

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092155.D
 Acq On : 9 Jan 2017 23:16
 Operator : UM/SJ
 Sample : I1027-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:39 AM

Quant Time: Jan 10 03:51:17 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	177025	20.00	ng	0.06
21) Naphthalene-d8	7.94	136	644611	20.00	ng	0.01
38) Acenaphthene-d10	9.68	164	270876	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	373108	20.00	ng	0.01
75) Chrysene-d12	13.82	240	237428	20.00	ng	0.03
86) Perylene-d12	15.18	264	181929	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.45	99	48108	3.72	ng	0.14
23) Nitrobenzene-d5	7.26	82	786947	67.88	ng	0.05
41) 2,4,6-Tribromophenol	10.47	330	977	0.44	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1276171	98.59	ng	0.00
78) Terphenyl-d14	12.78	244	773765	79.04	ng	0.03
Target Compounds						
10) Phenol	6.46	94	44238	3.00	ng	Qvalue # 70
15) Benzyl Alcohol	6.88	79	129562m	12.88	ng	
45) 1,1'-Biphenyl	9.10	154	46607	2.51	ng	88
49) Dimethylphthalate	9.41	163	77246	4.46	ng	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	52656	5.64	ng	# 95

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

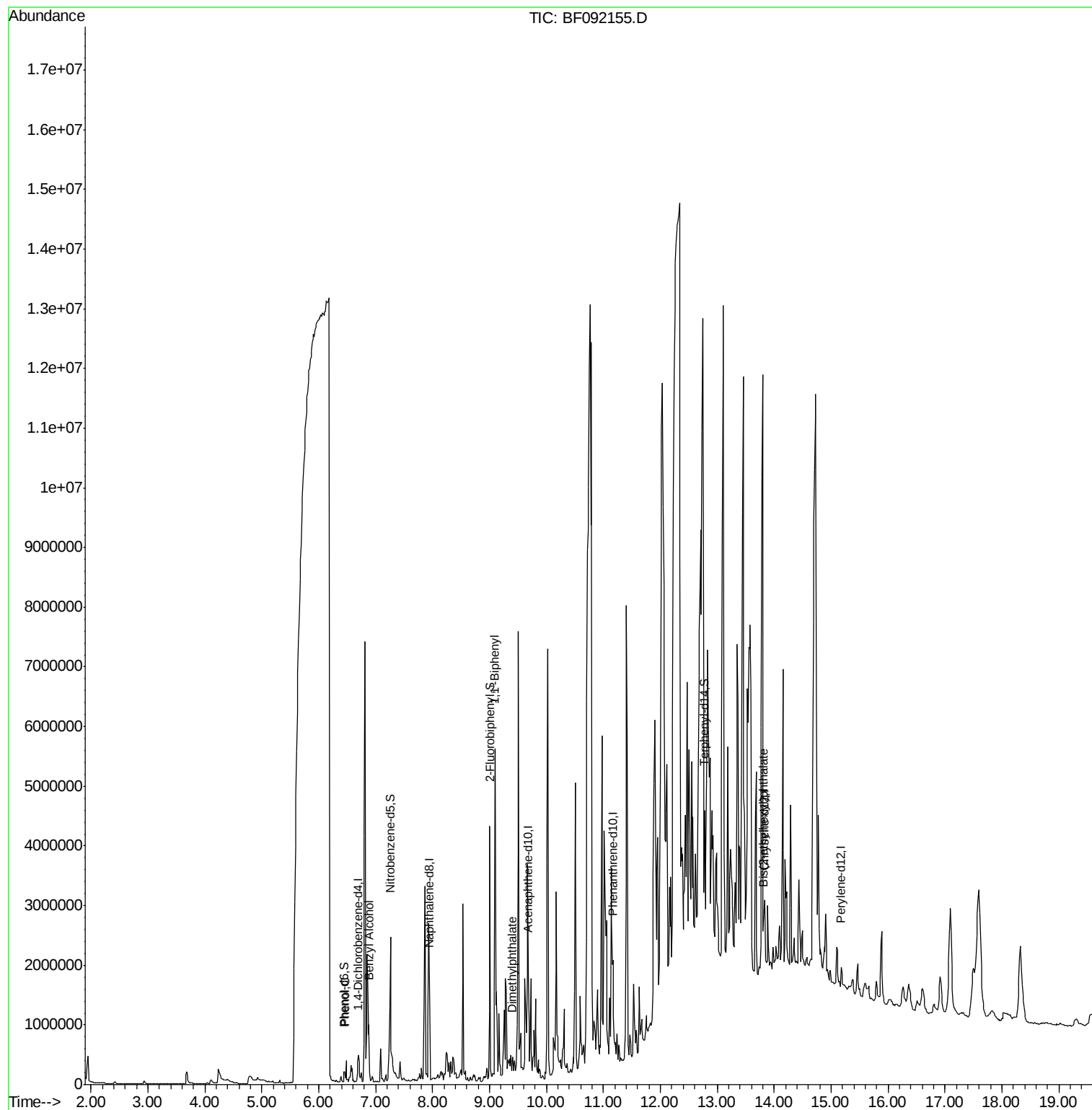
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092155.D
Acq On : 9 Jan 2017 23:16
Operator : UM/SJ
Sample : I1027-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

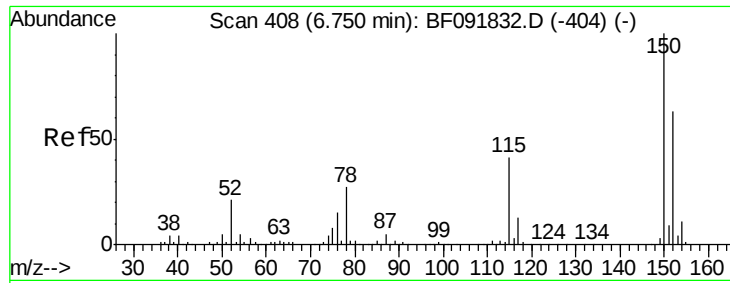
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:39 AM

Quant Time: Jan 10 03:51:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

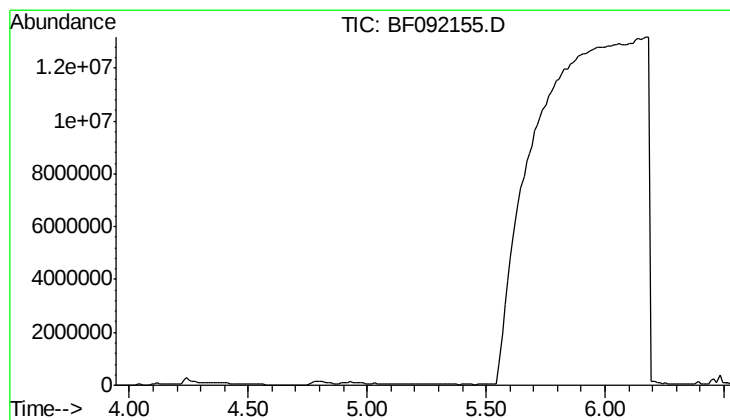
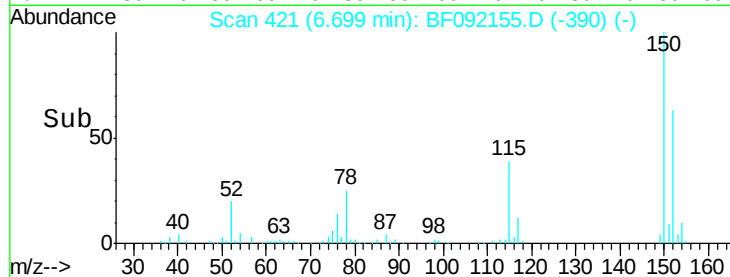
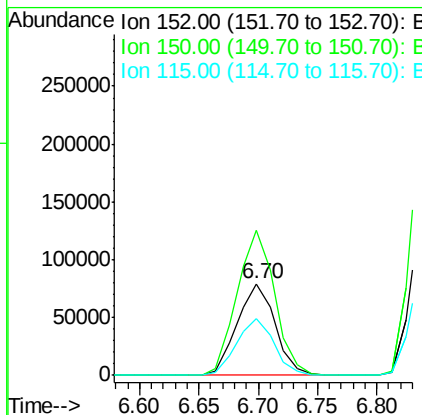
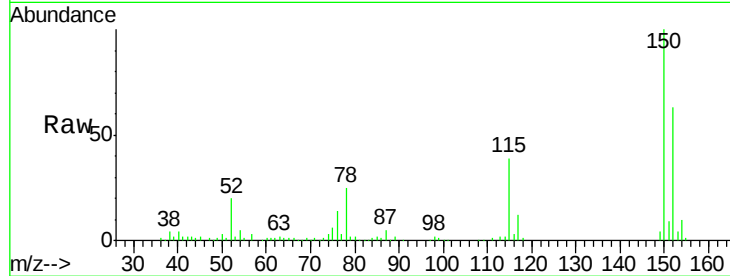
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 421
Delta R.T. 0.06 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	62.0	46.0	69.0

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:39 AM

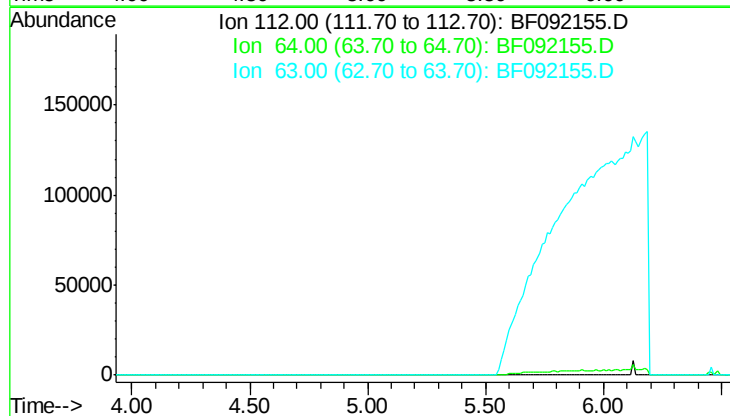


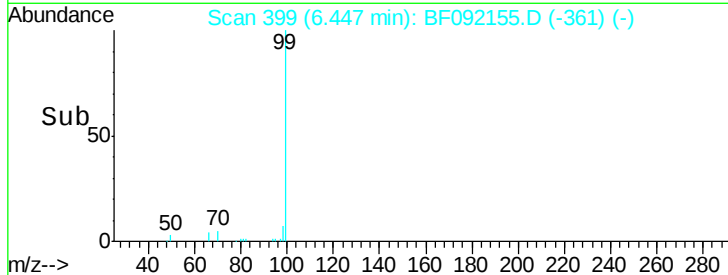
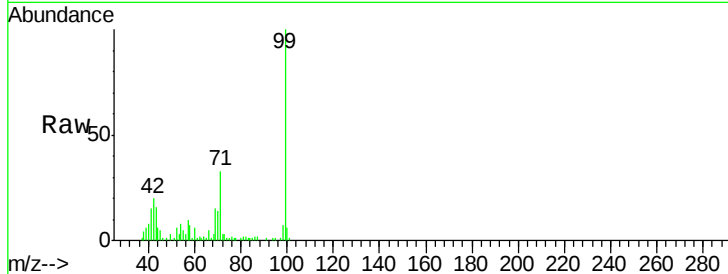
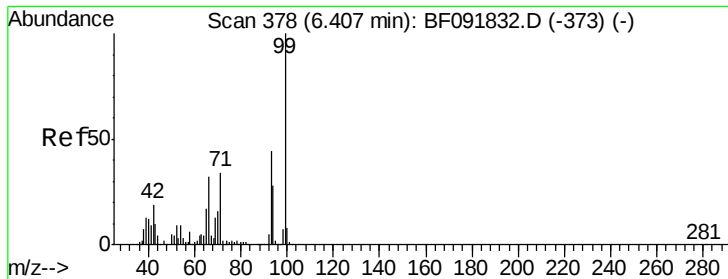
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.24 min

Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion	Sig	Exp Ratio
112	100	
64	57.6	
63	29.7	





#7

Phenol-d6

Concen: 3.72 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.14 min

Lab File: BF092155.D

Acq: 9 Jan 2017 23:16

Tgt Ion:	99	Resp:	48108
Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	33.0	27.5	41.3

Instrument :

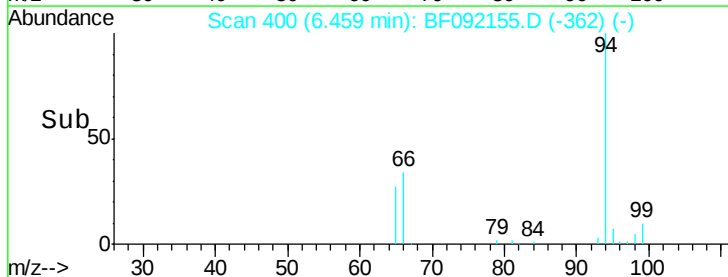
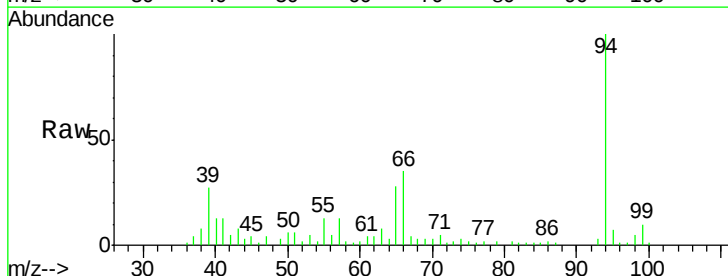
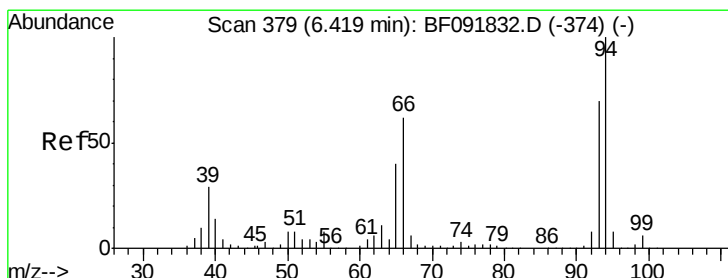
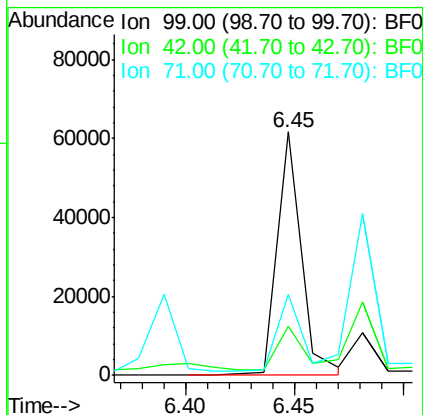
BNA_F

ClientSampleId :

EFF-WWRE

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:39 AM



#10

Phenol

Concen: 3.00 ng

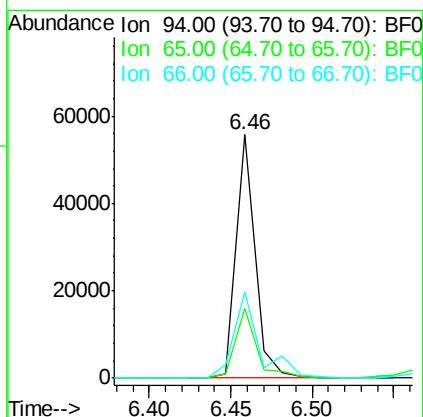
RT: 6.46 min Scan# 400

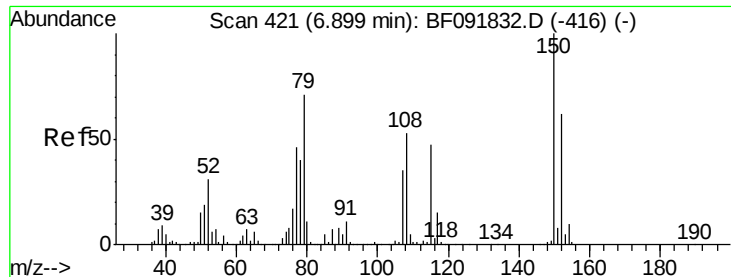
Delta R.T. 0.14 min

Lab File: BF092155.D

Acq: 9 Jan 2017 23:16

Tgt Ion:	94	Resp:	44238
Ion	Ratio	Lower	Upper
94	100		
65	28.4	21.4	61.4
66	35.4	44.0	84.0#





#15

Benzyl Alcohol

Concen: 12.88 ng m

RT: 6.88 min Scan# 437

Delta R.T. 0.08 min

Lab File: BF092155.D

Acq: 9 Jan 2017 23:16

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

Tgt Ion: 79 Resp: 129562
Ion Ratio Lower Upper

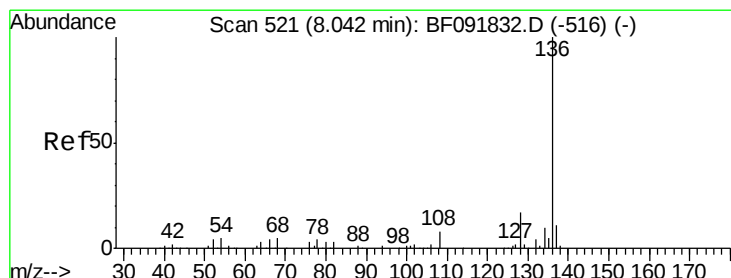
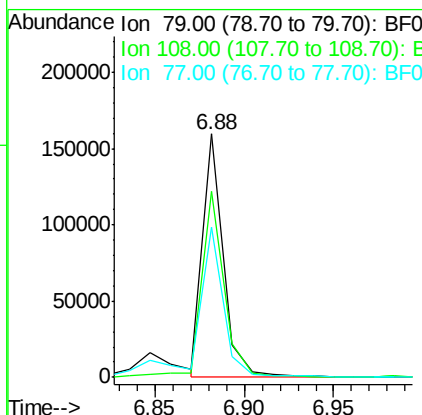
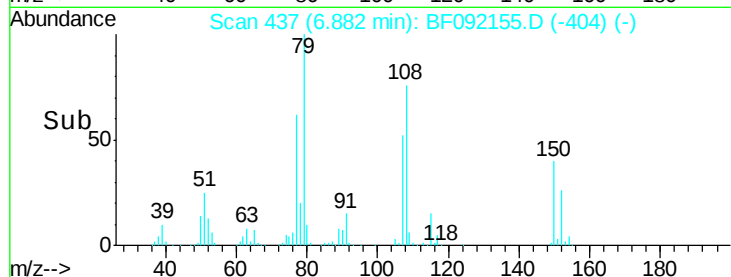
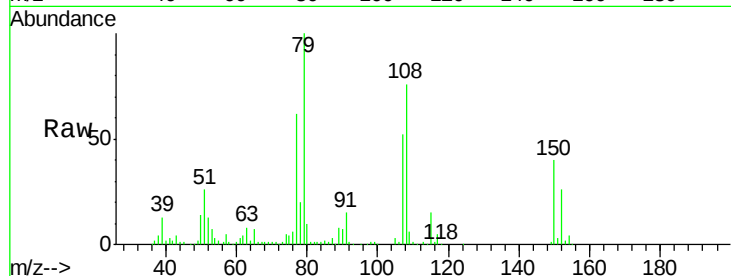
79 100

108 76.2 61.4 92.0

77 61.8 50.9 76.3

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:39 AM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF092155.D

Acq: 9 Jan 2017 23:16

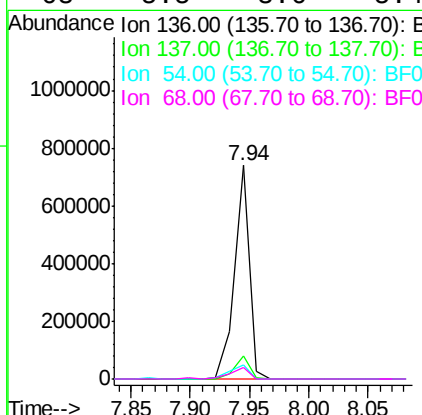
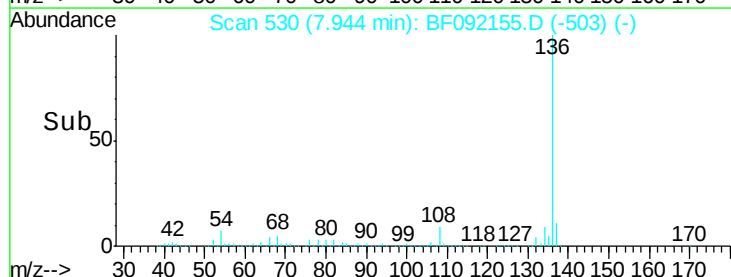
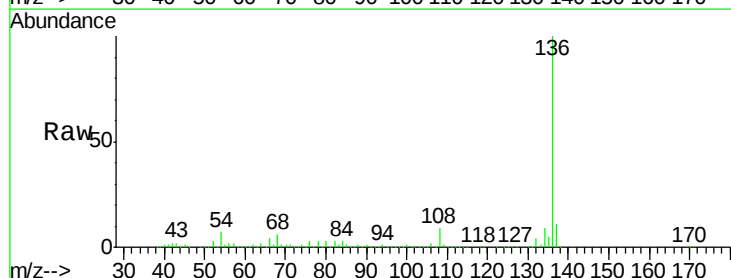
Tgt Ion: 136 Resp: 644611
Ion Ratio Lower Upper

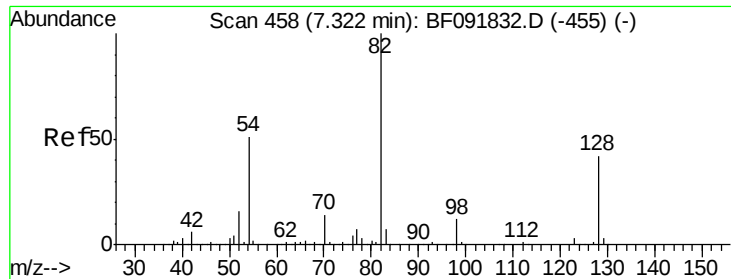
136 100

137 11.1 8.4 12.6

54 6.8 4.5 6.7#

68 5.5 3.6 5.4#





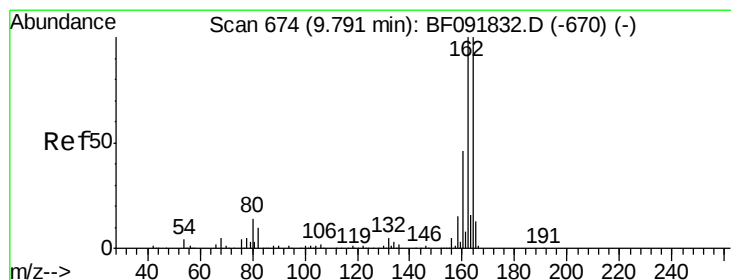
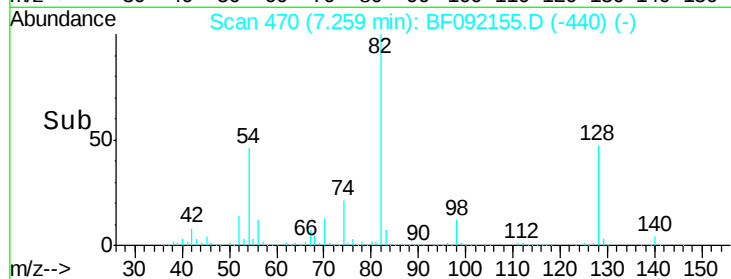
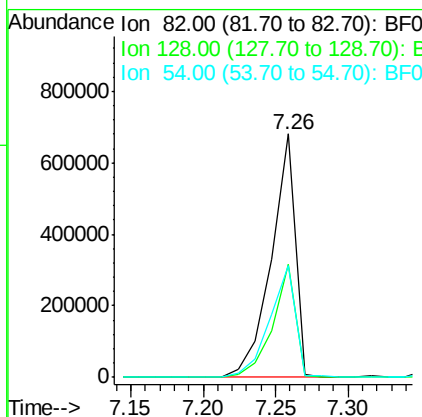
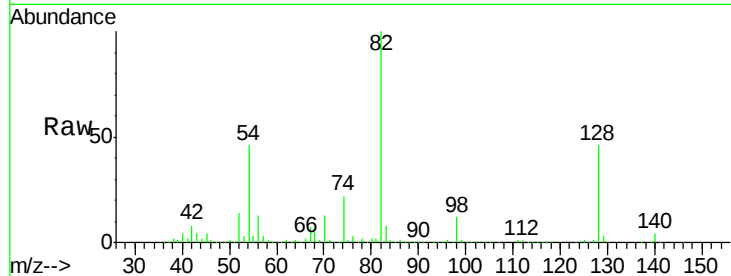
#23
 Nitrobenzene-d5
 Concen: 67.88 ng
 RT: 7.26 min Scan# 470
 Delta R.T. 0.05 min
 Lab File: BF092155.D
 Acq: 9 Jan 2017 23:16

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	52.0
54	46.1	39.5	59.3

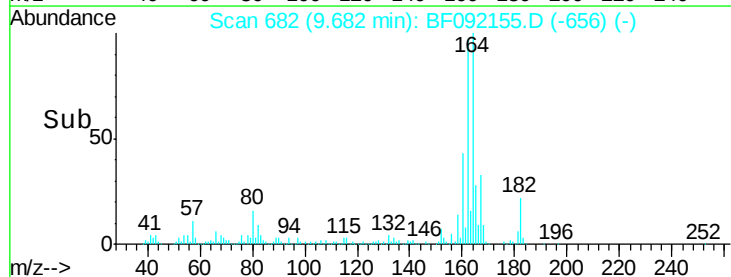
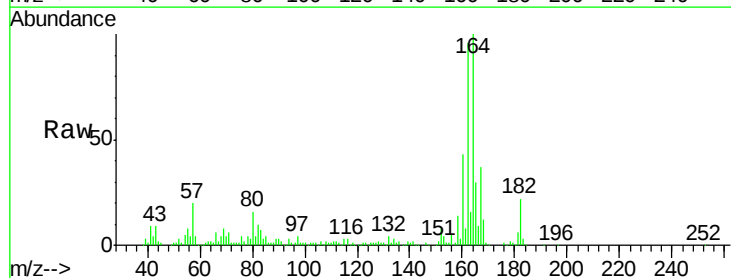
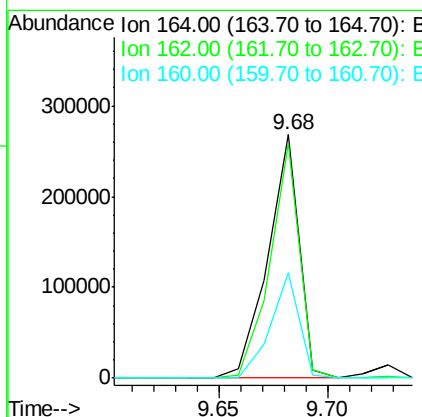
Manual Integrations
 APPROVED

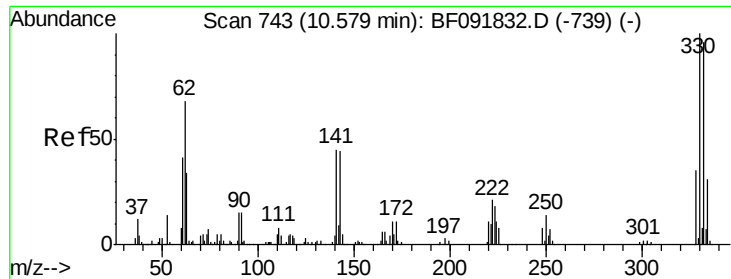
Sohil
 1/10/2017 10:01:39 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092155.D
 Acq: 9 Jan 2017 23:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	80.2	120.2
160	43.1	36.9	55.3





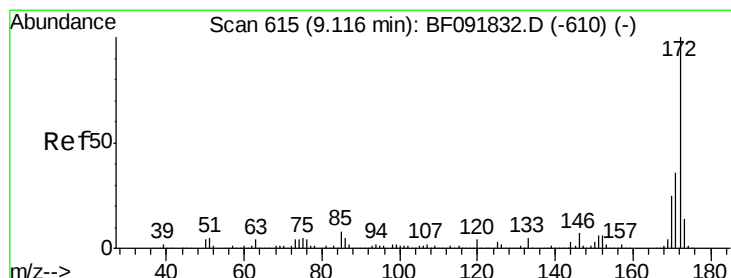
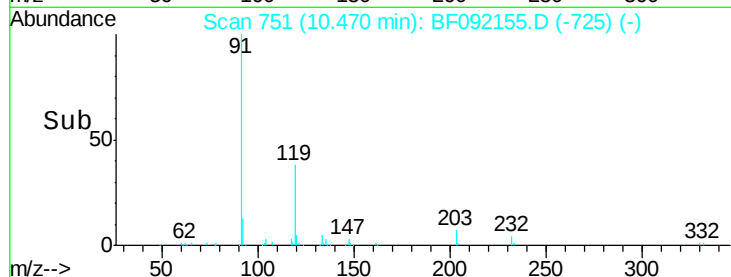
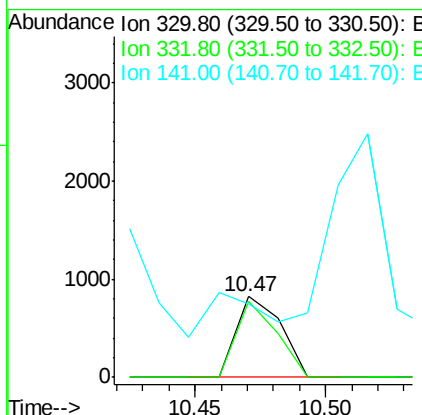
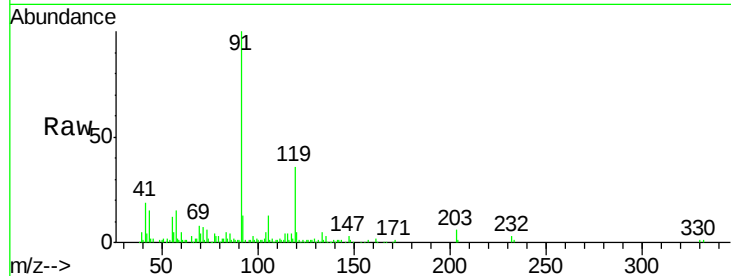
#41
 2,4,6-Tribromophenol
 Concen: 0.44 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092155.D
 Acq: 9 Jan 2017 23:16

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	85.9	77.4	116.2
141	0.0	34.1	51.1#

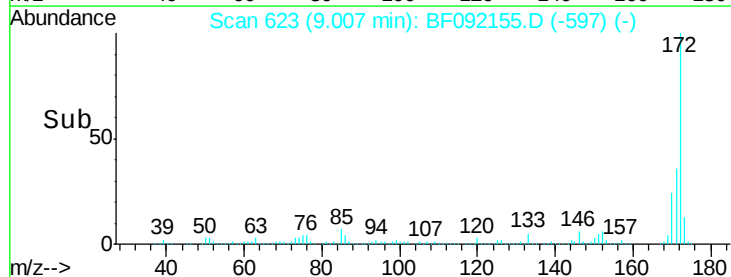
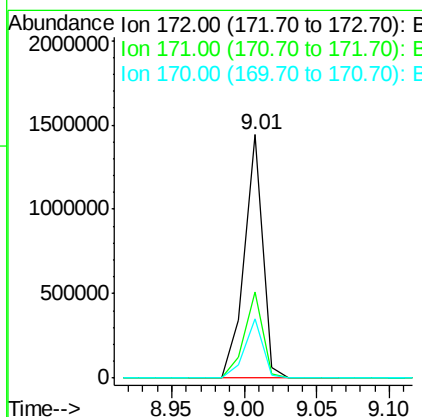
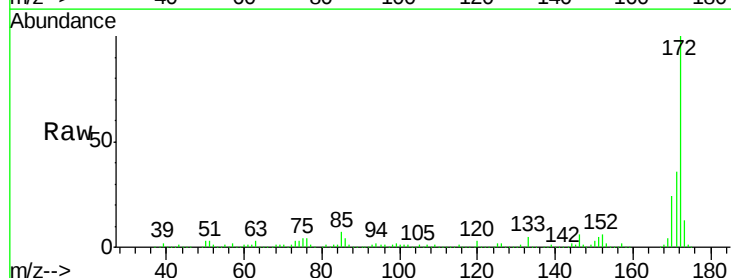
Manual Integrations
 APPROVED

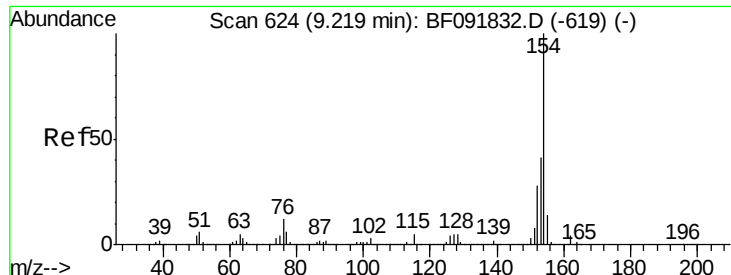
Sohil
 1/10/2017 10:01:39 AM



#44
 2-Fluorobiphenyl
 Concen: 98.59 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092155.D
 Acq: 9 Jan 2017 23:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.3	20.2	30.4





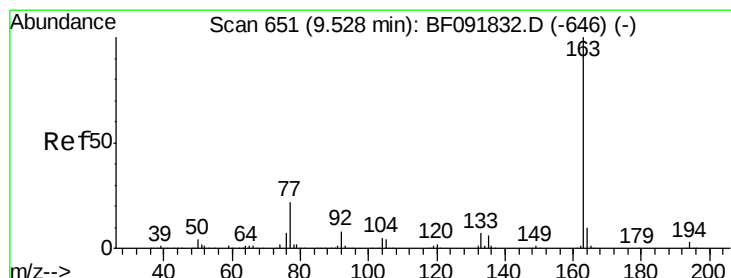
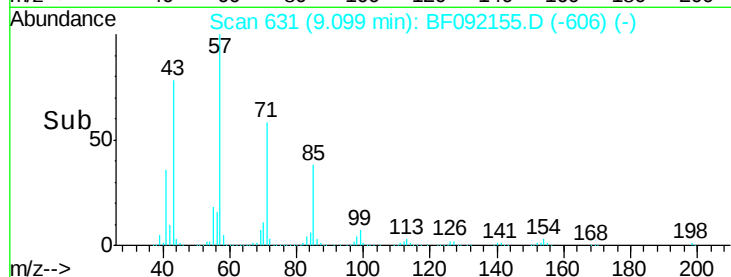
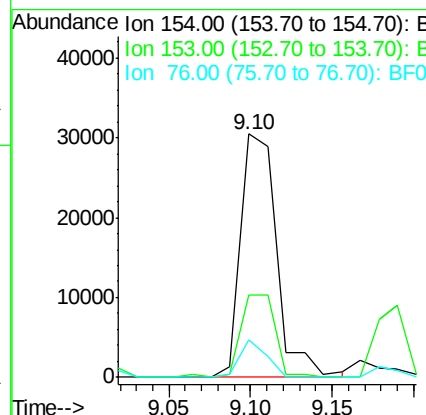
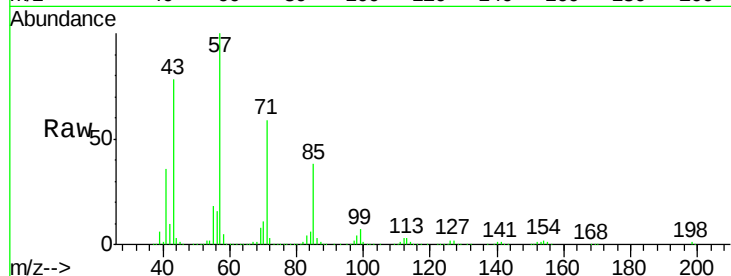
#45
1,1'-Biphenyl
Concen: 2.51 ng
RT: 9.10 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	46607		
153	33.8	20.9	60.9	
76	15.2	0.0	30.5	

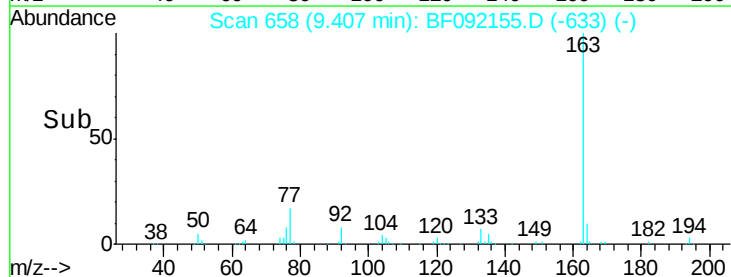
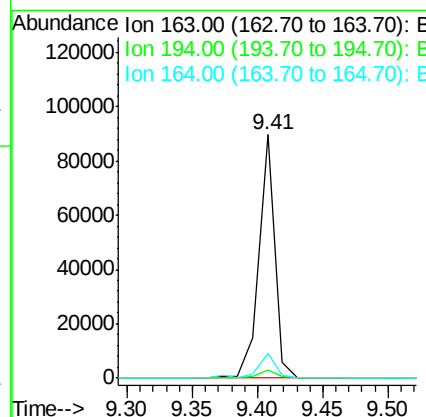
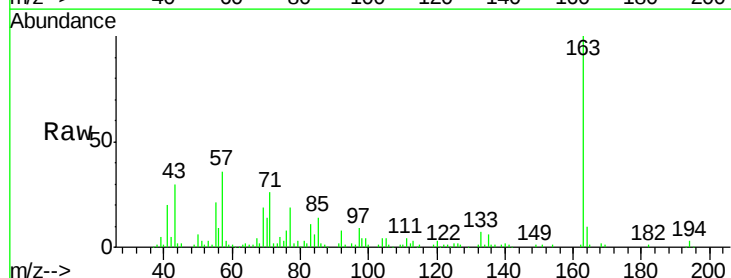
Manual Integrations
APPROVED

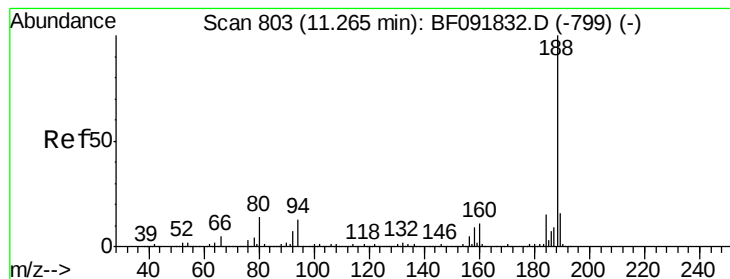
Sohil
1/10/2017 10:01:39 AM



#49
Dimethylphthalate
Concen: 4.46 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	77246		
194	3.4	3.0	4.4	
164	9.9	8.0	12.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF092155.D

Acq: 9 Jan 2017 23:16

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

Tgt Ion:188 Resp: 373108
Ion Ratio Lower Upper

188 100

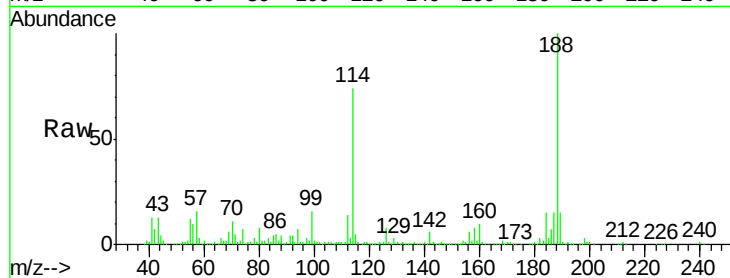
94 7.4 10.0 15.0#

80 7.7 11.2 16.8#

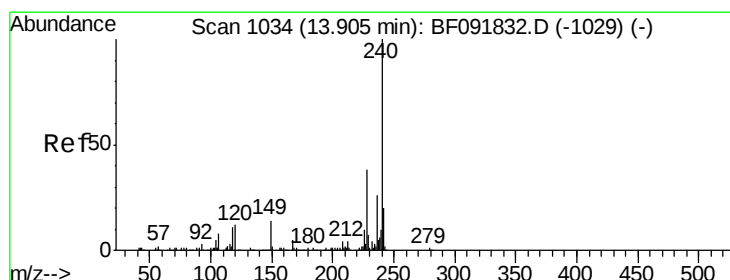
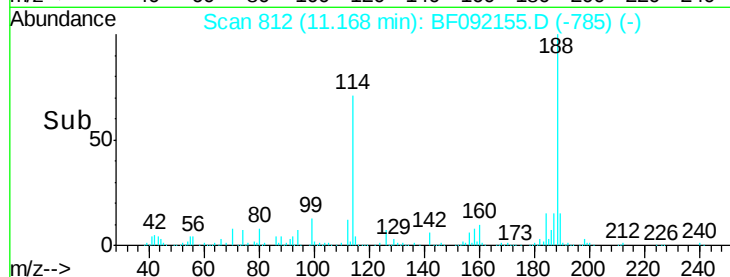
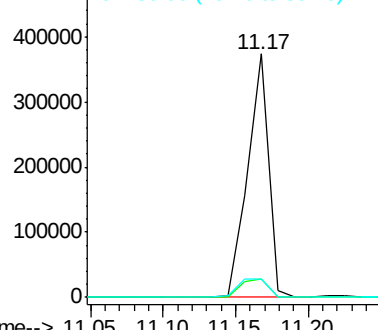
Manual Integrations
APPROVED

Sohil

1/10/2017 10:01:39 AM



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1044

Delta R.T. 0.03 min

Lab File: BF092155.D

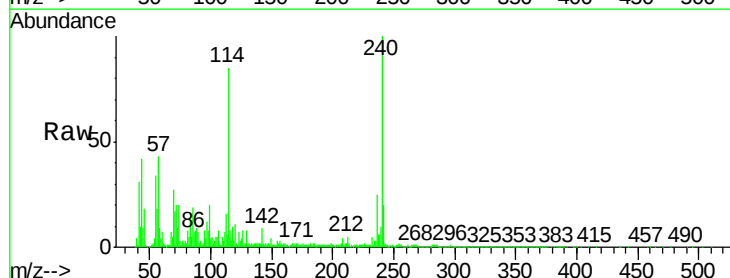
Acq: 9 Jan 2017 23:16

Tgt Ion:240 Resp: 237428
Ion Ratio Lower Upper

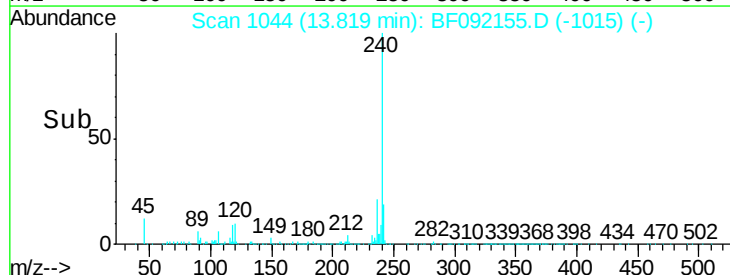
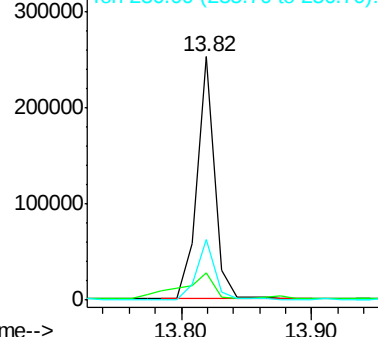
240 100

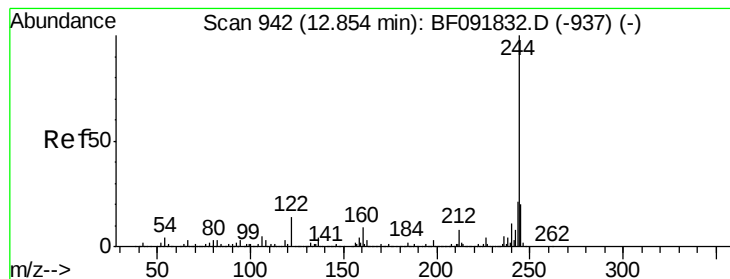
120 11.0 12.9 19.3#

236 24.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.04 ng

RT: 12.78 min Scan# 953

Delta R.T. 0.03 min

Lab File: BF092155.D

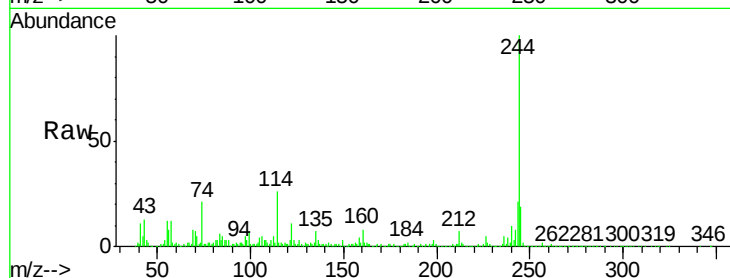
Acq: 9 Jan 2017 23:16

Instrument :

BNA_F

ClientSampleId :

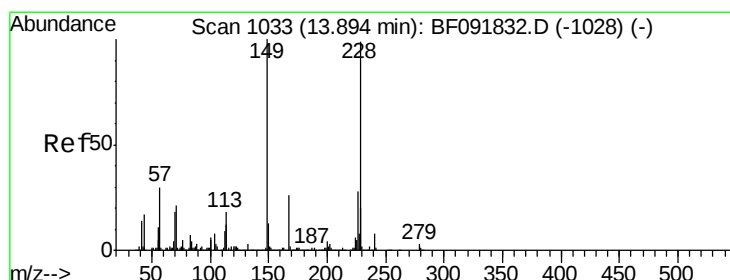
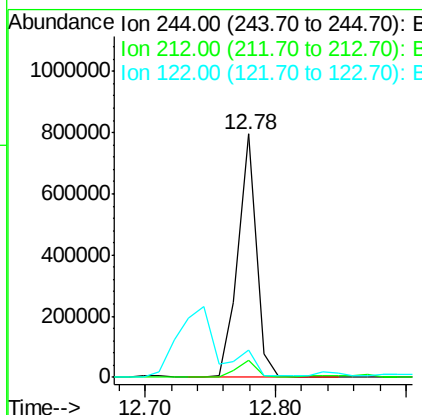
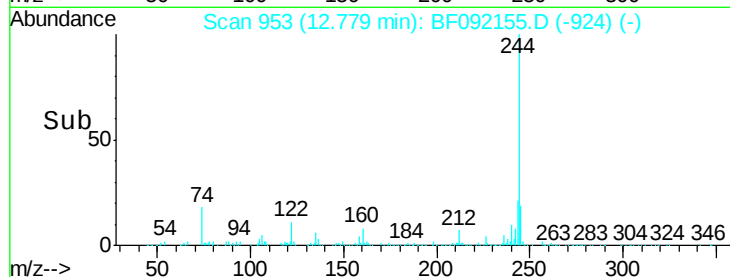
EFF-WWRE



Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	11.5	11.4	17.2

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:39 AM



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.64 ng

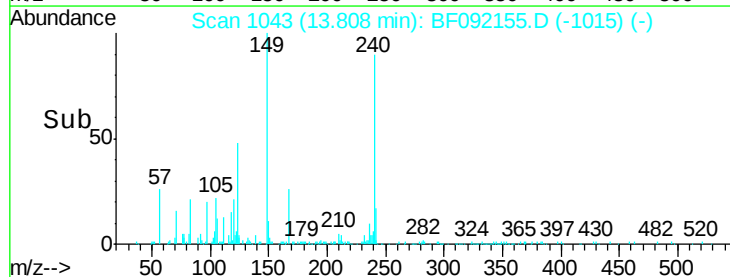
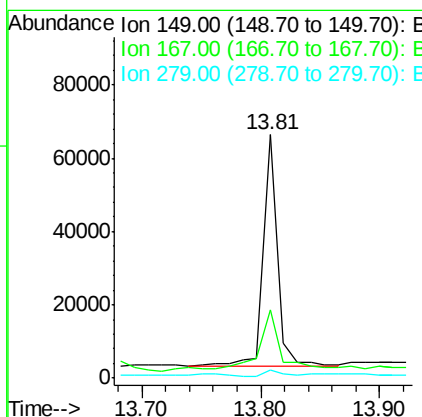
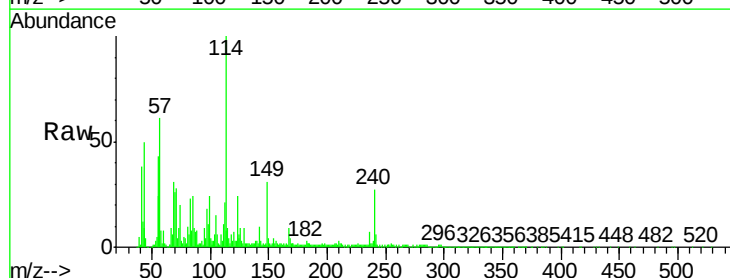
RT: 13.81 min Scan# 1043

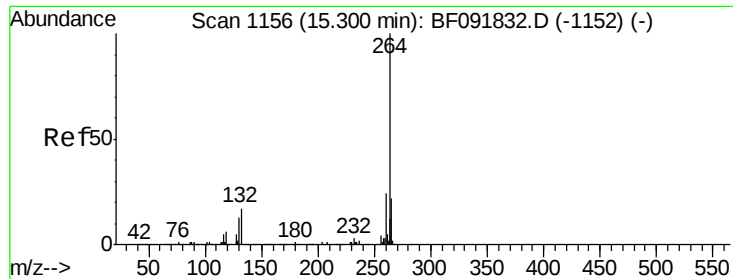
Delta R.T. 0.02 min

Lab File: BF092155.D

Acq: 9 Jan 2017 23:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.2	30.4
279	3.3	1.8	2.8#





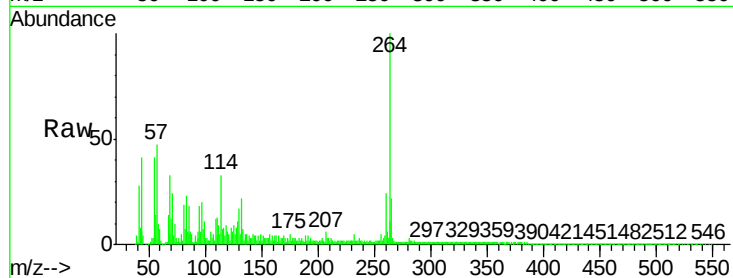
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:	264	Resp:	181929
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	17.4	26.0

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:39 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

