

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089936.D
 Acq On : 31 Aug 2016 5:57
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:17 AM

Quant Time: Aug 31 11:57:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190896	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	777081	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	409352	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	820472	20.00	ng	0.00
75) Chrysene-d12	13.76	240	605023	20.00	ng	0.00
86) Perylene-d12	15.10	264	566147	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	992554	83.22	ng	0.00
7) Phenol-d6	6.28	99	1193486	82.36	ng	0.01
23) Nitrobenzene-d5	7.21	82	1037672	77.44	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	347896	86.14	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1910284	76.60	ng	0.00
78) Terphenyl-d14	12.72	244	1770903	72.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	215395	38.12	ng	99
3) Pyridine	2.72	79	615251	40.81	ng	98
4) n-Nitrosodimethylamine	2.68	42	312263	42.00	ng	100
6) Aniline	6.30	93	743439	37.60	ng	93
8) 2-Chlorophenol	6.42	128	533333	41.22	ng	99
9) Benzaldehyde	6.18	77	373543	39.95	ng	97
10) Phenol	6.30	94	692205	41.08	ng	94
11) bis(2-Chloroethyl)ether	6.38	93	485893	38.10	ng	99
12) 1,3-Dichlorobenzene	6.58	146	569907	39.44	ng	98
13) 1,4-Dichlorobenzene	6.65	146	566183	38.29	ng	99
14) 1,2-Dichlorobenzene	6.81	146	554930	41.87	ng	99
15) Benzyl Alcohol	6.79	79	356905	39.31	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1035869	42.60	ng	99
17) 2-Methylphenol	6.90	107	423720	41.01	ng	99
18) Hexachloroethane	7.15	117	203934	40.27	ng	99
19) n-Nitroso-di-n-propylamine	7.07	70	397259	42.07	ng	97
20) 3+4-Methylphenols	7.06	107	442607	35.34	ng	94
22) Acetophenone	7.06	105	691196	39.65	ng	99
24) Nitrobenzene	7.22	77	528466	37.10	ng	100
25) Isophorone	7.47	82	1064087	39.05	ng	99
26) 2-Nitrophenol	7.54	139	269201	39.53	ng	99
27) 2,4-Dimethylphenol	7.59	122	485635	38.55	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	687762	41.85	ng	100
29) 2,4-Dichlorophenol	7.78	162	421932	37.36	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	498477	40.38	ng	99
31) Naphthalene	7.94	128	1379299	35.63	ng	100
32) Benzoic acid	7.74	122	373757	44.05	ng	89
33) 4-Chloroaniline	8.00	127	634889	40.65	ng	100
34) Hexachlorobutadiene	8.07	225	276521	38.22	ng	98
35) Caprolactam	8.38	113	137151	38.48	ng	92
36) 4-Chloro-3-methylphenol	8.49	107	500245	41.83	ng	98
37) 2-Methylnaphthalene	8.64	142	1040020	40.65	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	428872	35.76	ng	100
40) Hexachlorocyclopentadiene	8.79	237	257748	41.92	ng	93

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089936.D
 Acq On : 31 Aug 2016 5:57
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:17 AM

Quant Time: Aug 31 11:57:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	358618	43.15	ng	99
43) 2,4,5-Trichlorophenol	8.95	196	304782	38.14	ng	98
45) 1,1'-Biphenyl	9.10	154	1197671	36.34	ng	100
46) 2-Chloronaphthalene	9.12	162	898196	38.52	ng	99
47) 2-Nitroaniline	9.21	65	312485	41.00	ng	99
48) Acenaphthylene	9.53	152	1460563	37.89	ng	100
49) Dimethylphthalate	9.40	163	1145331	38.71	ng	100
50) 2,6-Dinitrotoluene	9.46	165	252428	38.36	ng	95
51) Acenaphthene	9.70	154	916889	37.54	ng	100
52) 3-Nitroaniline	9.63	138	319553	42.58	ng	# 67
53) 2,4-Dinitrophenol	9.72	184	131061	40.26	ng	97
54) Dibenzofuran	9.87	168	1278772	39.07	ng	99
55) 4-Nitrophenol	9.79	139	268335m	47.40	ng	
56) 2,4-Dinitrotoluene	9.86	165	361671	43.34	ng	91
57) Fluorene	10.22	166	1015361	42.45	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	262471	38.36	ng	100
59) Diethylphthalate	10.10	149	1089602	39.15	ng	100
60) 4-Chlorophenyl-phenylether	10.22	204	467184	41.51	ng	98
61) 4-Nitroaniline	10.24	138	322755	43.77	ng	92
62) Azobenzene	10.36	77	1078557	38.79	ng	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	190962	36.35	ng	93
65) n-Nitrosodiphenylamine	10.33	169	884907	35.87	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	312389	37.82	ng	97
67) Hexachlorobenzene	10.75	284	344710	36.54	ng	99
68) Atrazine	10.87	200	336982	40.92	ng	91
69) Pentachlorophenol	10.95	266	224581	44.24	ng	98
70) Phenanthrene	11.16	178	1560445	38.19	ng	99
71) Anthracene	11.21	178	1497573	36.14	ng	100
72) Carbazole	11.37	167	1427552	36.74	ng	99
73) Di-n-butylphthalate	11.71	149	1805498	39.87	ng	100
74) Fluoranthene	12.34	202	1757054	41.03	ng	99
76) Benzidine	12.47	184	941481	41.08	ng	98
77) Pyrene	12.56	202	1617168	37.91	ng	100
79) Butylbenzylphthalate	13.20	149	701504	40.78	ng	100
80) Benzo(a)anthracene	13.75	228	1454373	39.25	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	533407	39.88	ng	100
82) Chrysene	13.78	228	1355749	39.17	ng	100
83) Bis(2-ethylhexyl)phthalate	13.76	149	968247	40.69	ng	# 94
84) Di-n-octyl phthalate	14.38	149	1759203	45.81	ng	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1113203	43.50	ng	100
87) Benzo(b)fluoranthene	14.74	252	1572408m	44.33	ng	
88) Benzo(k)fluoranthene	14.77	252	981447m	32.61	ng	
89) Benzo(a)pyrene	15.05	252	1229499	40.46	ng	99
90) Dibenzo(a,h)anthracene	16.34	278	903698	40.59	ng	98
91) Benzo(g,h,i)perylene	16.70	276	894329	39.91	ng	98

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

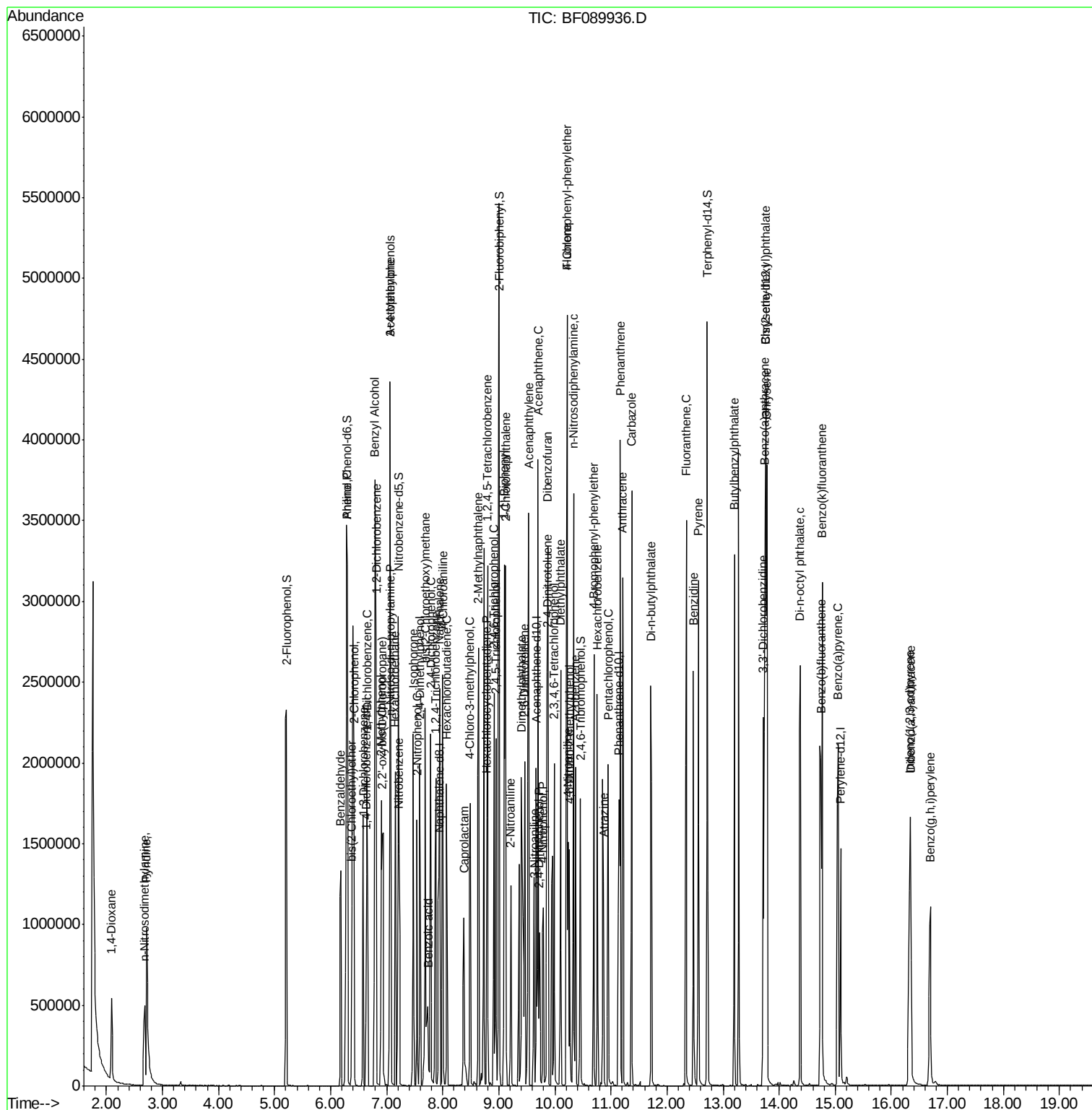
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\  
Data File : BF089936.D  
Acq On    : 31 Aug 2016    5:57  
Operator  : UM/SJ  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
```

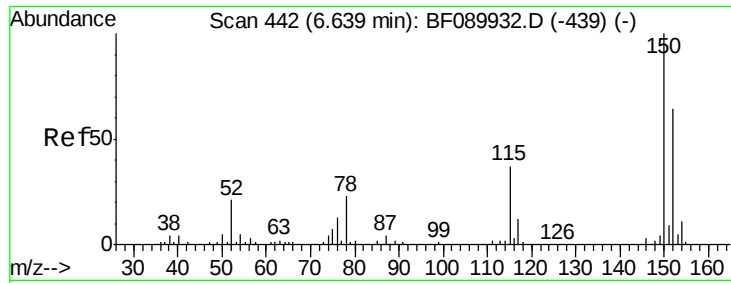
Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Manual Integrations APPROVED

SOHIL
9/1/2016 11:52:17 AM

Quant Time: Aug 31 11:57:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration





#1

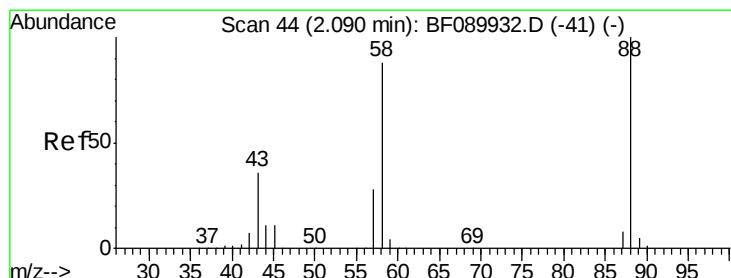
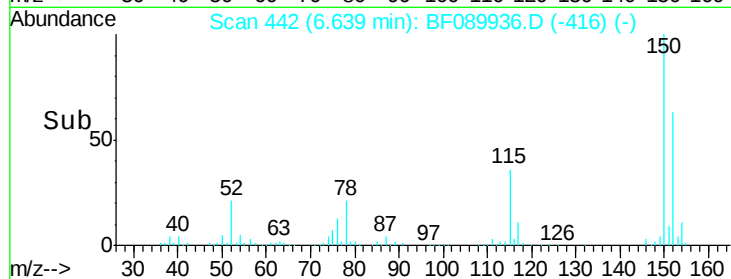
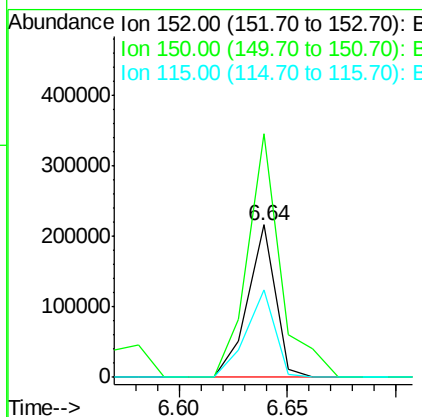
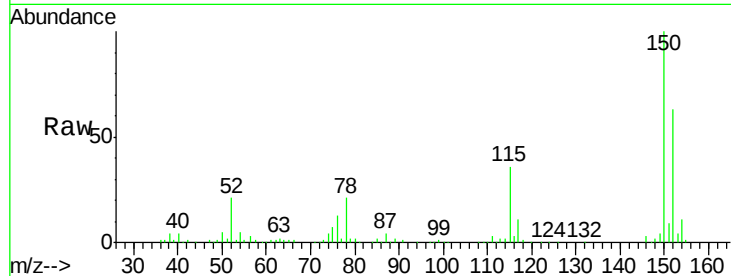
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.4	191.2
115	57.5	46.3	69.5

Manual Integrations
APPROVED

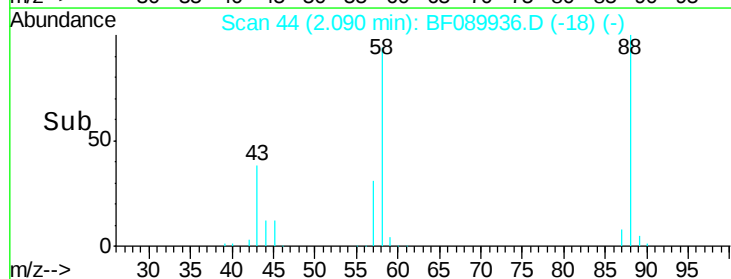
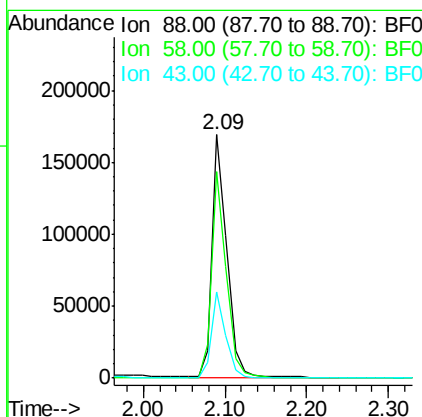
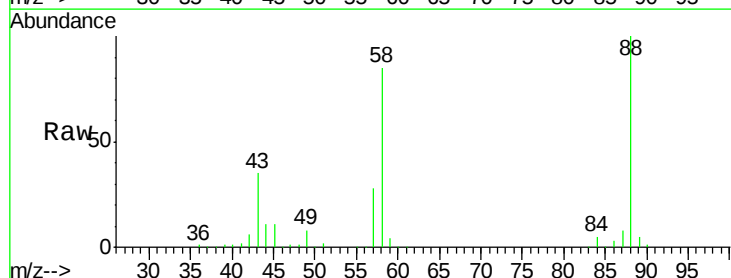
SOHIL
9/1/2016 11:52:17 AM

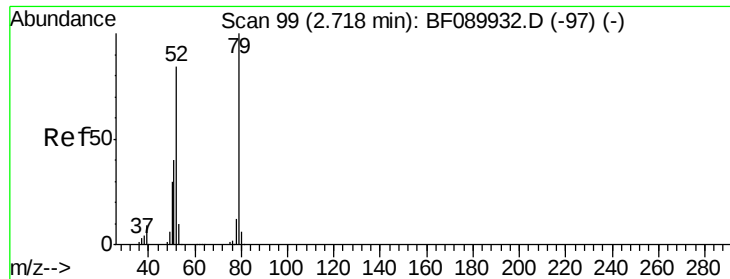


#2

1,4-Dioxane
Concen: 38.12 ng
RT: 2.09 min Scan# 44
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	68.8	103.2
43	34.2	27.0	40.6





#3

Pyridine

Concen: 40.81 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

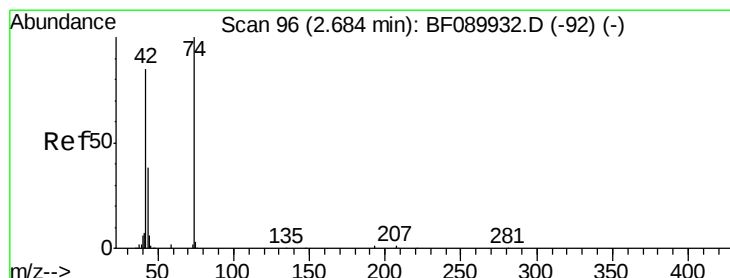
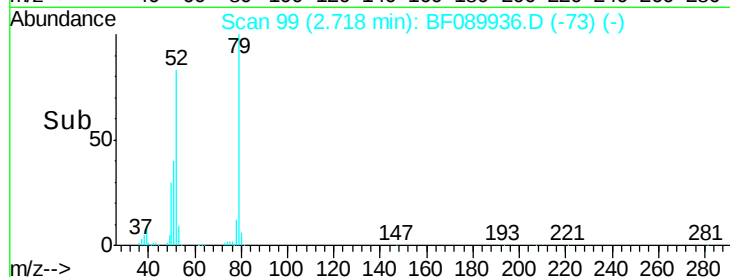
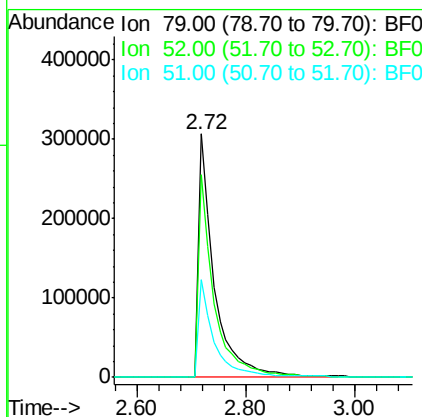
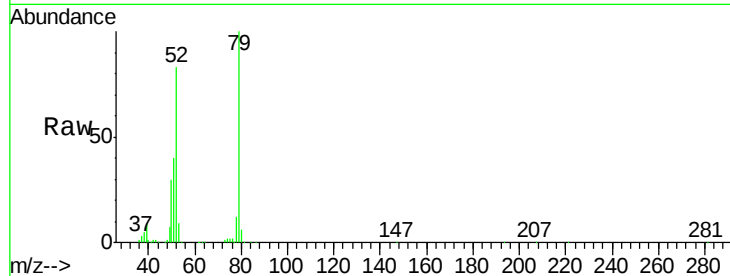
ClientSampleId :

ICVBF083116

Tgt Ion:	79	Resp:	615251
Ion Ratio	Lower	Upper	
79	100		
52	83.2	67.8	101.6
51	40.0	32.9	49.3

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#4

n-Nitrosodimethylamine

Concen: 42.00 ng

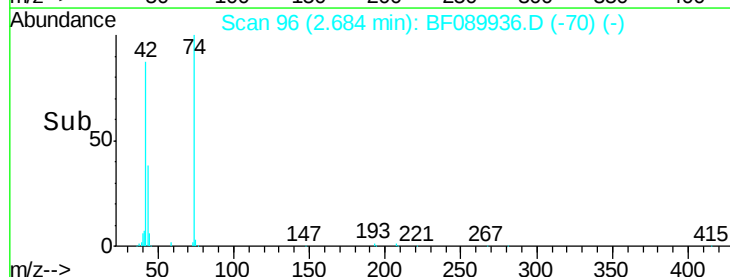
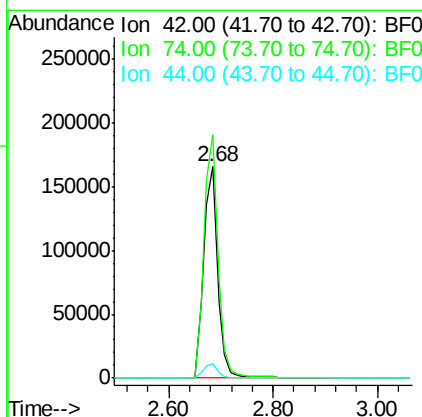
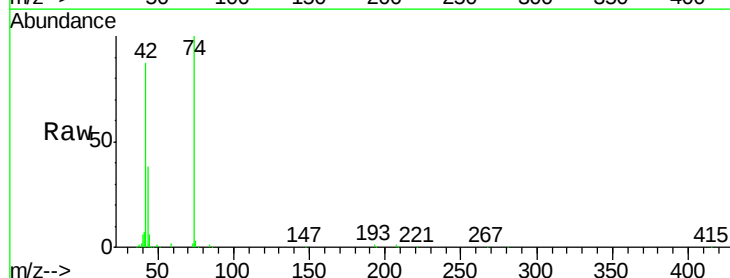
RT: 2.68 min Scan# 96

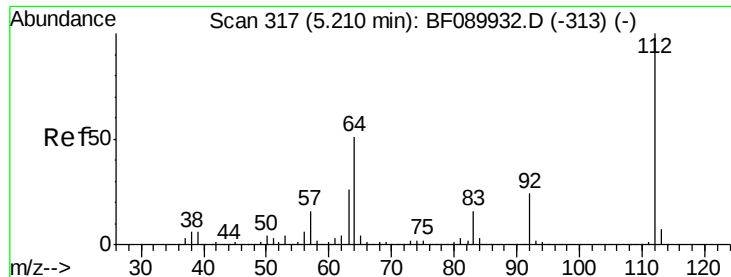
Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion:	42	Resp:	312263
Ion Ratio	Lower	Upper	
42	100		
74	115.2	92.0	138.0
44	7.1	5.8	8.8





#5

2-Fluorophenol

Concen: 83.22 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

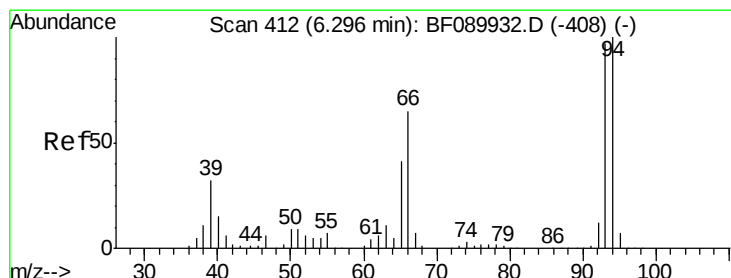
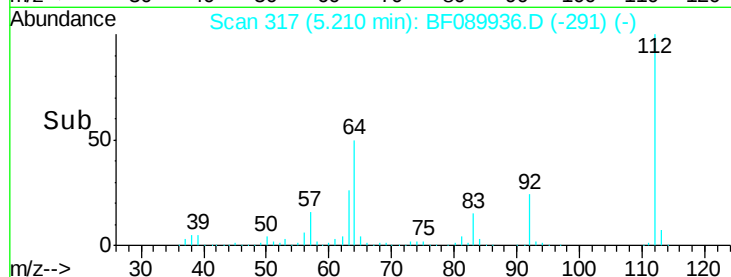
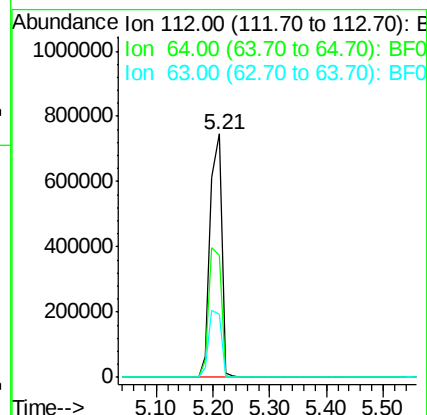
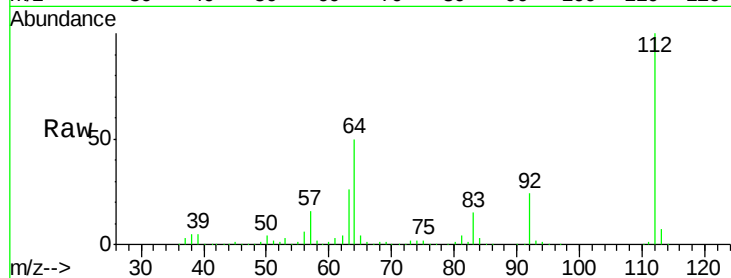
ClientSampleId :

ICVBF083116

Tgt Ion:	112	Resp:	992554
Ion Ratio	Lower	Upper	
112	100		
64	50.4	41.1	61.7
63	25.8	21.2	31.8

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#6

Aniline

Concen: 37.60 ng

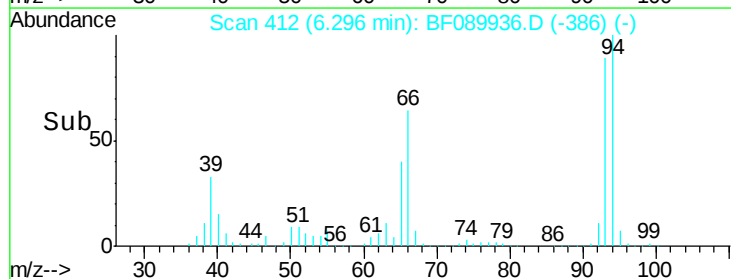
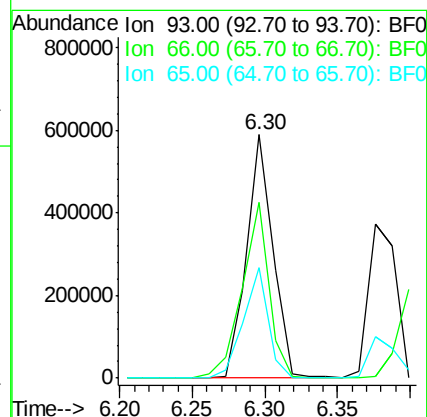
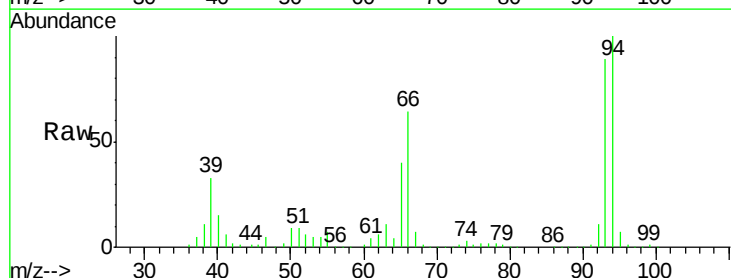
RT: 6.30 min Scan# 412

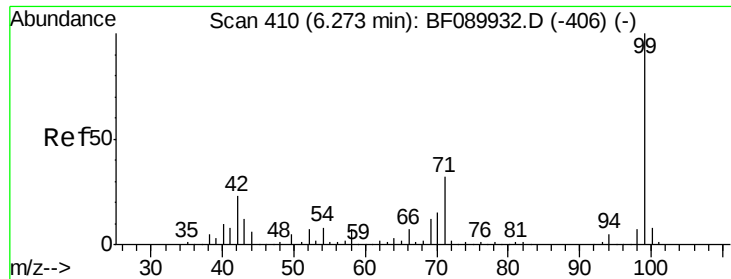
Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion:	93	Resp:	743439
Ion Ratio	Lower	Upper	
93	100		
66	72.1	52.9	79.3
65	45.4	33.0	49.6





#7

Phenol-d6

Concen: 82.36 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

ClientSampleId :

ICVBF083116

Tgt Ion: 99 Resp: 1193486

Ion Ratio Lower Upper

99 100

42 19.6 18.6 27.8

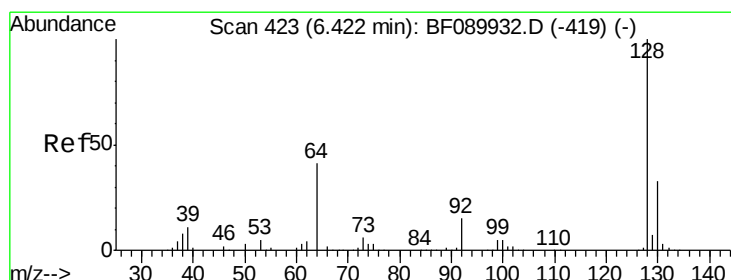
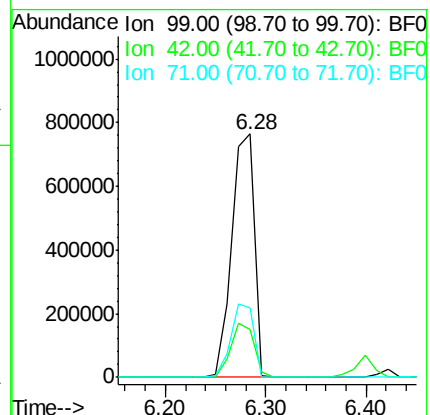
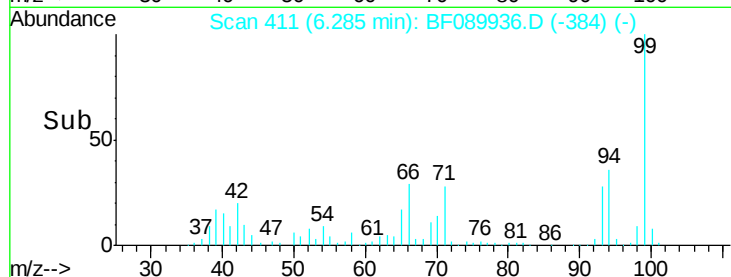
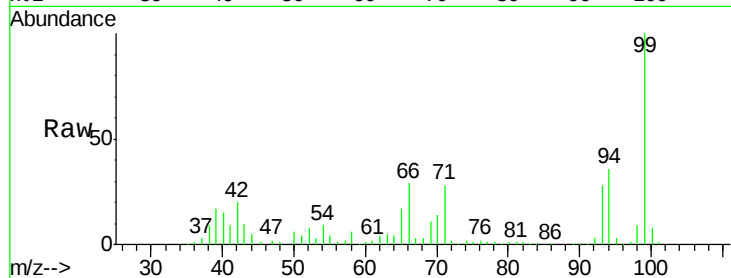
71 28.4 25.8 38.6

Manual Integrations

APPROVED

SOHIL

9/1/2016 11:52:17 AM



#8

2-Chlorophenol

Concen: 41.22 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

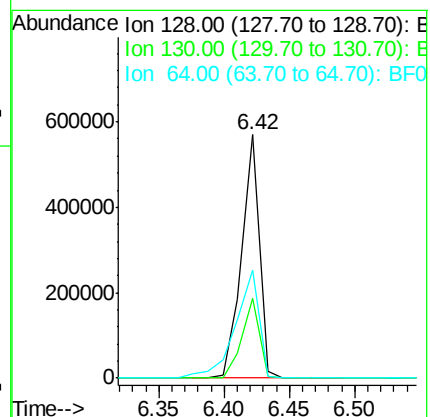
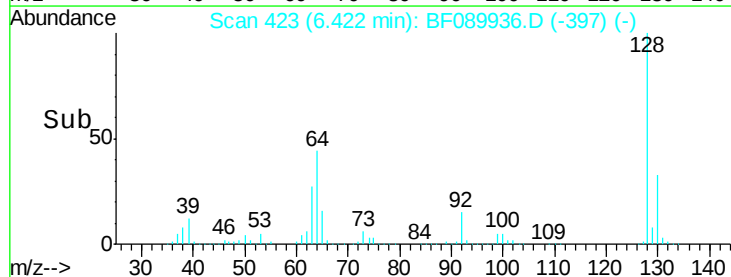
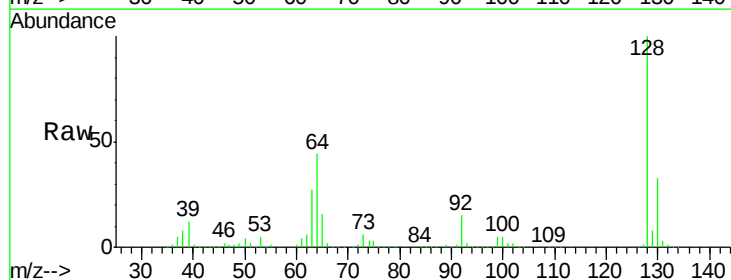
Tgt Ion: 128 Resp: 533333

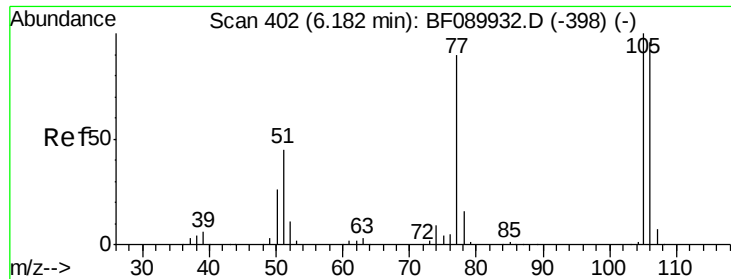
Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

64 44.1 23.2 63.2





#9

Benzaldehyde

Concen: 39.95 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

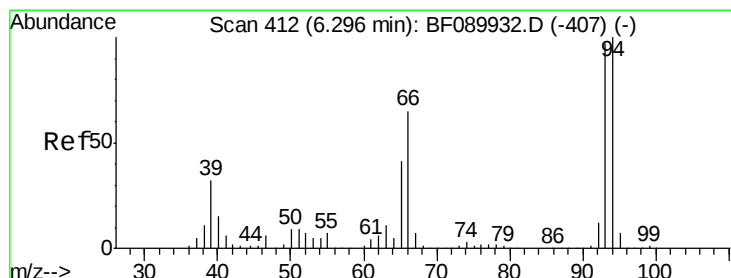
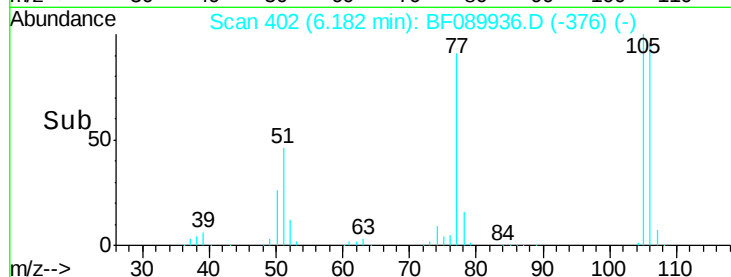
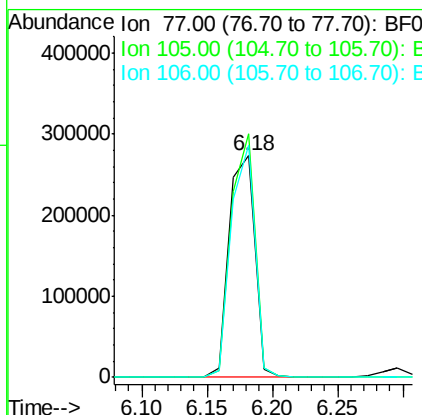
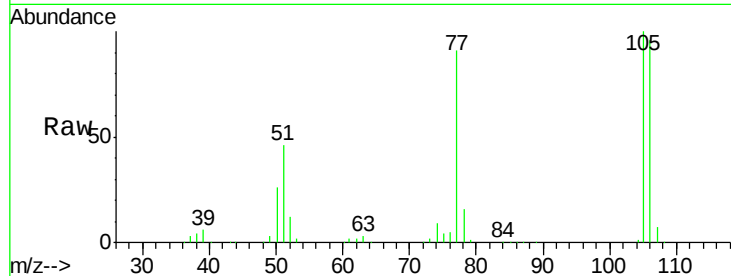
ClientSampleId :

ICVBF083116

Tgt Ion	Ratio	Lower	Upper
77	100		
105	109.8	85.4	125.4
106	104.9	83.4	123.4

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#10

Phenol

Concen: 41.08 ng

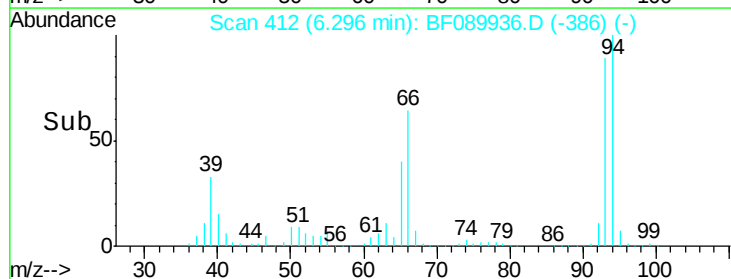
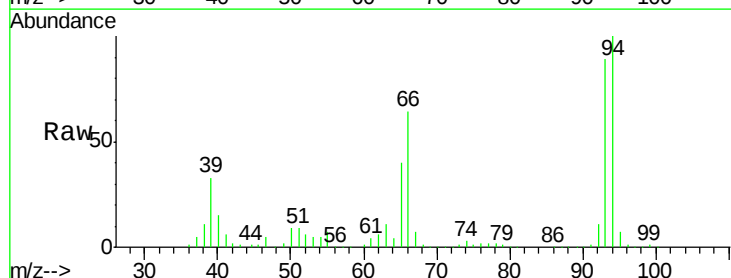
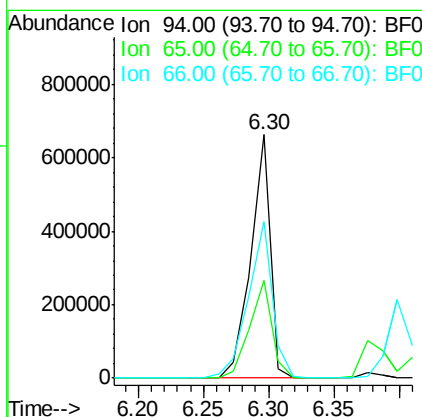
RT: 6.30 min Scan# 412

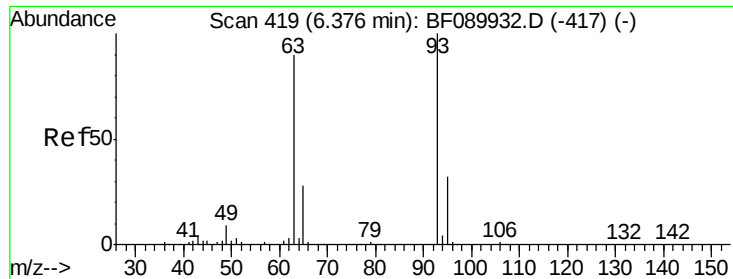
Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.3	23.2	63.2
66	64.1	49.2	89.2





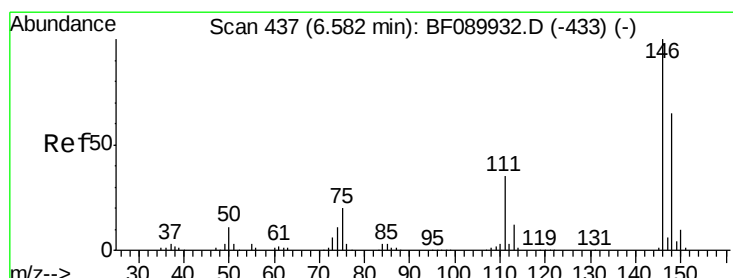
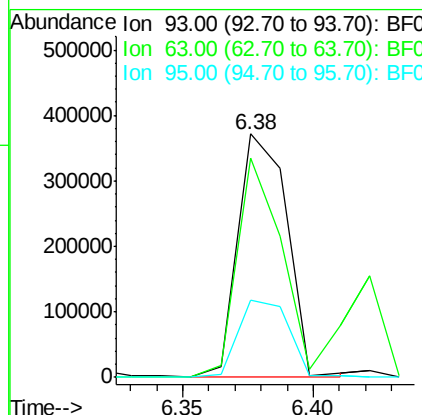
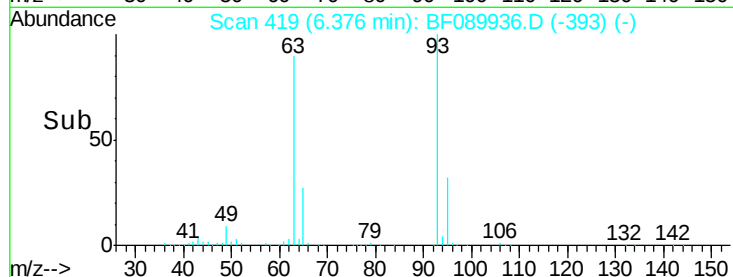
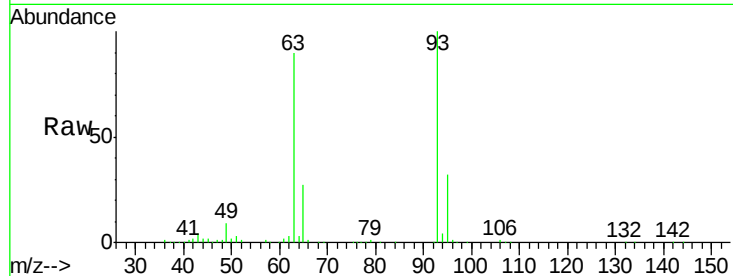
#11
bis(2-Chloroethyl)ether
Concen: 38.10 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion:	93	Resp:	485893
Ion Ratio	Lower	Upper	
93	100		
63	89.8	71.1	111.1
95	31.6	12.4	52.4

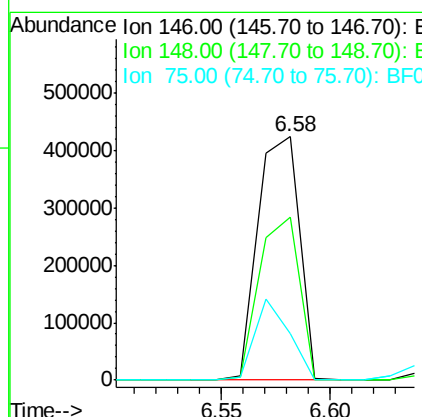
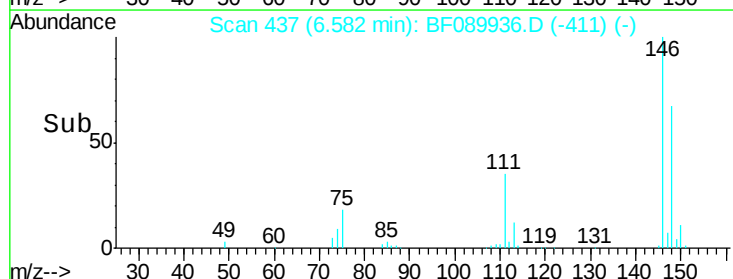
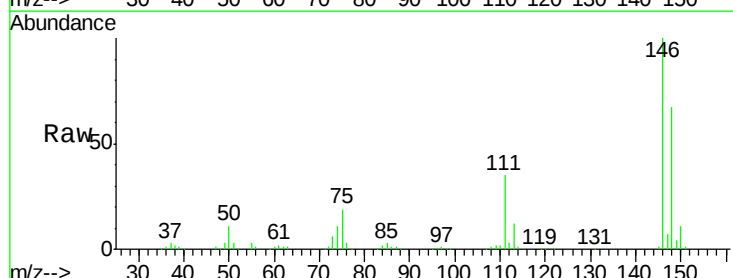
Manual Integrations
APPROVED

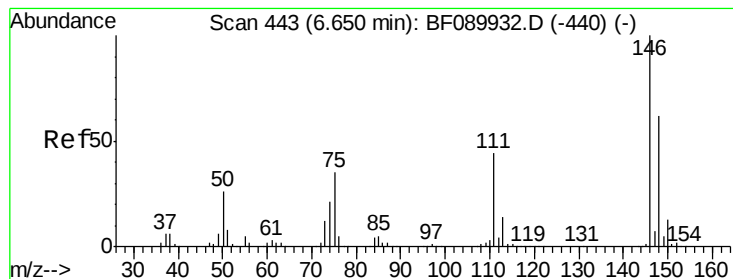
SOHIL
9/1/2016 11:52:17 AM



#12
1,3-Dichlorobenzene
Concen: 39.44 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion:	146	Resp:	569907
Ion Ratio	Lower	Upper	
146	100		
148	66.7	52.5	78.7
75	19.1	16.6	24.8





#13

1,4-Dichlorobenzene

Concen: 38.29 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

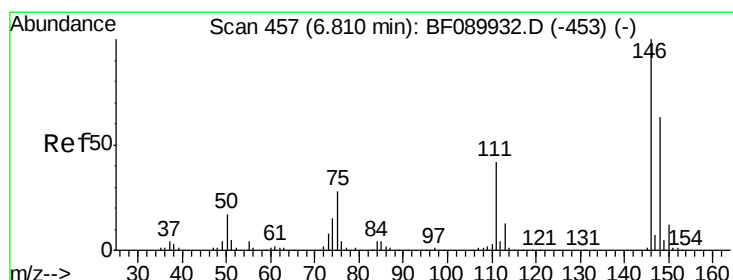
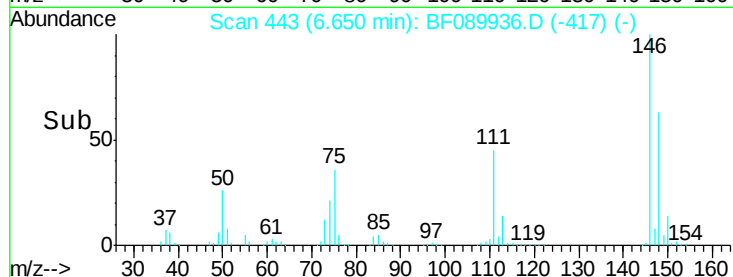
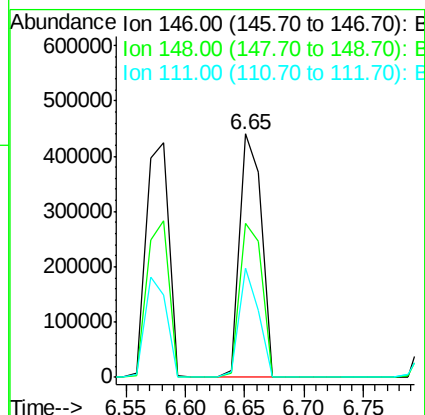
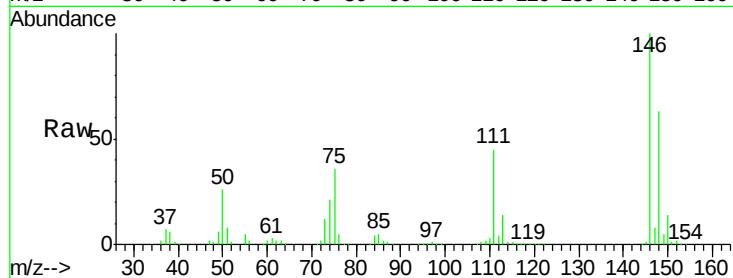
ClientSampleId :

ICVBF083116

Tgt Ion:	146	Resp:	566183
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.1	75.1
111	44.9	35.8	53.6

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#14

1,2-Dichlorobenzene

Concen: 41.87 ng

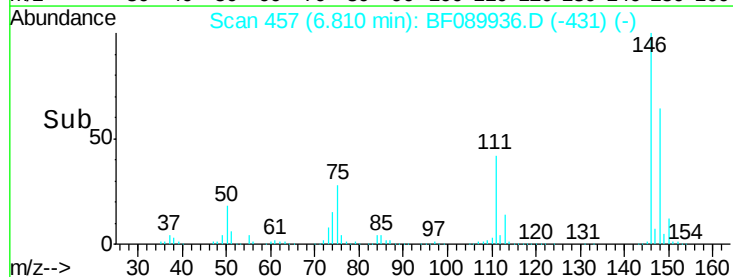
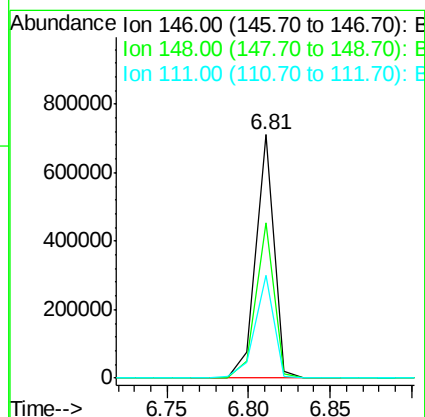
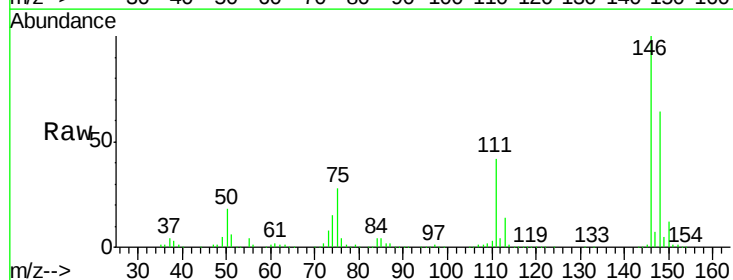
RT: 6.81 min Scan# 457

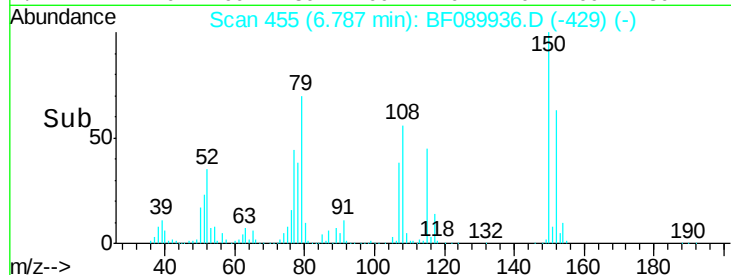
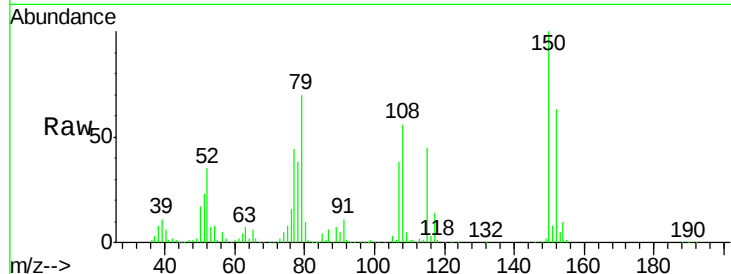
Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion:	146	Resp:	554930
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.4	77.2
111	42.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 39.31 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion:	79	Resp:	356905
Ion Ratio	Lower	Upper	
79	100		
108	79.5	62.1	93.1
77	63.3	50.1	75.1

Instrument :

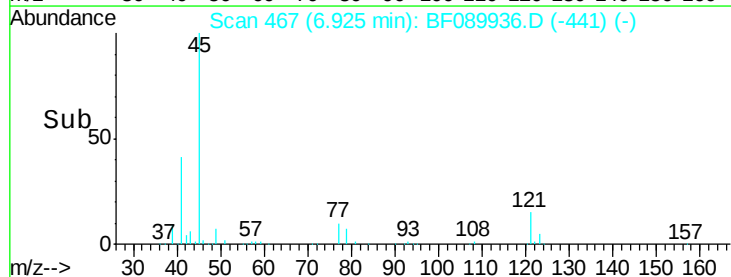
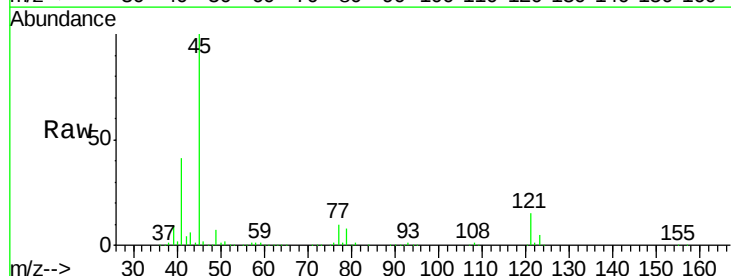
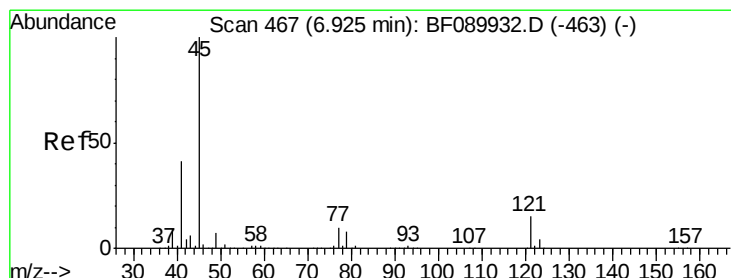
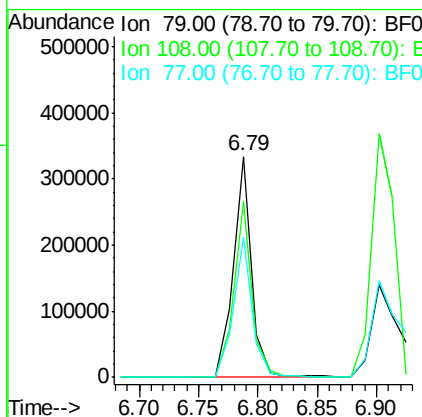
BNA_F

ClientSampleId :

ICVBF083116

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.60 ng

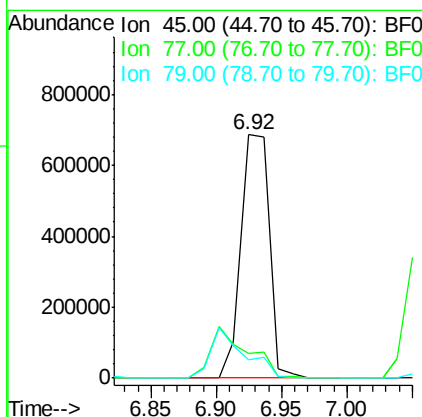
RT: 6.92 min Scan# 467

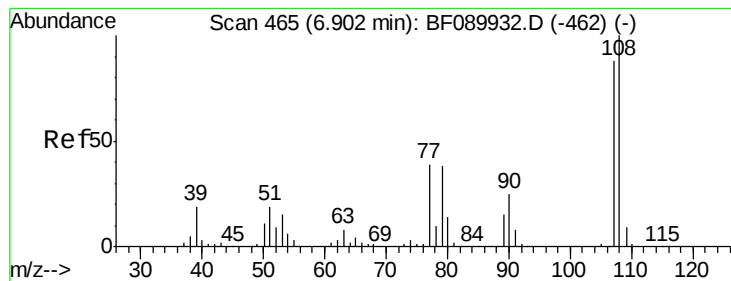
Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion:	45	Resp:	1035869
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.3
79	7.7	0.0	27.5





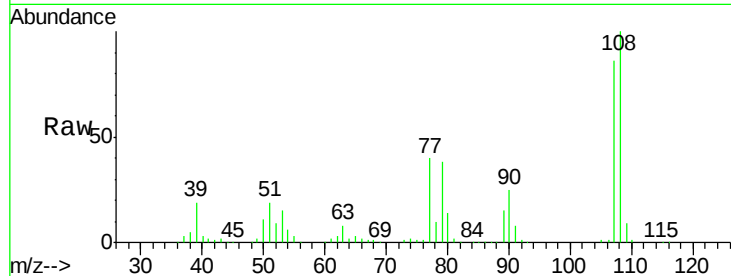
#17
2-Methylphenol
Concen: 41.01 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	423720		
108	116.1	91.8	137.6	
77	45.9	36.0	54.0	
79	44.4	35.9	53.9	

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



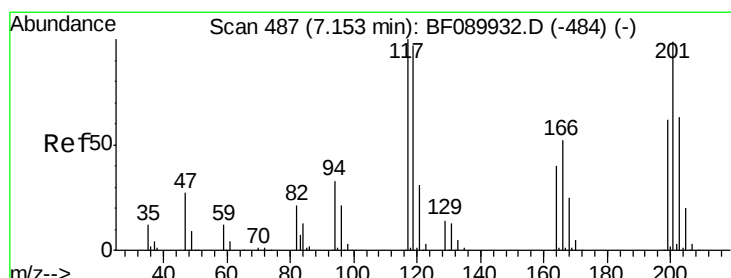
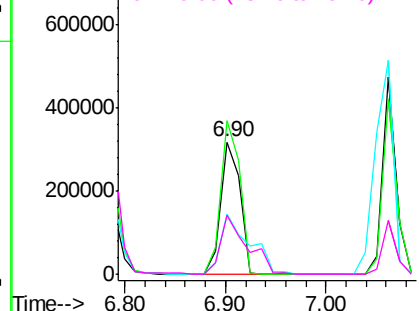
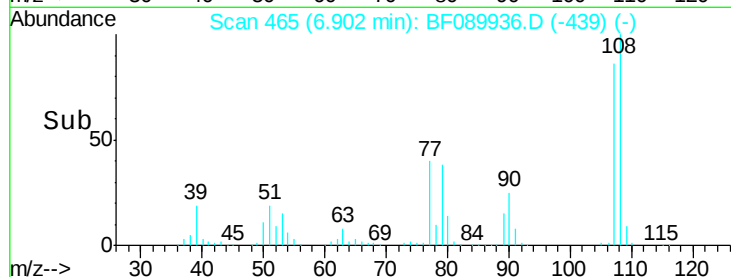
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

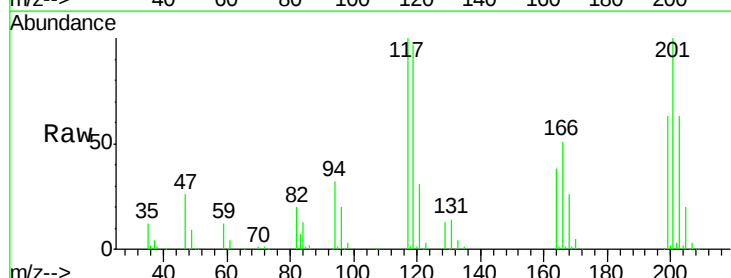
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.27 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	203934		
119	96.8	76.2	114.2	
201	99.9	80.2	120.2	

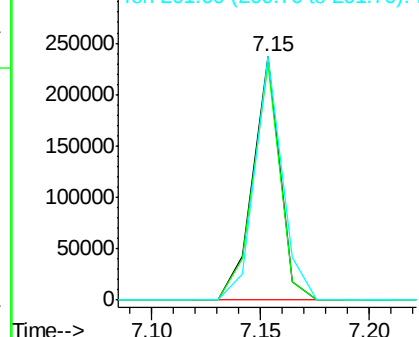
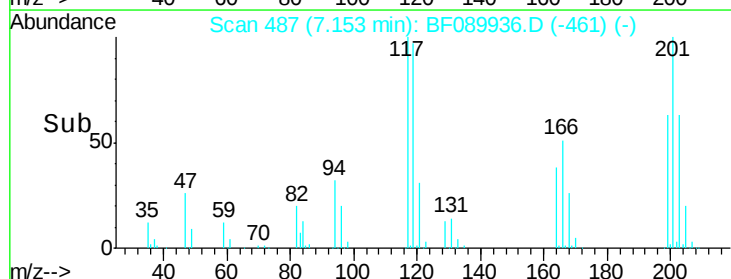


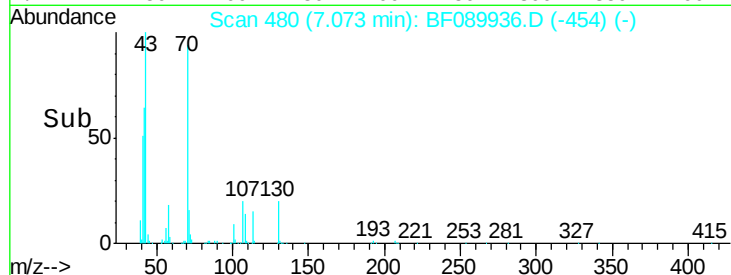
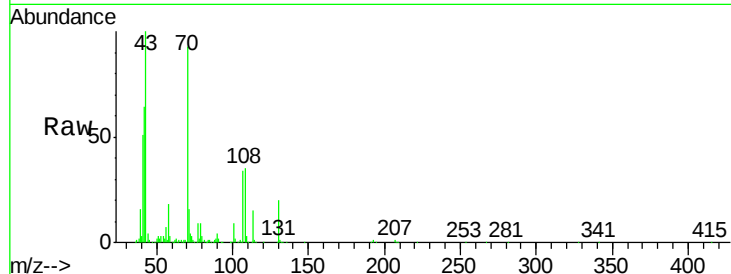
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





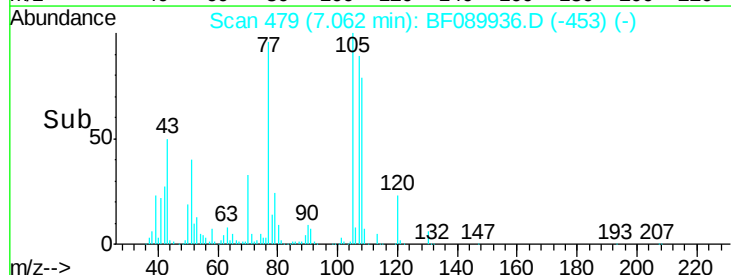
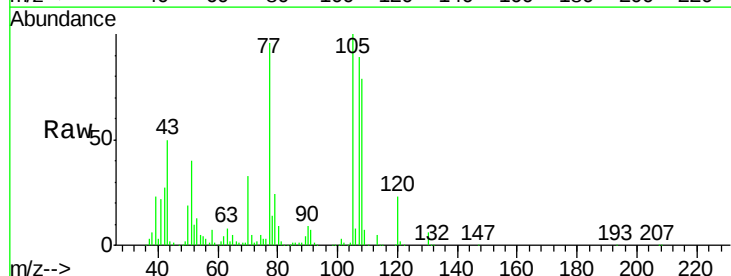
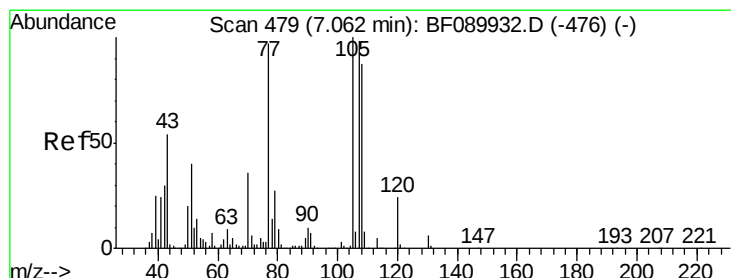
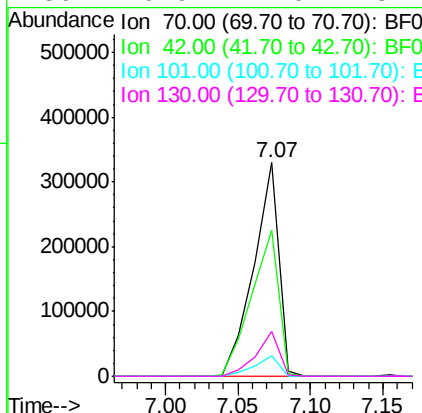
#19
n-Nitroso-di-n-propylamine
Concen: 42.07 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		397259		
42	68.2	52.1	78.1		
101	9.6	7.4	11.2		
130	20.9	17.0	25.4		

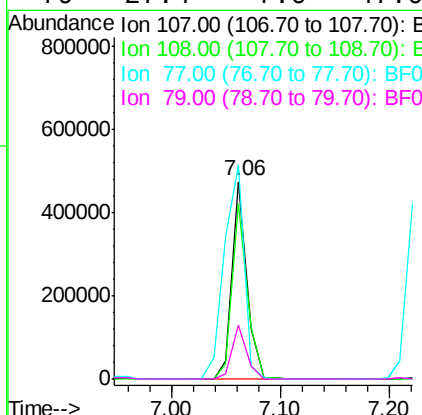
Manual Integrations
APPROVED

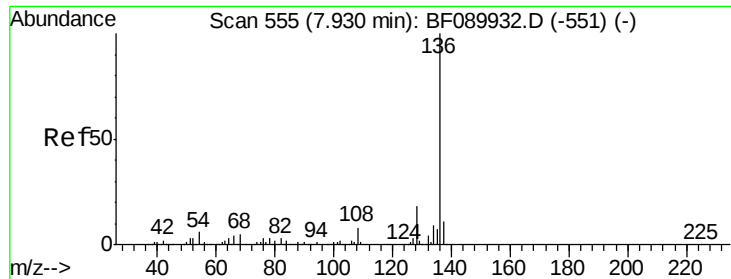
SOHIL
9/1/2016 11:52:17 AM



#20
3+4-Methylphenols
Concen: 35.34 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		442607		
108	89.0	70.2	110.2		
77	108.1	75.7	115.7		
79	27.4	7.0	47.0		





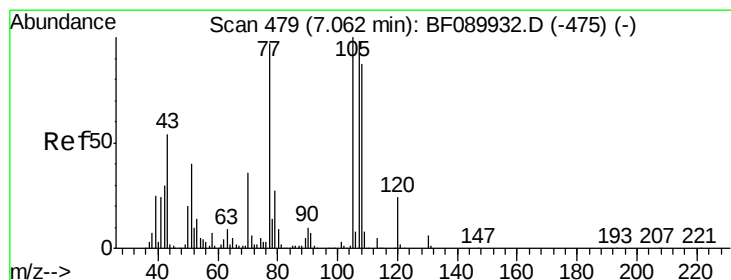
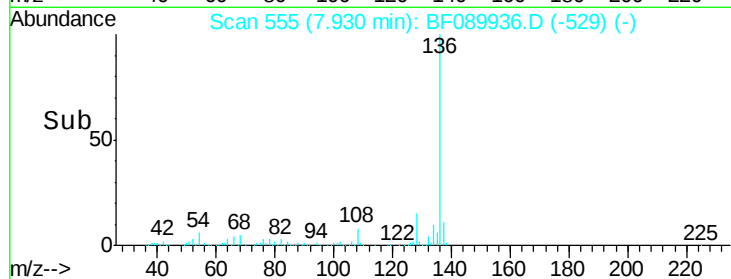
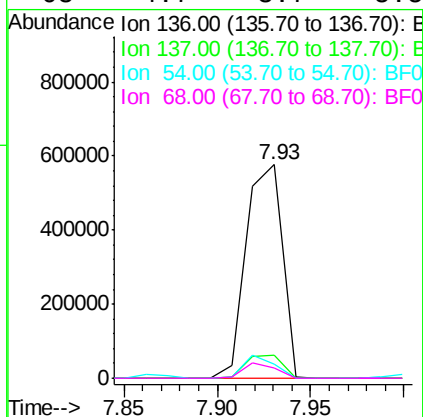
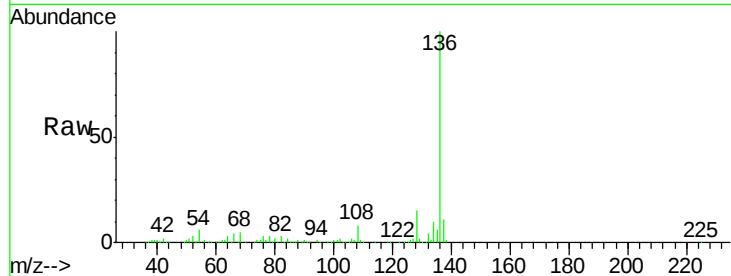
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	777081		
137	10.7	8.3	12.5	
54	6.4	4.8	7.2	
68	4.7	3.7	5.5	

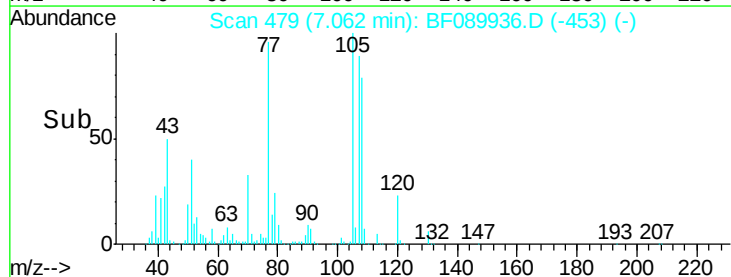
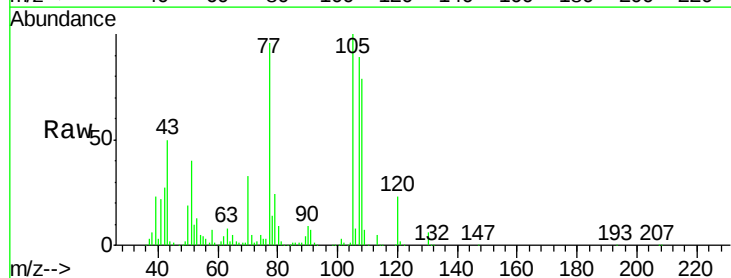
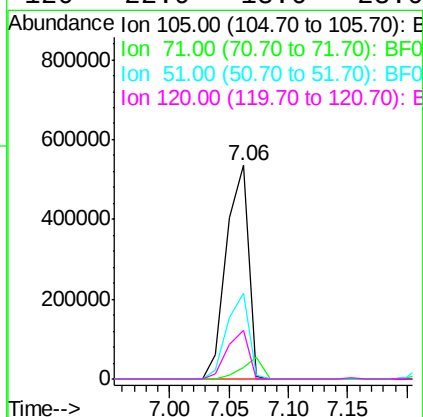
Manual Integrations
APPROVED

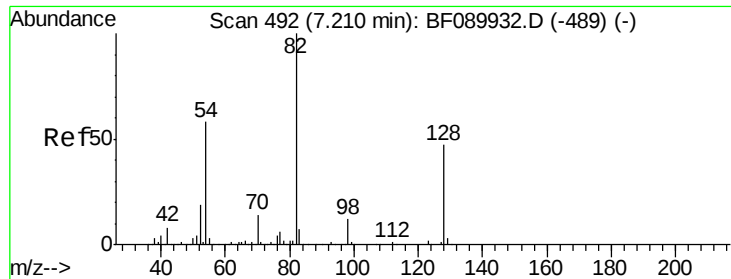
SOHIL
9/1/2016 11:52:17 AM



#22
Acetophenone
Concen: 39.65 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	691196		
71	5.4	5.3	7.9	
51	40.0	32.6	48.8	
120	22.9	18.6	28.0	





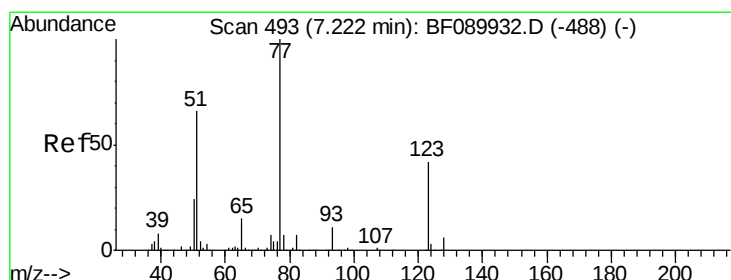
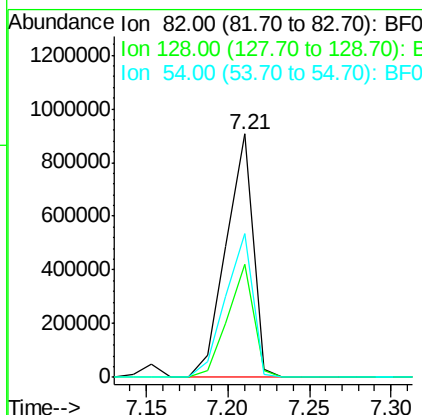
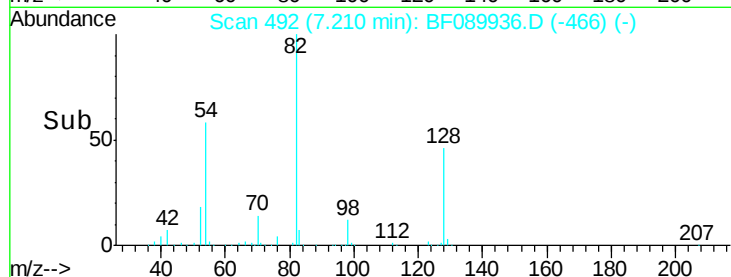
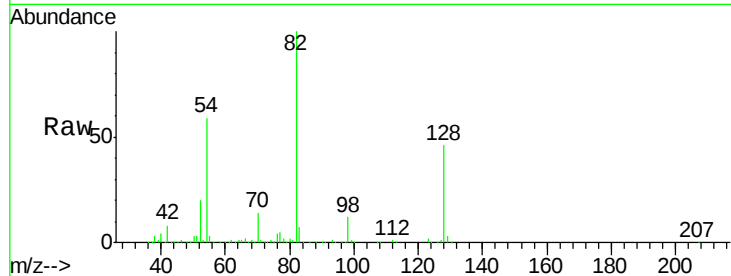
#23
 Nitrobenzene-d5
 Concen: 77.44 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion: 82 Resp: 1037672
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.8 56.8
 54 59.2 46.9 70.3

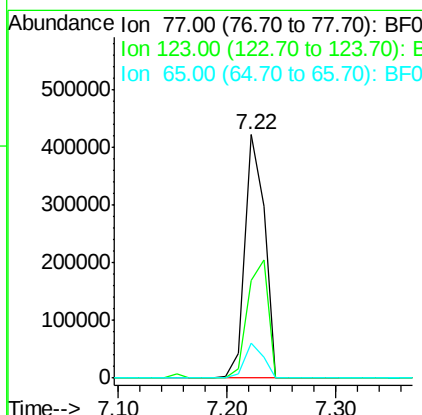
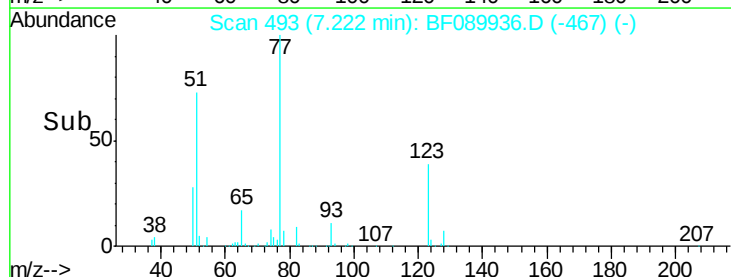
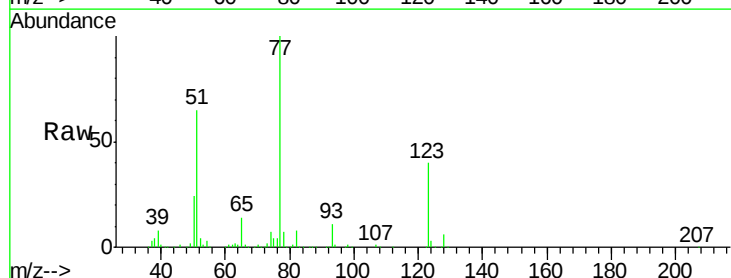
Manual Integrations
 APPROVED

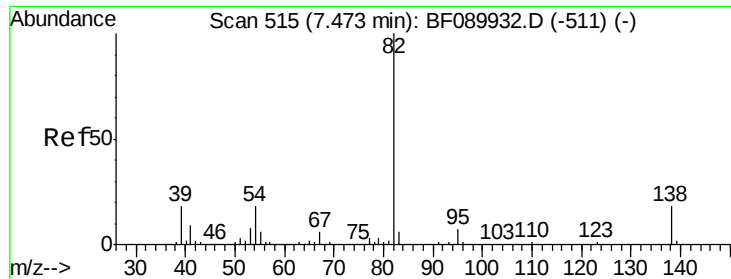
SOHIL
 9/1/2016 11:52:17 AM



#24
 Nitrobenzene
 Concen: 37.10 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion: 77 Resp: 528466
 Ion Ratio Lower Upper
 77 100
 123 40.0 32.0 48.0
 65 14.5 11.2 16.8





#25

Isophorone

Concen: 39.05 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

ClientSampleId :

ICVBF083116

Tgt Ion: 82 Resp: 1064087

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

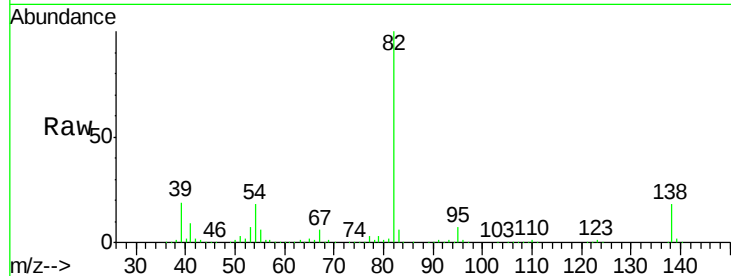
138 17.7 14.4 21.6

Manual Integrations

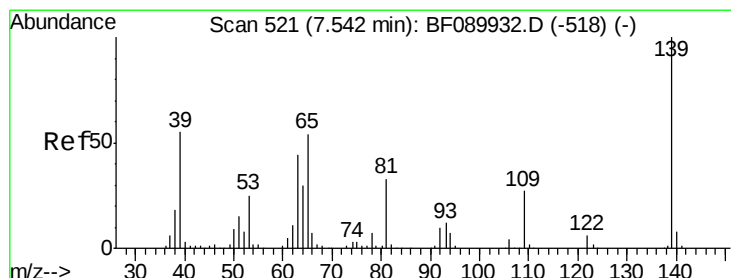
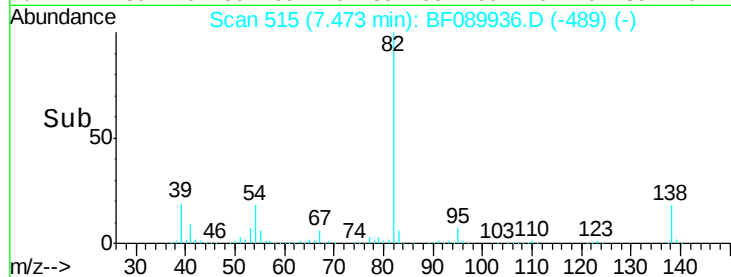
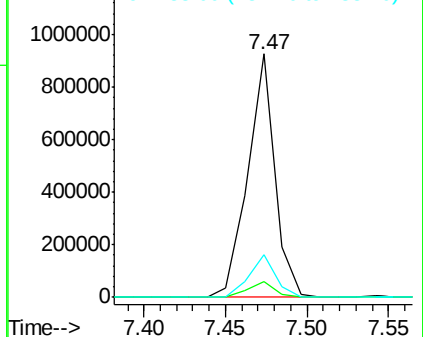
APPROVED

SOHIL

9/1/2016 11:52:17 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.53 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

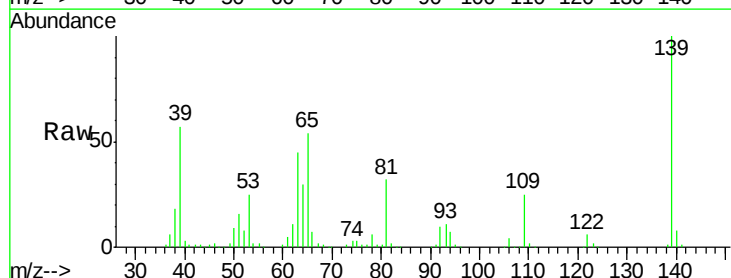
Tgt Ion: 139 Resp: 269201

Ion Ratio Lower Upper

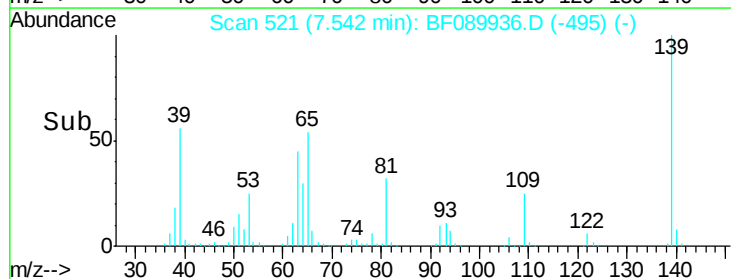
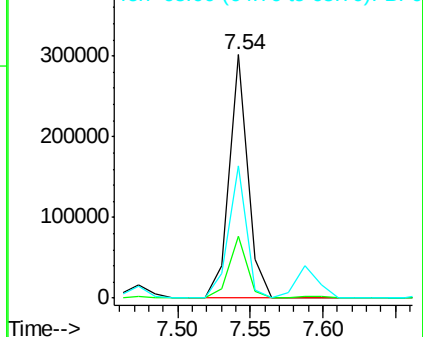
139 100

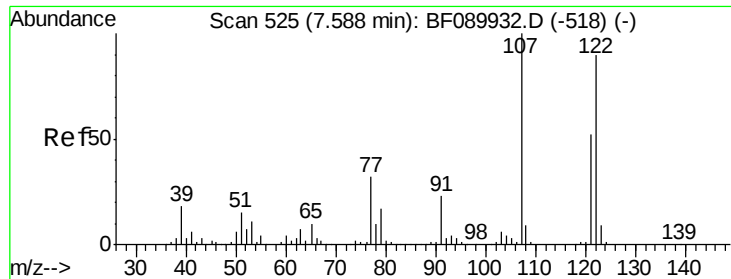
109 25.3 21.0 31.4

65 54.3 43.4 65.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.55 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

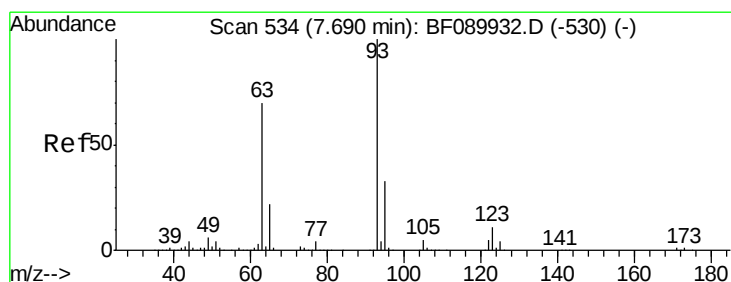
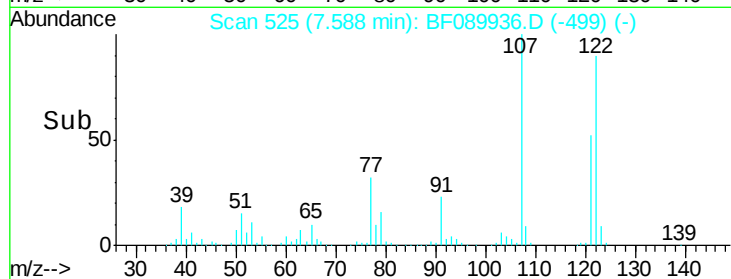
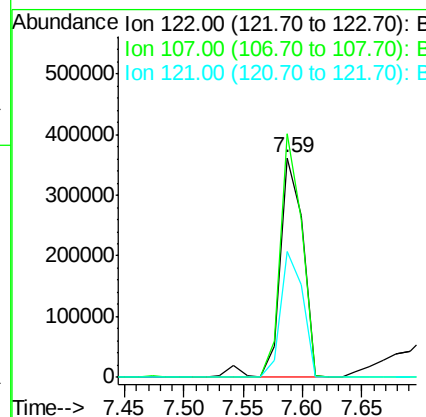
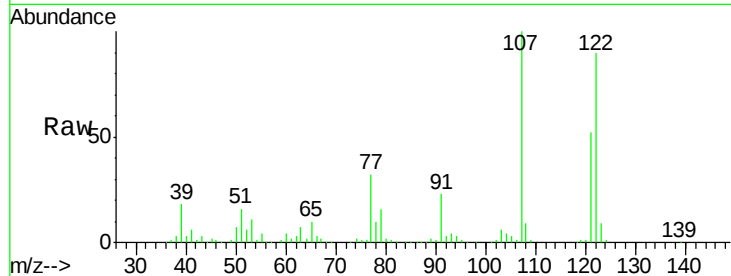
ClientSampleId :

ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	485635		
107	110.7	88.5	132.7	
121	57.0	46.0	69.0	

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#28

bis(2-Chloroethoxy)methane

Concen: 41.85 ng

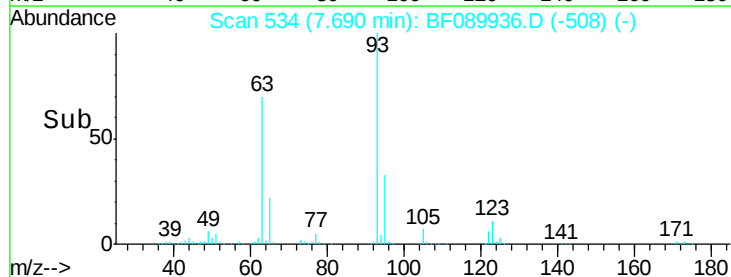
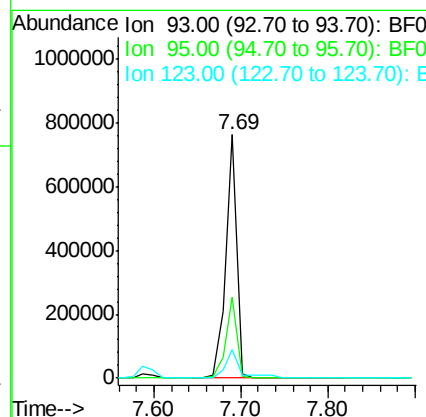
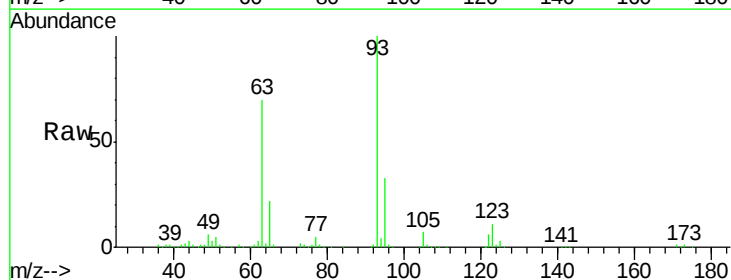
RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	687762		
95	33.1	26.6	40.0	
123	11.5	9.1	13.7	





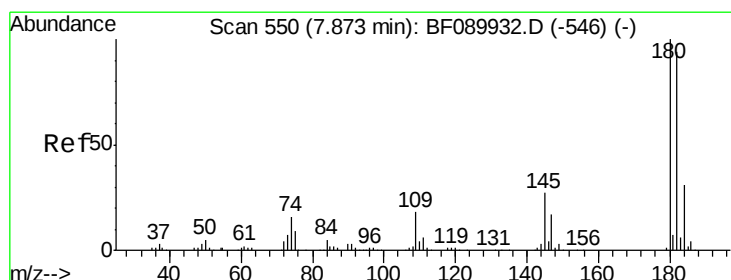
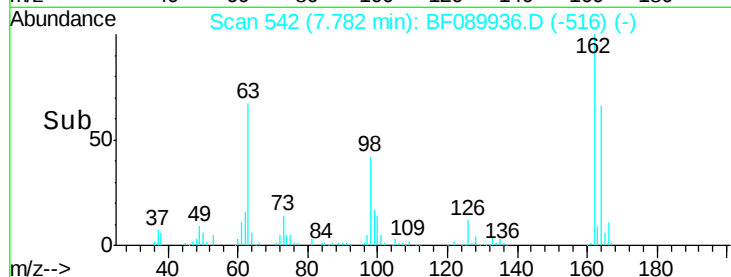
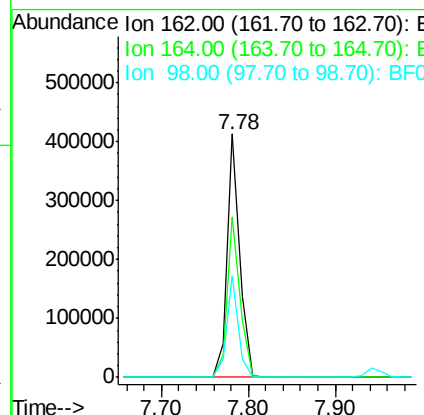
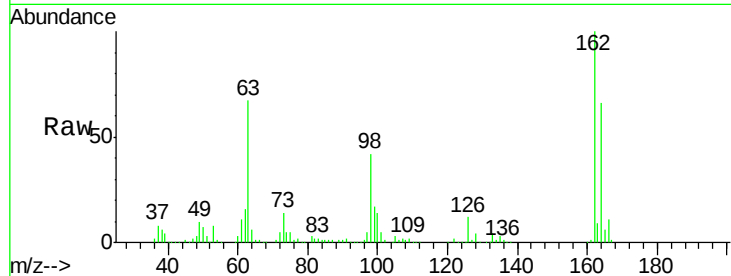
#29
2,4-Dichlorophenol
Concen: 37.36 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	421932		
164	65.8	46.6	86.6	
98	41.6	22.0	62.0	

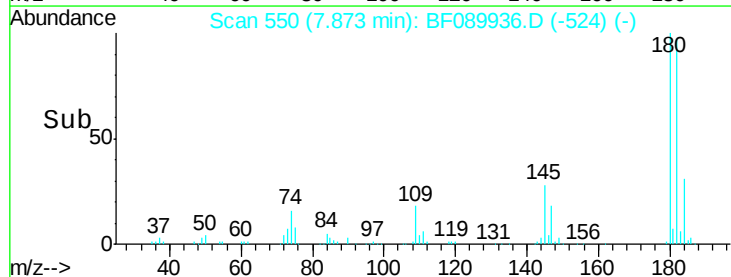
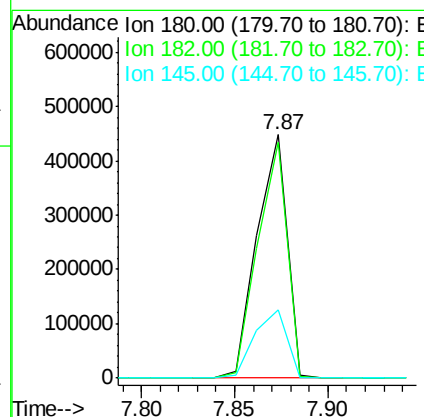
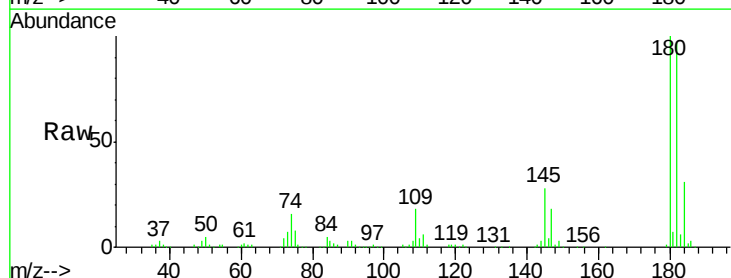
Manual Integrations
APPROVED

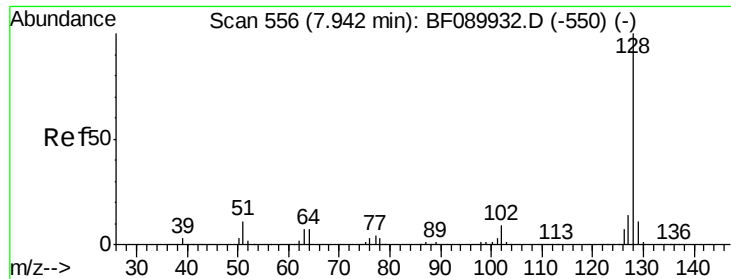
SOHIL
9/1/2016 11:52:17 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.38 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	498477		
182	96.9	76.2	114.2	
145	27.9	22.2	33.4	





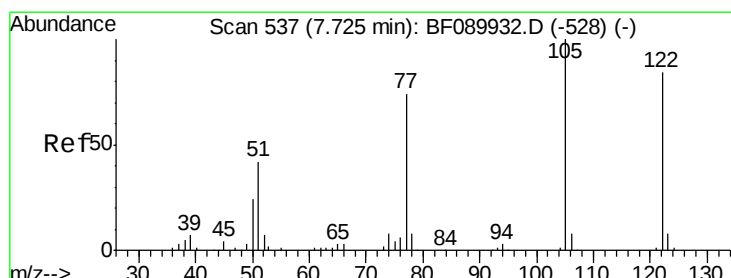
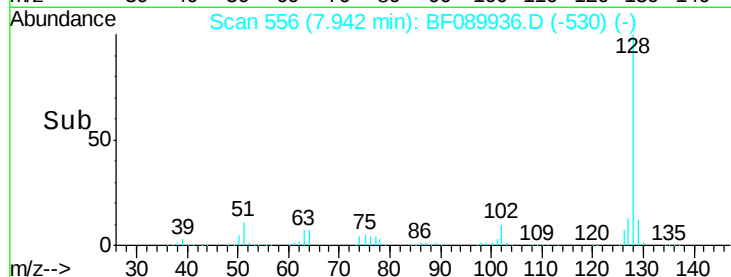
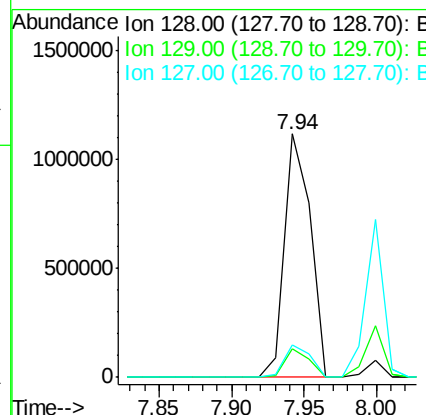
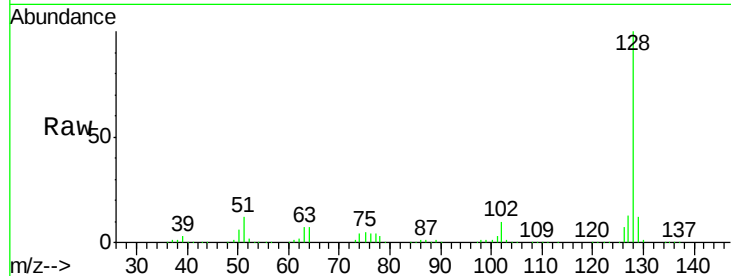
#31
Naphthalene
Concen: 35.63 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.4	10.7	16.1

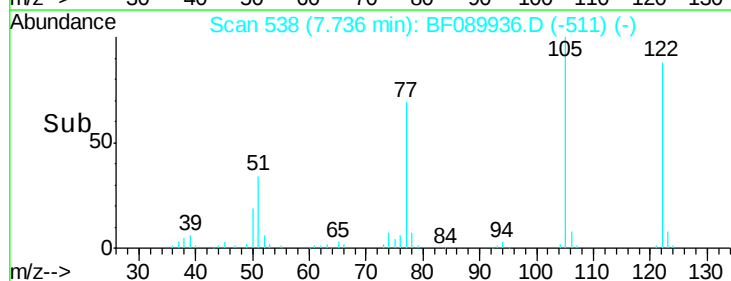
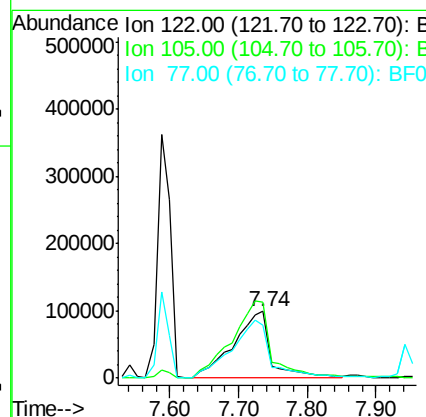
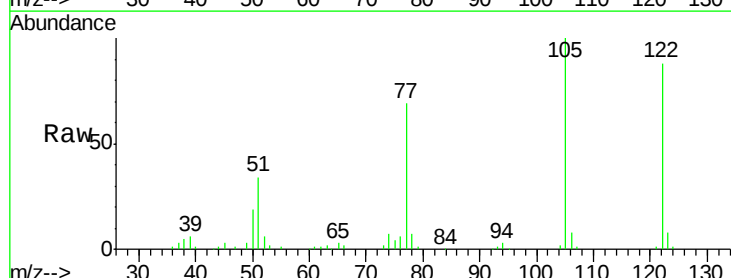
Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#32
Benzoic acid
Concen: 44.05 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.3	102.2	142.2
77	79.3	74.1	114.1





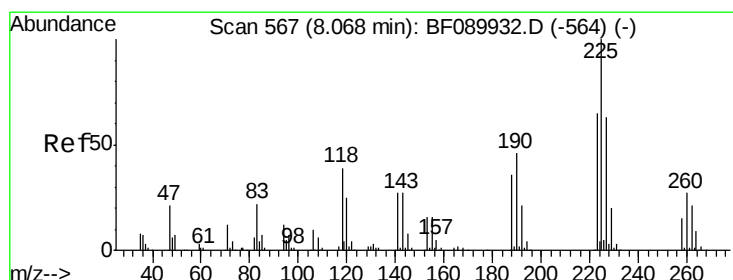
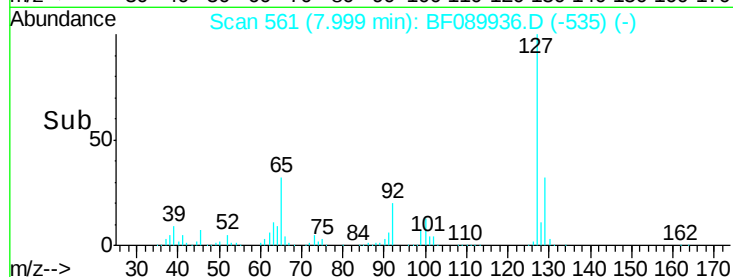
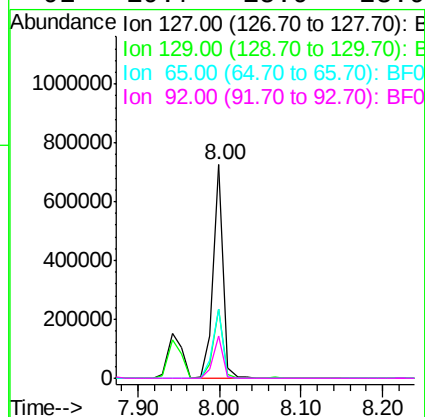
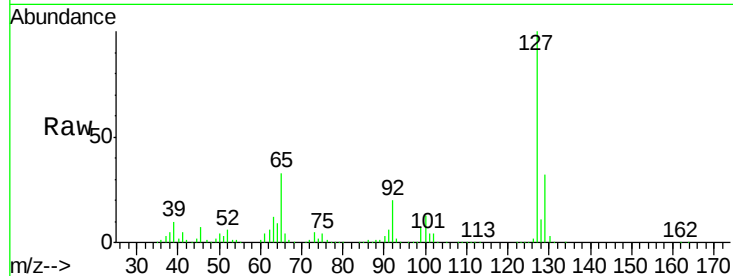
#33
4-Chloroaniline
Concen: 40.65 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	634889		
129	32.4	25.9	38.9	
65	32.5	26.0	39.0	
92	19.7	15.9	23.9	

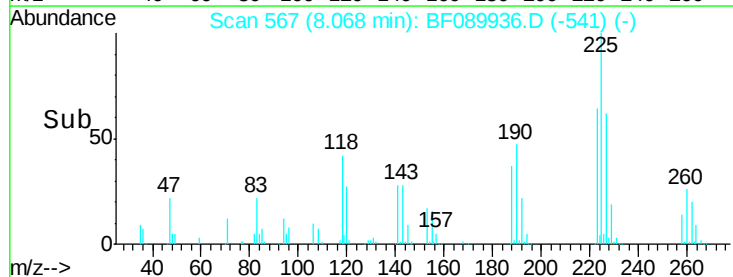
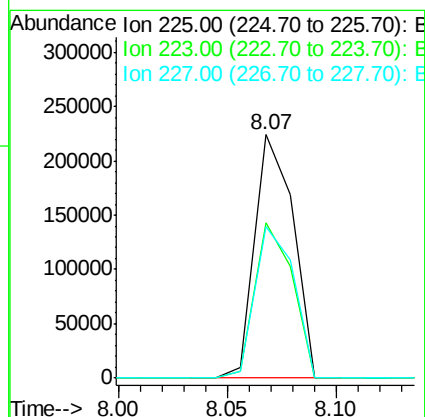
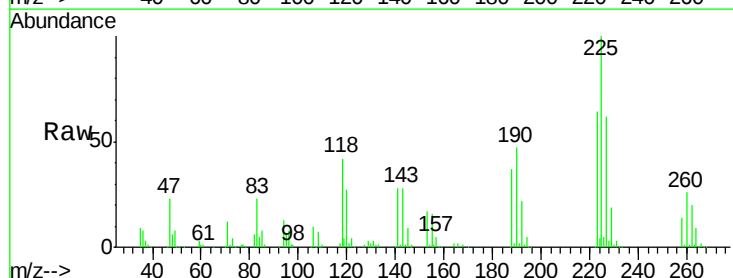
Manual Integrations
APPROVED

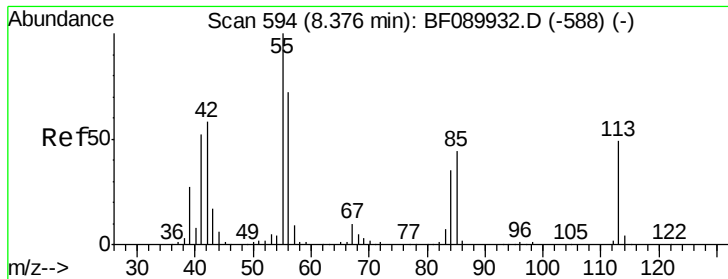
SOHIL
9/1/2016 11:52:17 AM



#34
Hexachlorobutadiene
Concen: 38.22 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	276521		
223	63.8	52.6	78.8	
227	62.3	50.8	76.2	





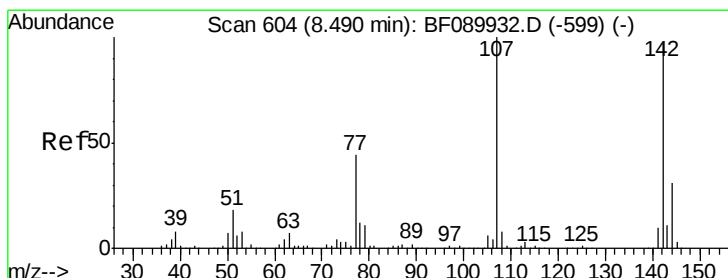
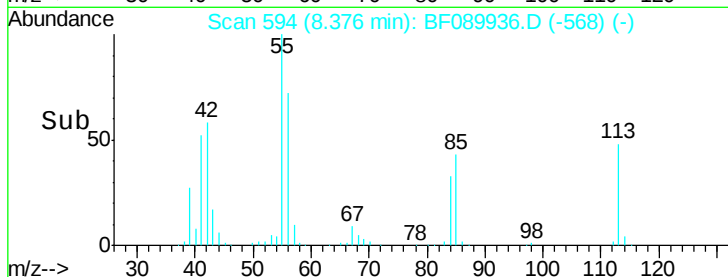
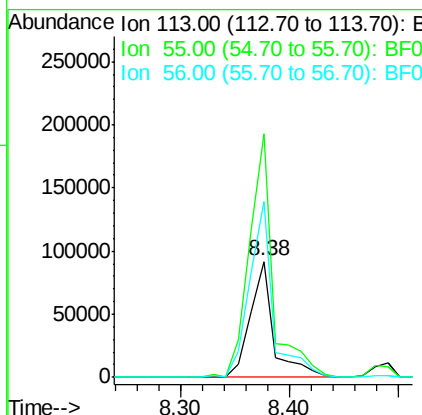
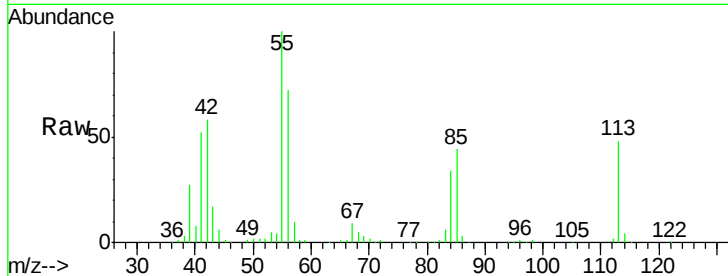
#35
 Caprolactam
 Concen: 38.48 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion	Ratio	Lower	Upper
113	100		
55	210.3	178.5	218.5
56	152.3	122.7	162.7

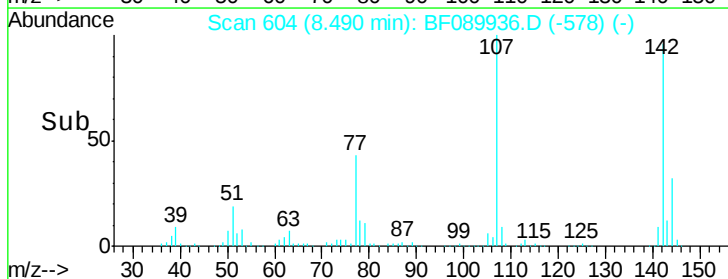
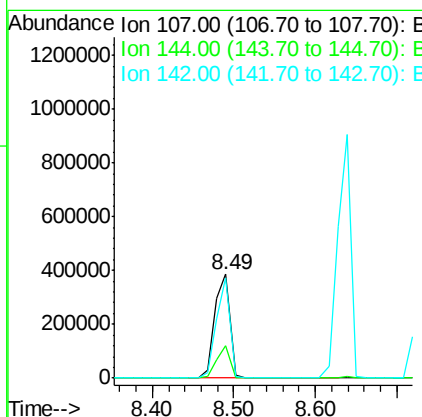
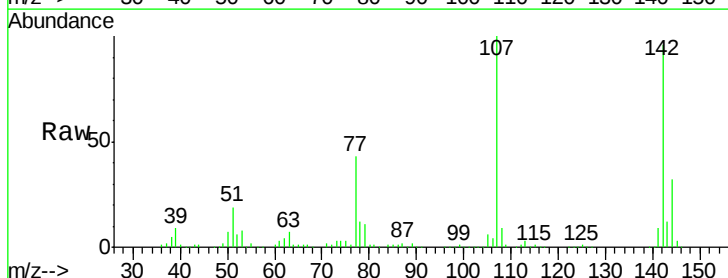
Manual Integrations
 APPROVED

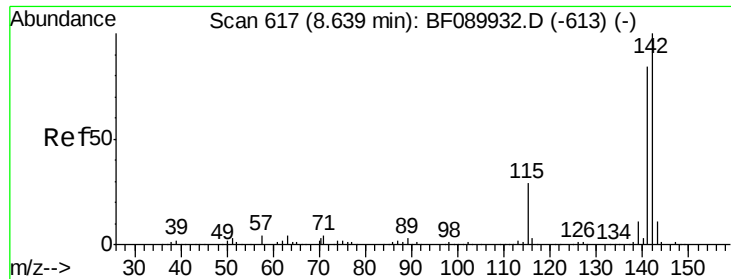
SOHIL
 9/1/2016 11:52:17 AM



#36
 4-Chloro-3-methylphenol
 Concen: 41.83 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	31.6	25.8	38.8
142	96.2	79.2	118.8





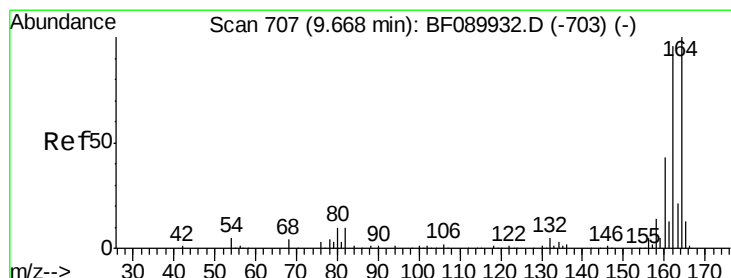
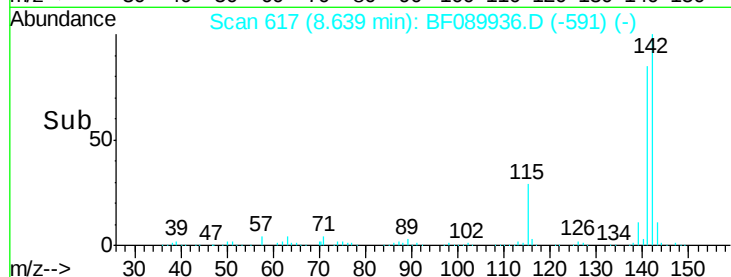
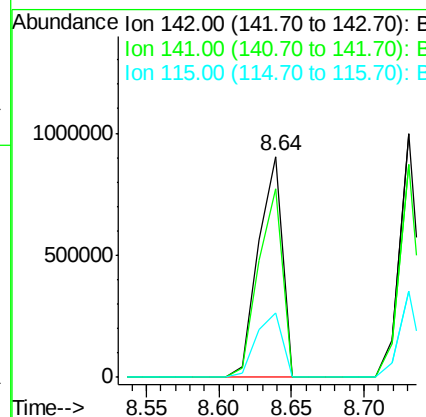
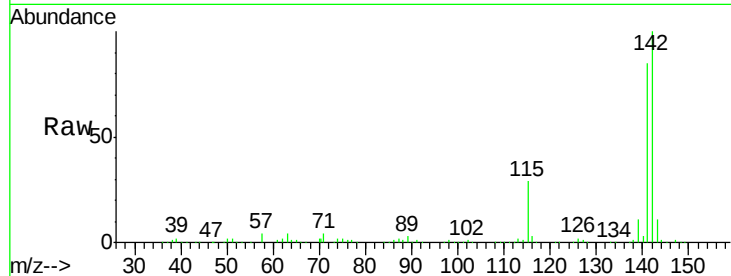
#37
 2-Methylnaphthalene
 Concen: 40.65 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.2	68.3	102.5
115	29.3	23.8	35.8

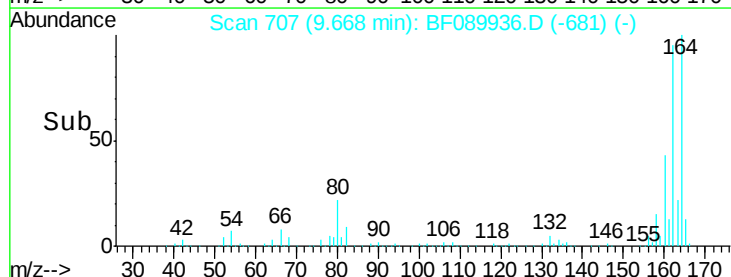
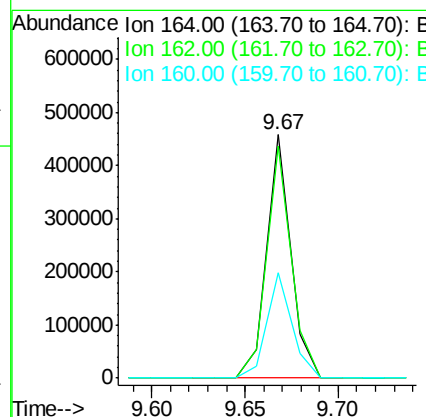
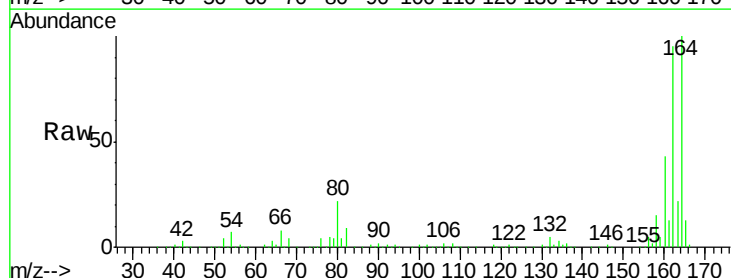
Manual Integrations
 APPROVED

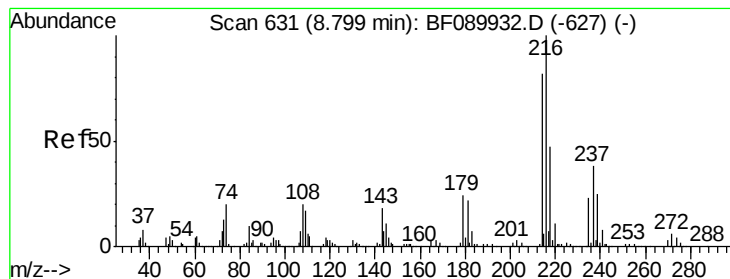
SOHIL
 9/1/2016 11:52:17 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.4	77.1	115.7
160	43.3	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.76 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

ClientSampleId :

ICVBF083116

Tgt Ion: 216 Resp: 428872
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

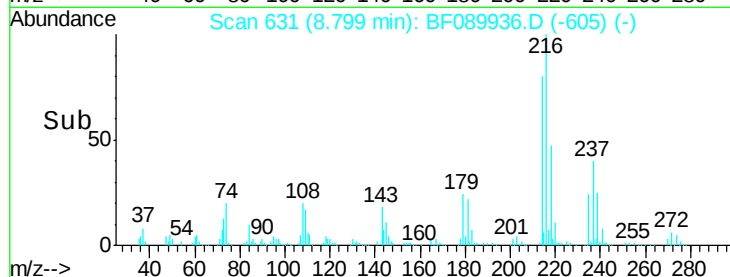
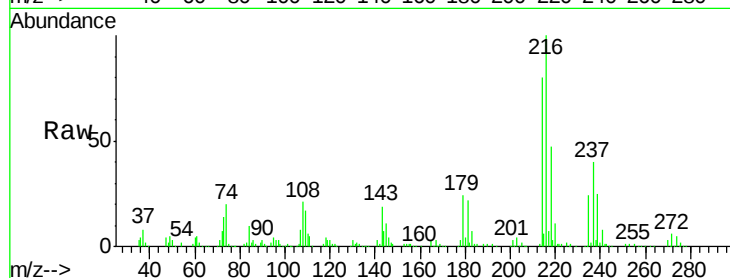
179 21.8 17.3 25.9

108 19.7 15.5 23.3

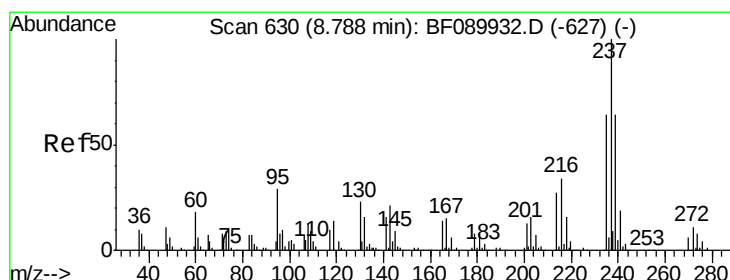
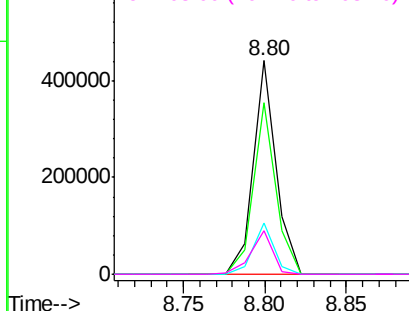
Manual Integrations
APPROVED

SOHIL

9/1/2016 11:52:17 AM



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.92 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089936.D

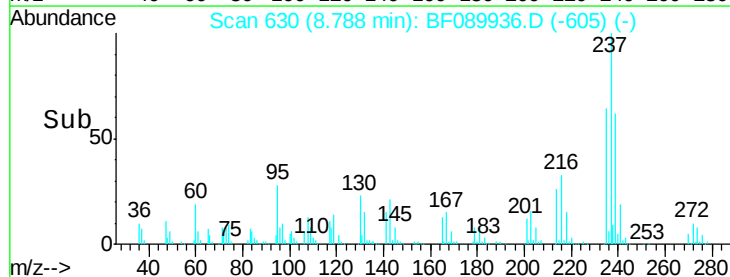
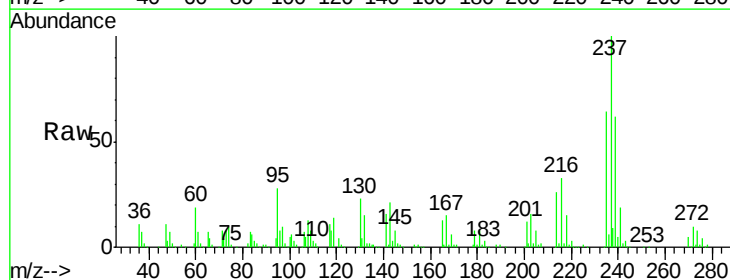
Acq: 31 Aug 2016 5:57

Tgt Ion: 237 Resp: 257748
Ion Ratio Lower Upper

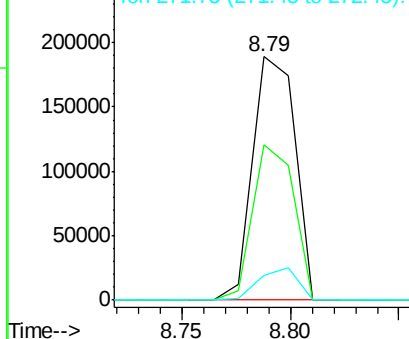
237 100

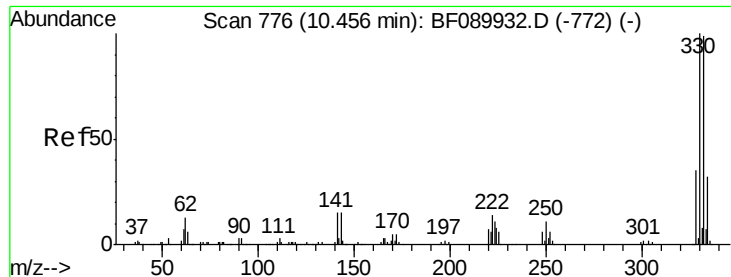
235 63.9 39.6 79.6

272 10.1 0.0 34.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





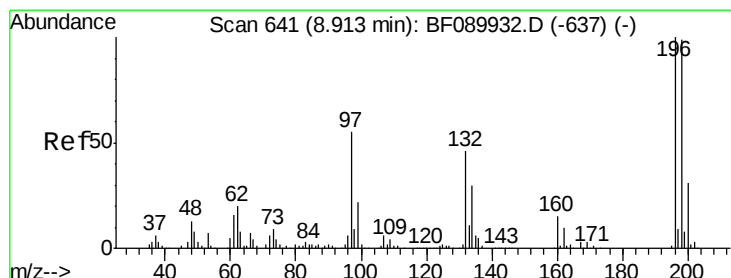
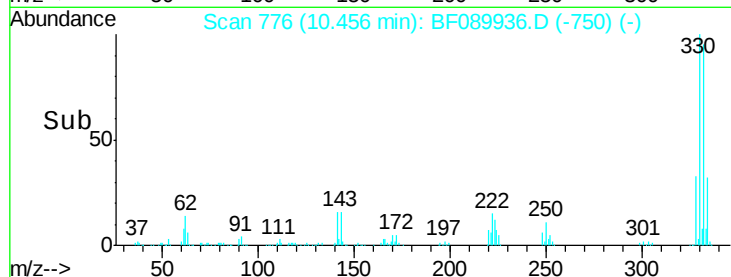
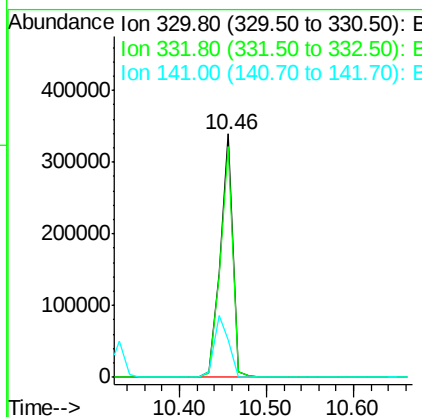
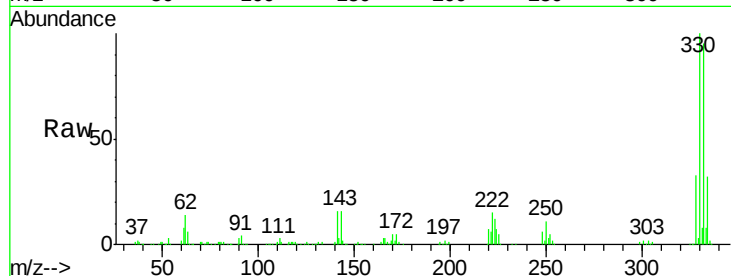
#41
 2,4,6-Tribromophenol
 Concen: 86.14 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	347896		
332	95.6	78.6	117.8	
141	29.6	23.3	34.9	

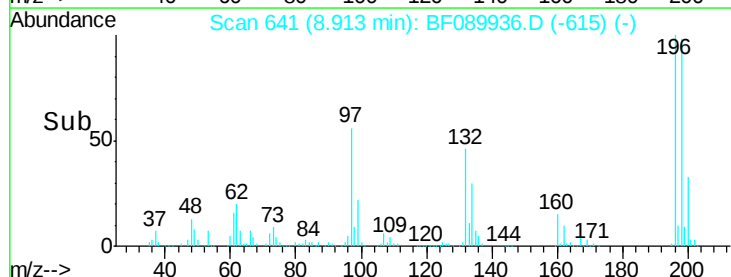
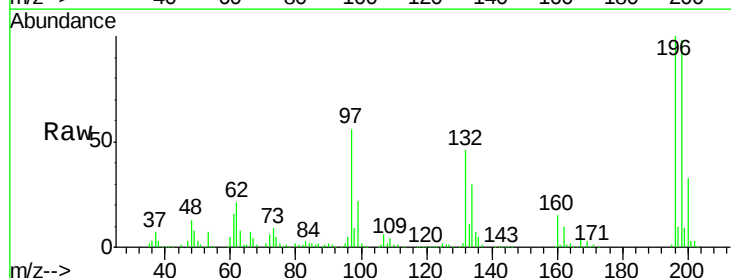
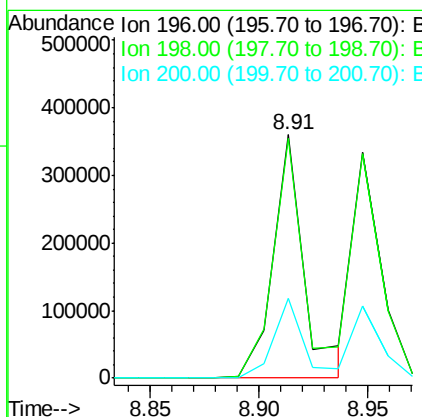
Manual Integrations
 APPROVED

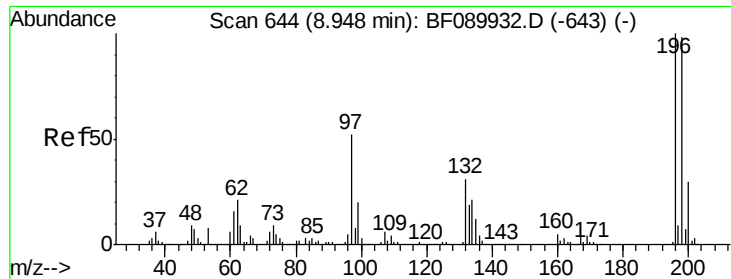
SOHIL
 9/1/2016 11:52:17 AM



#42
 2,4,6-Trichlorophenol
 Concen: 43.15 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	358618		
198	98.5	78.3	117.5	
200	32.6	24.8	37.2	





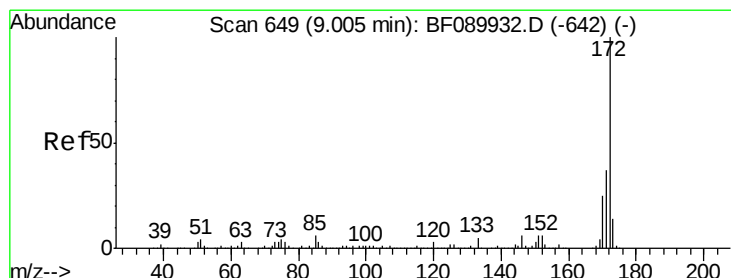
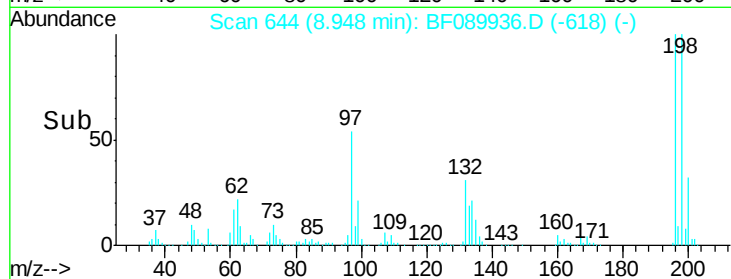
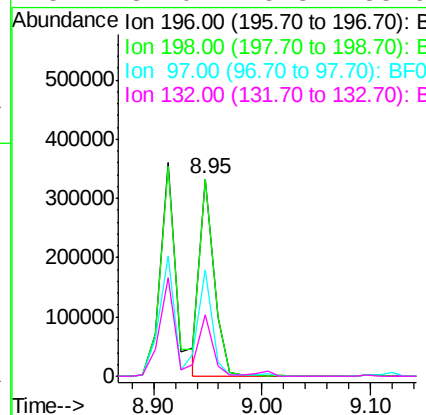
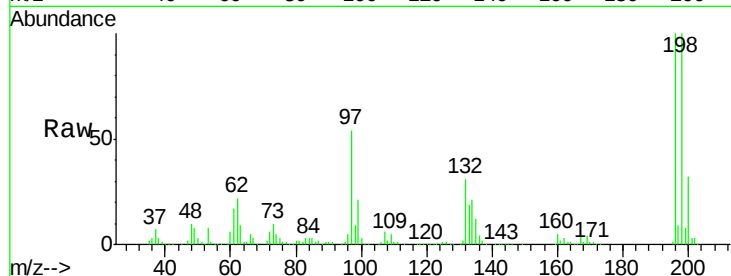
#43
 2,4,5-Trichlorophenol
 Concen: 38.14 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion:	196	Resp:	304782
Ion Ratio	Lower	Upper	
196	100		
198	99.7	80.8	121.2
97	54.0	44.2	66.4
132	31.0	25.8	38.6

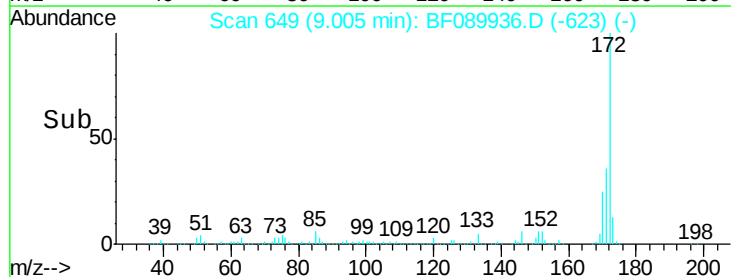
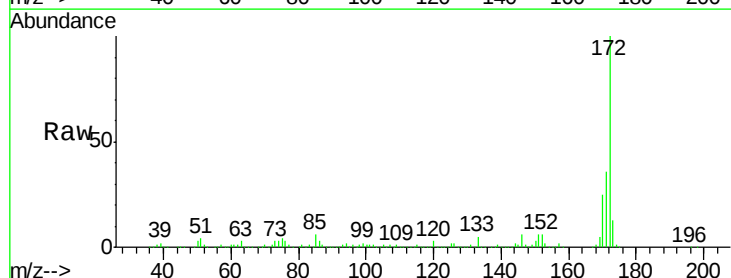
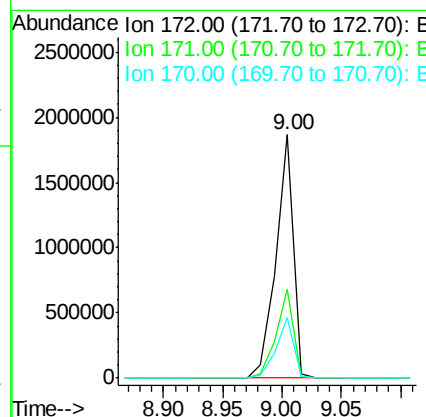
Manual Integrations
 APPROVED

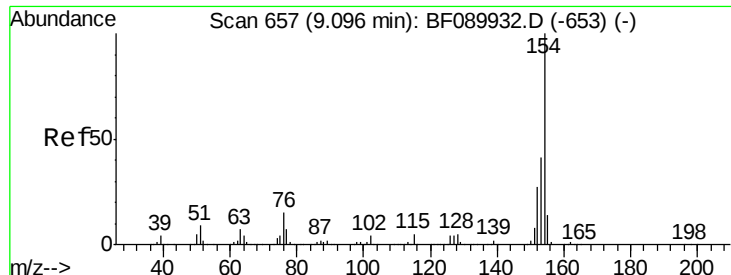
SOHIL
 9/1/2016 11:52:17 AM



#44
 2-Fluorobiphenyl
 Concen: 76.60 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion:	172	Resp:	1910284
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.4	44.2
170	25.0	20.1	30.1





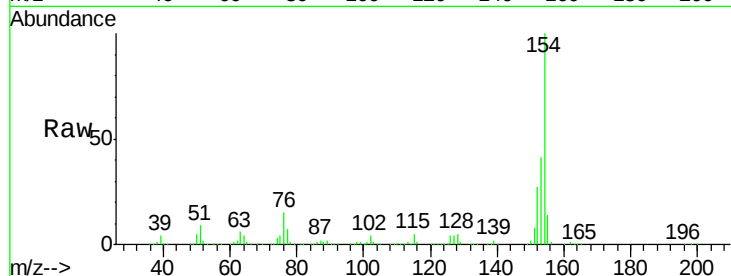
#45
 1,1'-Biphenyl
 Concen: 36.34 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

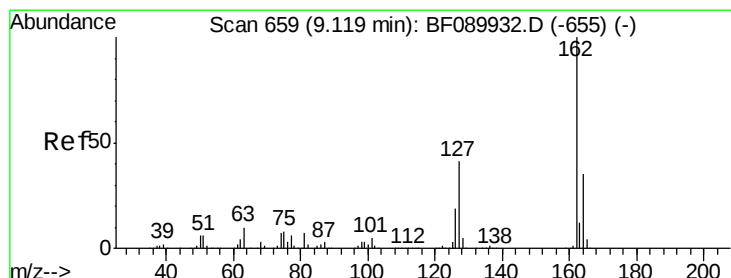
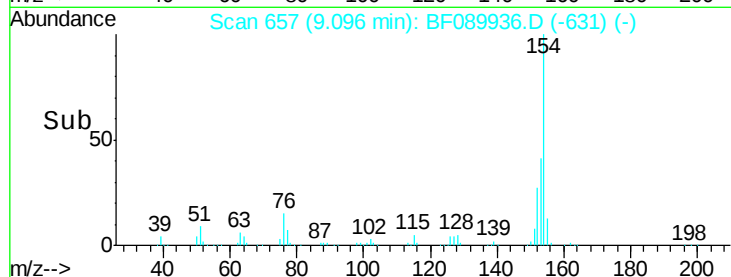
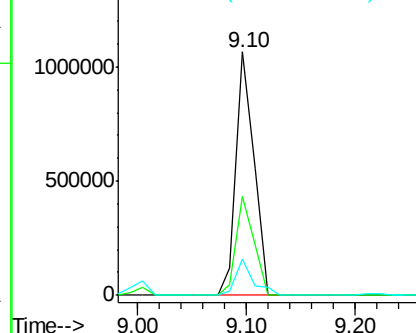
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	15.0	0.0	34.9

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:17 AM

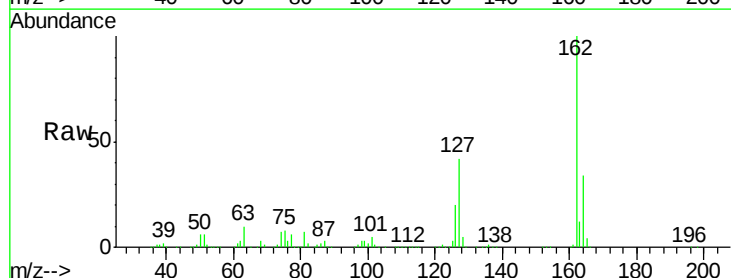


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

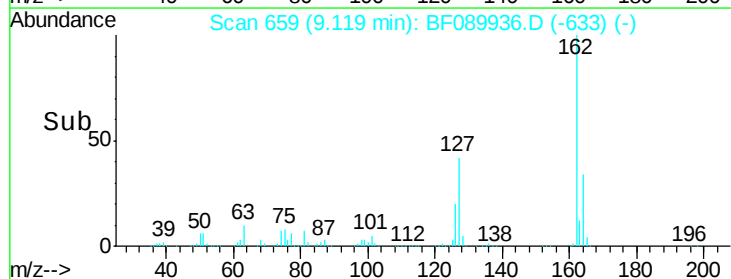
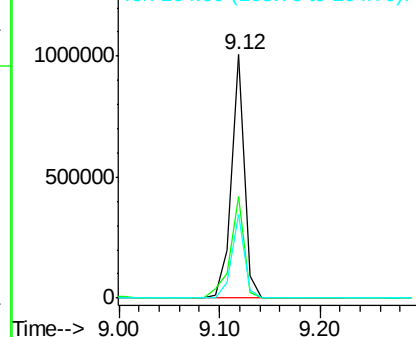


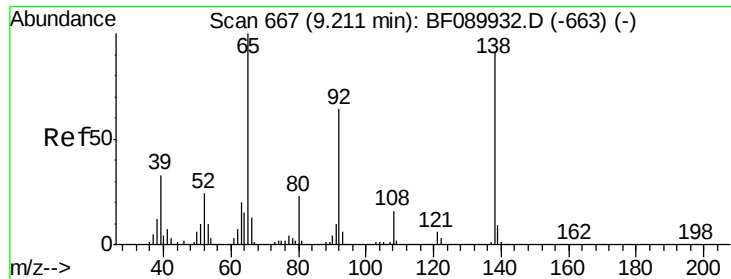
#46
 2-Chloronaphthalene
 Concen: 38.52 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.5	50.3
164	34.4	28.2	42.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





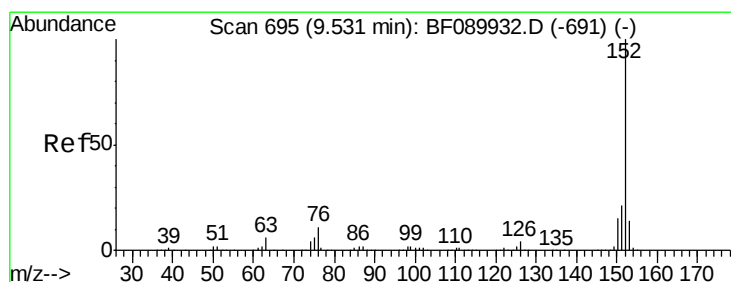
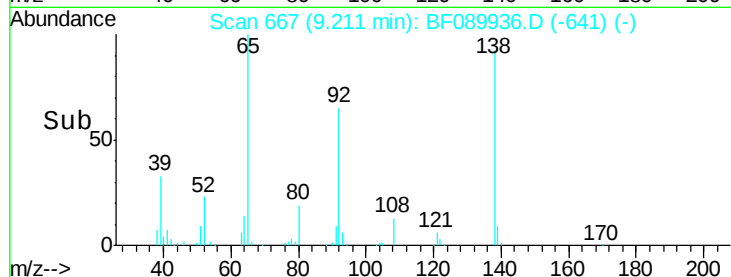
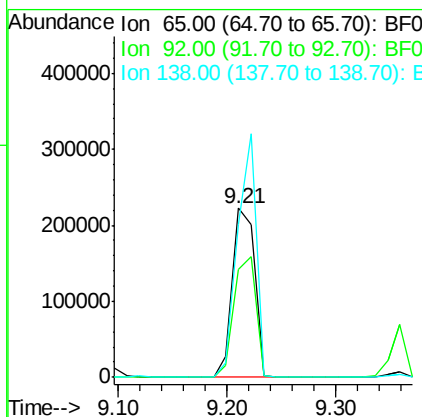
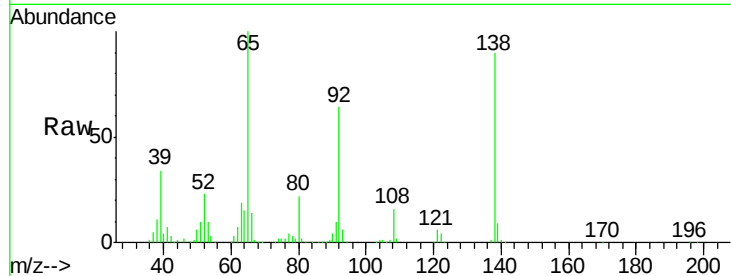
#47
2-Nitroaniline
Concen: 41.00 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	312485		
92	64.0	52.0	78.0	
138	89.9	72.1	108.1	

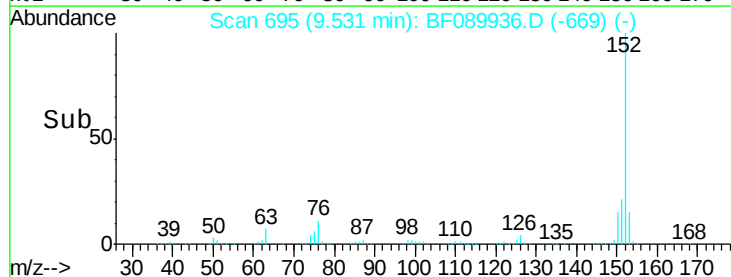
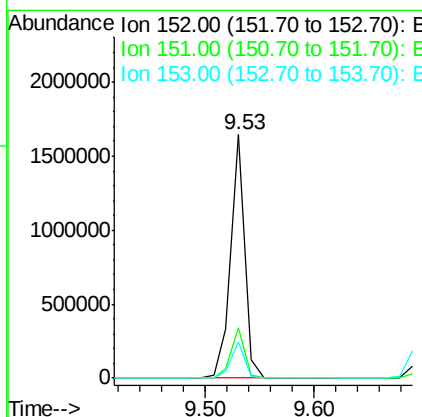
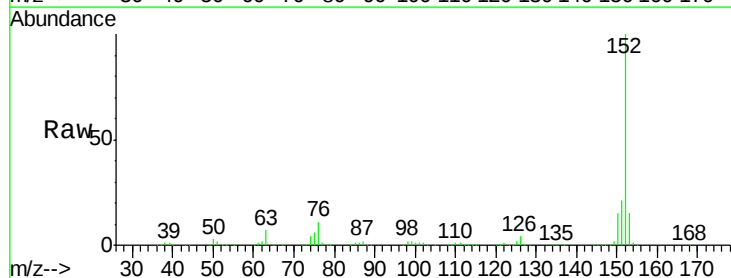
Manual Integrations
APPROVED

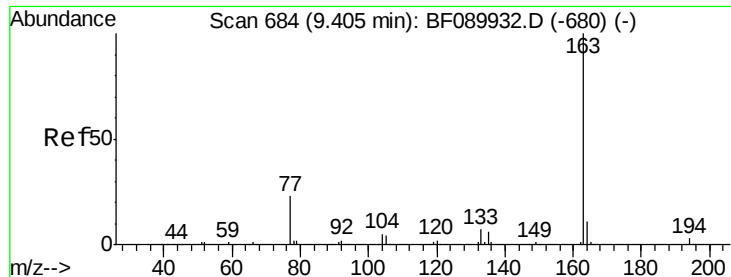
SOHIL
9/1/2016 11:52:17 AM



#48
Acenaphthylene
Concen: 37.89 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1460563		
151	20.9	16.7	25.1	
153	14.6	11.6	17.4	





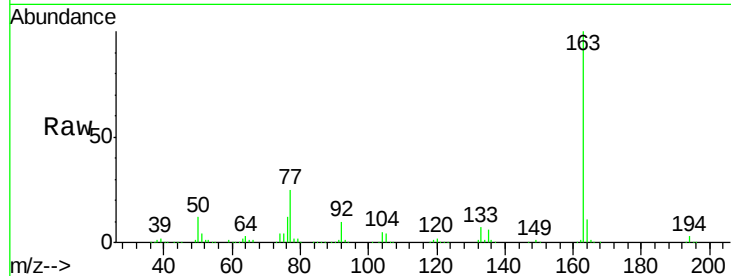
#49
Dimethylphthalate
Concen: 38.71 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

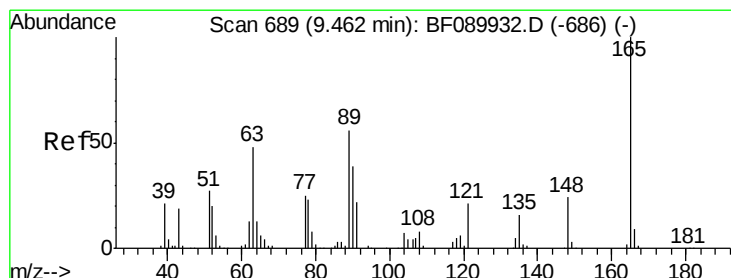
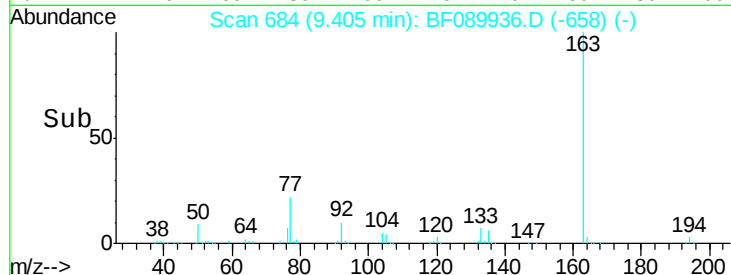
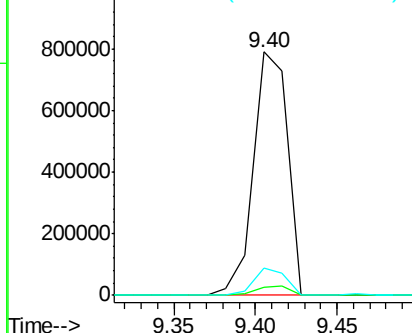
Tgt Ion:163 Resp: 1145331
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.3 9.0 13.4

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM

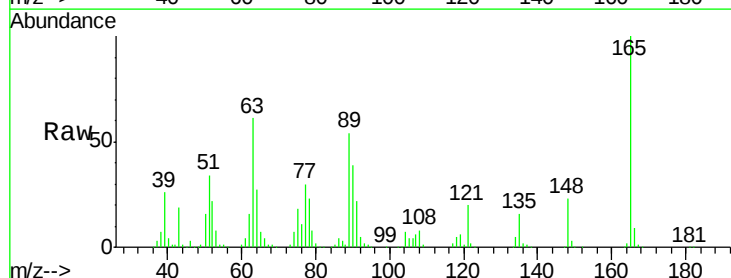


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

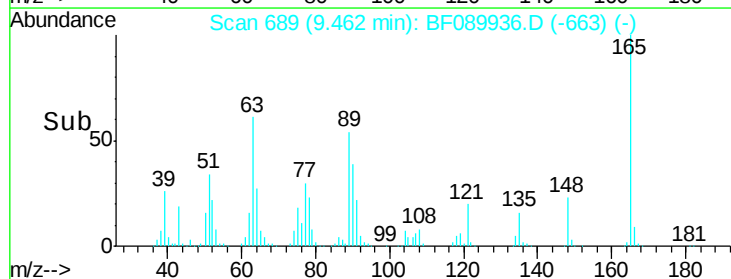
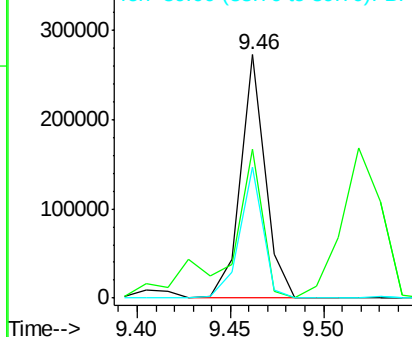


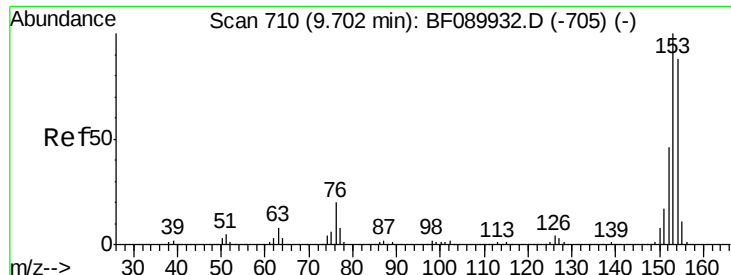
#50
2,6-Dinitrotoluene
Concen: 38.36 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion:165 Resp: 252428
Ion Ratio Lower Upper
165 100
63 61.0 45.0 67.4
89 53.7 41.5 62.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.54 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

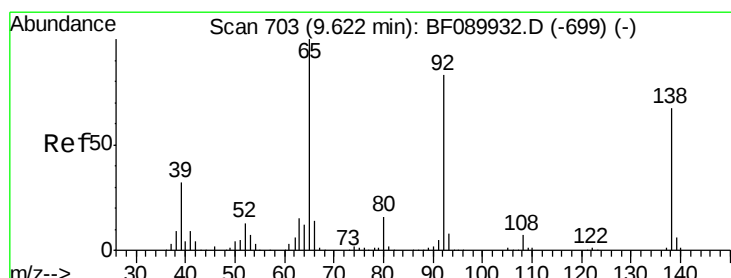
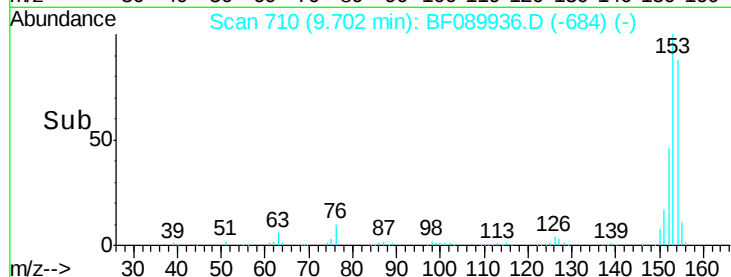
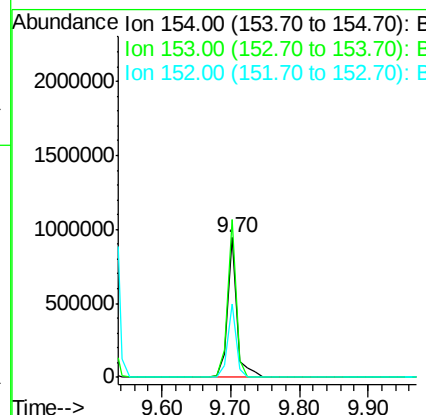
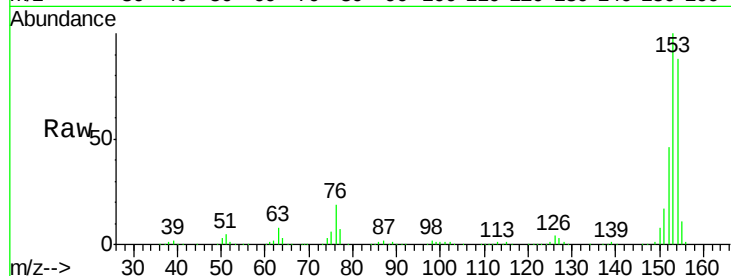
ClientSampleId :

ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	916889		
153	113.5	90.6	135.8	
152	52.8	42.4	63.6	

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#52

3-Nitroaniline

Concen: 42.58 ng

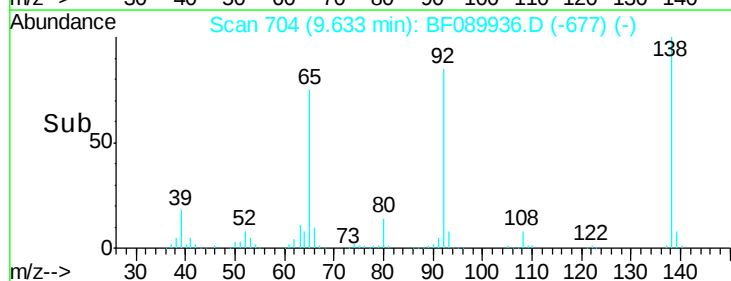
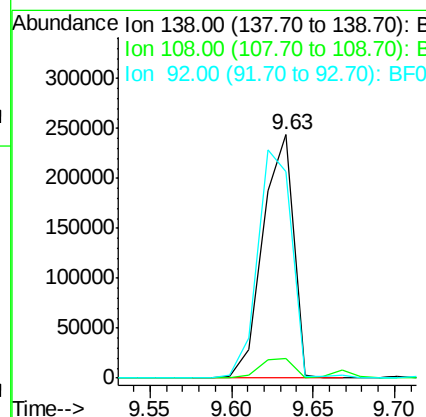
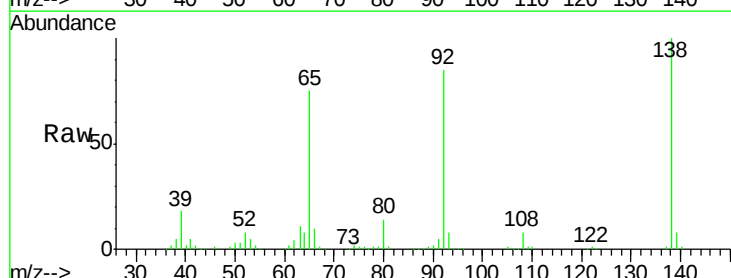
RT: 9.63 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	319553		
108	7.9	8.3	12.5#	
92	84.6	99.1	148.7#	





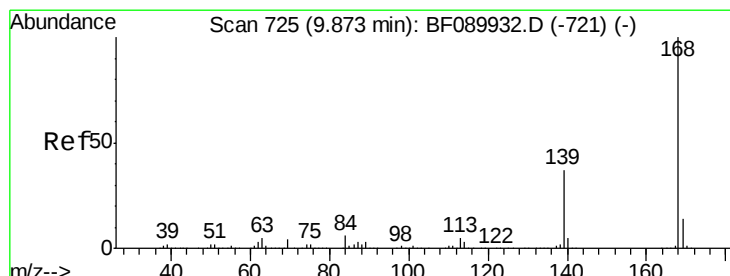
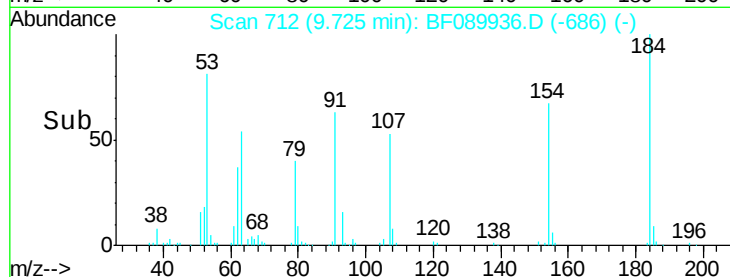
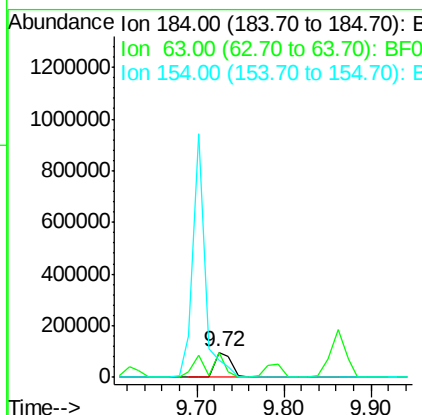
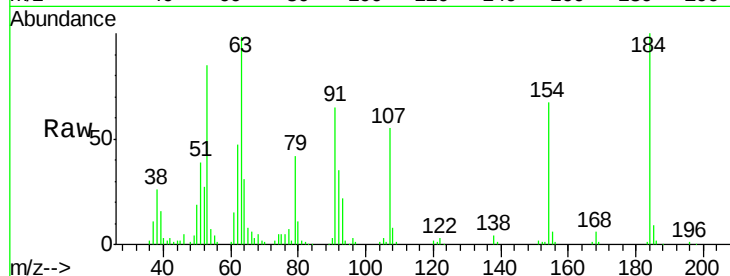
#53
2,4-Dinitrophenol
Concen: 40.26 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	131061		
63	97.6	73.9	110.9	
154	66.8	53.5	80.3	

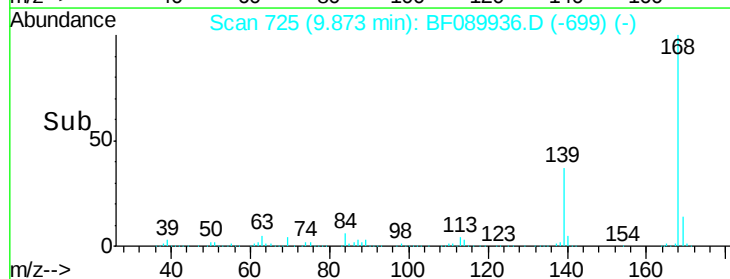
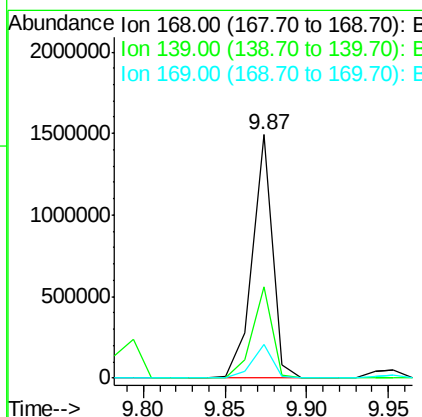
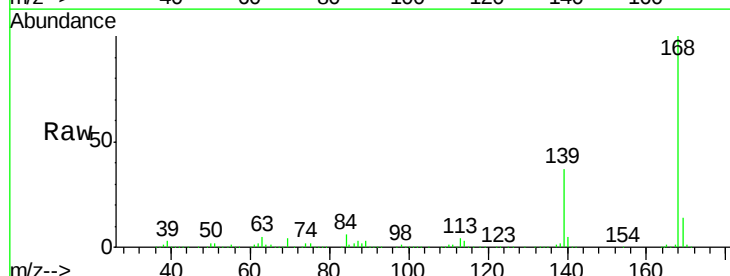
Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#54
Dibenzofuran
Concen: 39.07 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1278772		
139	37.2	29.5	44.3	
169	13.9	10.8	16.2	





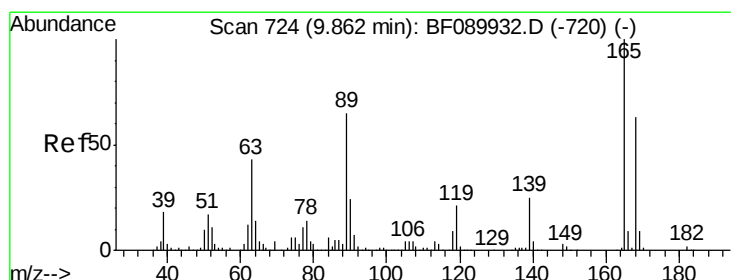
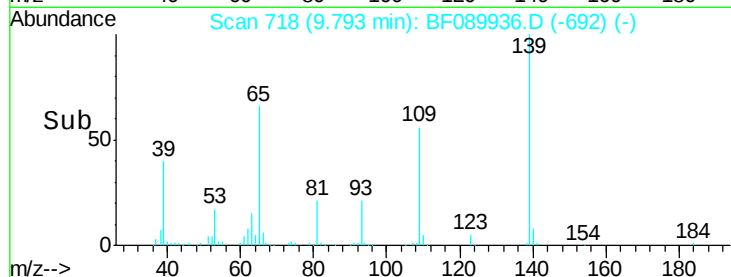
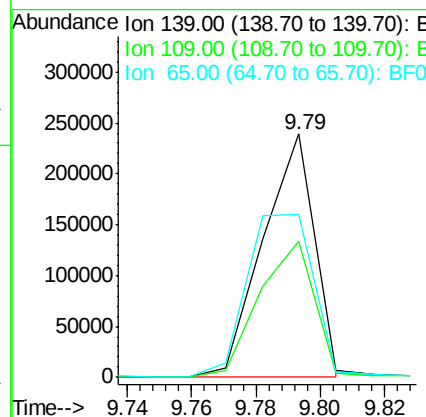
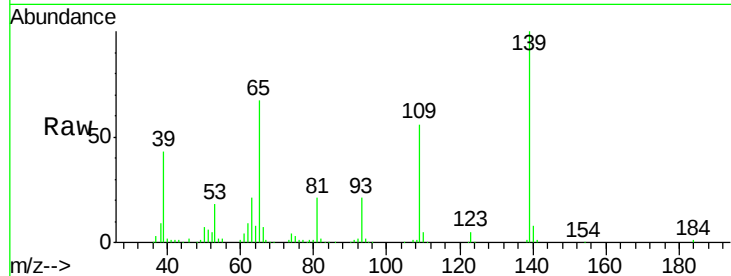
#55
4-Nitrophenol
Concen: 47.40 ng m
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	268335		
109	56.0	31.3	71.3	
65	66.9	38.5	78.5	

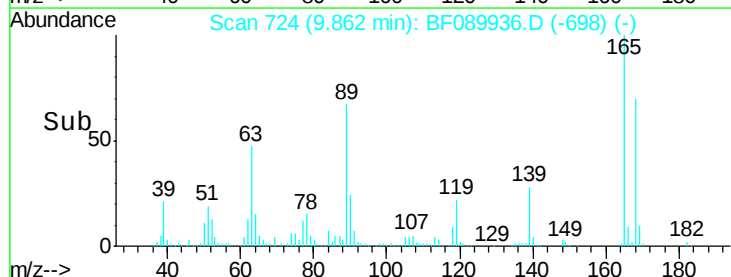
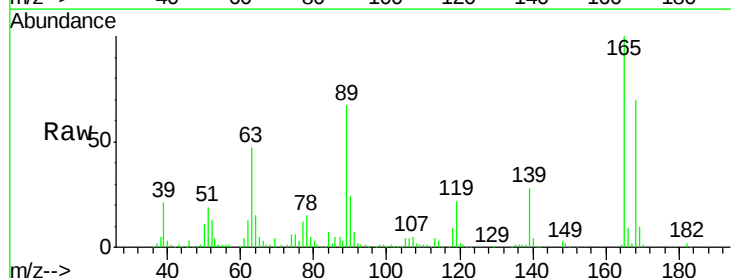
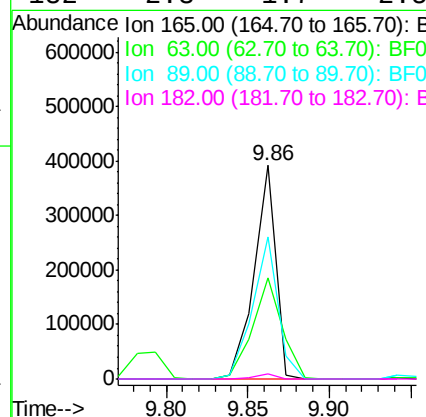
Manual Integrations
APPROVED

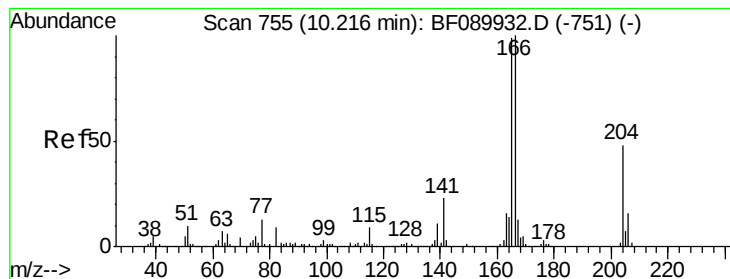
SOHIL
9/1/2016 11:52:17 AM



#56
2,4-Dinitrotoluene
Concen: 43.34 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	361671		
63	47.3	32.5	48.7	
89	66.8	48.3	72.5	
182	2.3	1.7	2.5	





#57

Fluorene

Concen: 42.45 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

ClientSampleId :

ICVBF083116

Tgt Ion:166 Resp: 1015361

Ion Ratio Lower Upper

166 100

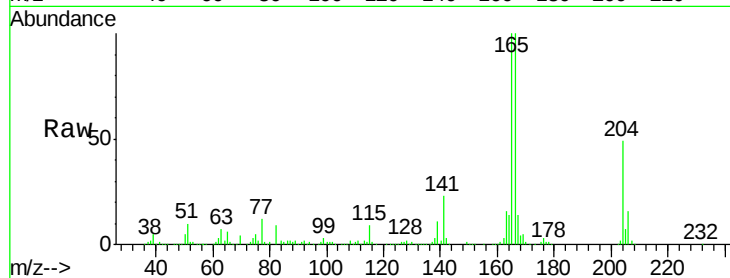
165 100.0 78.6 118.0

167 13.6 10.6 15.8

Manual Integrations
APPROVED

SOHIL

9/1/2016 11:52:17 AM

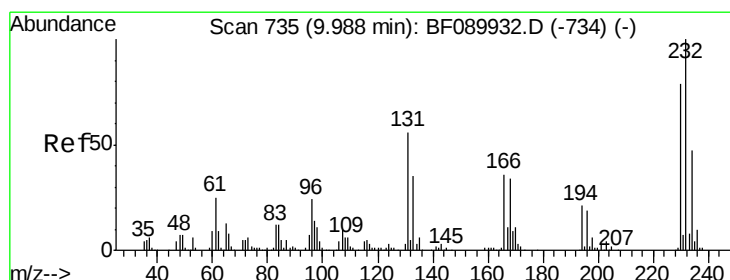
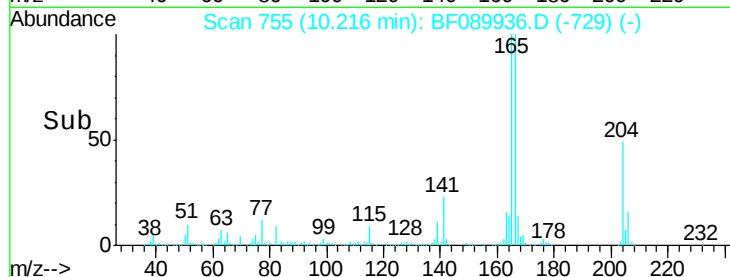
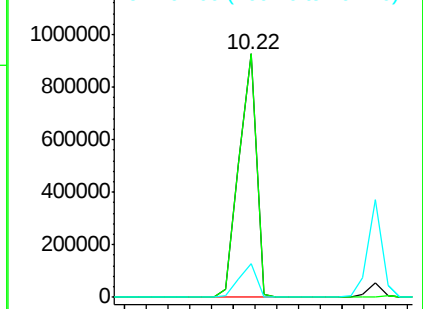


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.36 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion:232 Resp: 262471

Ion Ratio Lower Upper

232 100

131 45.7 36.3 54.5

130 2.1 1.7 2.5

166 30.8 24.4 36.6

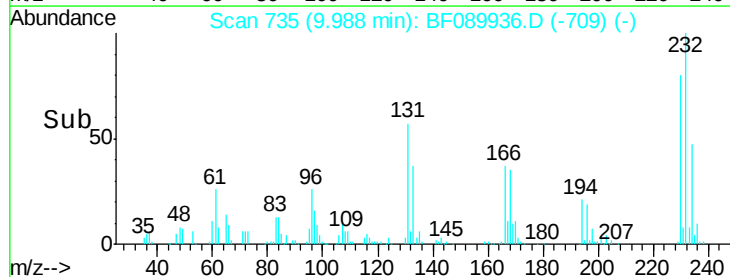
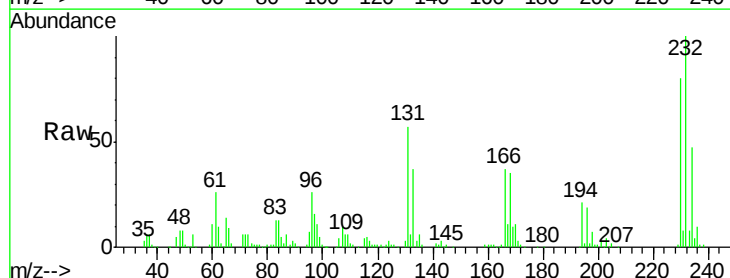
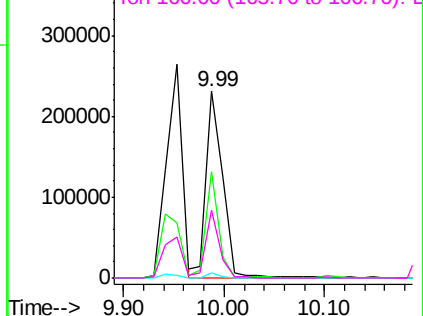
Abundance

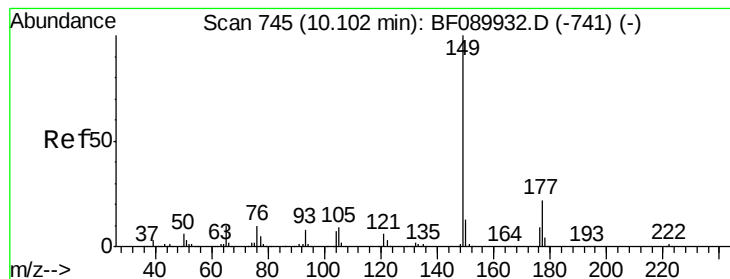
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.15 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

ClientSampleId :

ICVBF083116

Tgt Ion:149 Resp: 1089602

Ion Ratio Lower Upper

149 100

177 22.2 17.7 26.5

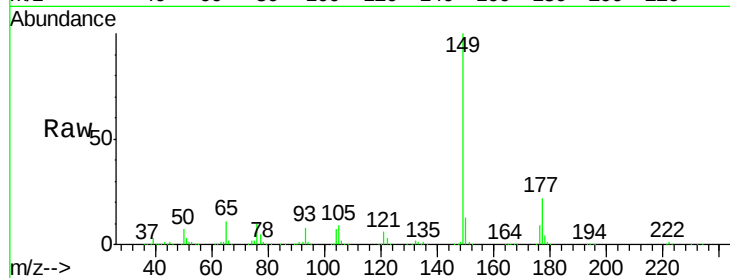
150 13.0 10.2 15.2

Manual Integrations

APPROVED

SOHIL

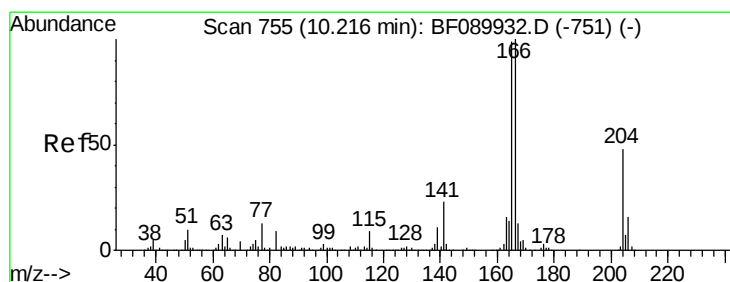
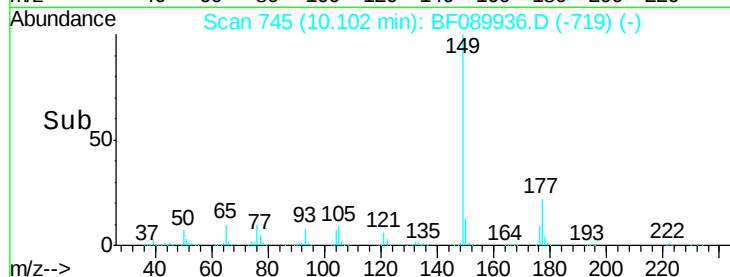
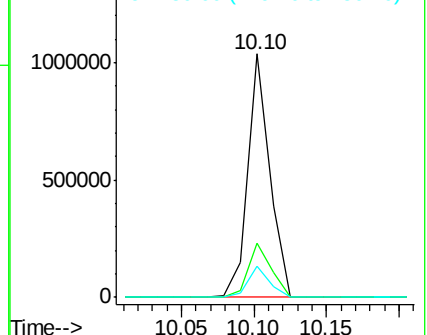
9/1/2016 11:52:17 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.51 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

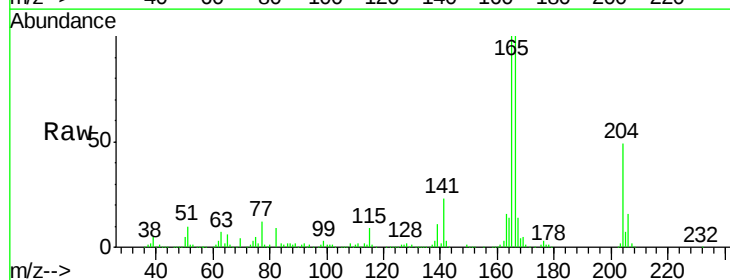
Tgt Ion:204 Resp: 467184

Ion Ratio Lower Upper

204 100

206 32.9 26.6 40.0

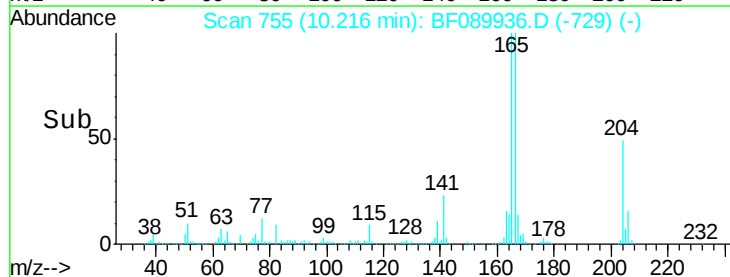
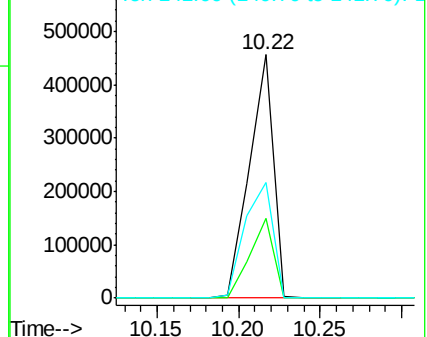
141 47.6 36.5 54.7

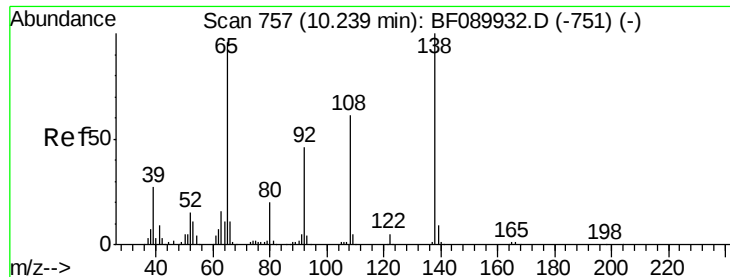


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





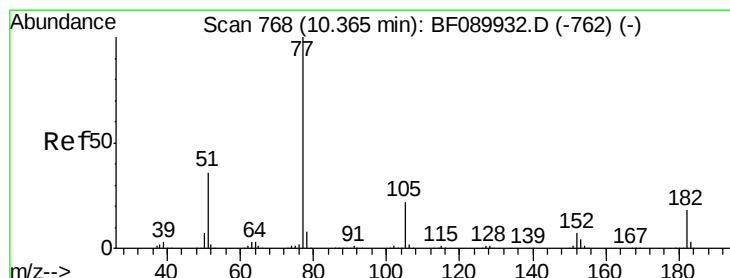
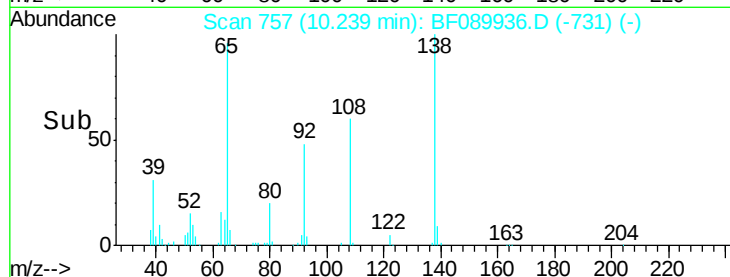
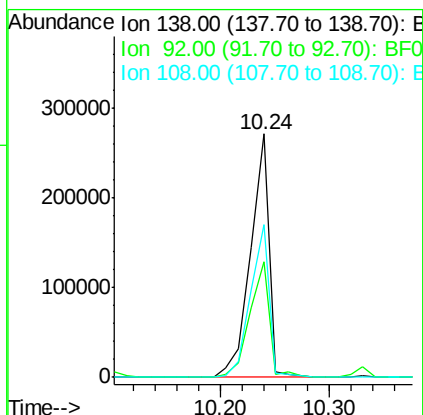
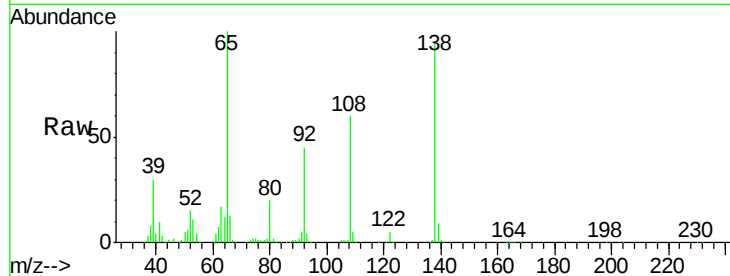
#61
4-Nitroaniline
Concen: 43.77 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	21.2	61.2
108	62.9	37.7	77.7

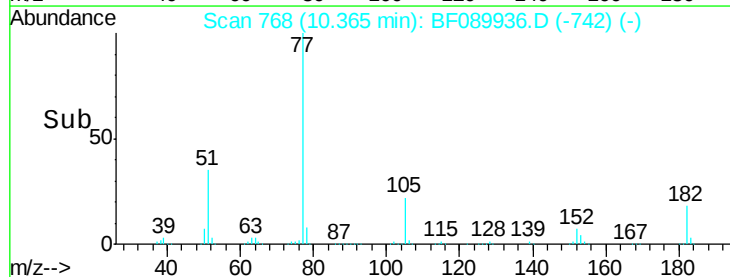
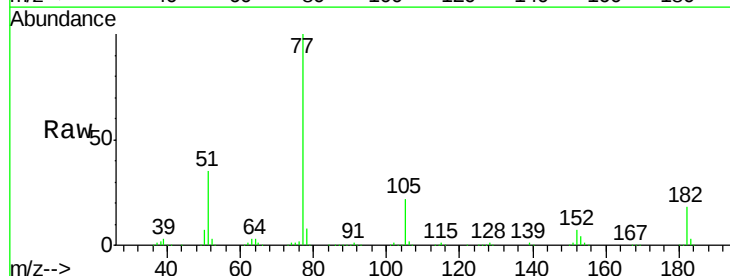
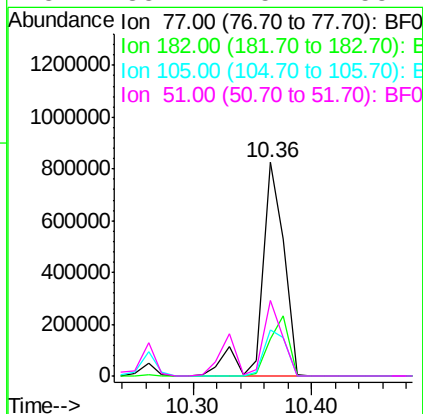
Manual Integrations
APPROVED

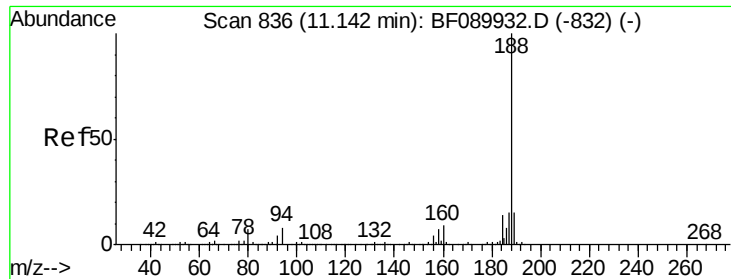
SOHIL
9/1/2016 11:52:17 AM



#62
Azobenzene
Concen: 38.79 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	0.0	38.6
105	21.8	2.3	42.3
51	35.4	15.1	55.1





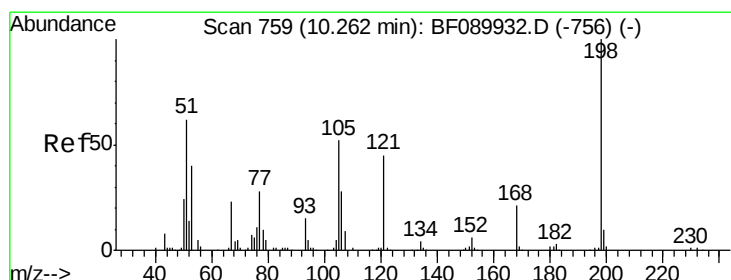
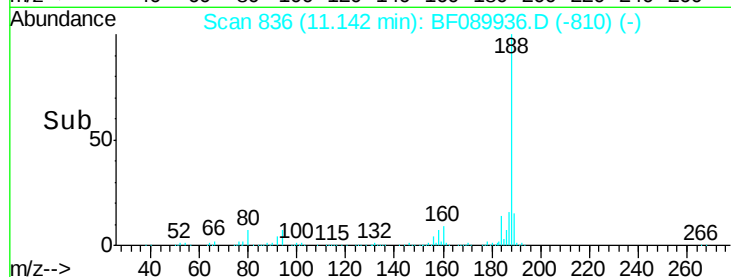
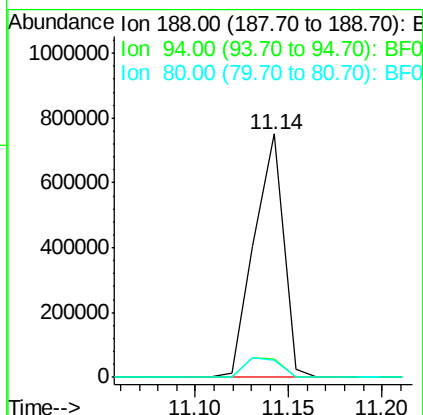
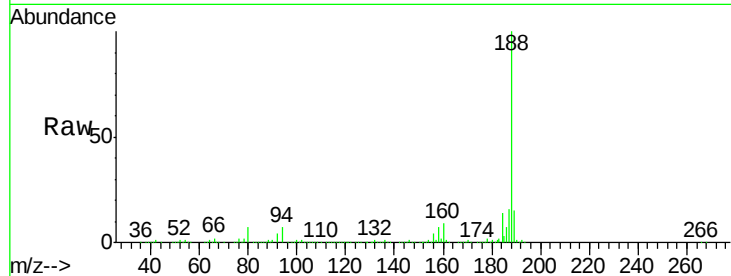
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.3	5.9	8.9
80	7.3	5.8	8.8

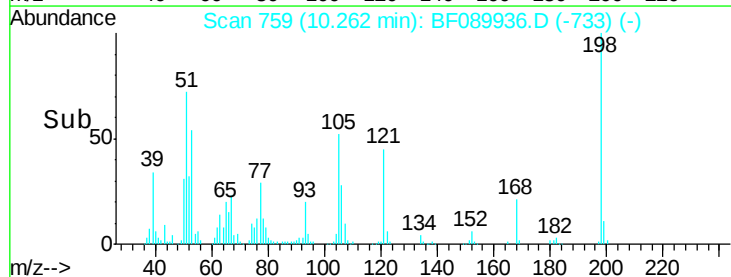
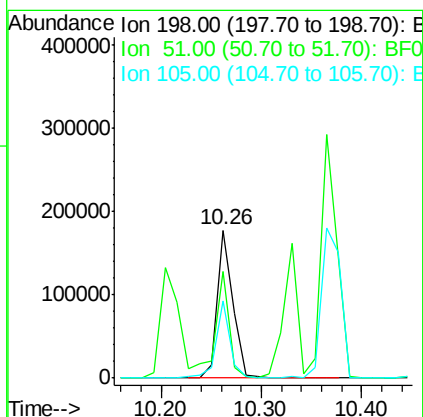
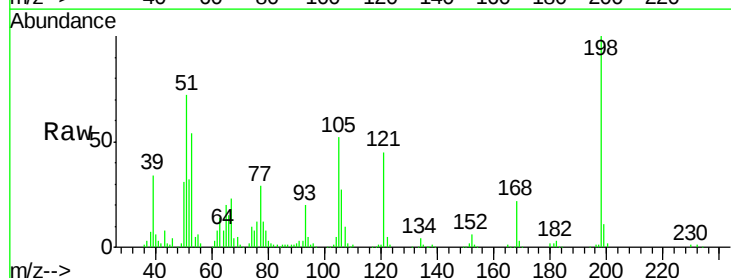
Manual Integrations
APPROVED

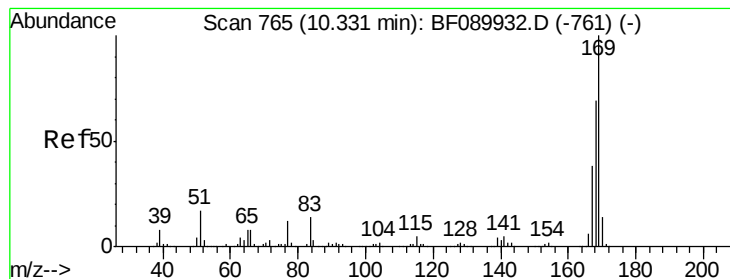
SOHIL
9/1/2016 11:52:17 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.35 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	71.6	43.0	83.0
105	52.3	30.3	70.3





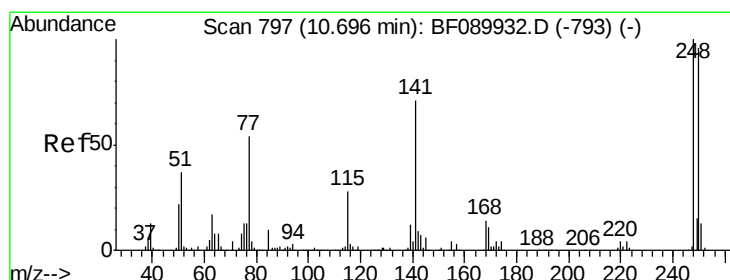
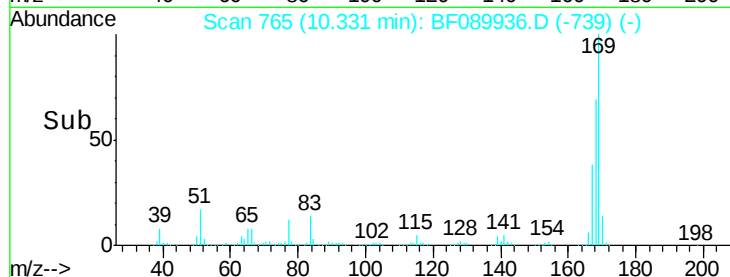
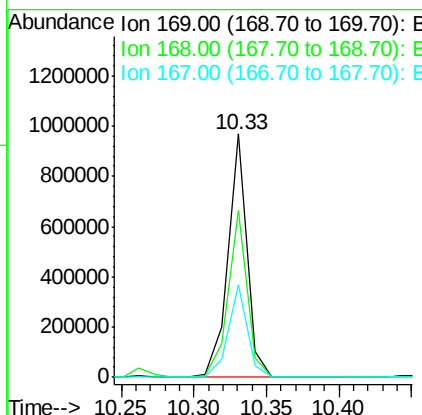
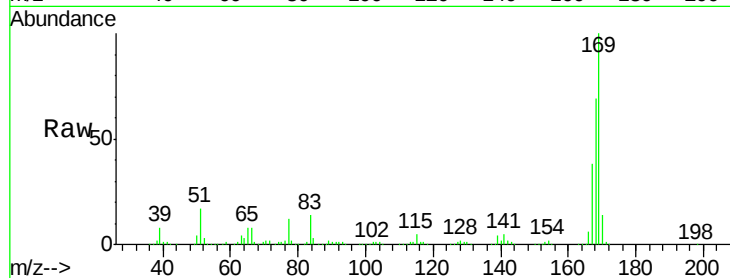
#65
 n-Nitrosodiphenylamine
 Concen: 35.87 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	884907		
168	68.6	55.0	82.4	
167	38.2	30.5	45.7	

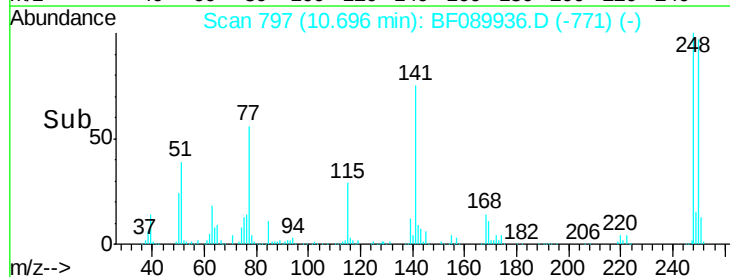
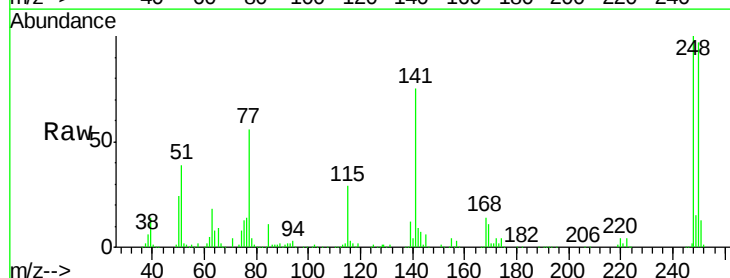
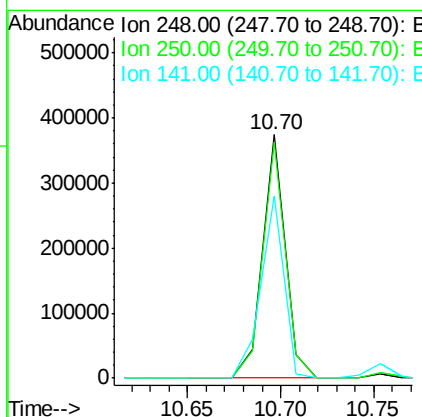
Manual Integrations
 APPROVED

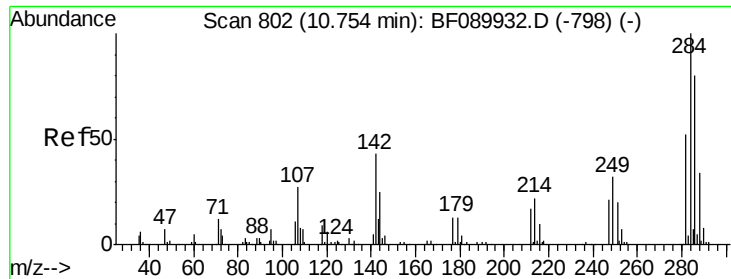
SOHIL
 9/1/2016 11:52:17 AM



#66
 4-Bromophenyl-phenylether
 Concen: 37.82 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	312389		
250	96.8	77.3	115.9	
141	74.6	55.8	83.8	





#67

Hexachlorobenzene

Concen: 36.54 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

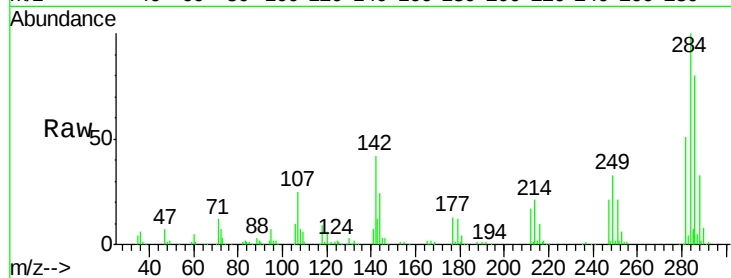
ClientSampleId :

ICVBF083116

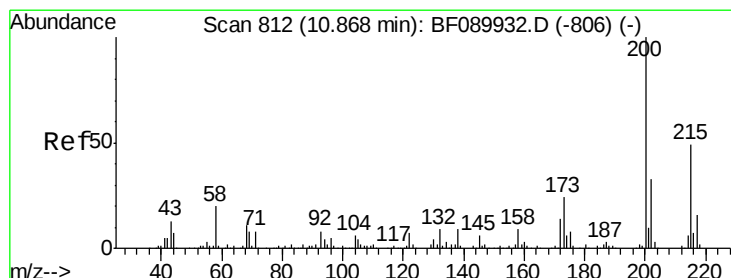
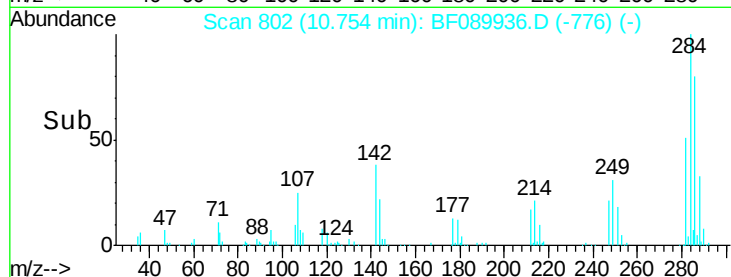
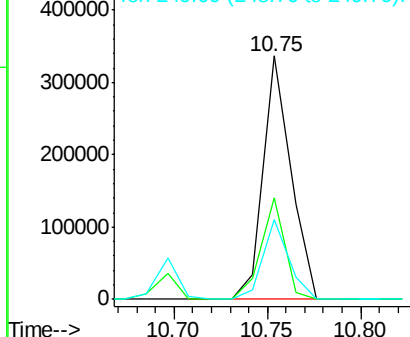
Tgt Ion:	284	Resp:	344710
Ion Ratio	Lower	Upper	
284	100		
142	41.5	32.7	49.1
249	32.9	26.9	40.3

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.92 ng

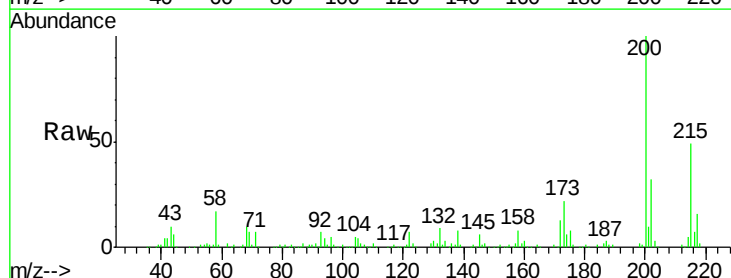
RT: 10.87 min Scan# 812

Delta R.T. 0.01 min

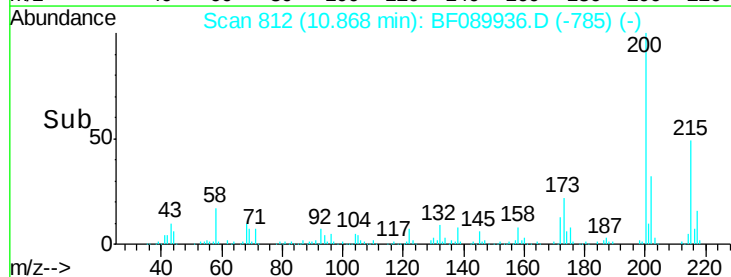
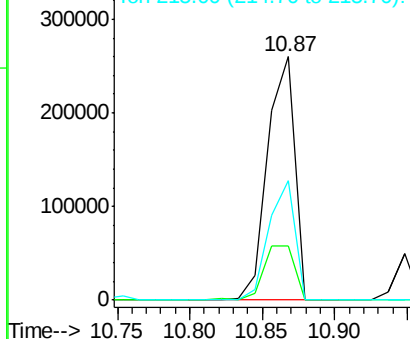
Lab File: BF089936.D

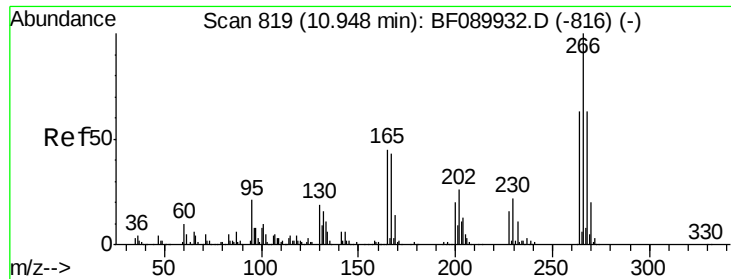
Acq: 31 Aug 2016 5:57

Tgt Ion:	200	Resp:	336982
Ion Ratio	Lower	Upper	
200	100		
173	22.4	9.4	49.4
215	49.1	24.5	64.5



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





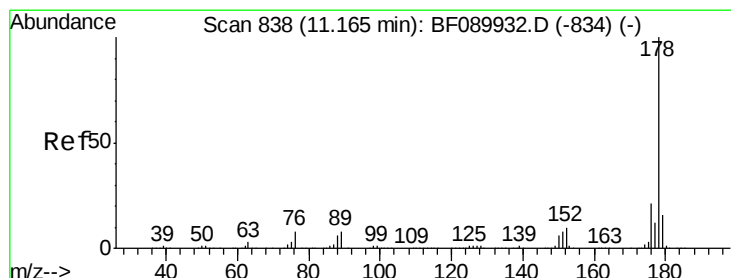
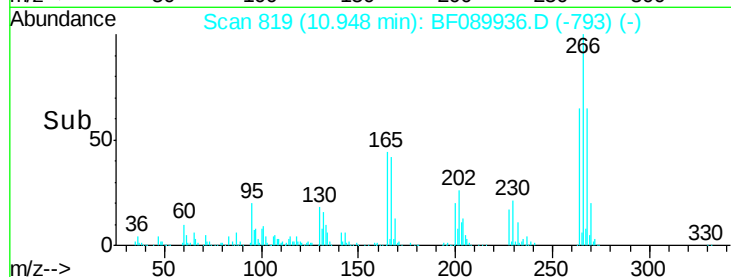
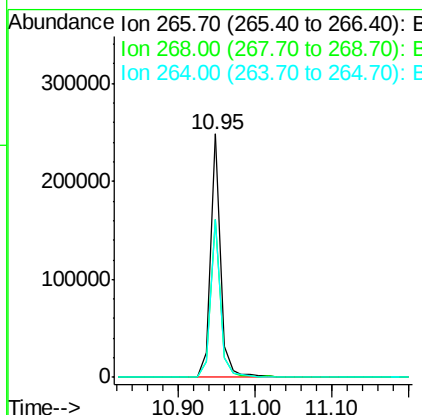
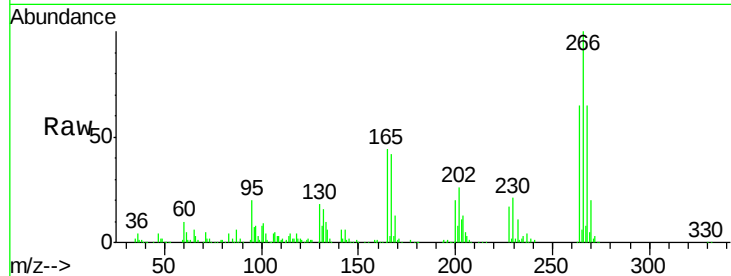
#69
 Pentachlorophenol
 Concen: 44.24 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.0	76.6
264	64.7	50.6	75.8

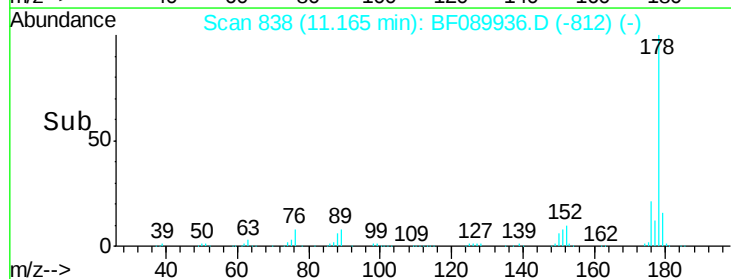
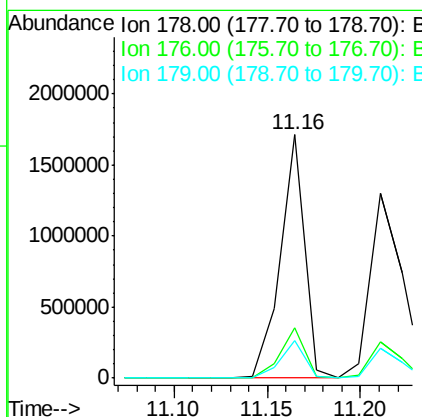
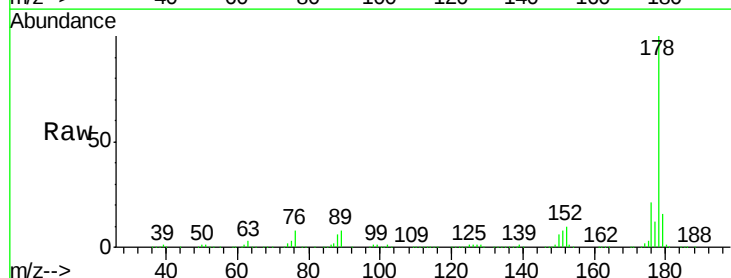
Manual Integrations
 APPROVED

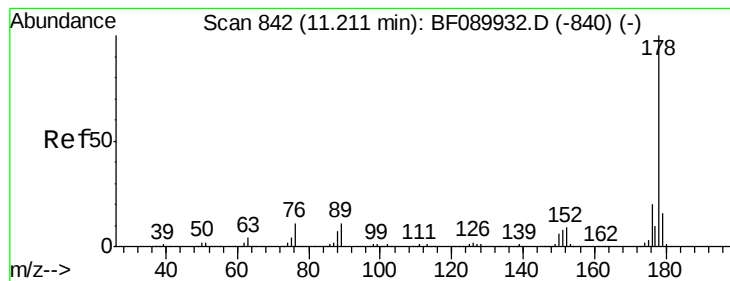
SOHIL
 9/1/2016 11:52:17 AM



#70
 Phenanthrene
 Concen: 38.19 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.5	24.7
179	15.6	12.8	19.2





#71

Anthracene

Concen: 36.14 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

ClientSampleId :

ICVBF083116

Tgt Ion:178 Resp: 1497573

Ion Ratio Lower Upper

178 100

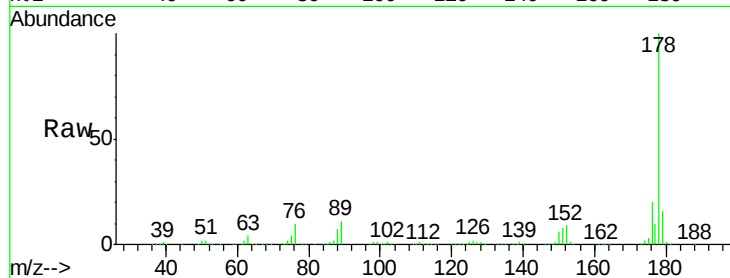
176 19.6 15.8 23.8

179 16.2 13.0 19.4

Manual Integrations
APPROVED

SOHIL

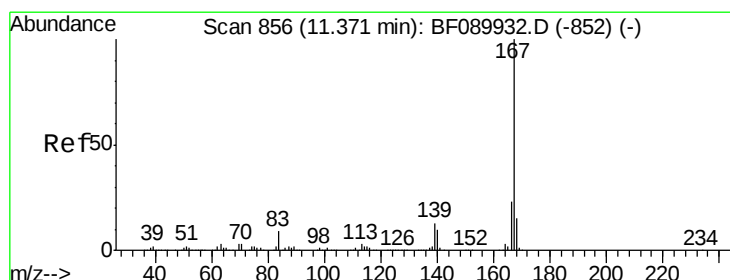
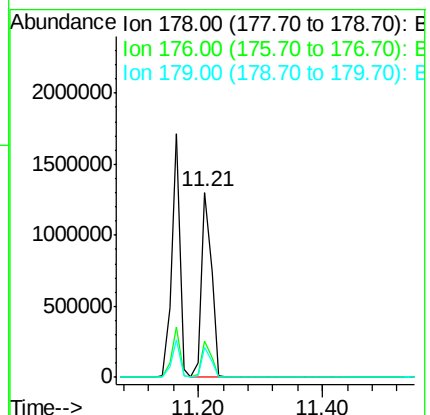
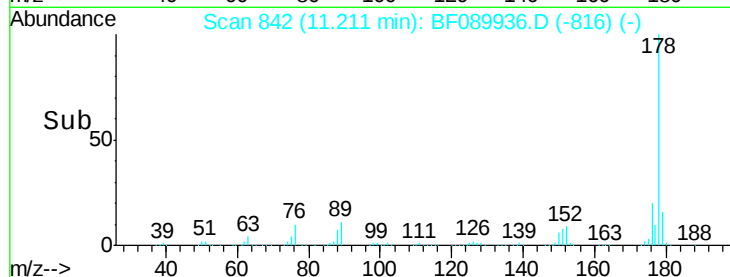
9/1/2016 11:52:17 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.74 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

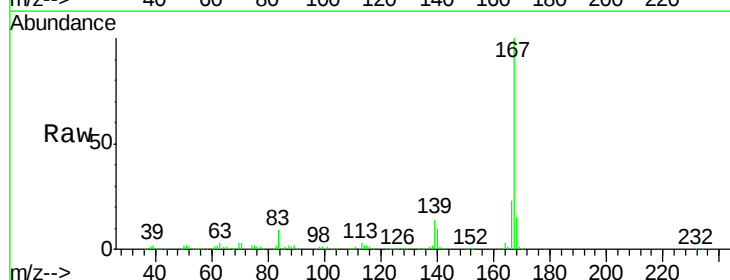
Tgt Ion:167 Resp: 1427552

Ion Ratio Lower Upper

167 100

166 22.8 18.1 27.1

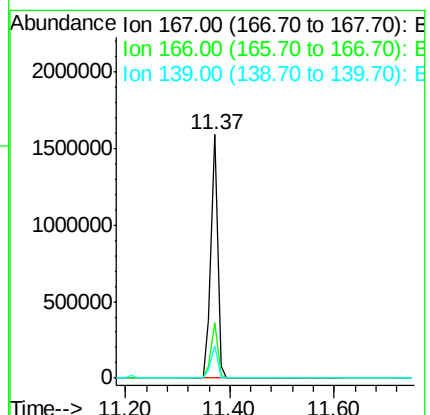
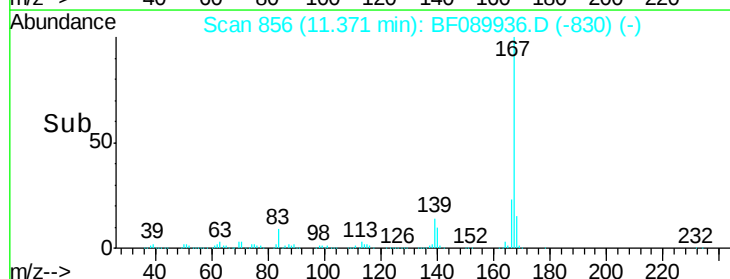
139 13.6 10.4 15.6

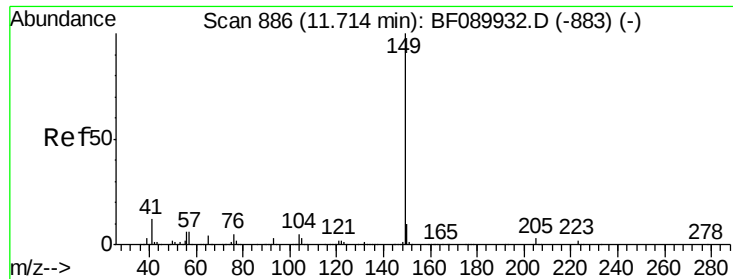


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.87 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

ClientSampleId :

ICVBF083116

Tgt Ion:149 Resp: 1805498

Ion Ratio Lower Upper

149 100

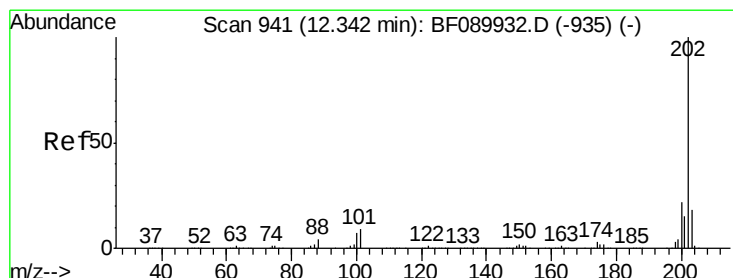
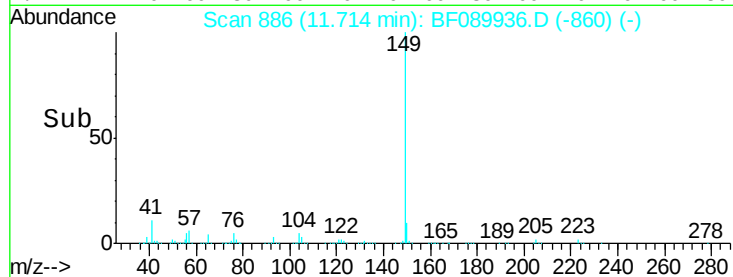
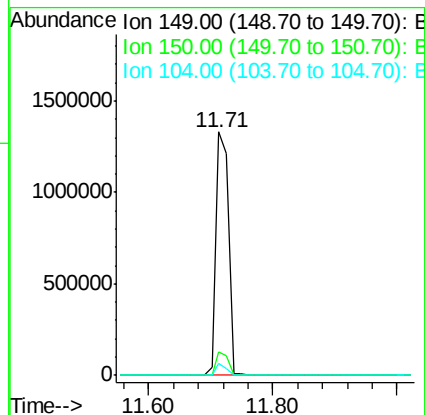
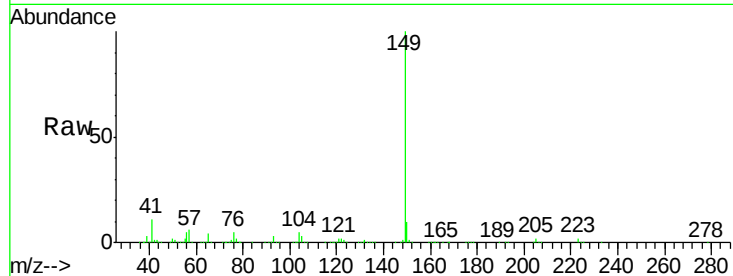
150 9.8 7.8 11.8

104 5.0 3.9 5.9

Manual Integrations
APPROVED

SOHIL

9/1/2016 11:52:17 AM



#74

Fluoranthene

Concen: 41.03 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

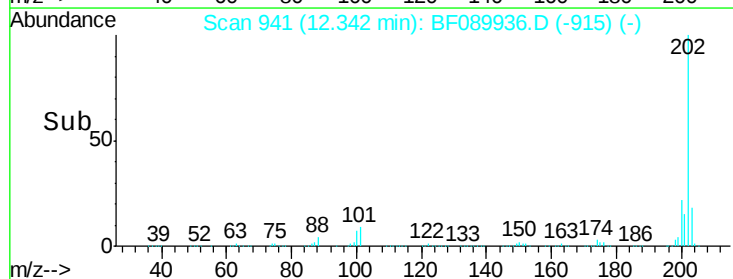
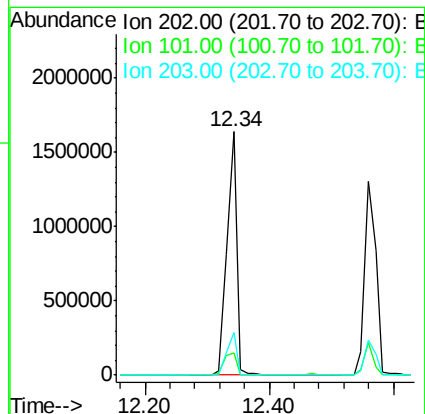
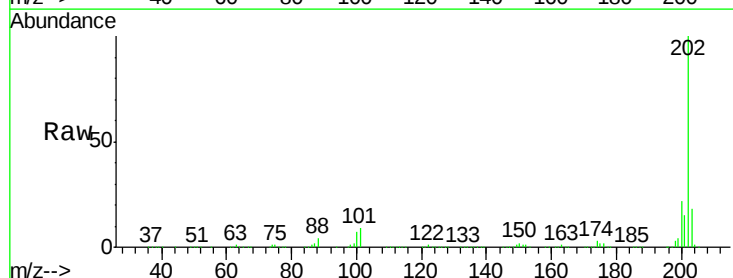
Tgt Ion:202 Resp: 1757054

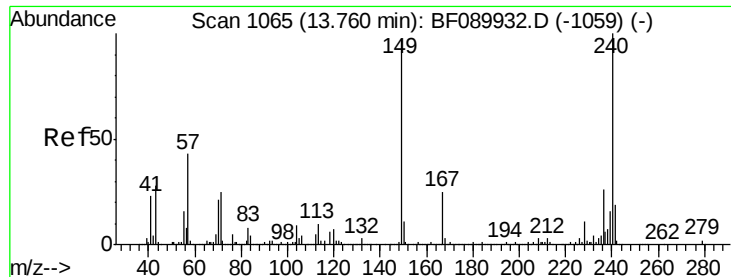
Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.5

203 17.7 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

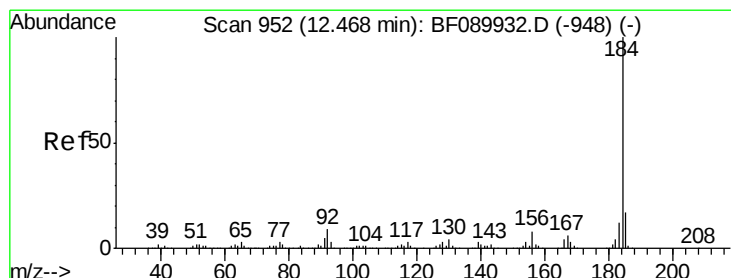
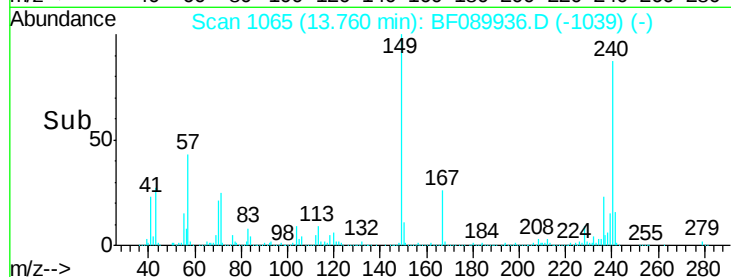
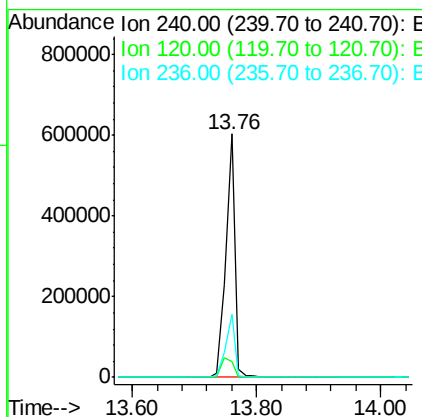
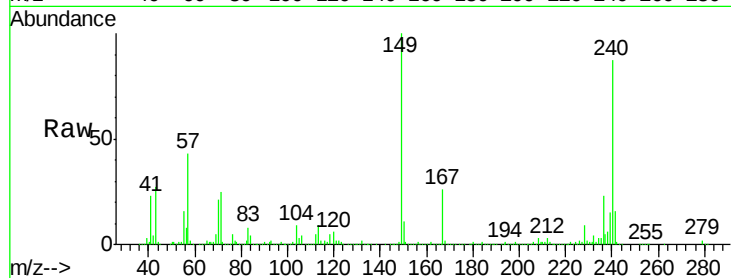
ClientSampleId :

ICVBF083116

Tgt Ion:240 Resp: 605023
 Ion Ratio Lower Upper
 240 100
 120 6.7 5.7 8.5
 236 26.1 21.3 31.9

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:17 AM



#76

Benzidine

Concen: 41.08 ng

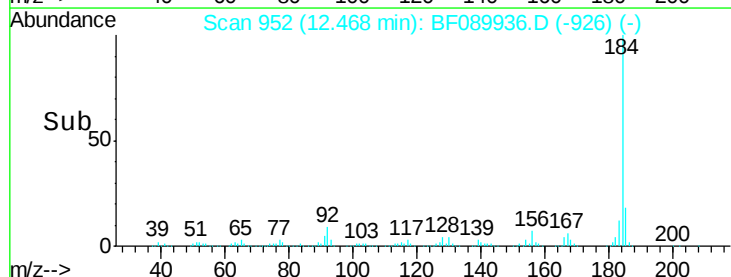
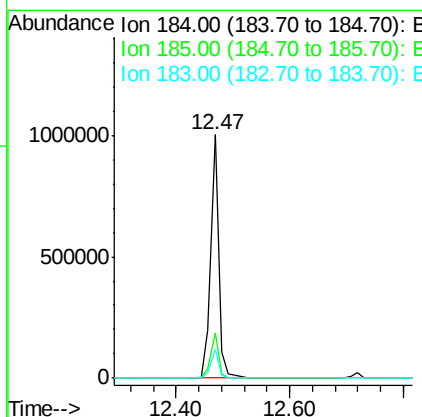
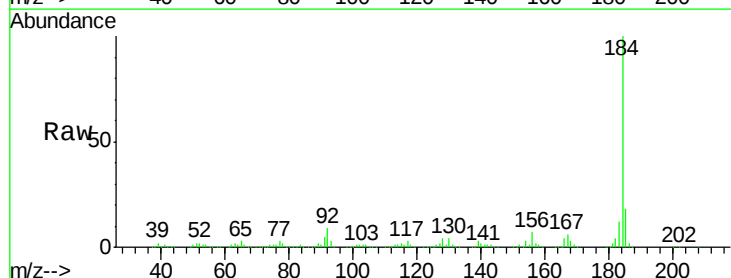
RT: 12.47 min Scan# 952

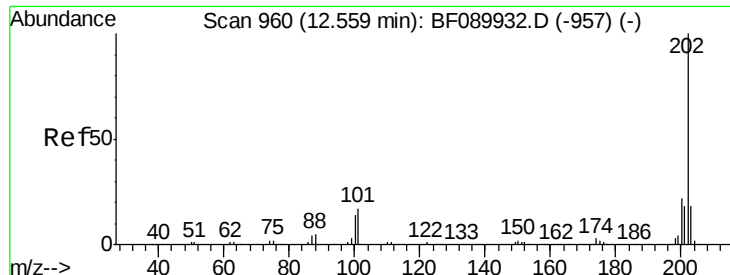
Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion:184 Resp: 941481
 Ion Ratio Lower Upper
 184 100
 185 18.5 13.8 20.8
 183 11.9 9.6 14.4





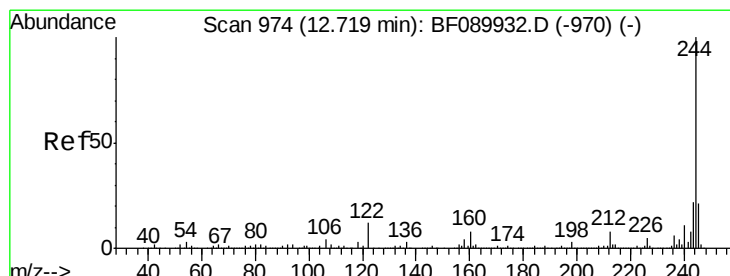
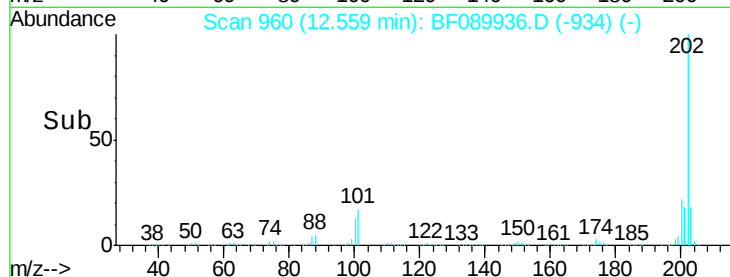
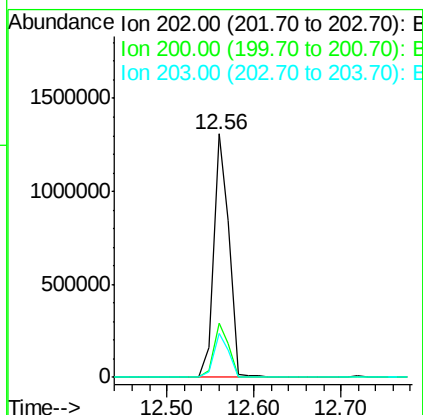
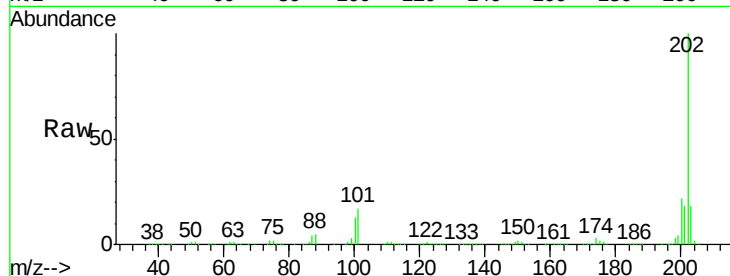
#77
 Pyrene
 Concen: 37.91 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.1	14.6	21.8

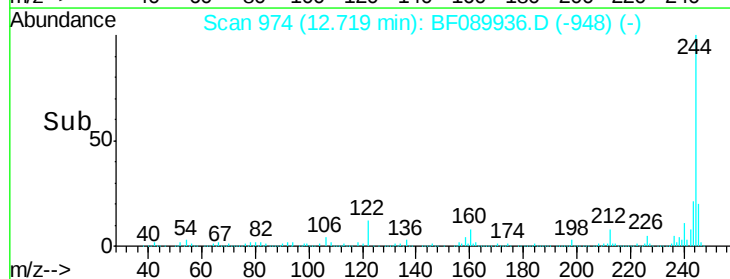
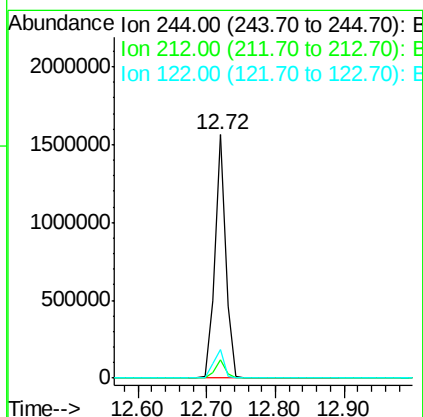
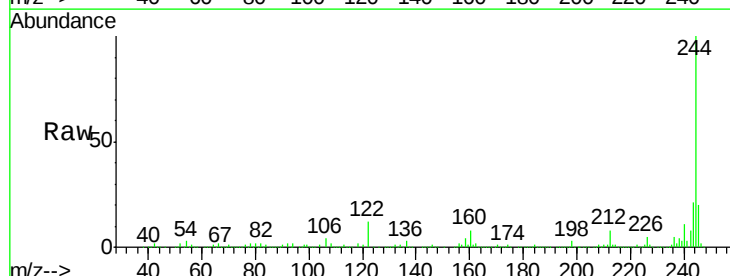
Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:17 AM



#78
 Terphenyl-d14
 Concen: 72.30 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.0	9.6	14.4





#79

Butylbenzylphthalate

Concen: 40.78 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

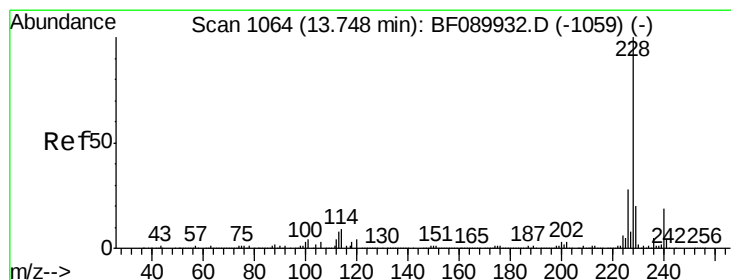
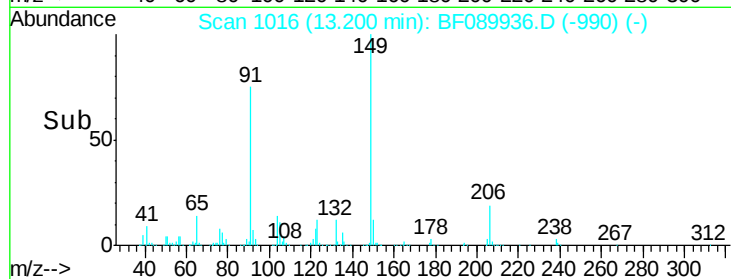
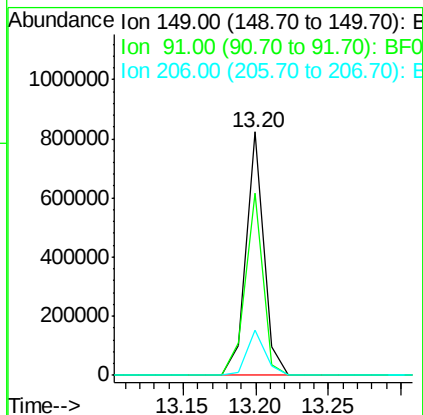
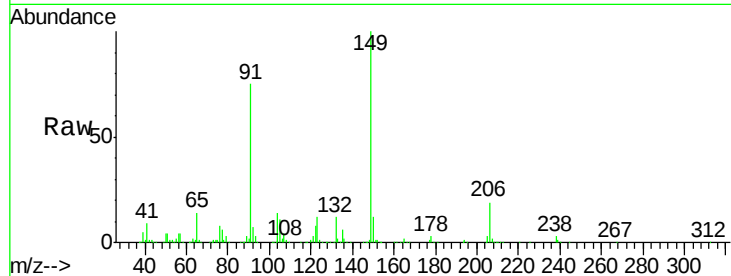
ClientSampleId :

ICVBF083116

Tgt Ion:	149	Resp:	701504
Ion Ratio	Lower	Upper	
149	100		
91	74.9	60.0	90.0
206	18.6	15.1	22.7

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#80

Benzo(a)anthracene

Concen: 39.25 ng

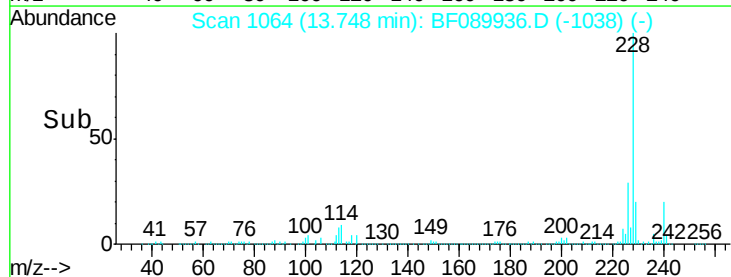
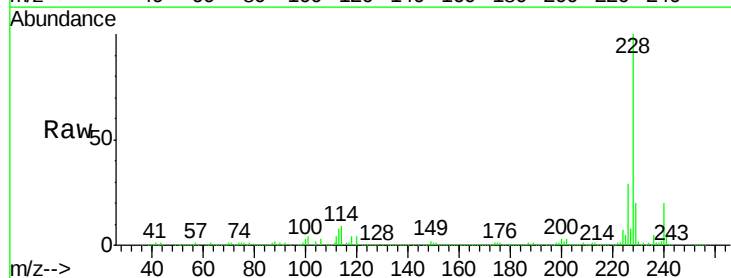
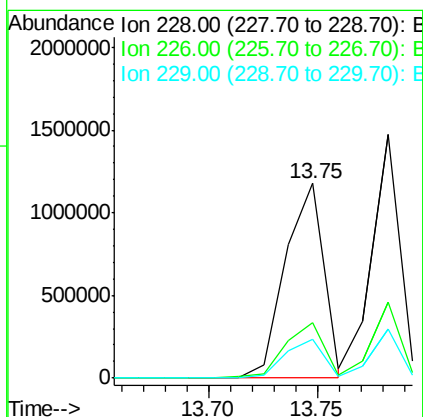
RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Tgt Ion:	228	Resp:	1454373
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.2	33.2
229	20.2	15.8	23.6





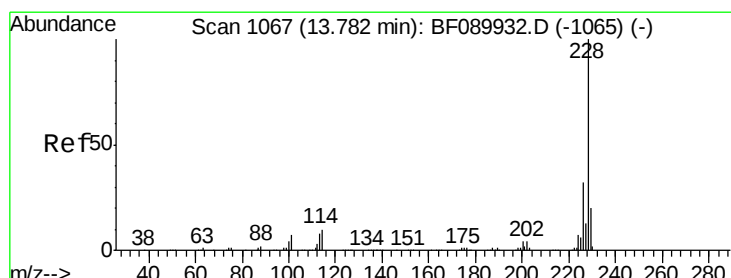
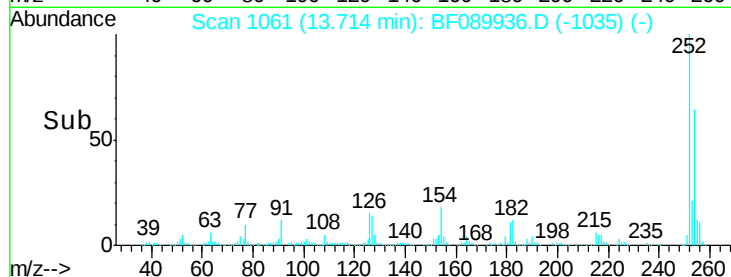
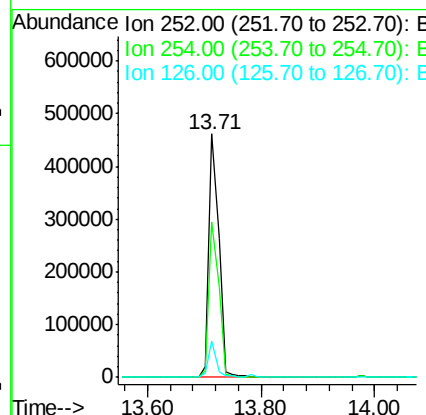
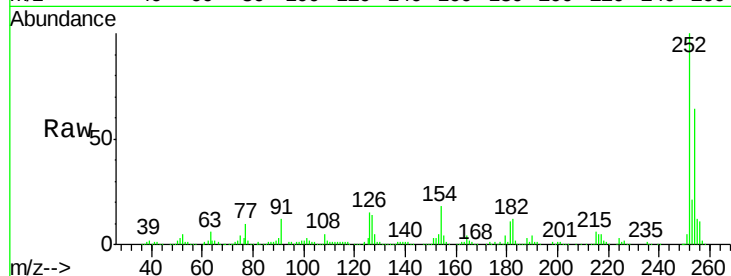
#81
 3,3'-Dichlorobenzidine
 Concen: 39.88 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	533407		
254	64.0	51.3	76.9	
126	15.2	12.3	18.5	

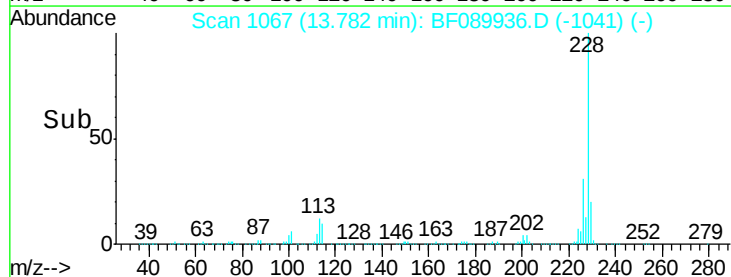
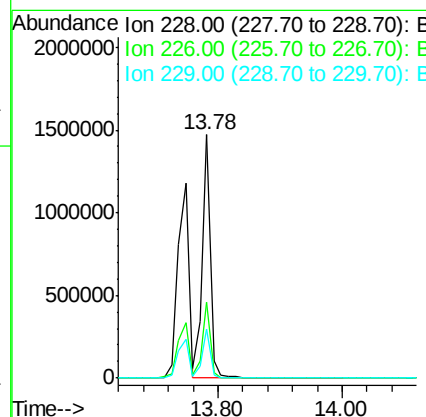
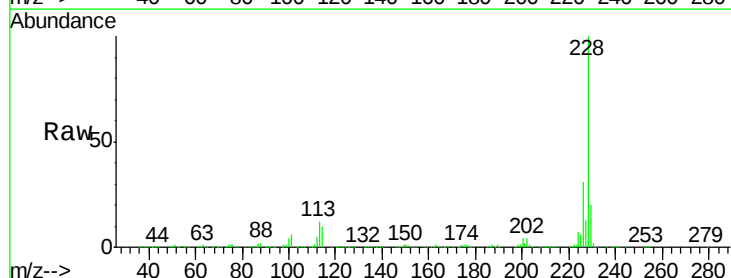
Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:17 AM



#82
 Chrysene
 Concen: 39.17 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1355749		
226	31.3	25.2	37.8	
229	20.3	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.69 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF089936.D

Acq: 31 Aug 2016 5:57

Instrument :

BNA_F

ClientSampleId :

ICVBF083116

Tgt Ion:149 Resp: 968247
Ion Ratio Lower Upper

149 100

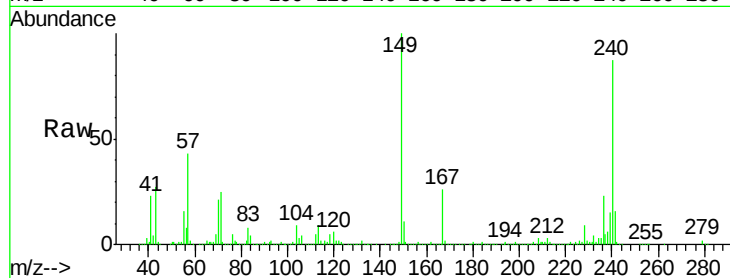
167 26.2 23.6 35.4

279 1.8 3.4 5.2#

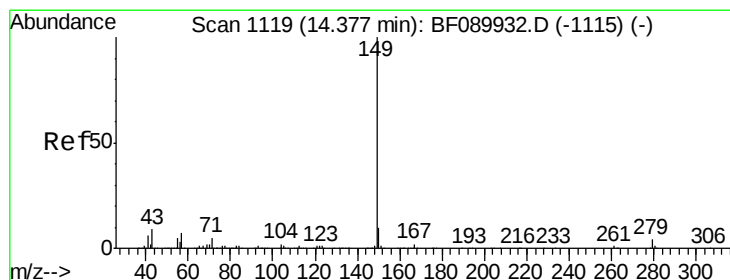
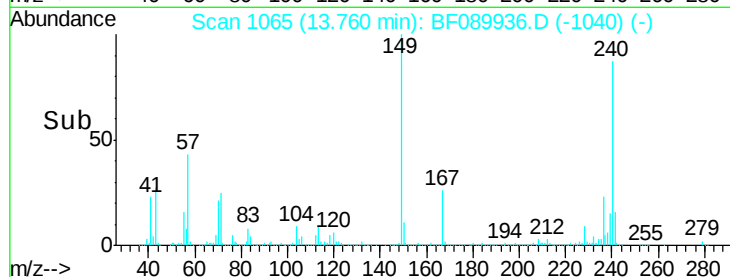
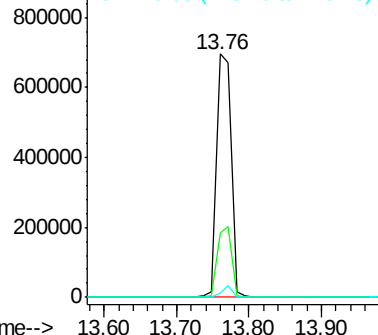
Manual Integrations
APPROVED

SOHIL

9/1/2016 11:52:17 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.81 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089936.D

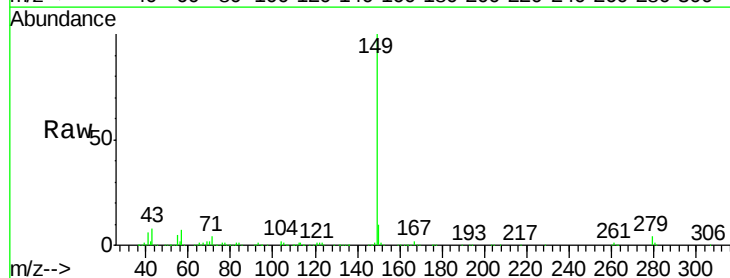
Acq: 31 Aug 2016 5:57

Tgt Ion:149 Resp: 1759203
Ion Ratio Lower Upper

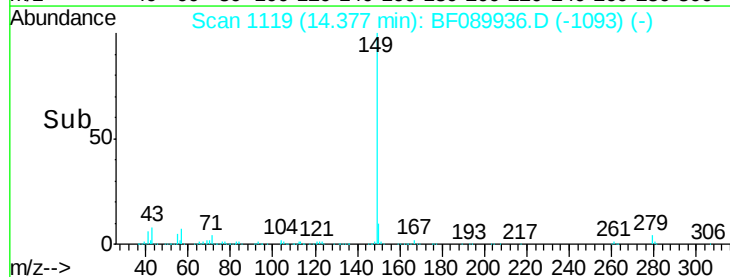
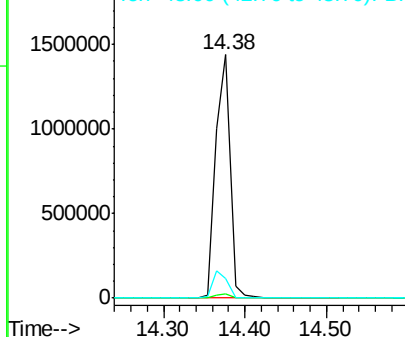
149 100

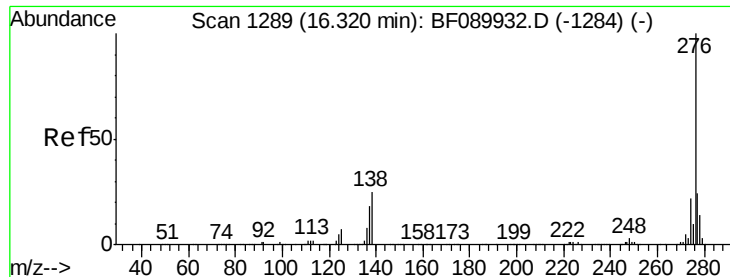
167 1.5 1.2 1.8

43 11.6 9.3 13.9



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





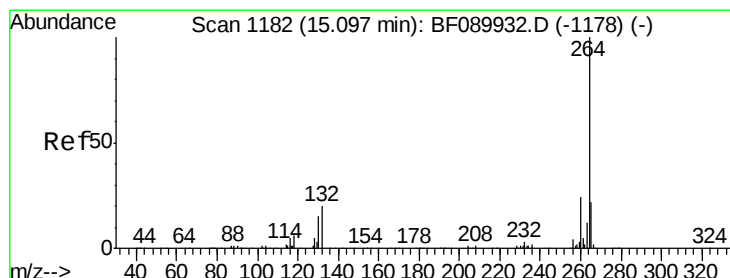
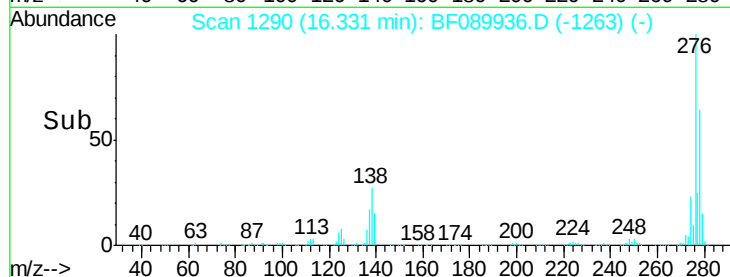
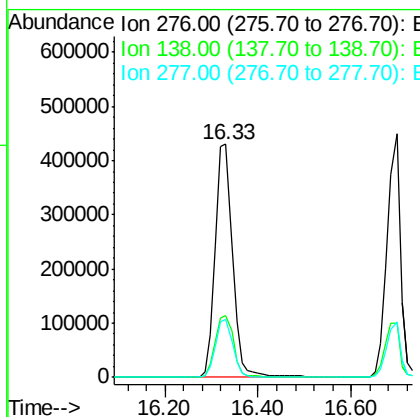
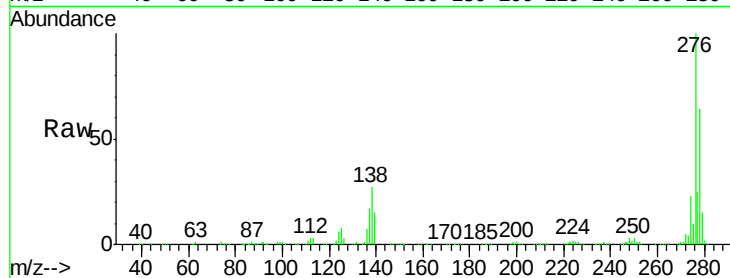
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.50 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.6	34.0
277	24.9	20.1	30.1

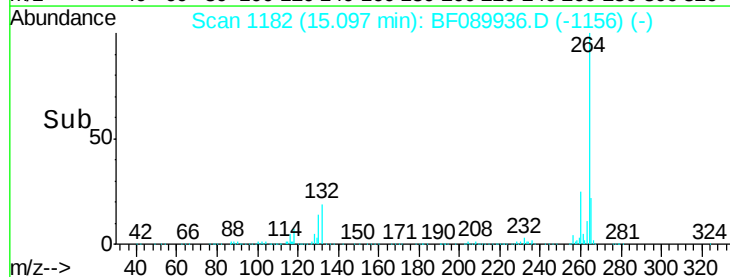
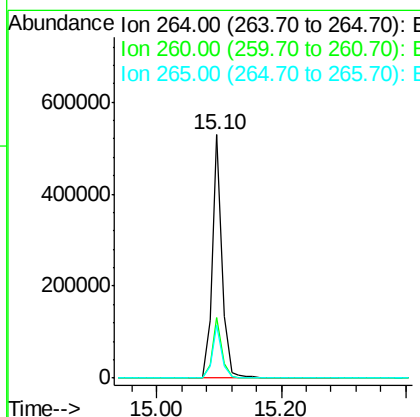
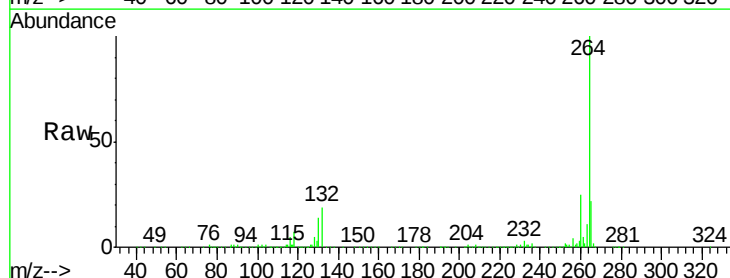
Manual Integrations
 APPROVED

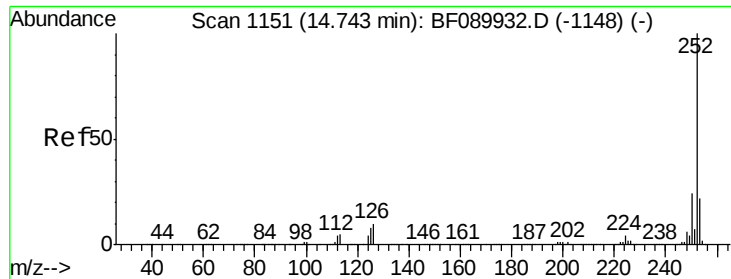
SOHIL
 9/1/2016 11:52:17 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.0
265	21.8	17.4	26.2





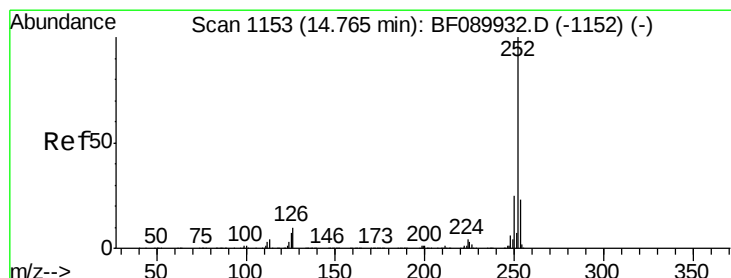
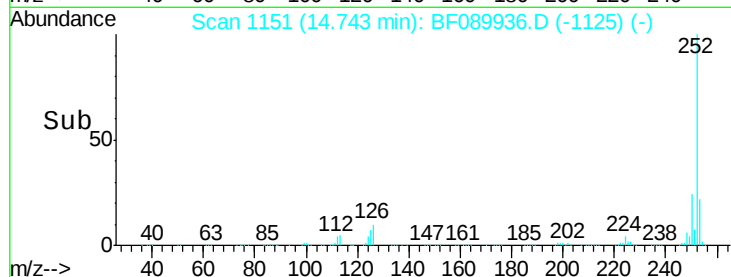
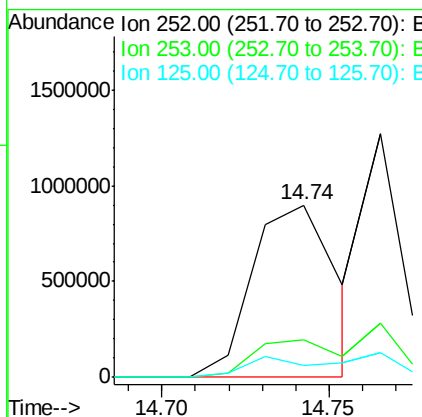
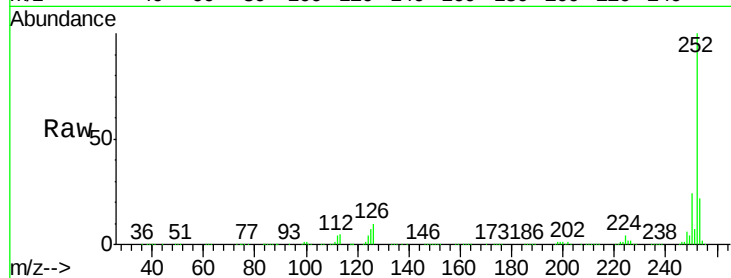
#87
Benzo(b)fluoranthene
Concen: 44.33 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	7.1	5.7	8.5

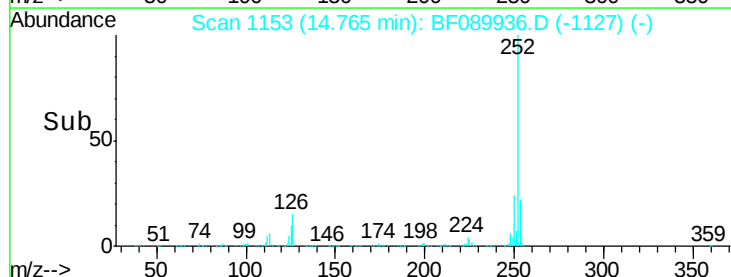
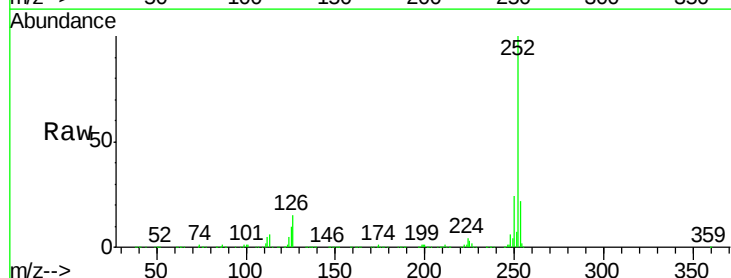
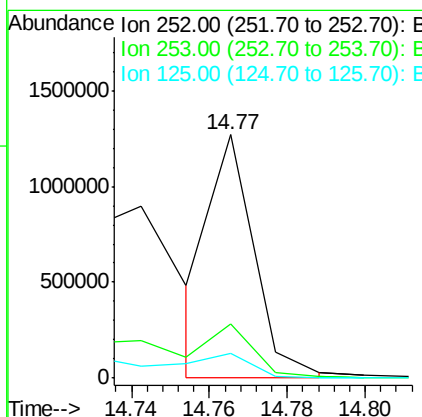
Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



#88
Benzo(k)fluoranthene
Concen: 32.61 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.3	7.3	10.9





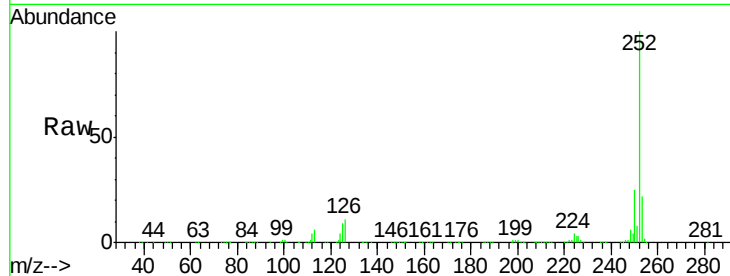
#89
Benzo(a)pyrene
Concen: 40.46 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

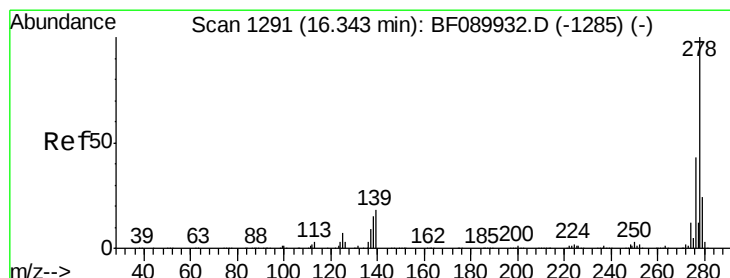
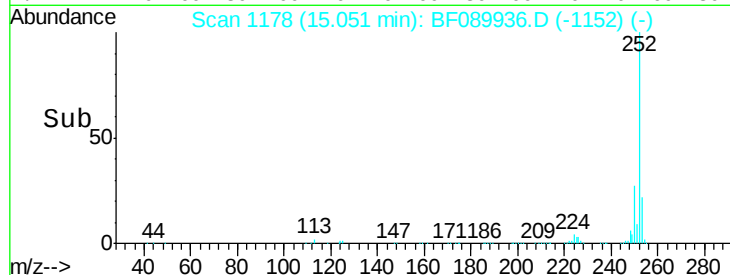
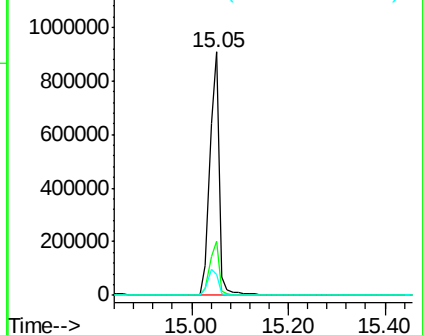
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.7	6.3	9.5

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:17 AM



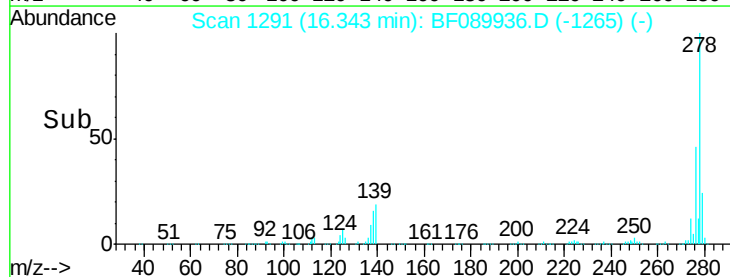
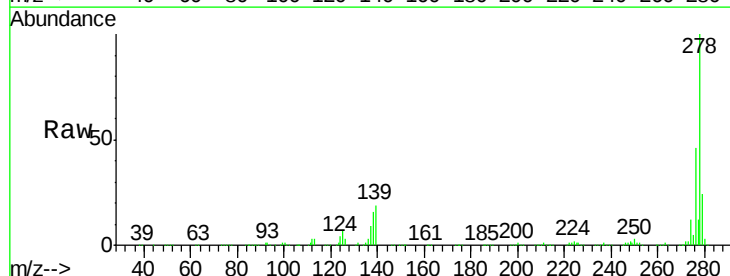
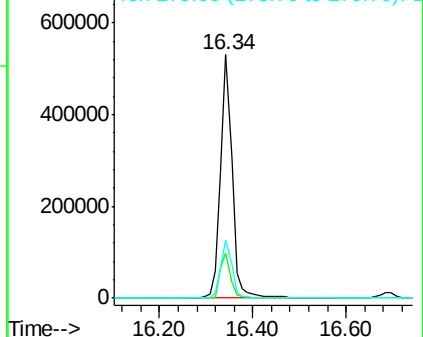
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

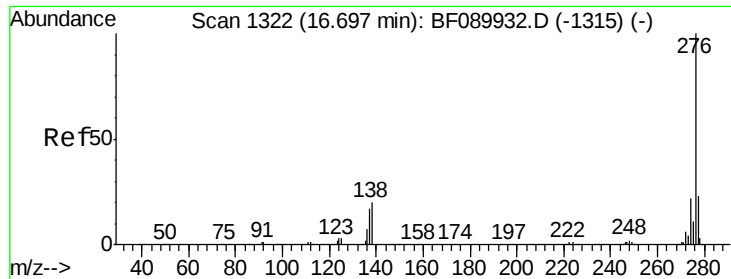


#90
Dibenzo(a,h)anthracene
Concen: 40.59 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF089936.D
Acq: 31 Aug 2016 5:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.4	20.2
279	24.0	19.4	29.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 39.91 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089936.D
 Acq: 31 Aug 2016 5:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083116

Tgt Ion:	276	Resp:	894329
Ion Ratio		Lower	Upper
276	100		
277	23.0	19.0	28.4
138	22.2	16.4	24.6

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:17 AM

