

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082449.D
 Acq On : 22 Oct 2015 17:12
 Operator : UM/IZ
 Sample : G4047-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWWRE

Manual Integrations
 APPROVED

mmdadoda
 10/23/2015 4:45:11 PM

Quant Time: Oct 23 10:47:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	96629	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	224423	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	184066	20.00	ng	0.05
63) Phenanthrene-d10	11.34	188	313539	20.00	ng	0.03
75) Chrysene-d12	14.07	240	127784	20.00	ng	0.07
86) Perylene-d12	15.60	264	224053	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	178999	37.39	ng	0.00
7) Phenol-d6	6.47	99	154671	24.82	ng	0.05
23) Nitrobenzene-d5	7.35	82	455437	136.28	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	89127	51.63	ng	0.10
44) 2-Fluorobiphenyl	9.15	172	210364	18.95	ng	0.01
78) Terphenyl-d14	12.93	244	330647	68.57	ng	0.03
Target Compounds						
9) Benzaldehyde	6.31	77	256848	80.73	ng	Qvalue 92
10) Phenol	6.48	94	441790	61.50	ng	89
15) Benzyl Alcohol	7.01	79	725496	168.67	ng	98
17) 2-Methylphenol	7.09	107	91739	19.85	ng	94
20) 3+4-Methylphenols	7.22	107	117671	21.37	ng	# 1
22) Acetophenone	7.21	105	2166833	488.09	ng	# 87
32) Benzoic acid	8.63	122	28018730m	14346.18	ng	

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

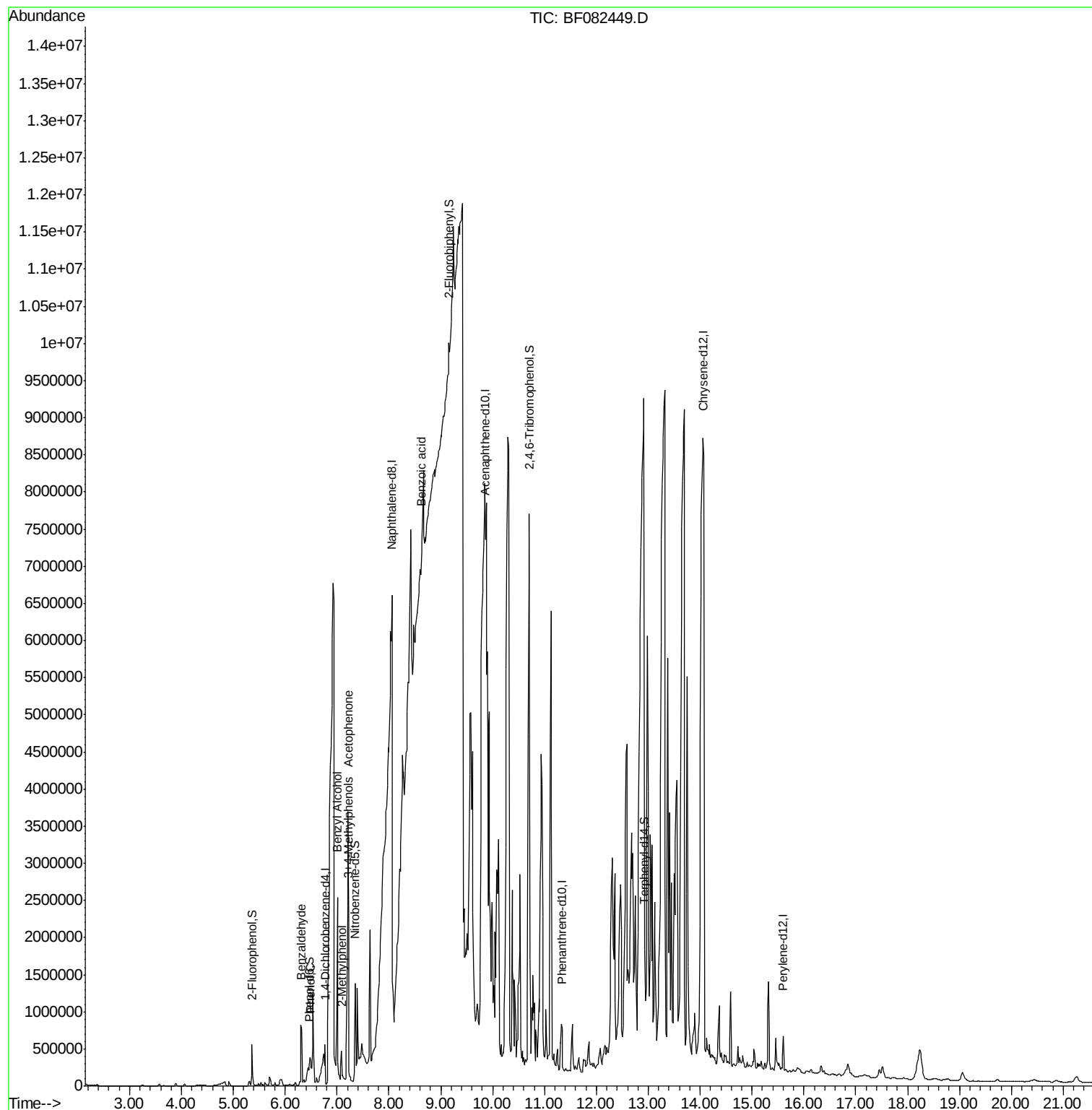
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082449.D
Acq On : 22 Oct 2015 17:12
Operator : UM/IZ
Sample : G4047-02RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

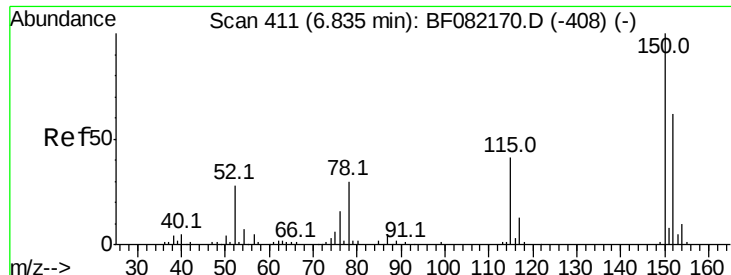
Instrument :
BNA_F
ClientSampleId :
EFFWWRE

Manual Integrations
APPROVED

mmdadoda
10/23/2015 4:45:11 PM

Quant Time: Oct 23 10:47:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration





#1

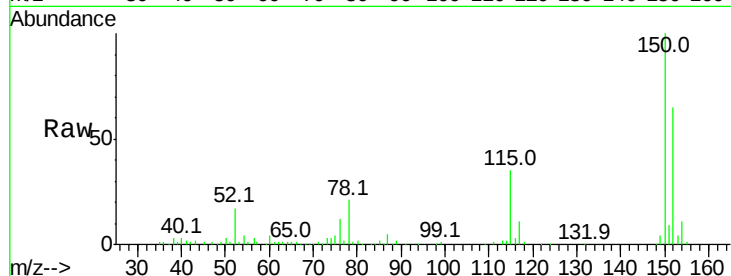
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082449.D
Acq: 22 Oct 2015 17:12

Instrument :
BNA_F
ClientSampleId :
EFFWWRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	129.0	193.4
115	53.0	52.1	78.1

Manual Integrations
APPROVED

mmdadoda
10/23/2015 4:45:11 PM

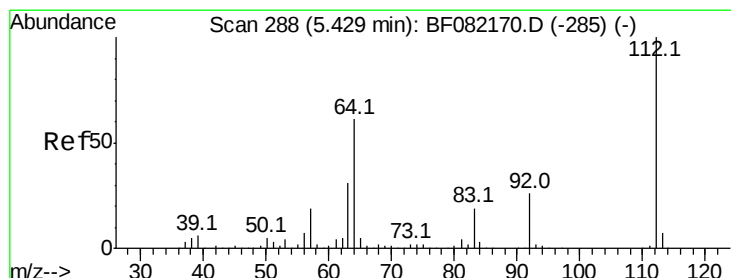
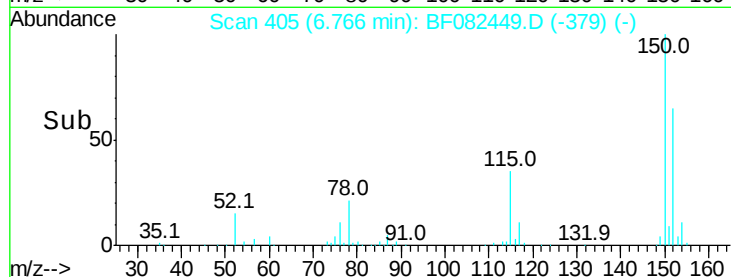
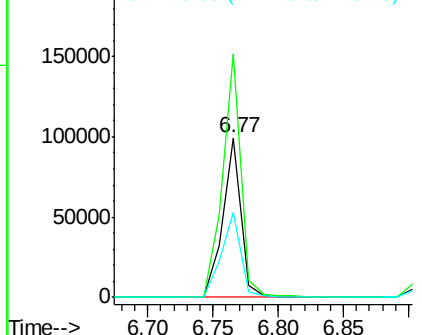


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

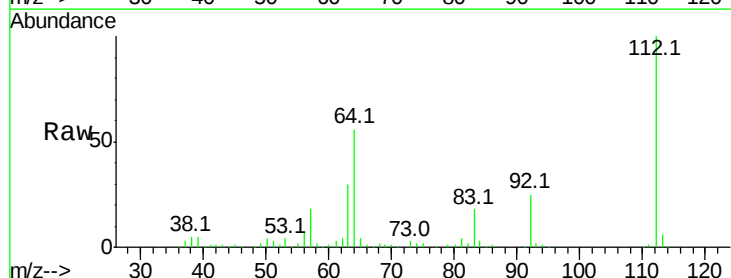
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.39 ng
RT: 5.36 min Scan# 282
Delta R.T. -0.00 min
Lab File: BF082449.D
Acq: 22 Oct 2015 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	48.6	73.0
63	29.5	25.1	37.7

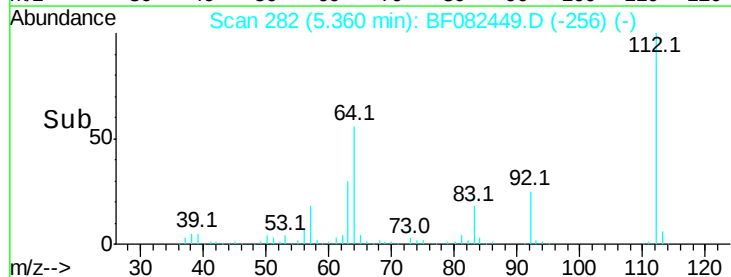
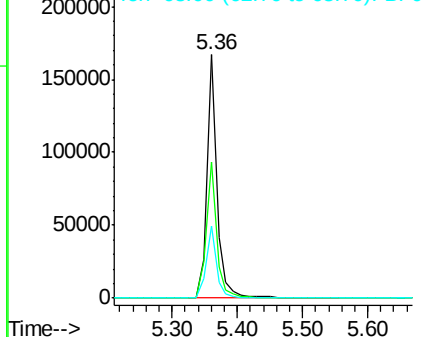


Abundance

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: 24.82 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.05 min

Lab File: BF082449.D

Acq: 22 Oct 2015 17:12

Instrument :

BNA_F

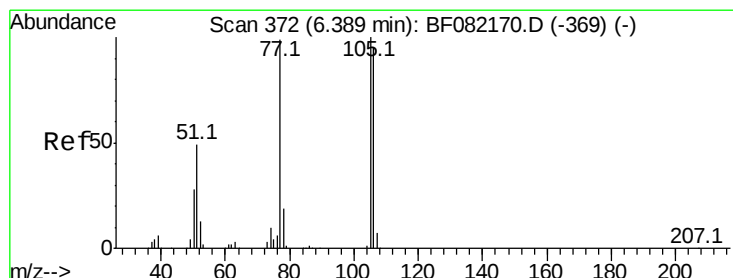
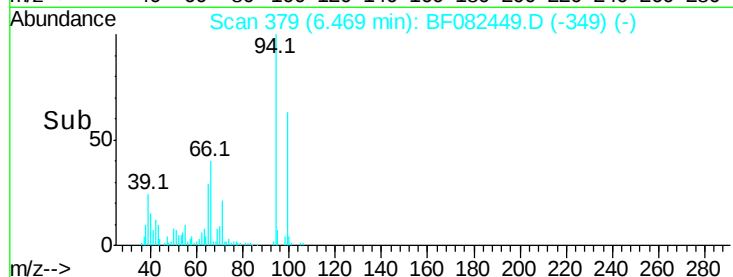
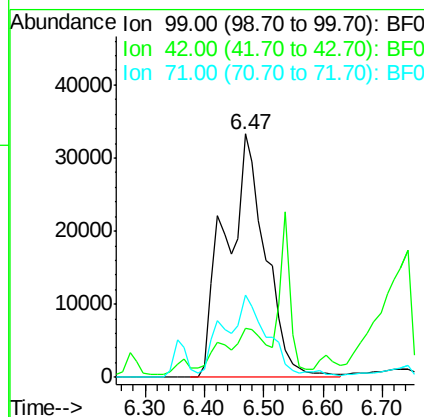
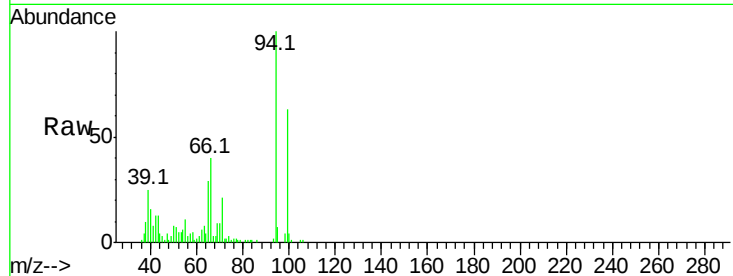
ClientSampleId :

EFFWWRE

Manual Integrations
APPROVED

mmdadoda
10/23/2015 4:45:11 PM

Tot Ion:	99	Resp:	154671
Ion Ratio	Lower	Upper	
99	100		
42	20.1	13.2	19.8#
71	33.8	25.6	38.4



#9

Benzaldehyde

Concen: 80.73 ng

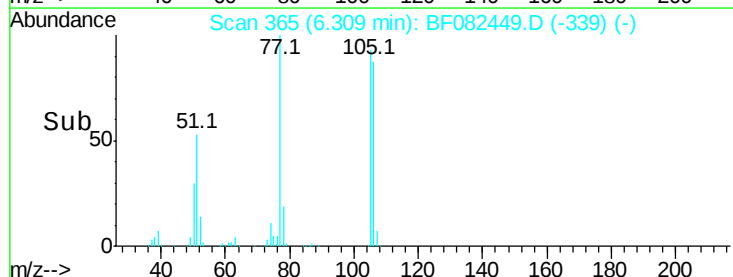
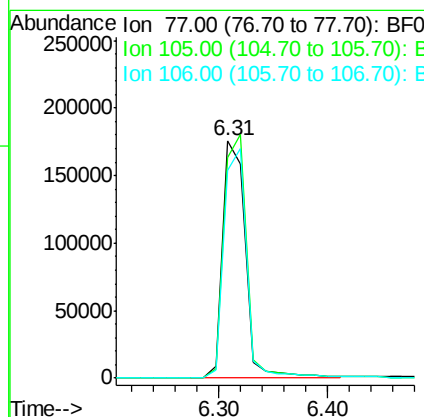
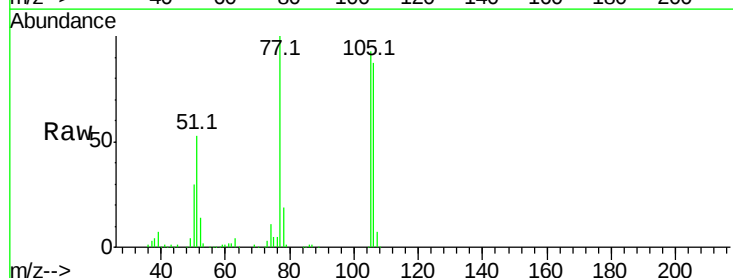
RT: 6.31 min Scan# 365

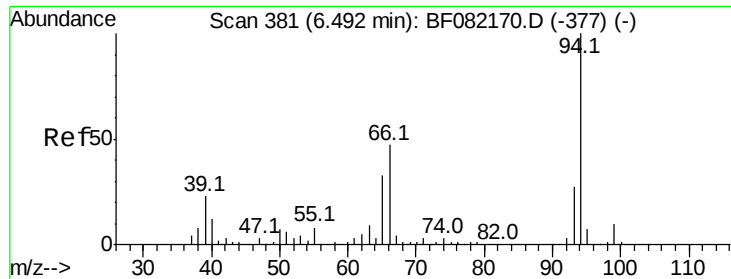
Delta R.T. -0.00 min

Lab File: BF082449.D

Acq: 22 Oct 2015 17:12

Tgt Ion:	77	Resp:	256848
Ion Ratio	Lower	Upper	
77	100		
105	92.6	80.6	120.6
106	87.3	75.5	115.5





#10

Phenol

Concen: 61.50 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.05 min

Lab File: BF082449.D

Acq: 22 Oct 2015 17:12

Instrument :

BNA_F

ClientSampleId :

EFFWWRE

Tot Ion: 94 Resp: 441790

Ion Ratio Lower Upper

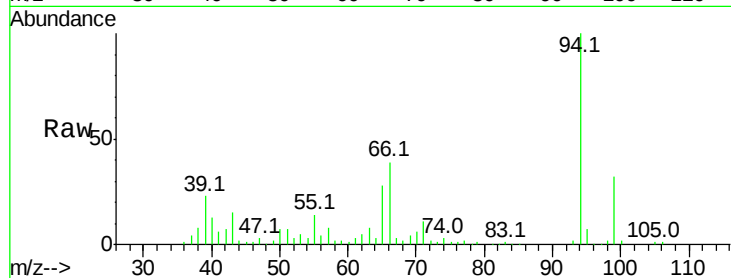
94 100

65 28.3 12.6 52.6

66 38.8 27.3 67.3

Manual Integrations
APPROVED

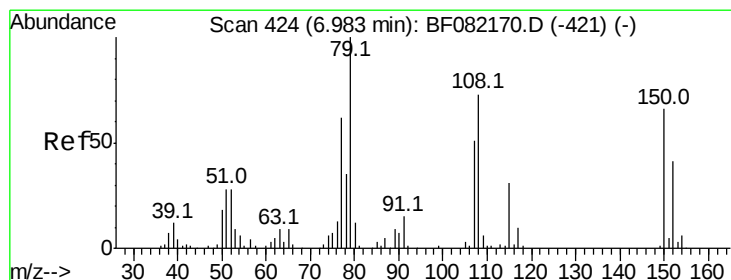
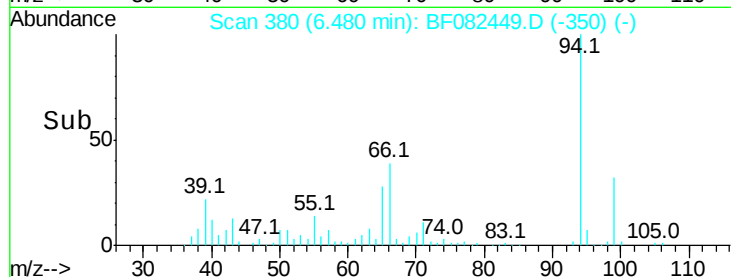
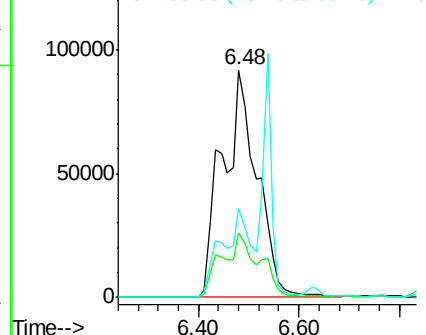
mmdadoda
10/23/2015 4:45:11 PM



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 168.67 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.08 min

Lab File: BF082449.D

Acq: 22 Oct 2015 17:12

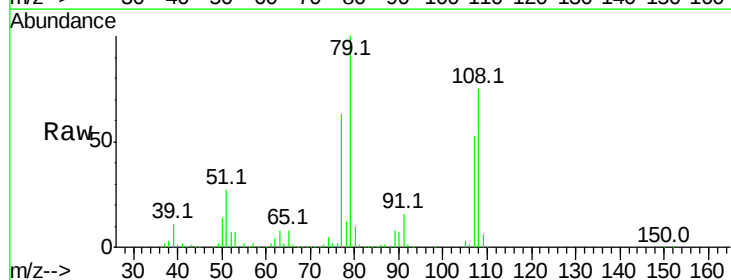
Tgt Ion: 79 Resp: 725496

Ion Ratio Lower Upper

79 100

108 74.9 58.4 87.6

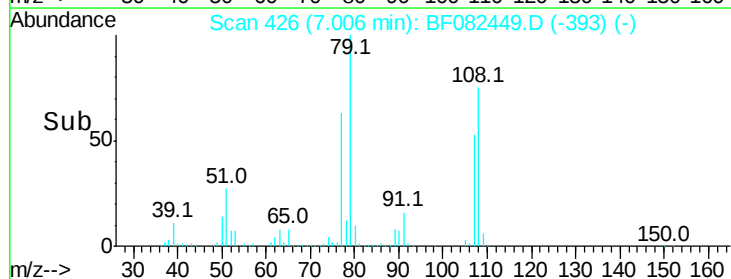
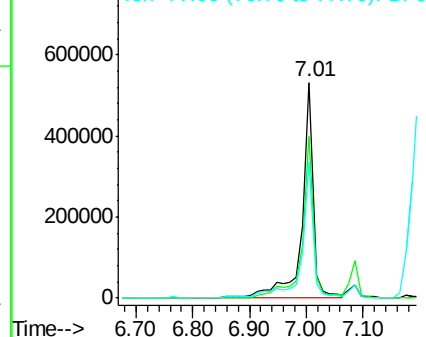
77 63.0 49.8 74.6

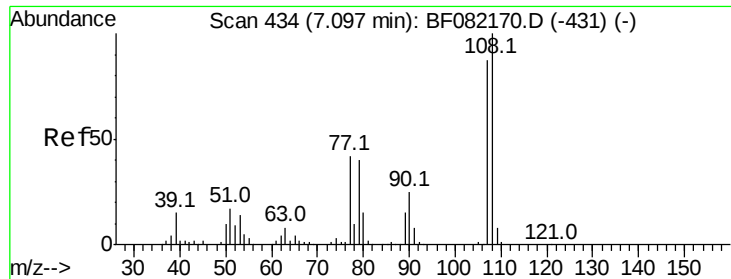


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





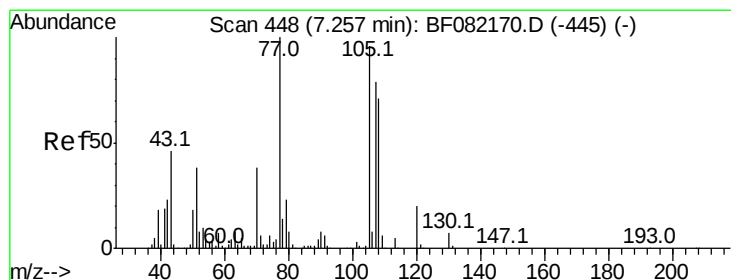
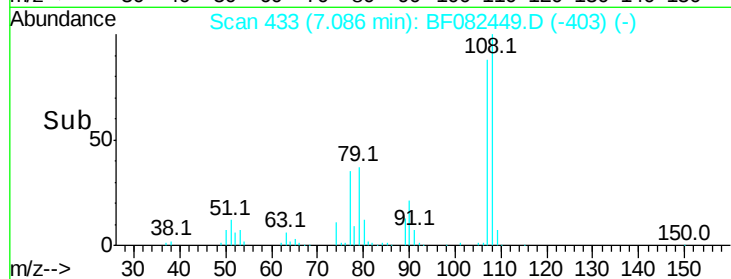
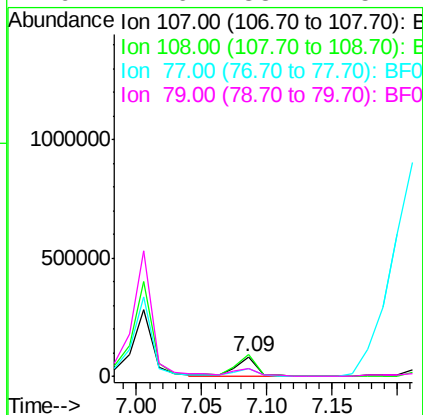
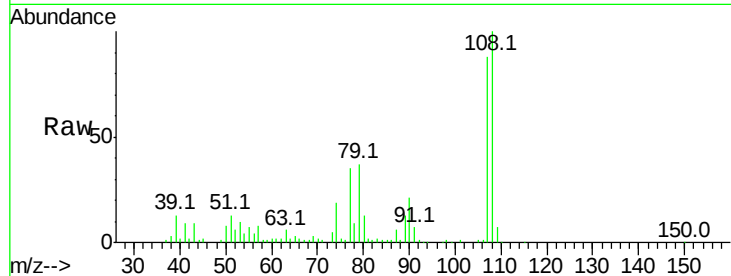
#17
2-Methylphenol
Concen: 19.85 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.05 min
Lab File: BF082449.D
Acq: 22 Oct 2015 17:12

Instrument :
BNA_F
ClientSampleId :
EFFWWRE

Tot Ion:	107	Resp:	91739
Ion Ratio	Lower	Upper	
107	100		
108	113.6	92.2	138.2
77	40.0	39.6	59.4
79	41.6	38.2	57.4

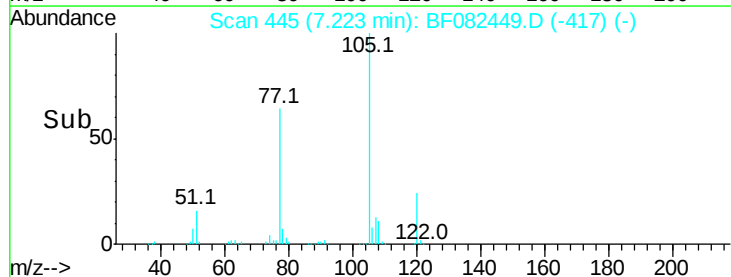
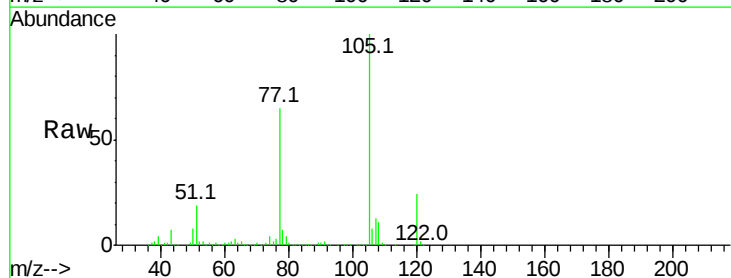
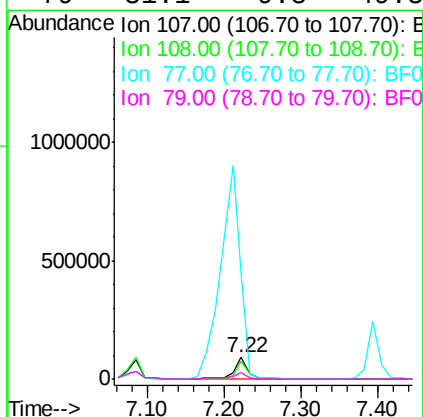
Manual Integrations
APPROVED

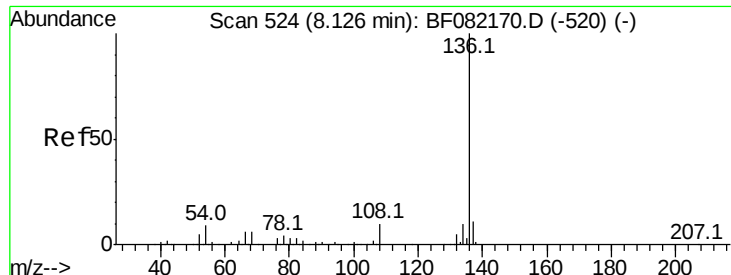
mmdadoda
10/23/2015 4:45:11 PM



#20
3+4-Methylphenols
Concen: 21.37 ng
RT: 7.22 min Scan# 445
Delta R.T. 0.02 min
Lab File: BF082449.D
Acq: 22 Oct 2015 17:12

Tgt Ion:	107	Resp:	117671
Ion Ratio	Lower	Upper	
107	100		
108	87.0	69.9	109.9
77	501.7	106.0	146.0#
79	31.1	9.8	49.8





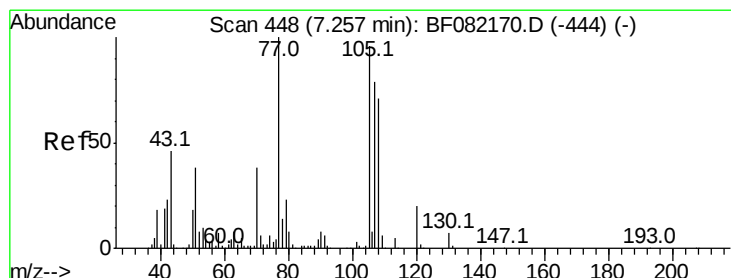
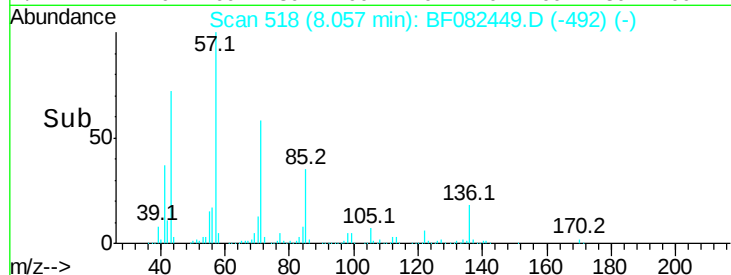
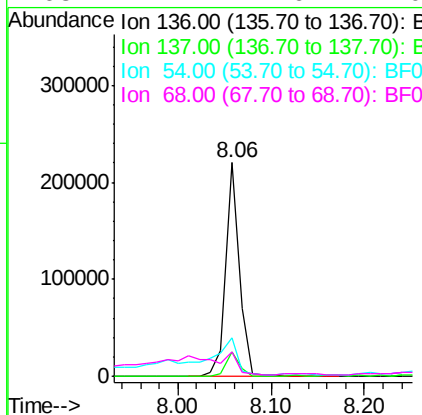
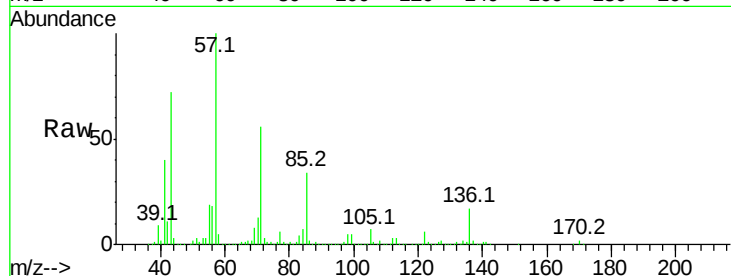
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF082449.D
Acq: 22 Oct 2015 17:12

Instrument :
BNA_F
ClientSampleId :
EFFWWRE

Tot Ion	Ratio	Resp	Lower	Upper
136	100	224423		
137	11.3	9.0	13.6	
54	18.2	7.5	11.3#	
68	11.4	4.6	7.0#	

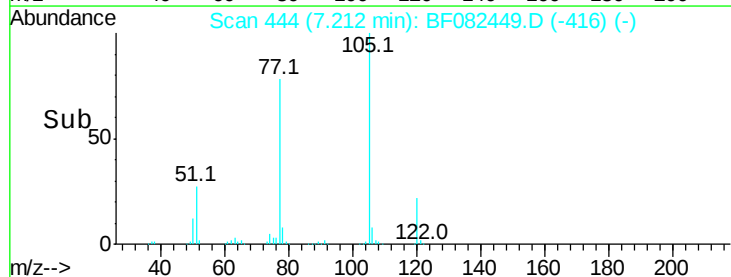
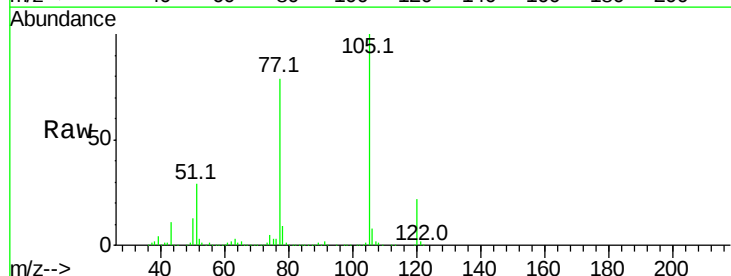
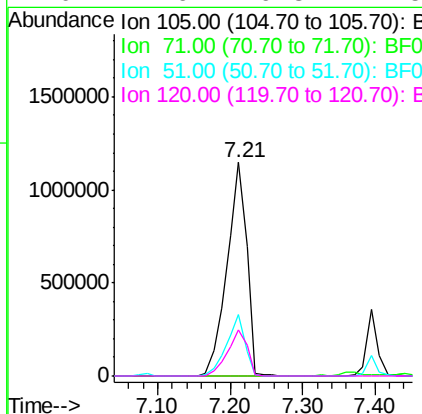
Manual Integrations
APPROVED

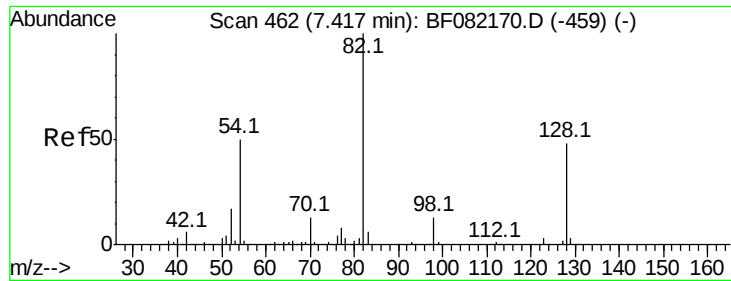
mmdadoda
10/23/2015 4:45:11 PM



#22
Acetophenone
Concen: 488.09 ng
RT: 7.21 min Scan# 444
Delta R.T. 0.02 min
Lab File: BF082449.D
Acq: 22 Oct 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2166833		
71	0.2	5.4	8.0#	
51	28.6	31.8	47.6#	
120	21.6	16.3	24.5	





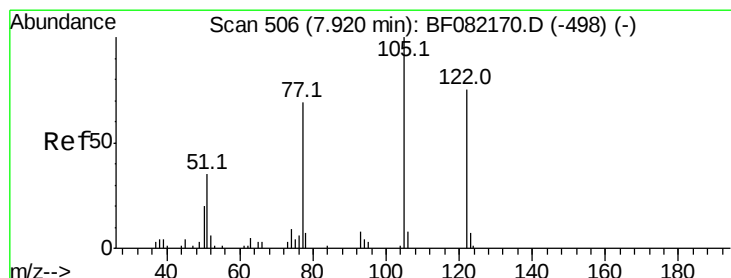
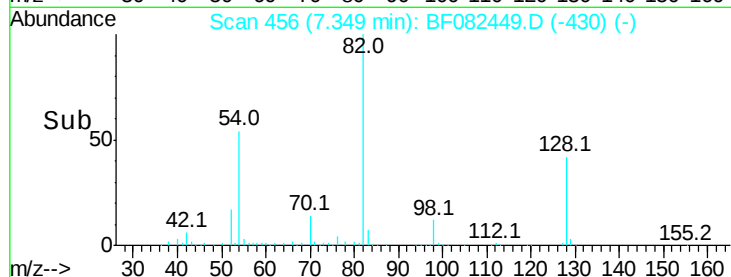
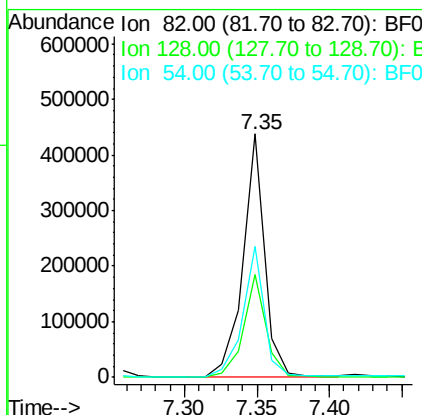
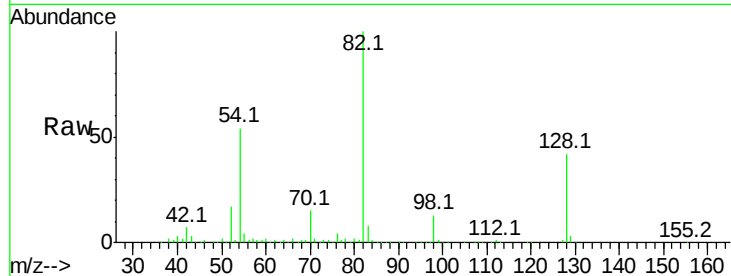
#23
 Nitrobenzene-d5
 Concen: 136.28 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082449.D
 Acq: 22 Oct 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 EFFWWRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	38.7	58.1
54	54.0	40.1	60.1

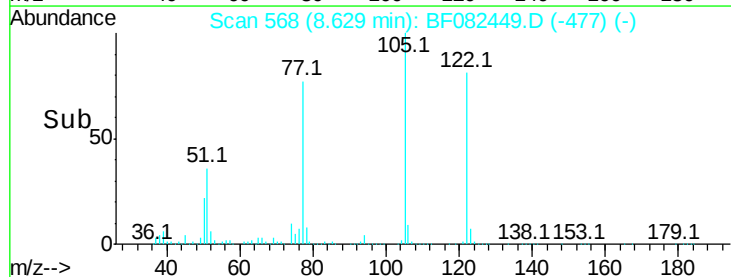
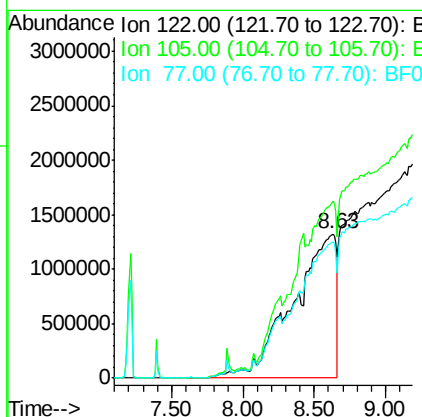
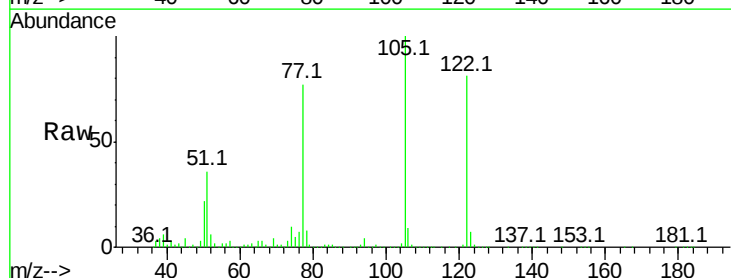
Manual Integrations
 APPROVED

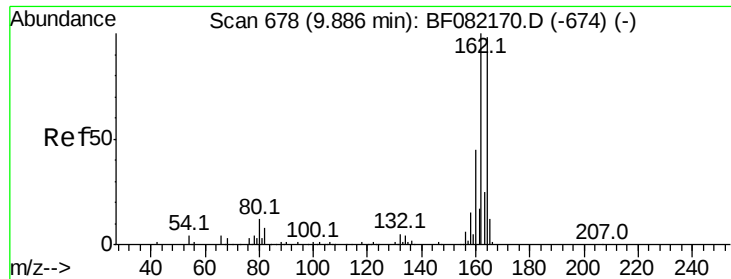
mmdadoda
 10/23/2015 4:45:11 PM



#32
 Benzoic acid
 Concen: 14346.18 ng m
 RT: 8.63 min Scan# 568
 Delta R.T. 0.74 min
 Lab File: BF082449.D
 Acq: 22 Oct 2015 17:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	104.4	144.4
77	94.6	69.0	109.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 676

Delta R.T. 0.05 min

Lab File: BF082449.D

Acq: 22 Oct 2015 17:12

Instrument :

BNA_F

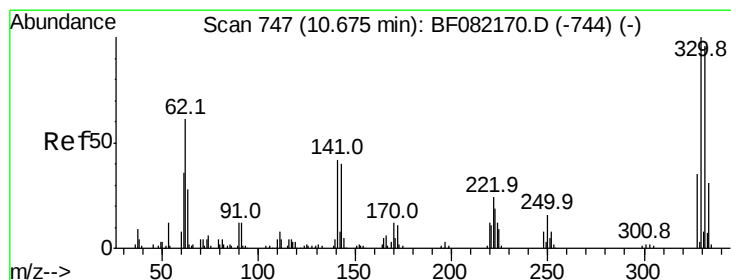
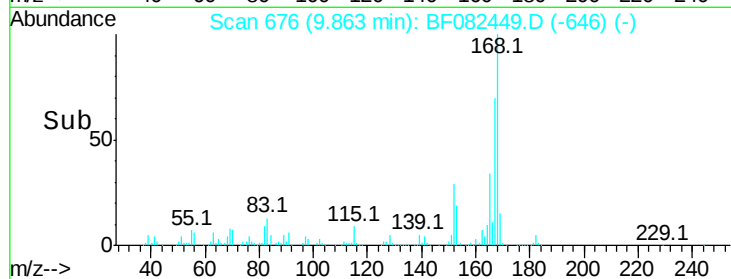
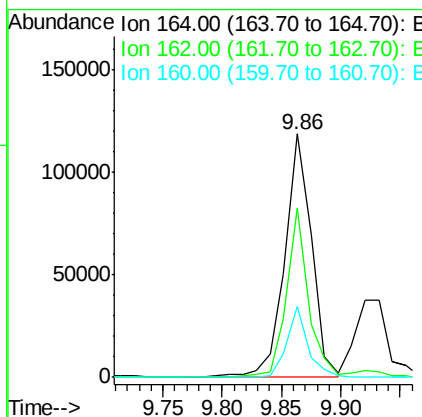
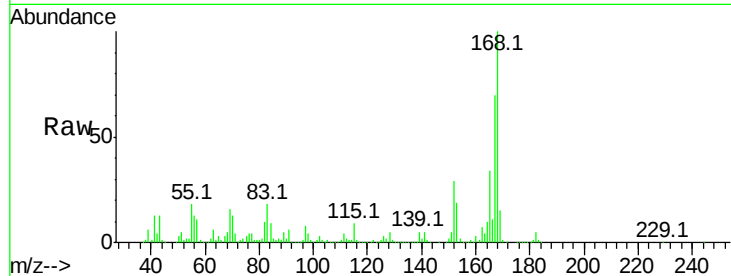
ClientSampleId :

EFFWWRE

Tot Ion:	164	Resp:	184066
Ion Ratio	Lower	Upper	
164	100		
162	69.8	81.6	122.4#
160	29.0	36.4	54.6#

Manual Integrations
APPROVED

mmdadoda
10/23/2015 4:45:11 PM



#41

2,4,6-Tribromophenol

Concen: 51.63 ng

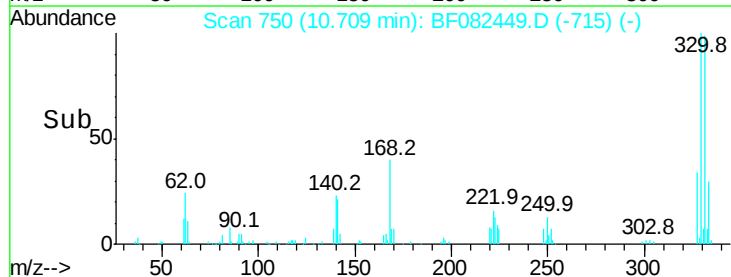
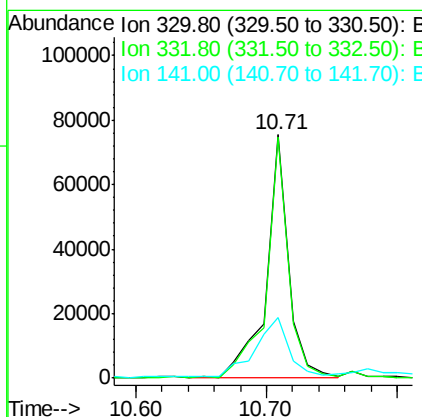
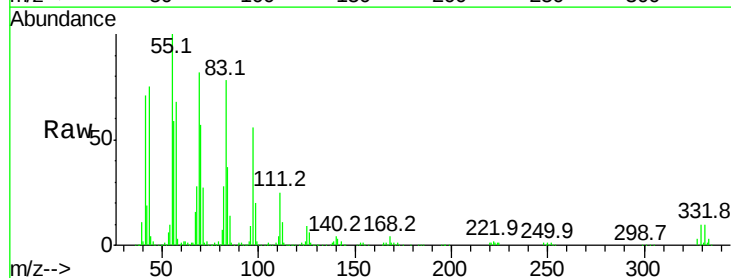
RT: 10.71 min Scan# 750

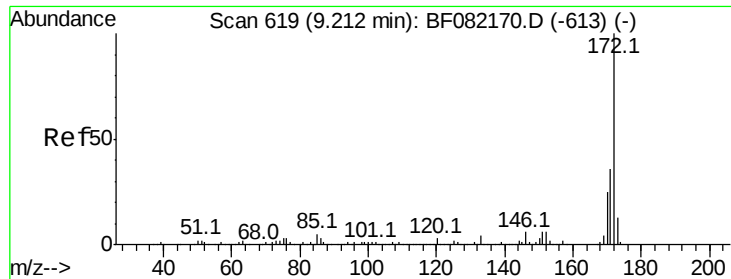
Delta R.T. 0.10 min

Lab File: BF082449.D

Acq: 22 Oct 2015 17:12

Tgt Ion:	330	Resp:	89127
Ion Ratio	Lower	Upper	
330	100		
332	99.5	77.1	115.7
141	36.3	29.8	44.8





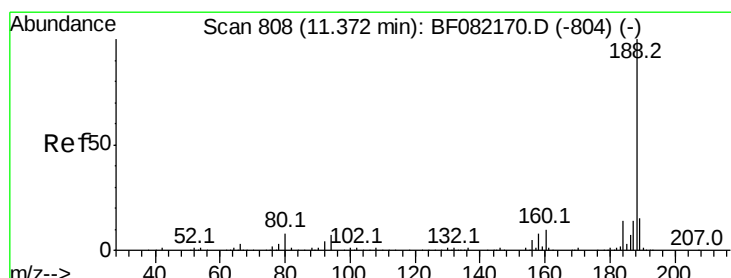
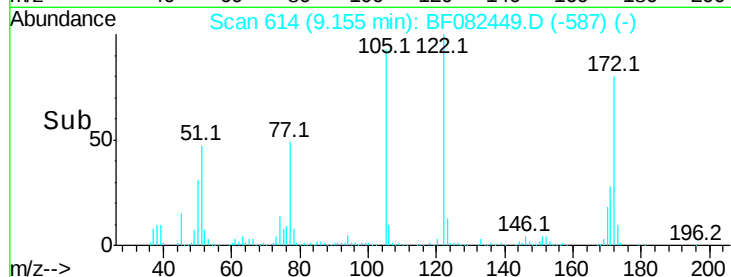
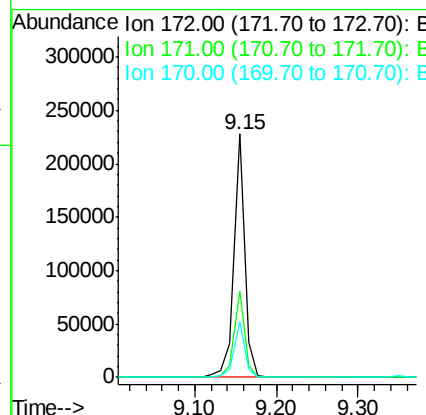
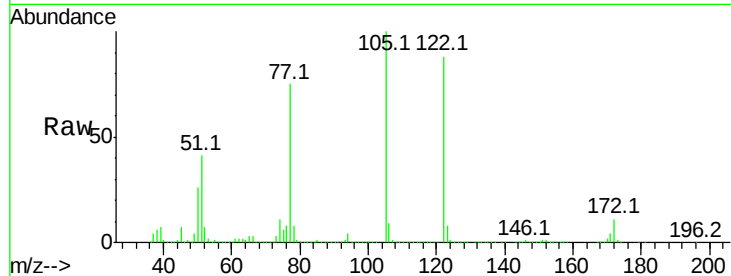
#44
2-Fluorobiphenyl
Concen: 18.95 ng
RT: 9.15 min Scan# 614
Delta R.T. 0.01 min
Lab File: BF082449.D
Acq: 22 Oct 2015 17:12

Instrument :
BNA_F
ClientSampleId :
EFFWWRE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.0	19.7	29.5

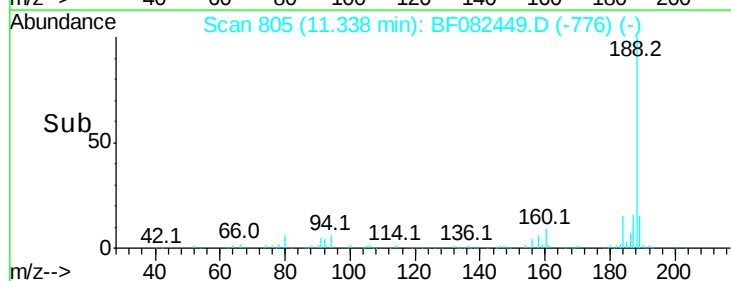
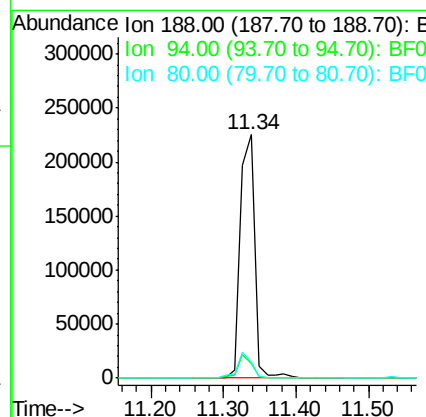
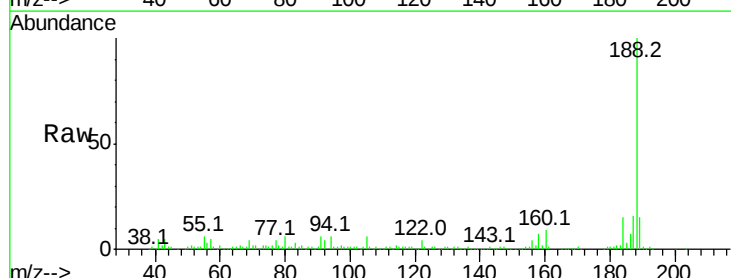
Manual Integrations
APPROVED

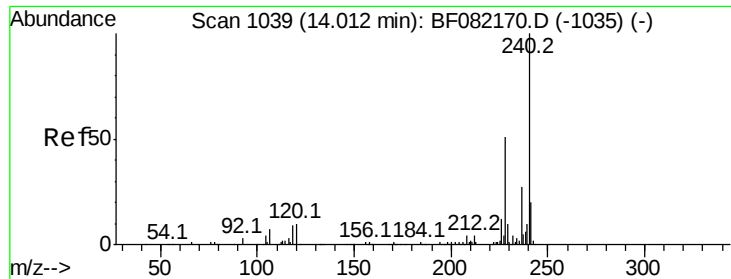
mmdadoda
10/23/2015 4:45:11 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. 0.03 min
Lab File: BF082449.D
Acq: 22 Oct 2015 17:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.8	8.6
80	6.2	6.4	9.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.07 min

Lab File: BF082449.D

Acq: 22 Oct 2015 17:12

Instrument :

BNA_F

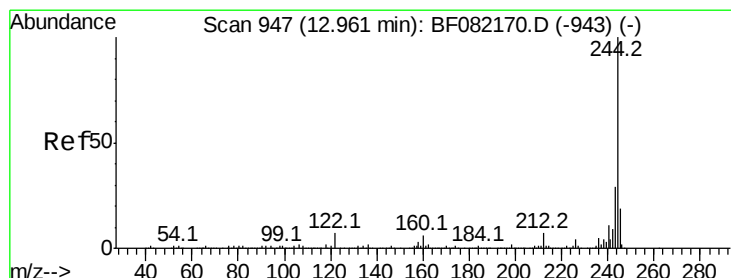
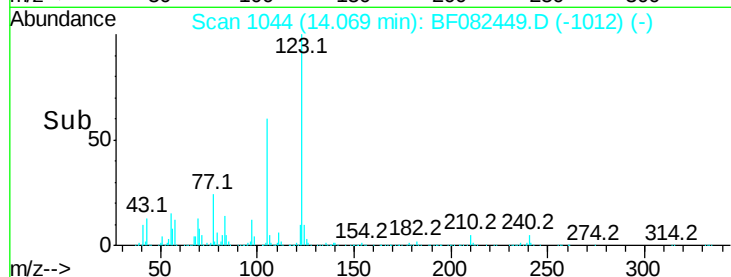
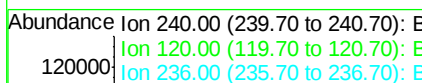
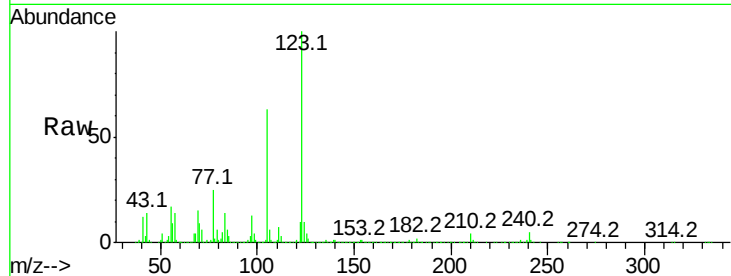
ClientSampleId :

EFFWWRE

Tot Ion:	240	Resp:	127784
Ion Ratio	Lower	Upper	
240	100		
120	15.7	8.1	12.1#
236	23.9	21.3	31.9

Manual Integrations
APPROVED

mmdadoda
10/23/2015 4:45:11 PM



#78

Terphenyl-d14

Concen: 68.57 ng

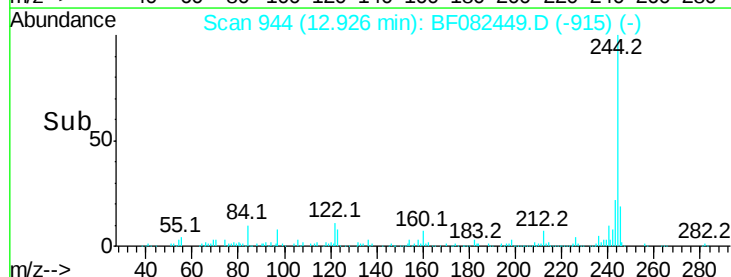
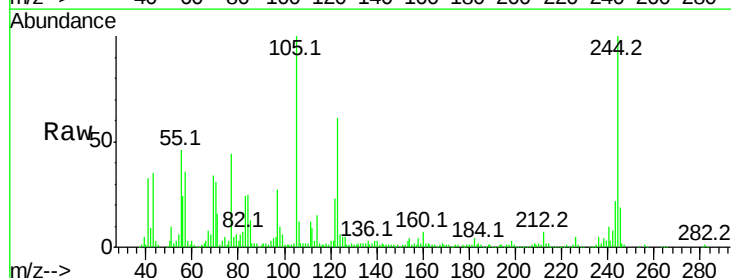
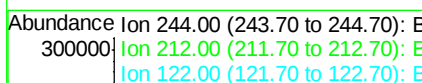
RT: 12.93 min Scan# 944

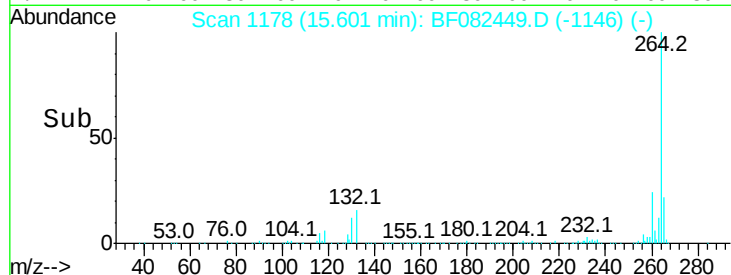
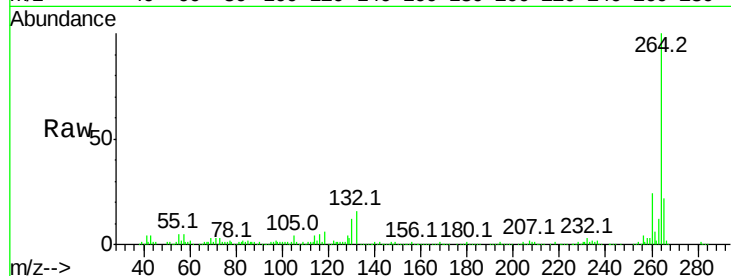
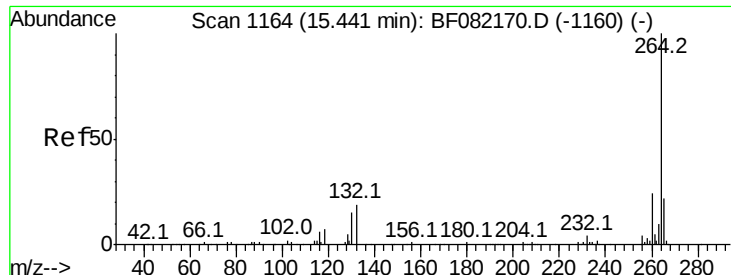
Delta R.T. 0.03 min

Lab File: BF082449.D

Acq: 22 Oct 2015 17:12

Tgt Ion:	244	Resp:	330647
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.6
122	22.8	5.9	8.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1178
 Delta R.T. 0.07 min
 Lab File: BF082449.D
 Acq: 22 Oct 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 EFFWWRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.8	17.3	25.9

Manual Integrations
 APPROVED

mmdadoda
 10/23/2015 4:45:11 PM

