

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081941.D
 Acq On : 1 Oct 2015 16:09
 Operator : UM/IZ
 Sample : G3707-03
 Misc : LOD 8 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 6:04:43 PM

Quant Time: Oct 02 15:20:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	114383	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	474717	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	227578	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	461232	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	451156	20.00	ng	-0.06
86) Perylene-d12	15.51	264	358427	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	664053	105.39	ng	-0.02
7) Phenol-d6	6.53	99	911530	114.97	ng	-0.03
23) Nitrobenzene-d5	7.46	82	571231	80.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	267952	116.26	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1120097	81.75	ng	-0.05
78) Terphenyl-d14	13.01	244	1173971	83.68	ng	-0.05
Target Compounds						
53) 2,4-Dinitrophenol	10.02	184	1284m	Below Cal	Qvalue	
61) 4-Nitroaniline	10.51	138	23272m	5.88 ng		

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

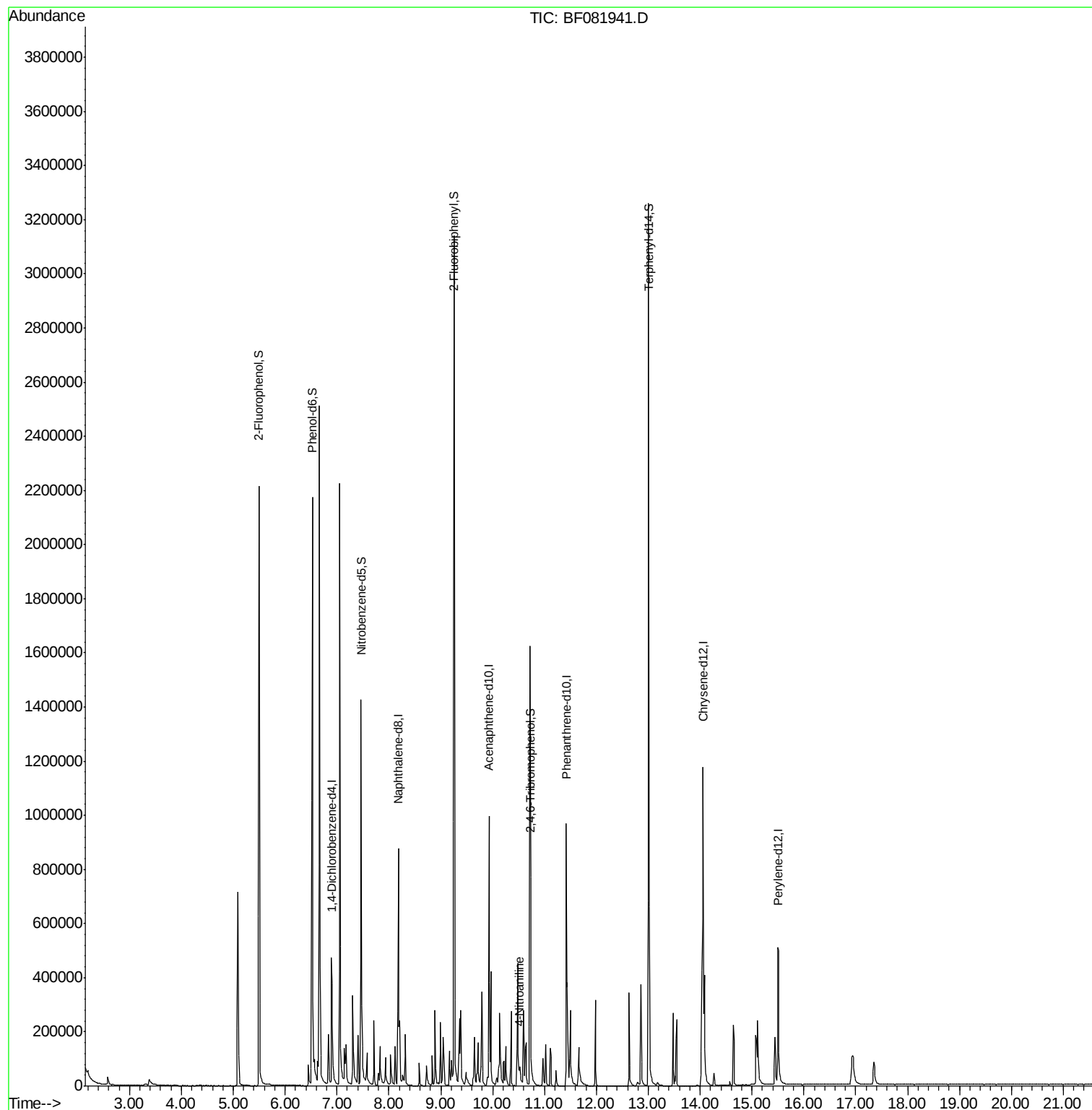
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081941.D
Acq On : 1 Oct 2015 16:09
Operator : UM/IZ
Sample : G3707-03
Misc : LOD 8 PPM
ALS Vial : 12 Sample Multiplier: 1

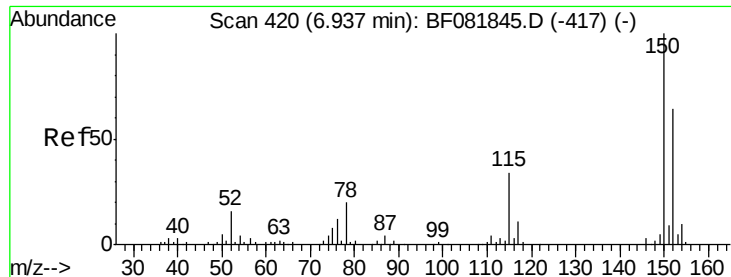
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Manual Integrations
APPROVED

MMDadoda
10/2/2015 6:04:43 PM

Quant Time: Oct 02 15:20:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081941.D

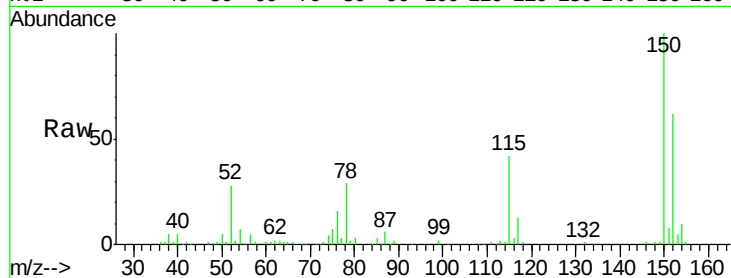
Acq: 1 Oct 2015 16:09

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01



Tgt Ion:152 Resp: 114383

Ion Ratio Lower Upper

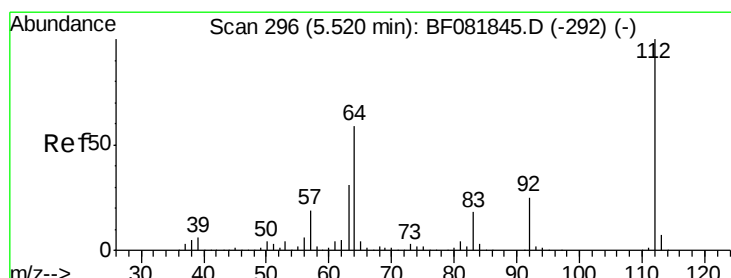
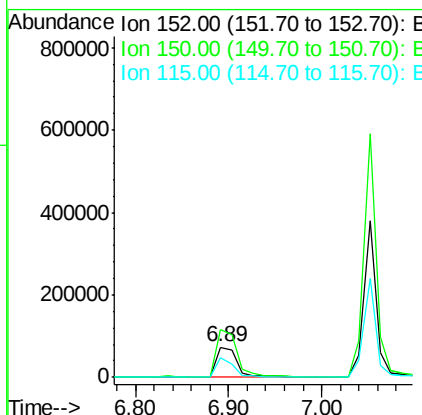
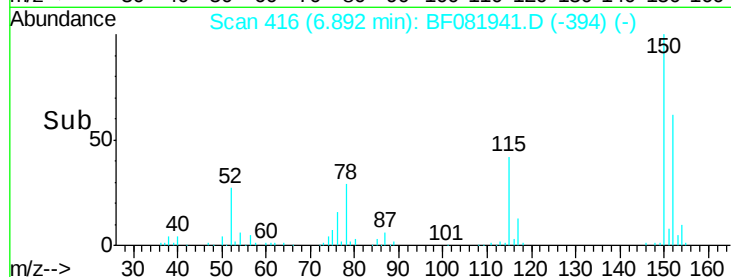
152 100

150 160.8 124.7 187.1

115 66.8 39.0 58.4#

Manual Integrations
APPROVED

MMDadoda
10/2/2015 6:04:43 PM



#5

2-Fluorophenol

Concen: 105.39 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081941.D

Acq: 1 Oct 2015 16:09

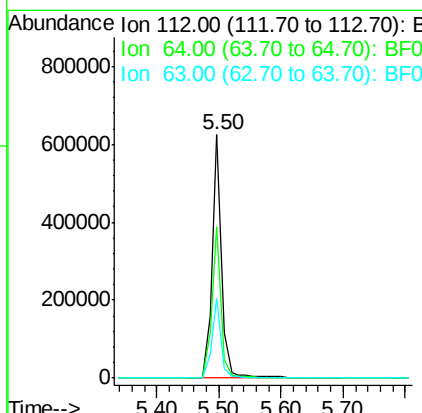
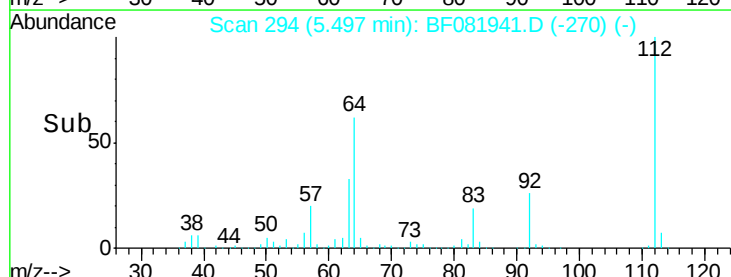
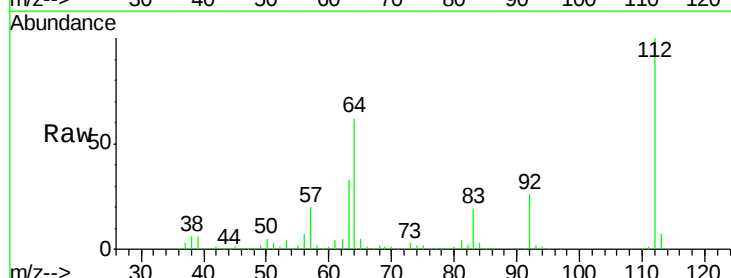
Tgt Ion:112 Resp: 664053

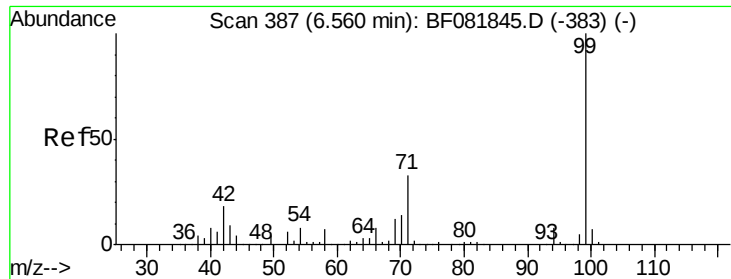
Ion Ratio Lower Upper

112 100

64 62.3 39.7 59.5#

63 32.6 17.4 26.0#





#7

Phenol-d6

Concen: 114.97 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081941.D

Acq: 1 Oct 2015 16:09

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 99 Resp: 911530
Ion Ratio Lower Upper

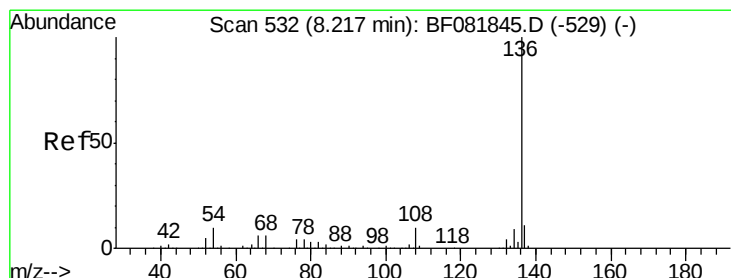
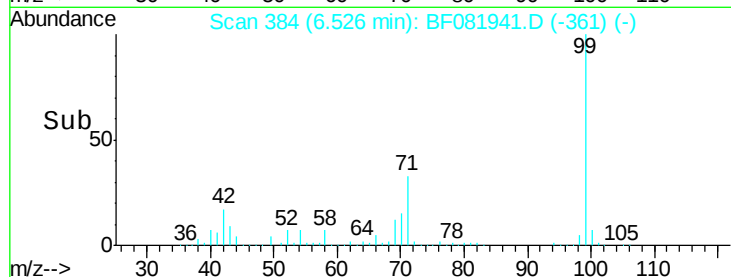
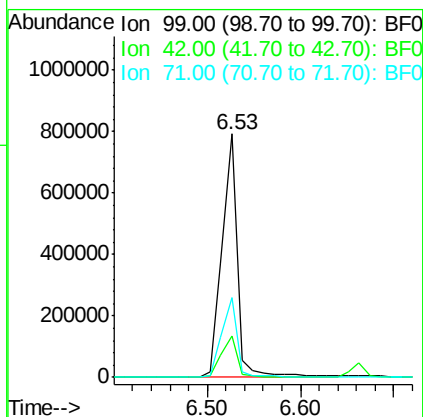
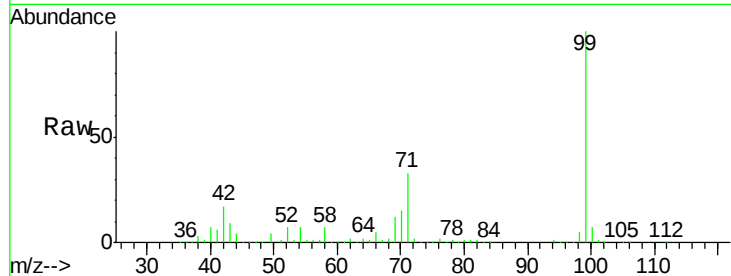
99 100

42 16.9 13.7 20.5

71 33.0 14.2 21.2#

Manual Integrations
APPROVED

MMDadoda
10/2/2015 6:04:43 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081941.D

Acq: 1 Oct 2015 16:09

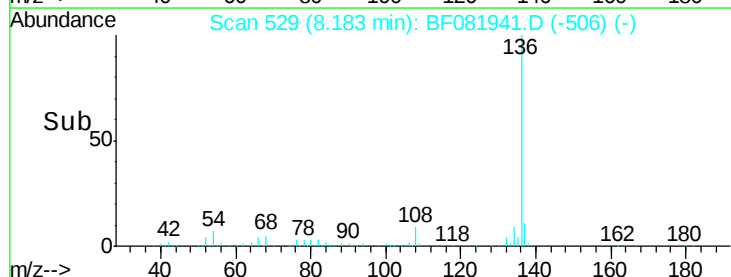
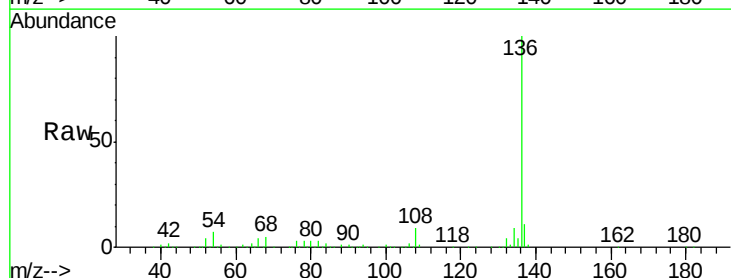
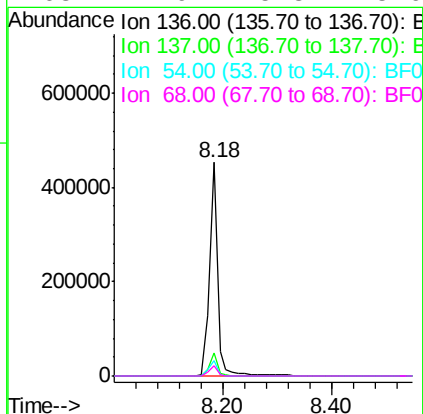
Tgt Ion: 136 Resp: 474717
Ion Ratio Lower Upper

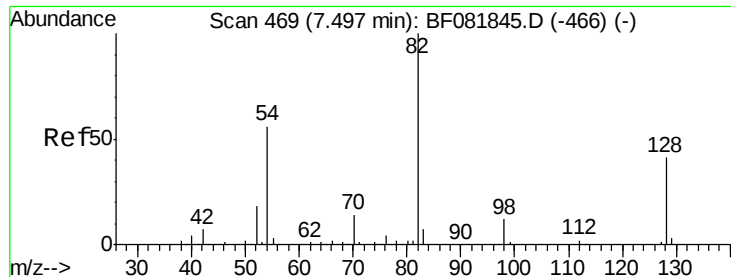
136 100

137 10.8 9.0 13.6

54 7.2 8.2 12.2#

68 4.9 5.8 8.6#





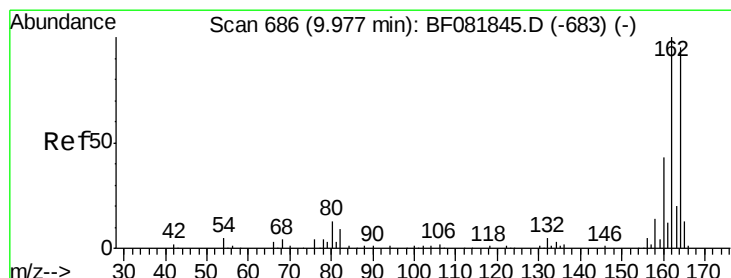
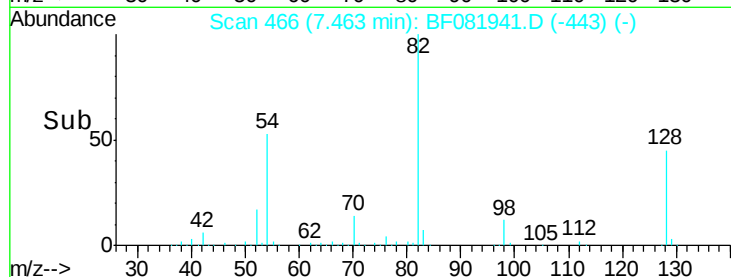
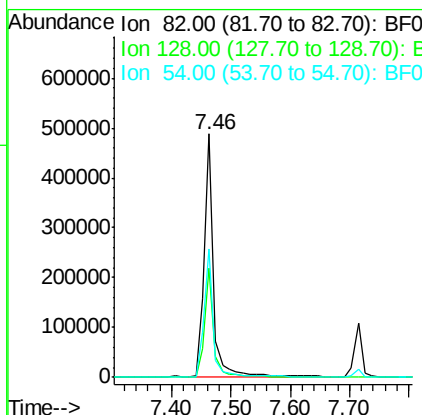
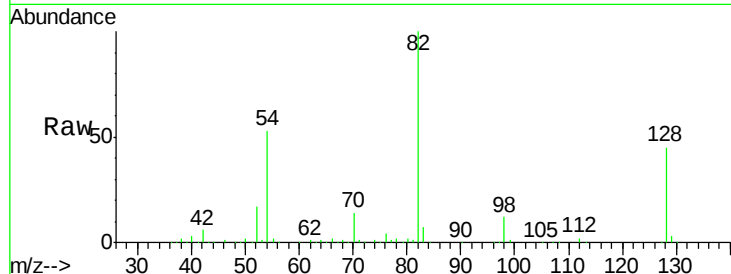
#23
 Nitrobenzene-d5
 Concen: 80.21 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081941.D
 Acq: 1 Oct 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	51.0	76.6#
54	52.8	47.5	71.3

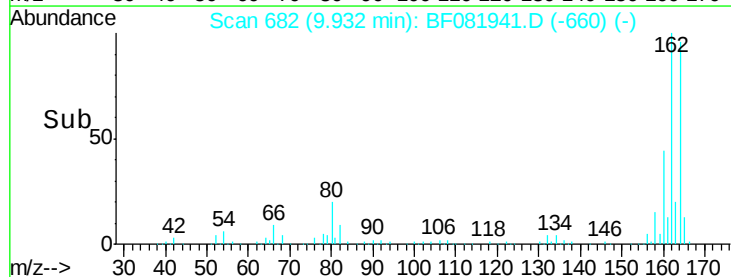
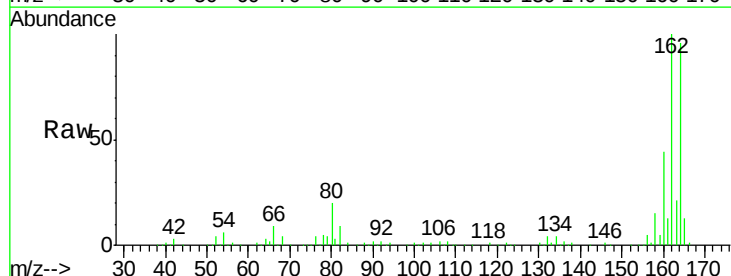
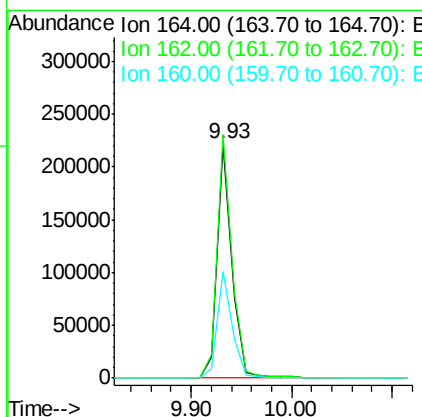
Manual Integrations
 APPROVED

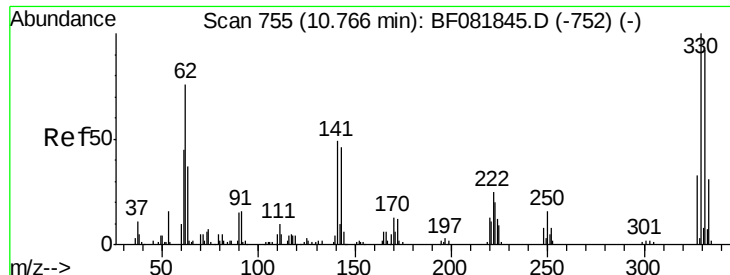
MMDadoda
 10/2/2015 6:04:43 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081941.D
 Acq: 1 Oct 2015 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	75.2	112.8
160	45.8	31.5	47.3





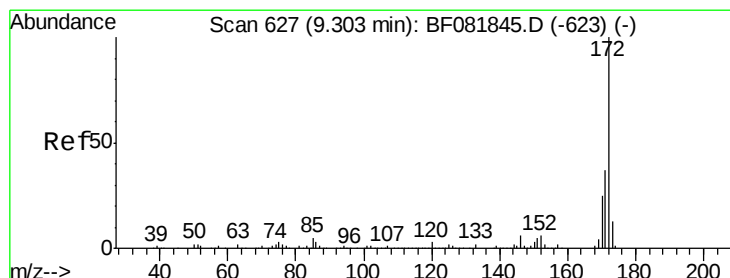
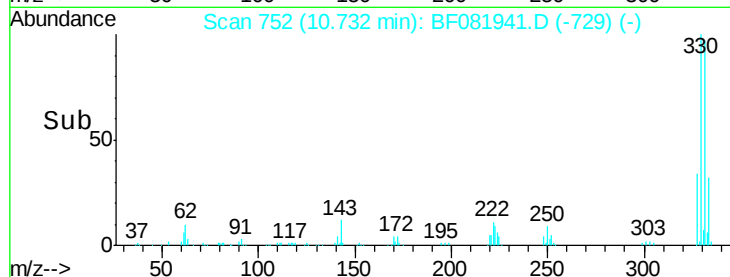
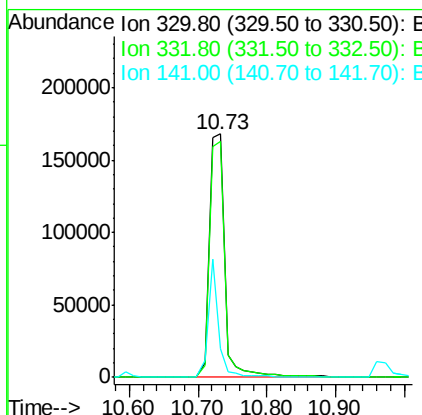
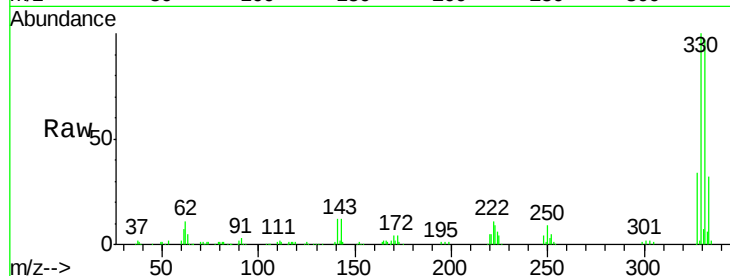
#41
 2,4,6-Tribromophenol
 Concen: 116.26 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081941.D
 Acq: 1 Oct 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	267952		
332	97.2	76.6	114.8	
141	32.8	29.7	44.5	

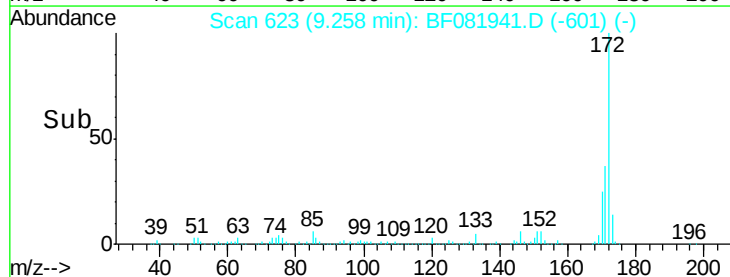
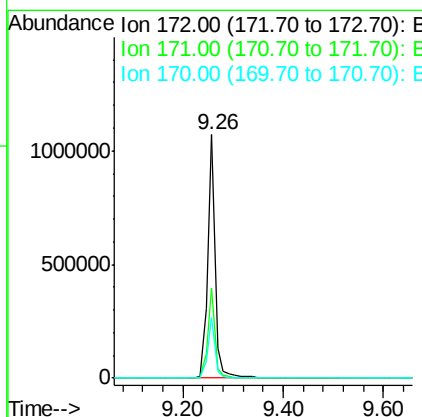
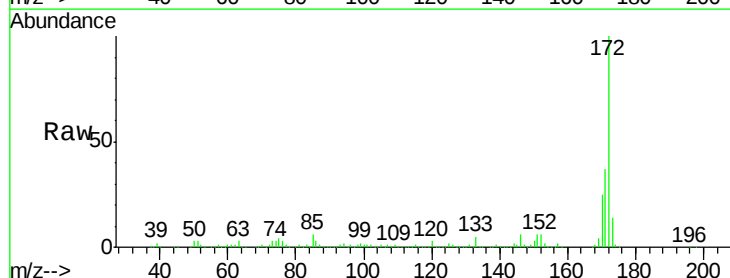
Manual Integrations
 APPROVED

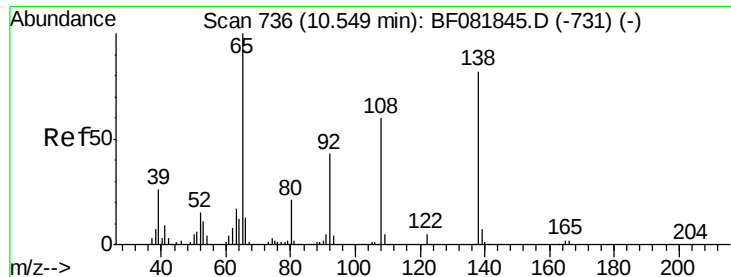
MMDadoda
 10/2/2015 6:04:43 PM



#44
 2-Fluorobiphenyl
 Concen: 81.75 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081941.D
 Acq: 1 Oct 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1120097		
171	36.8	26.1	39.1	
170	25.1	17.4	26.2	





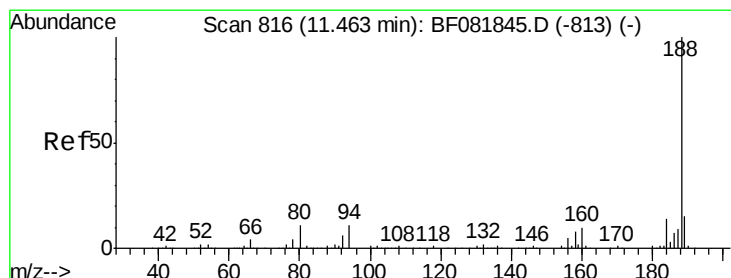
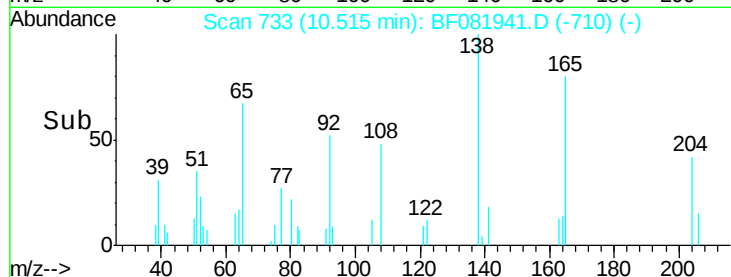
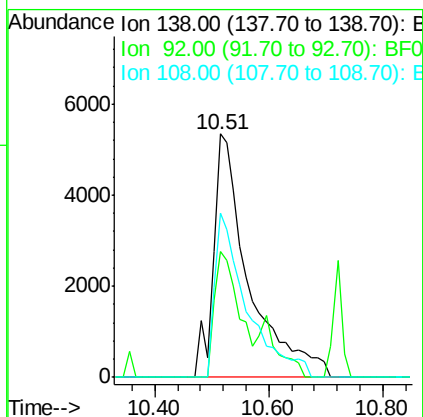
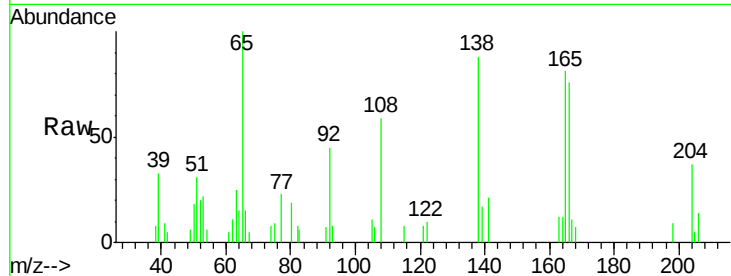
#61
4-Nitroaniline
Concen: 5.88 ng m
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081941.D
Acq: 1 Oct 2015 16:09

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	12.6	52.6
108	67.7	12.4	52.4#

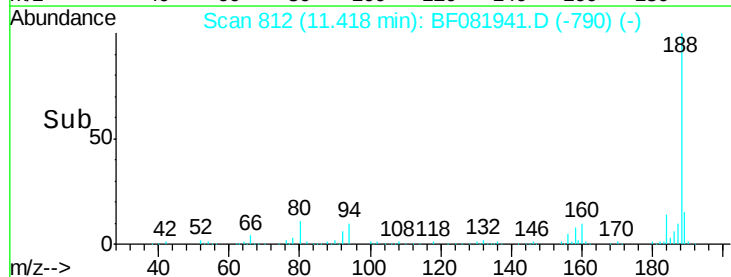
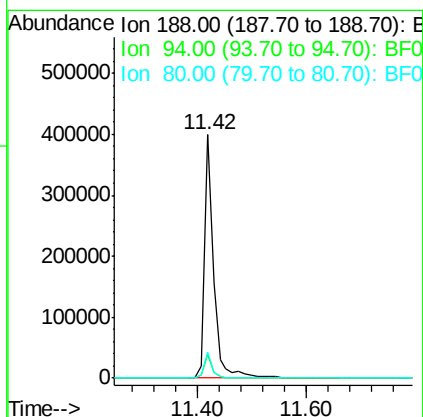
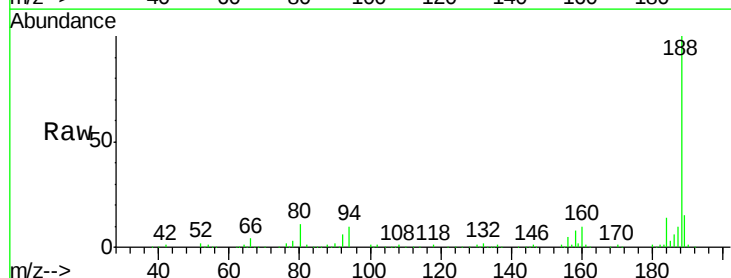
Manual Integrations
APPROVED

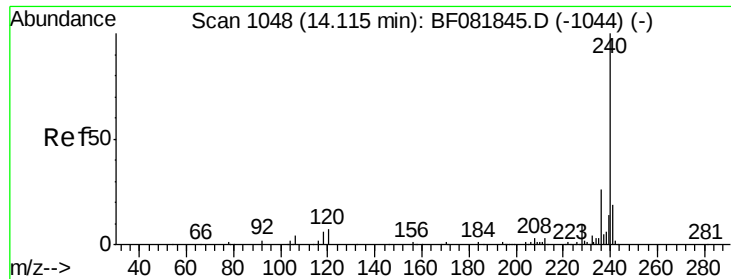
MMDadoda
10/2/2015 6:04:43 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081941.D
Acq: 1 Oct 2015 16:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	11.1	16.7#
80	10.7	11.0	16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081941.D

Acq: 1 Oct 2015 16:09

Instrument :

BNA_F

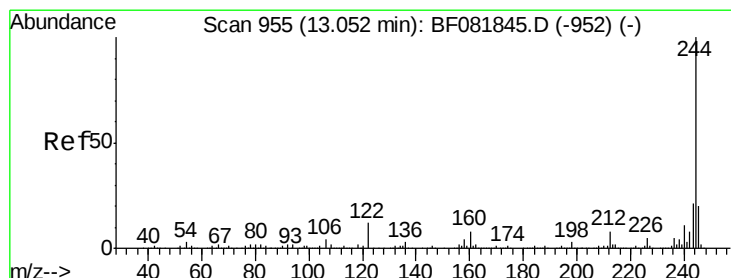
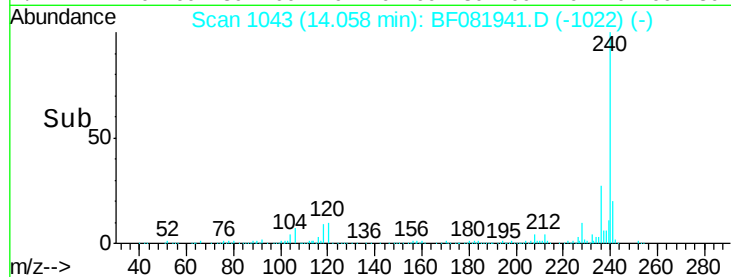
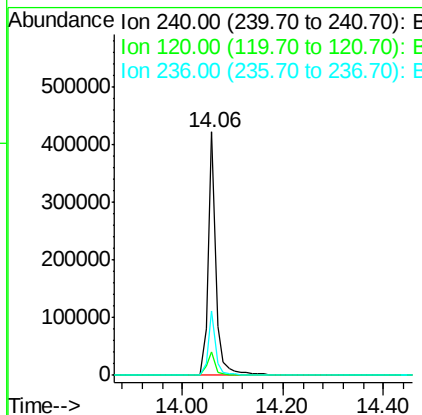
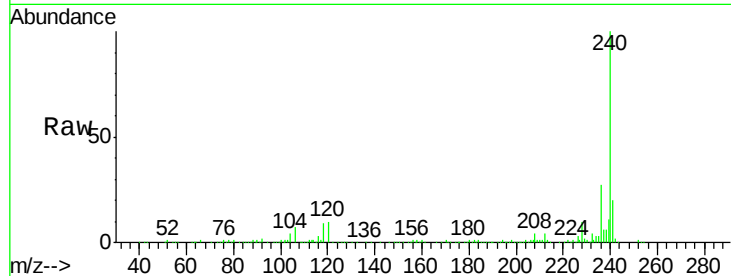
ClientSampleId :

LOD-SOIL2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	451156		
120	9.6	16.2	24.2#	
236	26.6	18.4	27.6	

Manual Integrations
APPROVED

MMDadoda
10/2/2015 6:04:43 PM



#78

Terphenyl-d14

Concen: 83.68 ng

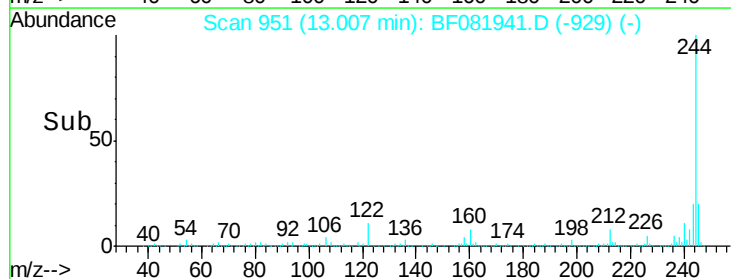
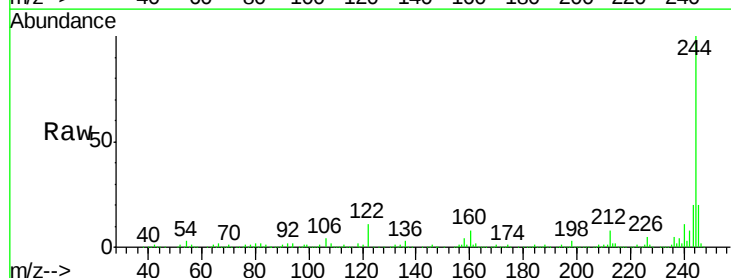
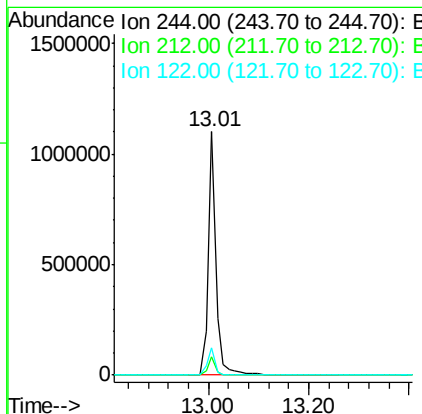
RT: 13.01 min Scan# 951

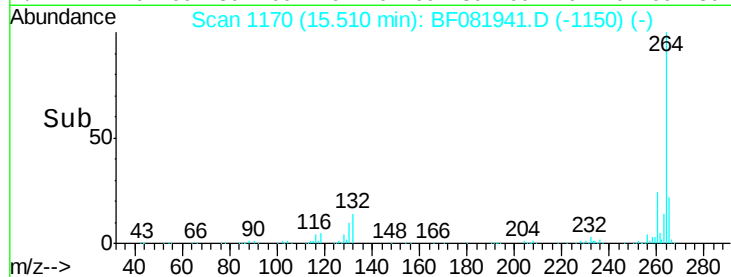
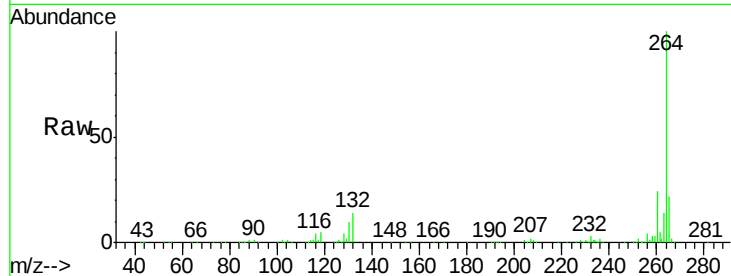
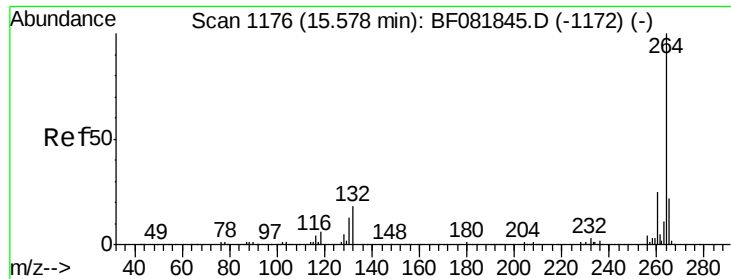
Delta R.T. -0.05 min

Lab File: BF081941.D

Acq: 1 Oct 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1173971		
212	7.7	4.3	6.5#	
122	11.2	17.4	26.2#	





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081941.D
Acq: 1 Oct 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	358427		
260	24.4	16.7	25.1	
265	21.8	17.2	25.8	

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Manual Integrations
APPROVED

MMDadoda
10/2/2015 6:04:43 PM

