

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088505.D
 Acq On : 29 Jun 2016 21:03
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations

sohil
 6/30/2016 7:46:35 PM

Quant Time: Jun 30 01:29:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 01:10:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	131466	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	533892	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	222300	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	347011	20.00	ng	0.00
75) Chrysene-d12	13.97	240	195790	20.00	ng	0.00
86) Perylene-d12	15.36	264	266396	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1092303	139.23	ng	0.00
7) Phenol-d6	6.47	99	1539575	159.94	ng	0.01
23) Nitrobenzene-d5	7.39	82	1431832	154.13	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	256685	114.52	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1715348	102.24	ng	0.00
78) Terphenyl-d14	12.93	244	1270344	142.85	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	324807	84.73	ng	# 29
3) Pyridine	3.11	79	952528	102.60	ng	99
4) n-Nitrosodimethylamine	3.07	42	381120	97.34	ng	97
6) Aniline	6.49	93	1147954	83.61	ng	99
8) 2-Chlorophenol	6.62	128	693462	75.92	ng	90
9) Benzaldehyde	6.36	77	337724	56.50	ng	96
10) Phenol	6.48	94	947983	79.45	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	718716	85.60	ng	95
12) 1,3-Dichlorobenzene	6.76	146	645056	65.71	ng	94
13) 1,4-Dichlorobenzene	6.84	146	696787	69.89	ng	95
14) 1,2-Dichlorobenzene	7.00	146	644947m	72.58	ng	
15) Benzyl Alcohol	6.97	79	573814	75.96	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1039017	91.05	ng	94
17) 2-Methylphenol	7.08	107	556871	74.72	ng	98
18) Hexachloroethane	7.34	117	281928	79.95	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	509635	81.95	ng	99
20) 3+4-Methylphenols	7.24	107	590717	67.61	ng	95
22) Acetophenone	7.24	105	808318	67.31	ng	# 97
24) Nitrobenzene	7.42	77	816448	89.47	ng	95
25) Isophorone	7.66	82	1395759	80.27	ng	# 94
26) 2-Nitrophenol	7.72	139	269660	59.17	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	586518	67.61	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	925831	86.78	ng	98
29) 2,4-Dichlorophenol	7.96	162	502258	68.47	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	549300	68.78	ng	97
31) Naphthalene	8.14	128	1831726	68.52	ng	98
32) Benzoic acid	7.90	122	240183	55.06	ng	96
33) 4-Chloroaniline	8.18	127	746139	63.61	ng	# 90
34) Hexachlorobutadiene	8.25	225	281774	67.91	ng	99
35) Caprolactam	8.57	113	155326	65.88	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	506137	64.08	ng	# 84
37) 2-Methylnaphthalene	8.82	142	1005908	57.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	470569	72.35	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	282850	78.48	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088505.D
 Acq On : 29 Jun 2016 21:03
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations

sohil
 6/30/2016 7:46:35 PM

Quant Time: Jun 30 01:29:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 01:10:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	332599	74.80	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	307173	66.30	nq #	92
45) 1,1'-Biphenyl	9.29	154	1274451	70.15	nq	95
46) 2-Chloronaphthalene	9.31	162	1053882	72.87	nq	97
47) 2-Nitroaniline	9.40	65	380956	91.27	nq #	85
48) Acenaphthylene	9.72	152	1535397	66.26	nq	97
49) Dimethylphthalate	9.60	163	1184245	72.71	nq	98
50) 2,6-Dinitrotoluene	9.64	165	231451	61.49	nq #	76
51) Acenaphthene	9.90	154	891408	62.26	nq	100
52) 3-Nitroaniline	9.82	138	296802	71.67	nq	90
53) 2,4-Dinitrophenol	9.91	184	61138	52.29	nq #	25
54) Dibenzofuran	10.07	168	1362080	68.95	nq #	90
55) 4-Nitrophenol	9.96	139	186214	59.41	nq	92
56) 2,4-Dinitrotoluene	10.04	165	272631	56.69	nq #	64
57) Fluorene	10.41	166	966945	62.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	233767m	65.47	nq	
59) Diethylphthalate	10.28	149	1094303	66.47	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	377192	57.39	nq	94
61) 4-Nitroaniline	10.42	138	214338	54.58	nq	82
62) Azobenzene	10.56	77	1287378	77.24	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	111905	66.86	nq #	56
65) n-Nitrosodiphenylamine	10.52	169	935698	81.89	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	262018	70.71	nq #	86
67) Hexachlorobenzene	10.95	284	280192	72.81	nq	94
68) Atrazine	11.05	200	274088	79.86	nq	96
69) Pentachlorophenol	11.14	266	158123	80.41	nq	95
70) Phenanthrene	11.36	178	1171259	63.80	nq	99
71) Anthracene	11.42	178	1427326	77.71	nq	98
72) Carbazole	11.57	167	1091679	62.93	nq	99
73) Di-n-butylphthalate	11.91	149	1408888	65.01	nq	99
74) Fluoranthene	12.54	202	1161458	62.10	nq	99
76) Benzidine	12.66	184	443983	79.08	nq	99
77) Pyrene	12.77	202	1085364	72.31	nq	100
79) Butylbenzylphthalate	13.39	149	493641	74.77	nq	100
80) Benzo(a)anthracene	13.95	228	925397	78.74	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	338856	105.81	nq #	96
82) Chrysene	13.99	228	841497	76.69	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	693845	83.29	nq	99
84) Di-n-octyl phthalate	14.57	149	1266695	94.05	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	1357863	128.55	nq #	100
87) Benzo(b)fluoranthene	14.97	252	1053782	58.00	nq #	95
88) Benzo(k)fluoranthene	15.01	252	990661m	70.02	nq	
89) Benzo(a)pyrene	15.31	252	1031046	69.08	nq	98
90) Dibenzo(a,h)anthracene	16.75	278	1077939	76.48	nq	97
91) Benzo(g,h,i)perylene	17.14	276	1177236	81.16	nq #	93

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

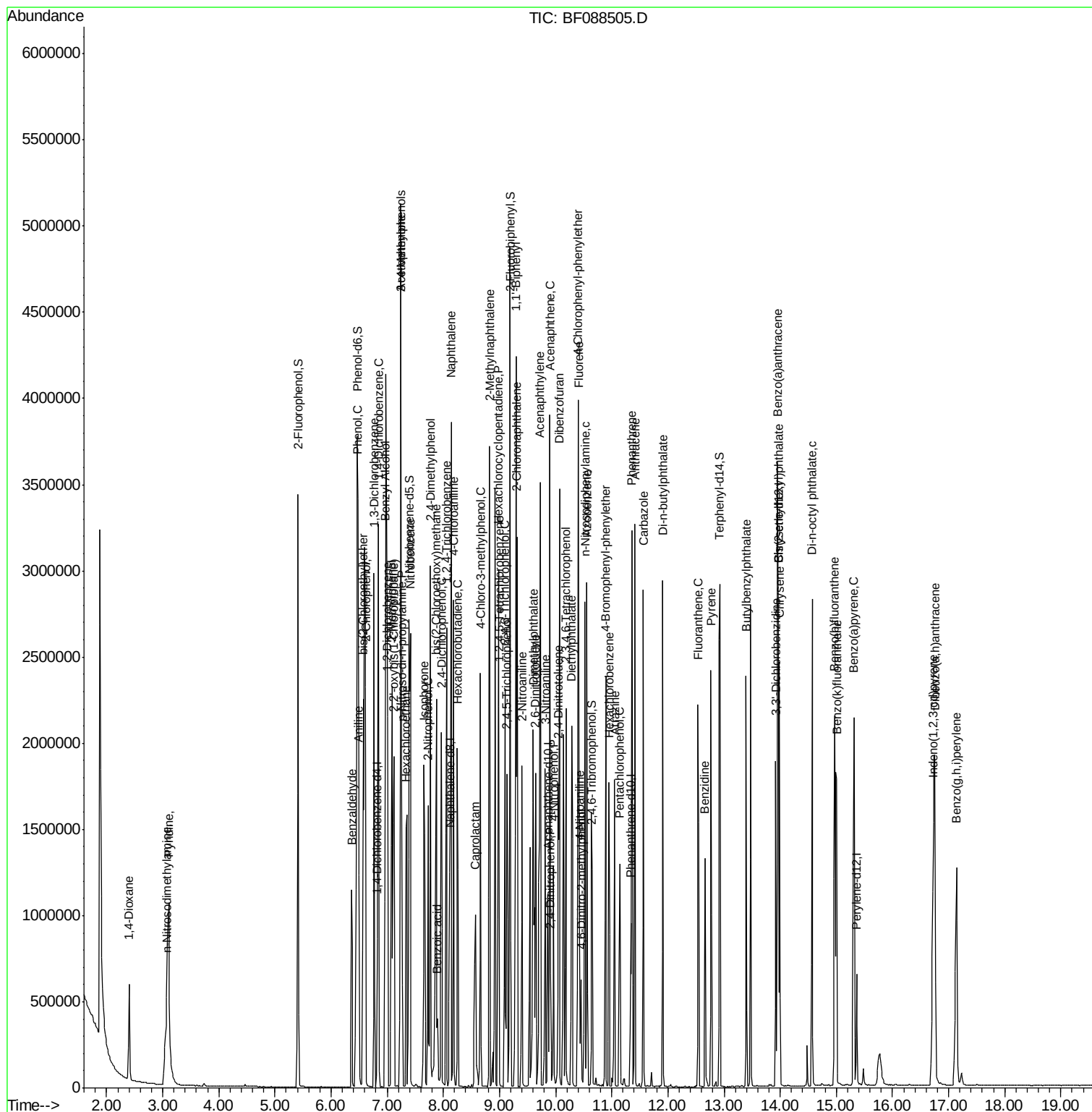
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088505.D
Acq On    : 29 Jun 2016   21:03
Operator  : UM/SJ
Sample    : SSTDICC080
Misc      :
ALS Vial  : 8      Sample Multiplier: 1
```

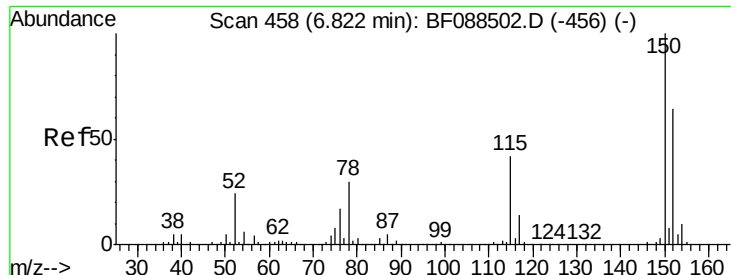
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations

sohil
6/30/2016 7:46:35 PM

Quant Time: Jun 30 01:29:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 01:10:02 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:152 Resp: 131466

Ion Ratio Lower Upper

152 100

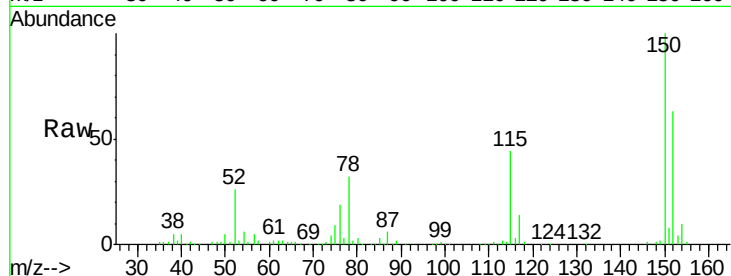
150 159.7 124.5 186.7

115 70.4 52.3 78.5

Manual Integrations

sohil

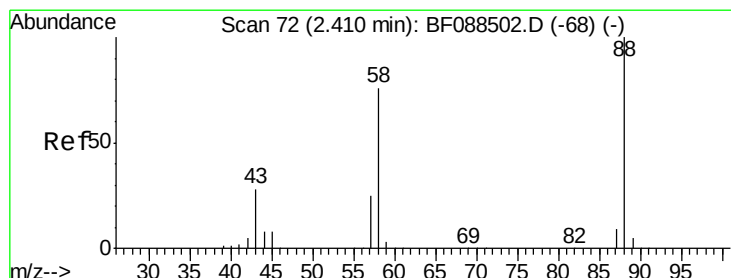
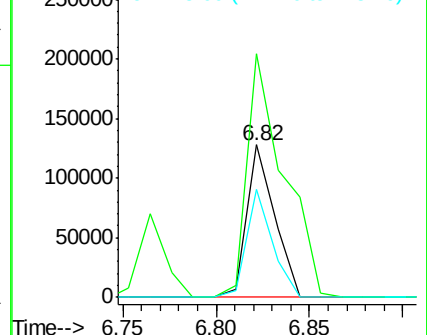
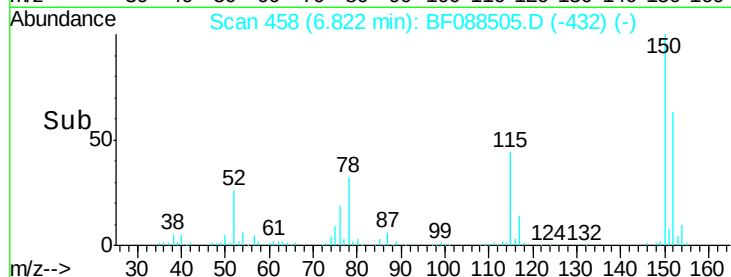
6/30/2016 7:46:35 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 84.73 ng

RT: 2.40 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

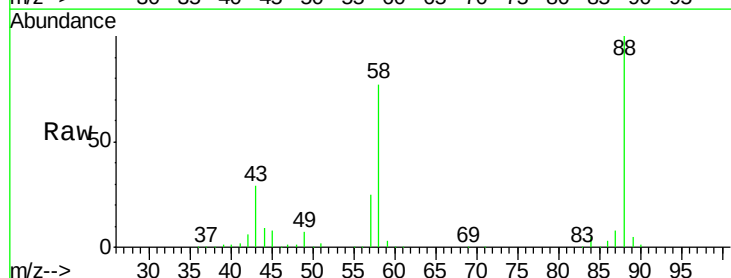
Tgt Ion: 88 Resp: 324807

Ion Ratio Lower Upper

88 100

58 74.6 0.0 0.0#

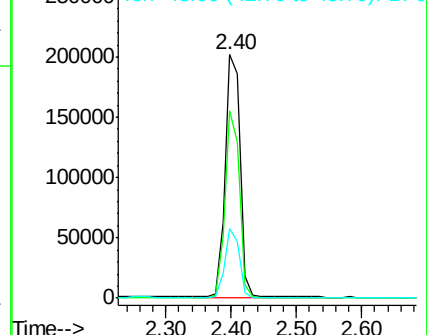
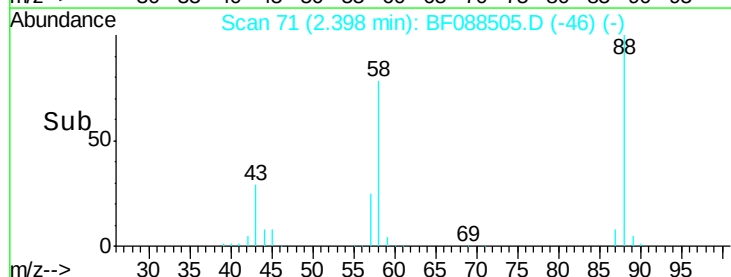
43 27.3 3.2 4.8#

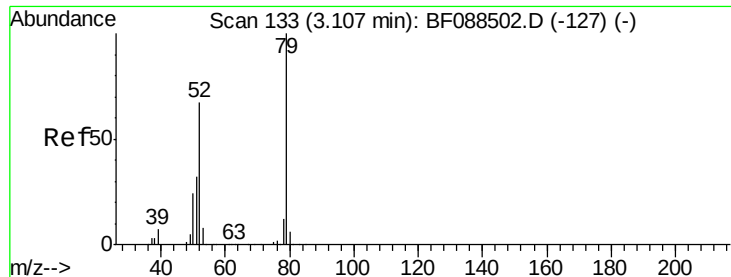


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 102.60 ng

RT: 3.11 min Scan# 133

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

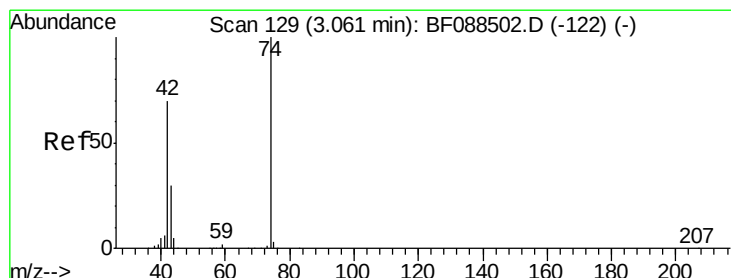
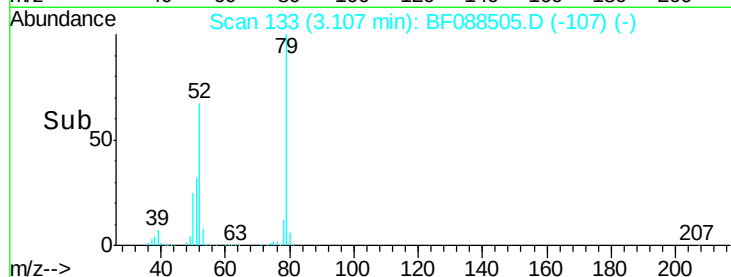
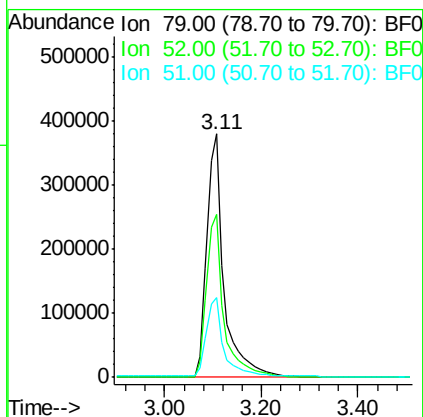
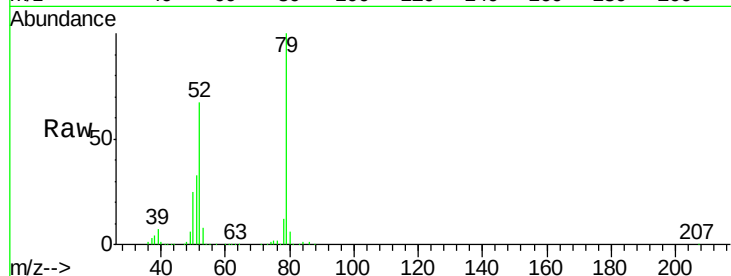
SSTDICC080

Tot Ion:	79	Resp:	952528
Ion	Ratio	Lower	Upper
79	100		
52	67.1	53.4	80.0
51	32.7	25.8	38.6

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#4

n-Nitrosodimethylamine

Concen: 97.34 ng

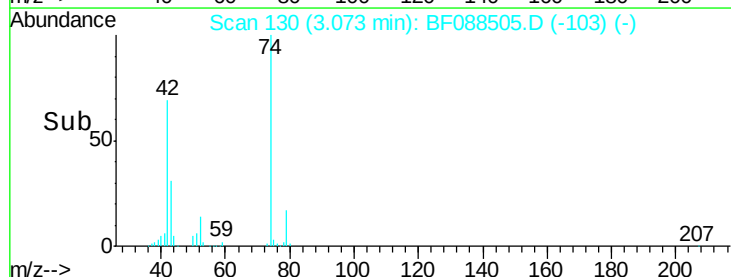
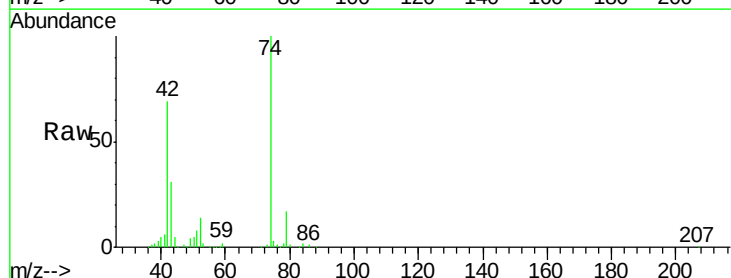
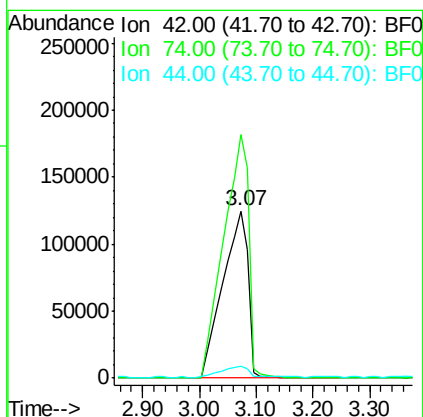
RT: 3.07 min Scan# 130

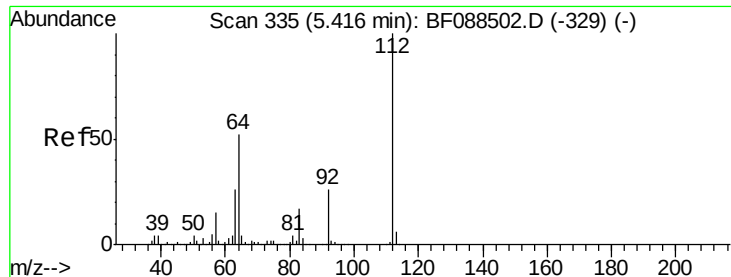
Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Tgt Ion:	42	Resp:	381120
Ion	Ratio	Lower	Upper
42	100		
74	145.7	113.7	170.5
44	7.5	6.4	9.6





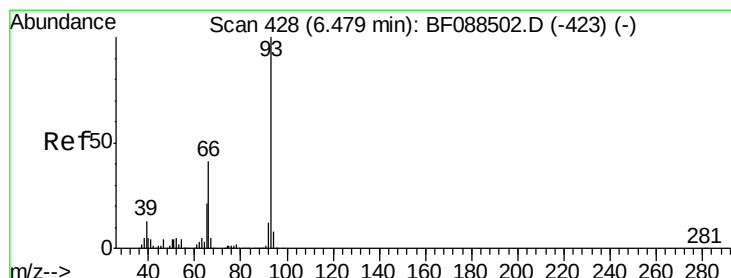
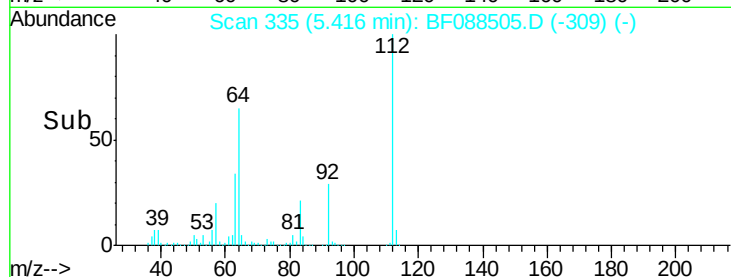
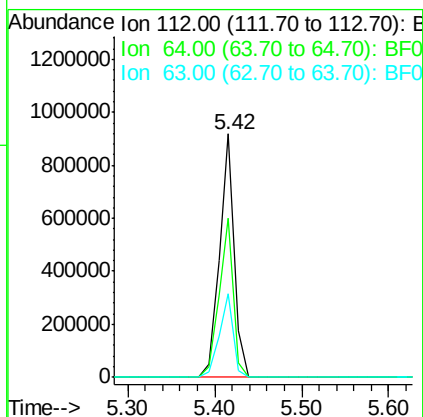
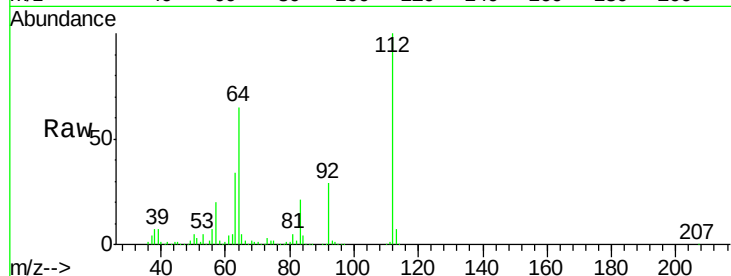
#5
2-Fluorophenol
Concen: 139.23 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.2	41.5	62.3#
63	34.2	20.6	31.0#

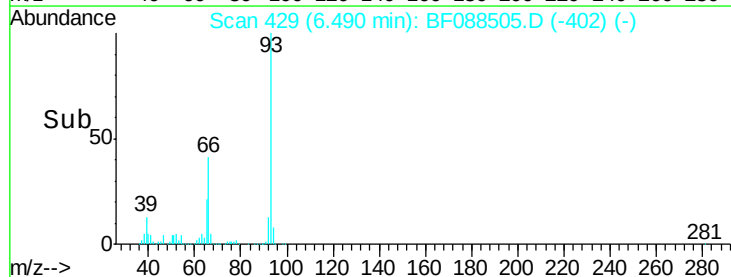
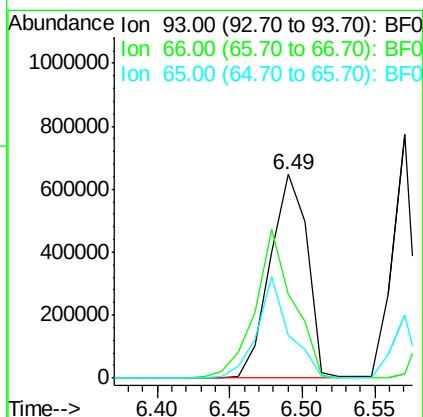
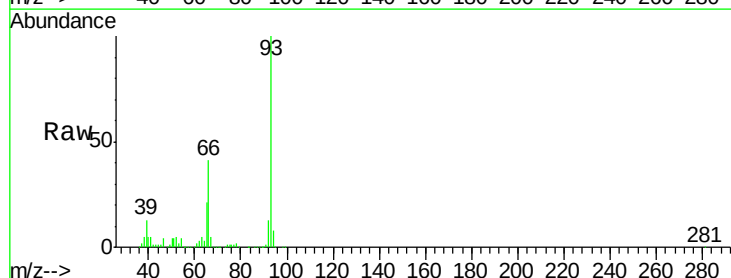
Manual Integrations

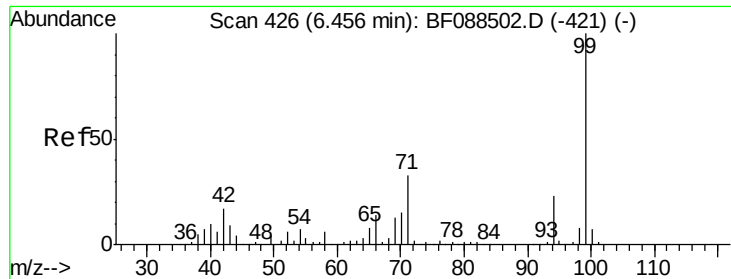
sohil
6/30/2016 7:46:35 PM



#6
Aniline
Concen: 83.61 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.9	33.0	49.6
65	20.8	16.5	24.7





#7

Phenol-d6

Concen: 159.94 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 1539575

Ion Ratio Lower Upper

99 100

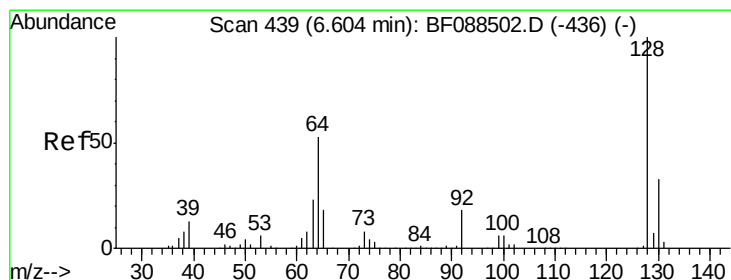
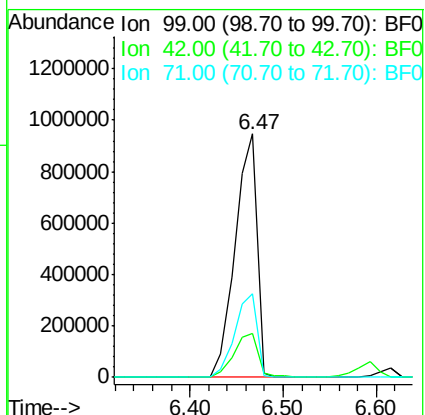
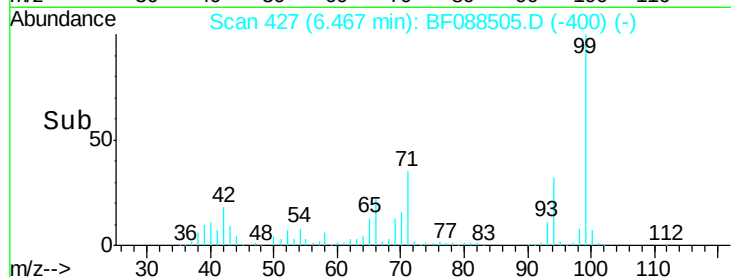
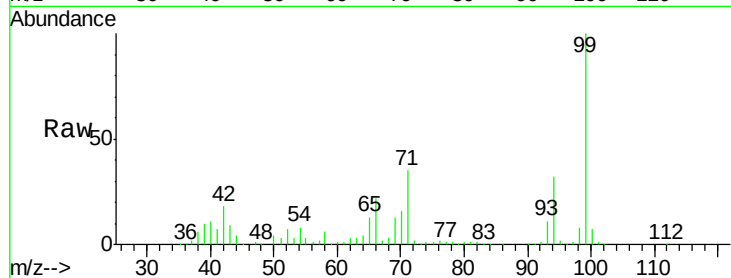
42 17.8 13.4 20.0

71 34.6 26.1 39.1

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#8

2-Chlorophenol

Concen: 75.92 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

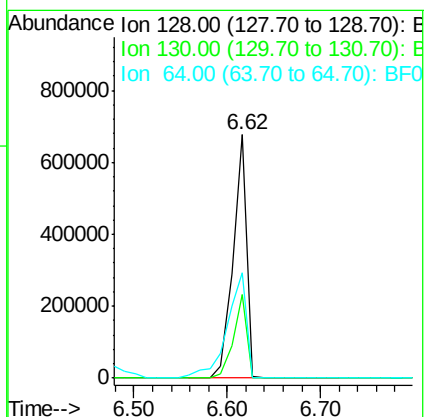
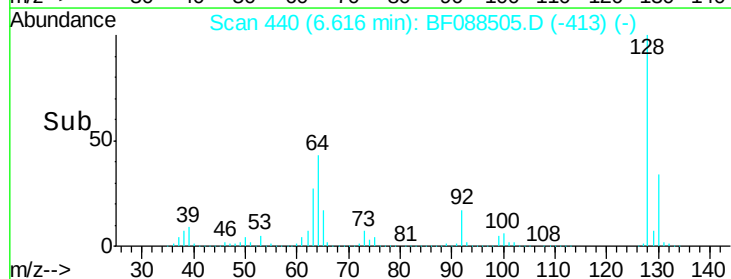
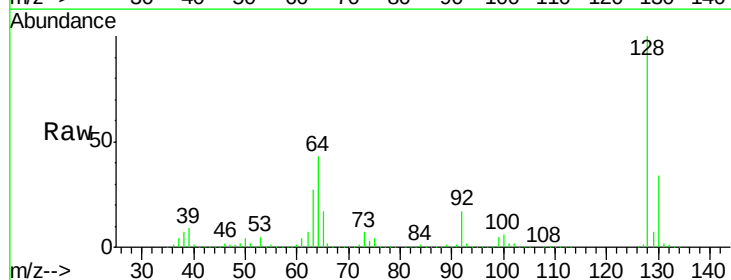
Tgt Ion: 128 Resp: 693462

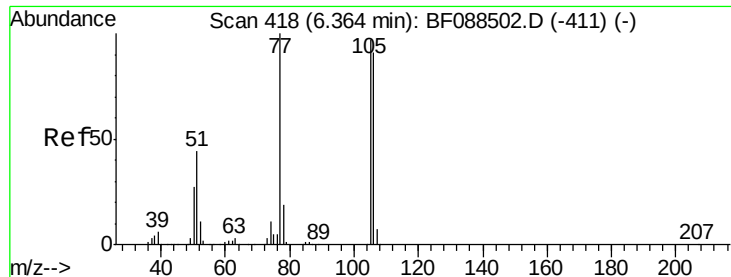
Ion Ratio Lower Upper

128 100

130 34.1 13.2 53.2

64 43.1 34.3 74.3





#9

Benzaldehyde

Concen: 56.50 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

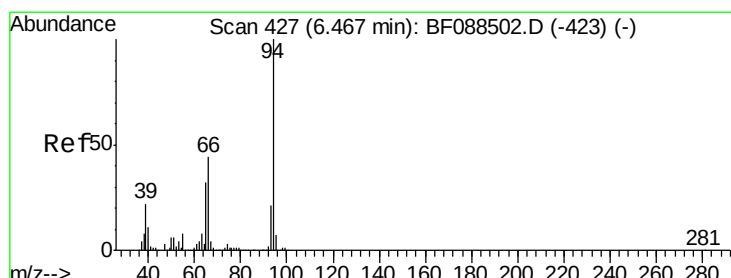
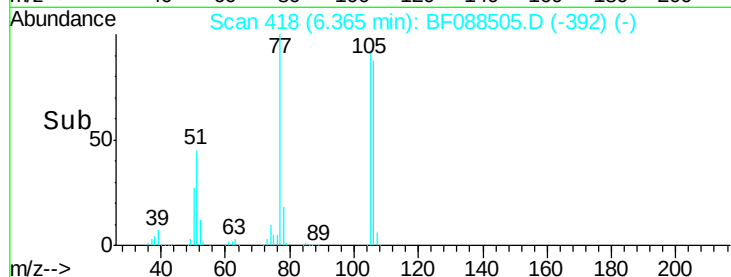
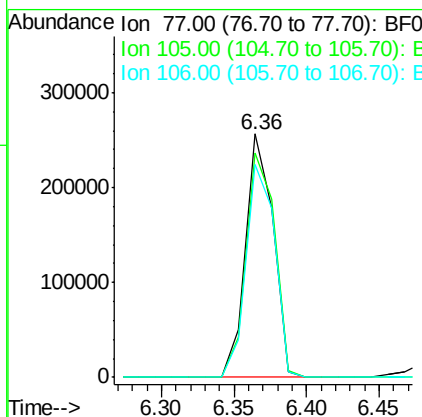
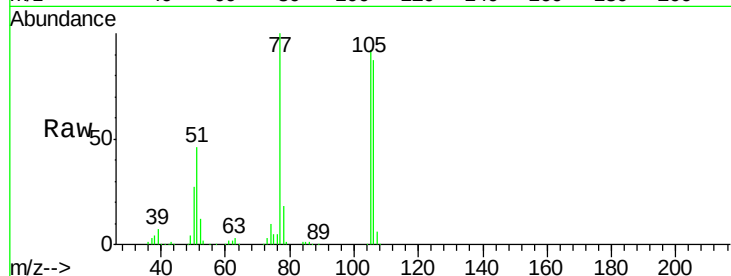
SSTDICC080

Tot Ion:	77	Resp:	337724
Ion	Ratio	Lower	Upper
77	100		
105	92.4	76.6	116.6
106	87.3	70.8	110.8

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#10

Phenol

Concen: 79.45 ng

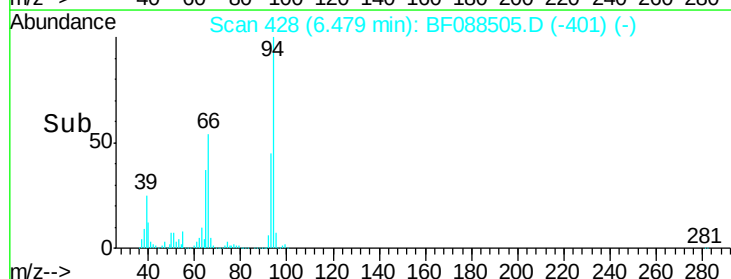
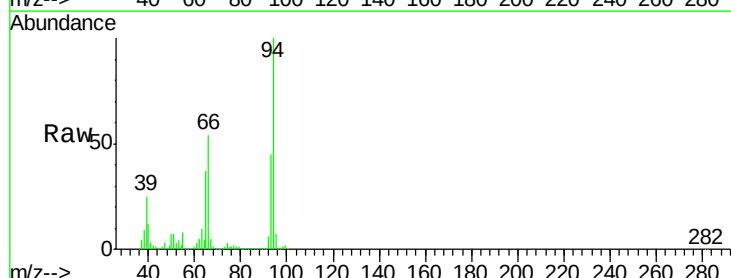
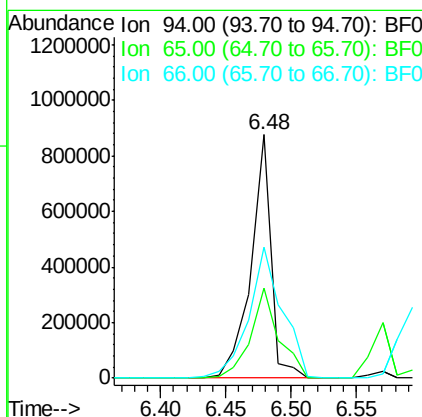
RT: 6.48 min Scan# 428

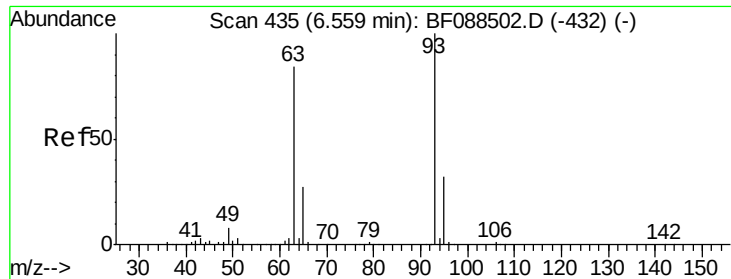
Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Tgt Ion:	94	Resp:	947983
Ion	Ratio	Lower	Upper
94	100		
65	36.8	11.6	51.6
66	53.8	23.8	63.8





#11

bis(2-Chloroethyl)ether

Concen: 85.60 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion: 93 Resp: 718716

Ion Ratio Lower Upper

93 100

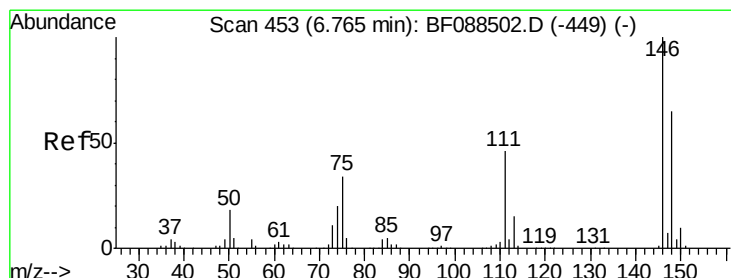
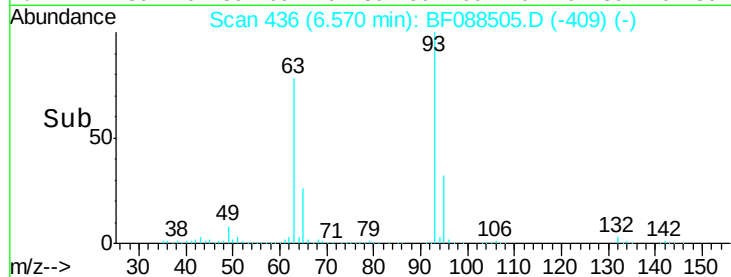
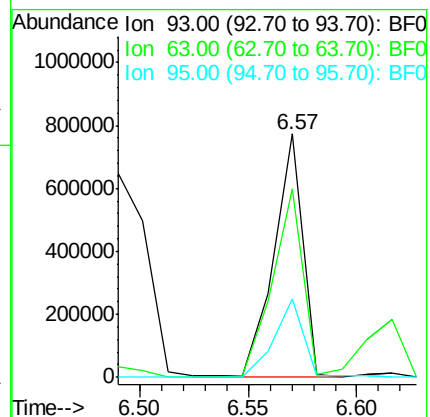
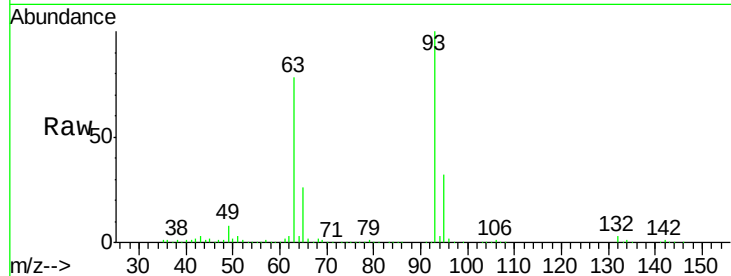
63 77.5 63.4 103.4

95 32.3 11.7 51.7

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#12

1,3-Dichlorobenzene

Concen: 65.71 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

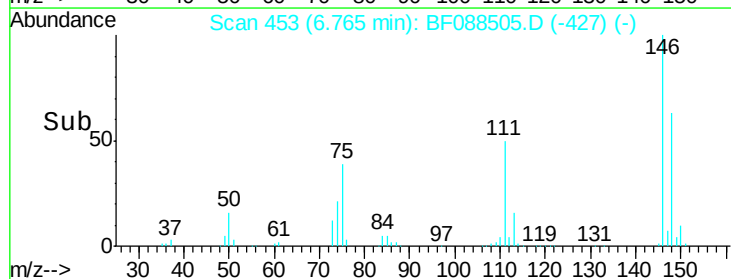
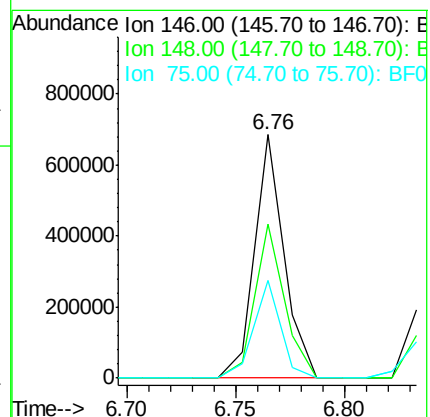
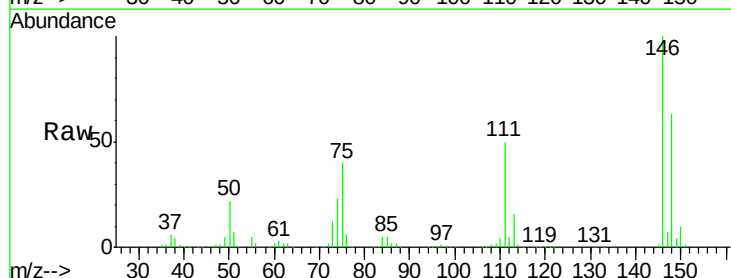
Tgt Ion: 146 Resp: 645056

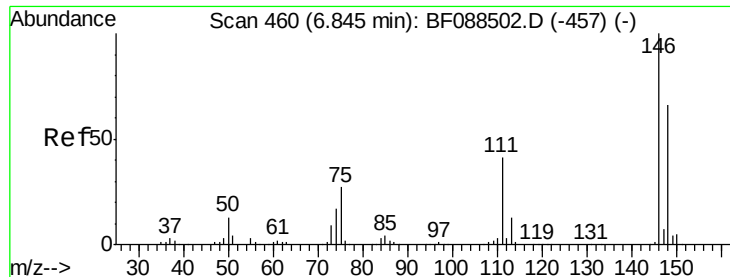
Ion Ratio Lower Upper

146 100

148 63.3 52.3 78.5

75 39.9 26.8 40.2





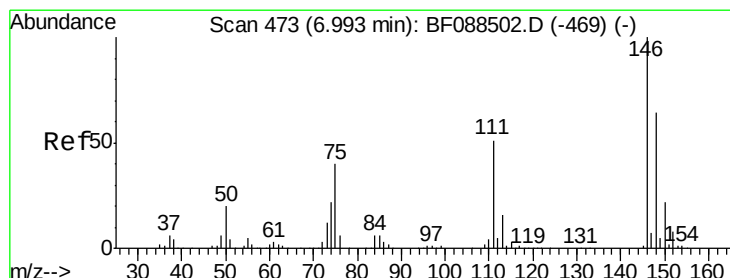
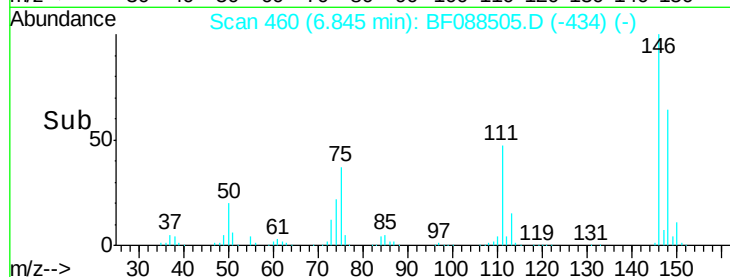
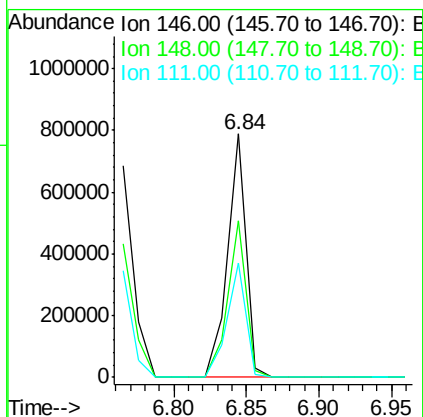
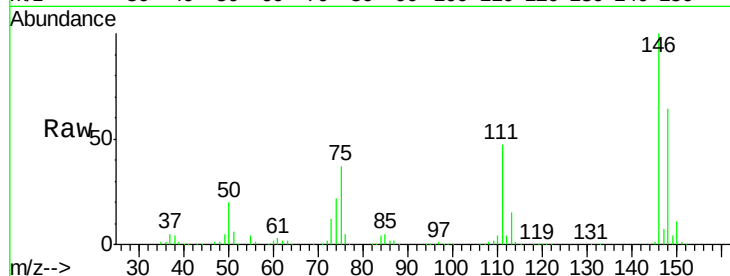
#13
 1,4-Dichlorobenzene
 Concen: 69.89 ng
 RT: 6.84 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		696787		
148	64.1	52.8	79.2		
111	46.8	32.5	48.7		

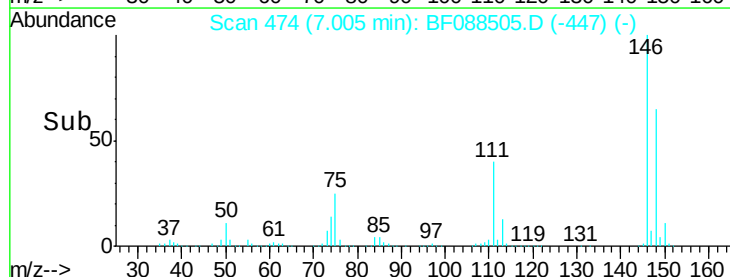
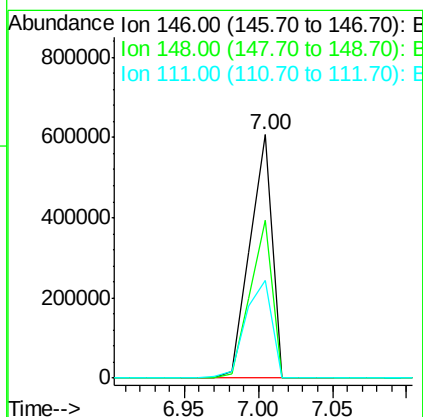
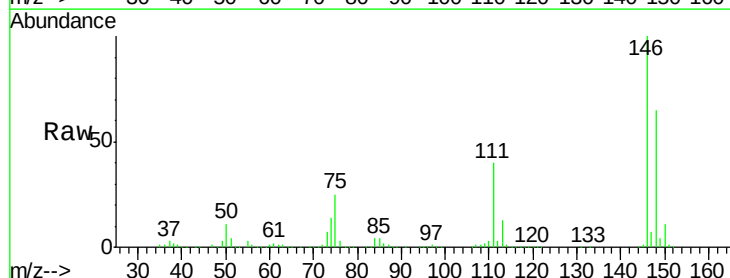
Manual Integrations

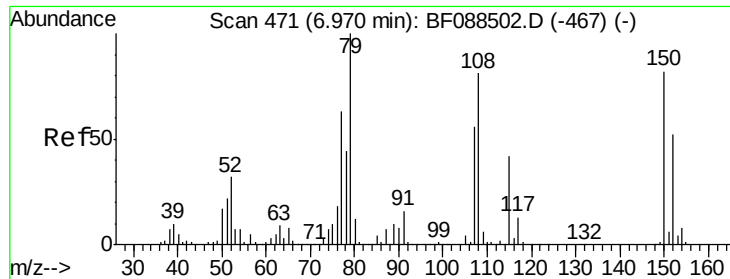
sohil
 6/30/2016 7:46:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 72.58 ng m
 RT: 7.00 min Scan# 474
 Delta R.T. 0.01 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		644947		
148	64.7	51.1	76.7		
111	40.0	40.5	60.7#		





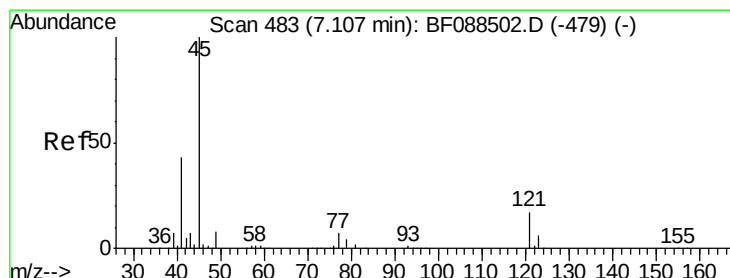
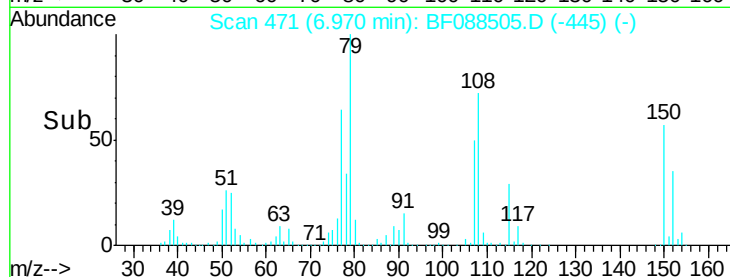
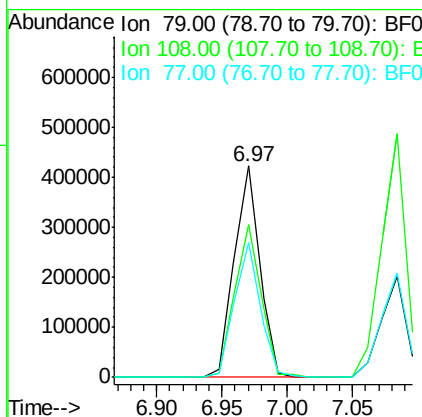
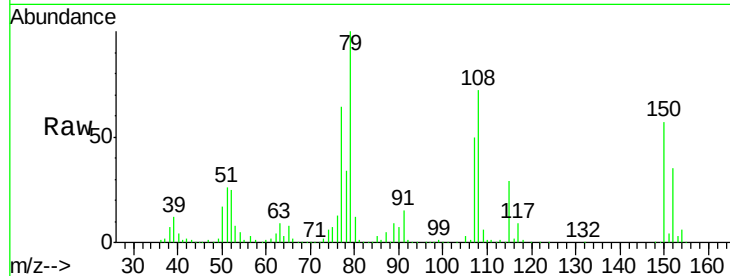
#15
Benzyl Alcohol
Concen: 75.96 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 79 Resp: 573814
Ion Ratio Lower Upper
79 100
108 72.2 64.7 97.1
77 63.9 50.4 75.6

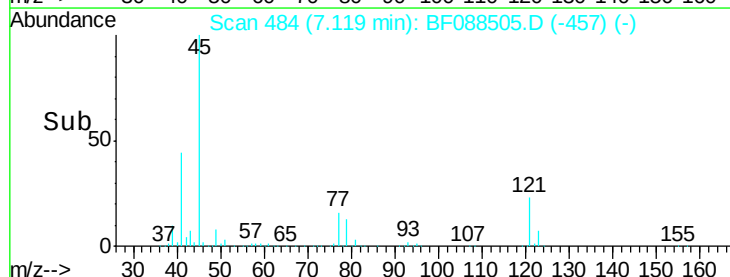
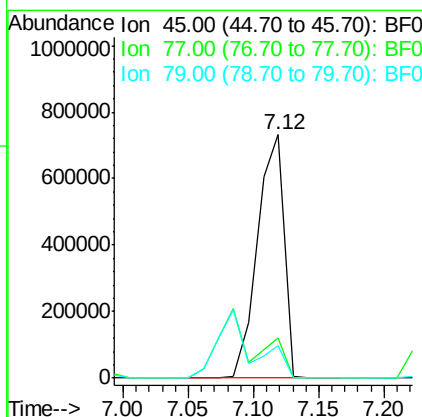
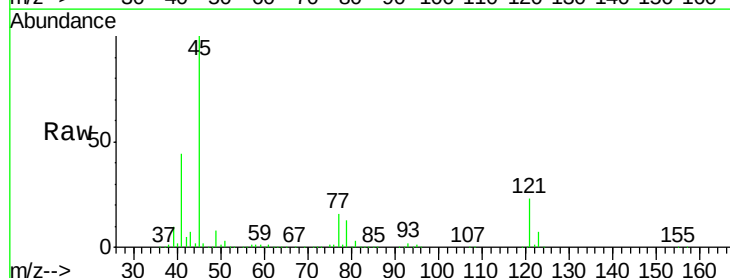
Manual Integrations

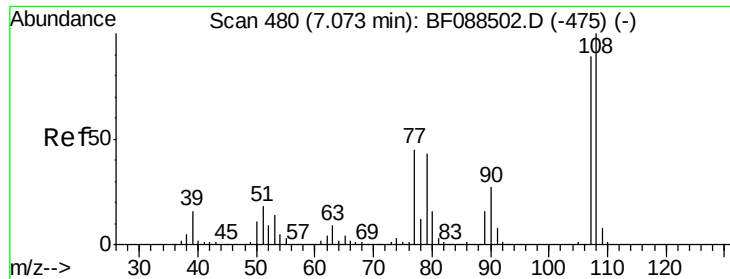
sohil
6/30/2016 7:46:35 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 91.05 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion: 45 Resp: 1039017
Ion Ratio Lower Upper
45 100
77 16.4 0.0 34.1
79 13.2 0.0 30.7





#17

2-Methylphenol

Concen: 74.72 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:107 Resp: 556871

Ion Ratio Lower Upper

107 100

108 113.6 90.0 135.0

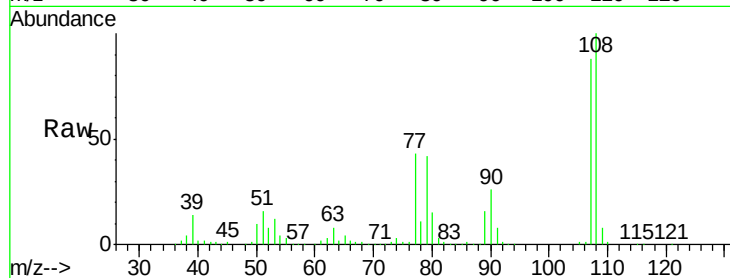
77 48.4 40.2 60.4

79 47.4 39.0 58.6

Manual Integrations

sohil

6/30/2016 7:46:35 PM

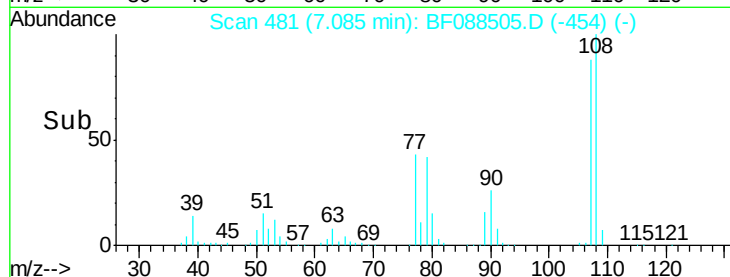


Abundance Ion 107.00 (106.70 to 107.70): E

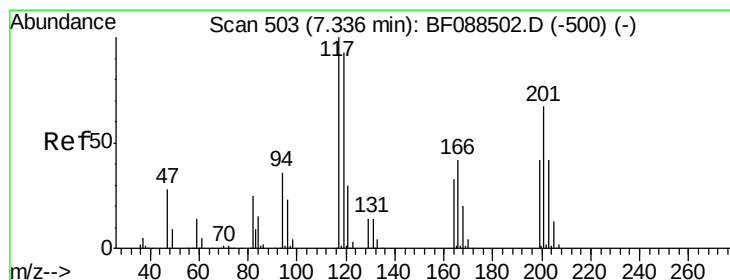
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 79.95 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

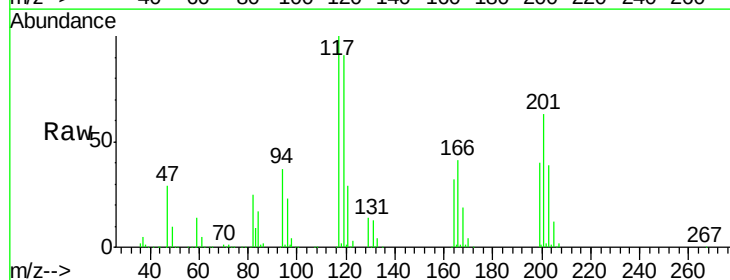
Tgt Ion:117 Resp: 281928

Ion Ratio Lower Upper

117 100

119 90.8 74.1 111.1

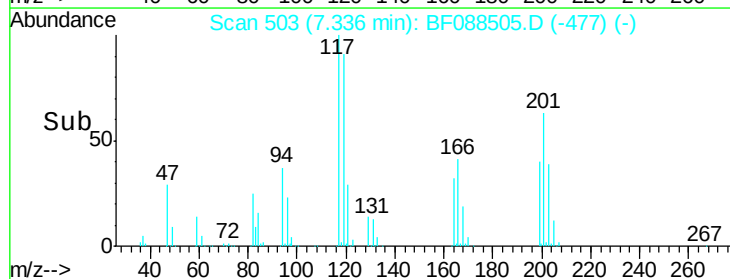
201 62.5 53.4 80.2



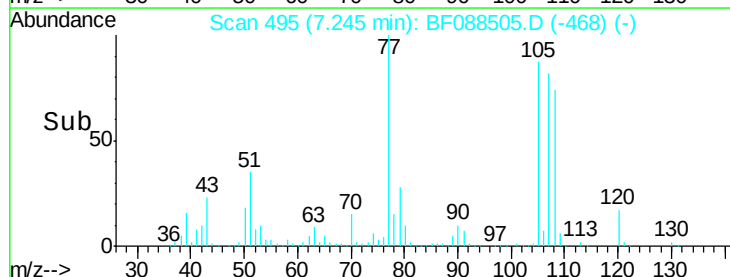
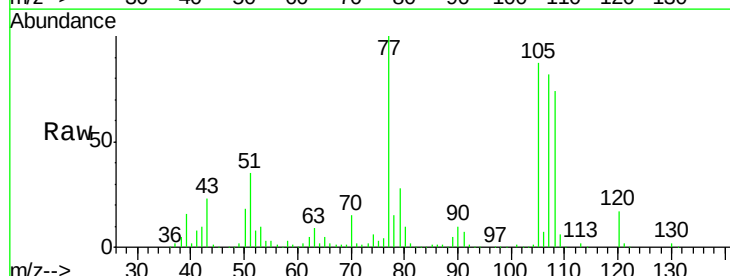
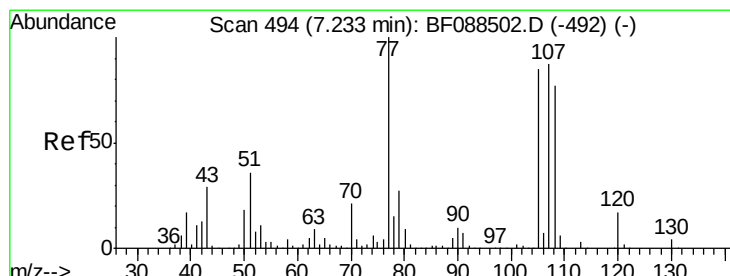
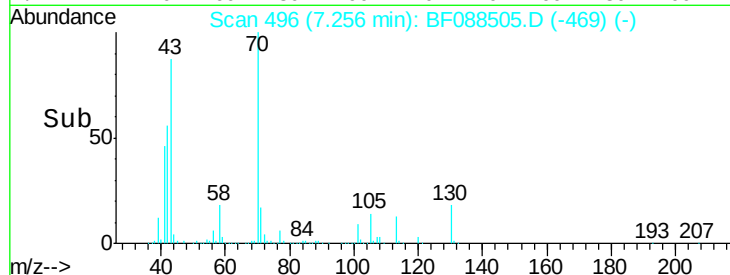
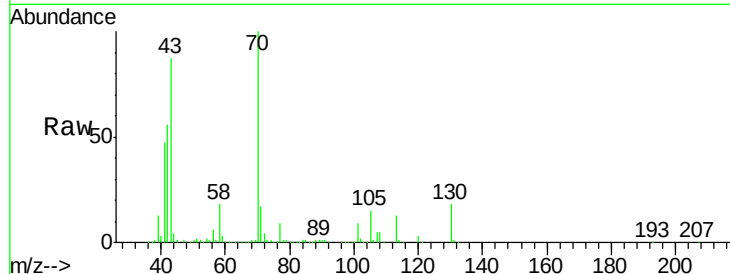
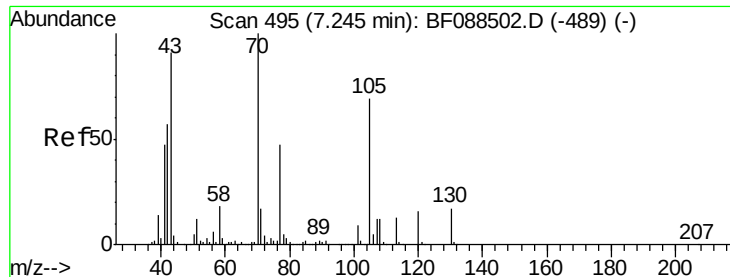
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

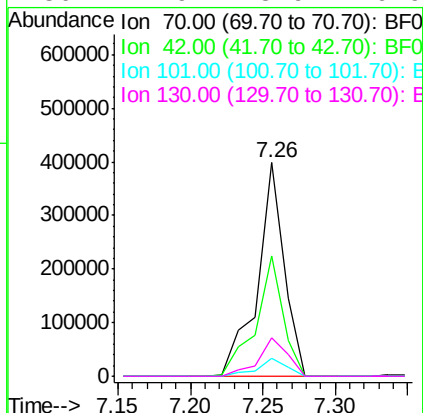


Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 81.95 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		509635		
42	56.1	45.9	68.9		
101	8.6	6.8	10.2		
130	17.9	13.9	20.9		



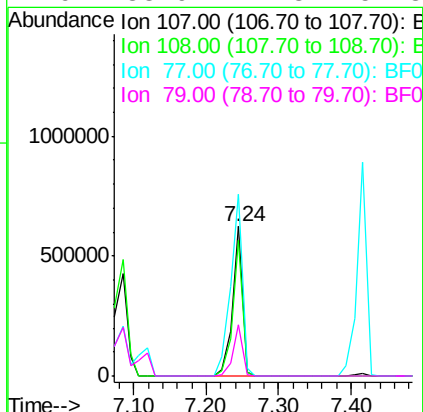
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

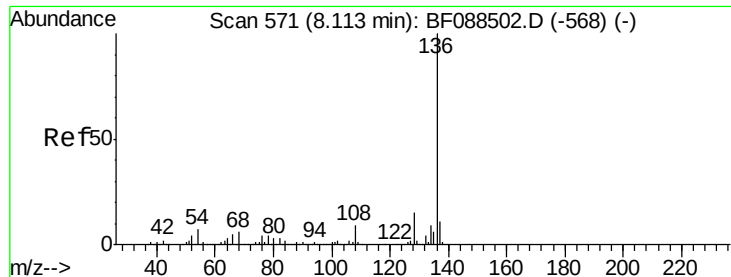
Manual Integrations

sohil
6/30/2016 7:46:35 PM

#20
3+4-Methylphenols
Concen: 67.61 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		590717		
108	90.5	68.1	108.1		
77	122.0	95.1	135.1		
79	33.9	11.3	51.3		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

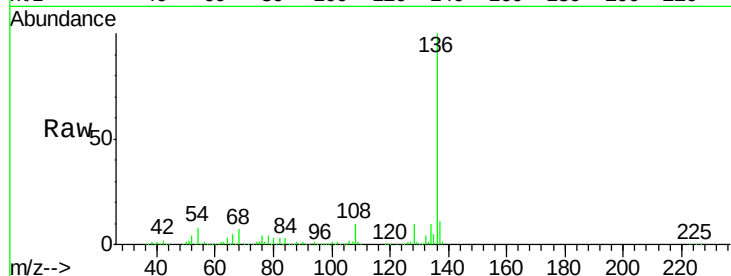
SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		533892		
137	10.9		8.5	12.7	
54	7.8		5.4	8.2	
68	6.6		4.9	7.3	

Manual Integrations

sohil

6/30/2016 7:46:35 PM



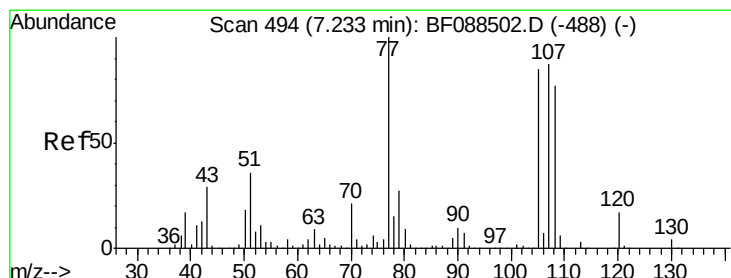
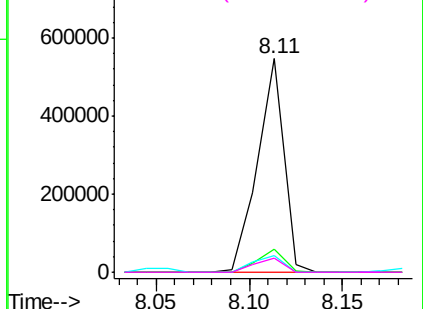
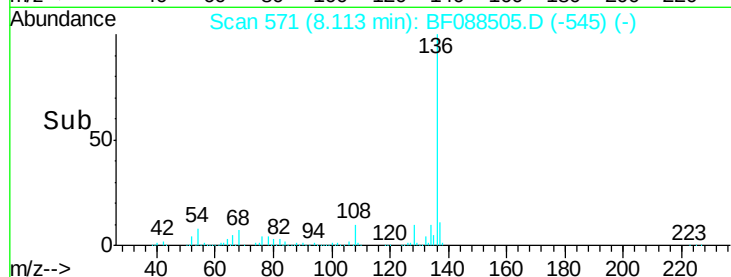
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 67.31 ng

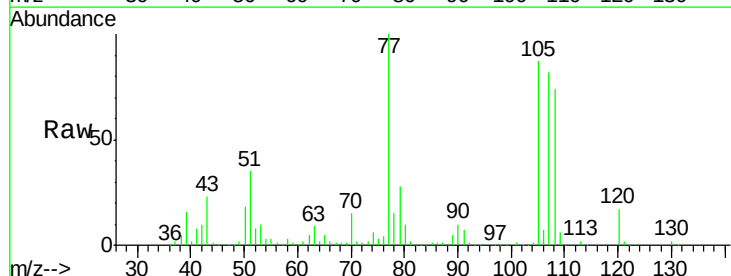
RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		808318		
71	2.8		3.4	5.2#	
51	40.0		33.6	50.4	
120	19.9		15.6	23.4	



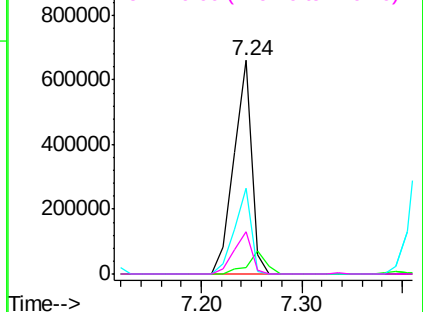
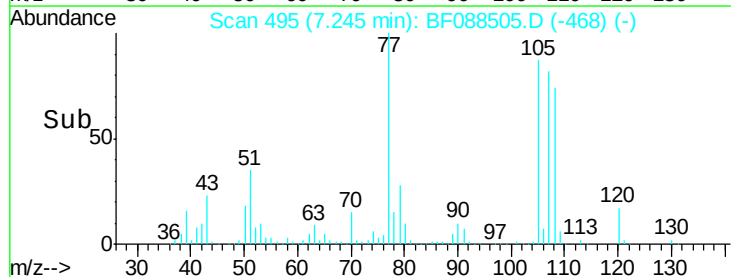
Abundance

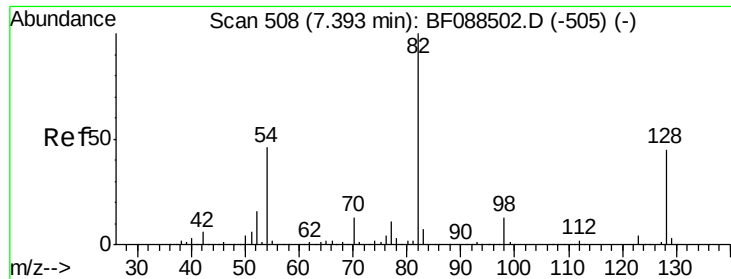
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





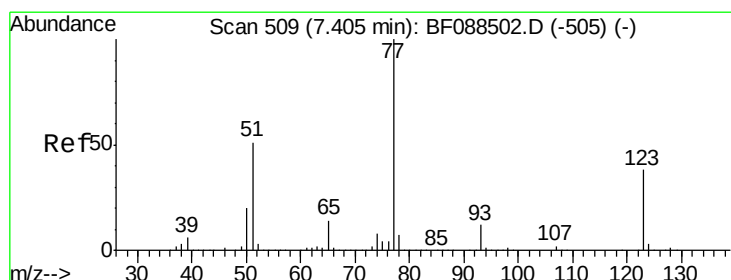
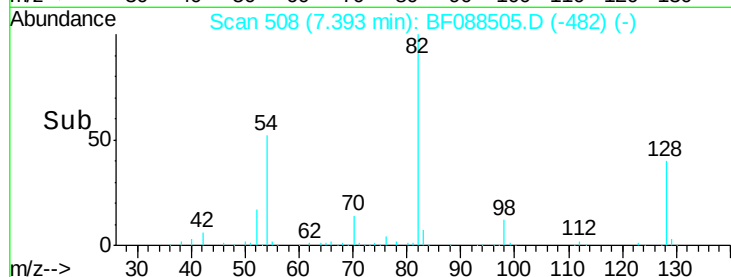
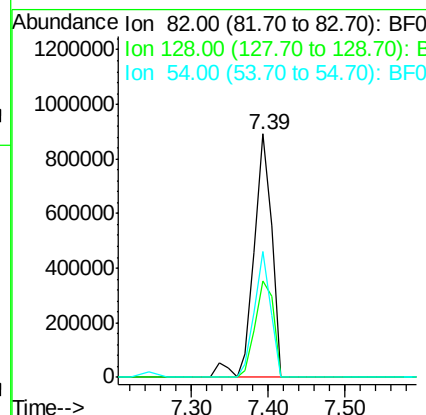
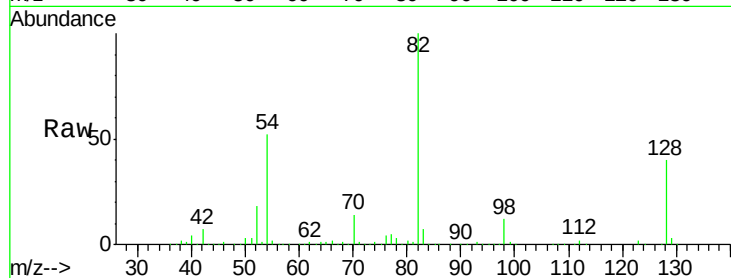
#23
 Nitrobenzene-d5
 Concen: 154.13 ng
 RT: 7.39 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	82	Resp	1431832
Ion Ratio	100	Lower	Upper
82	100		
128	39.8	35.8	53.8
54	51.8	37.1	55.7

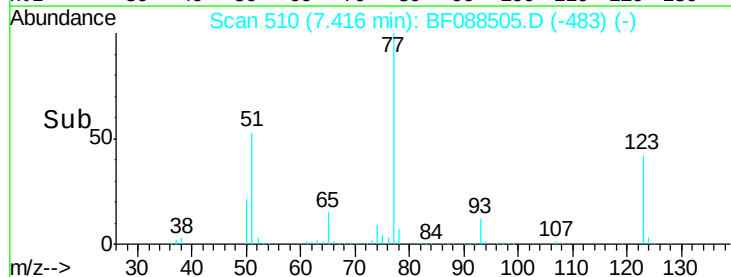
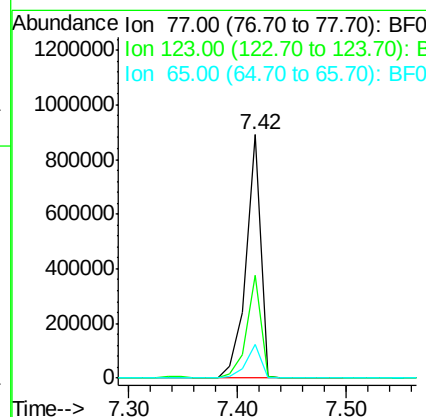
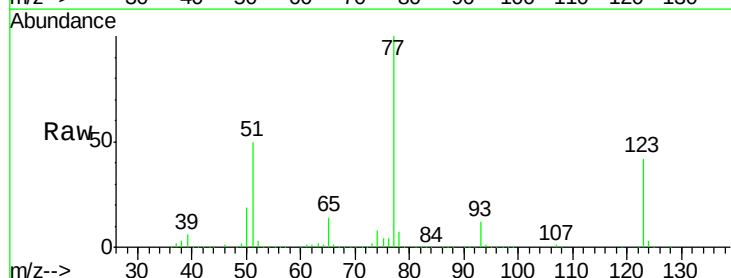
Manual Integrations

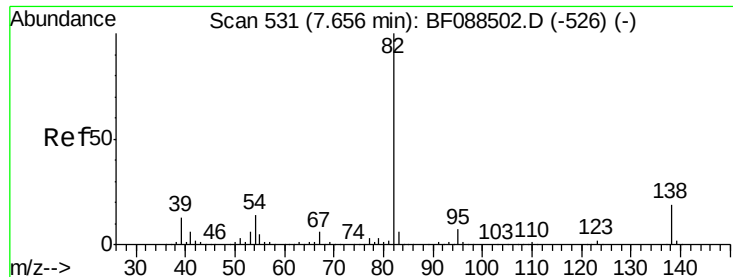
sohil
 6/30/2016 7:46:35 PM



#24
 Nitrobenzene
 Concen: 89.47 ng
 RT: 7.42 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion	77	Resp	816448
Ion Ratio	100	Lower	Upper
77	100		
123	42.0	30.7	46.1
65	13.8	10.9	16.3





#25

Isophorone

Concen: 80.27 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 82 Resp: 1395759

Ion Ratio Lower Upper

82 100

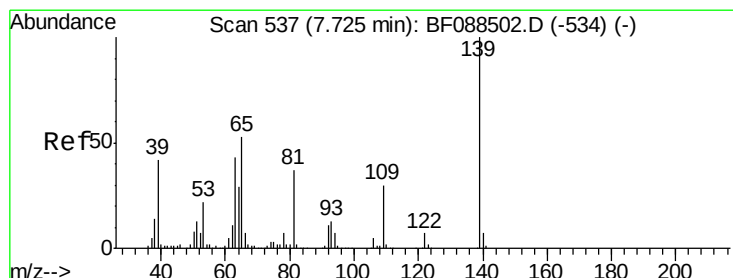
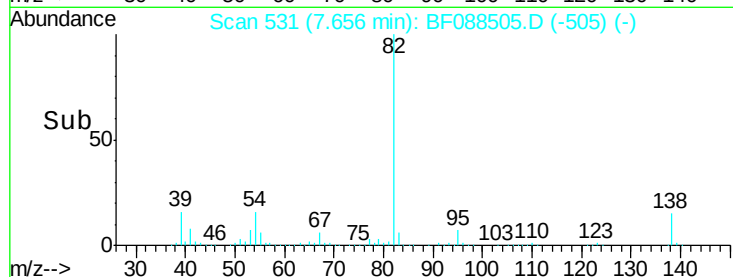
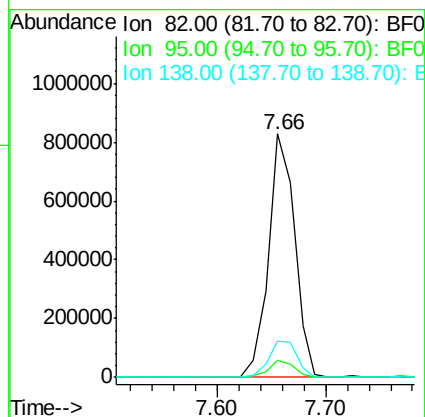
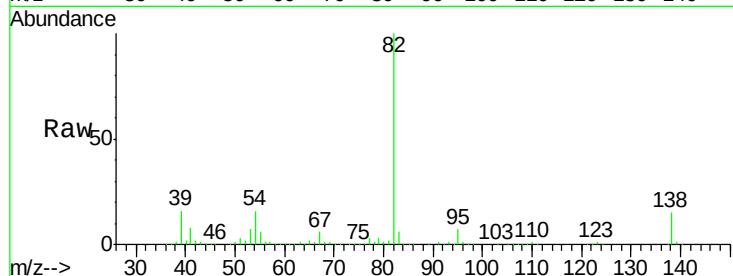
95 6.8 5.6 8.4

138 14.7 14.8 22.2#

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#26

2-Nitrophenol

Concen: 59.17 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

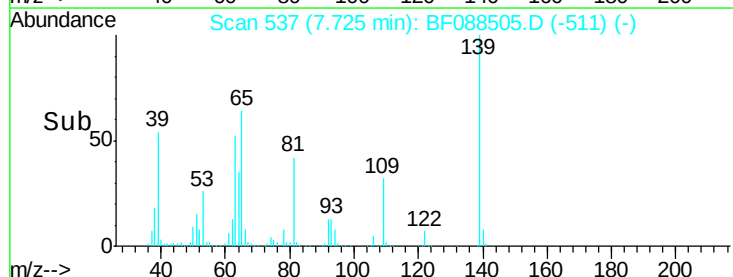
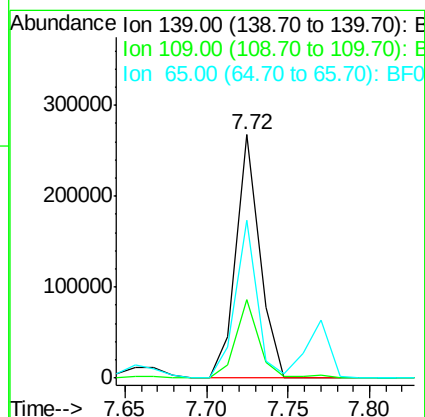
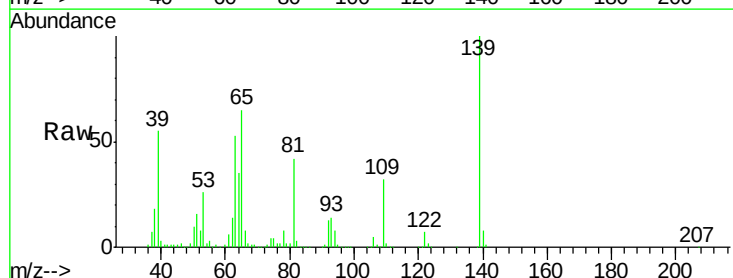
Tgt Ion: 139 Resp: 269660

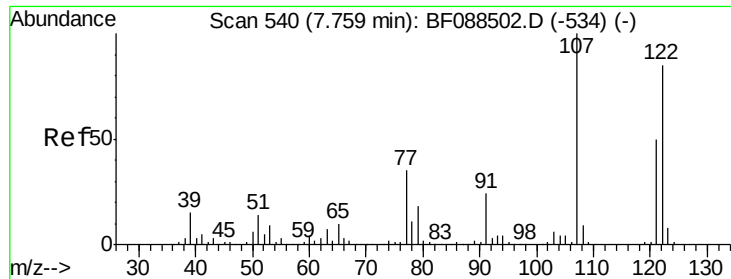
Ion Ratio Lower Upper

139 100

109 32.0 24.0 36.0

65 64.6 42.4 63.6#





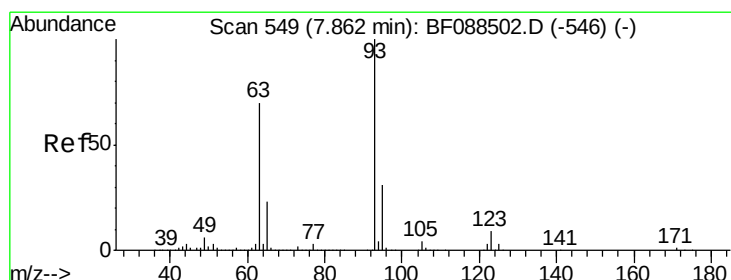
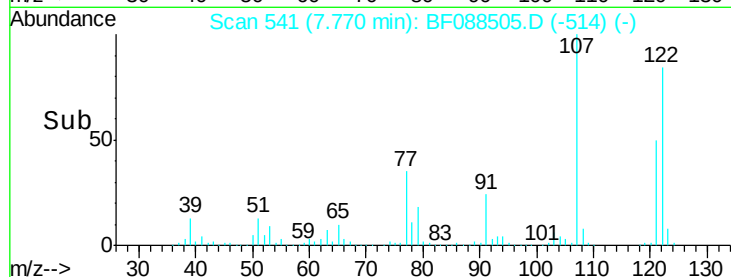
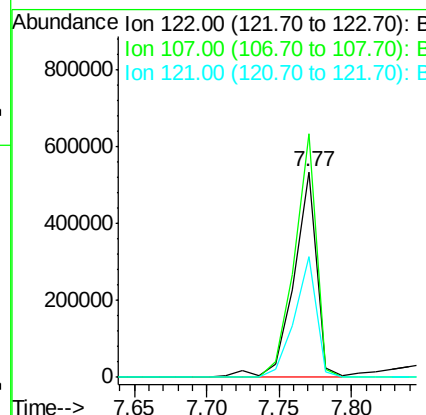
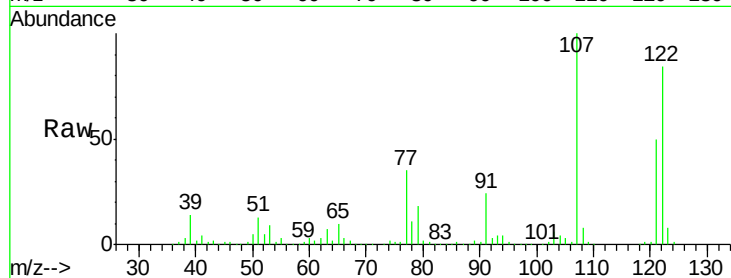
#27
 2,4-Dimethylphenol
 Concen: 67.61 ng
 RT: 7.77 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	94.1	141.1
121	58.8	47.0	70.6

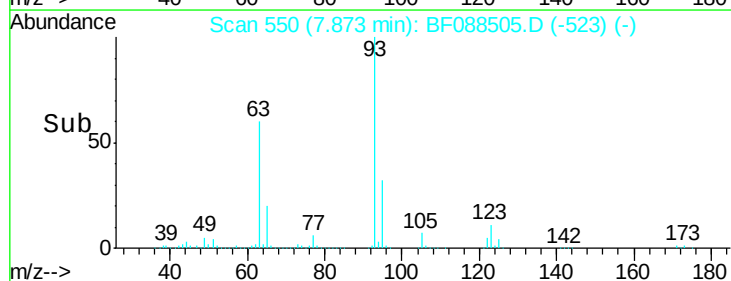
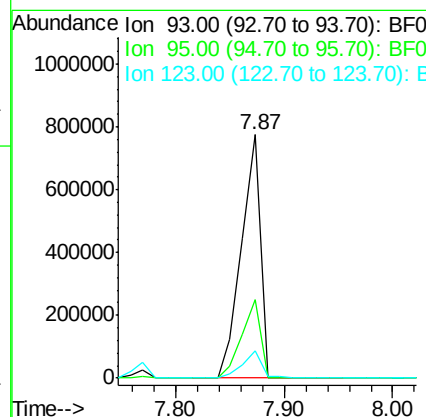
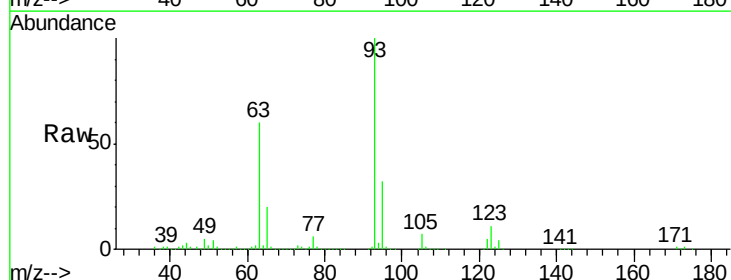
Manual Integrations

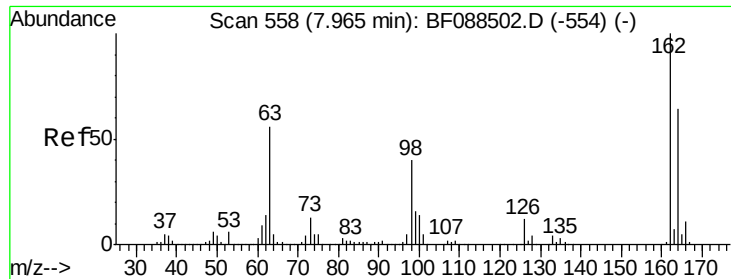
sohil
 6/30/2016 7:46:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 86.78 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.1	37.7
123	11.3	7.8	11.6





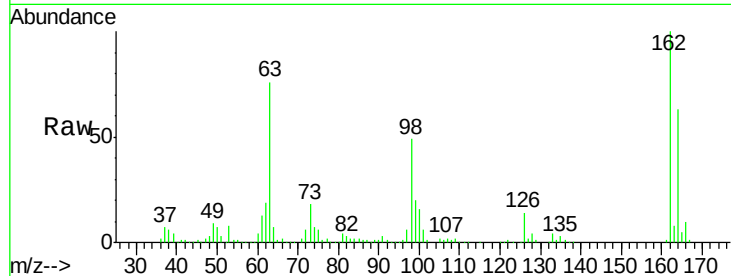
#29
2,4-Dichlorophenol
Concen: 68.47 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

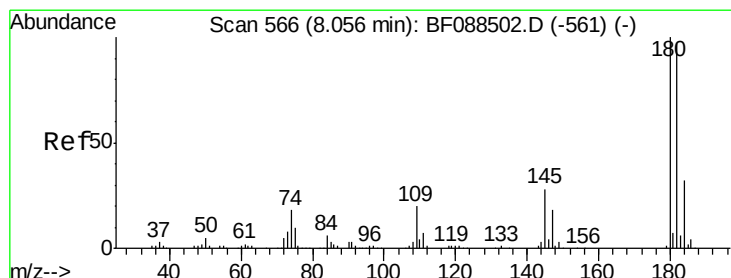
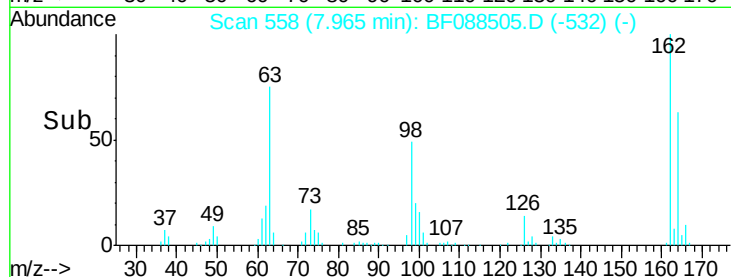
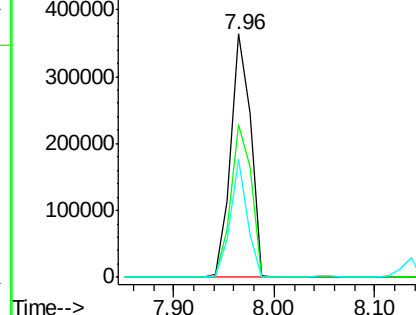
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.3	84.3
98	48.7	20.5	60.5

Manual Integrations

sohil
6/30/2016 7:46:35 PM

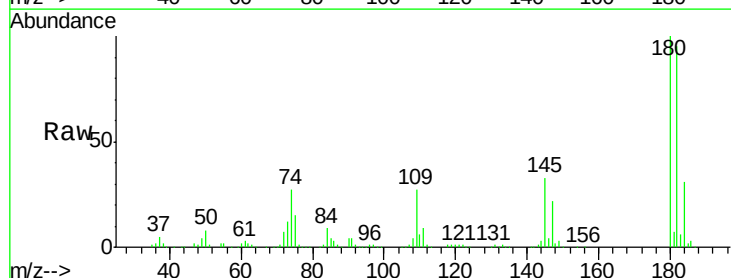


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

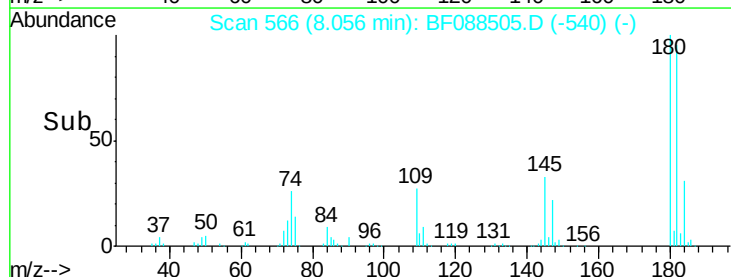
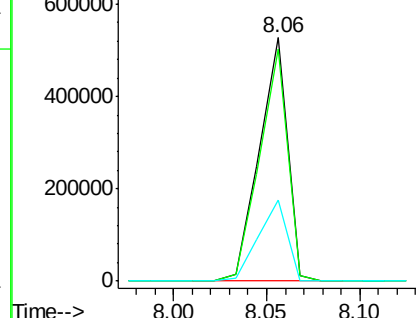


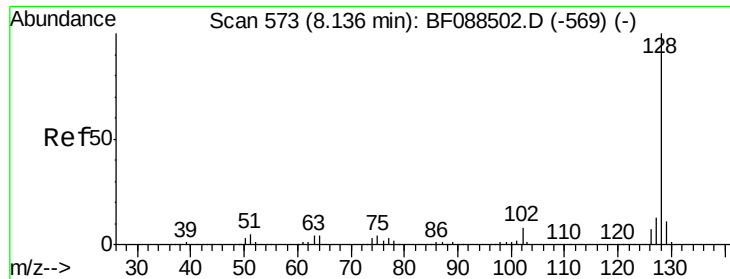
#30
1,2,4-Trichlorobenzene
Concen: 68.78 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.4	116.0
145	33.4	22.6	33.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





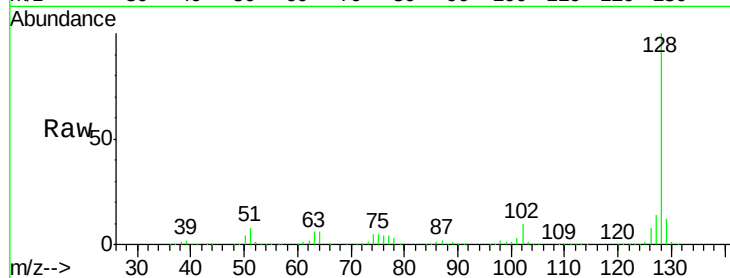
#31
Naphthalene
Concen: 68.52 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

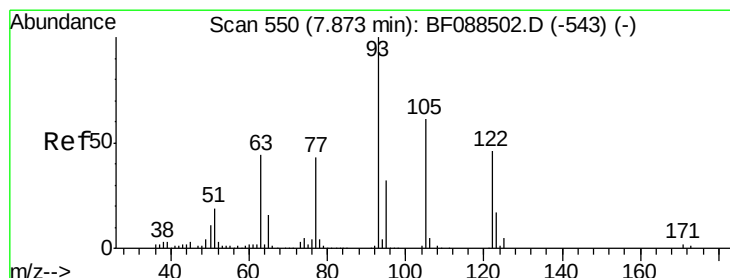
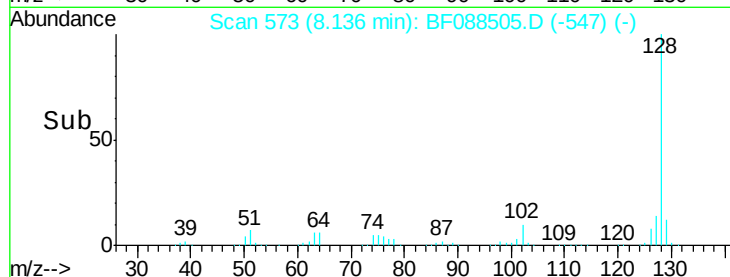
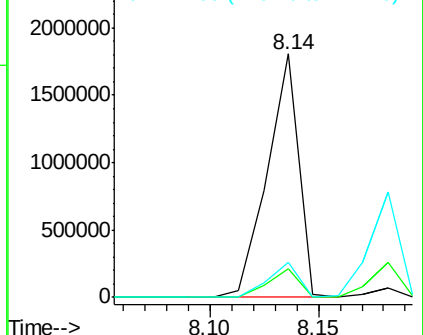
Tot Ion:128 Resp: 1831726
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 14.3 10.6 16.0

Manual Integrations

sohil
6/30/2016 7:46:35 PM

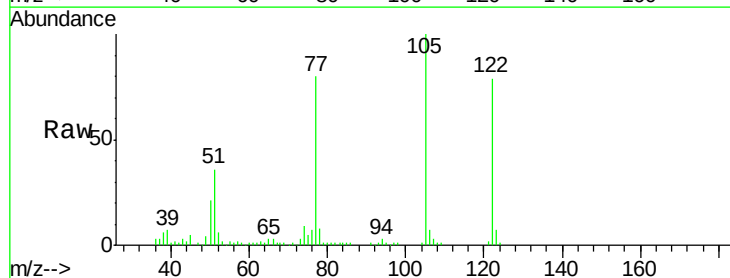


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

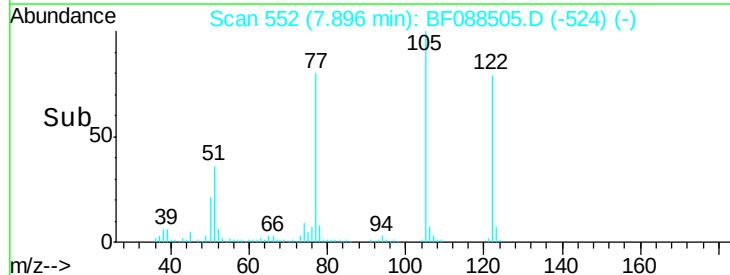
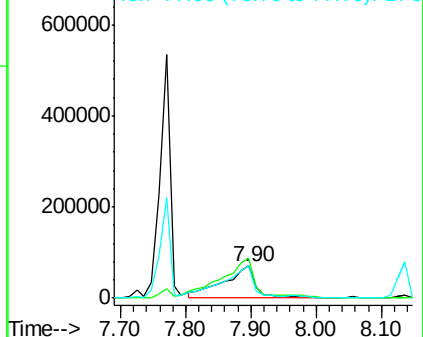


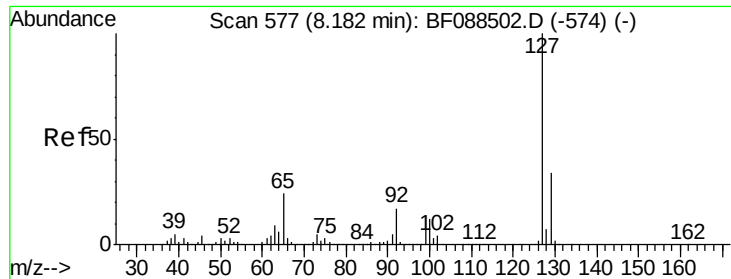
#32
Benzoic acid
Concen: 55.06 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion:122 Resp: 240183
Ion Ratio Lower Upper
122 100
105 125.9 110.7 150.7
77 100.4 76.5 116.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





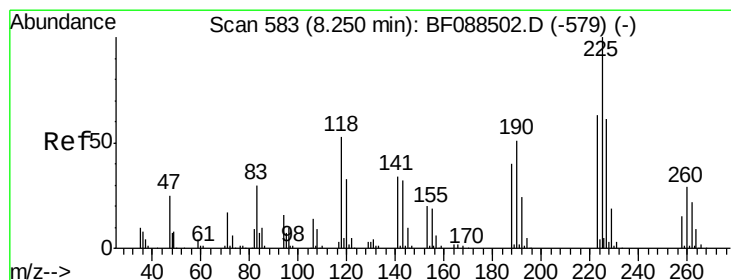
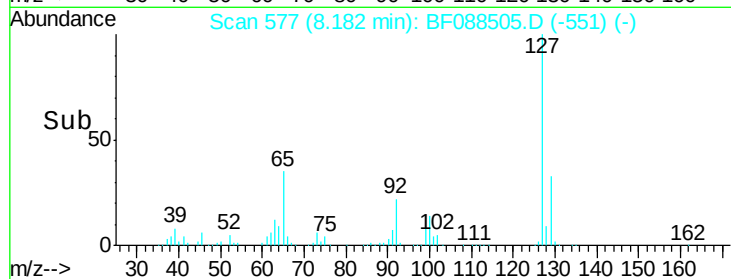
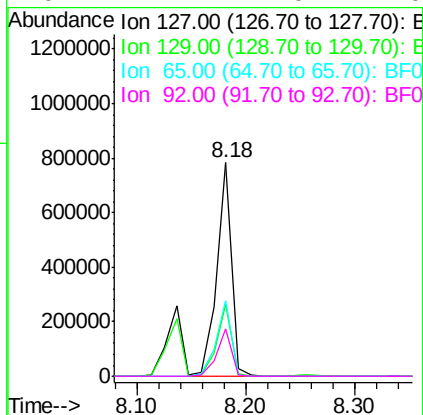
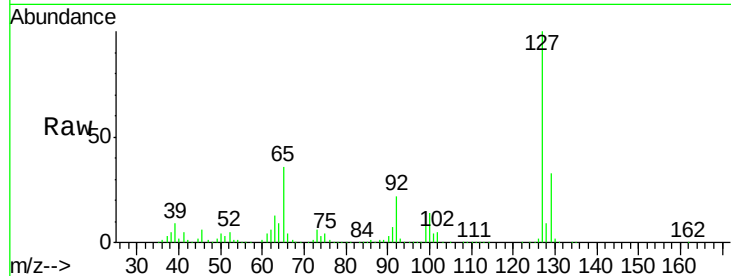
#33
4-Chloroaniline
Concen: 63.61 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.9	40.3		
65	35.6	19.4	29.2		
92	22.2	14.0	21.0		

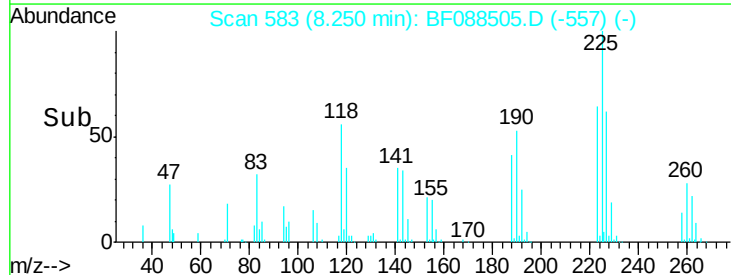
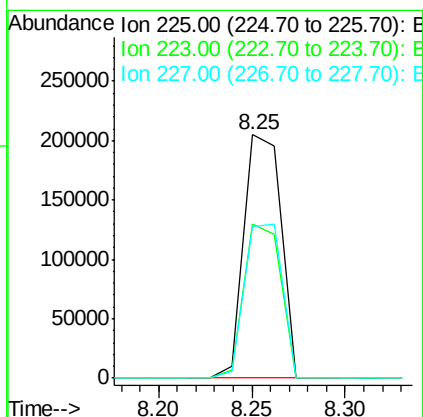
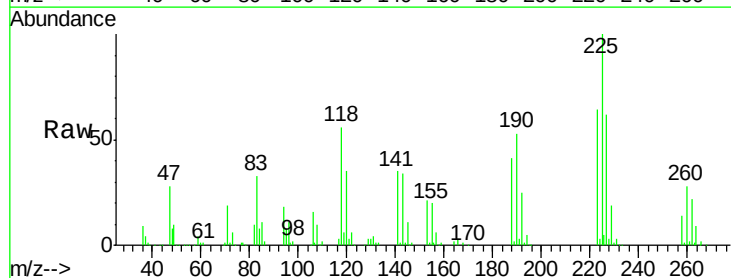
Manual Integrations

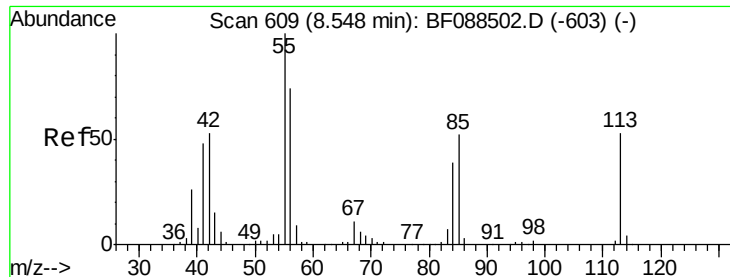
sohil
6/30/2016 7:46:35 PM



#34
Hexachlorobutadiene
Concen: 67.91 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.2	75.2		
227	62.1	48.6	73.0		





#35

Caprolactam

Concen: 65.88 ng

RT: 8.57 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

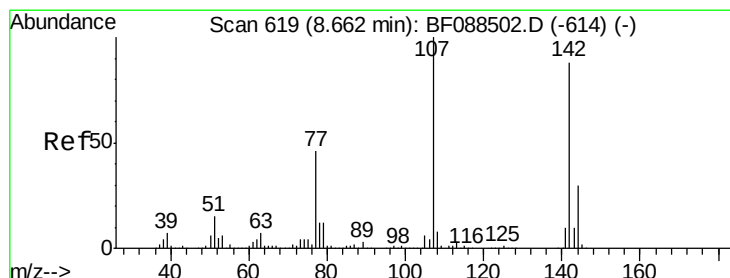
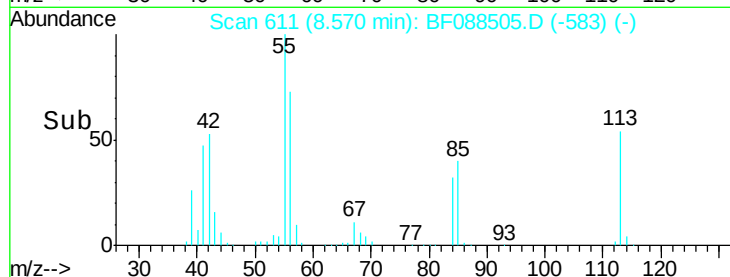
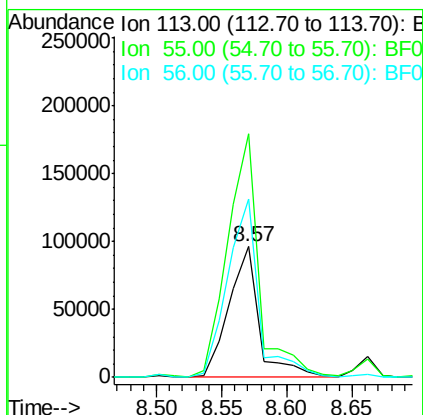
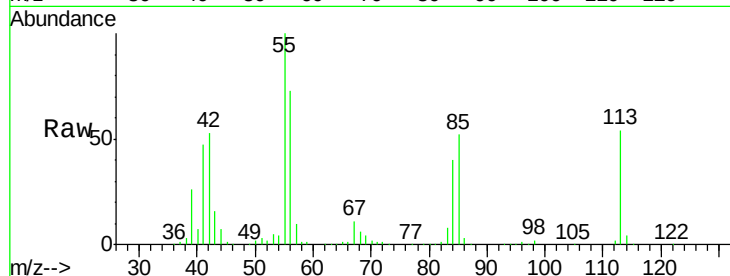
SSTDIC080

Tot Ion:	113	Resp:	155326
Ion	Ratio	Lower	Upper
113	100		
55	186.1	170.2	210.2
56	136.0	119.7	159.7

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#36

4-Chloro-3-methylphenol

Concen: 64.08 ng

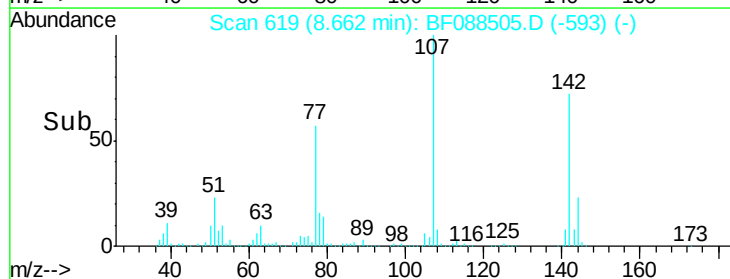
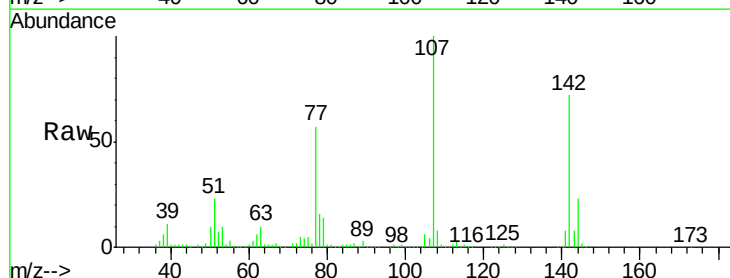
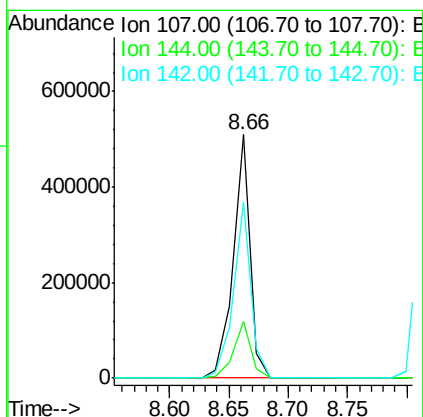
RT: 8.66 min Scan# 619

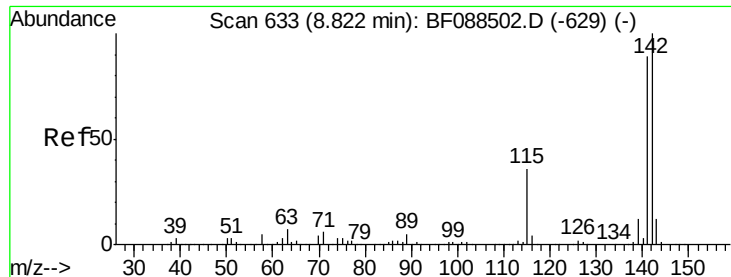
Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Tgt Ion:	107	Resp:	506137
Ion	Ratio	Lower	Upper
107	100		
144	23.3	23.7	35.5#
142	72.0	70.7	106.1





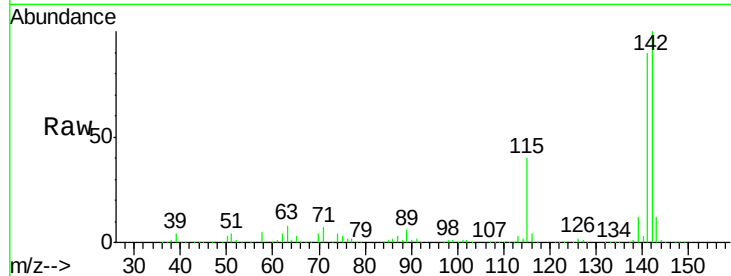
#37
2-Methylnaphthalene
Concen: 57.97 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

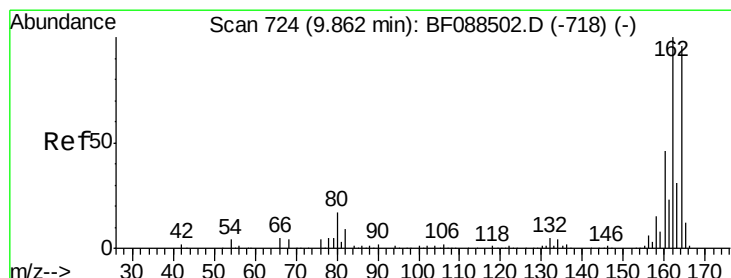
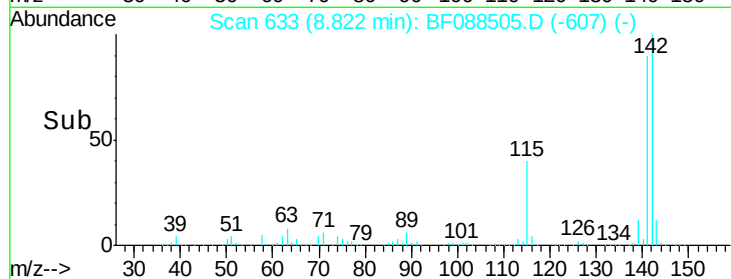
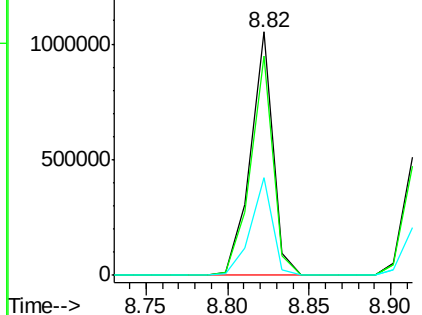
Tot Ion:142 Resp: 1005908
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.4
115 40.0 28.7 43.1

Manual Integrations

sohil
6/30/2016 7:46:35 PM

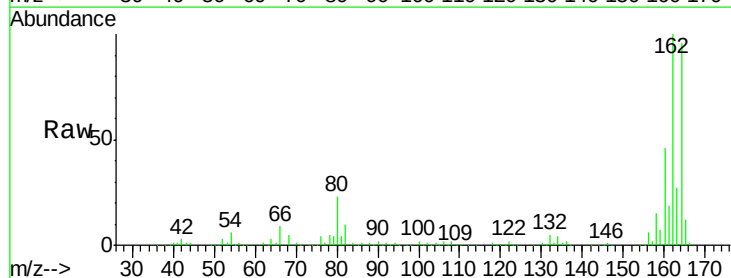


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

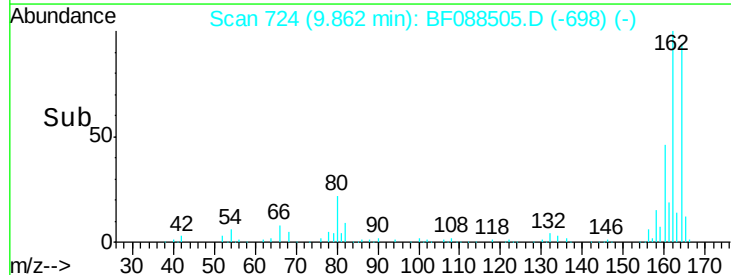
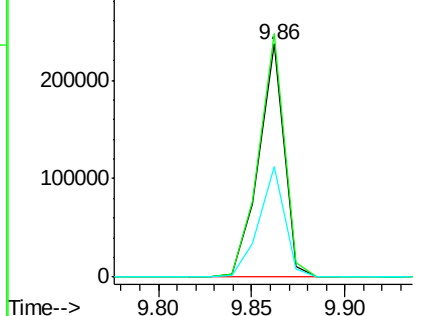


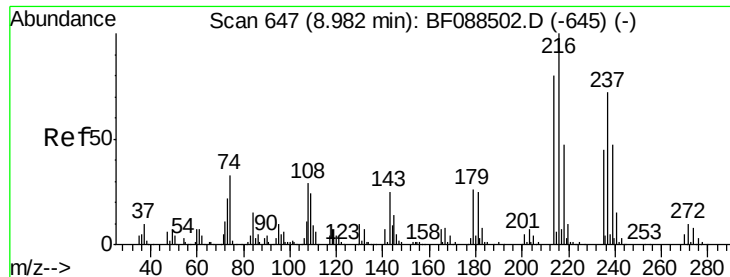
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion:164 Resp: 222300
Ion Ratio Lower Upper
164 100
162 104.6 83.7 125.5
160 47.7 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 72.35 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:216 Resp: 470569

Ion Ratio Lower Upper

216 100

214 79.0 0.0 0.0#

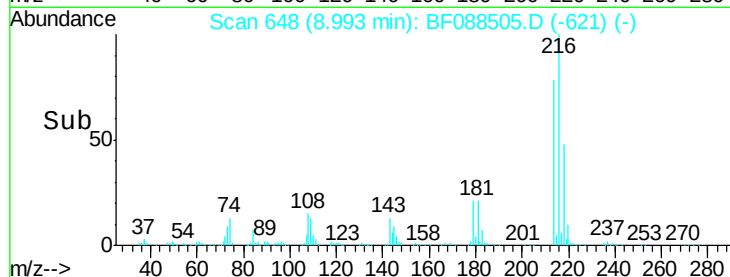
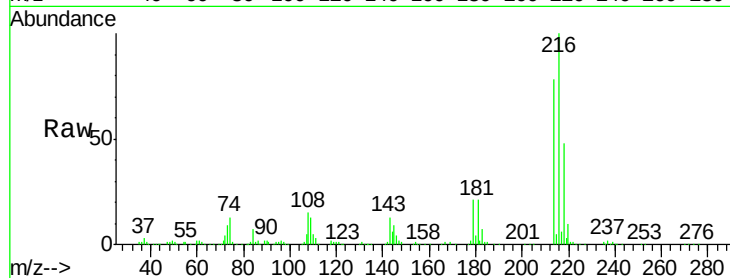
179 22.8 0.0 0.0#

108 22.2 0.0 0.0#

Manual Integrations

sohil

6/30/2016 7:46:35 PM

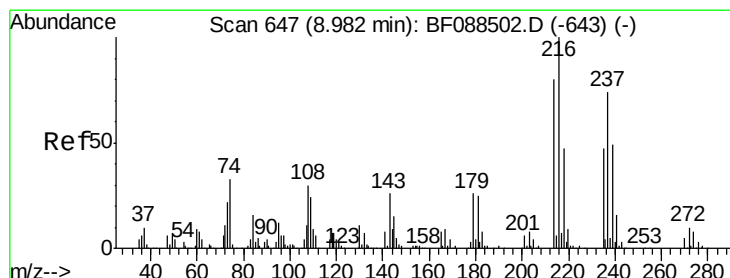
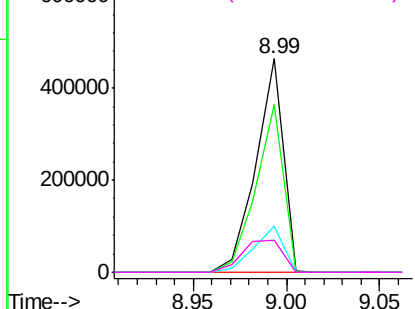


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.48 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

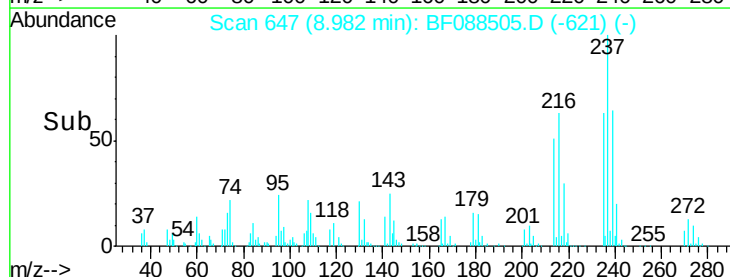
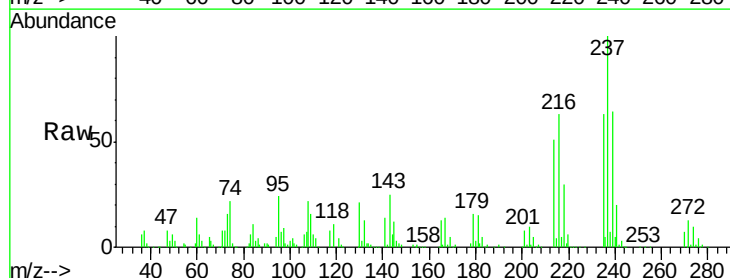
Tgt Ion:237 Resp: 282850

Ion Ratio Lower Upper

237 100

235 62.8 43.0 83.0

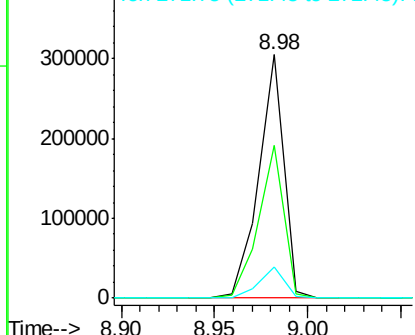
272 12.6 0.0 33.8

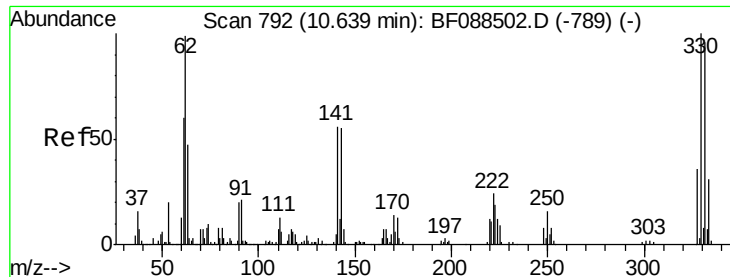


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





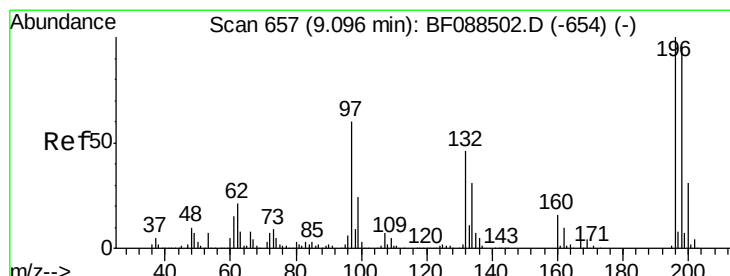
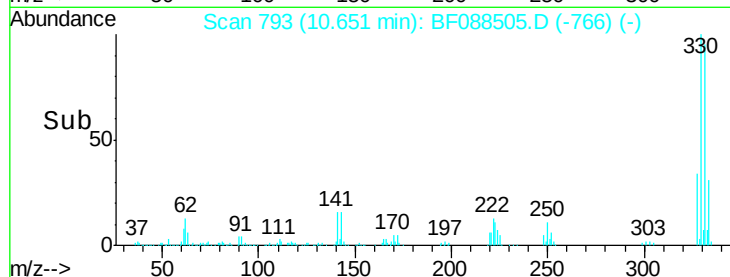
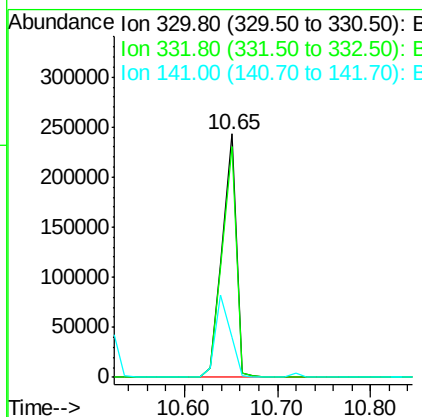
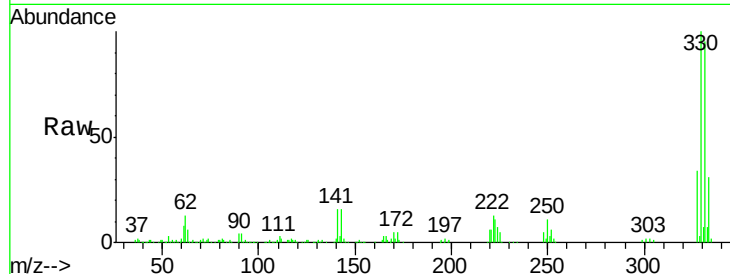
#41
 2,4,6-Tribromophenol
 Concen: 114.52 ng
 RT: 10.65 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	256685		
332	95.4	0.0	0.0	0.0
141	36.0	0.0	0.0	0.0

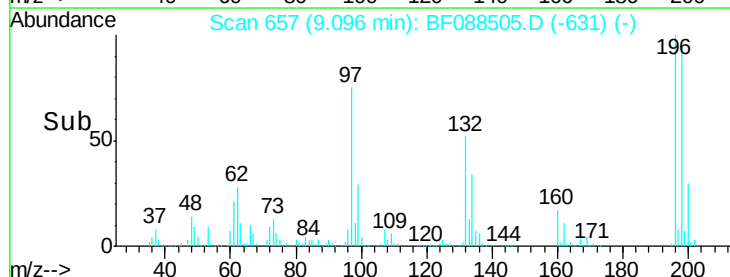
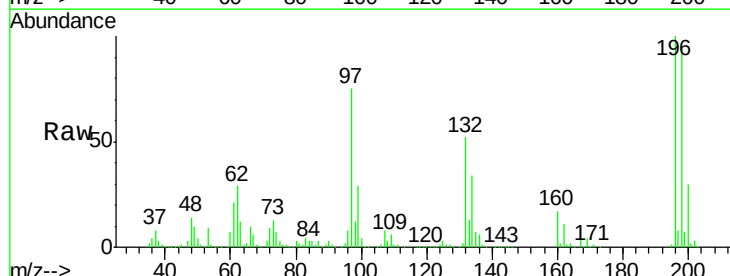
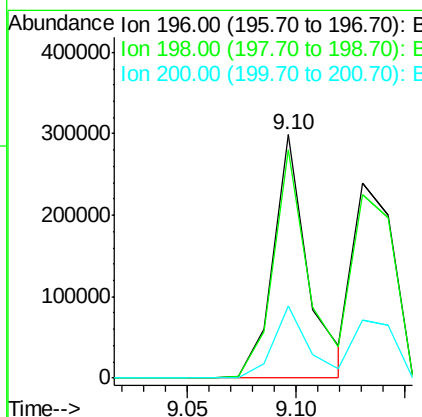
Manual Integrations

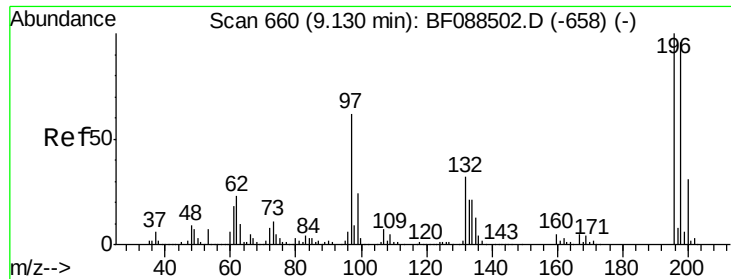
sohil
 6/30/2016 7:46:35 PM



#42
 2,4,6-Trichlorophenol
 Concen: 74.80 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	332599		
198	93.7	76.9	115.3	
200	29.6	24.6	36.8	





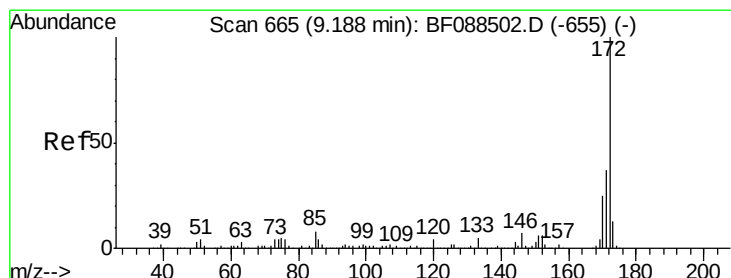
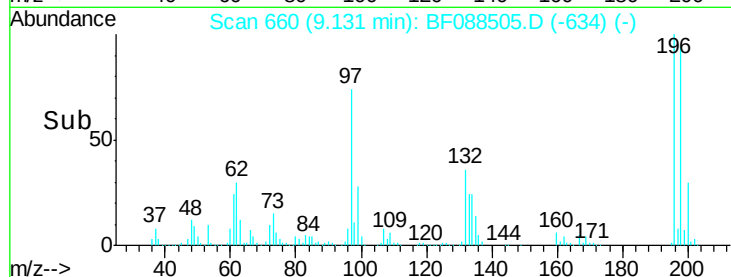
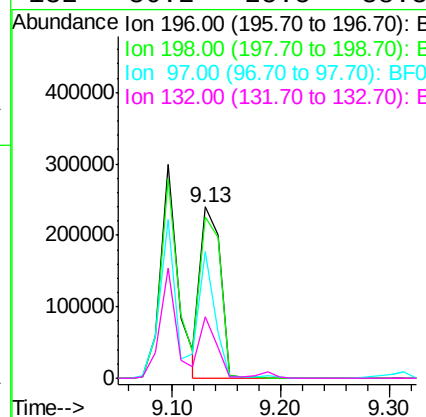
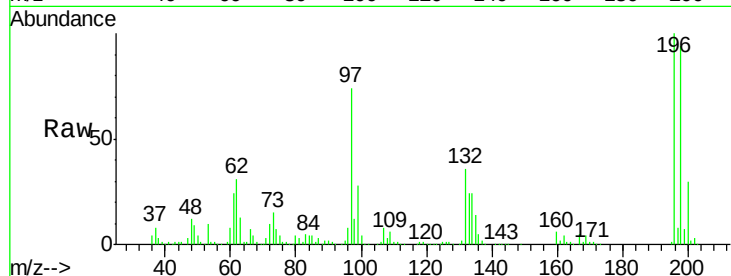
#43
 2,4,5-Trichlorophenol
 Concen: 66.30 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	196	Resp	307173
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.6	115.0
97	74.1	48.7	73.1#
132	36.2	25.5	38.3

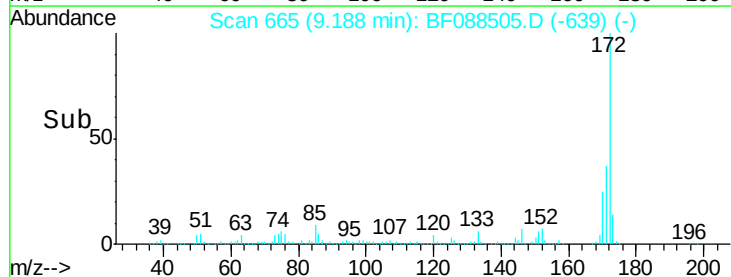
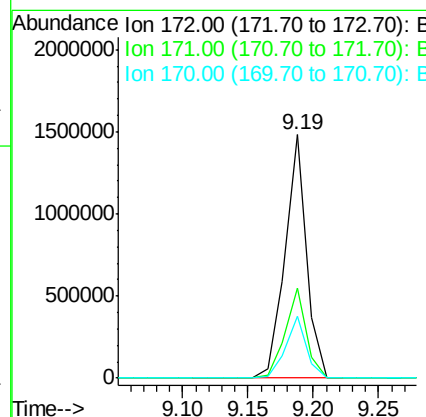
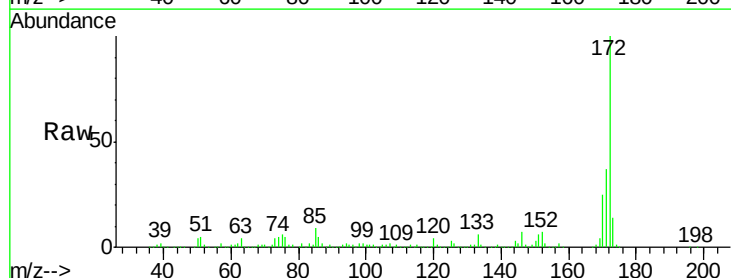
Manual Integrations

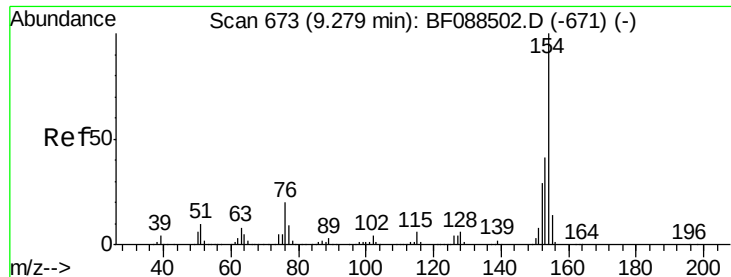
sohil
 6/30/2016 7:46:35 PM



#44
 2-Fluorobiphenyl
 Concen: 102.24 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion	172	Resp	1715348
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.3	43.9
170	25.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 70.15 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1274451

Ion Ratio Lower Upper

154 100

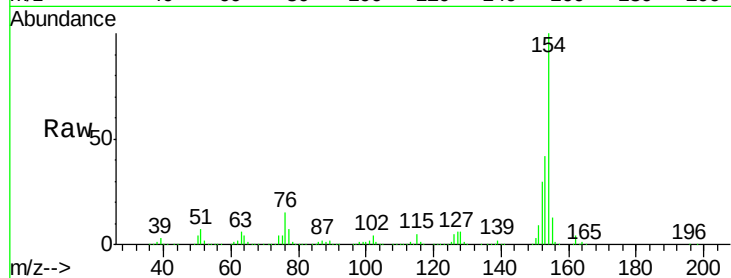
153 41.8 20.8 60.8

76 15.0 0.0 39.9

Manual Integrations

sohil

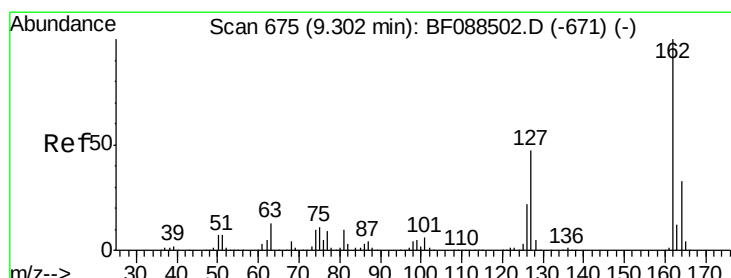
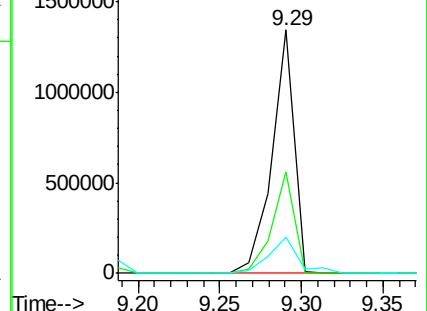
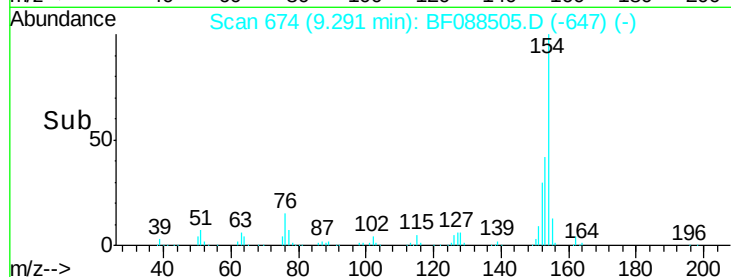
6/30/2016 7:46:35 PM



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: 72.87 ng

RT: 9.31 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

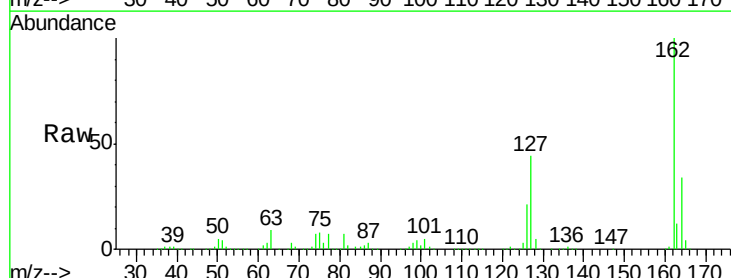
Tgt Ion:162 Resp: 1053882

Ion Ratio Lower Upper

162 100

127 44.3 37.8 56.8

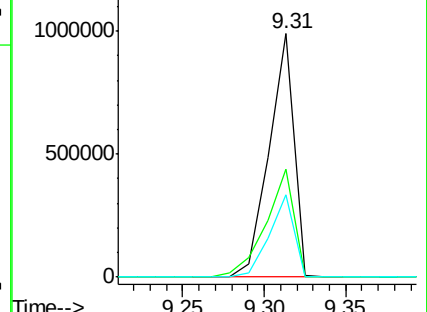
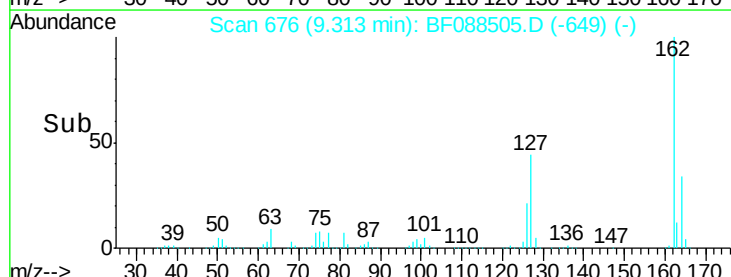
164 33.7 26.5 39.7

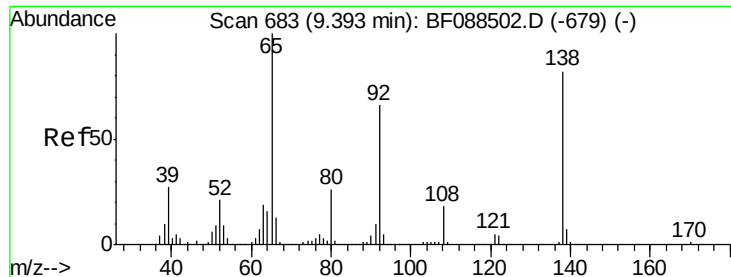


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 91.27 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

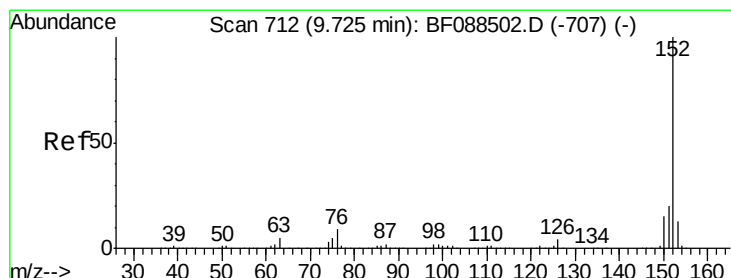
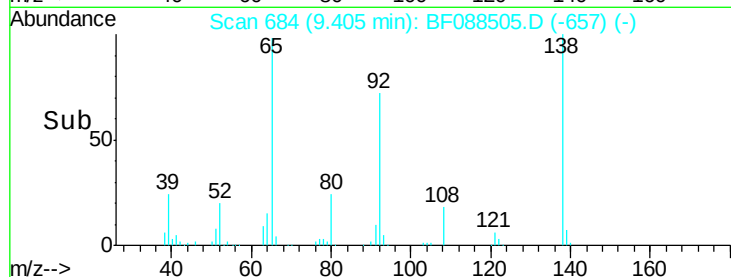
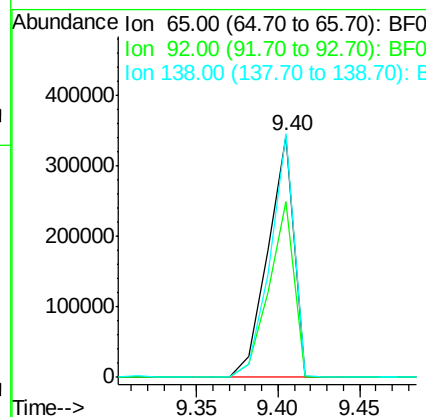
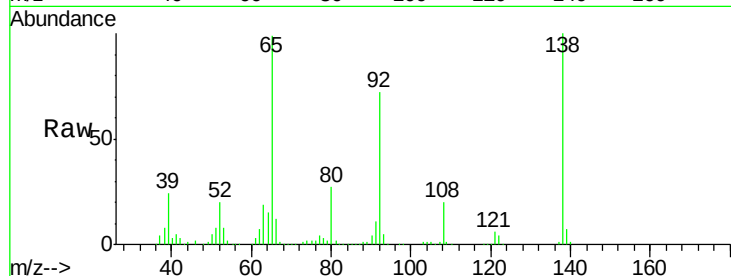
SSTDICC080

Tot Ion:	65	Resp:	380956
Ion Ratio	Lower	Upper	
65	100		
92	72.7	52.9	79.3
138	101.0	65.8	98.6

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#48

Acenaphthylene

Concen: 66.26 ng

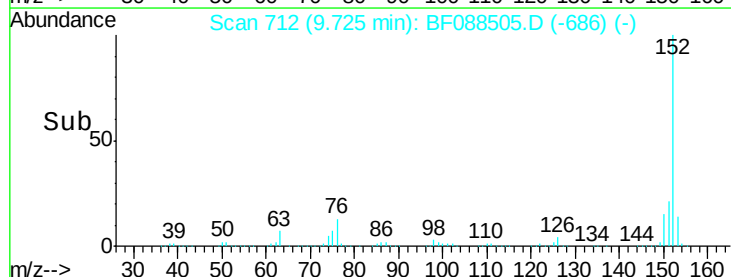
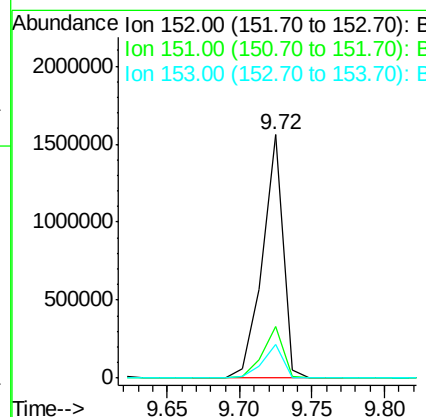
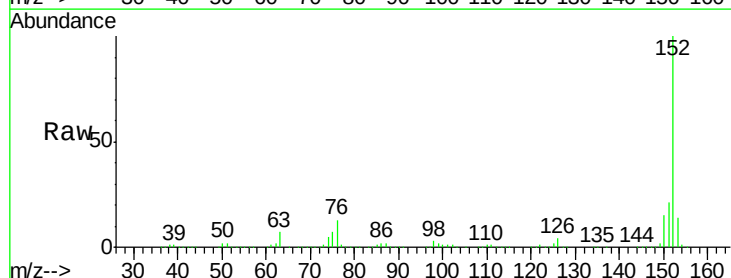
RT: 9.72 min Scan# 712

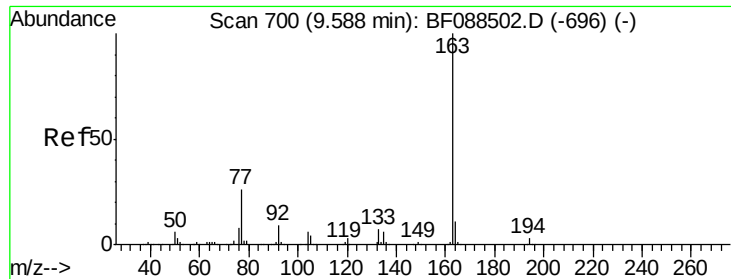
Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Tgt Ion:	152	Resp:	1535397
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.1	24.1
153	13.9	10.4	15.6





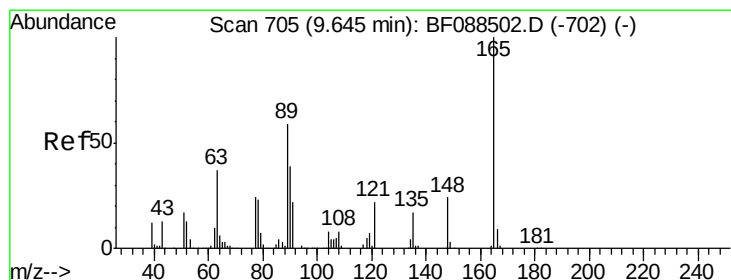
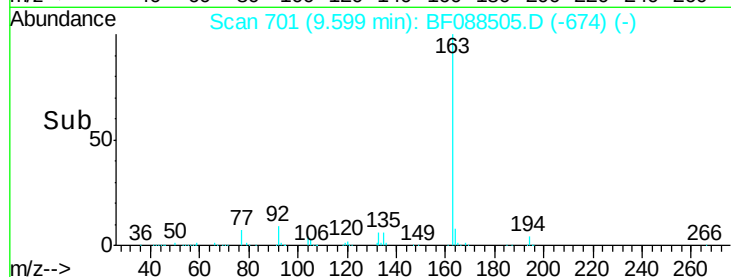
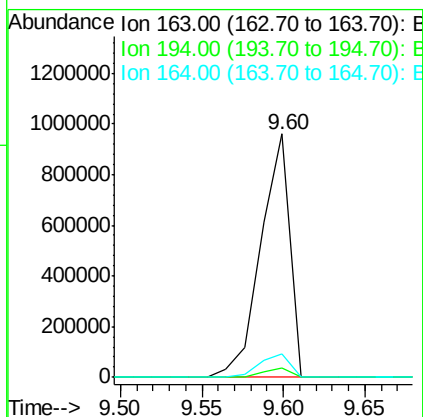
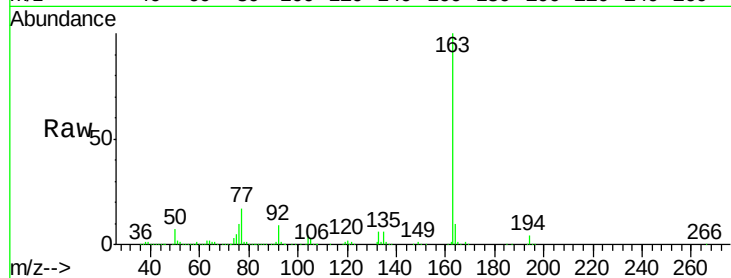
#49
Dimethylphthalate
Concen: 72.71 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:163 Resp: 1184245
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.9 8.5 12.7

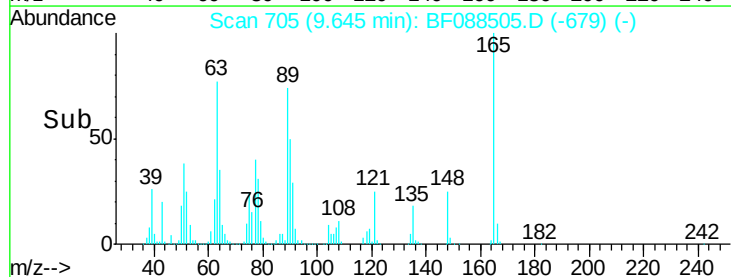
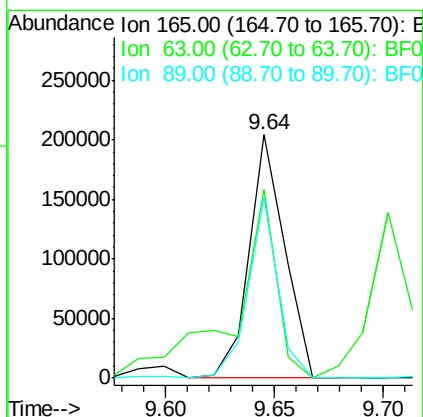
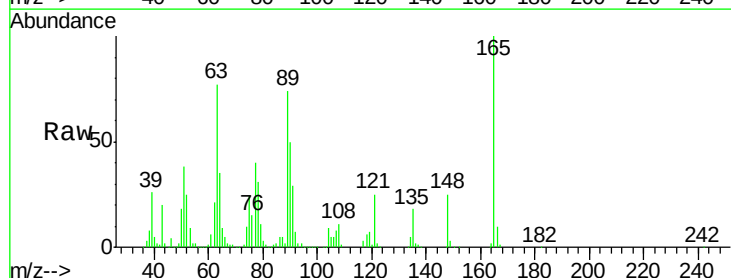
Manual Integrations

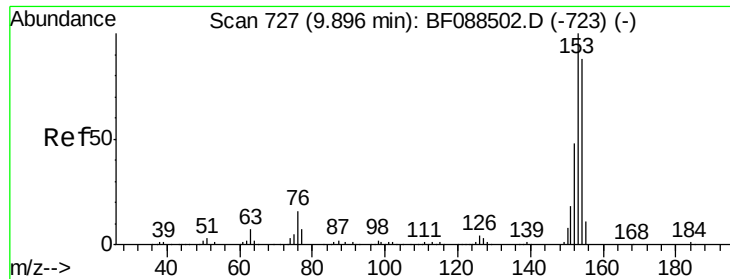
sohil
6/30/2016 7:46:35 PM



#50
2,6-Dinitrotoluene
Concen: 61.49 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion:165 Resp: 231451
Ion Ratio Lower Upper
165 100
63 77.3 45.0 67.4#
89 74.4 47.8 71.6#





#51

Acenaphthene

Concen: 62.26 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:154 Resp: 891408

Ion Ratio Lower Upper

154 100

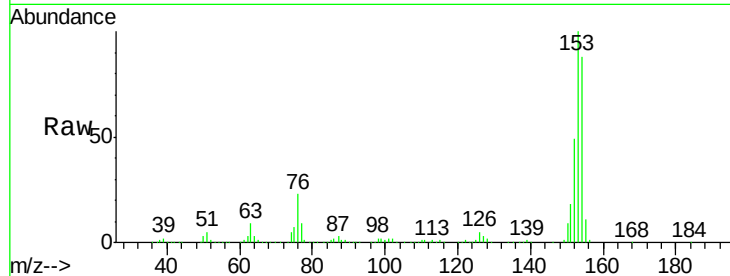
153 113.5 91.0 136.6

152 55.5 43.9 65.9

Manual Integrations

sohil

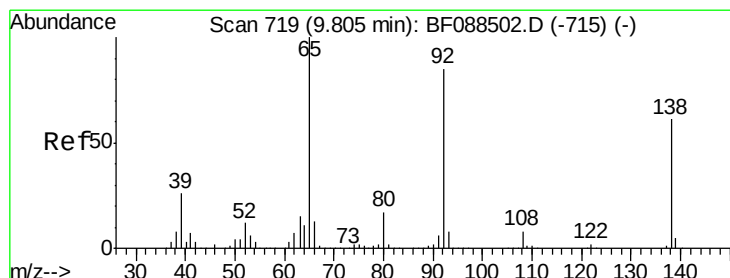
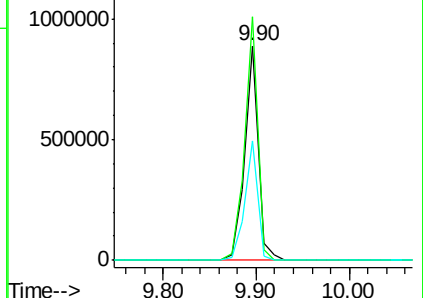
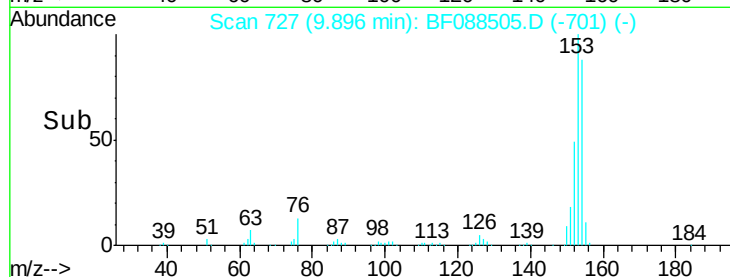
6/30/2016 7:46:35 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 71.67 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

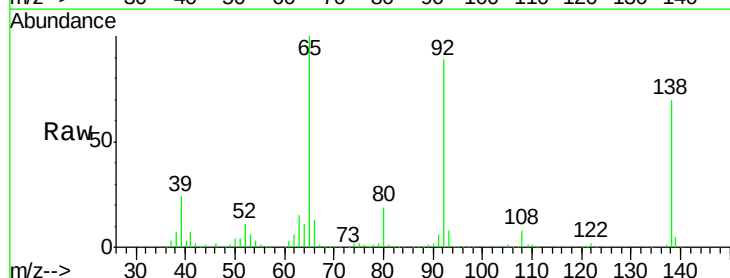
Tgt Ion:138 Resp: 296802

Ion Ratio Lower Upper

138 100

108 11.8 10.2 15.4

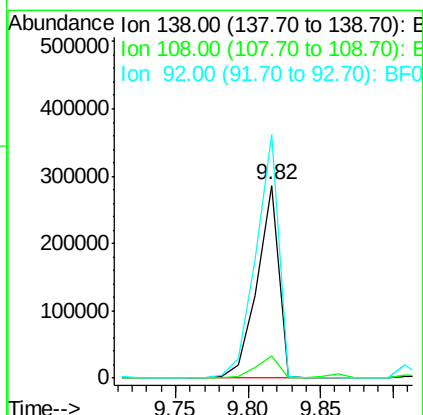
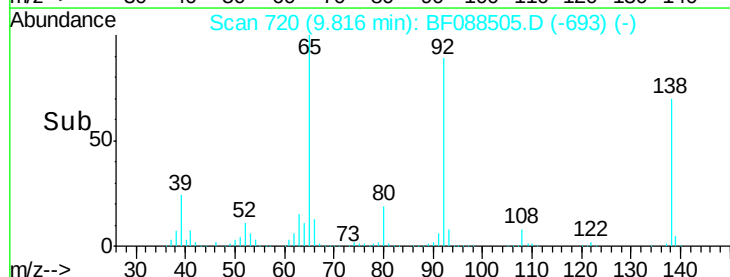
92 126.5 111.6 167.4

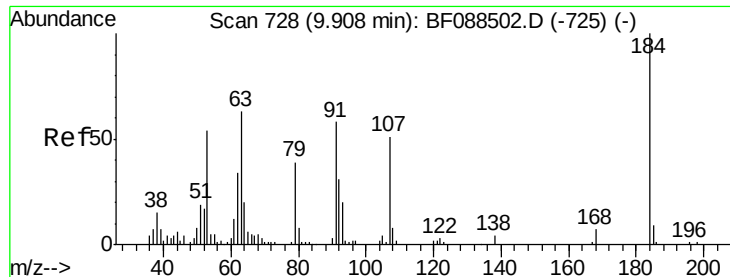


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





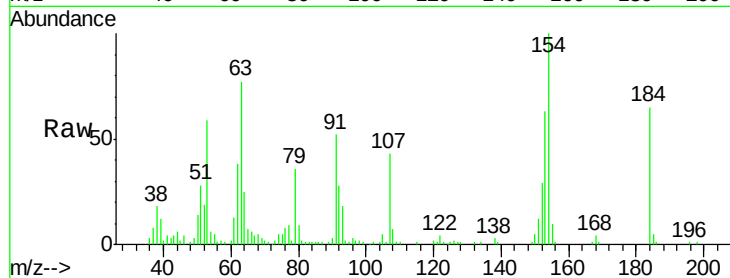
#53
2,4-Dinitrophenol
Concen: 52.29 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

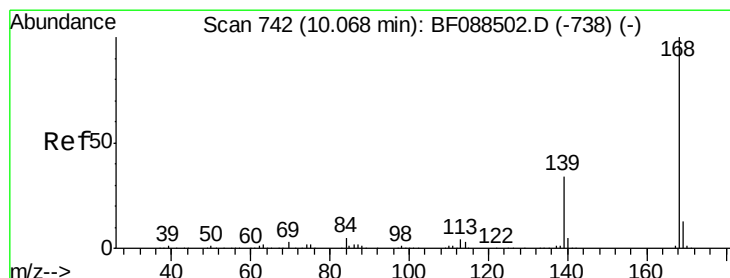
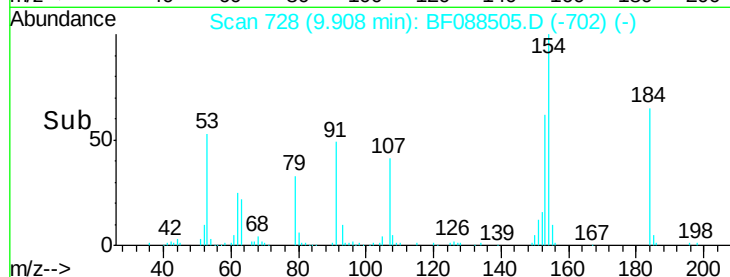
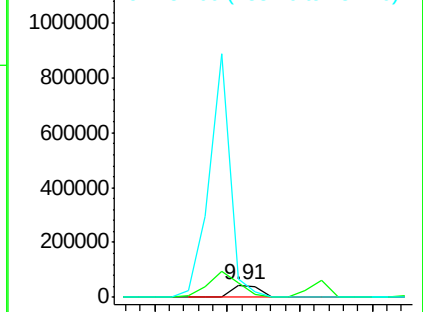
Tot Ion	Ratio	Lower	Upper
184	100		
63	118.3	60.0	90.0#
154	153.2	56.1	84.1#

Manual Integrations

sohil
6/30/2016 7:46:35 PM



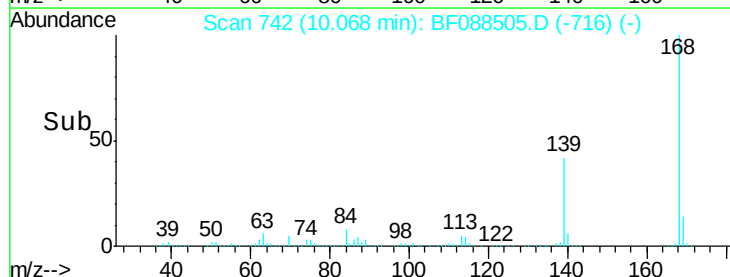
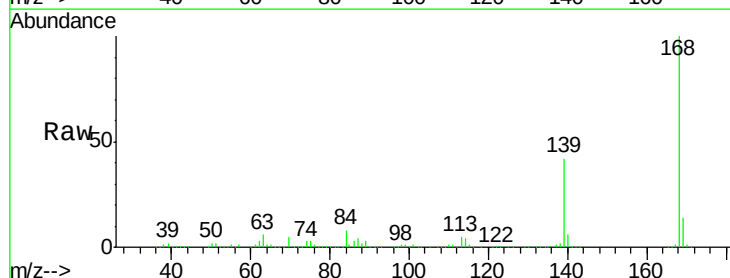
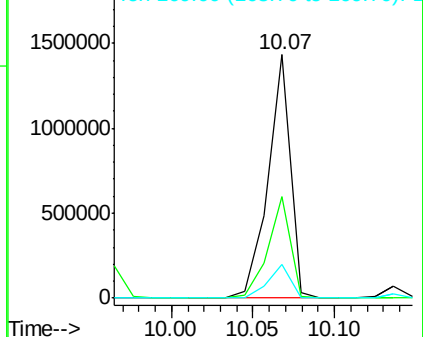
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

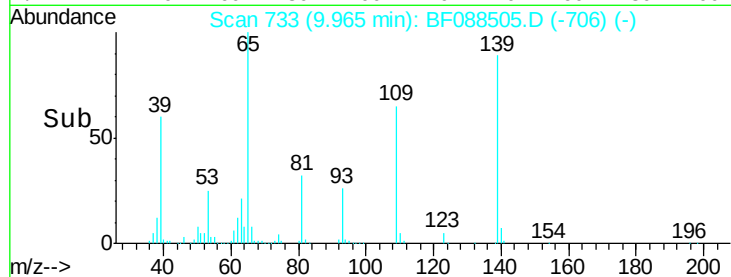
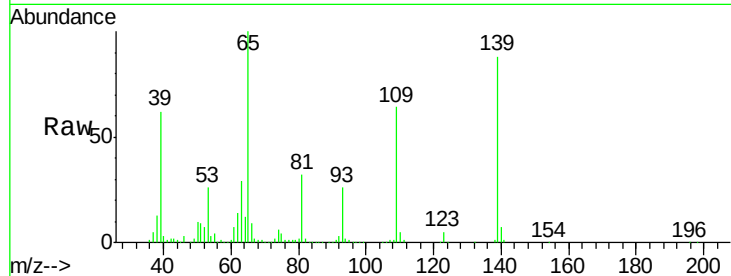
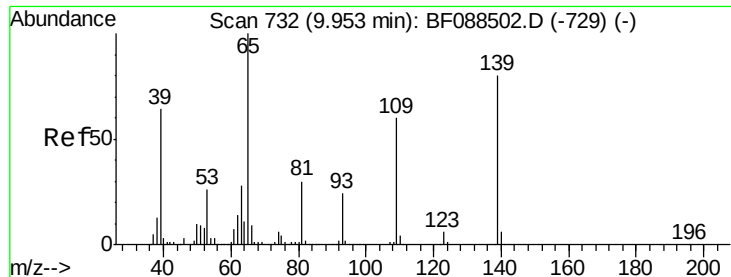


#54
Dibenzofuran
Concen: 68.95 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.8	27.1	40.7#
169	13.9	10.6	16.0

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





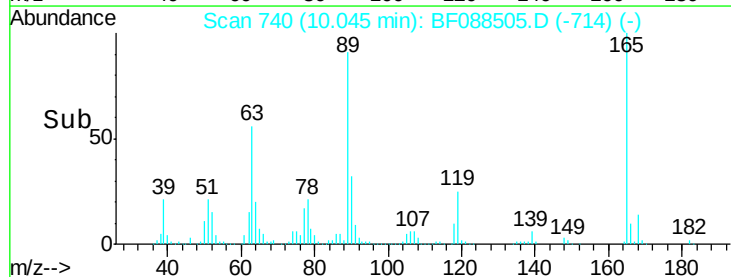
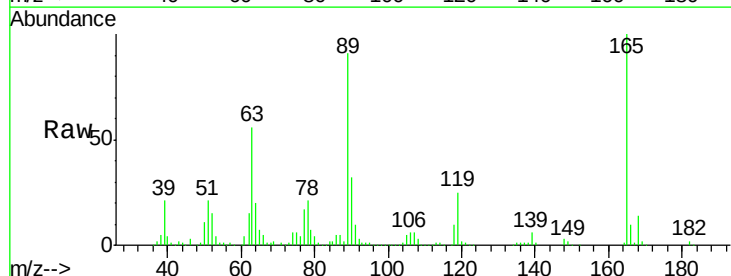
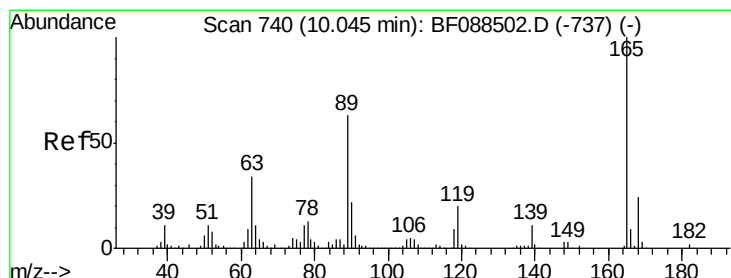
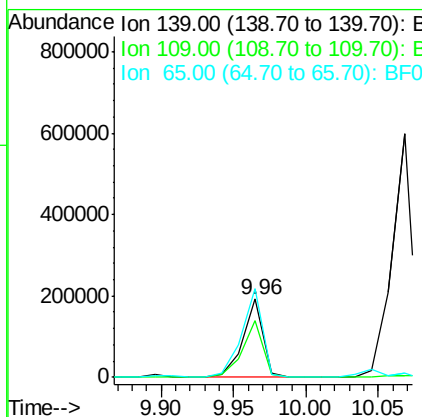
#55
4-Nitrophenol
Concen: 59.41 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tot Ion	Ratio	Resp	Lower	Upper
139	100	186214		
109	73.1	56.1	96.1	
65	113.4	105.9	145.9	

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

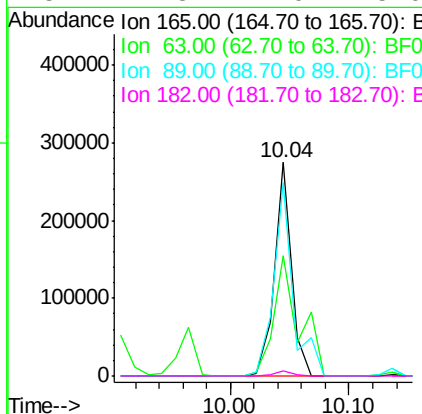
Manual Integrations

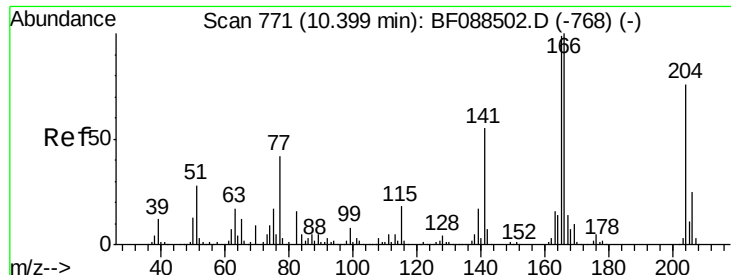
sohil
6/30/2016 7:46:35 PM



#56
2,4-Dinitrotoluene
Concen: 56.69 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	272631		
63	56.1	27.3	40.9#	
89	90.6	50.4	75.6#	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 62.98 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:166 Resp: 966945

Ion Ratio Lower Upper

166 100

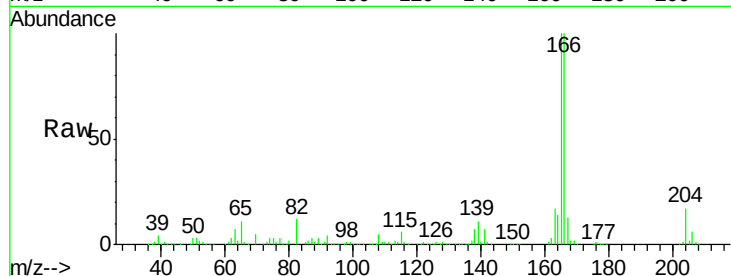
165 99.7 79.0 118.6

167 13.4 11.3 16.9

Manual Integrations

sohil

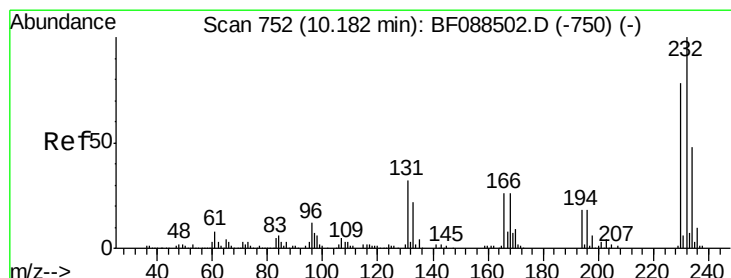
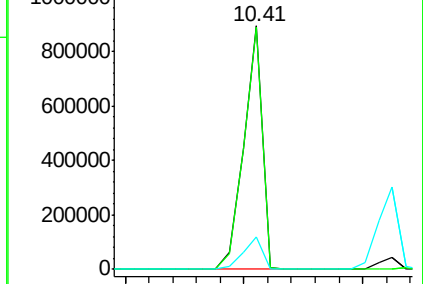
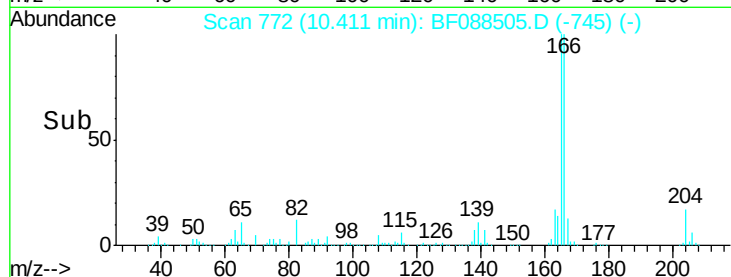
6/30/2016 7:46:35 PM



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: 65.47 ng m

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Tgt Ion:232 Resp: 233767

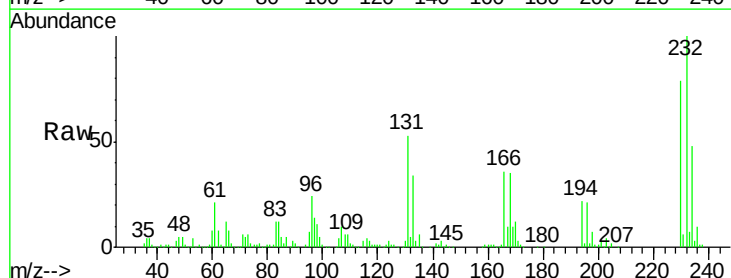
Ion Ratio Lower Upper

232 100

131 49.0 40.1 60.1

130 2.6 2.2 3.4

166 28.3 24.4 36.6

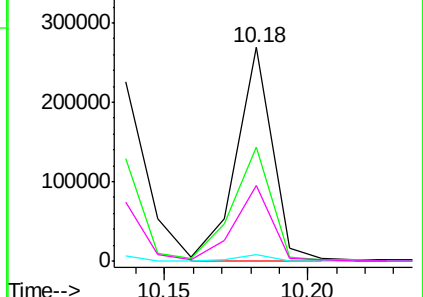
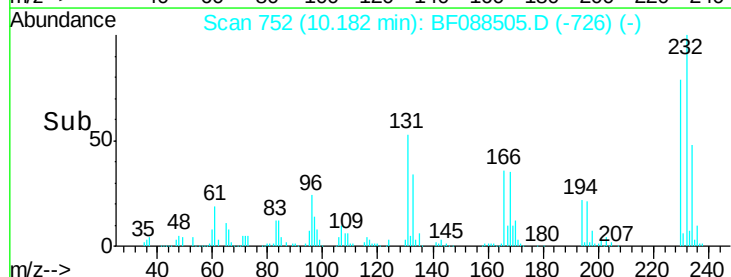


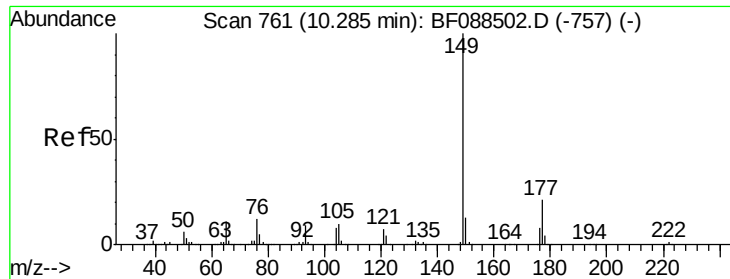
Abundance Ion 232.00 (231.70 to 232.70): E

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





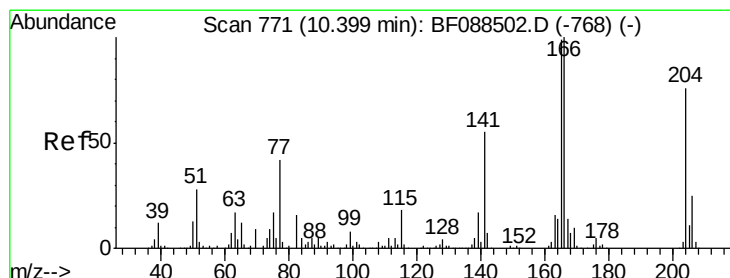
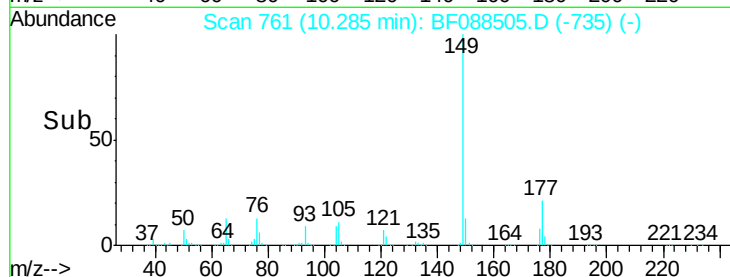
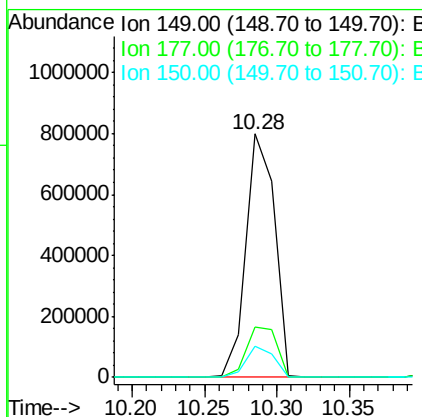
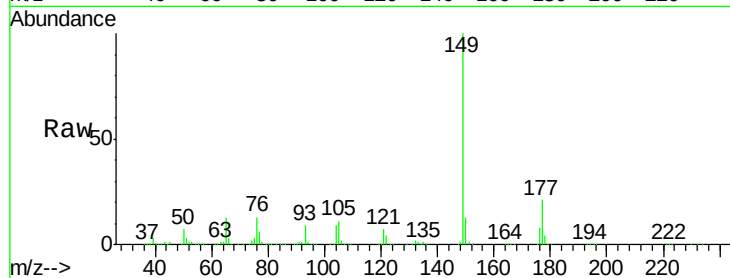
#59
Diethylphthalate
Concen: 66.47 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion:149 Resp: 1094303
Ion Ratio Lower Upper
149 100
177 20.6 16.8 25.2
150 12.9 10.3 15.5

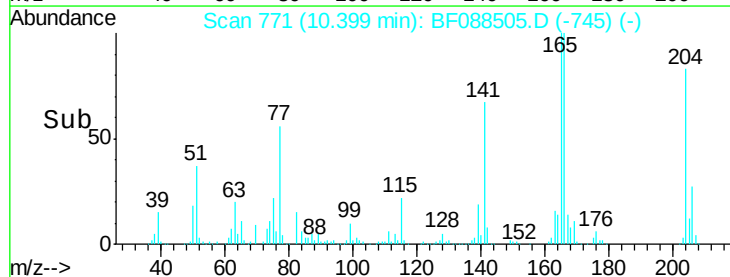
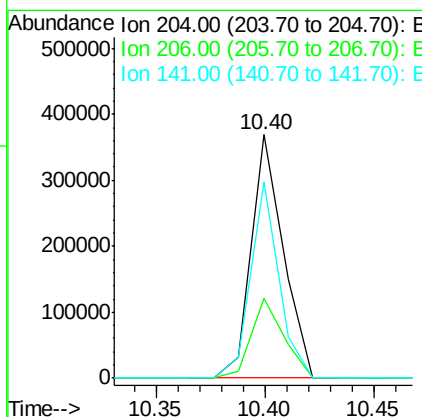
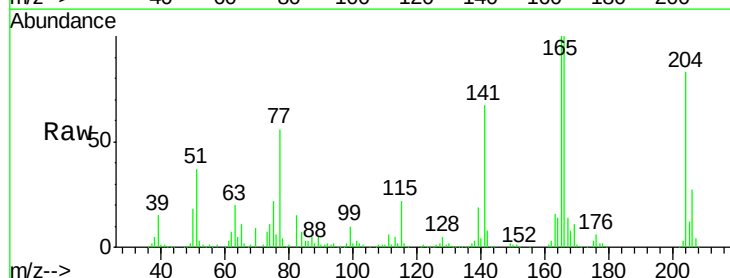
Manual Integrations

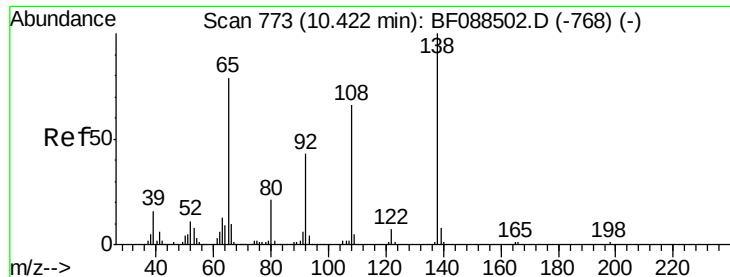
sohil
6/30/2016 7:46:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 57.39 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion:204 Resp: 377192
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 80.4 58.4 87.6





#61

4-Nitroaniline

Concen: 54.58 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:138 Resp: 214338

Ion Ratio Lower Upper

138 100

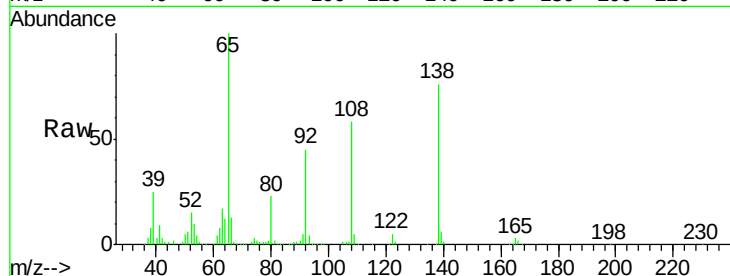
92 59.0 23.4 63.4

108 76.5 45.9 85.9

Manual Integrations

sohil

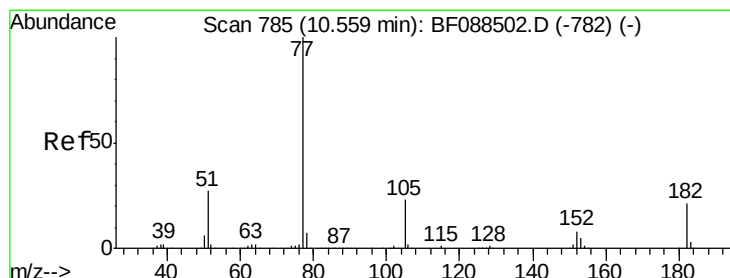
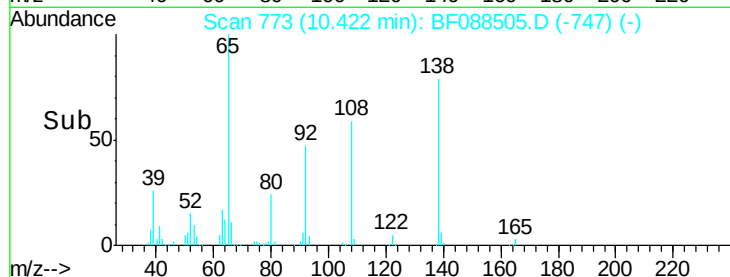
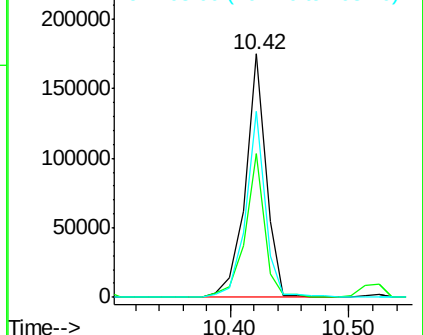
6/30/2016 7:46:35 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 77.24 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Tgt Ion: 77 Resp: 1287378

Ion Ratio Lower Upper

77 100

182 18.1 0.6 40.6

105 21.3 2.3 42.3

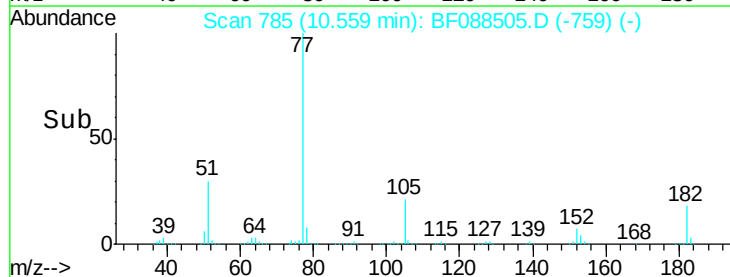
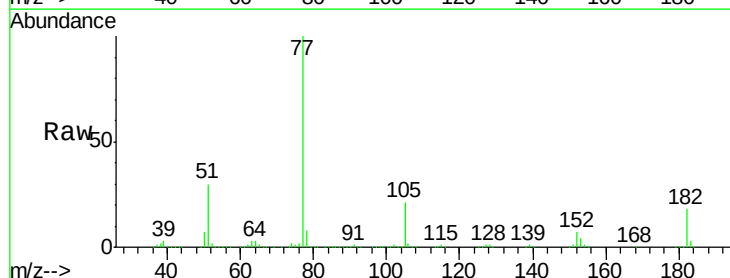
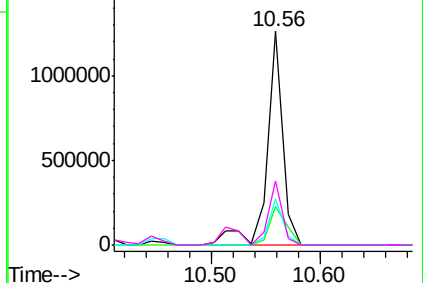
51 30.1 8.0 48.0

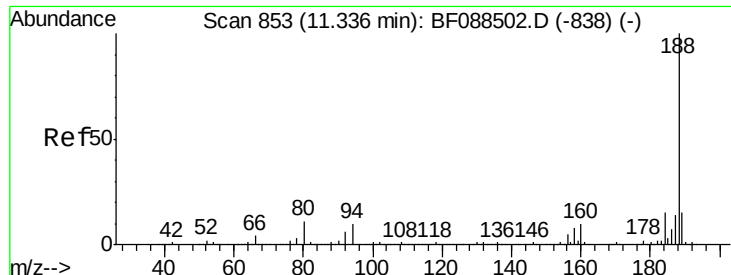
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





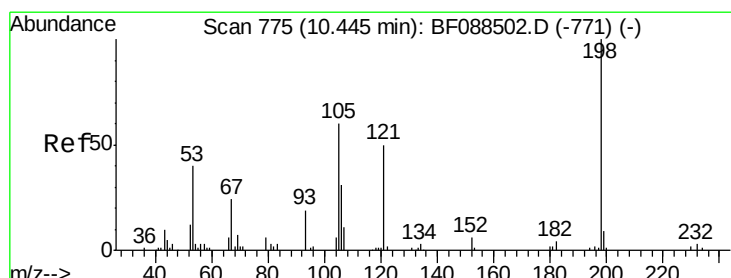
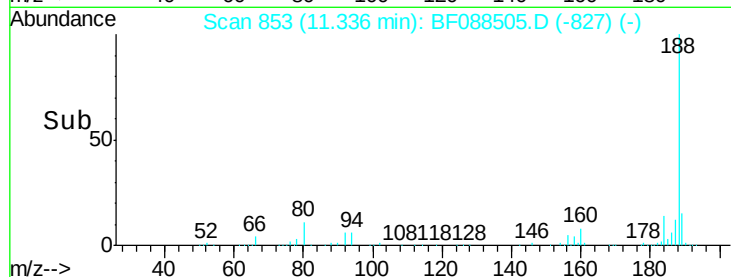
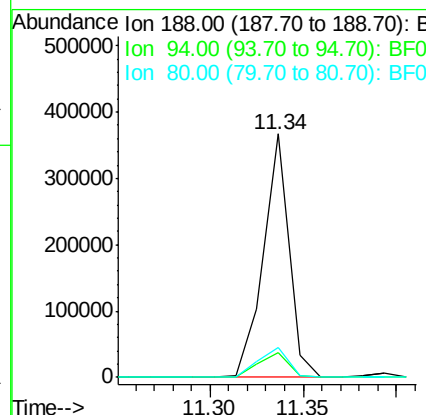
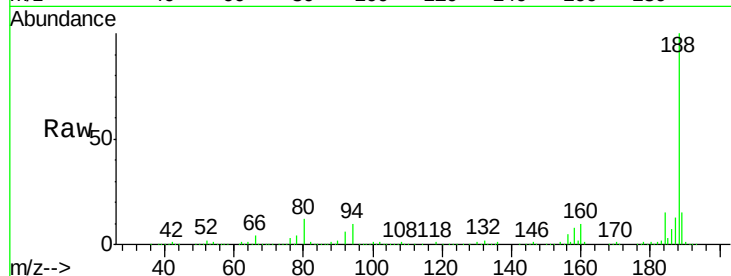
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.8
80	12.1	8.7	13.1

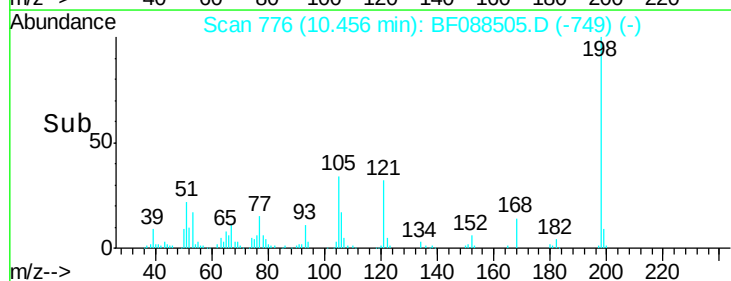
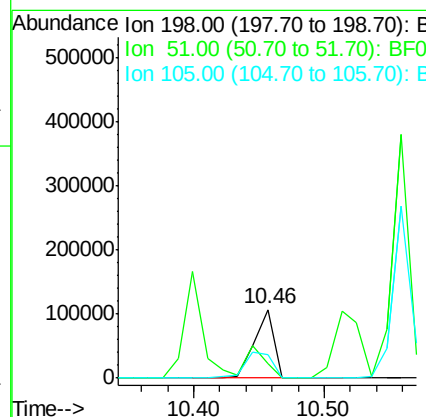
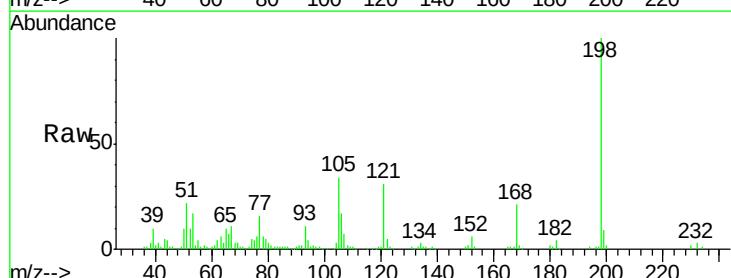
Manual Integrations

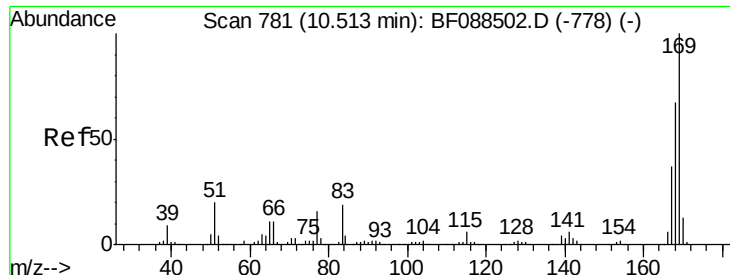
sohil
 6/30/2016 7:46:35 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 66.86 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	21.7	42.4	82.4#
105	34.1	41.2	81.2#





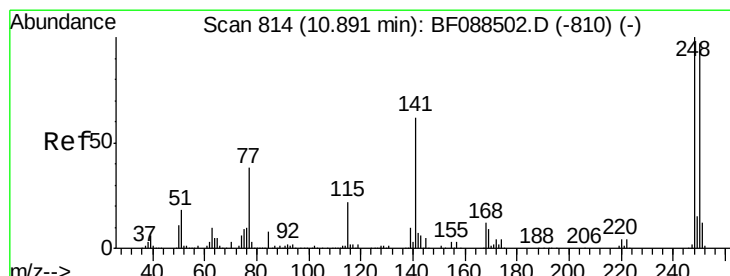
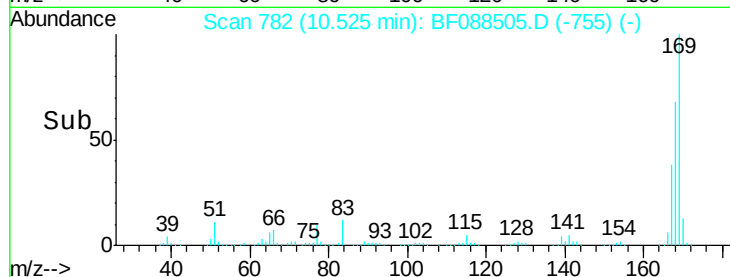
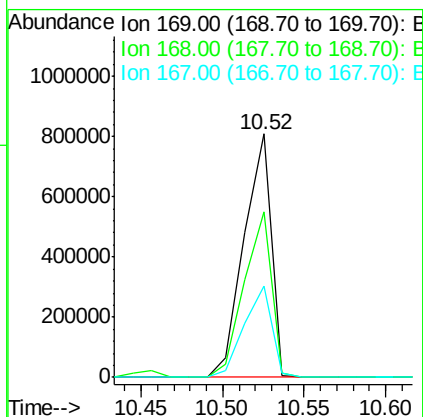
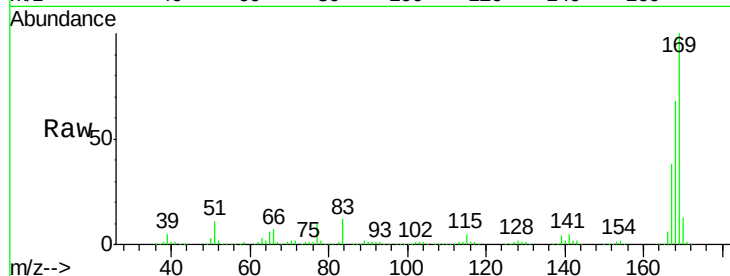
#65
 n-Nitrosodiphenylamine
 Concen: 81.89 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		935698		
168	67.9	53.3		79.9	
167	37.5	29.7		44.5	

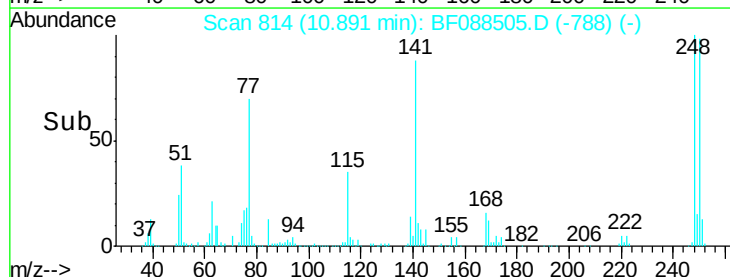
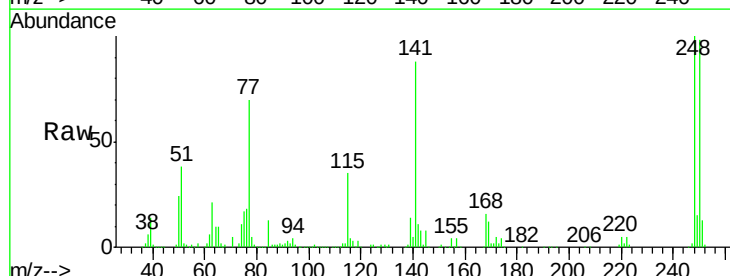
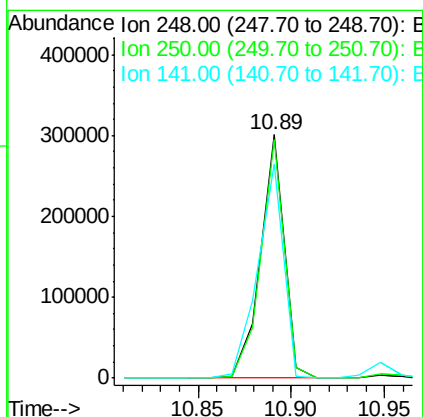
Manual Integrations

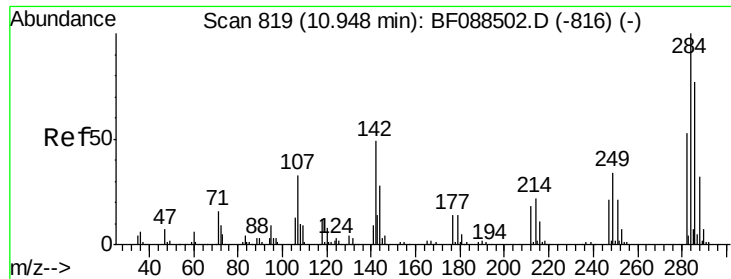
sohil
 6/30/2016 7:46:35 PM



#66
 4-Bromophenyl-phenylether
 Concen: 70.71 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		262018		
250	98.1	77.7		116.5	
141	88.1	49.2		73.8#	





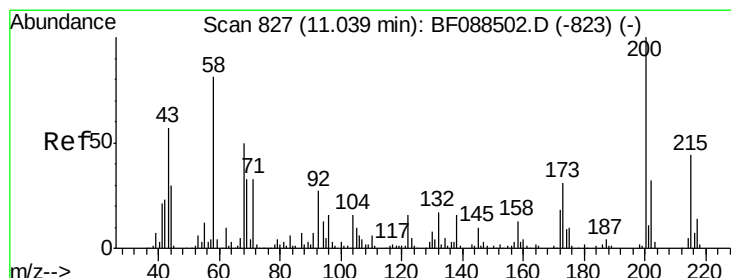
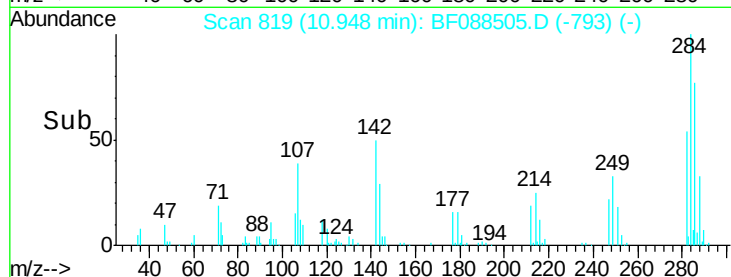
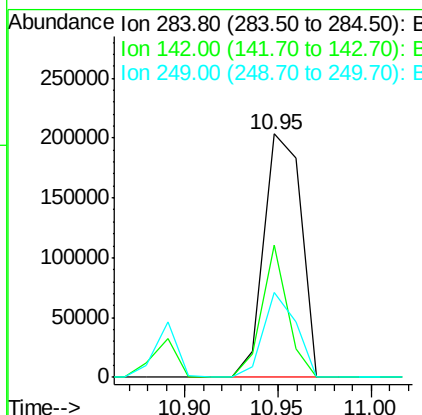
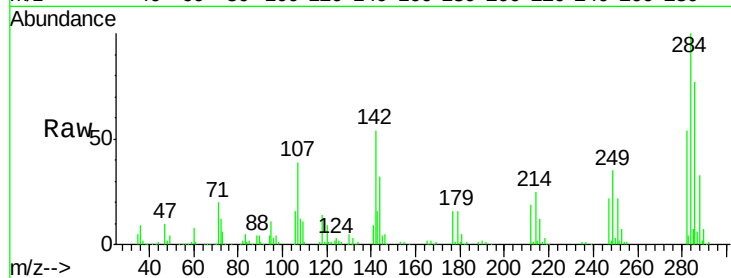
#67
Hexachlorobenzene
Concen: 72.81 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
284	100		
142	54.2	39.0	58.4
249	34.8	27.0	40.4

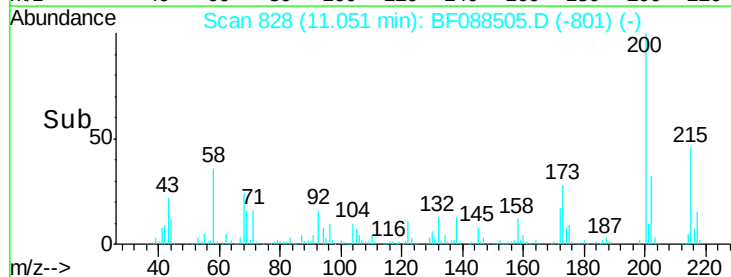
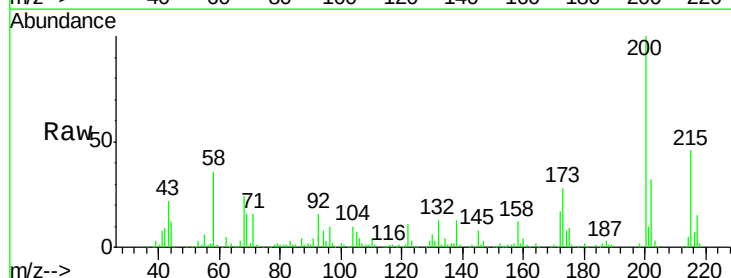
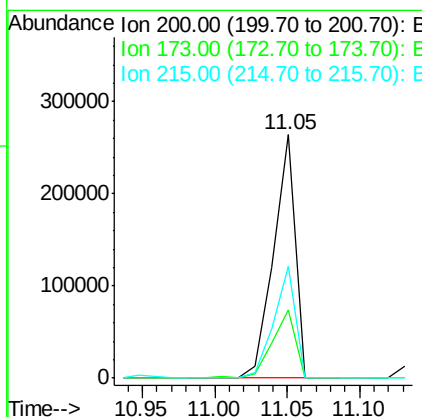
Manual Integrations

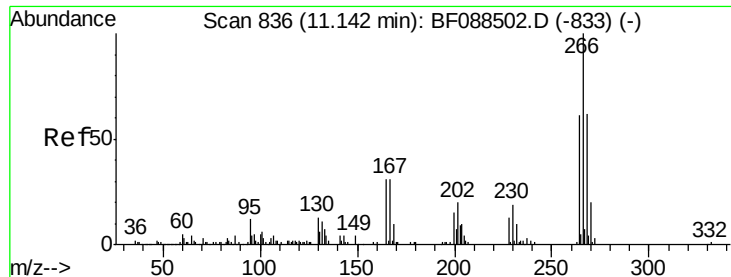
sohil
6/30/2016 7:46:35 PM



#68
Atrazine
Concen: 79.86 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	11.0	51.0
215	46.0	24.1	64.1





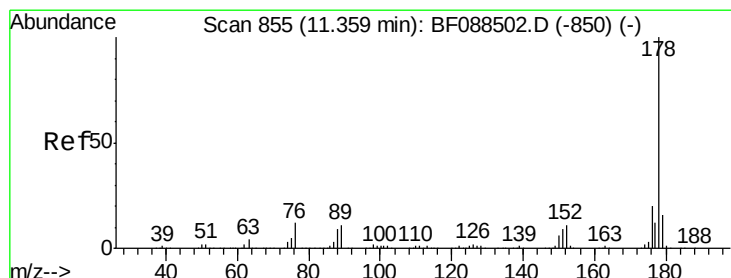
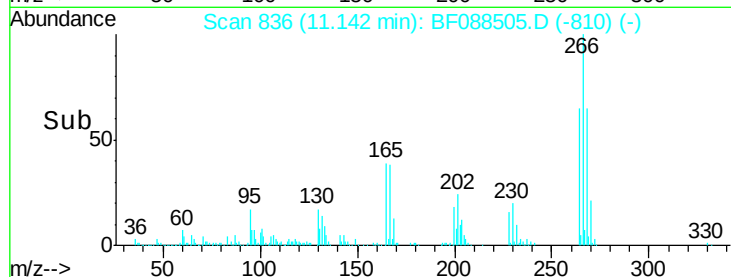
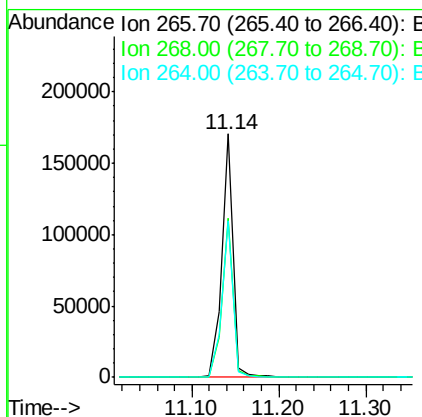
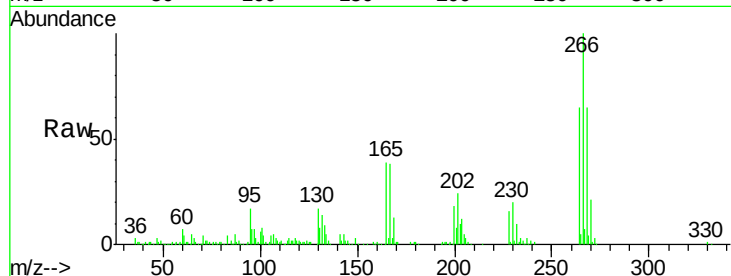
#69
 Pentachlorophenol
 Concen: 80.41 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	49.4	74.2
264	64.5	49.0	73.4

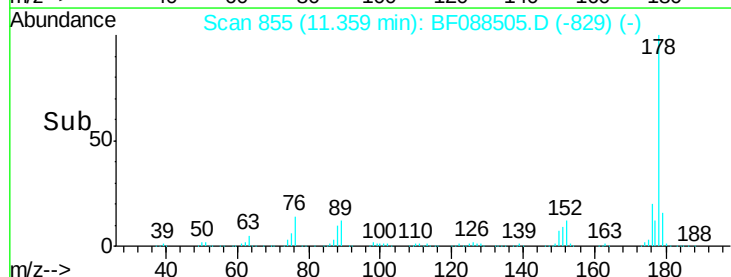
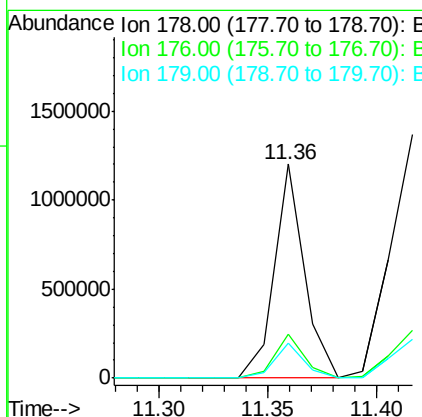
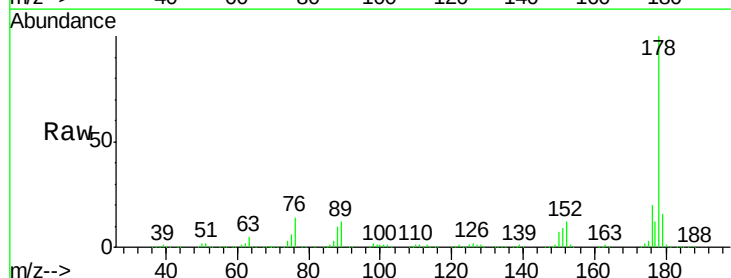
Manual Integrations

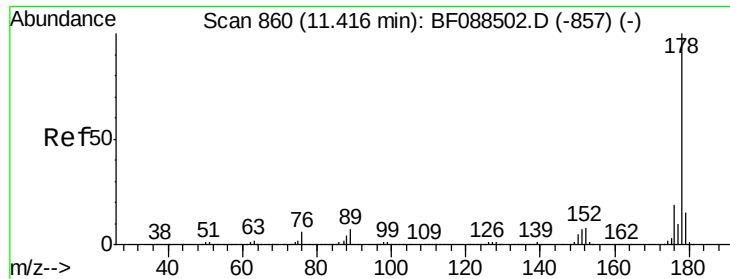
sohil
 6/30/2016 7:46:35 PM



#70
 Phenanthrene
 Concen: 63.80 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	16.4	12.8	19.2





#71
 Anthracene
 Concen: 77.71 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

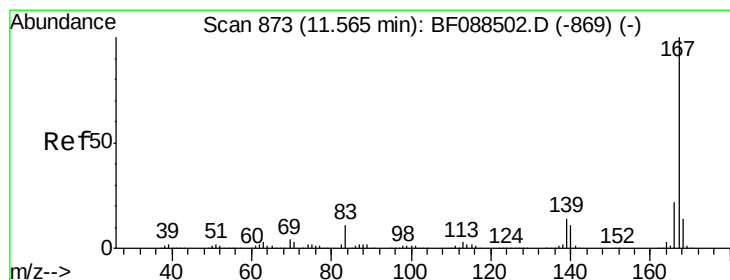
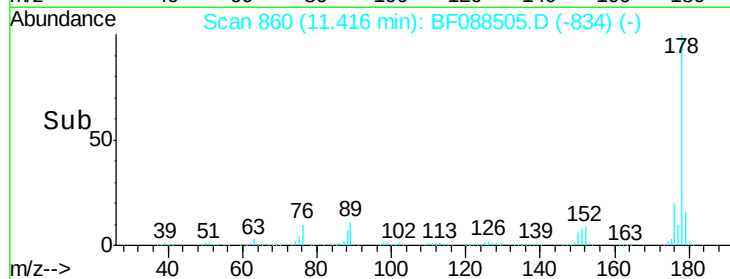
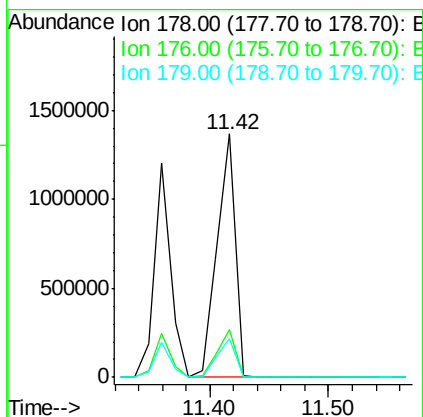
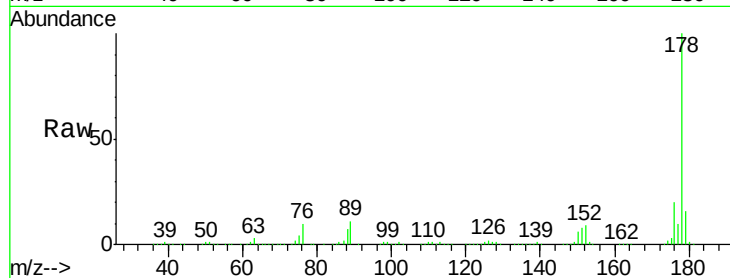
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 1427326

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.2	22.8
179	15.9	12.3	18.5

Manual Integrations

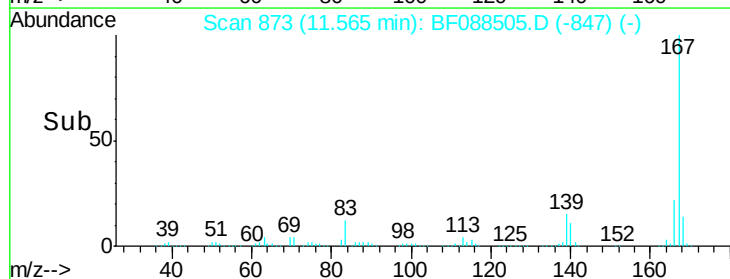
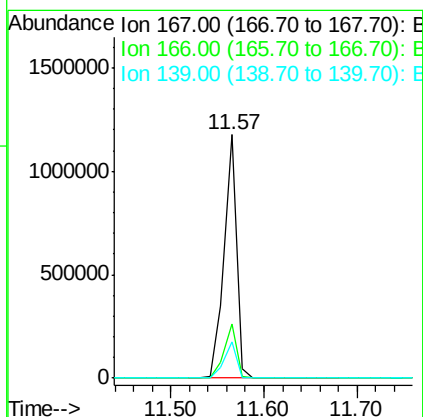
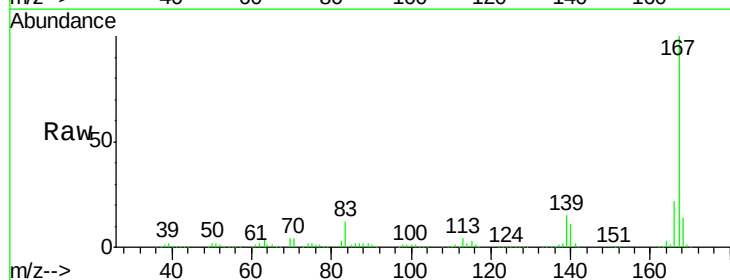
sohil
 6/30/2016 7:46:35 PM

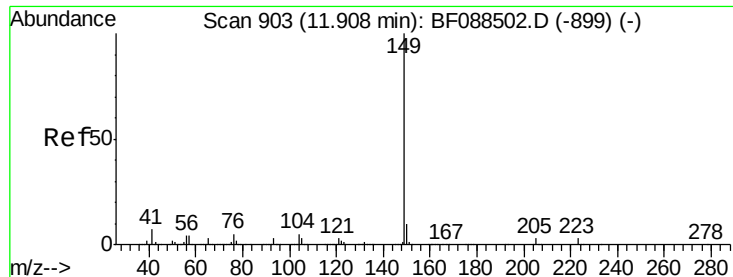


#72
 Carbazole
 Concen: 62.93 ng
 RT: 11.57 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion:167 Resp: 1091679

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	14.7	11.2	16.8





#73

Di-n-butylphthalate

Concen: 65.01 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1408888

Ion Ratio Lower Upper

149 100

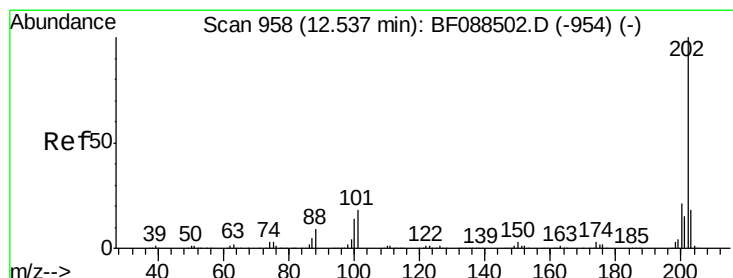
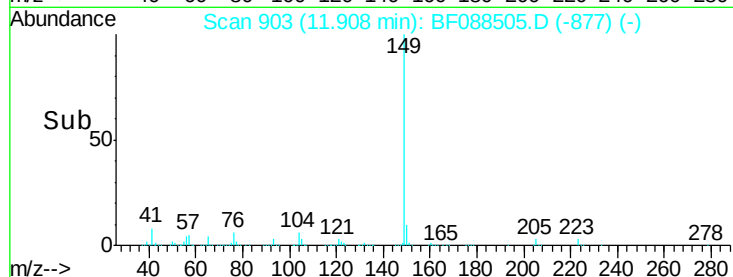
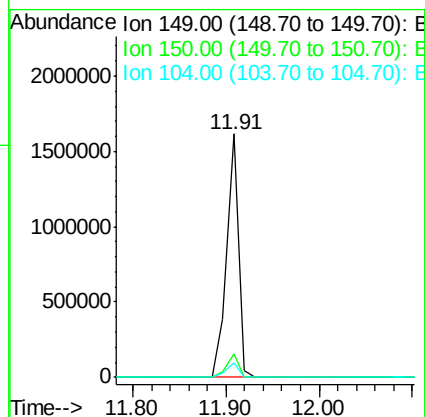
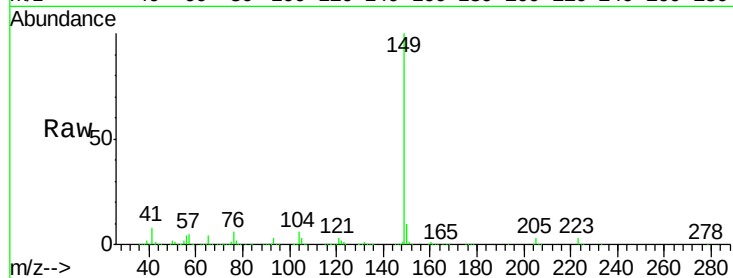
150 9.8 7.7 11.5

104 5.8 4.4 6.6

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#74

Fluoranthene

Concen: 62.10 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

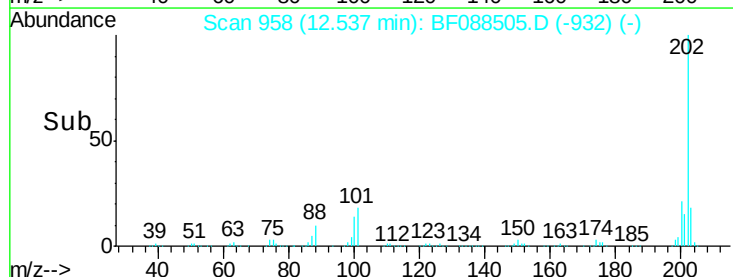
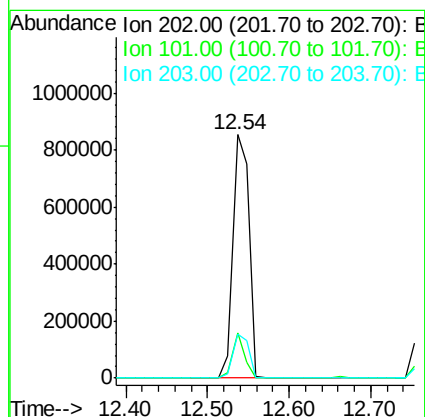
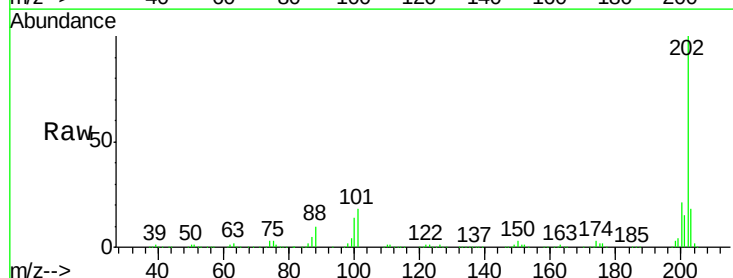
Tgt Ion:202 Resp: 1161458

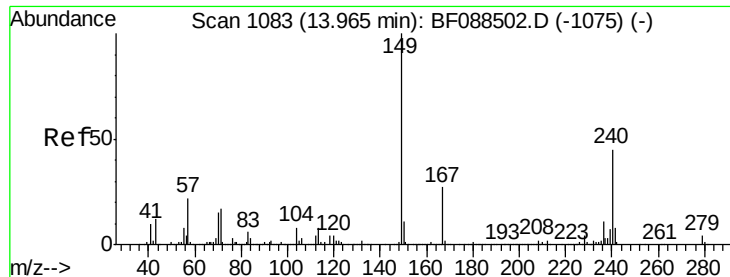
Ion Ratio Lower Upper

202 100

101 18.5 0.0 38.1

203 18.2 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:240 Resp: 195790

Ion Ratio Lower Upper

240 100

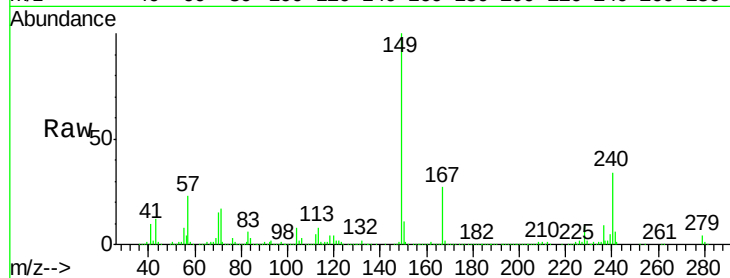
120 11.1 7.1 10.7#

236 26.1 20.3 30.5

Manual Integrations

sohil

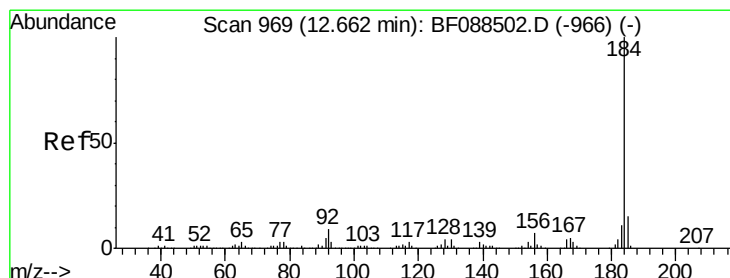
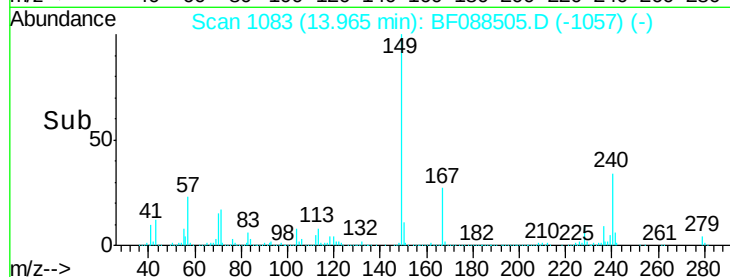
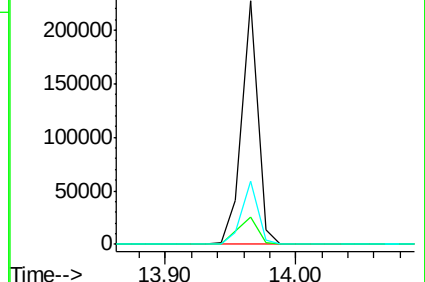
6/30/2016 7:46:35 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 79.08 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

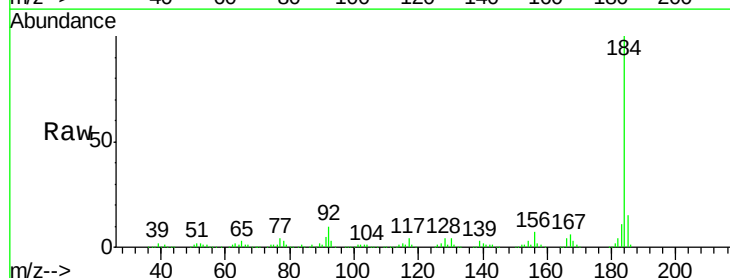
Tgt Ion:184 Resp: 443983

Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

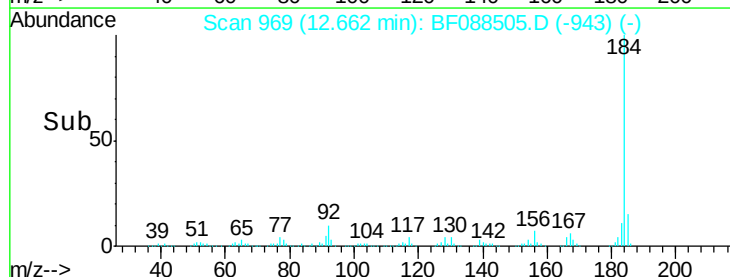
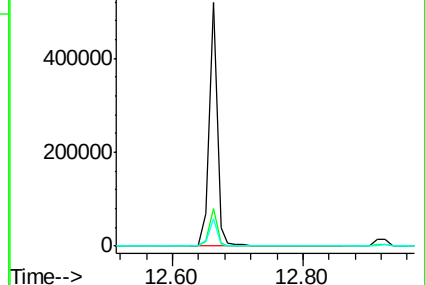
183 11.4 9.1 13.7

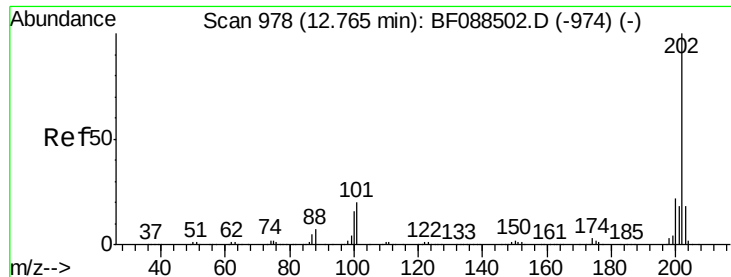


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 72.31 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:202 Resp: 1085364

Ion Ratio Lower Upper

202 100

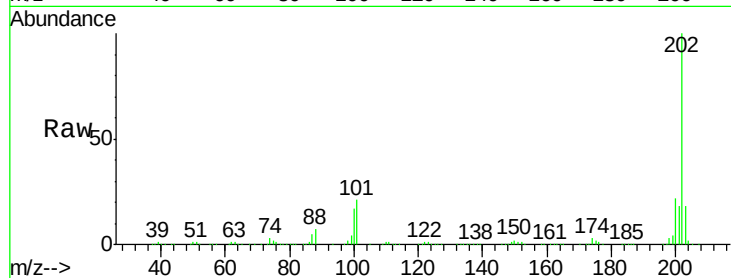
200 22.0 17.5 26.3

203 18.3 14.7 22.1

Manual Integrations

sohil

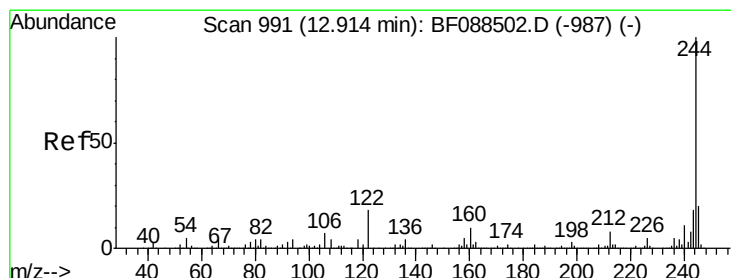
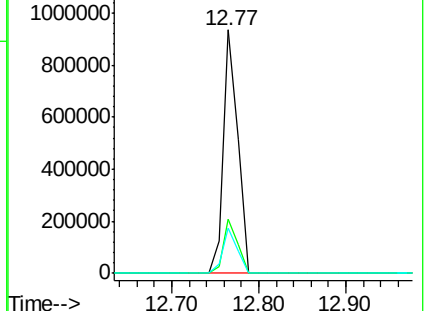
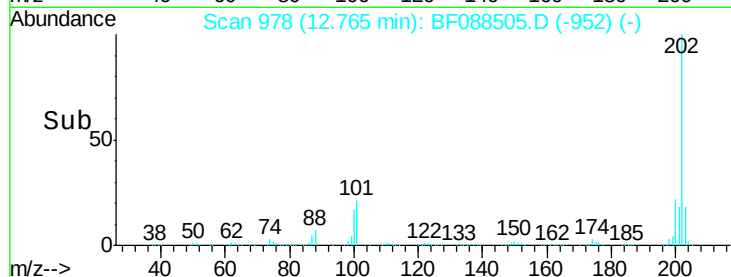
6/30/2016 7:46:35 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 142.85 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

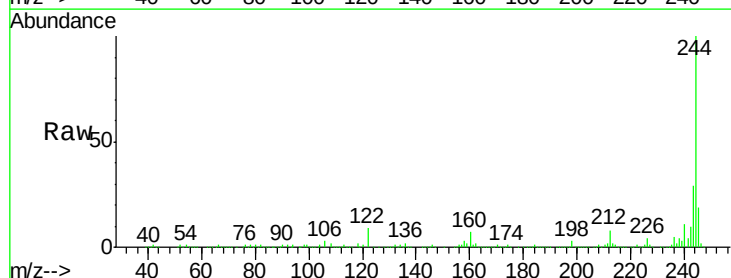
Tgt Ion:244 Resp: 1270344

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

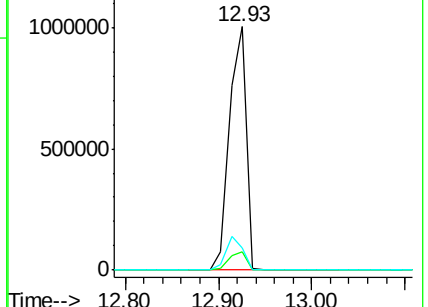
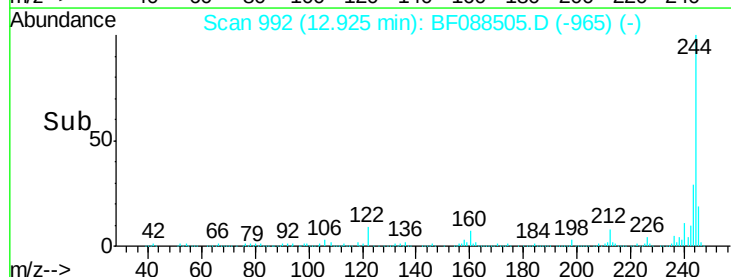
122 9.2 14.8 22.2#

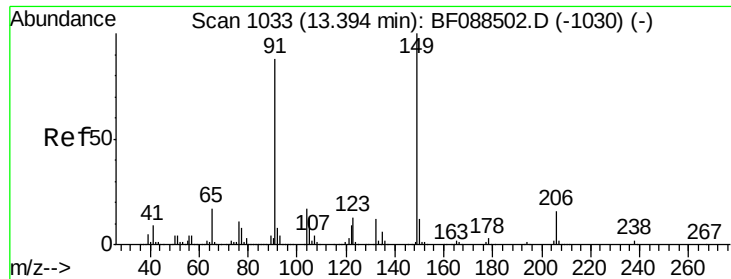


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 74.77 ng

RT: 13.39 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF088505.D

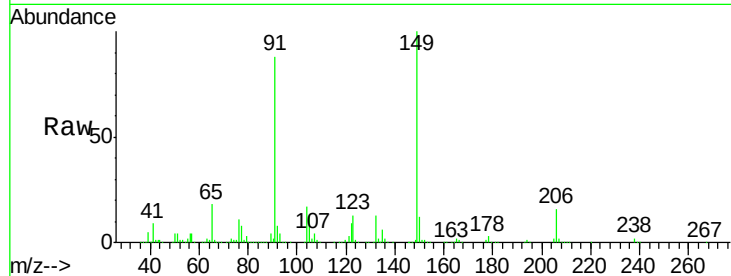
Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

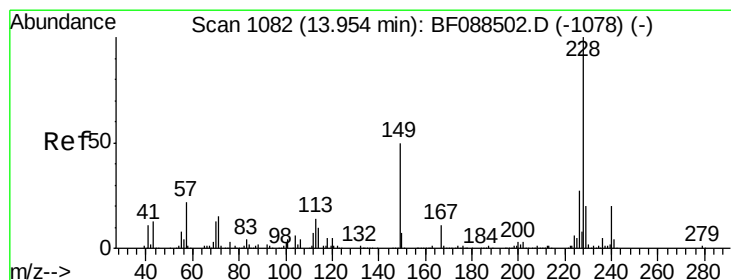
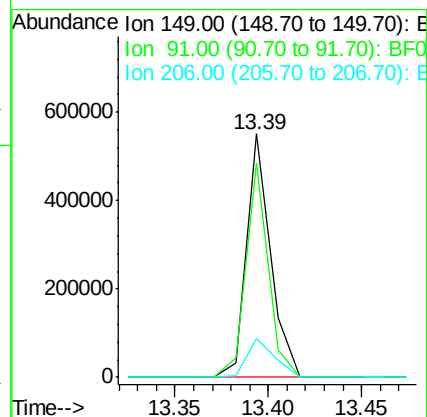


Tot Ion:	149	Resp:	493641
Ion Ratio	Lower	Upper	
149	100		
91	88.0	70.6	106.0
206	16.2	12.7	19.1

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#80

Benzo(a)anthracene

Concen: 78.74 ng

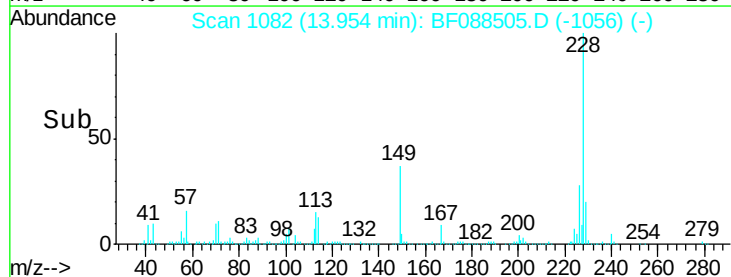
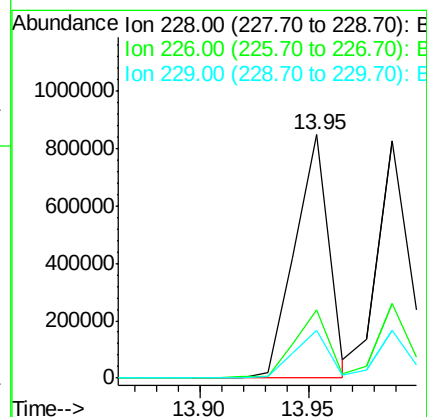
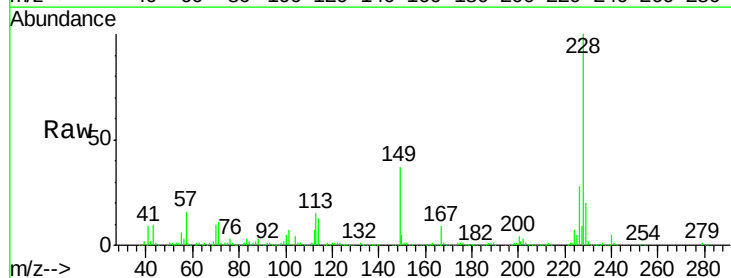
RT: 13.95 min Scan# 1082

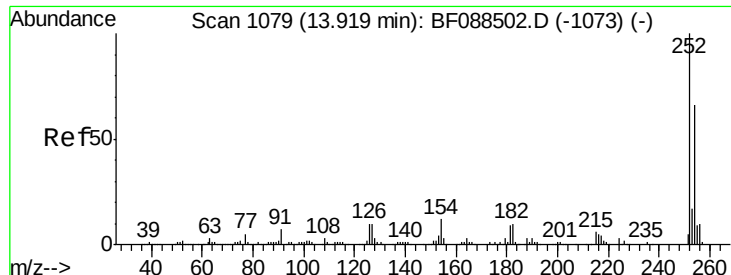
Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Tgt Ion:	228	Resp:	925397
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.0	33.0
229	19.9	15.8	23.6





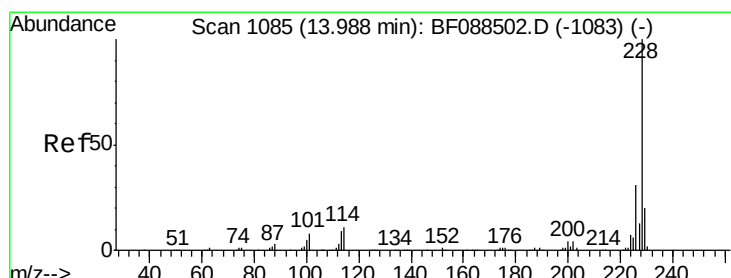
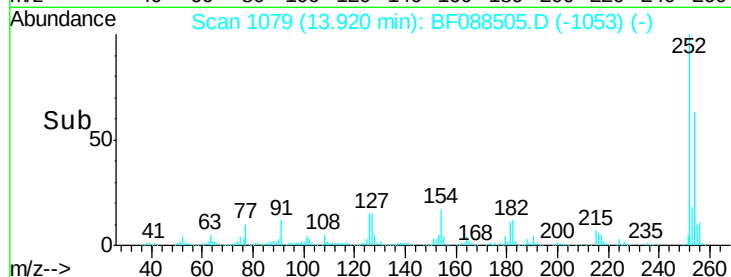
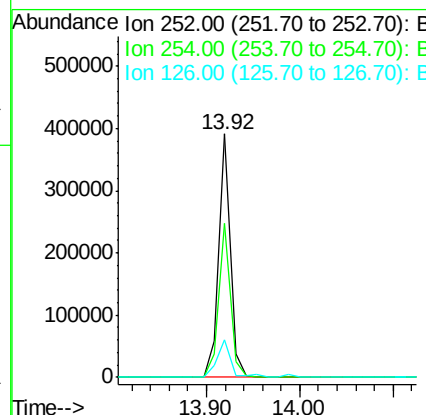
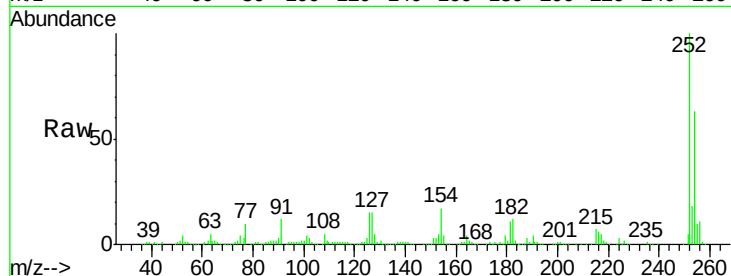
#81
 3,3'-Dichlorobenzidine
 Concen: 105.81 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.6	78.8
126	15.3	8.2	12.4

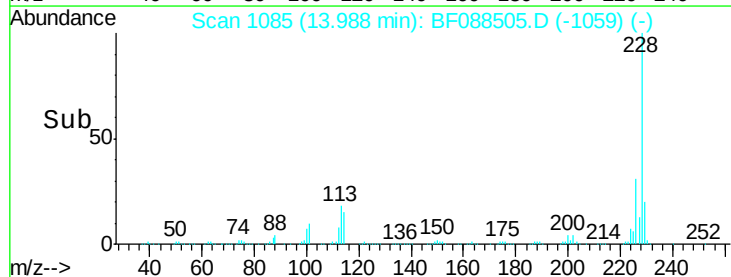
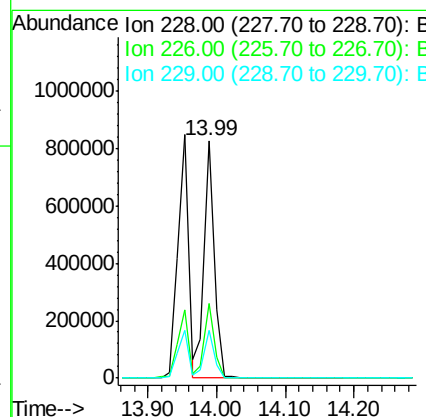
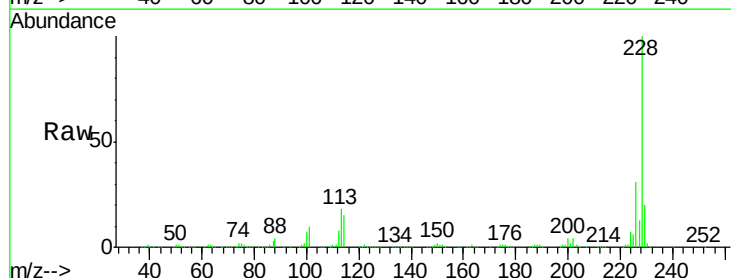
Manual Integrations

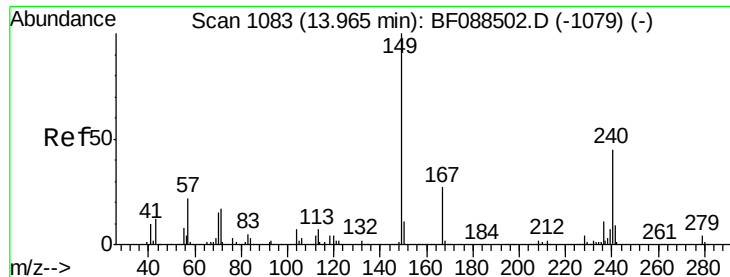
sohil
 6/30/2016 7:46:35 PM



#82
 Chrysene
 Concen: 76.69 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	20.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 83.29 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 693845

Ion Ratio Lower Upper

149 100

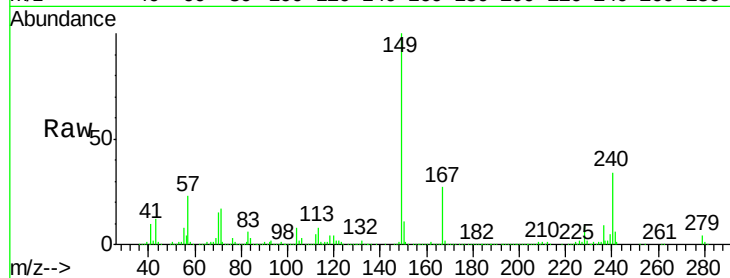
167 27.1 21.3 31.9

279 3.7 3.0 4.4

Manual Integrations

sohil

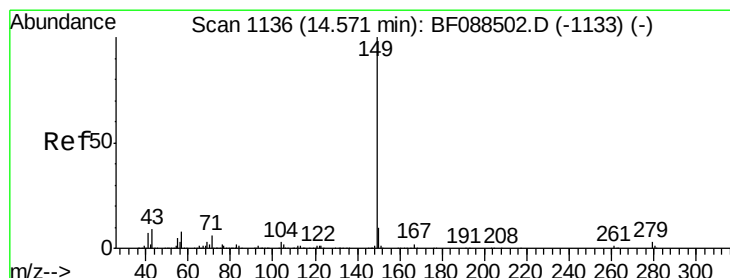
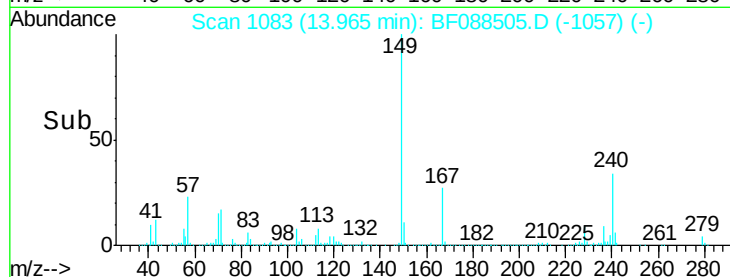
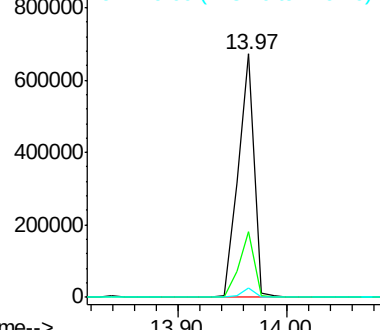
6/30/2016 7:46:35 PM



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: 94.05 ng

RT: 14.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

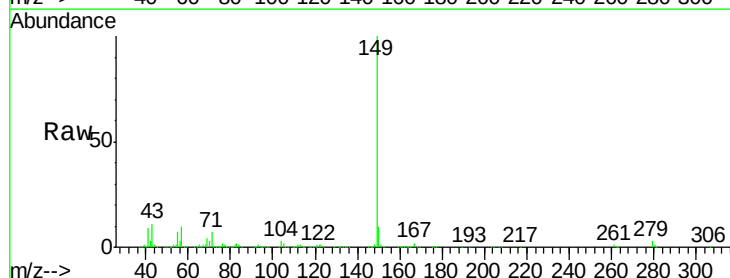
Tgt Ion:149 Resp: 1266695

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

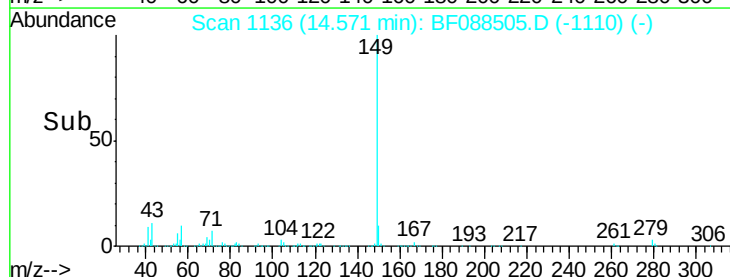
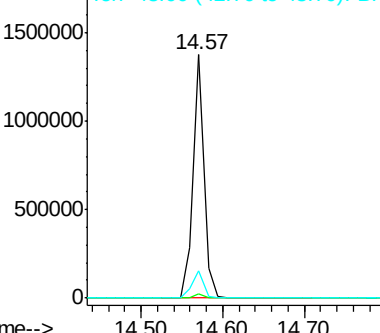
43 11.9 0.0 0.0#

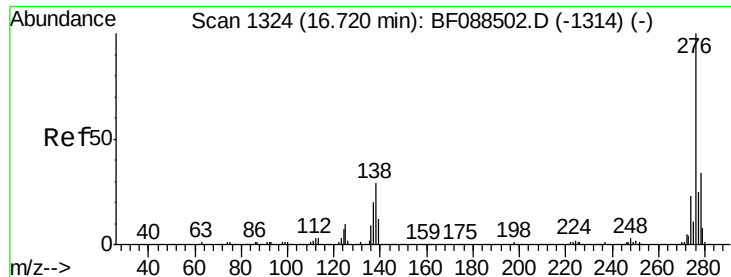


Abundance Ion 149.00 (148.70 to 149.70): E

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: 128.55 ng

RT: 16.73 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:276 Resp: 1357863

Ion Ratio Lower Upper

276 100

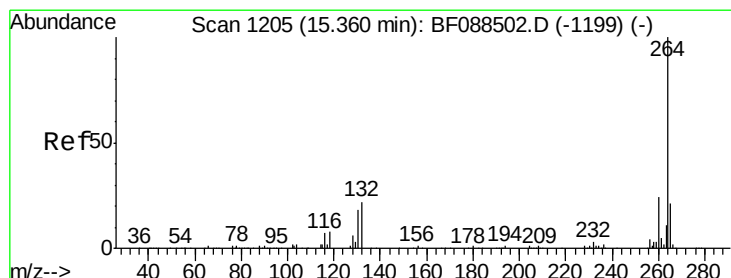
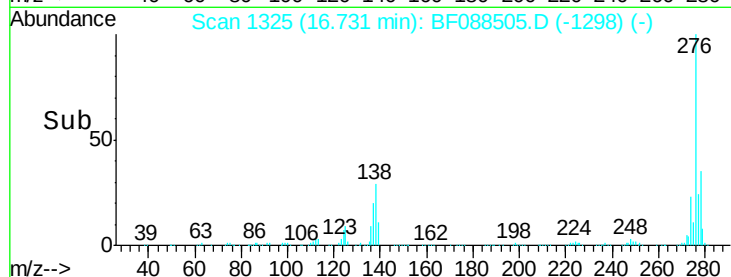
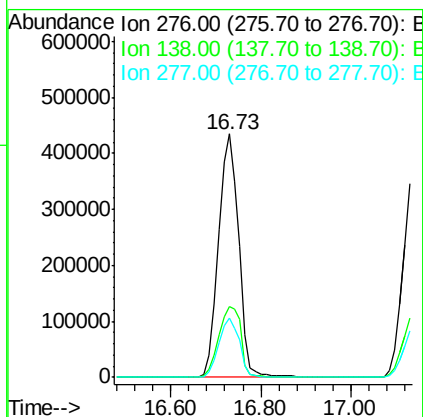
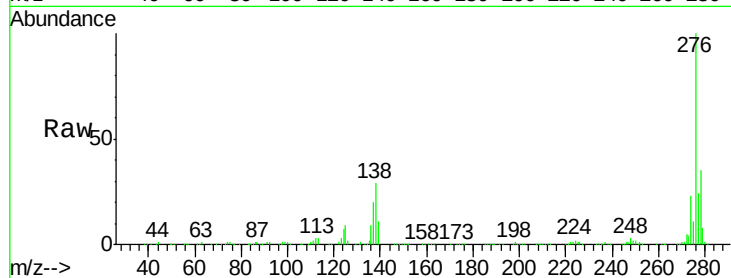
138 32.1 0.0 0.0#

277 25.0 0.0 0.0#

Manual Integrations

sohil

6/30/2016 7:46:35 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF088505.D

Acq: 29 Jun 2016 21:03

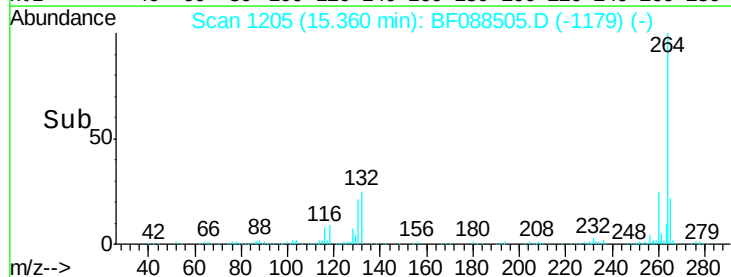
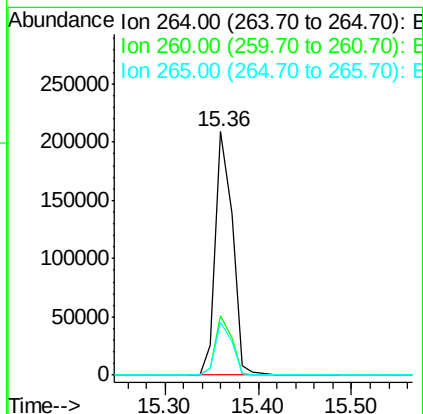
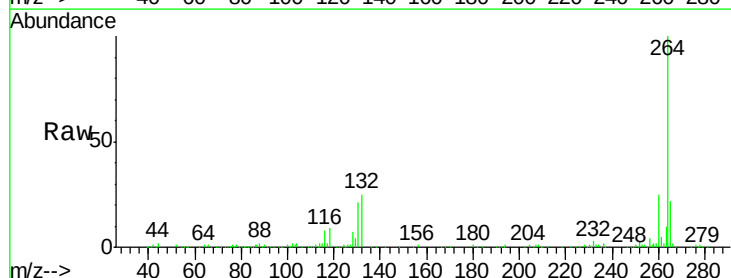
Tgt Ion:264 Resp: 266396

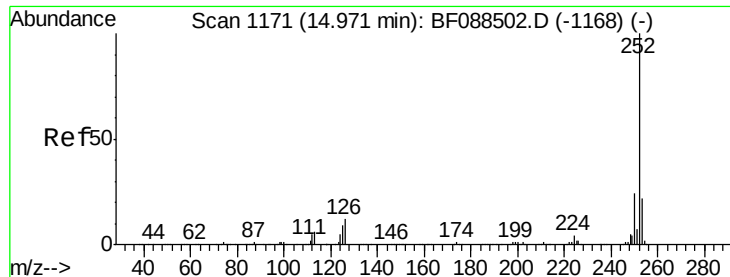
Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.8 17.1 25.7





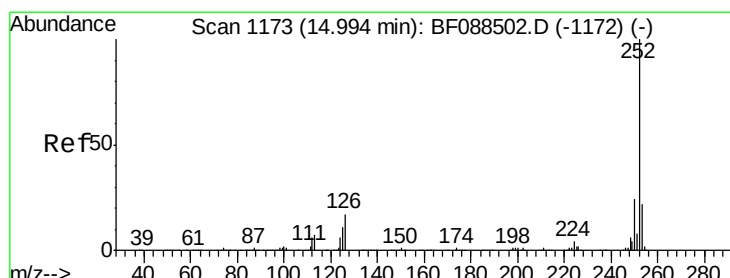
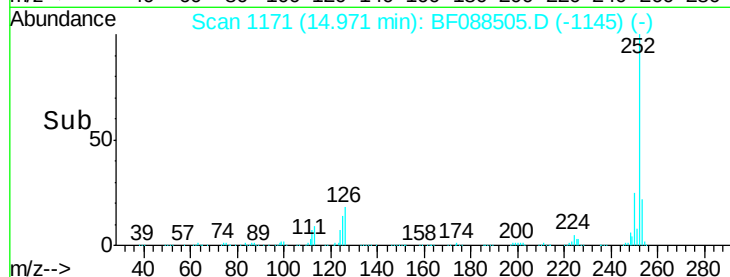
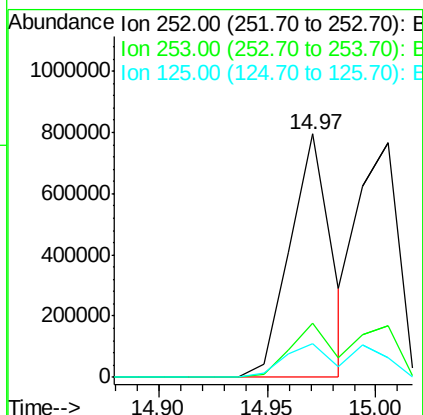
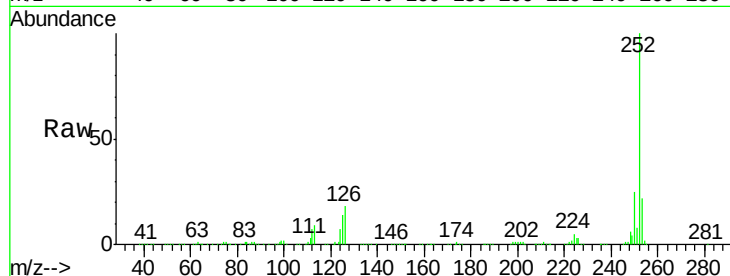
#87
Benzo(b)fluoranthene
Concen: 58.00 ng
RT: 14.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tot Ion:252 Resp: 1053782
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 13.6 7.4 11.2#

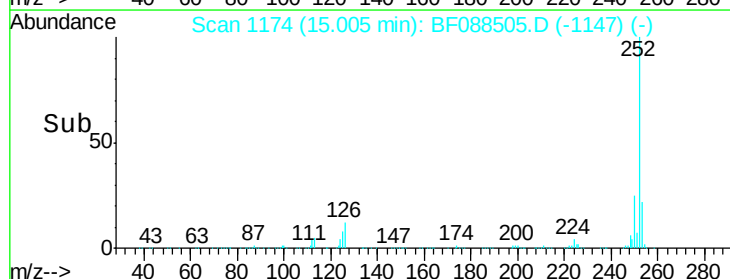
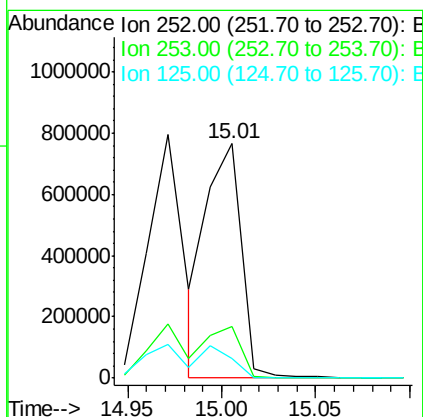
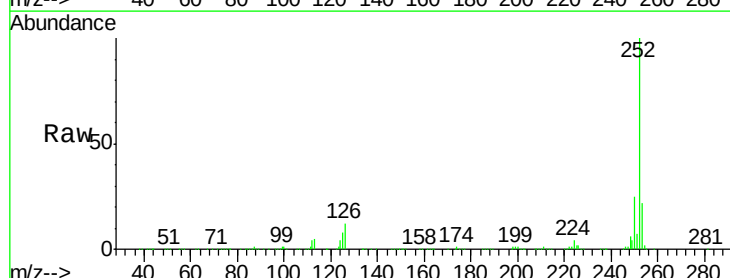
Manual Integrations

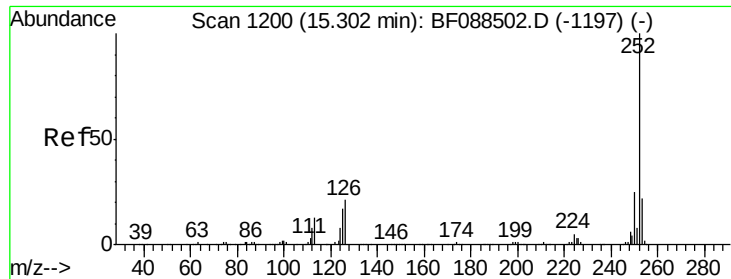
sohil
6/30/2016 7:46:35 PM



#88
Benzo(k)fluoranthene
Concen: 70.02 ng m
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion:252 Resp: 990661
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.3 11.1 16.7#





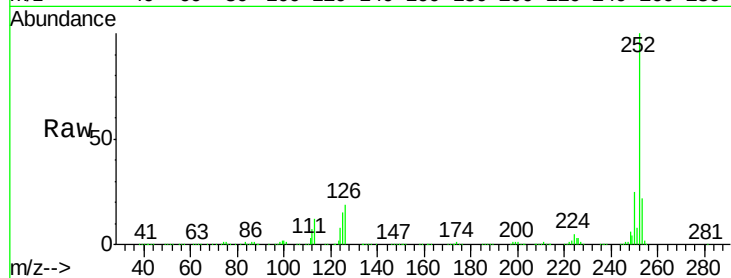
#89
Benzo(a)pyrene
Concen: 69.08 ng
RT: 15.31 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_F
ClientSampled :
SSTDIC080

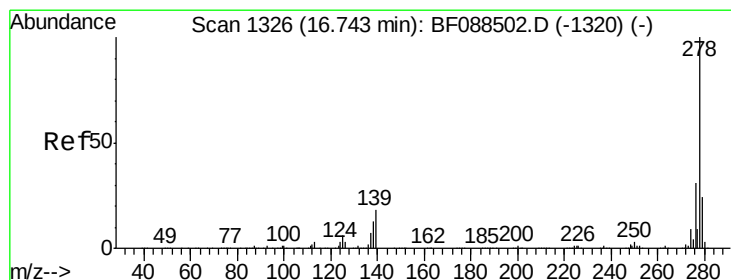
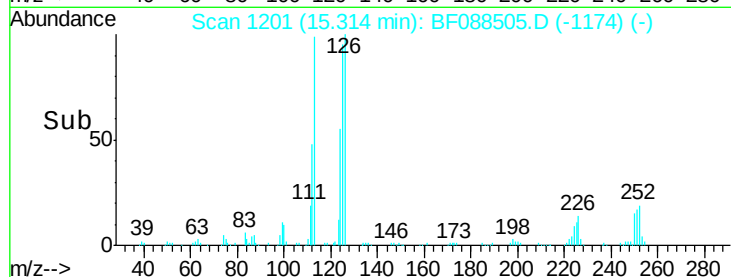
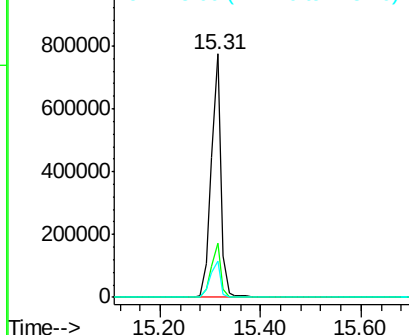
Tot Ion:252 Resp: 1031046
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 15.0 13.4 20.0

Manual Integrations

sohil
6/30/2016 7:46:35 PM



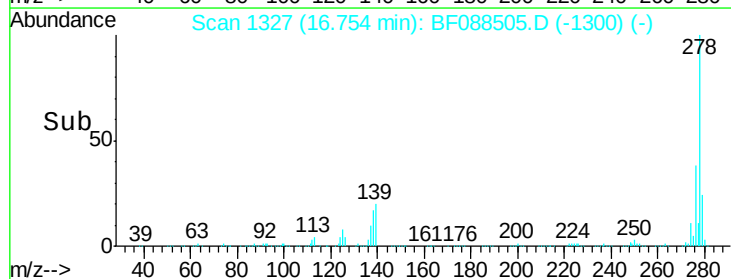
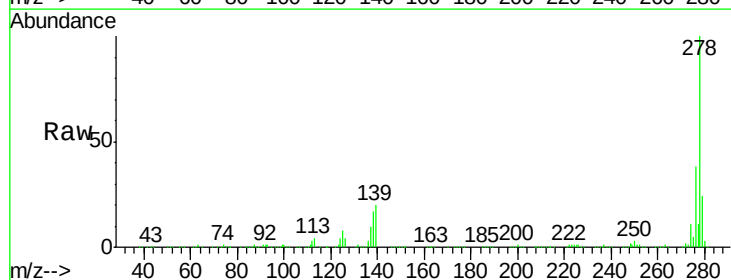
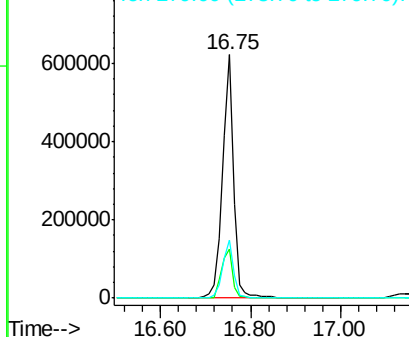
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

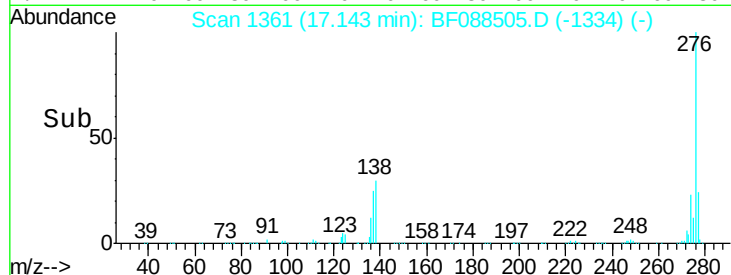
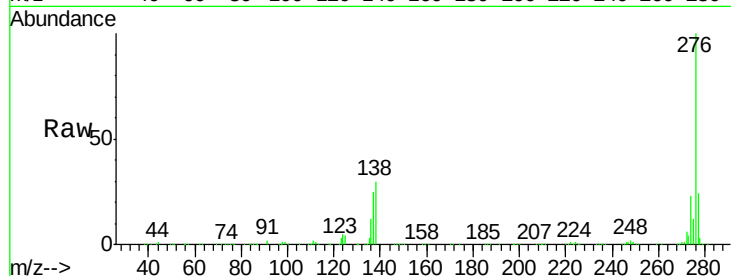
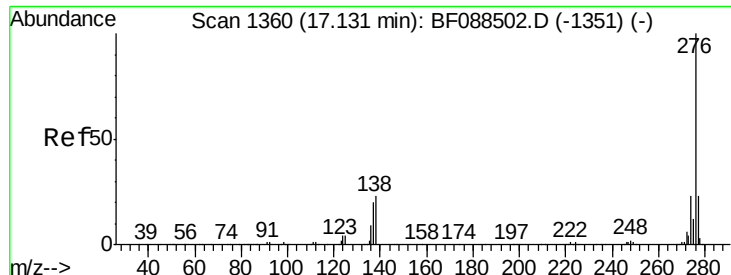


#90
Dibenzo(a,h)anthracene
Concen: 76.48 ng
RT: 16.75 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF088505.D
Acq: 29 Jun 2016 21:03

Tgt Ion:278 Resp: 1077939
Ion Ratio Lower Upper
278 100
139 20.3 14.0 21.0
279 24.0 19.1 28.7

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(a,h,i)perylene
 Concen: 81.16 ng
 RT: 17.14 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF088505.D
 Acq: 29 Jun 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	29.5	18.7	28.1

Manual Integrations

sohil
 6/30/2016 7:46:35 PM

