

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
 Data File : BF089305.D
 Acq On : 26 Jul 2016 11:08
 Operator : UM/SJ
 Sample : H4207-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NW-1

Manual Integrations
 APPROVED

sohil
 7/27/2016 7:11:44 PM

Quant Time: Jul 26 13:35:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43039m	20.00	ng	-0.02
21) Naphthalene-d8	7.84	136	195881	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	87794	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	173083	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	120474	20.00	ng	-0.01
86) Perylene-d12	15.02	264	78345	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	406666	143.70	ng	-0.01
7) Phenol-d6	6.22	99	543869	149.03	ng	-0.01
23) Nitrobenzene-d5	7.13	82	350313	95.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	96639	122.26	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	519854	81.59	ng	-0.01
78) Terphenyl-d14	12.64	244	511733	92.13	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	180087	26.73	ng	99
73) Di-n-butylphthalate	11.62	149	91005	8.49	ng	99
77) Pyrene	12.47	202	23110	2.32	ng	97
79) Butylbenzylphthalate	13.12	149	56569	13.44	ng	99
80) Benzo(a)anthracene	13.67	228	19959	2.60	ng	99
82) Chrysene	13.70	228	21603	2.95	ng	95
83) Bis(2-ethylhexyl)phthalate	13.69	149	239881	42.97	ng	# 94
84) Di-n-octyl phthalate	14.30	149	74908	8.13	ng	# 69

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

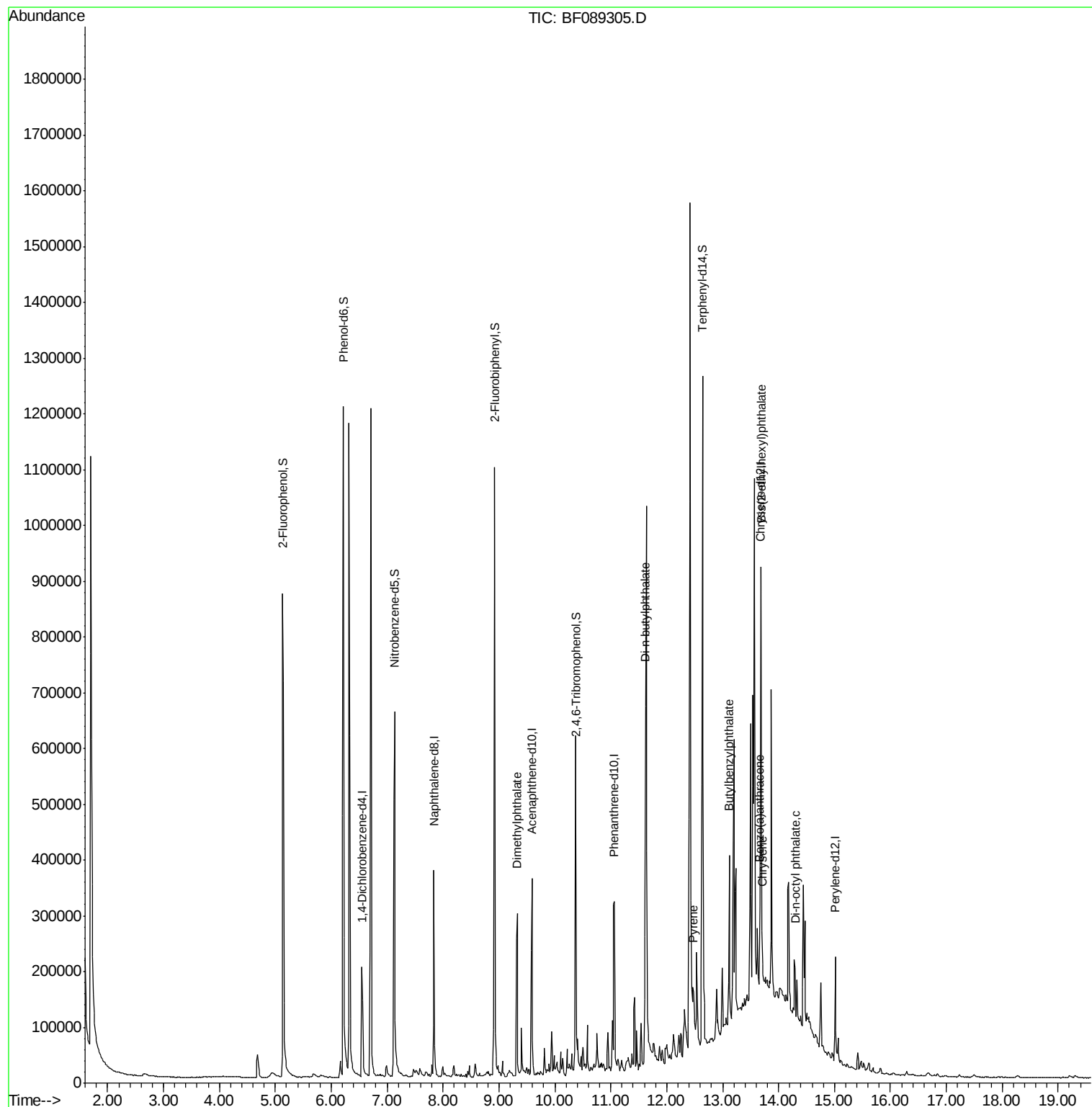
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
Data File : BF089305.D
Acq On : 26 Jul 2016 11:08
Operator : UM/SJ
Sample : H4207-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

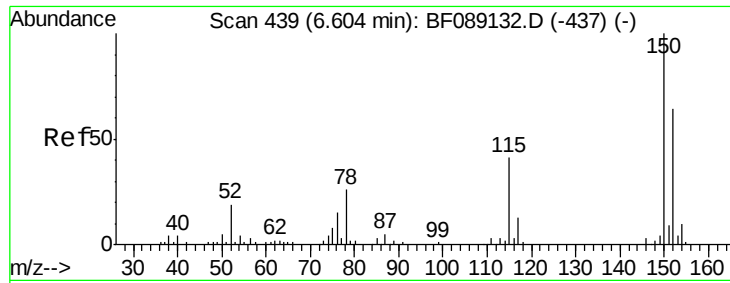
Instrument :
BNA_F
ClientSampleId :
NW-1

Manual Integrations
APPROVED

sohil
7/27/2016 7:11:44 PM

Quant Time: Jul 26 13:35:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration





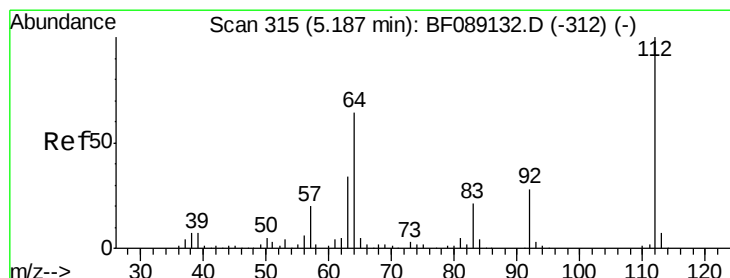
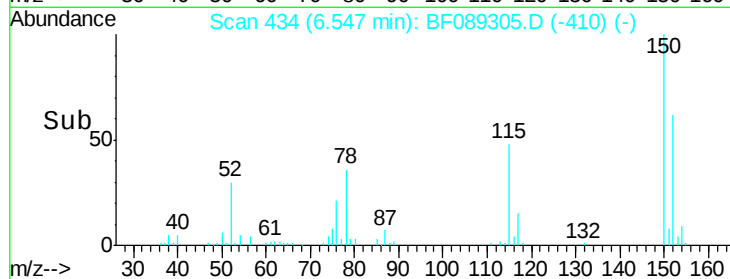
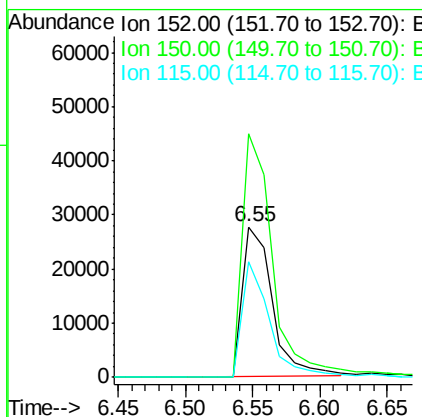
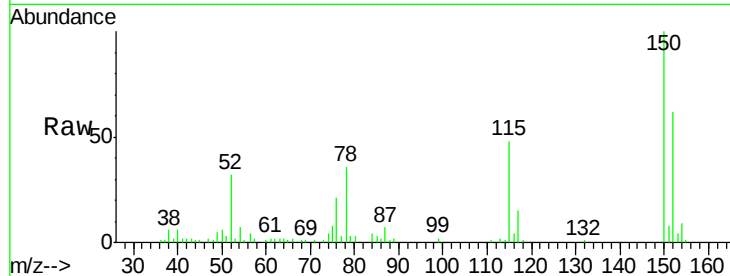
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/ml
 RT: 6.55 min Scan# 434
 Delta R.T. -0.02 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :
 NW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	125.1	187.7
115	77.0	51.1	76.7

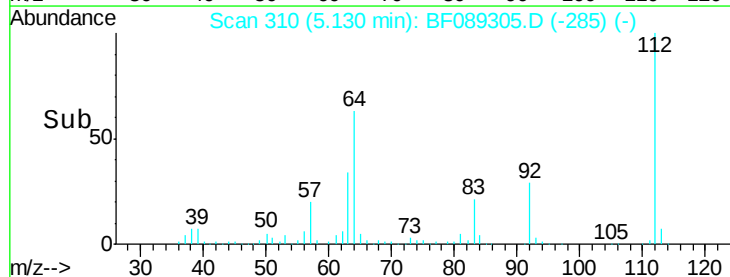
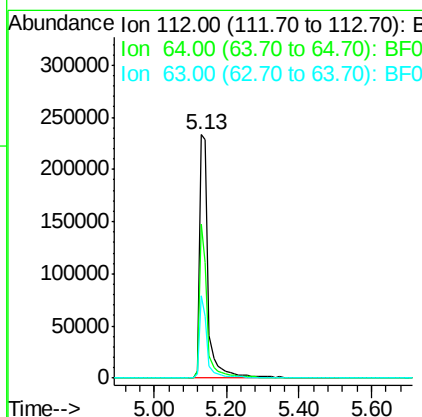
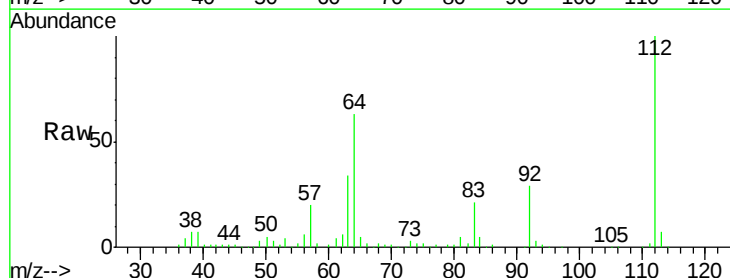
Manual Integrations
 APPROVED

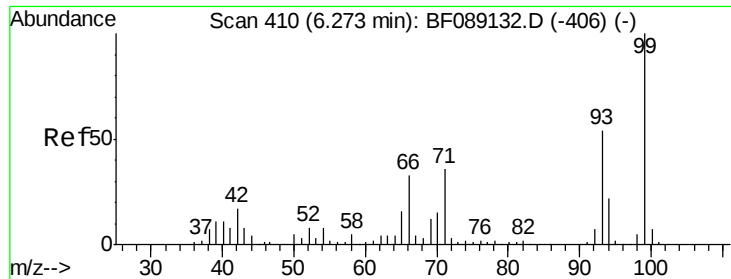
sohil
 7/27/2016 7:11:44 PM



#5
 2-Fluorophenol
 Concen: 143.70 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.0	76.4
63	33.9	27.3	40.9





#7

Phenol-d6

Concen: 149.03 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Instrument :

BNA_F

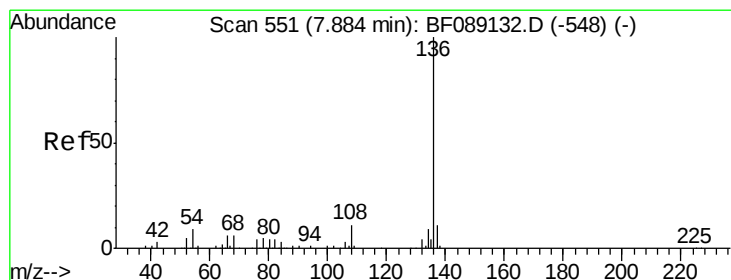
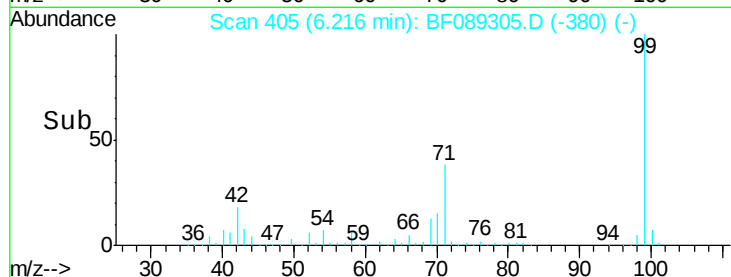
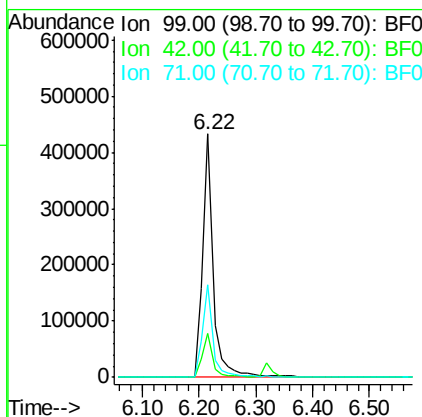
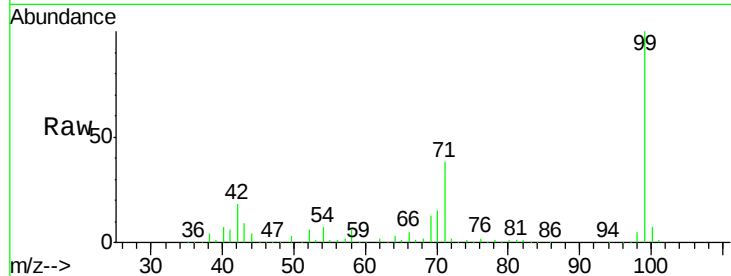
ClientSampled :

NW-1

Tot Ion:	99	Resp:	543869
Ion Ratio	Lower	Upper	
99	100		
42	17.9	13.5	20.3
71	37.9	28.9	43.3

Manual Integrations
APPROVED

sohil
7/27/2016 7:11:44 PM



#21

Naphthalene-d8

Concen: 20.00 ng

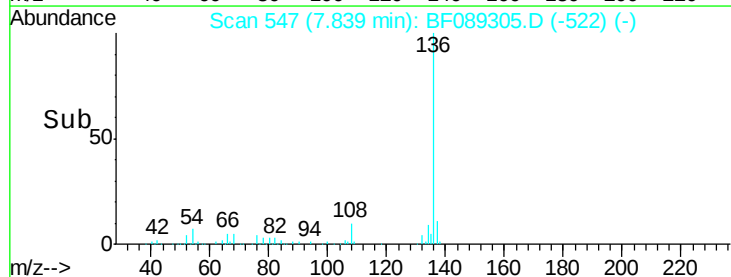
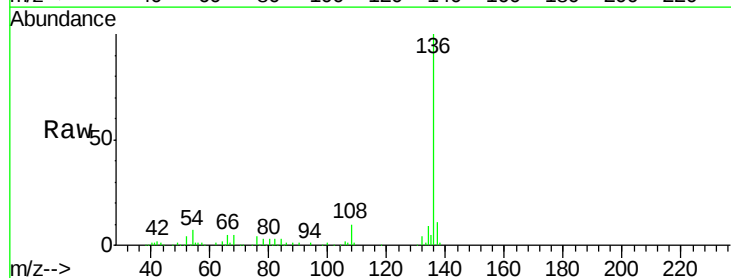
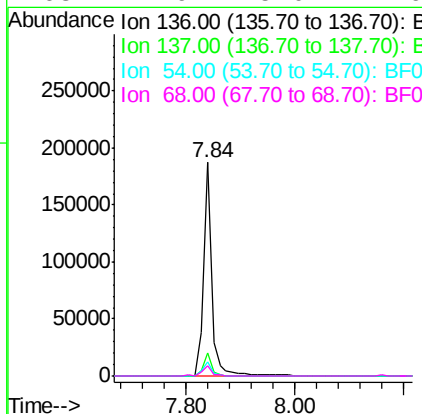
RT: 7.84 min Scan# 547

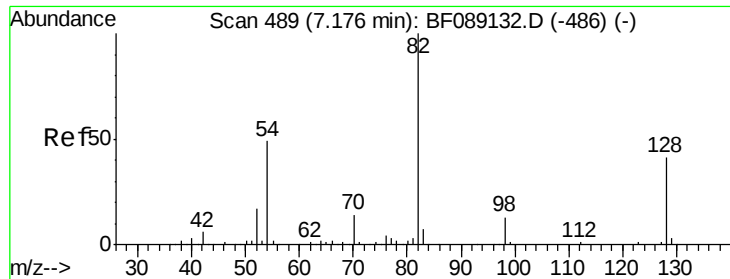
Delta R.T. -0.01 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Tgt Ion:	136	Resp:	195881
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	6.6	7.0	10.4#
68	4.9	5.0	7.6#





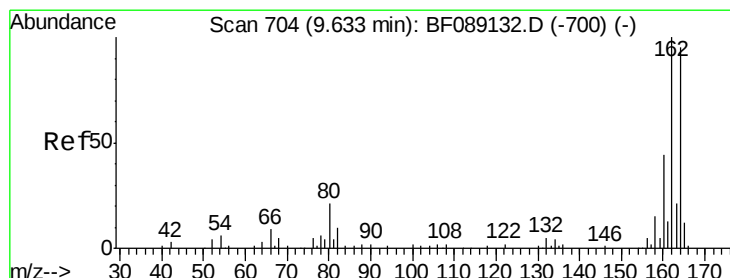
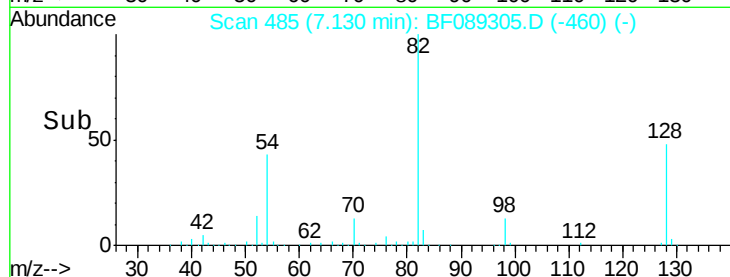
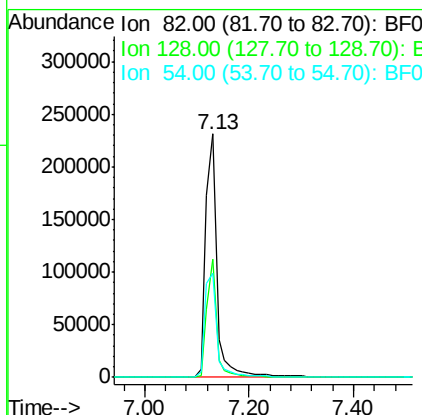
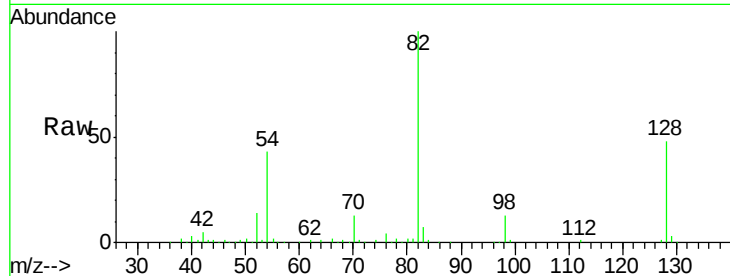
#23
 Nitrobenzene-d5
 Concen: 95.02 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

Instrument :
 BNA_F
 ClientSampled :
 NW-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.4	33.0	49.6	
54	42.7	39.0	58.4	

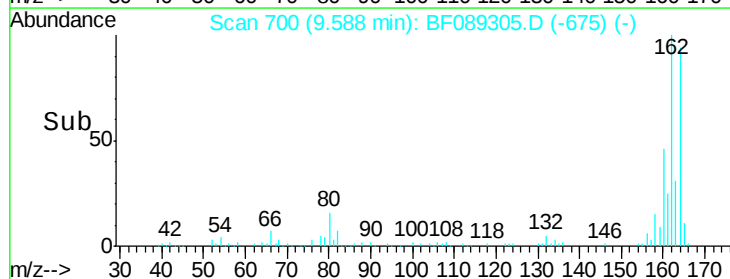
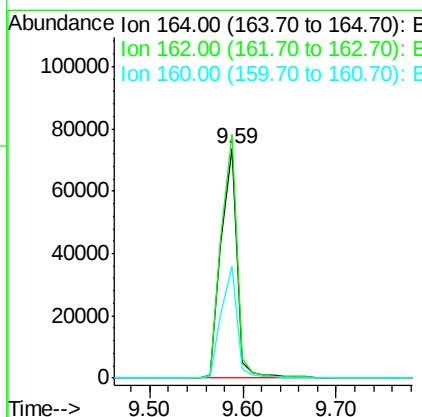
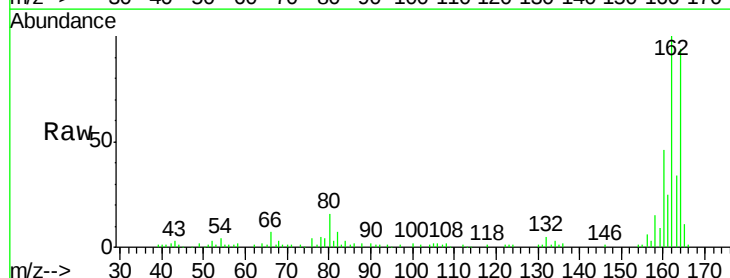
Manual Integrations
 APPROVED

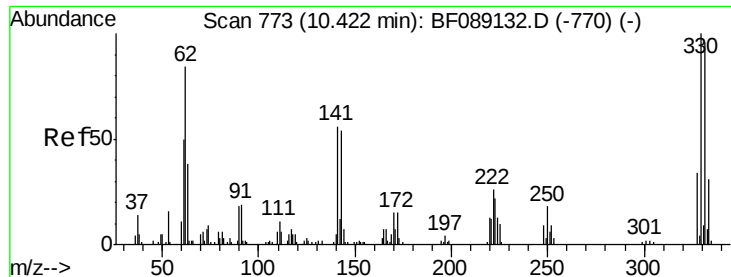
sohil
 7/27/2016 7:11:44 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.3	84.1	126.1	
160	48.8	37.1	55.7	





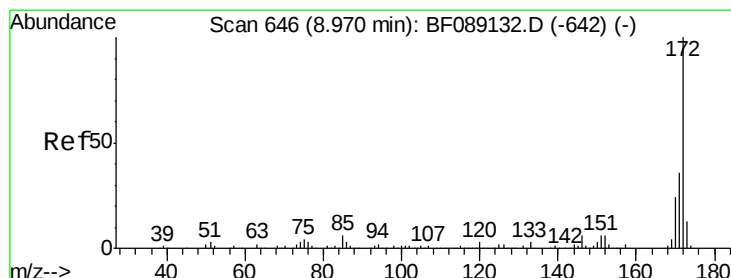
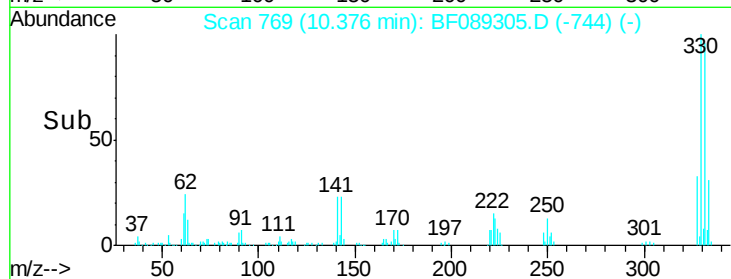
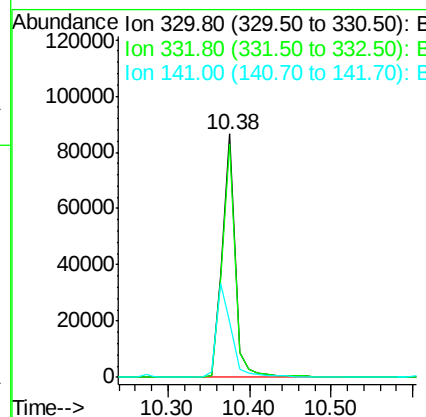
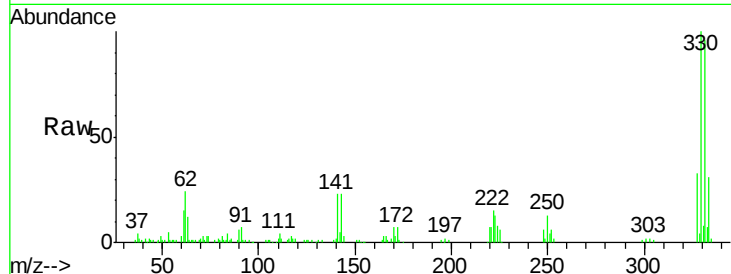
#41
 2,4,6-Tribromophenol
 Concen: 122.26 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

Instrument :
 BNA_F
 ClientSampled :
 NW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	44.3	42.2	63.2

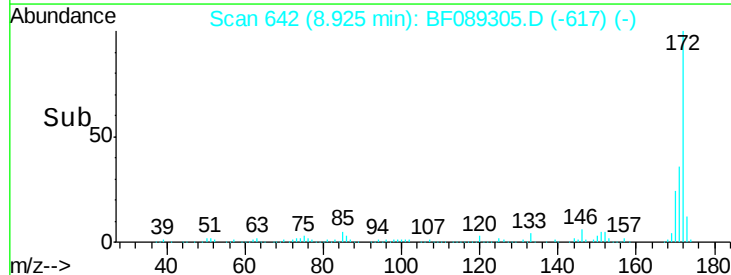
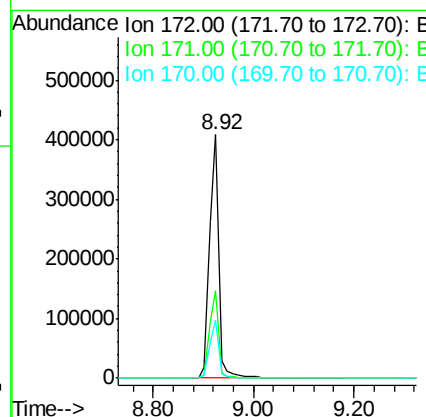
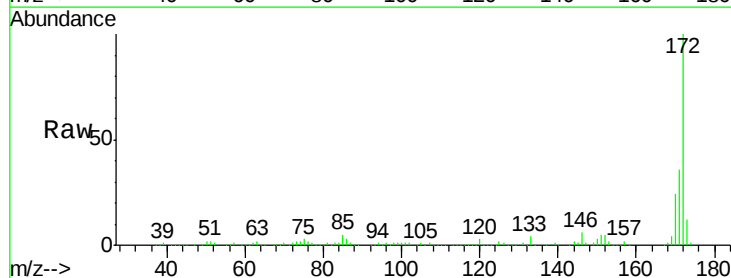
Manual Integrations
 APPROVED

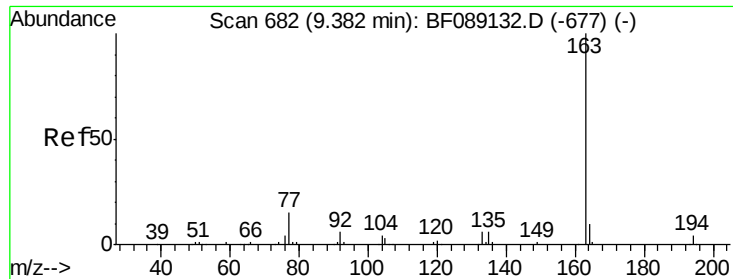
sohil
 7/27/2016 7:11:44 PM



#44
 2-Fluorobiphenyl
 Concen: 81.59 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.6	19.1	28.7





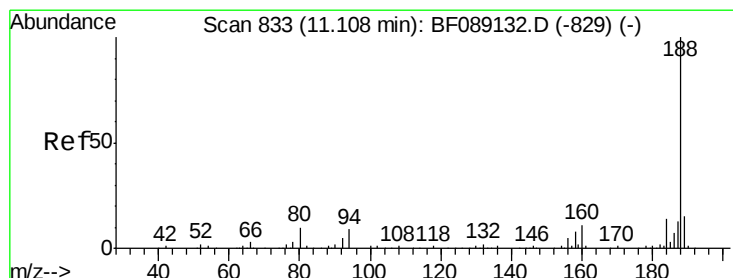
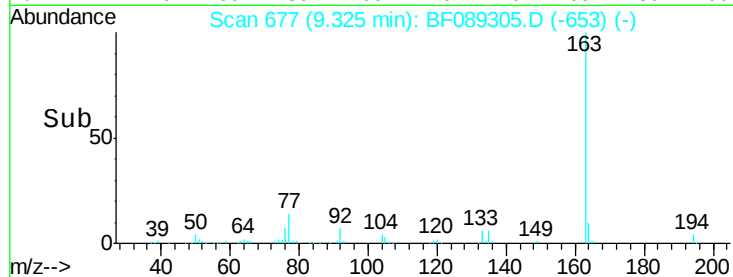
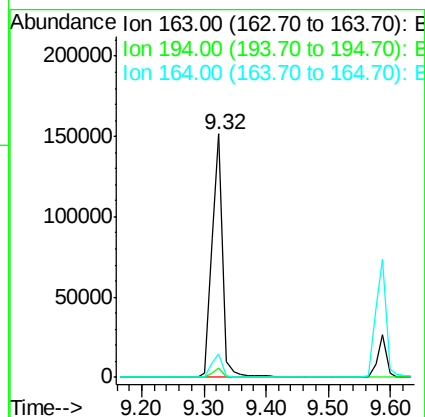
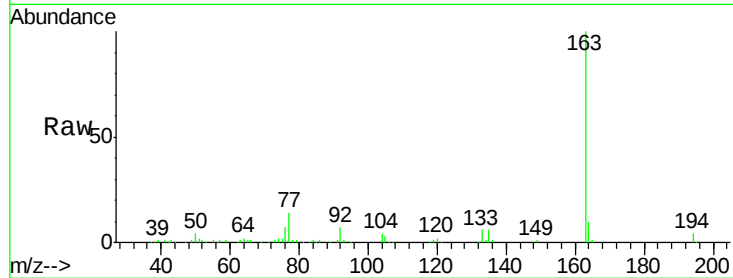
#49
Dimethylphthalate
Concen: 26.73 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Instrument :
BNA_F
ClientSampleId :
NW-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	180087		
194	3.9		2.9	4.3
164	9.9		7.6	11.4

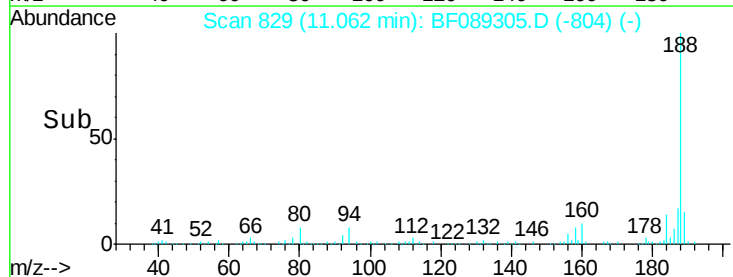
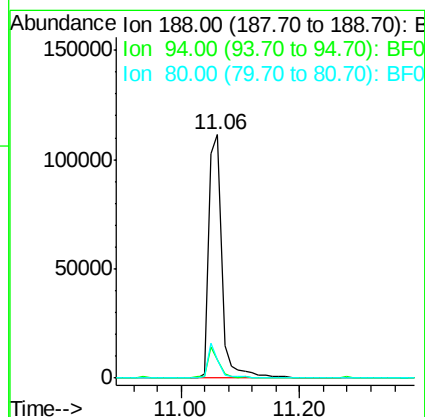
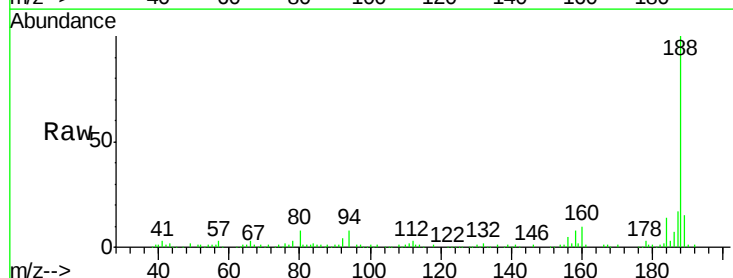
Manual Integrations
APPROVED

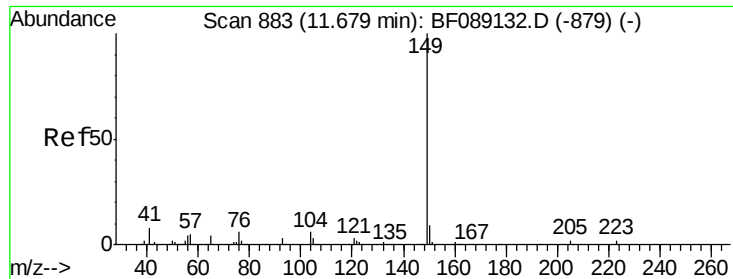
sohil
7/27/2016 7:11:44 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	173083		
94	7.6		7.0	10.4
80	7.8		7.7	11.5





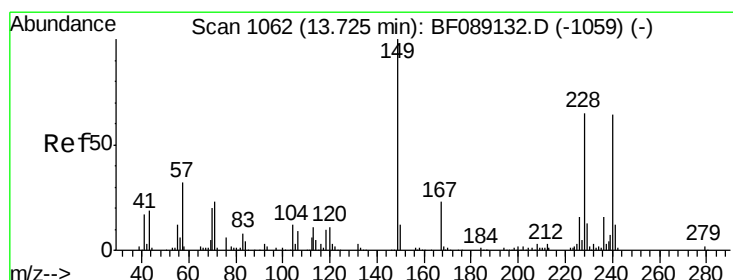
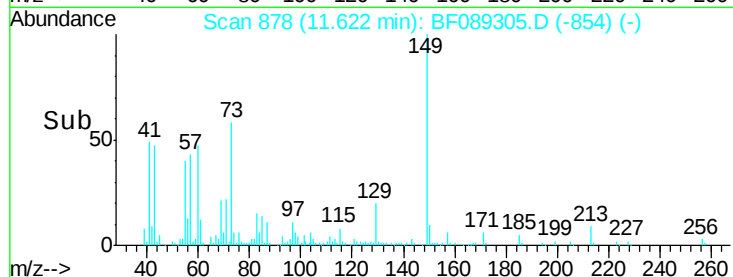
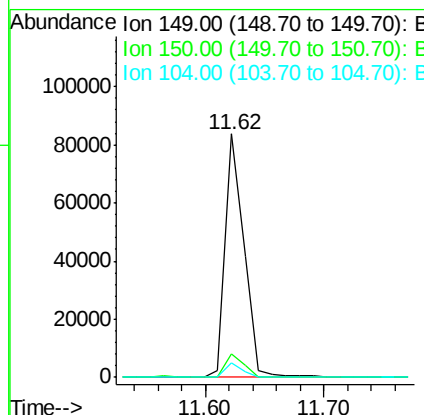
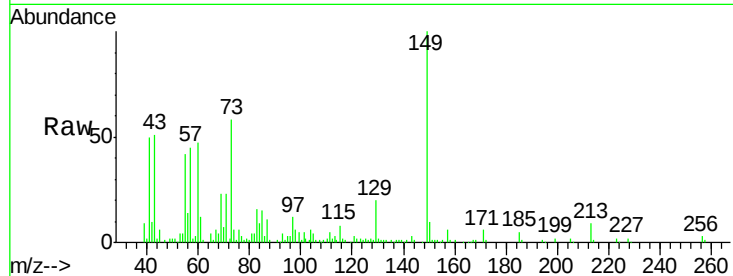
#73
Di-n-butylphthalate
Concen: 8.49 ng
RT: 11.62 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Instrument :
BNA_F
ClientSampled :
NW-1

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.9	4.6	6.8

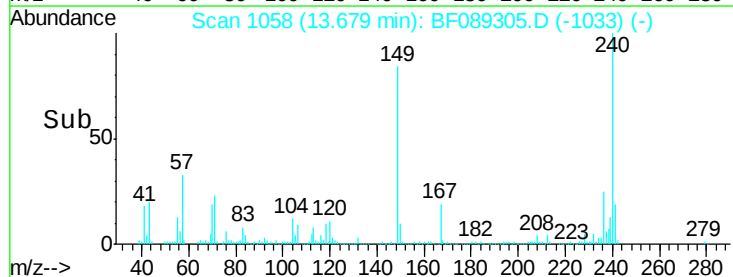
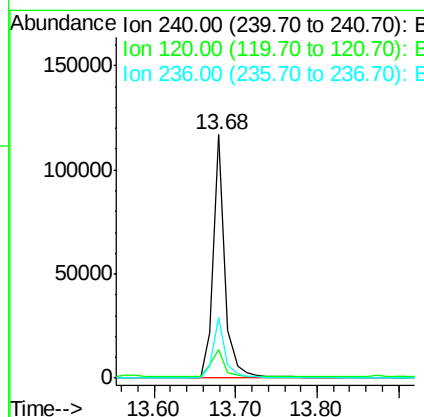
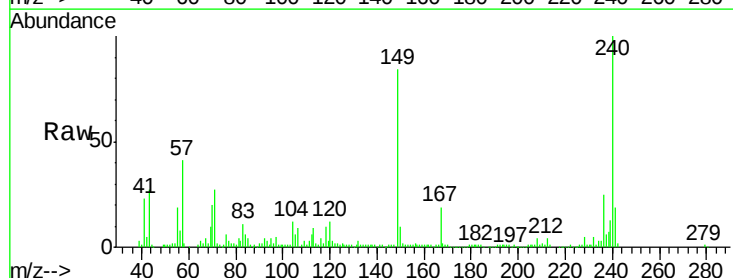
Manual Integrations
APPROVED

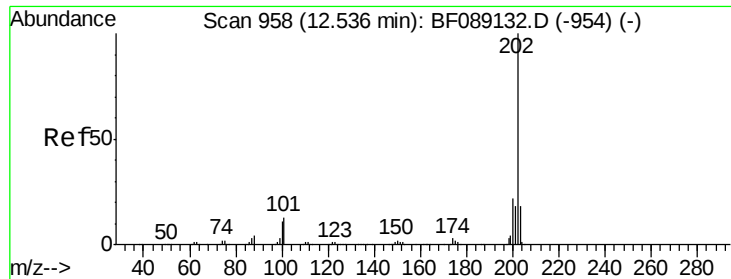
sohil
7/27/2016 7:11:44 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	13.6	20.4#
236	25.0	20.5	30.7





#77

Pvrene

Concen: 2.32 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Instrument :

BNA_F

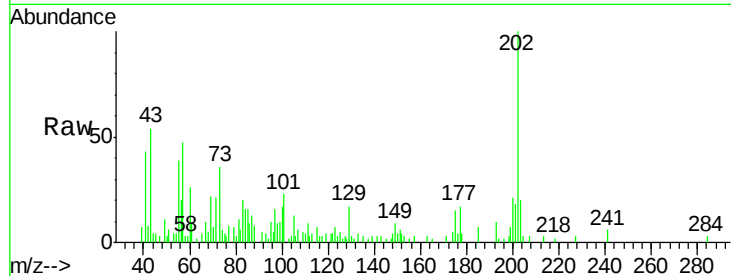
ClientSampleId :

NW-1

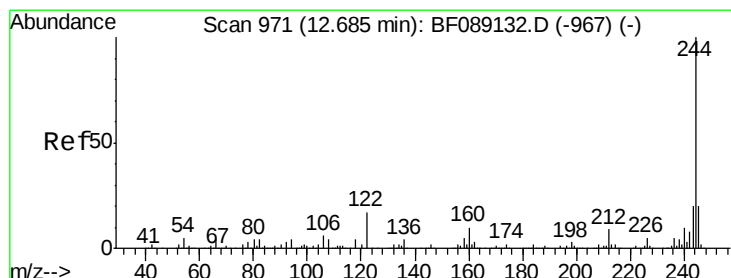
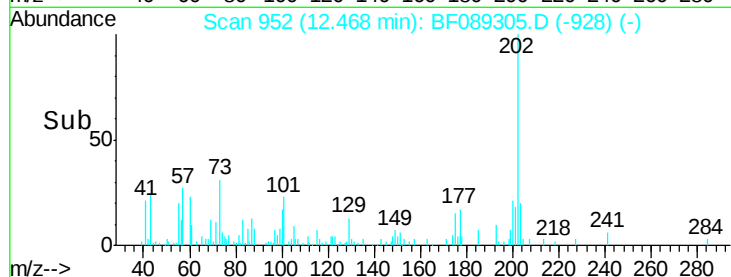
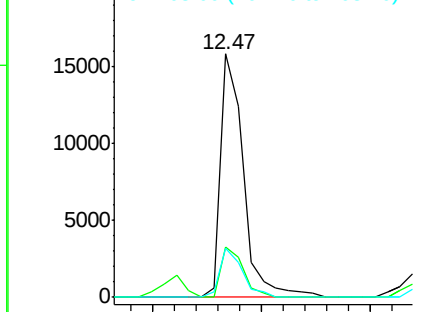
Tot Ion:	202	Resp:	23110
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.0
203	19.9	14.2	21.2

Manual Integrations
APPROVED

sohil
7/27/2016 7:11:44 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.13 ng

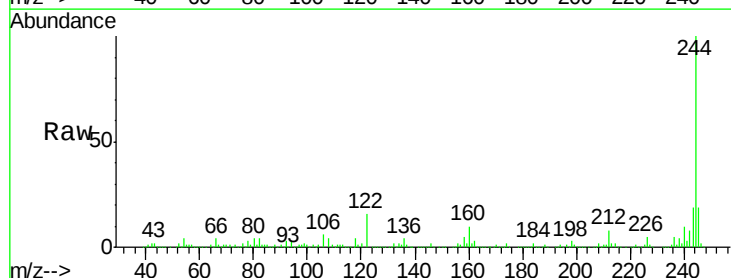
RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

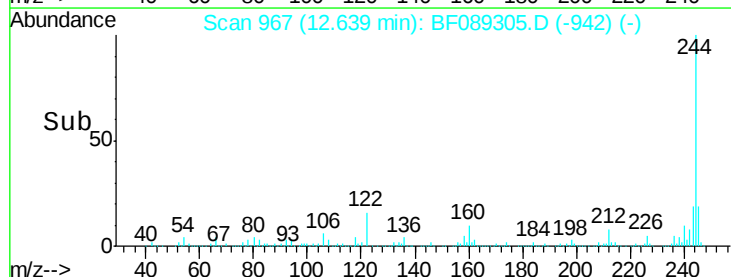
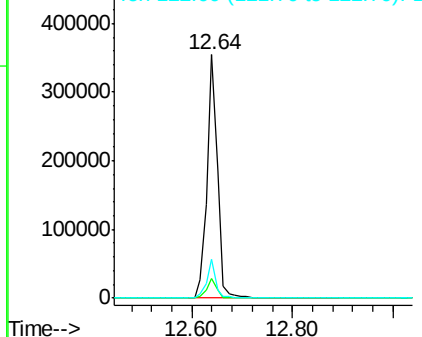
Lab File: BF089305.D

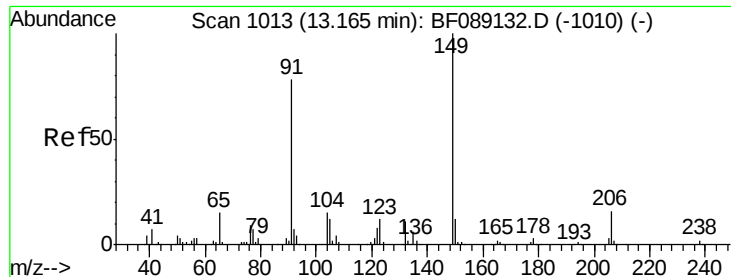
Acq: 26 Jul 2016 11:08

Tgt Ion:	244	Resp:	511733
Ion Ratio	Lower	Upper	
244	100		
212	8.2	7.0	10.4
122	16.1	13.8	20.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





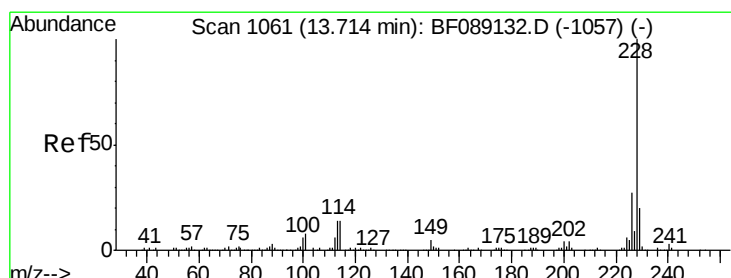
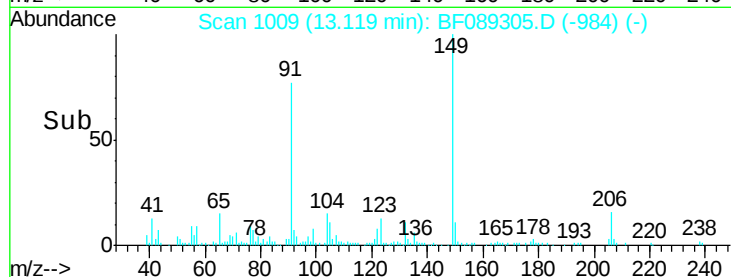
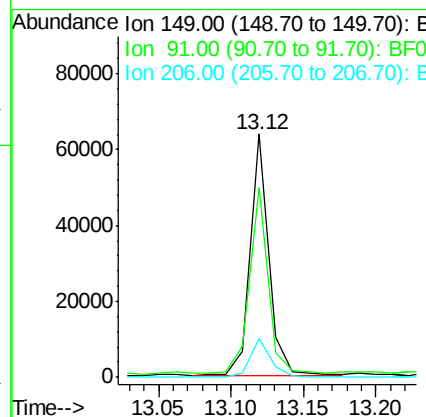
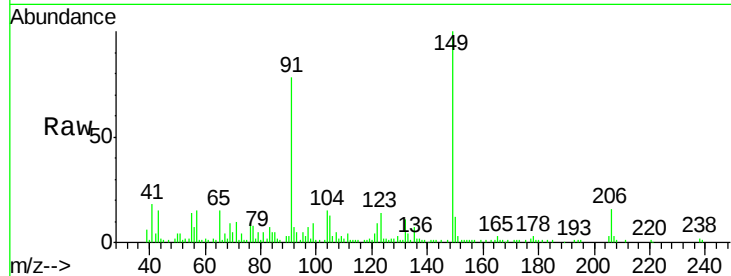
#79
Butylbenzylphthalate
Concen: 13.44 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Instrument :
BNA_F
ClientSampled :
NW-1

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.8	62.6	93.8
206	15.9	13.2	19.8

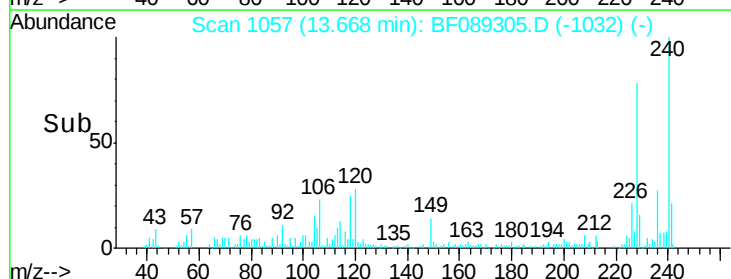
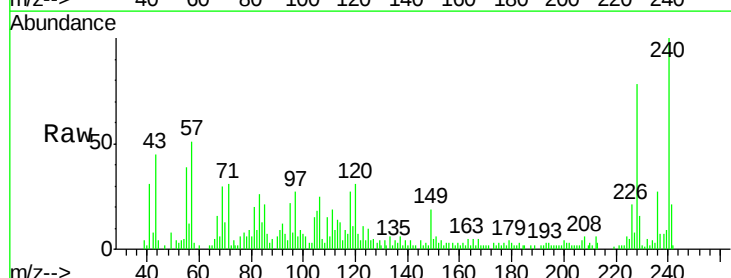
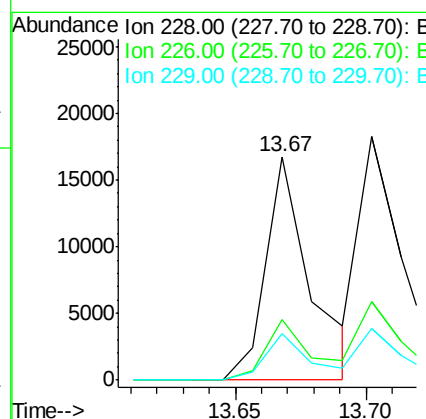
Manual Integrations
APPROVED

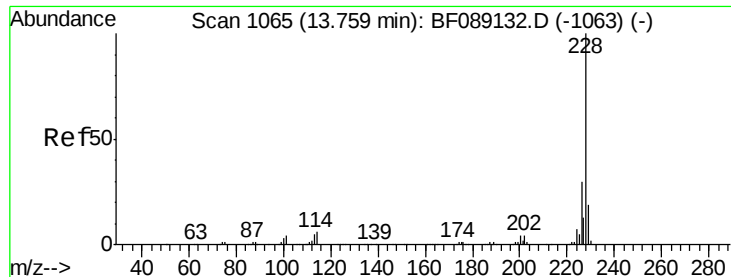
sohil
7/27/2016 7:11:44 PM



#80
Benzo(a)anthracene
Concen: 2.60 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	20.9	15.8	23.8





#82

Chrysene

Concen: 2.95 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Instrument :

BNA_F

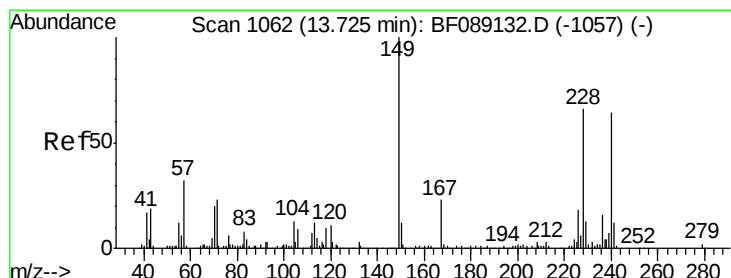
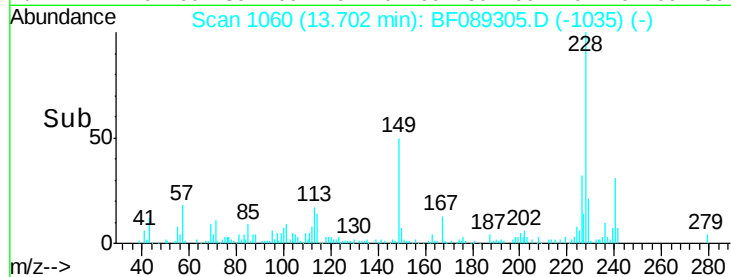
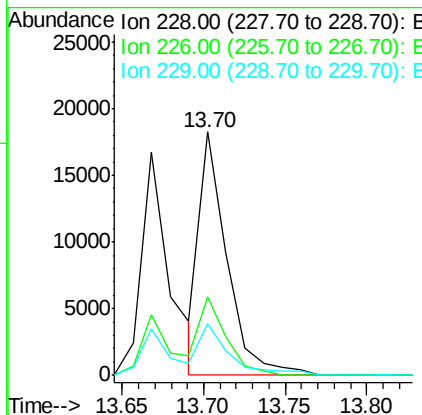
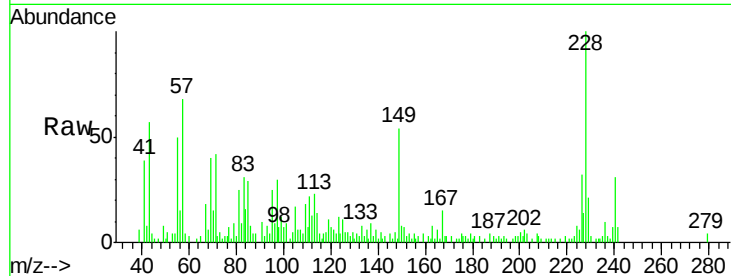
ClientSampled :

NW-1

Tot Ion:	228	Resp:	21603
Ion Ratio	Lower	Upper	
228	100		
226	32.4	23.8	35.8
229	21.3	15.4	23.0

Manual Integrations
APPROVED

sohil
7/27/2016 7:11:44 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.97 ng

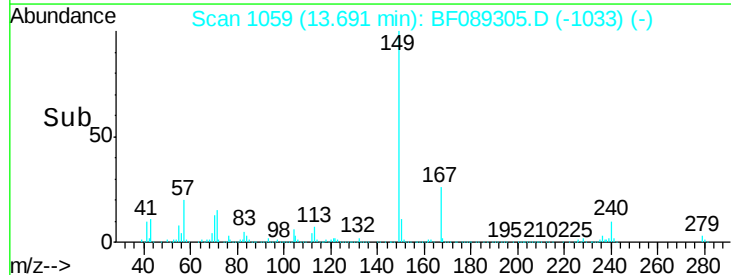
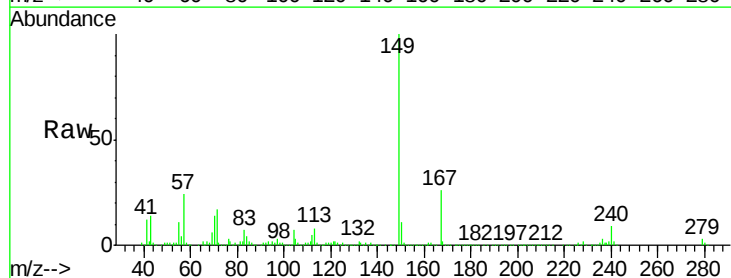
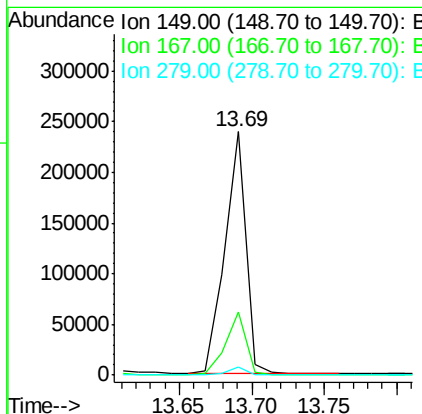
RT: 13.69 min Scan# 1059

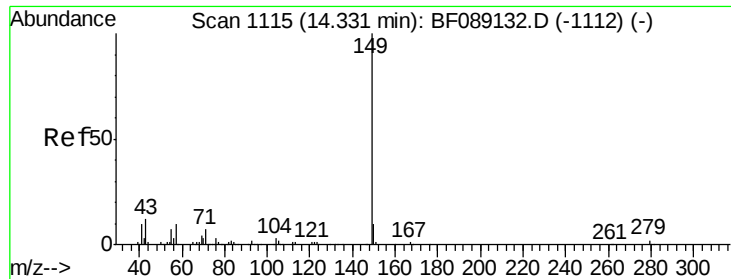
Delta R.T. 0.00 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Tgt Ion:	149	Resp:	239881
Ion Ratio	Lower	Upper	
149	100		
167	26.1	18.6	28.0
279	3.3	1.6	2.4#





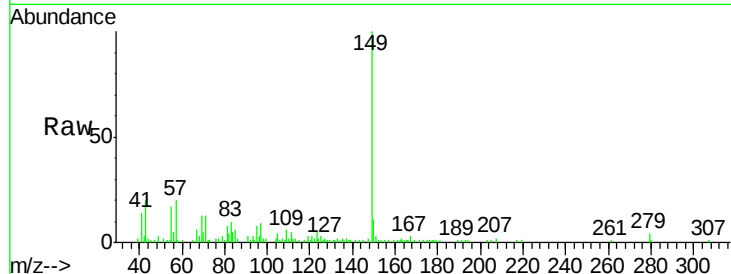
#84
Di-n-octyl phthalate
Concen: 8.13 ng
RT: 14.30 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Instrument :
BNA_F
ClientSampleId :
NW-1

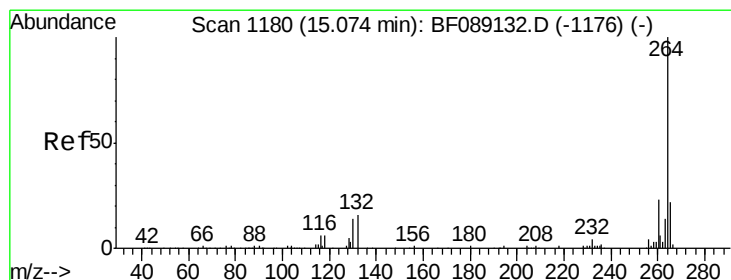
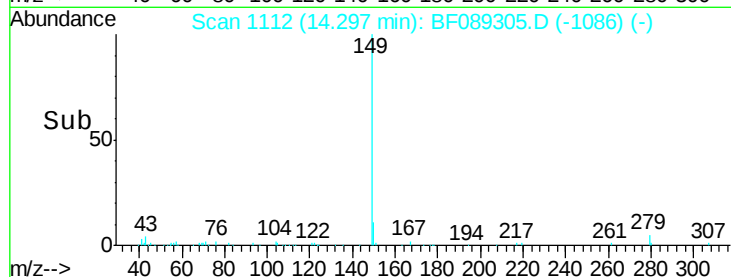
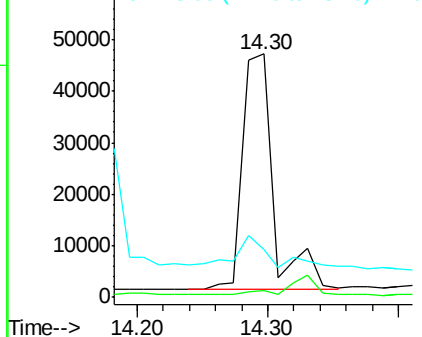
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	21.9	7.3	10.9#

Manual Integrations
APPROVED

sohil
7/27/2016 7:11:44 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.1	17.3	25.9

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

