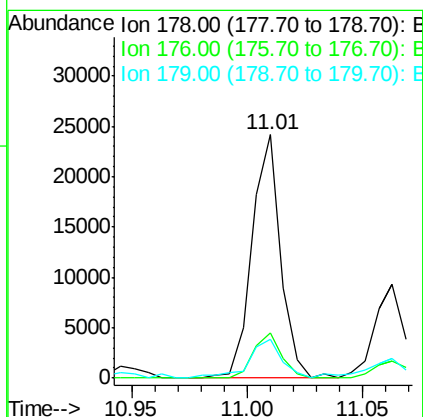
Manual Integrations
APPROVED

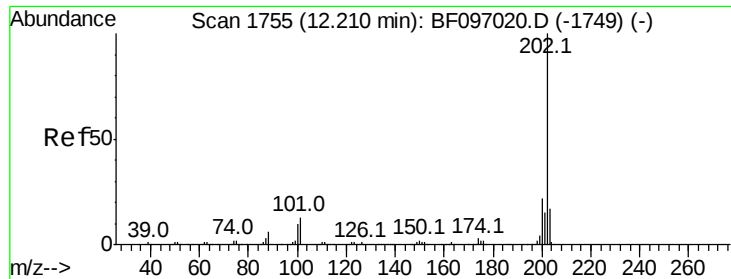
Sohil
7/28/2017 4:46:39 PM



#70
Phenanthrene
Concen: 2.116 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	16.2	24.4
179	15.8	12.6	19.0





#74

Fluoranthene

Concen: 7.218 ng

RT: 12.19 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BF097119.D

Acq: 27 Jul 2017 13:43

Instrument :

BNA_F

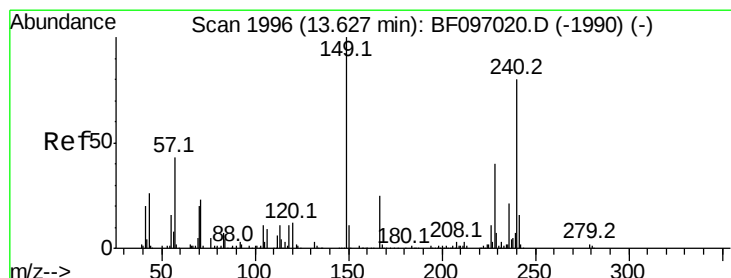
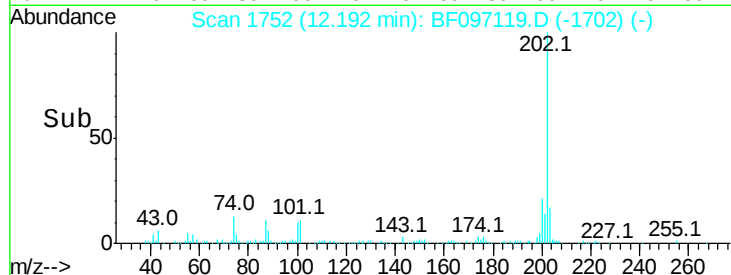
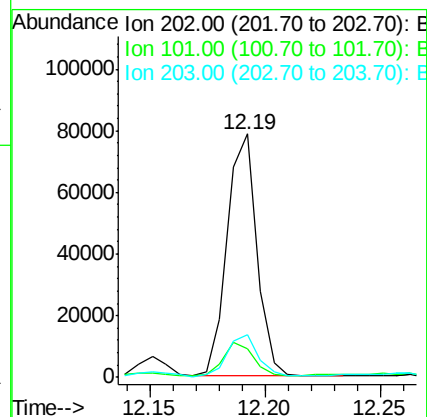
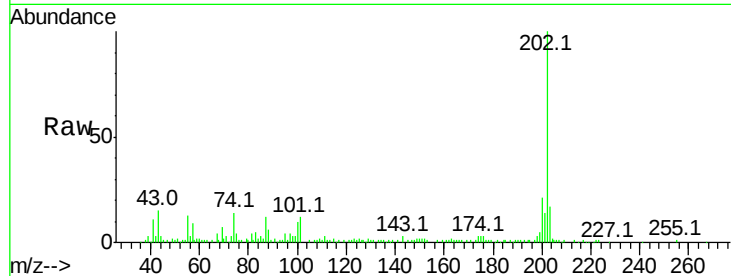
ClientSampleId :

SU-02-072417RE

Tot Ion:	202	Resp:	70040
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.2
203	17.4	0.0	38.1

Manual Integrations
APPROVED

Sohil
7/28/2017 4:46:39 PM



#75

Chrysene-d12

Concen: 20.000 ng

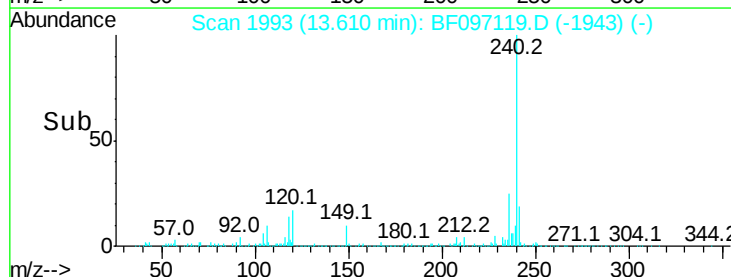
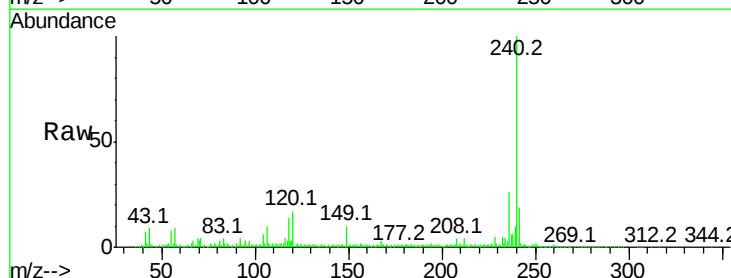
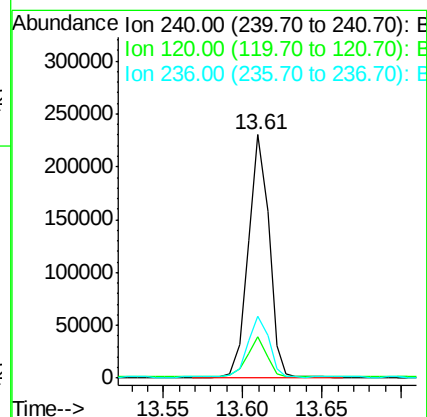
RT: 13.61 min Scan# 1993

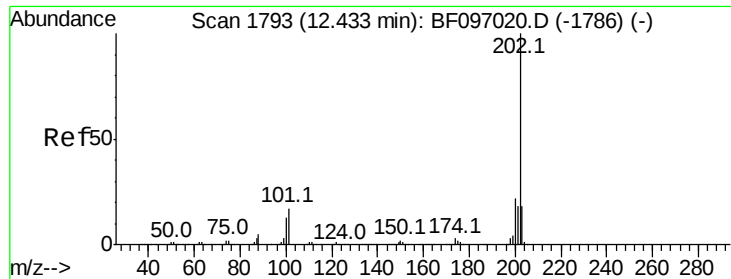
Delta R.T. -0.01 min

Lab File: BF097119.D

Acq: 27 Jul 2017 13:43

Tgt Ion:	240	Resp:	207777
Ion Ratio	Lower	Upper	
240	100		
120	17.1	5.8	8.8#
236	25.5	20.5	30.7





#77

Pvrene

Concen: 4.922 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF097119.D

Acq: 27 Jul 2017 13:43

Instrument :

BNA_F

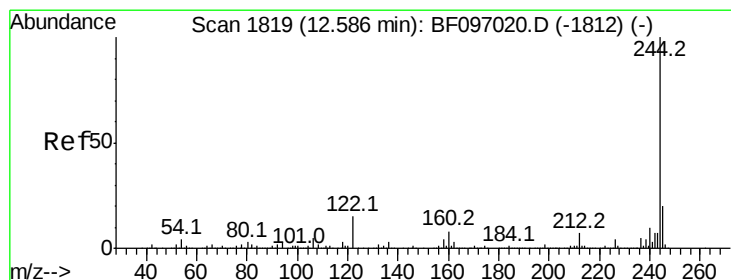
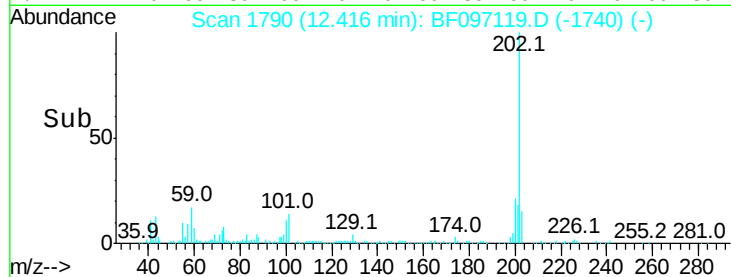
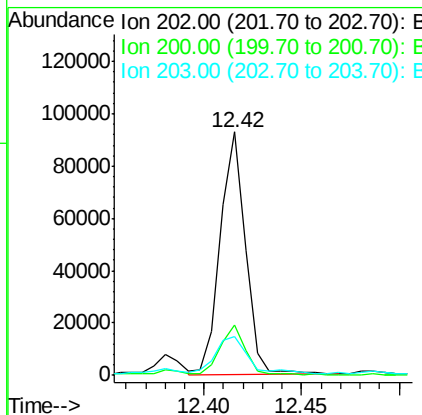
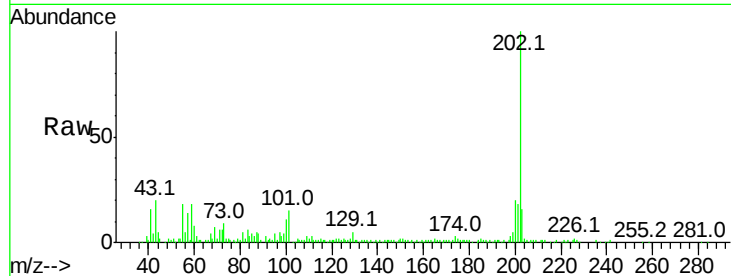
ClientSampleId :

SU-02-072417RE

Tot Ion:	202	Resp:	83716
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.6	26.4
203	15.9	14.4	21.6

Manual Integrations
APPROVED

Sohil
7/28/2017 4:46:39 PM



#78

Terphenyl-d14

Concen: 41.206 ng

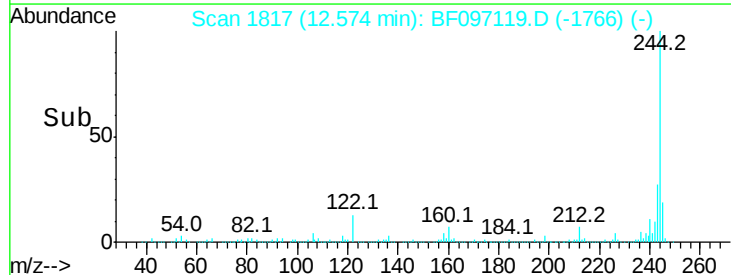
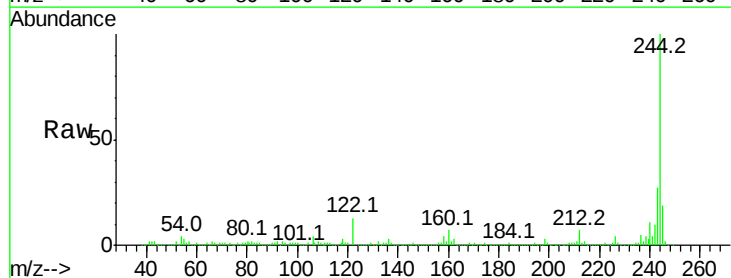
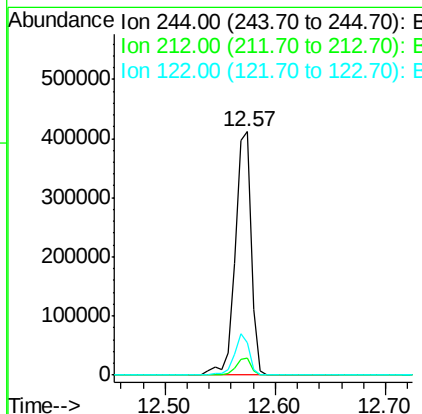
RT: 12.57 min Scan# 1817

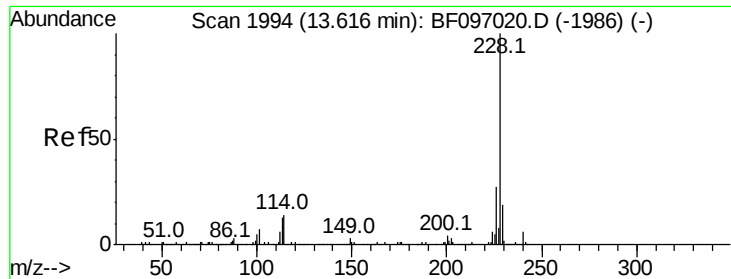
Delta R.T. 0.00 min

Lab File: BF097119.D

Acq: 27 Jul 2017 13:43

Tgt Ion:	244	Resp:	419930
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	13.3	10.3	15.5





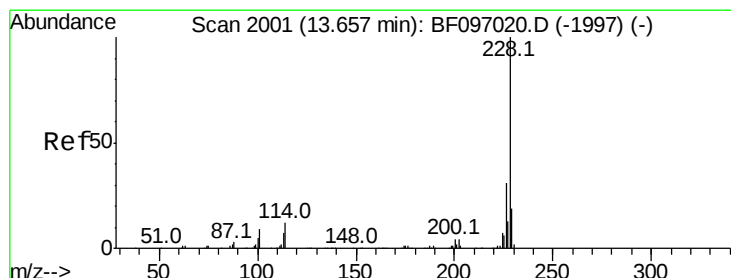
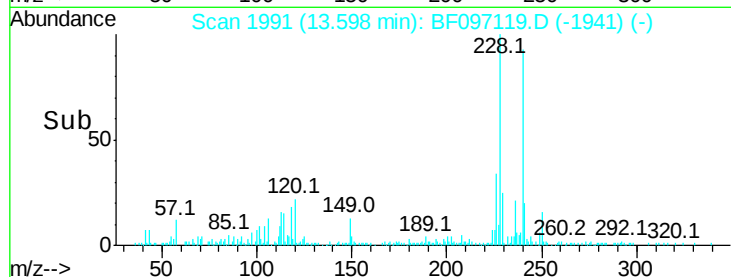
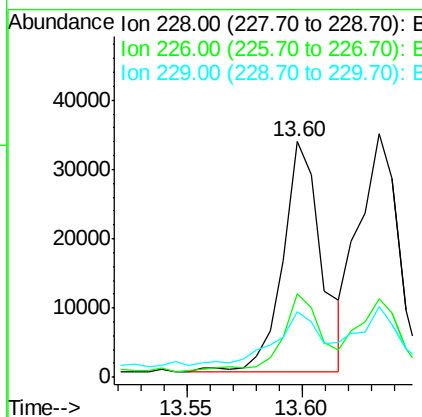
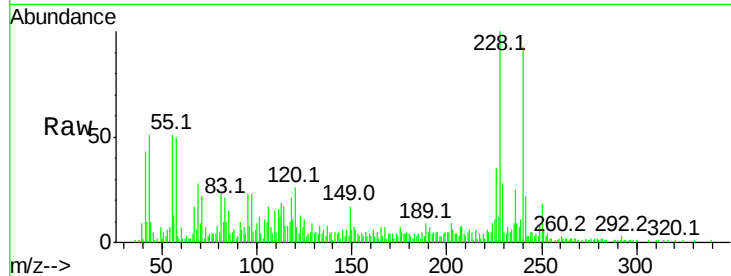
#80
Benzo(a)anthracene
Concen: 2.891 ng
RT: 13.60 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SU-02-072417RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.3	22.6	33.8#
229	28.0	16.3	24.5#

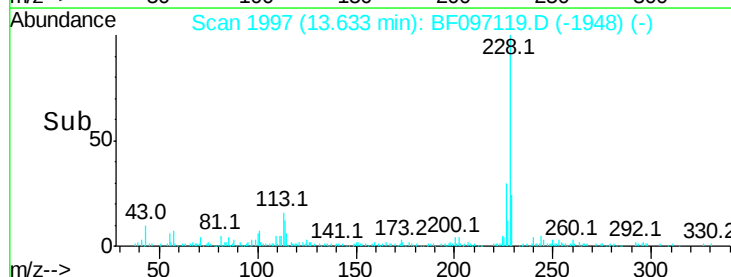
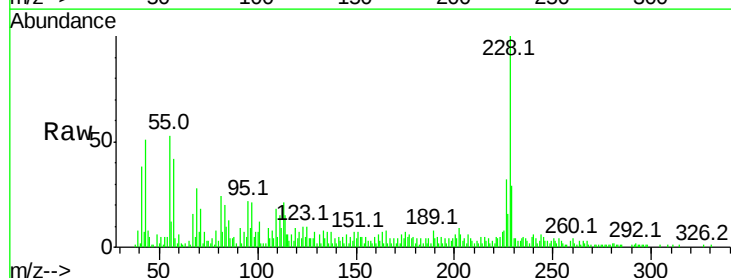
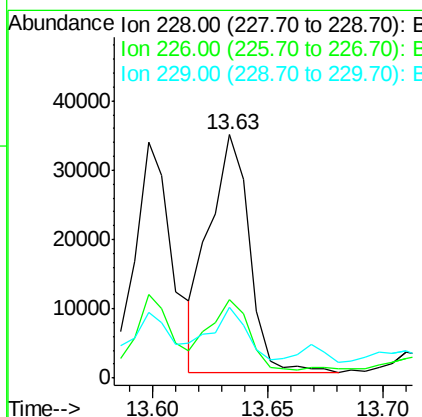
Manual Integrations
APPROVED

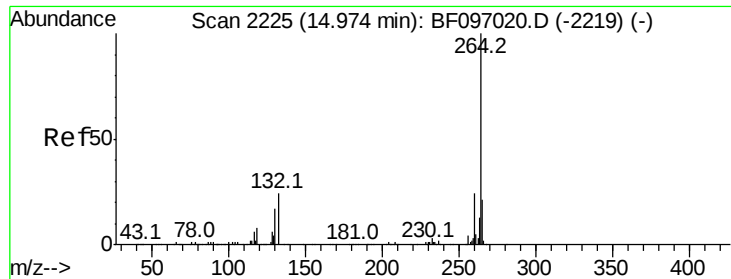
Sohil
7/28/2017 4:46:39 PM



#82
Chrysene
Concen: 3.136 ng
RT: 13.63 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	29.1	15.8	23.6#





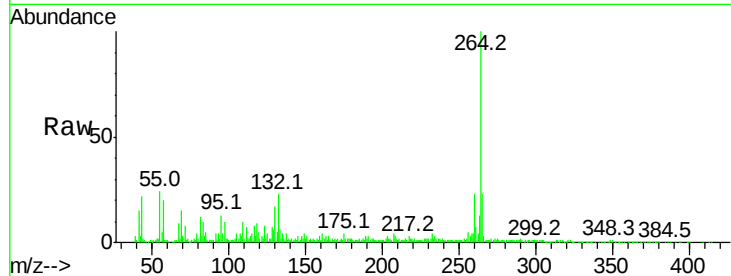
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SU-02-072417RE

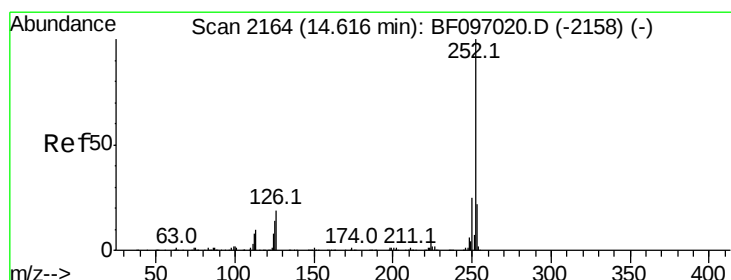
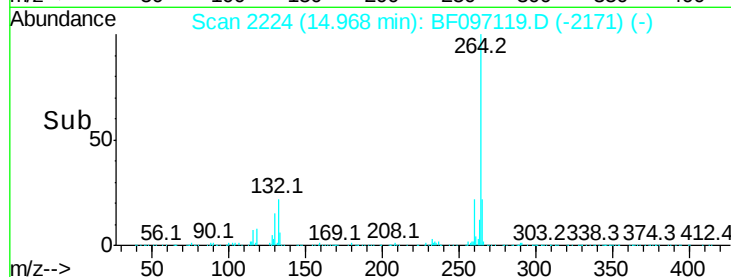
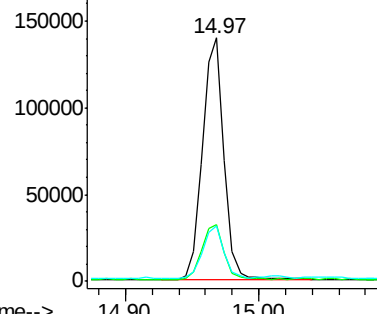
Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.2	19.5	29.3	
265	23.0	17.2	25.8	

Manual Integrations
APPROVED

Sohil
7/28/2017 4:46:39 PM

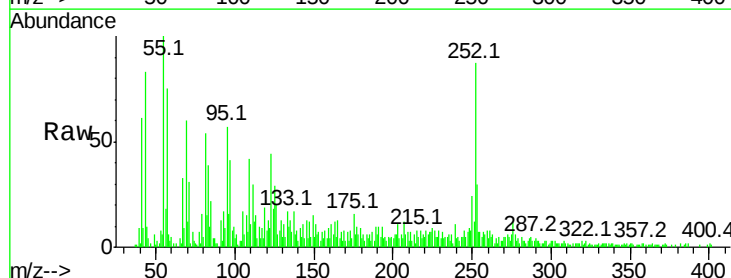


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

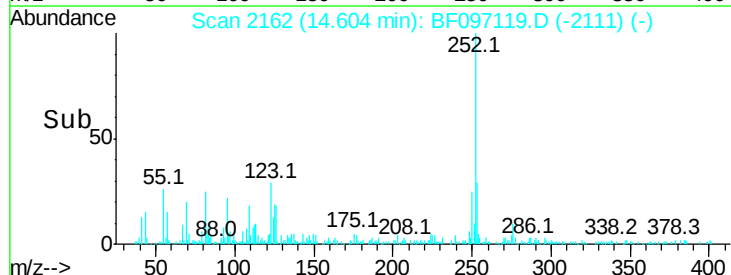
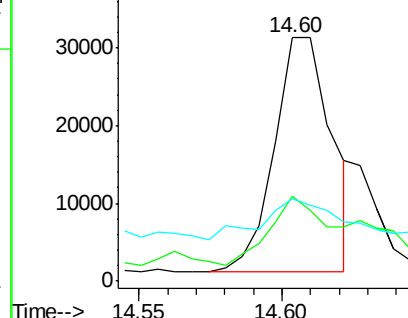


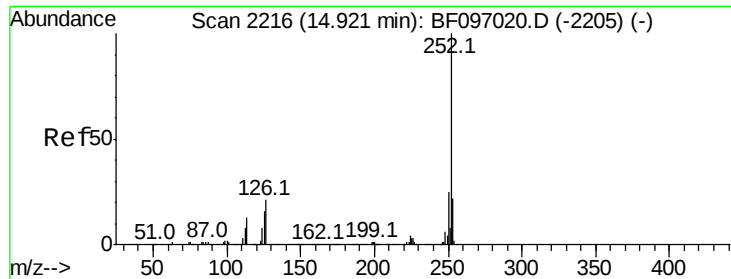
#87
Benzo(b)fluoranthene
Concen: 4.409 ng m
RT: 14.60 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BF097119.D
Acq: 27 Jul 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	34.8	18.1	27.1#	
125	33.6	9.8	14.8#	



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





#89

Benzo(a)pyrene

Concen: 2.878 ng

RT: 14.92 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF097119.D

Acq: 27 Jul 2017 13:43

Instrument :

BNA_F

ClientSampleId :

SU-02-072417RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.2	17.5	26.3#
125	42.6	11.0	16.4#

Manual Integrations
APPROVED

Sohil

7/28/2017 4:46:39 PM

