

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089787.D
 Acq On : 19 Aug 2016 10:48
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

umangi
 8/19/2016 4:51:24 PM

Quant Time: Aug 19 12:05:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	597750	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2295311	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	1090743	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1907399	20.00	ng	0.00
75) Chrysene-d12	13.90	240	1235117	20.00	ng	0.02
86) Perylene-d12	15.43	264	1043488	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1903950	53.14	ng	0.00
7) Phenol-d6	6.32	99	2206737	48.43	ng	0.00
23) Nitrobenzene-d5	7.26	82	2048893	54.51	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	595780	56.46	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	3653418	53.75	ng	0.00
78) Terphenyl-d14	12.79	244	2770204	67.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	442635	23.93	ng	92
3) Pyridine	2.80	79	1200107	25.18	ng	96
4) n-Nitrosodimethylamine	2.75	42	434712	22.72	ng	83
6) Aniline	6.34	93	1476698	24.11	ng	97
8) 2-Chlorophenol	6.47	128	1115658	26.18	ng	83
9) Benzaldehyde	6.23	77	766672	25.38	ng	81
10) Phenol	6.33	94	1341487	23.65	ng	90
11) bis(2-Chloroethyl)ether	6.42	93	905510	21.55	ng	95
12) 1,3-Dichlorobenzene	6.63	146	1187815m	26.08	ng	
13) 1,4-Dichlorobenzene	6.71	146	1172459	25.41	ng	93
14) 1,2-Dichlorobenzene	6.86	146	1148705	26.11	ng	96
15) Benzyl Alcohol	6.83	79	838006	27.52	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1333497	24.19	ng	96
17) 2-Methylphenol	6.95	107	840945	24.84	ng	97
18) Hexachloroethane	7.20	117	416475	24.63	ng	# 86
19) n-Nitroso-di-n-propylamine	7.11	70	670389	22.46	ng	91
20) 3+4-Methylphenols	7.11	107	1128204	26.02	ng	# 61
22) Acetophenone	7.10	105	1331077	24.95	ng	94
24) Nitrobenzene	7.27	77	1010299	23.89	ng	98
25) Isophorone	7.51	82	1889508	25.12	ng	99
26) 2-Nitrophenol	7.59	139	576470	28.97	ng	# 85
27) 2,4-Dimethylphenol	7.63	122	1028484	27.27	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	1210197	26.48	ng	# 96
29) 2,4-Dichlorophenol	7.83	162	877275	27.94	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	924227	27.42	ng	# 94
31) Naphthalene	7.99	128	2750263	26.69	ng	99
32) Benzoic acid	7.75	122	781566	26.66	ng	97
33) 4-Chloroaniline	8.04	127	1365635	28.65	ng	# 95
34) Hexachlorobutadiene	8.12	225	465248	26.28	ng	96
35) Caprolactam	8.41	113	266968	27.59	ng	# 80
36) 4-Chloro-3-methylphenol	8.52	107	908608	26.58	ng	95
37) 2-Methylnaphthalene	8.68	142	2023292	28.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	891917	25.44	ng	97
40) Hexachlorocyclopentadiene	8.84	237	331422	21.21	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089787.D
 Acq On : 19 Aug 2016 10:48
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

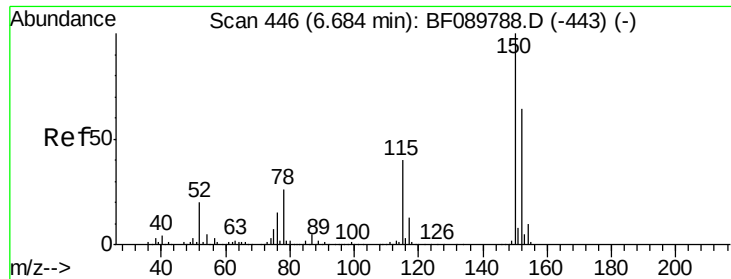
Manual Integrations
 APPROVED

umangi
 8/19/2016 4:51:24 PM

Quant Time: Aug 19 12:05:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	665552	29.38	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	589752	27.31	ng	95
45) 1,1'-Biphenyl	9.14	154	2178653	24.12	ng	99
46) 2-Chloronaphthalene	9.16	162	1802427	26.63	ng	98
47) 2-Nitroaniline	9.26	65	479521	23.25	ng	93
48) Acenaphthylene	9.58	152	2771235	26.59	ng	98
49) Dimethylphthalate	9.45	163	1979480	25.08	ng	99
50) 2,6-Dinitrotoluene	9.51	165	504726	28.26	ng	93
51) Acenaphthene	9.75	154	1750569	24.90	ng	100
52) 3-Nitroaniline	9.67	138	484584	23.33	ng	98
53) 2,4-Dinitrophenol	9.77	184	197795	31.17	ng	94
54) Dibenzofuran	9.92	168	2237076	25.85	ng	97
55) 4-Nitrophenol	9.83	139	462204	28.93	ng	96
56) 2,4-Dinitrotoluene	9.91	165	625886	27.26	ng	91
57) Fluorene	10.26	166	1882131	26.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	413328	24.50	ng	99
59) Diethylphthalate	10.15	149	2088366	26.10	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	859877	25.05	ng	99
61) 4-Nitroaniline	10.27	138	462516	22.94	ng	94
62) Azobenzene	10.42	77	2107803	27.88	ng	93
64) 4,6-Dinitro-2-methylphenol	10.31	198	303267	27.38	ng	# 80
65) n-Nitrosodiphenylamine	10.38	169	1591697	26.59	ng	100
66) 4-Bromophenyl-phenylether	10.75	248	536997	27.18	ng	99
67) Hexachlorobenzene	10.81	284	652626	29.72	ng	96
68) Atrazine	10.91	200	543262	29.96	ng	96
69) Pentachlorophenol	10.99	266	350794	25.64	ng	98
70) Phenanthrene	11.21	178	2625186	28.00	ng	99
71) Anthracene	11.27	178	2877130	29.37	ng	99
72) Carbazole	11.42	167	2436069	26.25	ng	99
73) Di-n-butylphthalate	11.77	149	3021299	26.76	ng	99
74) Fluoranthene	12.40	202	2743784	29.13	ng	99
76) Benzidine	12.53	184	1098855	24.79	ng	98
77) Pyrene	12.63	202	2730271	33.78	ng	98
79) Butylbenzylphthalate	13.29	149	1153718	28.45	ng	87
80) Benzo(a)anthracene	13.89	228	1836167	25.59	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	631139	24.14	ng	# 96
82) Chrysene	13.92	228	1636717	25.34	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1679764	31.30	ng	98
84) Di-n-octyl phthalate	14.62	149	2260801	27.11	ng	95
85) Indeno(1,2,3-cd)pyrene	16.72	276	1890336	34.36	ng	98
87) Benzo(b)fluoranthene	15.03	252	1436759	21.73	ng	# 96
88) Benzo(k)fluoranthene	15.06	252	1521454m	27.96	ng	
89) Benzo(a)pyrene	15.37	252	1437584	26.34	ng	97
90) Dibenzo(a,h)anthracene	16.74	278	1573014	36.60	ng	98
91) Benzo(g,h,i)perylene	17.11	276	1614370	36.90	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

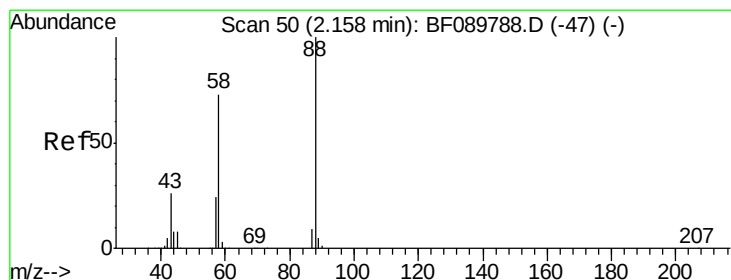
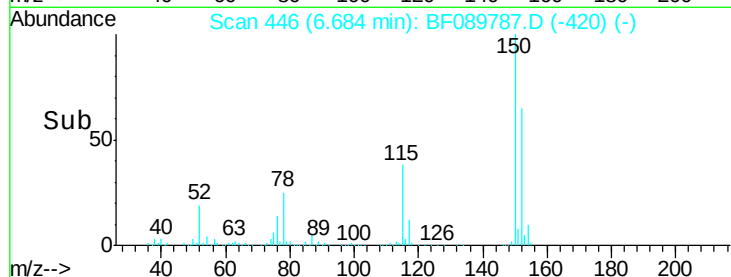
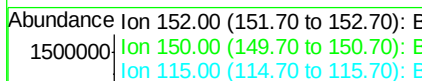
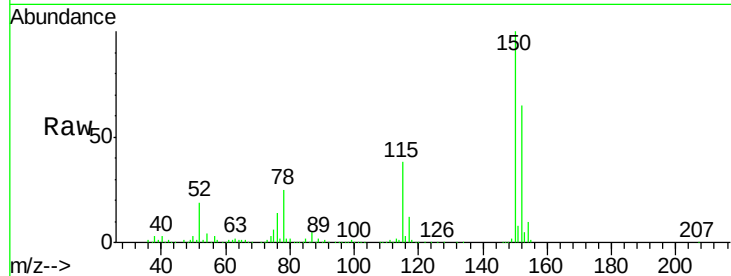
ClientSampleId :

SSTDICC025

Tgt Ion:	152	Resp:	597750
Ion Ratio	Lower	Upper	
152	100		
150	154.6	125.3	187.9
115	59.5	40.9	61.3

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



#2

1,4-Dioxane

Concen: 23.93 ng

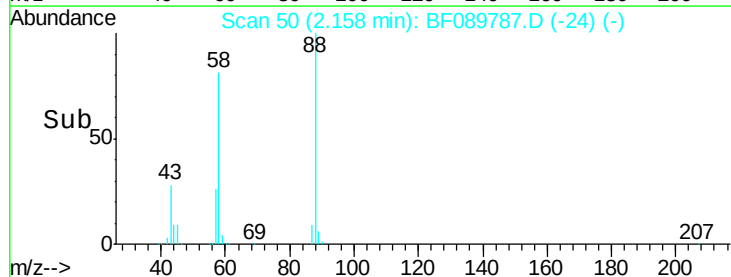
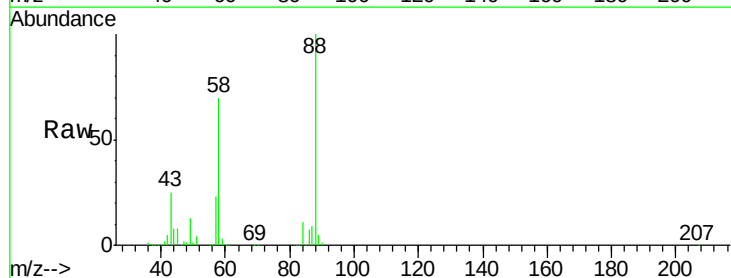
RT: 2.16 min Scan# 50

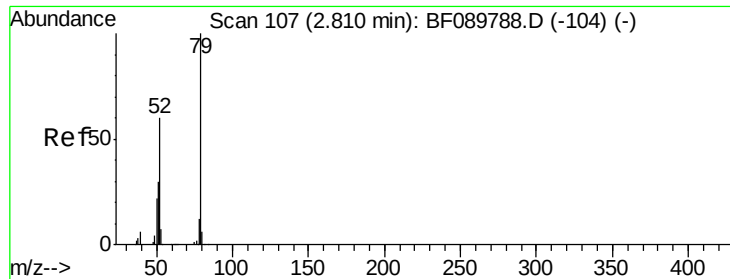
Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	88	Resp:	442635
Ion Ratio	Lower	Upper	
88	100		
58	65.2	57.0	85.4
43	22.7	21.8	32.8





#3

Pyridine

Concen: 25.18 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

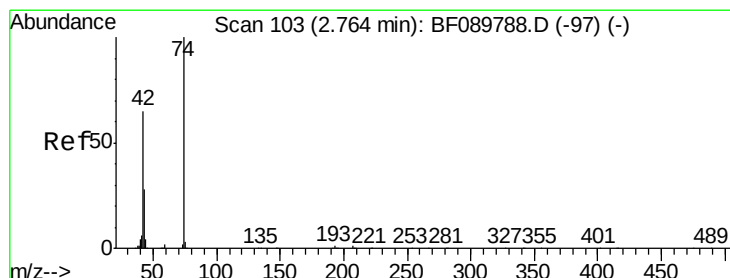
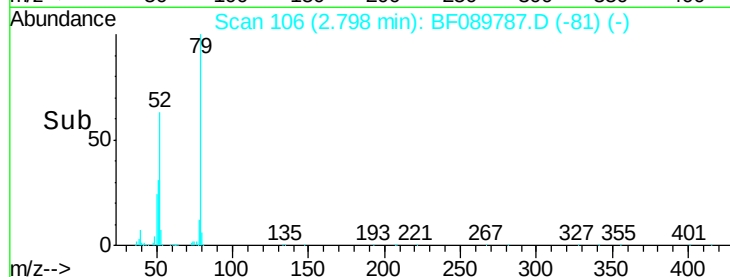
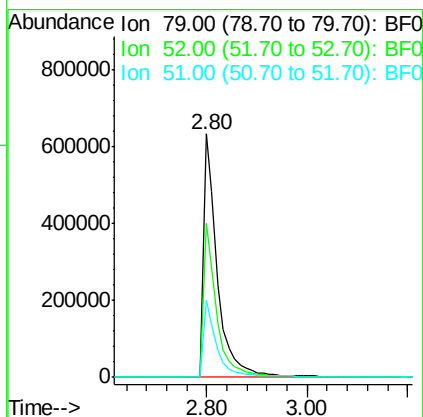
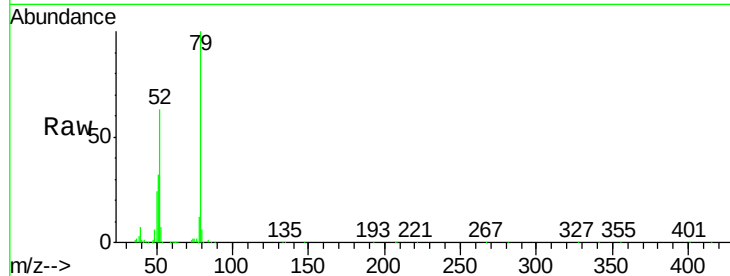
ClientSampleId :

SSTDICC025

Tgt Ion:	79	Resp:	1200107
Ion	Ratio	Lower	Upper
79	100		
52	63.3	53.6	80.4
51	31.7	26.6	39.8

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



#4

n-Nitrosodimethylamine

Concen: 22.72 ng

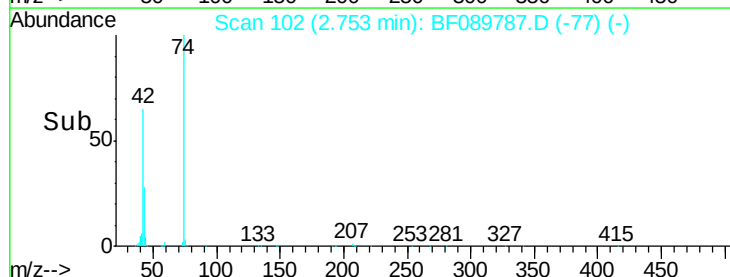
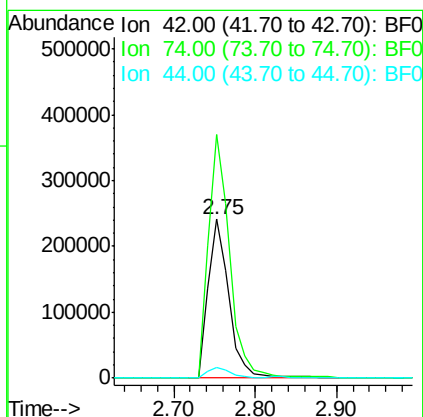
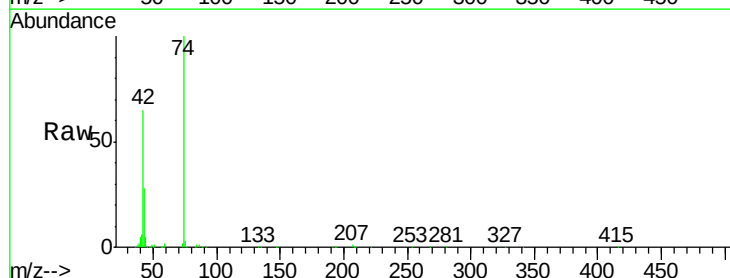
RT: 2.75 min Scan# 102

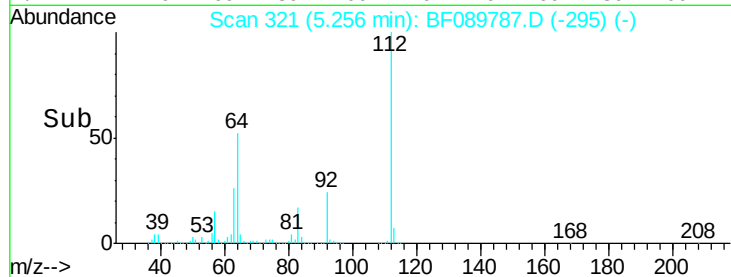
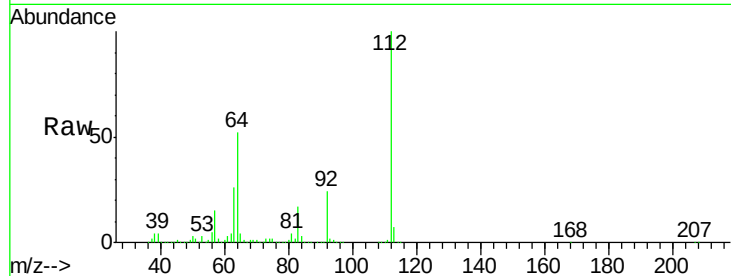
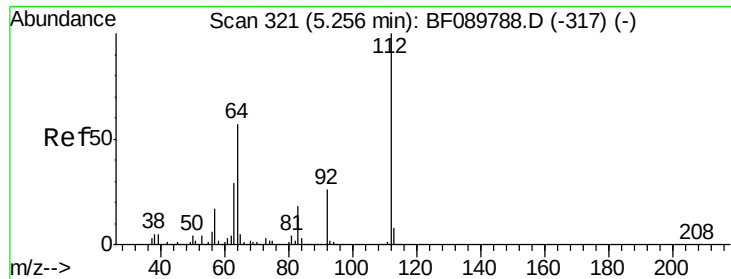
Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	42	Resp:	434712
Ion	Ratio	Lower	Upper
42	100		
74	153.2	106.2	159.2
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 53.14 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	112	Resp:	1903950
Ion	Ratio	Lower	Upper
112	100		
64	52.4	45.0	67.4
63	26.2	23.1	34.7

Instrument :

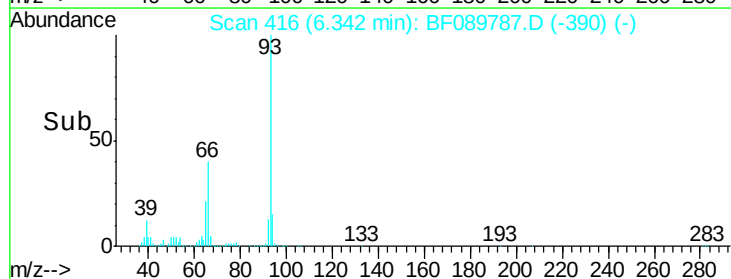
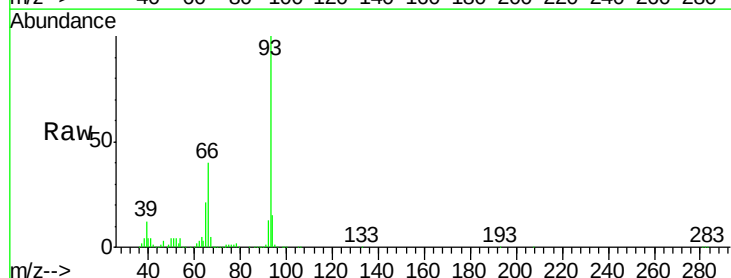
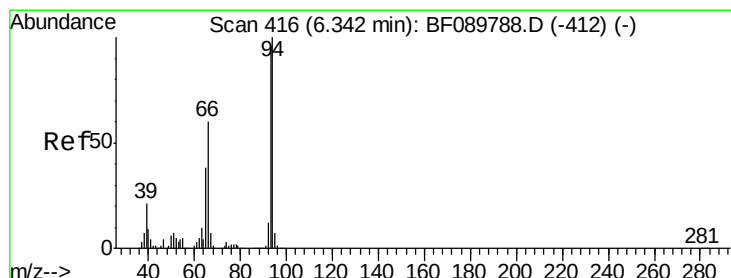
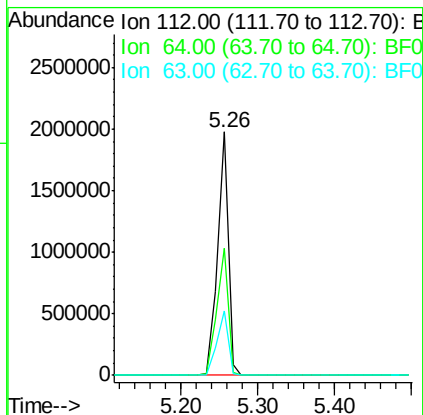
BNA_F

ClientSampled :

SSTDICC025

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



#6

Aniline

Concen: 24.11 ng

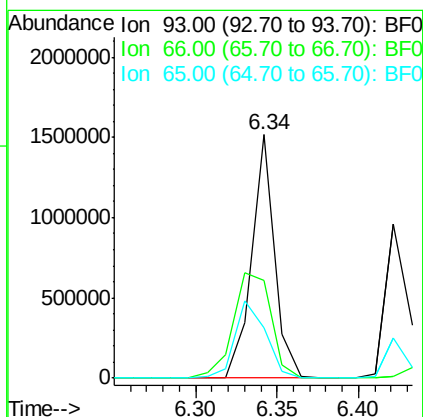
RT: 6.34 min Scan# 416

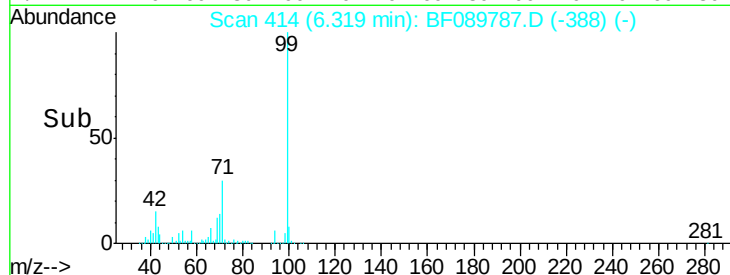
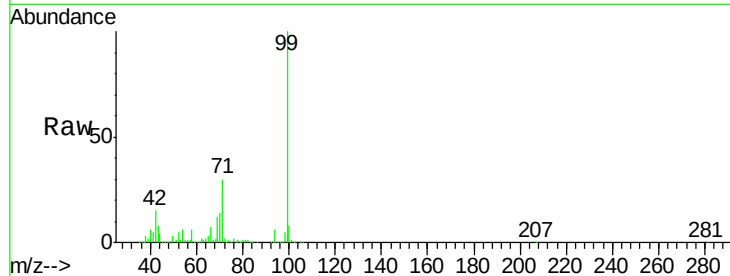
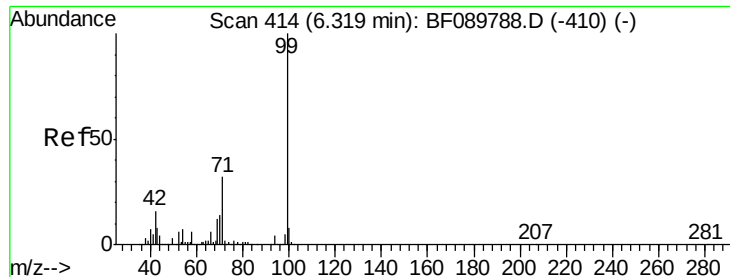
Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	93	Resp:	1476698
Ion	Ratio	Lower	Upper
93	100		
66	39.9	30.6	46.0
65	20.7	15.4	23.2





#7

Phenol-d6

Concen: 48.43 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	99	Resp:	2206737
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.4
71	30.5	23.8	35.8

Instrument :

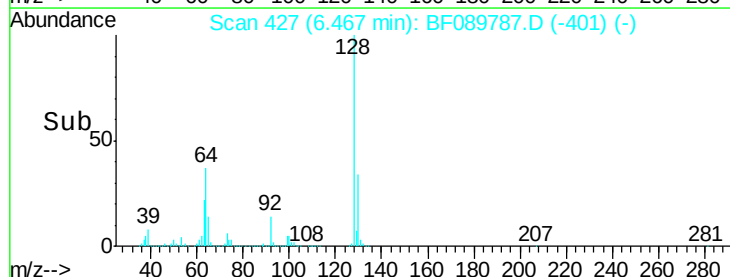
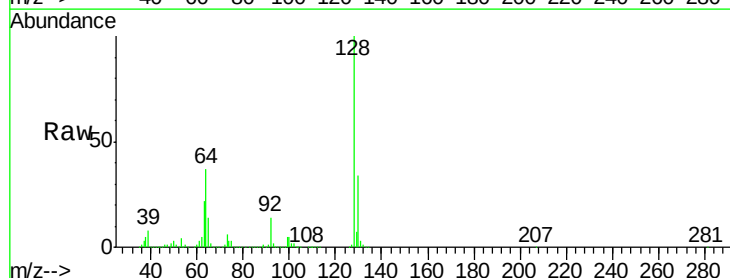
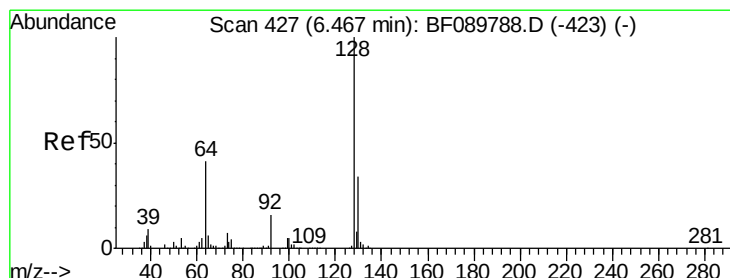
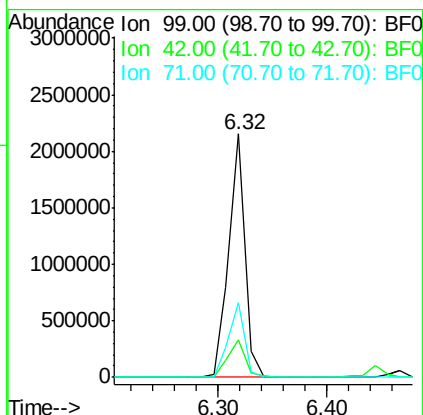
BNA_F

ClientSampleId :

SSTDICC025

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



#8

2-Chlorophenol

Concen: 26.18 ng

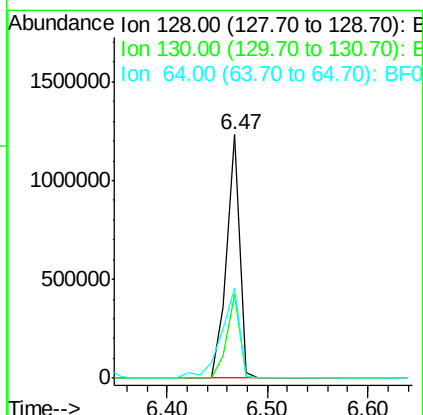
RT: 6.47 min Scan# 427

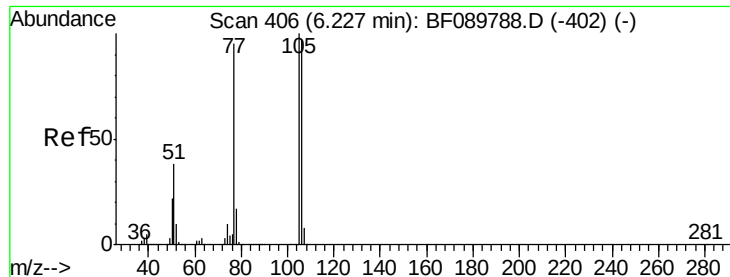
Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	128	Resp:	1115658
Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.0	52.0
64	36.7	35.1	75.1





#9

Benzaldehyde

Concen: 25.38 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

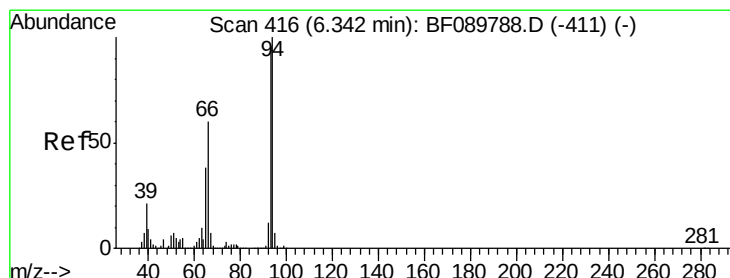
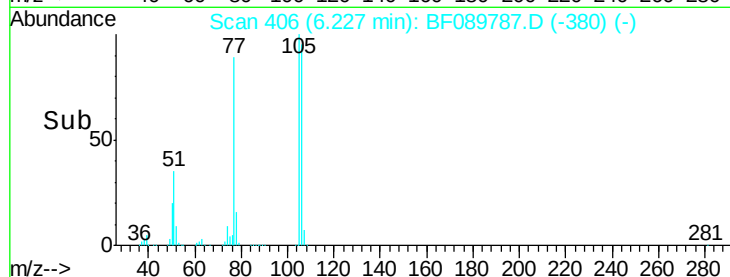
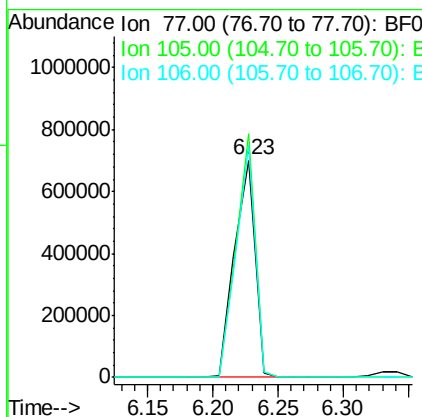
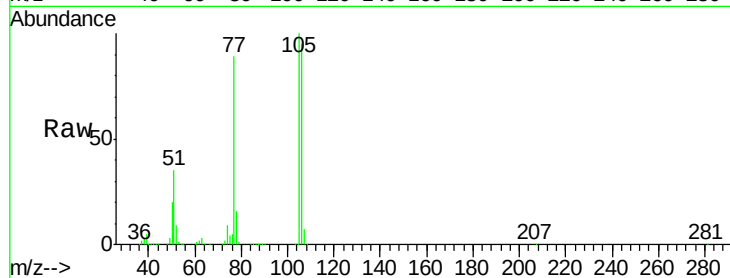
ClientSampleId :

SSTDIC025

Tgt Ion:	77	Resp:	766672
Ion	Ratio	Lower	Upper
77	100		
105	112.1	73.3	113.3
106	106.7	68.6	108.6

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



#10

Phenol

Concen: 23.65 ng

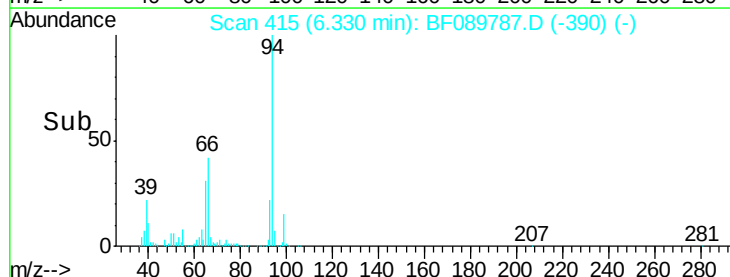
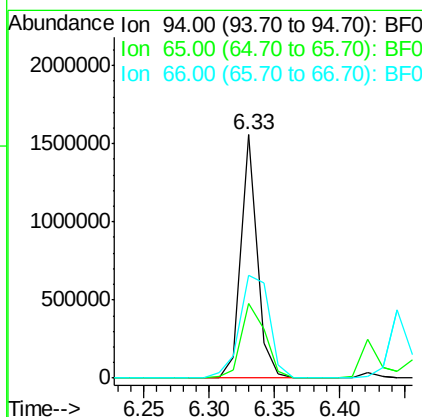
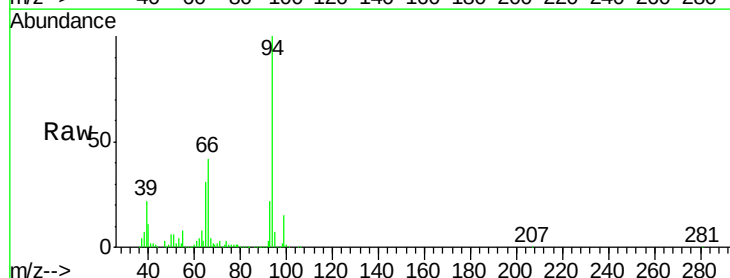
RT: 6.33 min Scan# 415

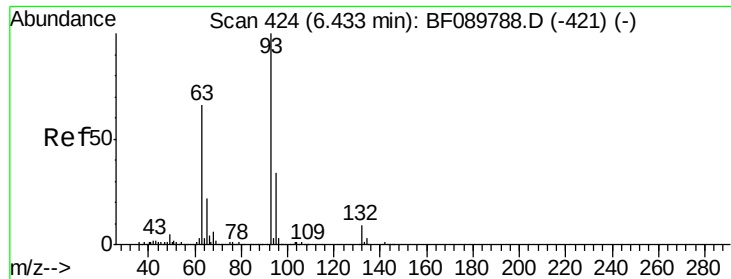
Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	94	Resp:	1341487
Ion	Ratio	Lower	Upper
94	100		
65	30.8	14.0	54.0
66	42.2	31.2	71.2





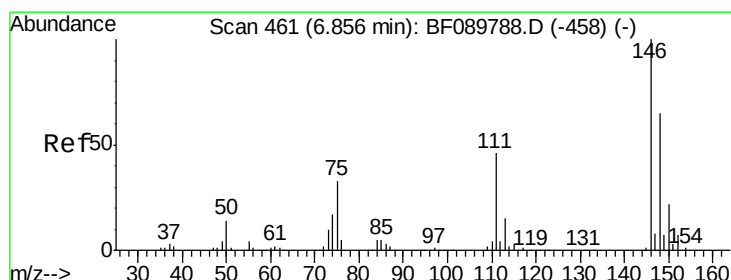
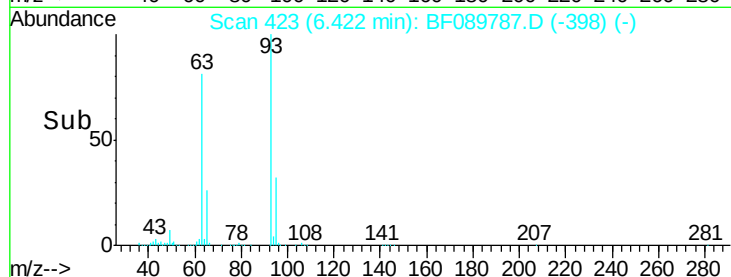
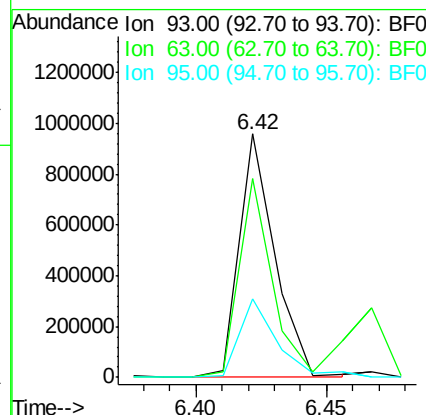
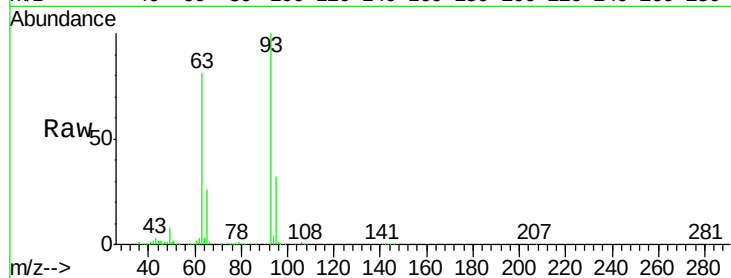
#11
 bis(2-Chloroethyl)ether
 Concen: 21.55 ng
 RT: 6.42 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	81.4	55.8	95.8
95	32.3	13.0	53.0

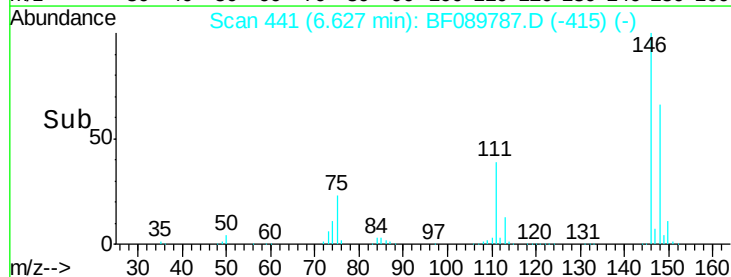
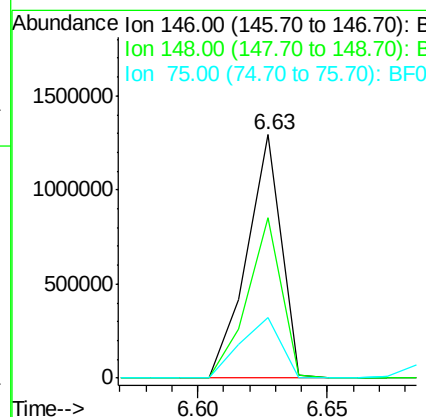
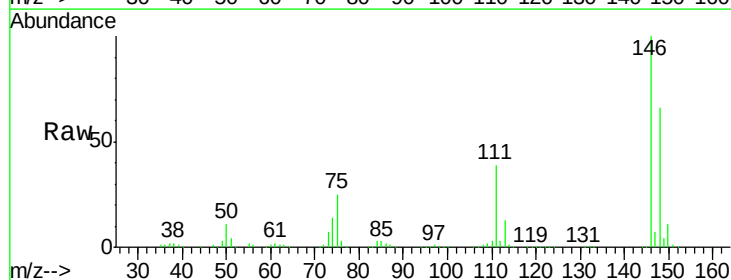
Manual Integrations
 APPROVED

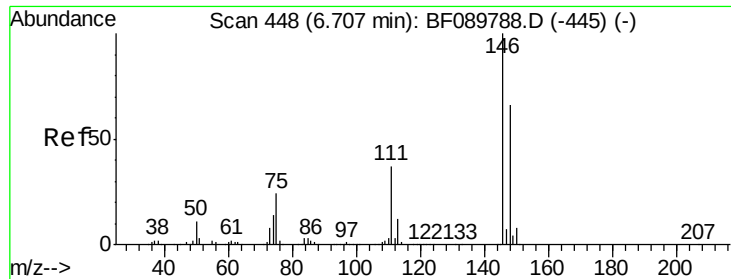
umangi
 8/19/2016 4:51:24 PM



#12
 1,3-Dichlorobenzene
 Concen: 26.08 ng m
 RT: 6.63 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.0	76.4
75	24.7	27.0	40.6





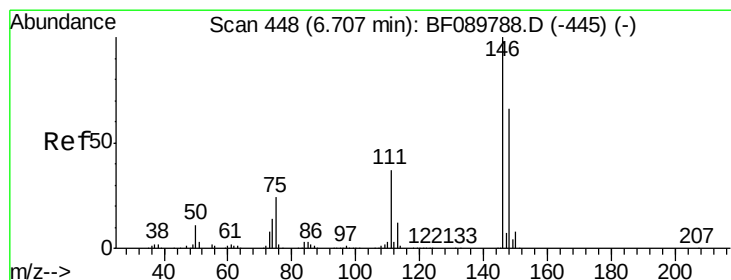
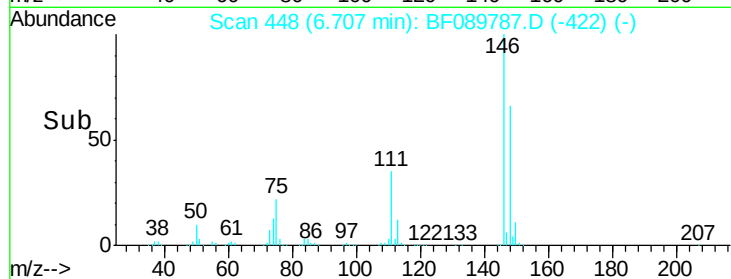
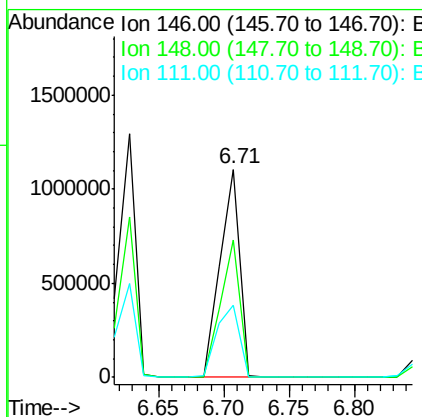
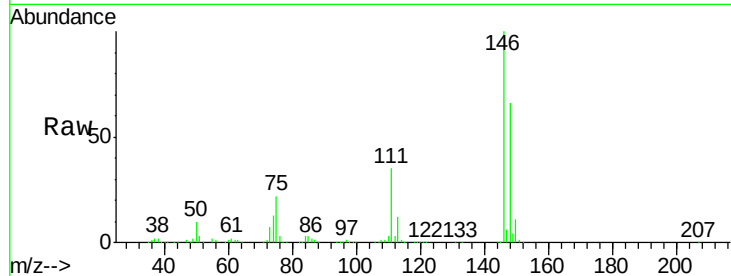
#13
 1,4-Dichlorobenzene
 Concen: 25.41 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:146 Resp: 1172459
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.0 76.6
 111 34.7 34.6 52.0

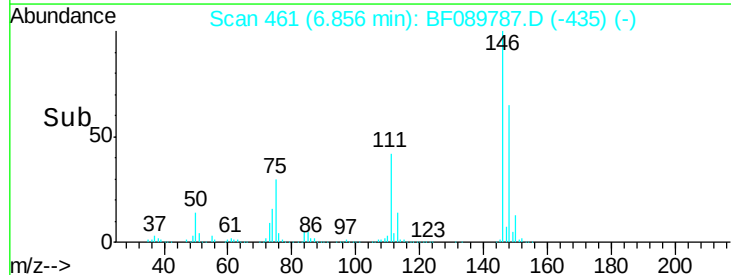
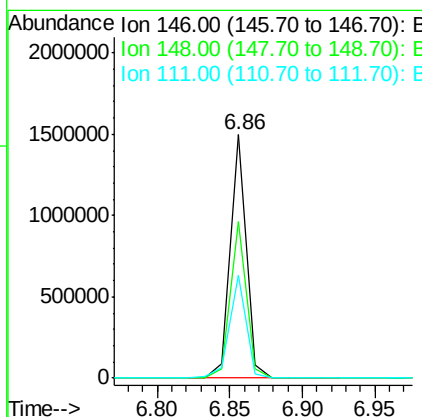
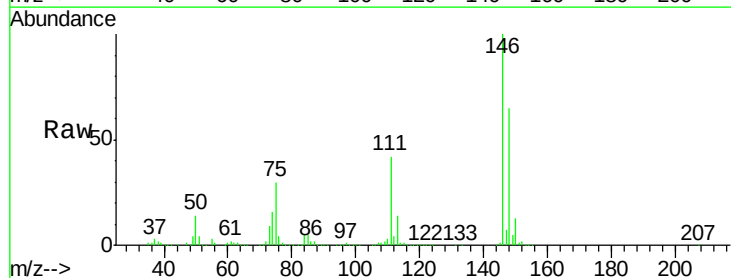
Manual Integrations
 APPROVED

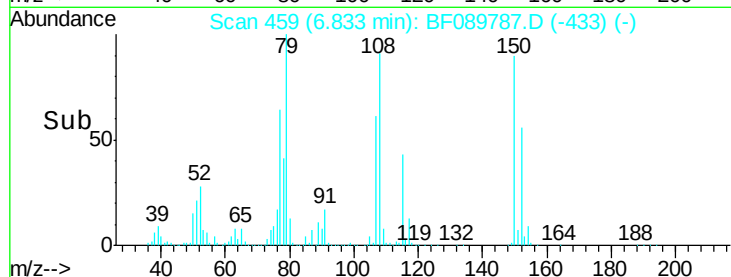
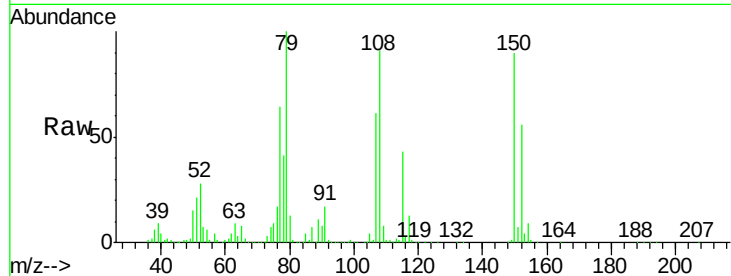
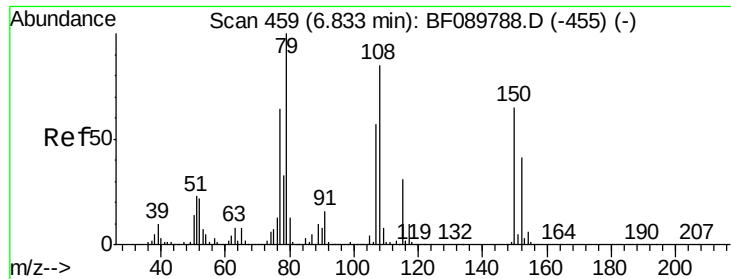
umangi
 8/19/2016 4:51:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 26.11 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:146 Resp: 1148705
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 42.5 29.8 44.6





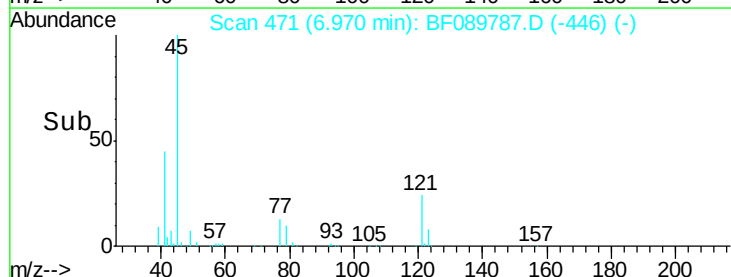
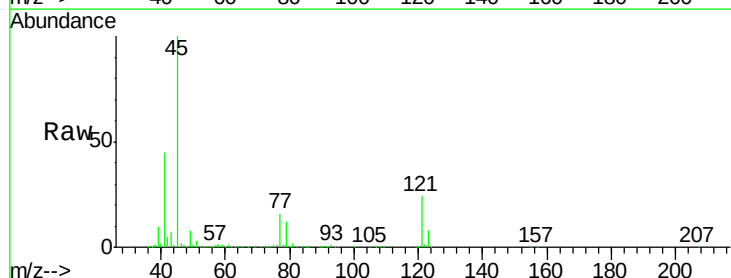
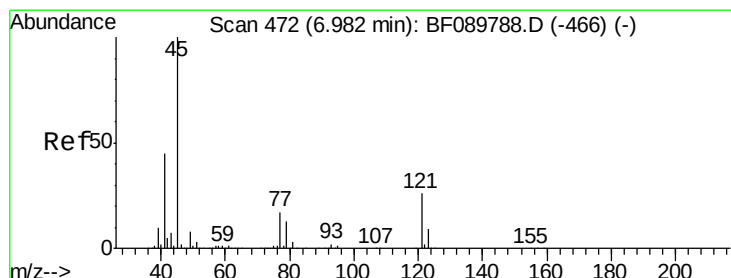
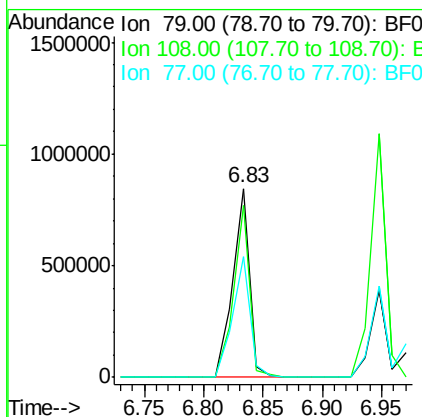
#15
Benzyl Alcohol
Concen: 27.52 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
79	100		
108	91.0	62.5	93.7
77	64.2	51.5	77.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

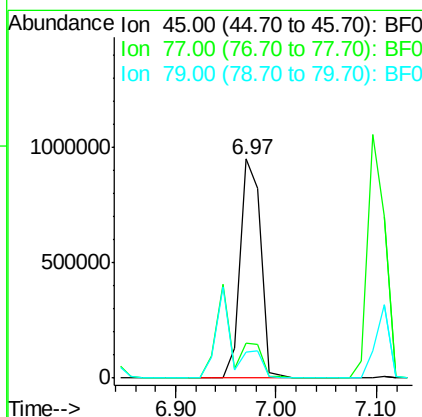
Manual Integrations
APPROVED

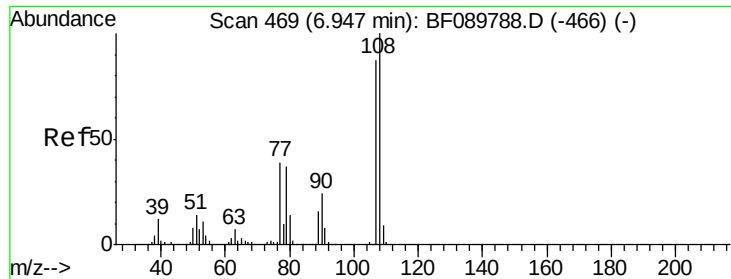
umangi
8/19/2016 4:51:24 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.19 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	33.5
79	11.7	0.0	30.7





#17

2-Methylphenol

Concen: 24.84 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089787.D

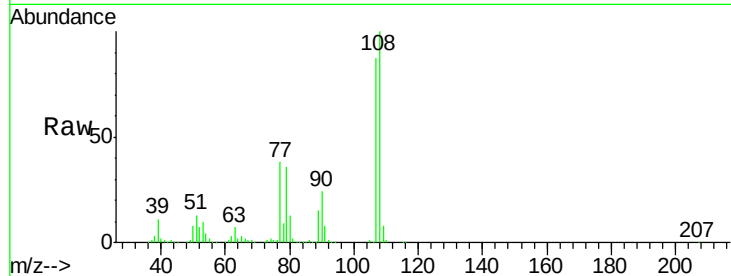
Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

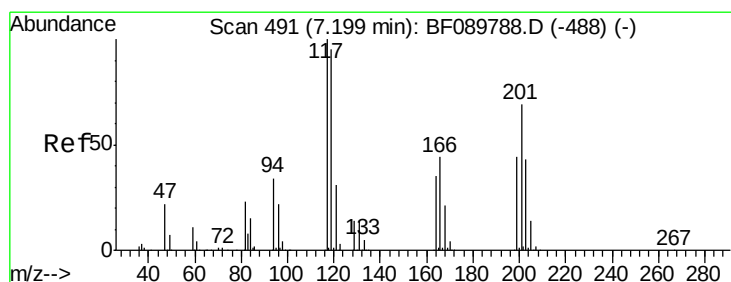
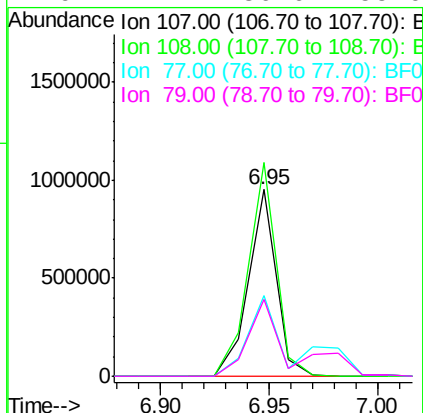
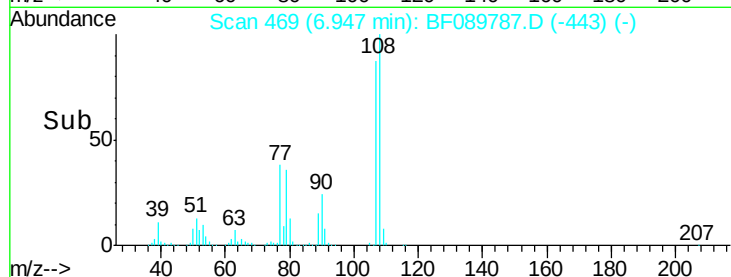
SSTDICC025



Tgt Ion:	107	Resp:	840945
Ion Ratio	Lower	Upper	
107	100		
108	114.4	91.0	136.4
77	43.0	37.4	56.0
79	41.4	36.6	55.0

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



#18

Hexachloroethane

Concen: 24.63 ng

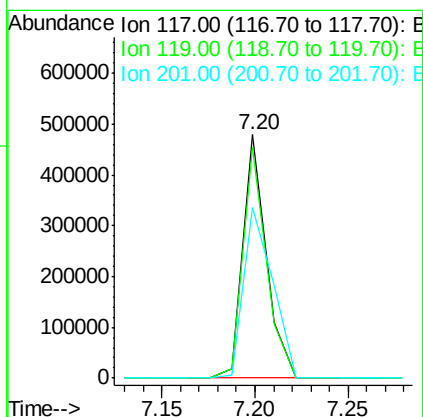
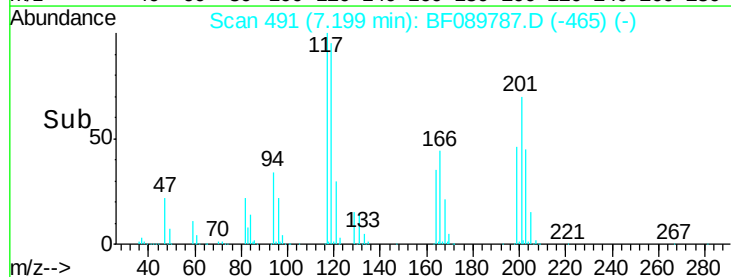
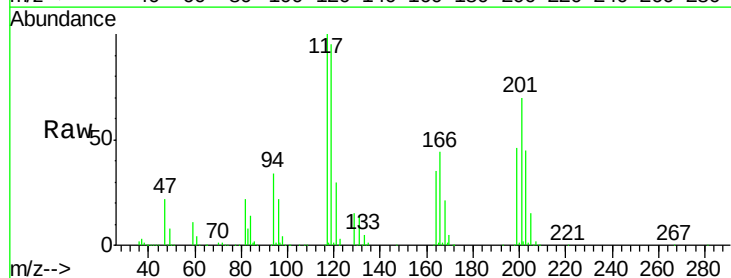
RT: 7.20 min Scan# 491

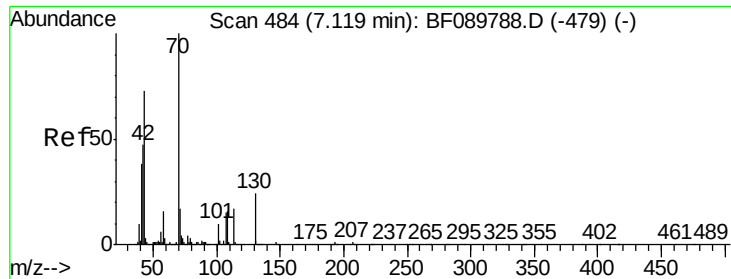
Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	117	Resp:	416475
Ion Ratio	Lower	Upper	
117	100		
119	95.0	77.1	115.7
201	70.1	76.9	115.3#





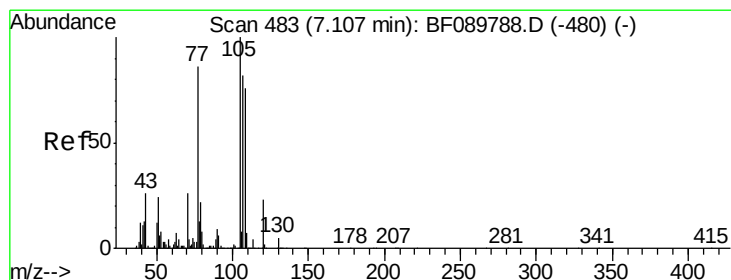
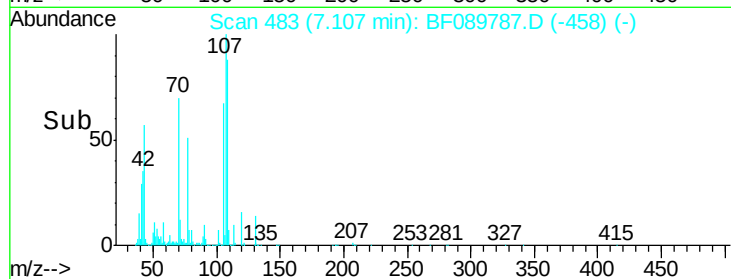
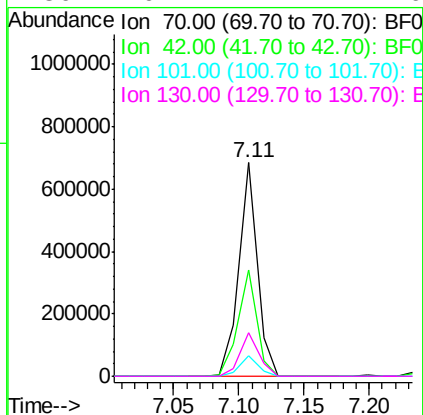
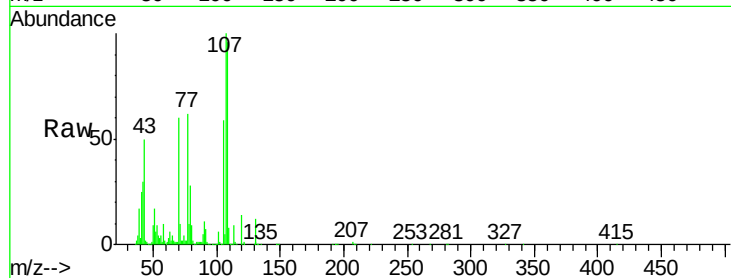
#19
n-Nitroso-di-n-propylamine
Concen: 22.46 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampled :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.8	46.3	69.5
101	9.5	7.0	10.6
130	20.1	14.4	21.6

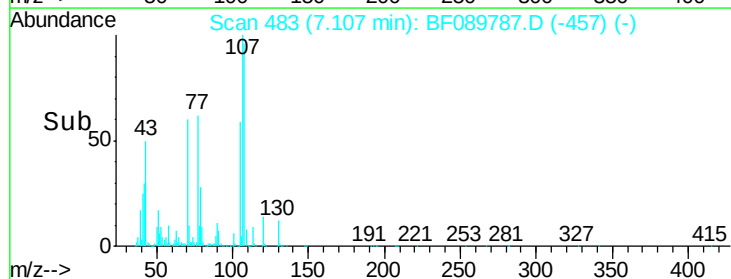
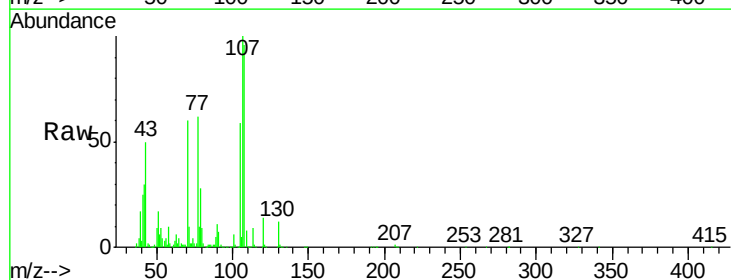
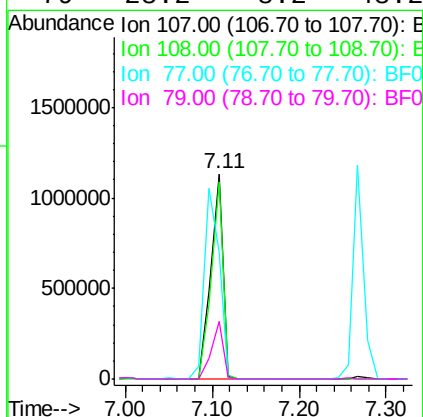
Manual Integrations
APPROVED

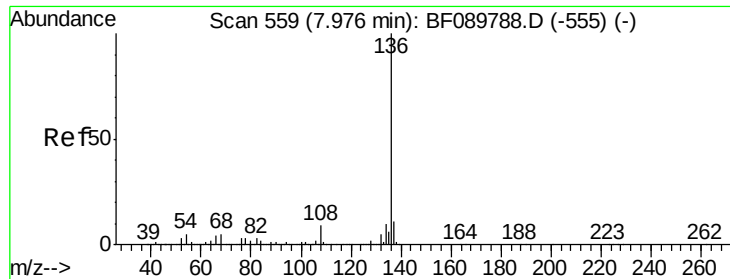
umangi
8/19/2016 4:51:24 PM



#20
3+4-Methylphenols
Concen: 26.02 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.8	68.2	108.2
77	61.7	122.3	162.3#
79	28.2	8.2	48.2





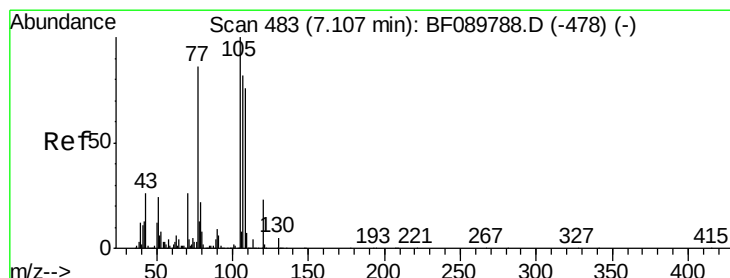
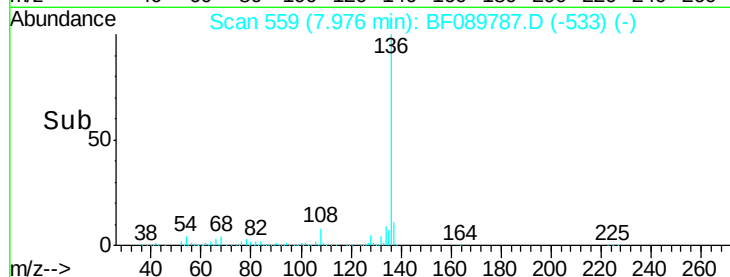
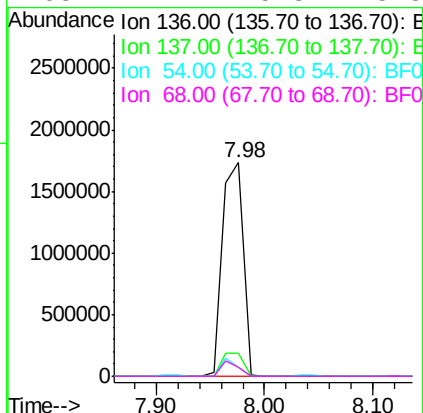
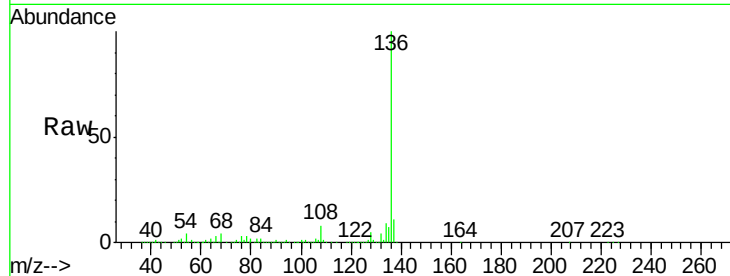
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	2295311		
137	10.8	9.2	13.8	
54	4.4	7.2	10.8	
68	4.2	5.8	8.8	

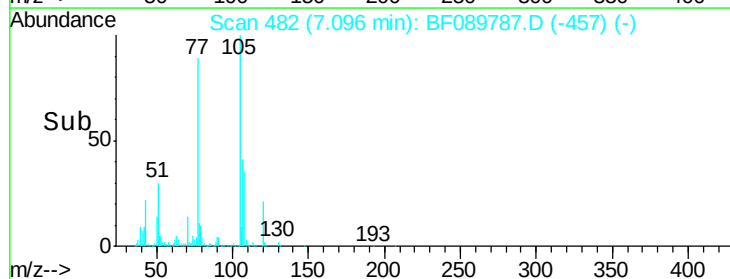
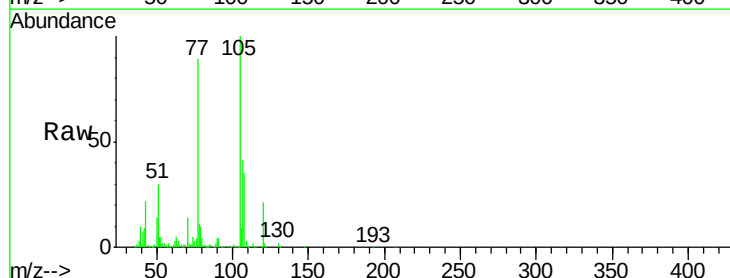
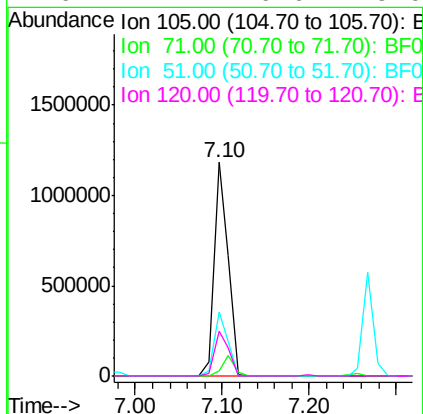
Manual Integrations
APPROVED

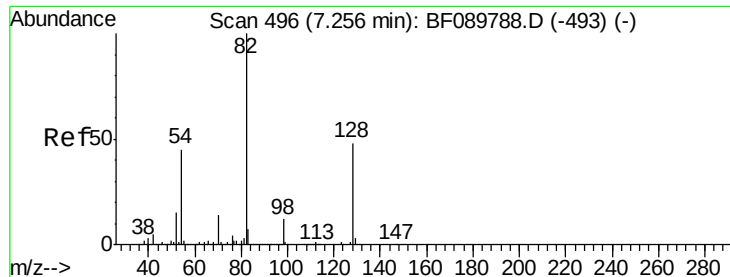
umangi
8/19/2016 4:51:24 PM



#22
Acetophenone
Concen: 24.95 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1331077		
71	2.3	1.9	2.9	
51	30.1	28.5	42.7	
120	21.1	16.6	25.0	





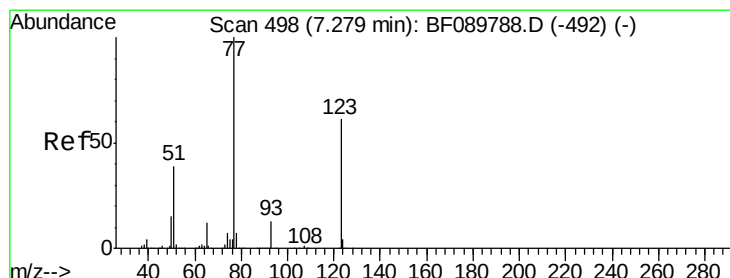
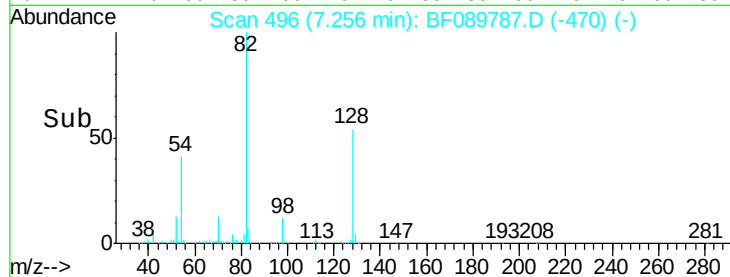
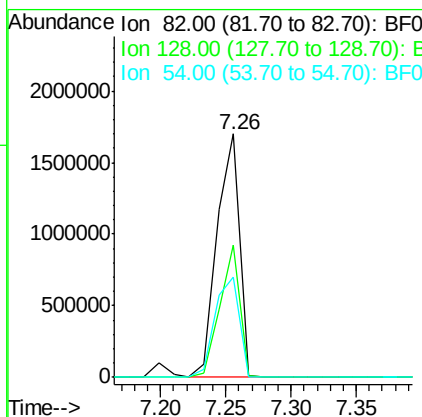
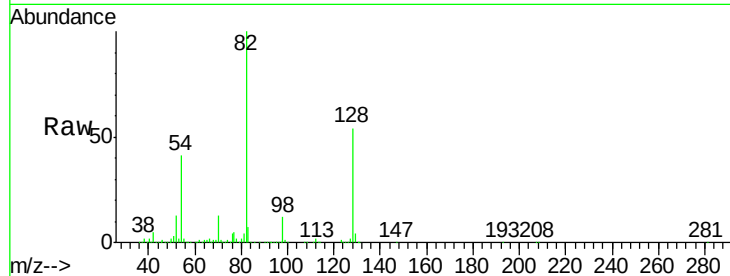
#23
 Nitrobenzene-d5
 Concen: 54.51 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion: 82 Resp: 2048893
 Ion Ratio Lower Upper
 82 100
 128 54.5 34.4 51.6#
 54 41.4 40.3 60.5

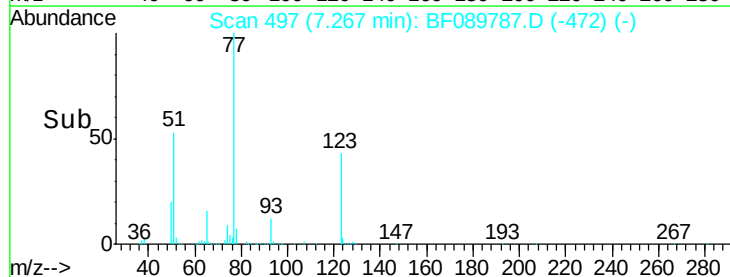
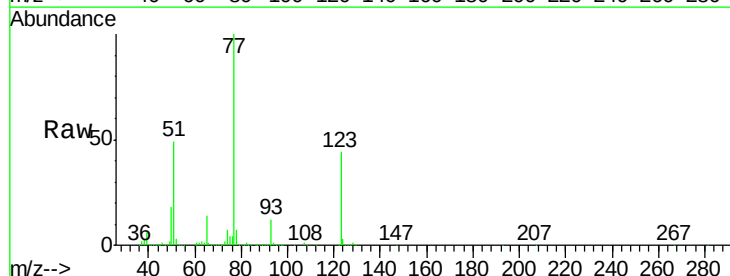
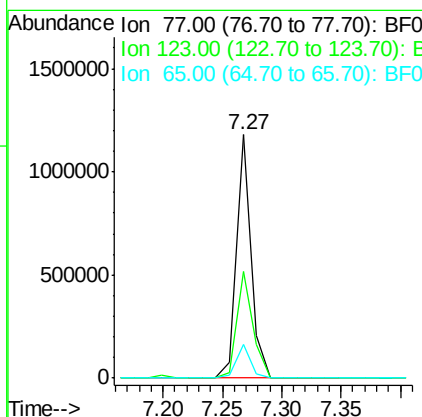
Manual Integrations
 APPROVED

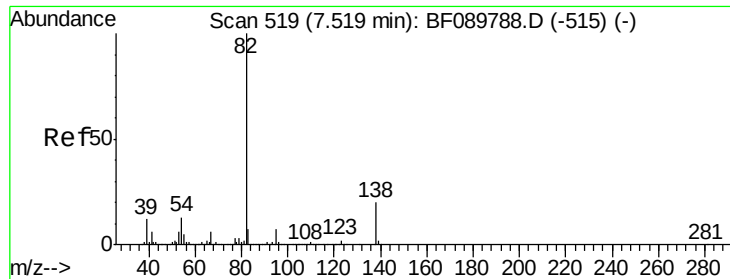
umangi
 8/19/2016 4:51:24 PM



#24
 Nitrobenzene
 Concen: 23.89 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion: 77 Resp: 1010299
 Ion Ratio Lower Upper
 77 100
 123 44.0 36.2 54.2
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 25.12 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion: 82 Resp: 1889508

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

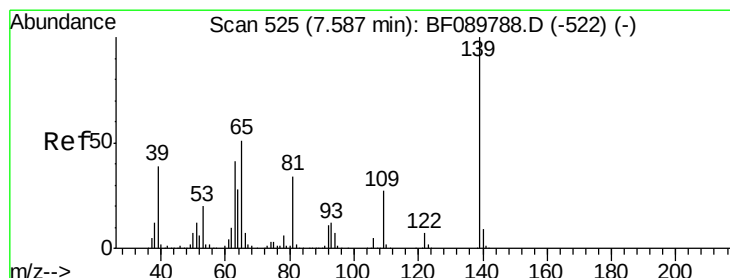
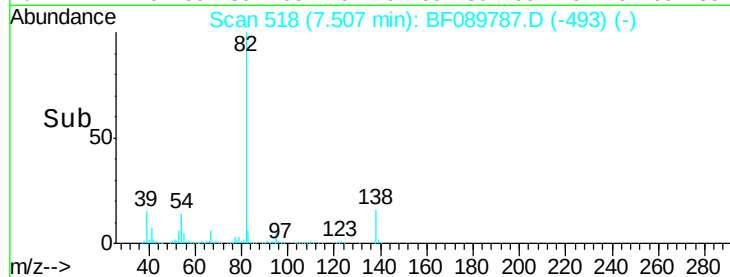
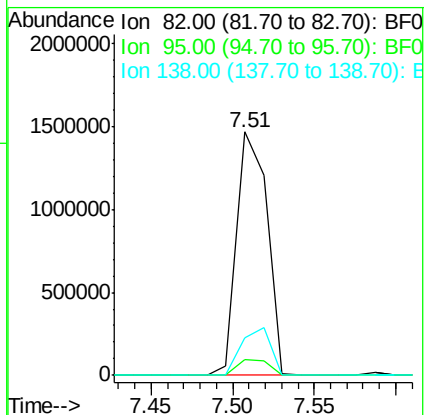
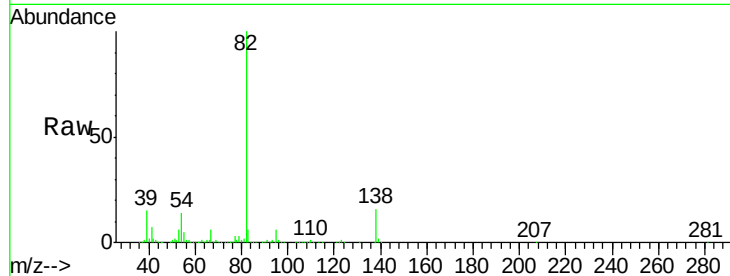
138 15.5 13.0 19.4

Manual Integrations

APPROVED

umangi

8/19/2016 4:51:24 PM



#26

2-Nitrophenol

Concen: 28.97 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

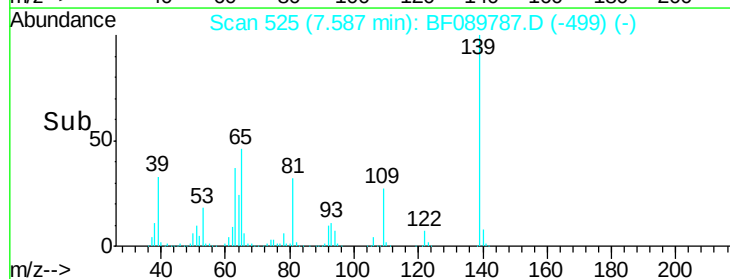
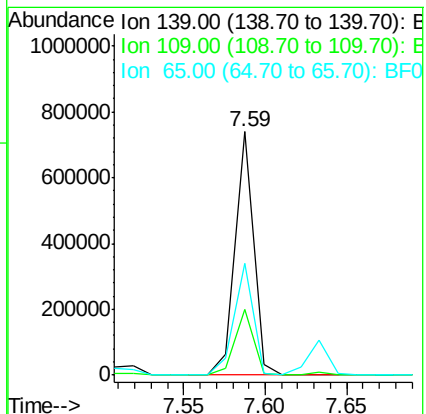
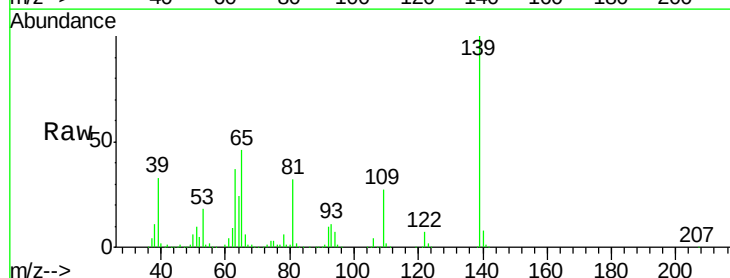
Tgt Ion: 139 Resp: 576470

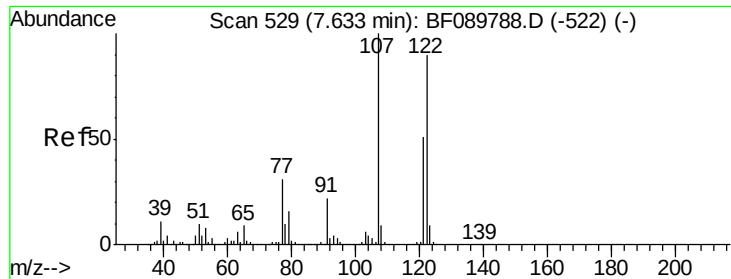
Ion Ratio Lower Upper

139 100

109 26.9 19.5 29.3

65 45.7 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 27.27 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:122 Resp: 1028484

Ion Ratio Lower Upper

122 100

107 108.5 84.8 127.2

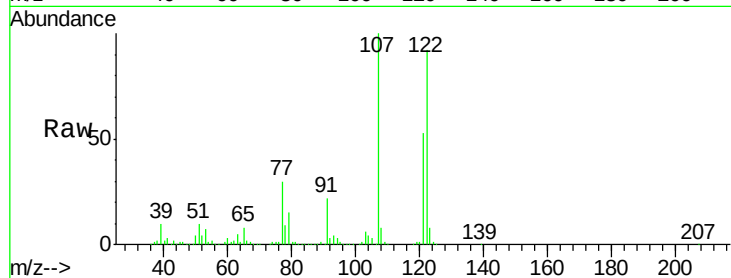
121 57.4 47.0 70.6

Manual Integrations

APPROVED

umangi

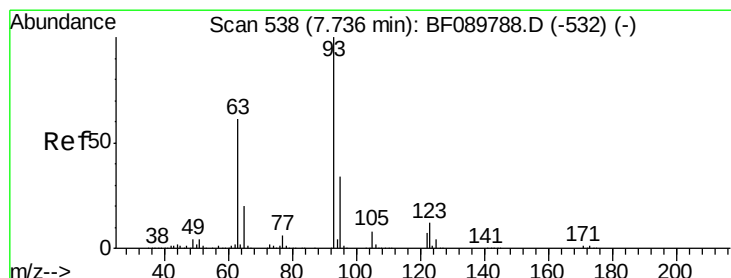
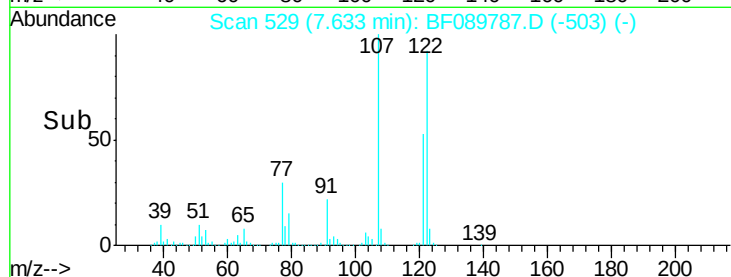
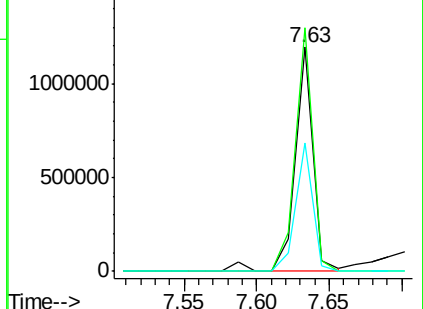
8/19/2016 4:51:24 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.48 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

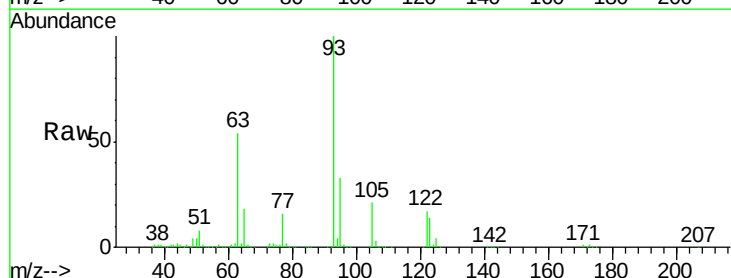
Tgt Ion: 93 Resp: 1210197

Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

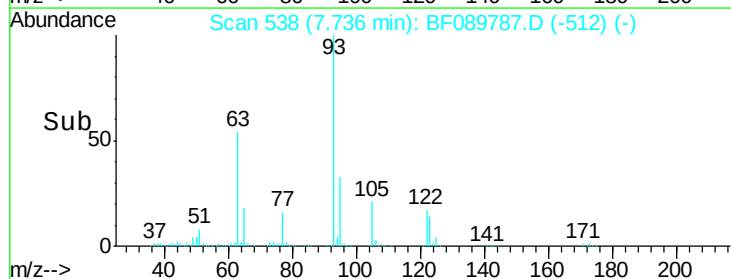
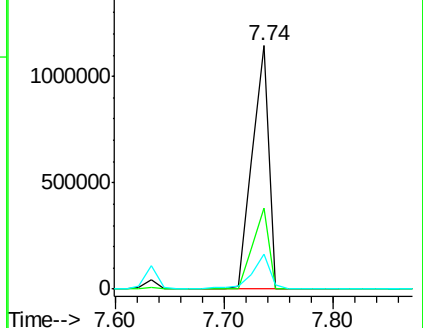
123 14.1 8.5 12.7#

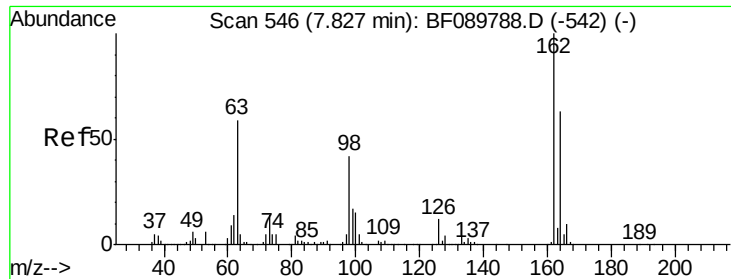


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





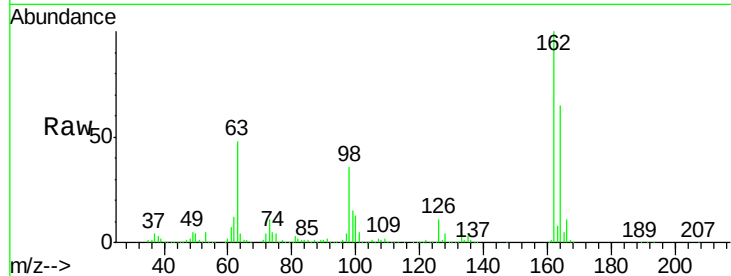
#29
 2,4-Dichlorophenol
 Concen: 27.94 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

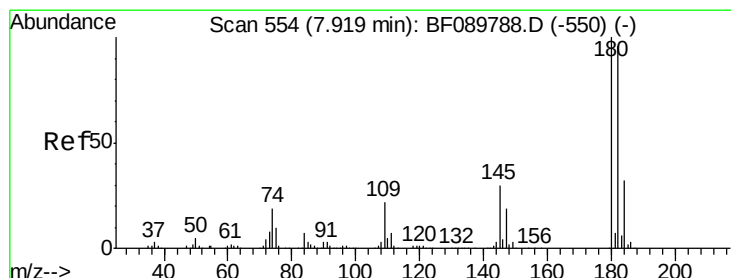
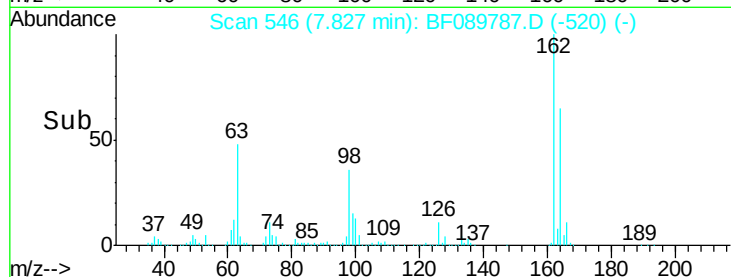
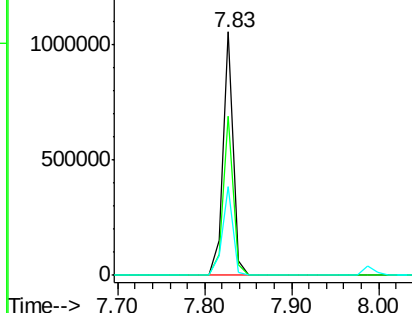
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	877275		
164	65.4	45.5	85.5	
98	36.2	12.4	52.4	

Manual Integrations
 APPROVED

umangi
 8/19/2016 4:51:24 PM

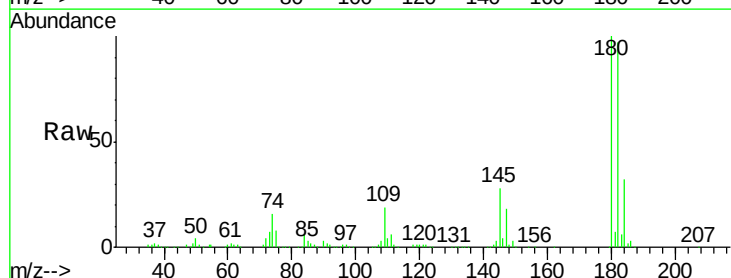


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

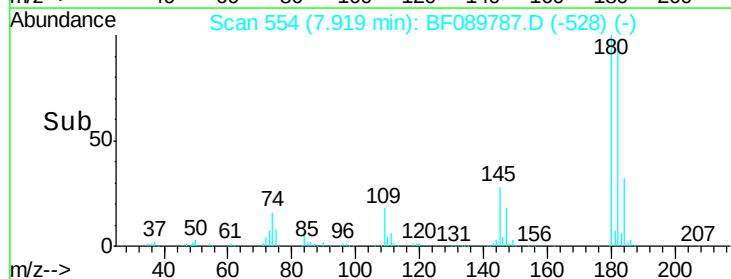
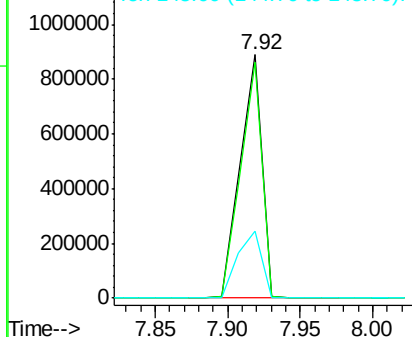


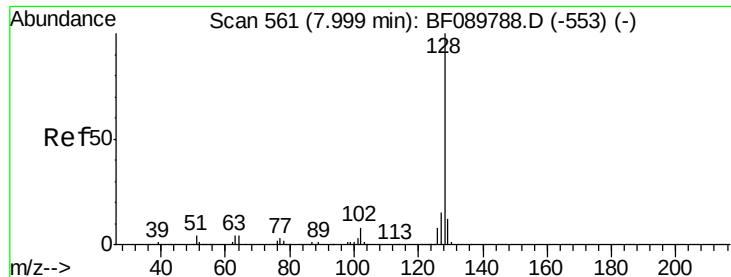
#30
 1,2,4-Trichlorobenzene
 Concen: 27.42 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	924227		
182	97.1	75.5	113.3	
145	27.5	28.7	43.1#	



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





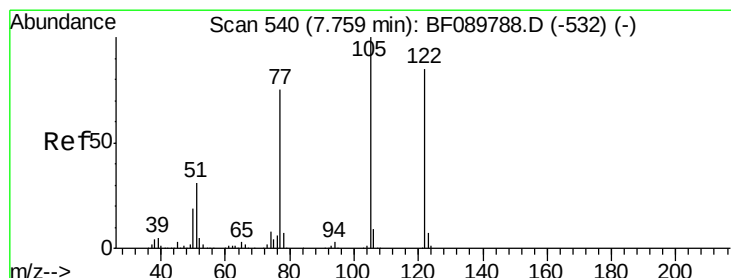
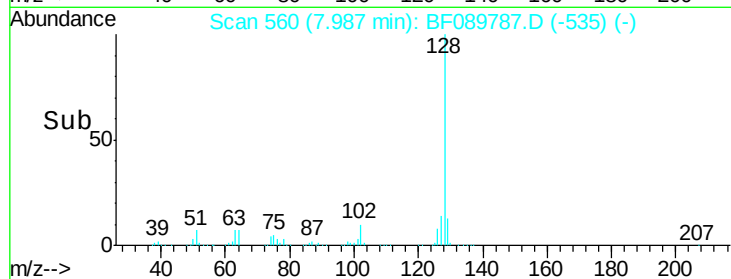
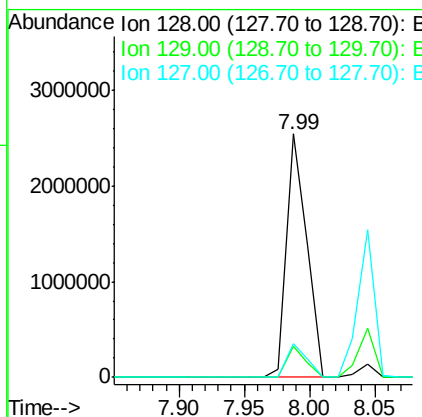
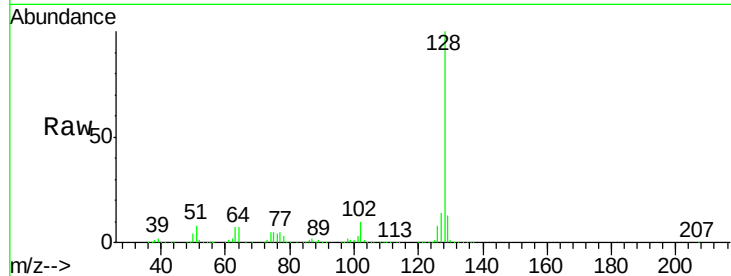
#31
Naphthalene
Concen: 26.69 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:128 Resp: 2750263
Ion Ratio Lower Upper
128 100
129 12.6 9.5 14.3
127 13.9 11.3 16.9

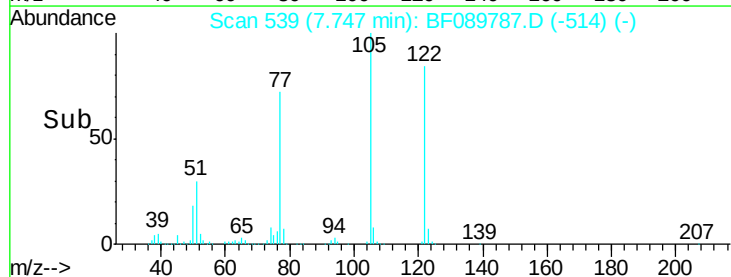
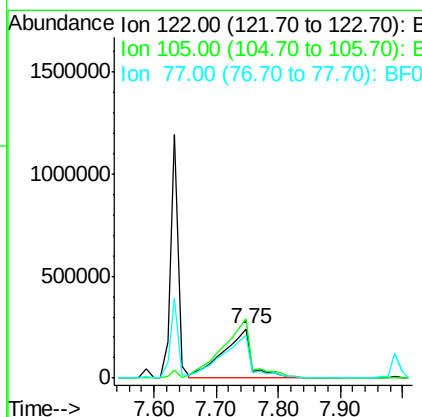
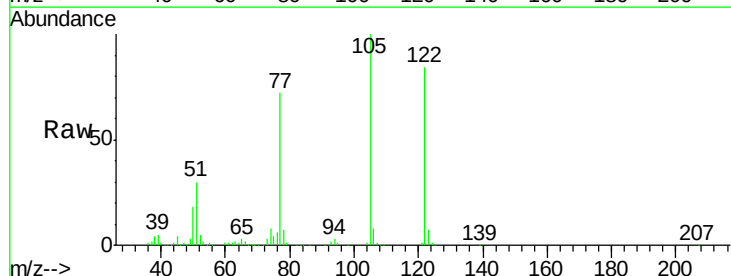
Manual Integrations
APPROVED

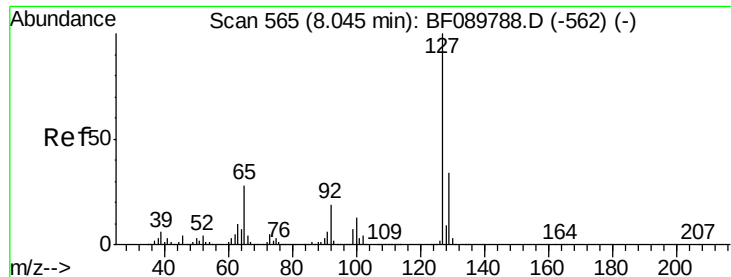
umangi
8/19/2016 4:51:24 PM



#32
Benzoic acid
Concen: 26.66 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion:122 Resp: 781566
Ion Ratio Lower Upper
122 100
105 119.5 100.8 140.8
77 86.3 72.1 112.1





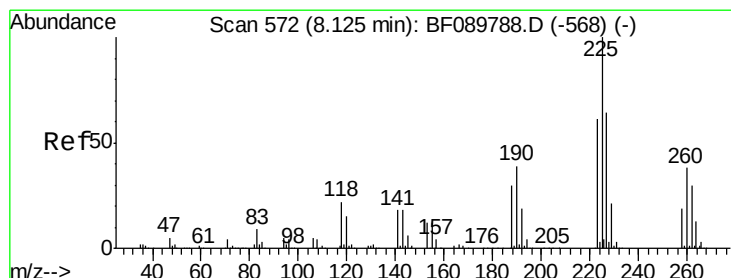
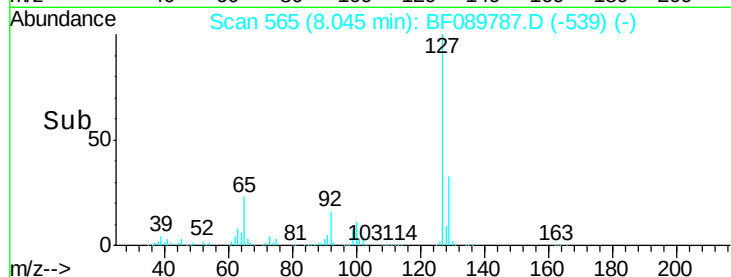
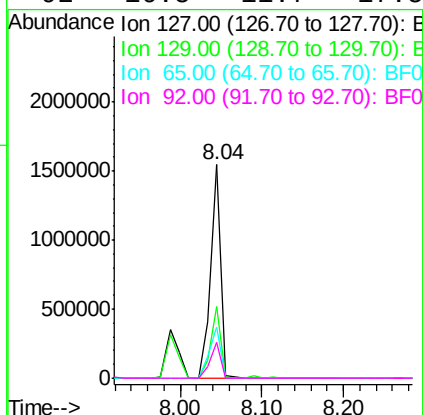
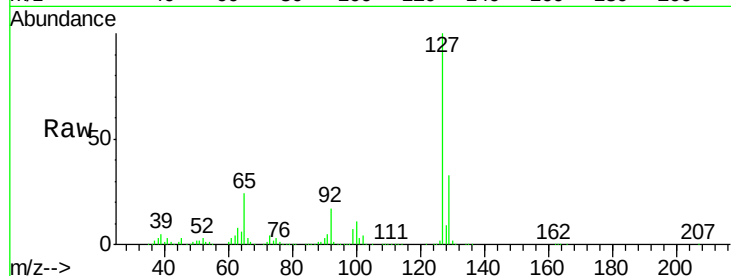
#33
4-Chloroaniline
Concen: 28.65 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.0	40.6
65	23.9	14.7	22.1
92	16.5	11.7	17.5

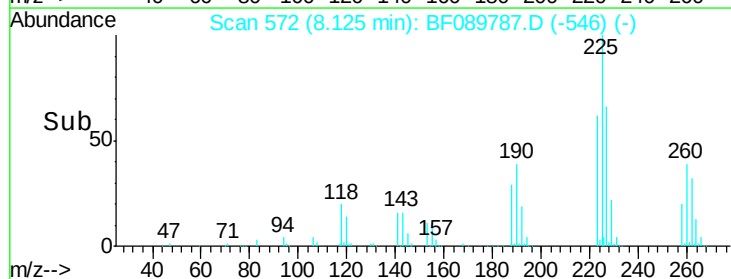
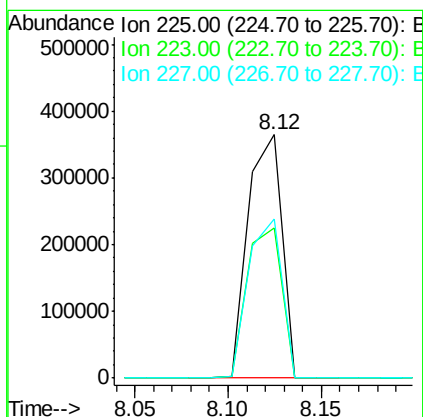
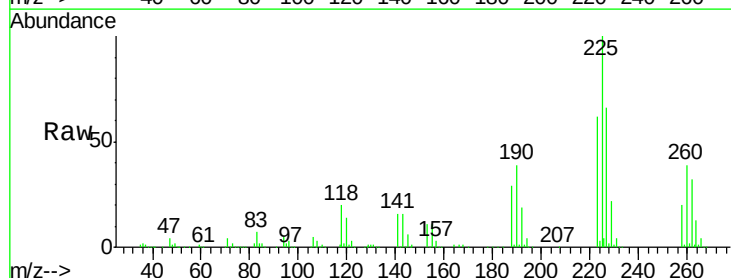
Manual Integrations
APPROVED

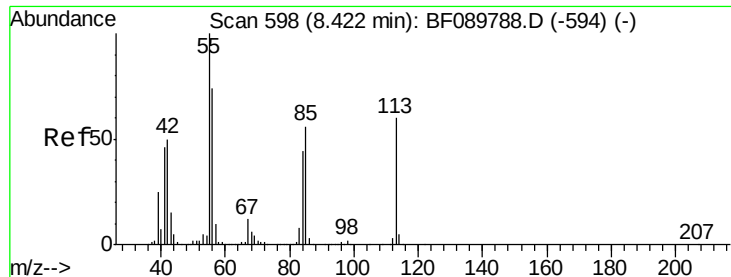
umangi
8/19/2016 4:51:24 PM



#34
Hexachlorobutadiene
Concen: 26.28 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	65.5	49.8	74.6





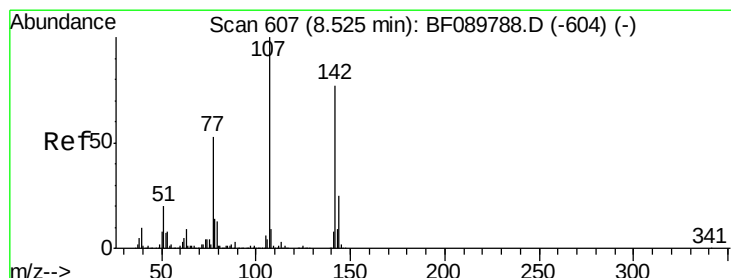
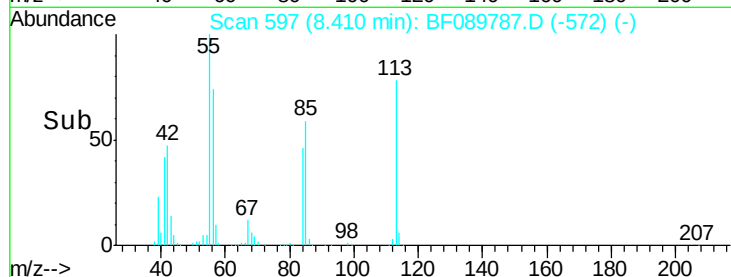
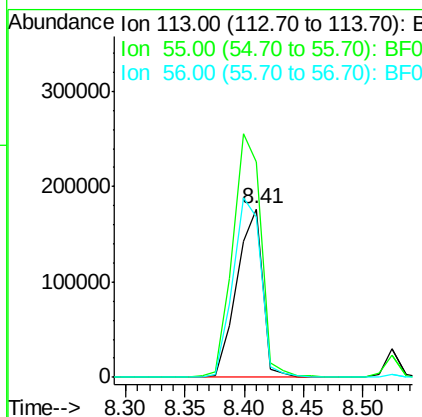
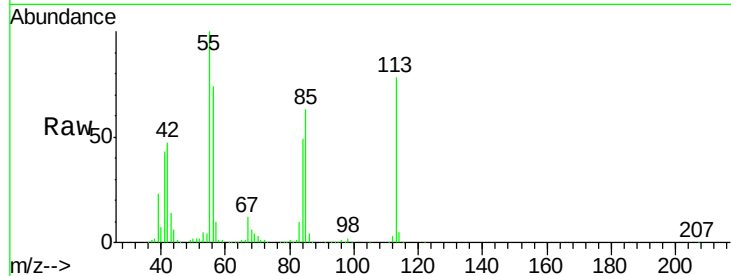
#35
 Caprolactam
 Concen: 27.59 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt	Ion	Ratio	Resp	Lower	Upper
113	100		266968		
55	128.3		135.9	175.9#	
56	95.2		93.9	133.9	

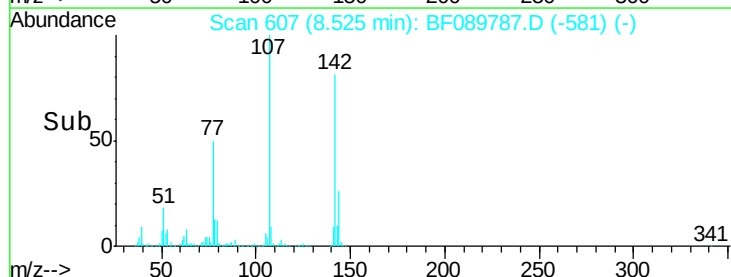
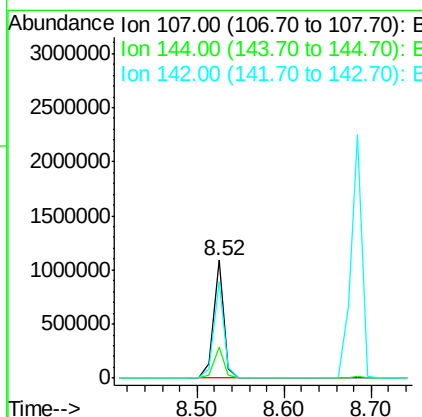
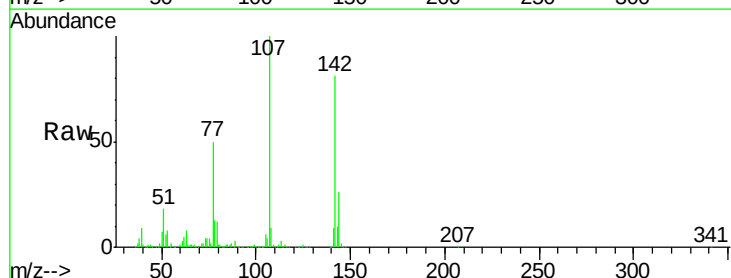
Manual Integrations
 APPROVED

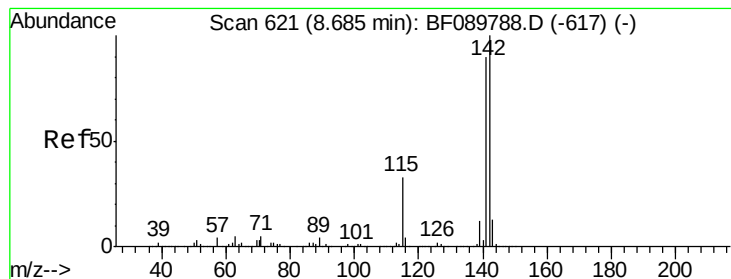
umangi
 8/19/2016 4:51:24 PM



#36
 4-Chloro-3-methylphenol
 Concen: 26.58 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt	Ion	Ratio	Resp	Lower	Upper
107	100		908608		
144	26.4		22.6	34.0	
142	81.2		69.3	103.9	





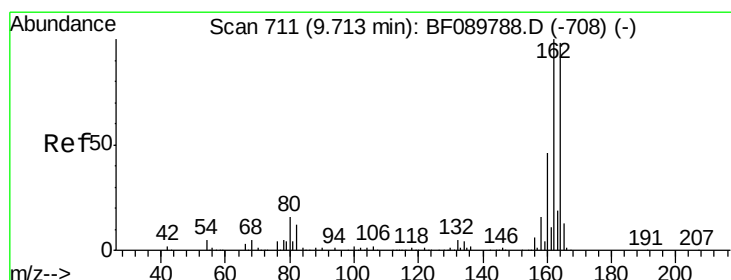
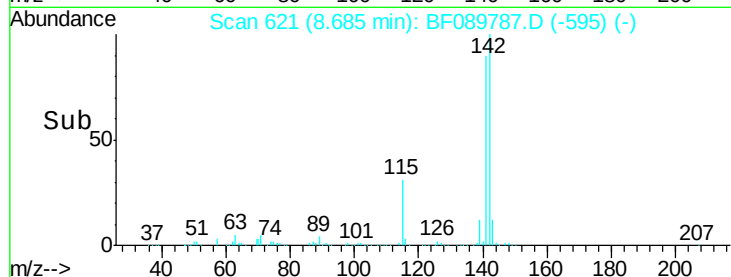
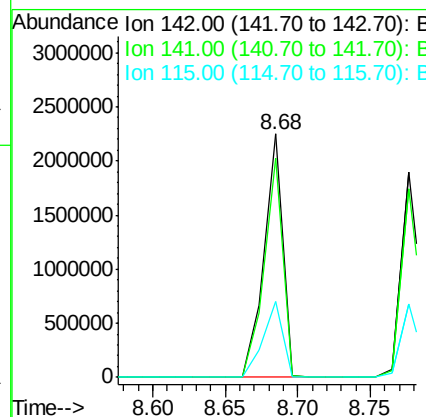
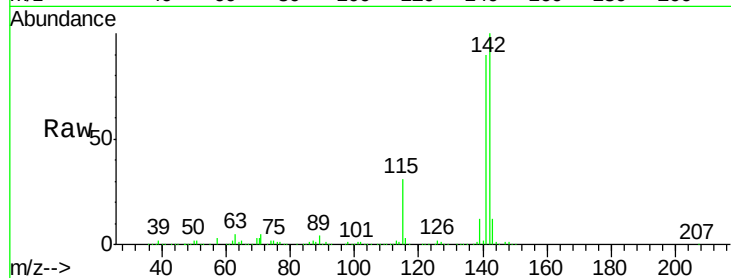
#37
 2-Methylnaphthalene
 Concen: 28.85 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	31.1	22.7	34.1

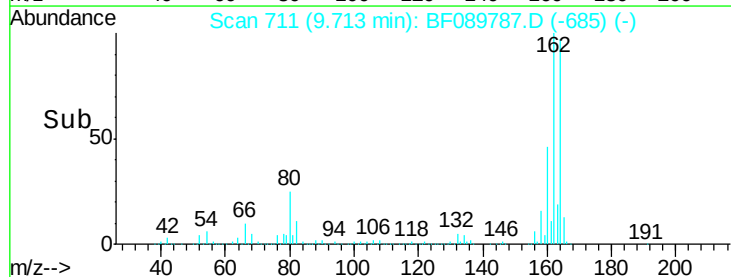
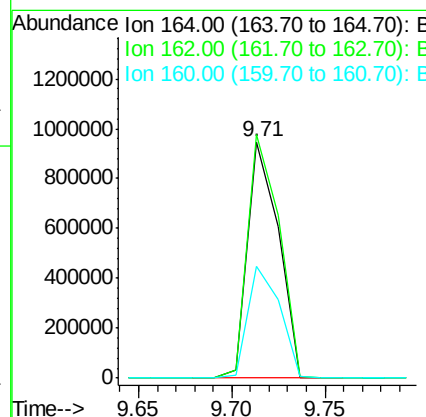
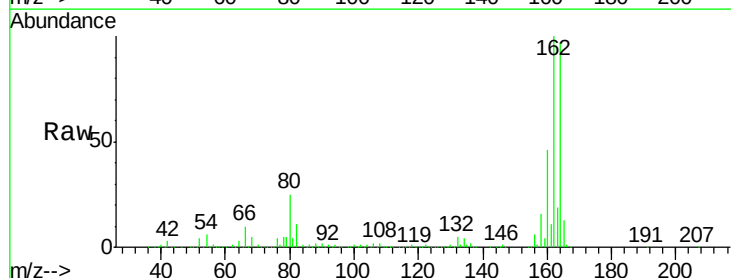
Manual Integrations
 APPROVED

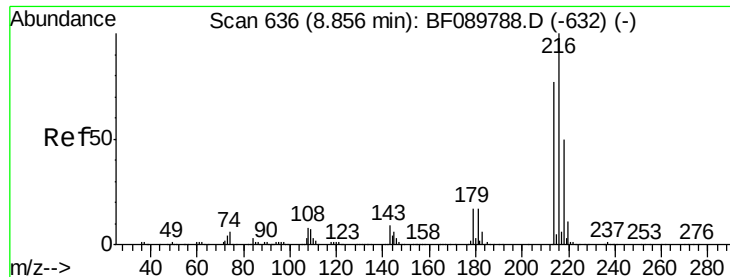
umangi
 8/19/2016 4:51:24 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.2
160	47.2	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.44 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

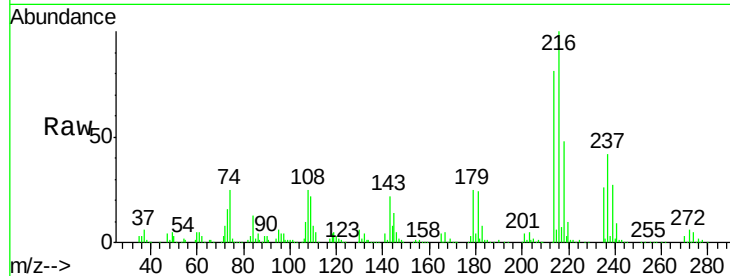
ClientSampleId :

SSTDIC025

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		891917		
214	79.2		63.5	95.3	
179	22.3		19.9	29.9	
108	20.7		19.9	29.9	

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM

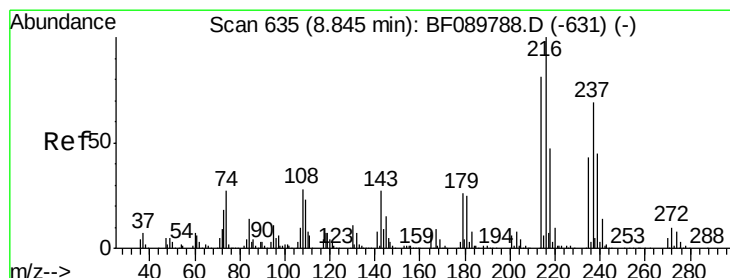
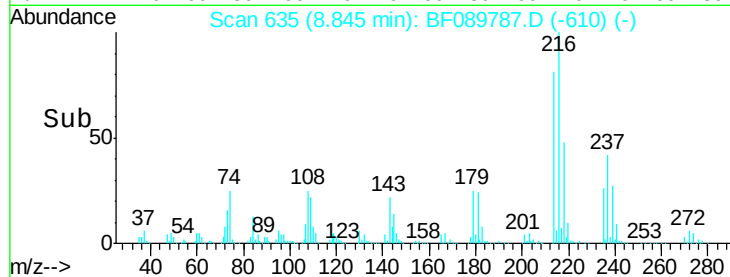
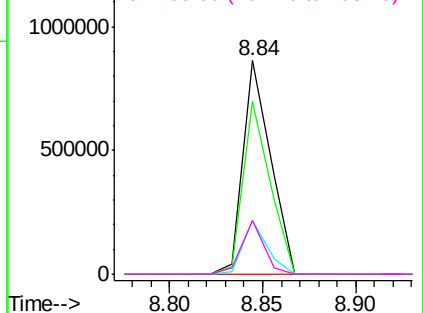


Abundance Ion 216.00 (215.70 to 216.70): E

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: 21.21 ng

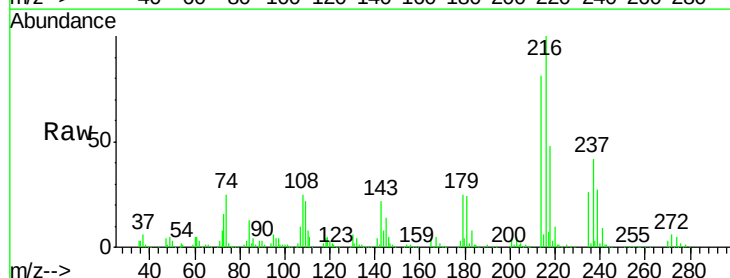
RT: 8.84 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

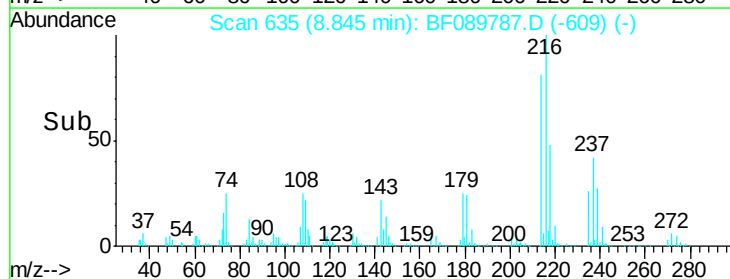
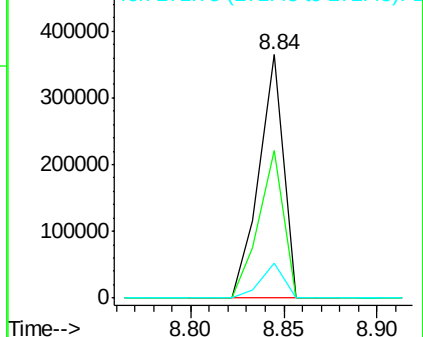
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		331422		
235	60.4		43.7	83.7	
272	14.5		0.0	31.6	

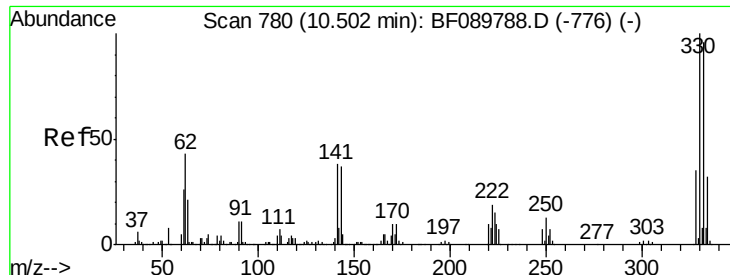


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





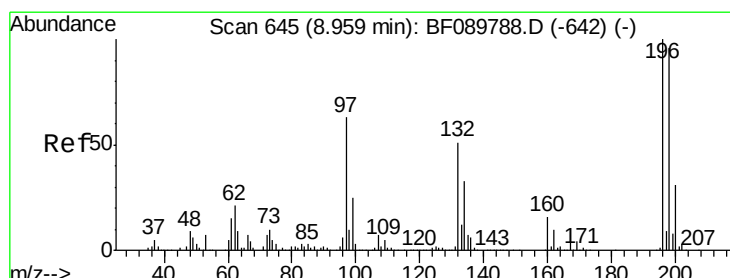
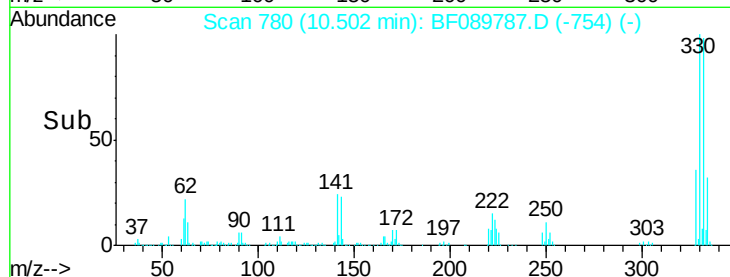
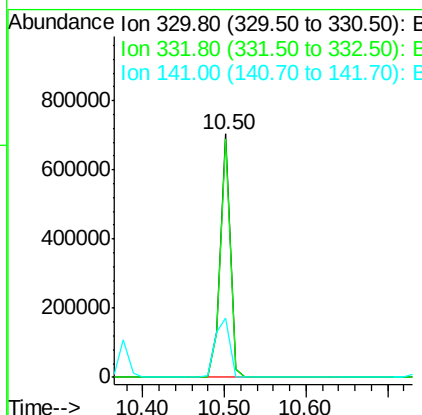
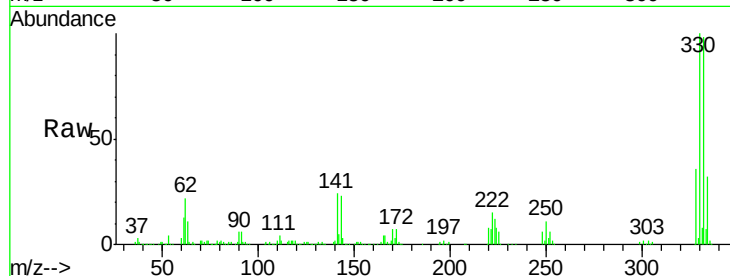
#41
 2,4,6-Tribromophenol
 Concen: 56.46 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	595780		
332	97.8	76.7	115.1	
141	35.9	30.2	45.2	

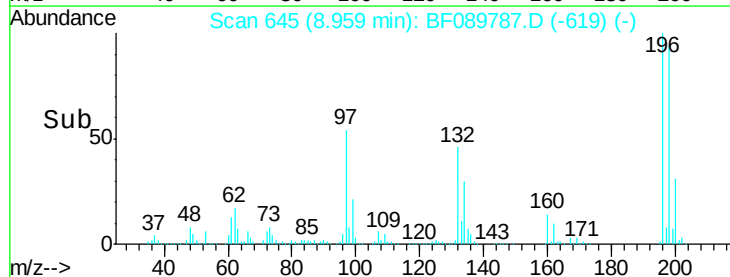
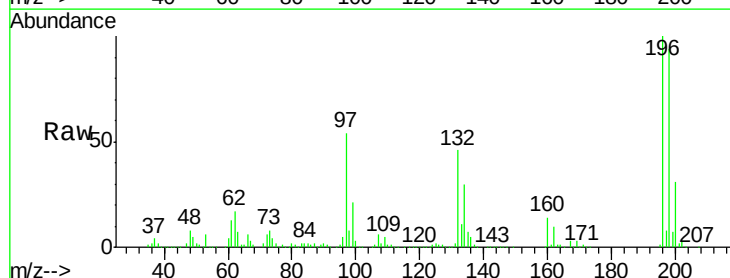
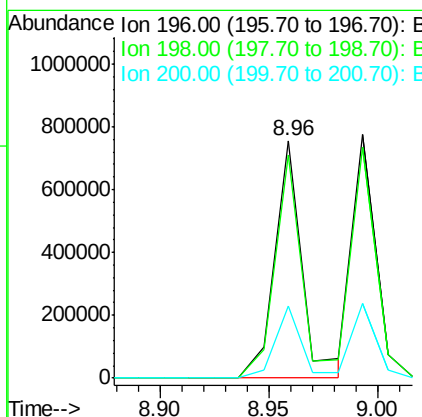
Manual Integrations
 APPROVED

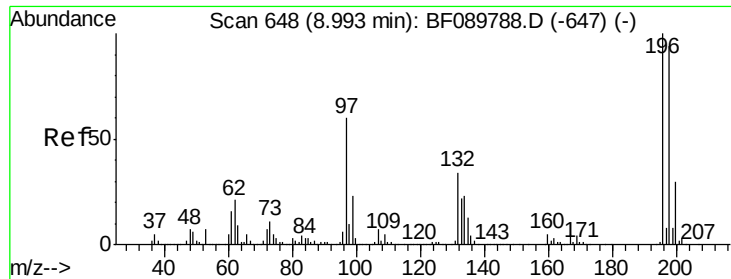
umangi
 8/19/2016 4:51:24 PM



#42
 2,4,6-Trichlorophenol
 Concen: 29.38 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	665552		
198	93.9	76.3	114.5	
200	30.6	24.6	36.8	





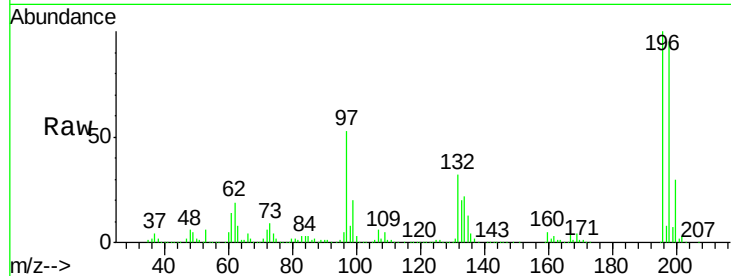
#43
 2,4,5-Trichlorophenol
 Concen: 27.31 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

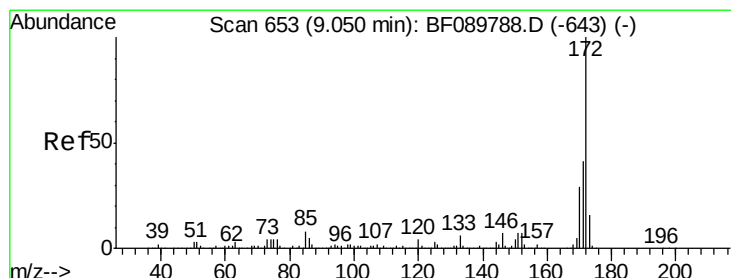
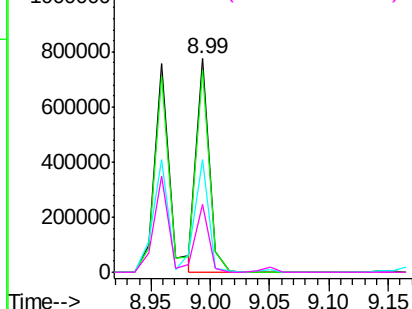
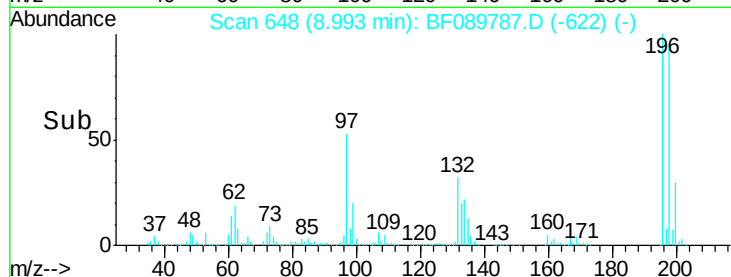
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	589752		
198	94.7	76.6	114.8	
97	53.0	35.8	53.8	
132	31.8	23.5	35.3	

Manual Integrations
 APPROVED

umangi
 8/19/2016 4:51:24 PM

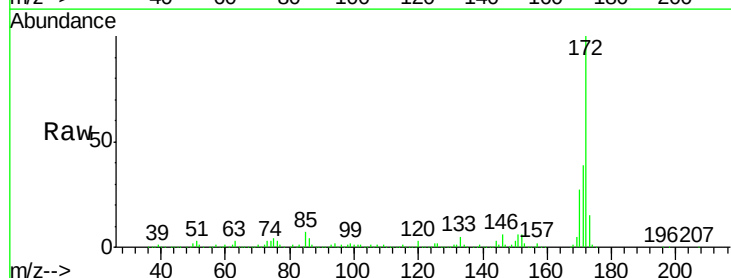


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

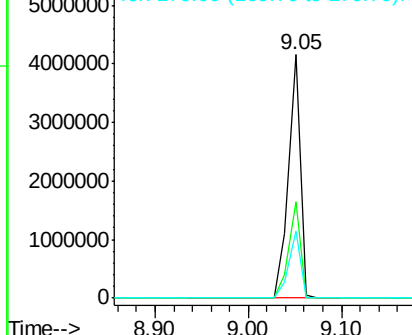
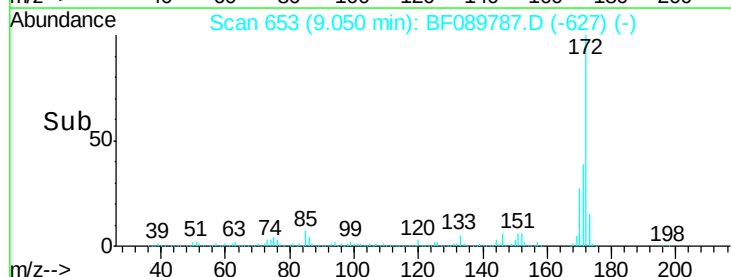


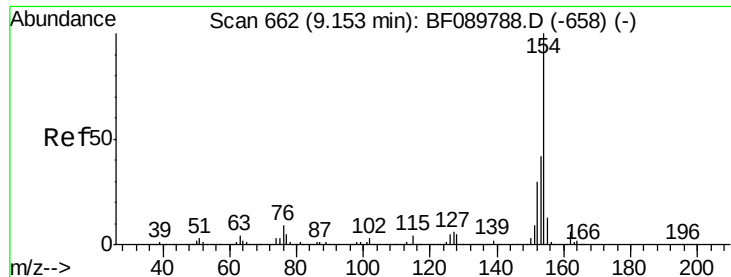
#44
 2-Fluorobiphenyl
 Concen: 53.75 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3653418		
171	39.4	30.5	45.7	
170	27.3	20.6	31.0	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





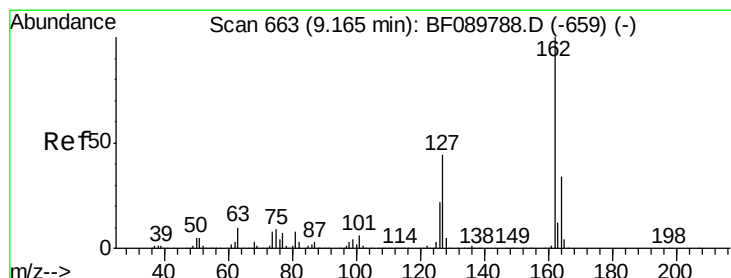
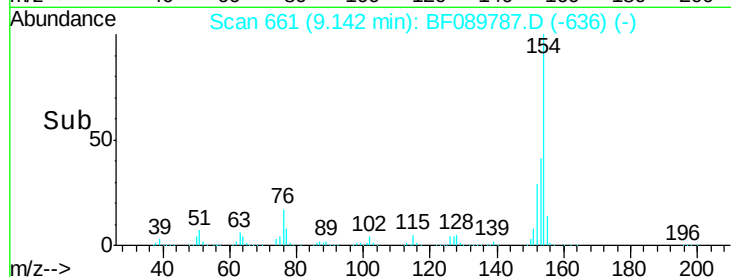
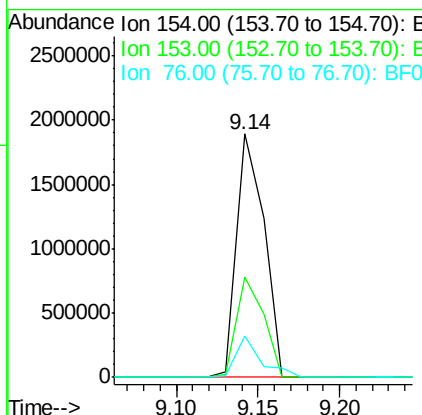
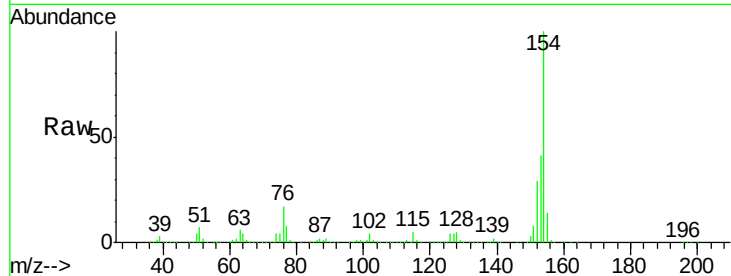
#45
 1,1'-Biphenyl
 Concen: 24.12 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:154 Resp: 2178653
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.5 61.5
 76 17.0 0.0 36.7

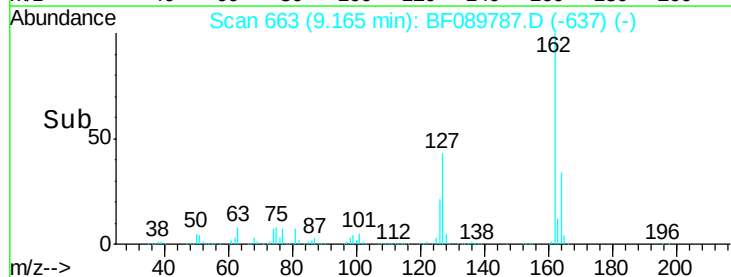
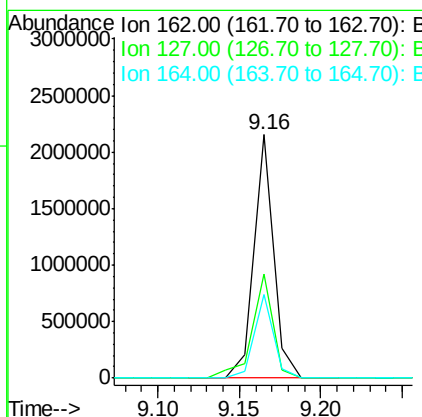
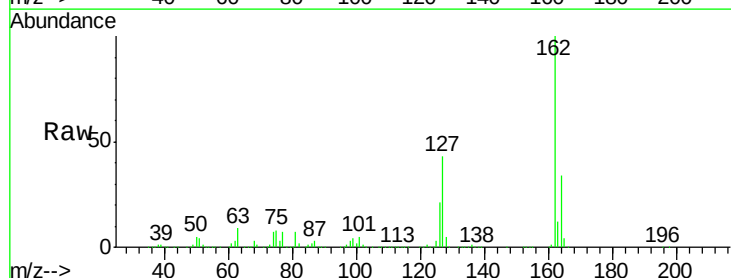
Manual Integrations
 APPROVED

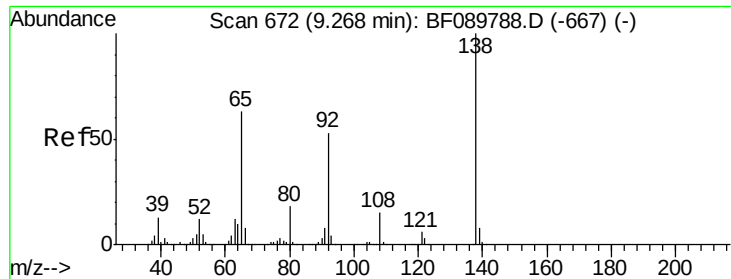
umangi
 8/19/2016 4:51:24 PM



#46
 2-Chloronaphthalene
 Concen: 26.63 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:162 Resp: 1802427
 Ion Ratio Lower Upper
 162 100
 127 42.9 35.5 53.3
 164 34.4 26.6 40.0





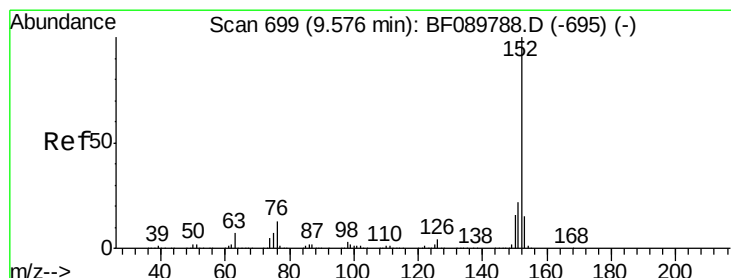
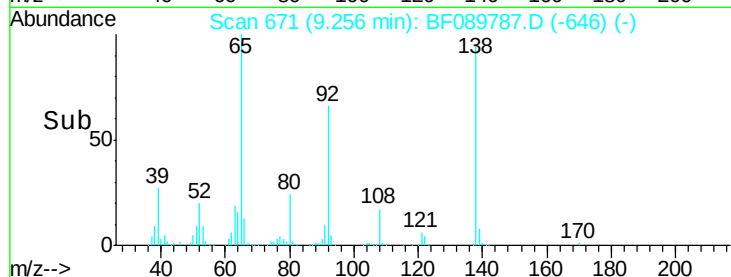
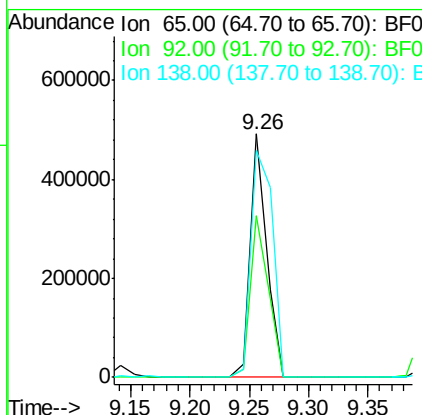
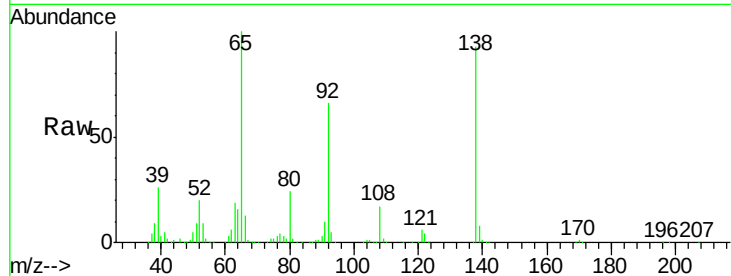
#47
 2-Nitroaniline
 Concen: 23.25 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	479521		
92	66.4	56.3	84.5	
138	93.5	81.8	122.8	

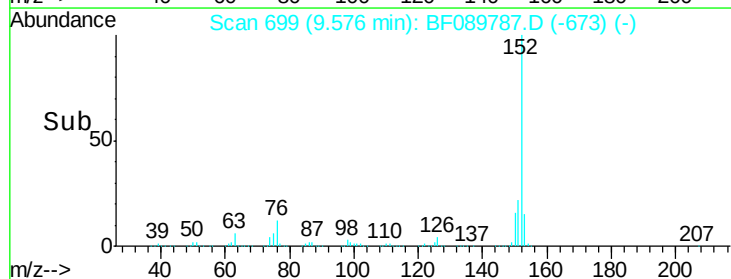
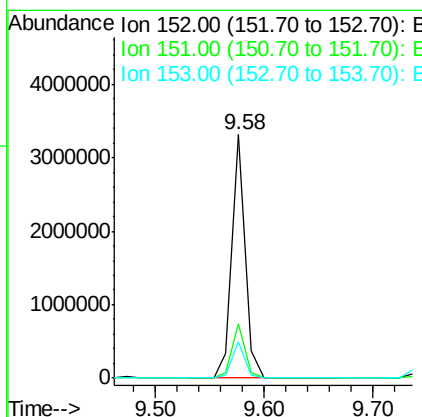
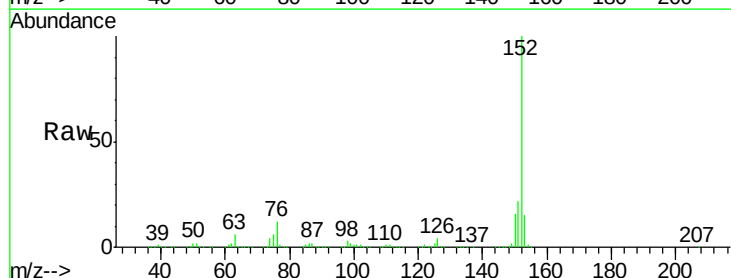
Manual Integrations
 APPROVED

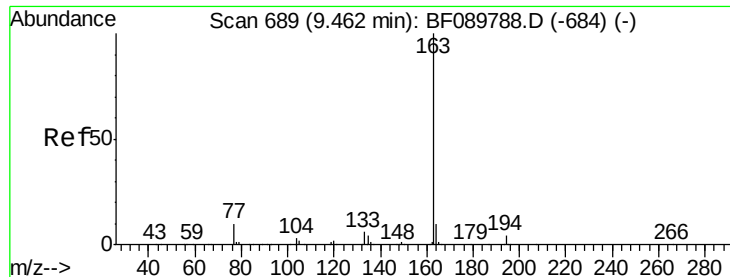
umangi
 8/19/2016 4:51:24 PM



#48
 Acenaphthylene
 Concen: 26.59 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	2771235		
151	22.2	17.1	25.7	
153	14.7	11.2	16.8	





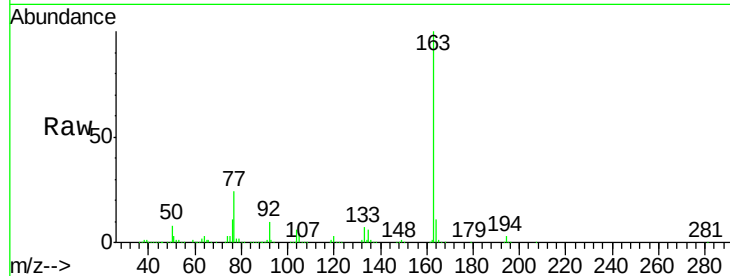
#49
Dimethylphthalate
Concen: 25.08 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

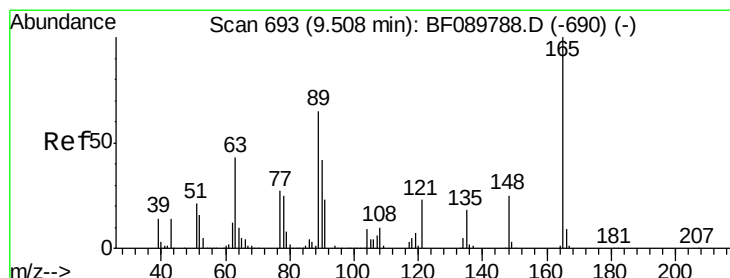
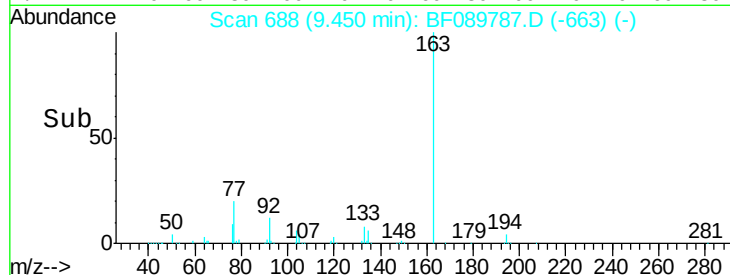
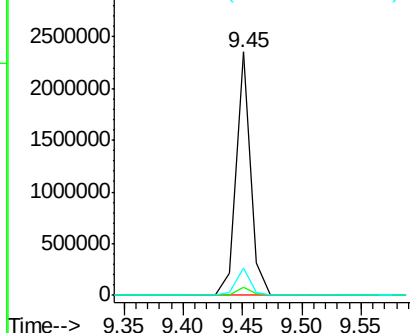
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	3.8
164	11.1	8.6	12.8

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM

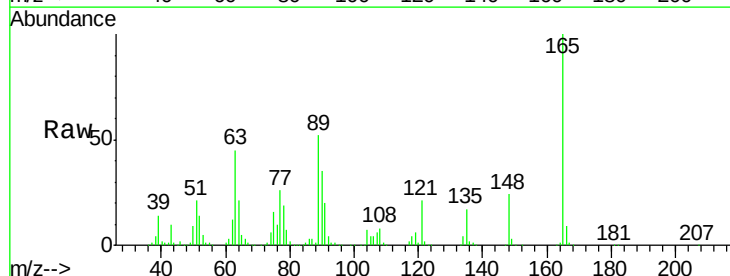


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

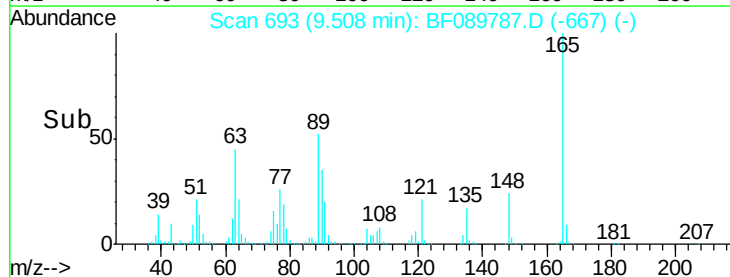
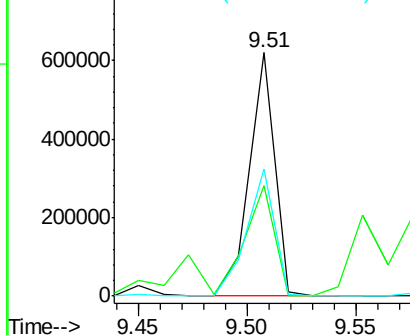


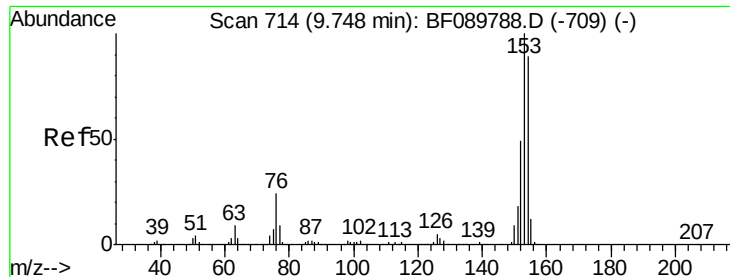
#50
2,6-Dinitrotoluene
Concen: 28.26 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.3	41.7	62.5
89	52.2	44.6	67.0



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





#51

Acenaphthene

Concen: 24.90 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampled :

SSTDICC025

Tgt Ion:154 Resp: 1750569

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

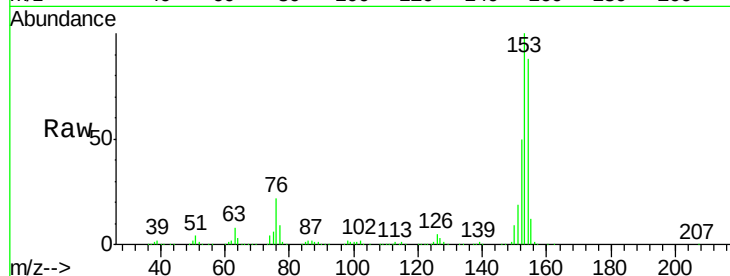
152 56.3 44.6 67.0

Manual Integrations

APPROVED

umangi

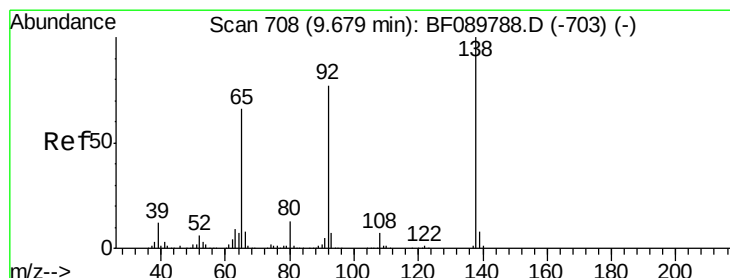
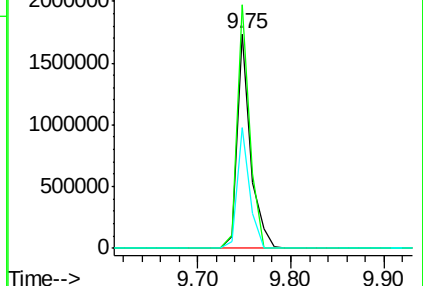
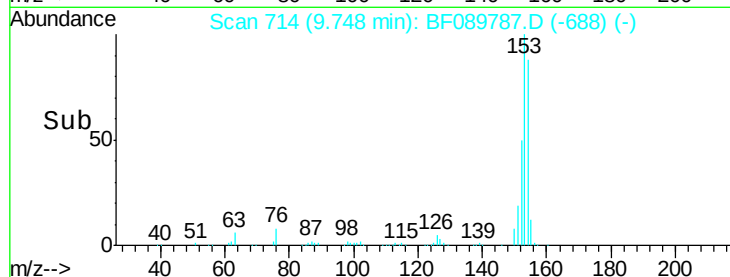
8/19/2016 4:51:24 PM



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: 23.33 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

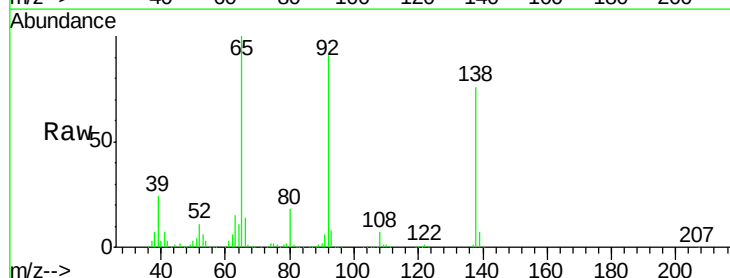
Tgt Ion:138 Resp: 484584

Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

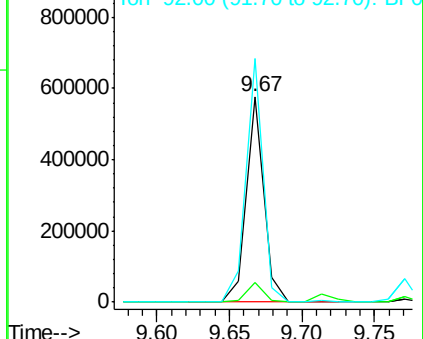
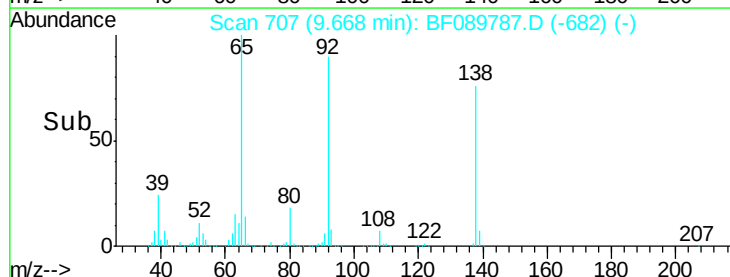
92 118.6 92.7 139.1

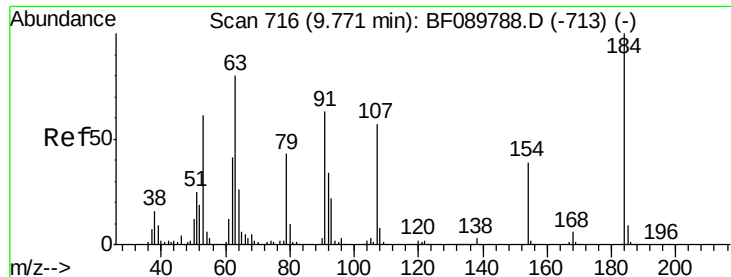


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





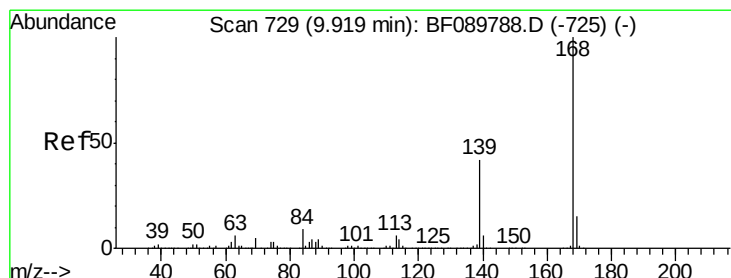
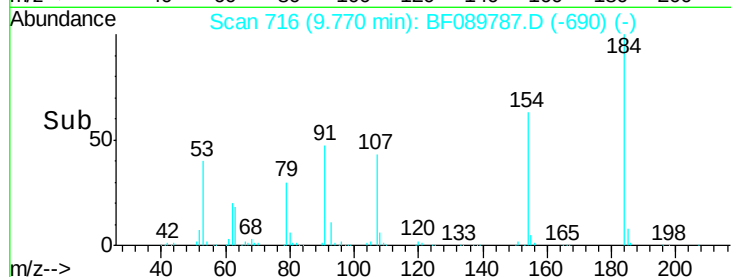
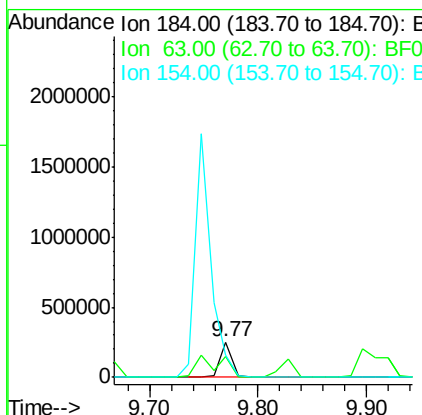
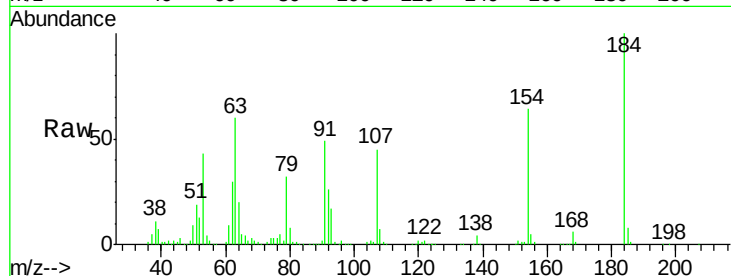
#53
2,4-Dinitrophenol
Concen: 31.17 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	54.2	81.4
154	63.7	52.7	79.1

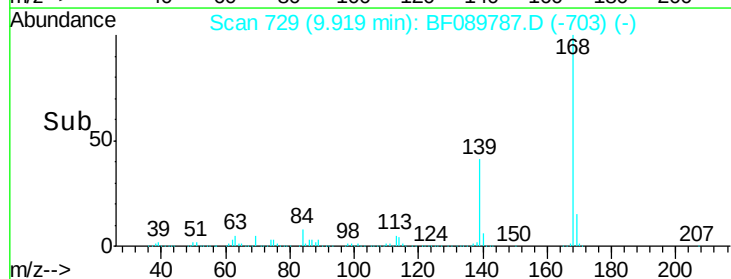
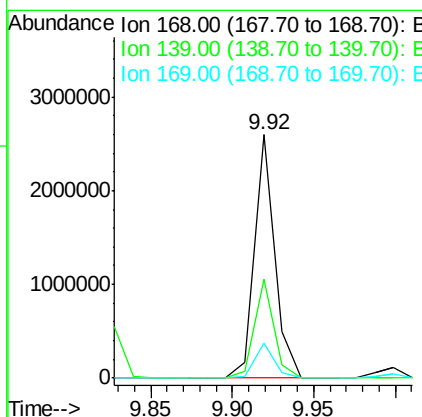
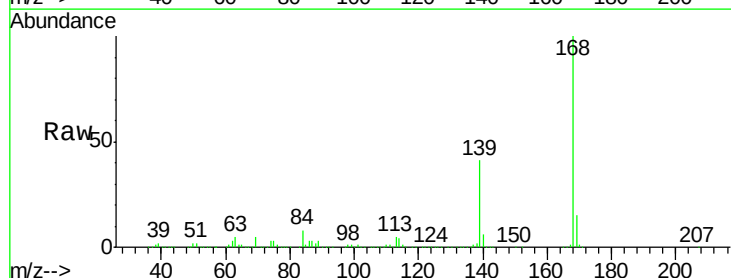
Manual Integrations
APPROVED

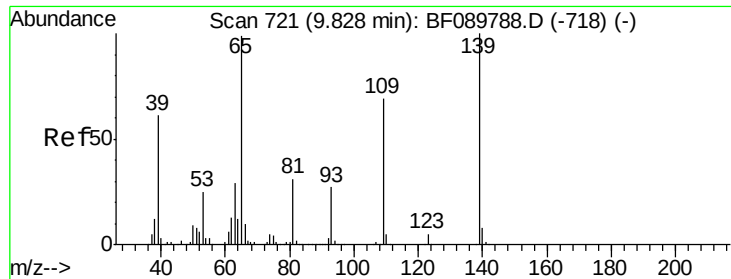
umangi
8/19/2016 4:51:24 PM



#54
Dibenzofuran
Concen: 25.85 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	34.6	52.0
169	14.6	11.5	17.3





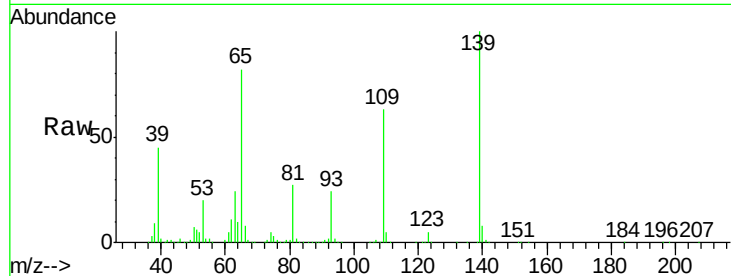
#55
4-Nitrophenol
Concen: 28.93 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

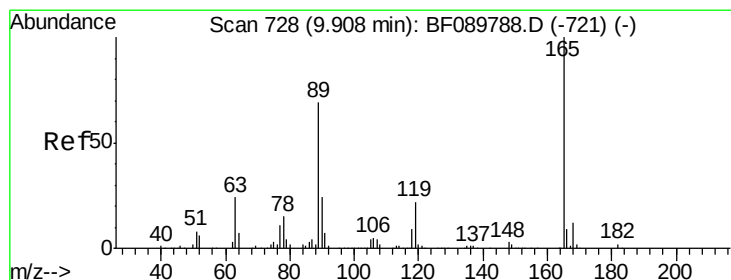
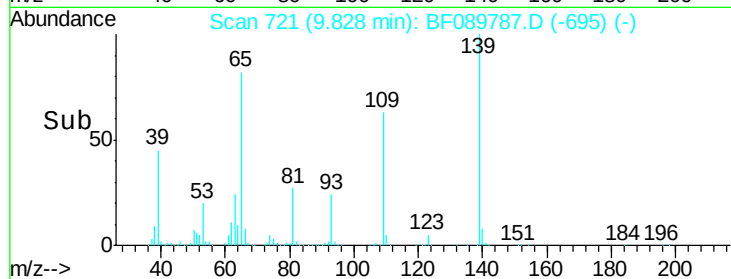
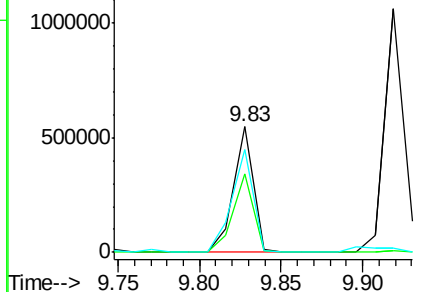
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	462204		
109	62.9	43.0	83.0	
65	81.8	55.7	95.7	

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



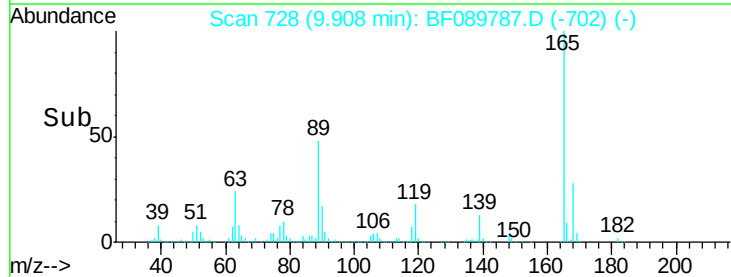
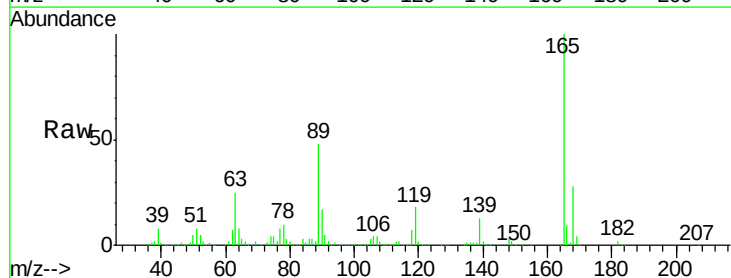
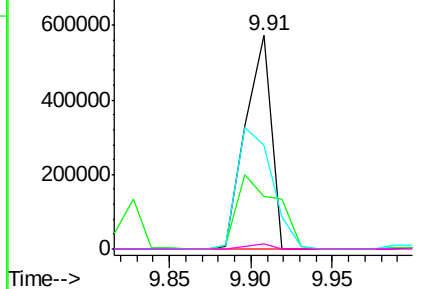
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

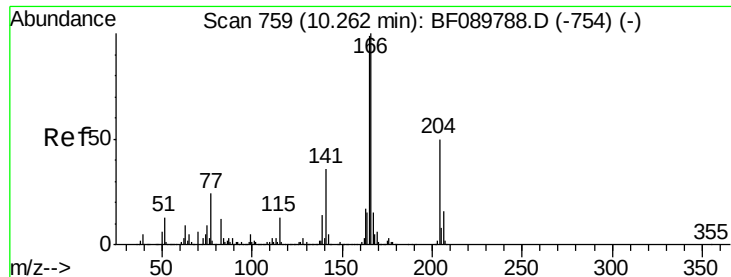


#56
2,4-Dinitrotoluene
Concen: 27.26 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	625886		
63	24.5	23.7	35.5	
89	48.4	44.0	66.0	
182	2.3	2.0	3.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





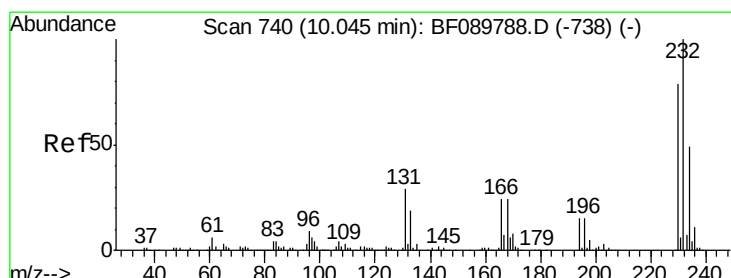
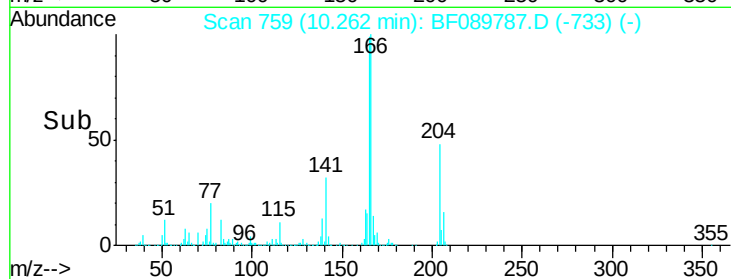
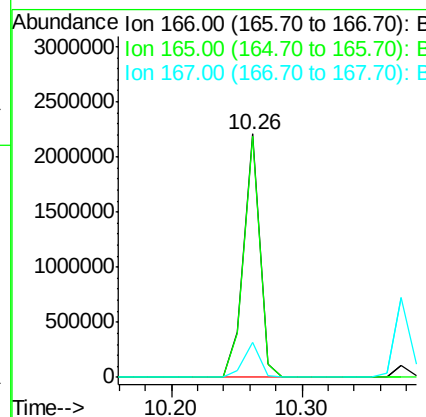
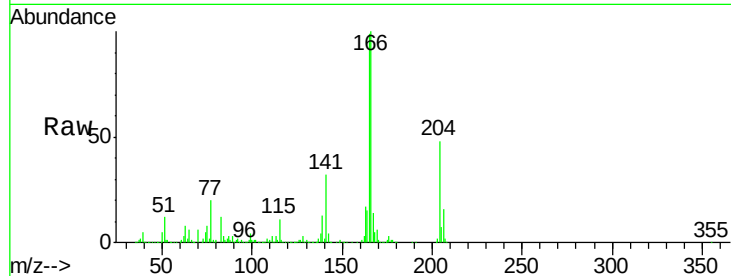
#57
 Fluorene
 Concen: 26.92 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.2	120.4
167	14.4	11.3	16.9

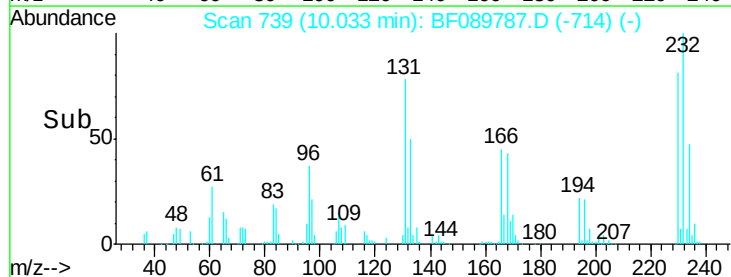
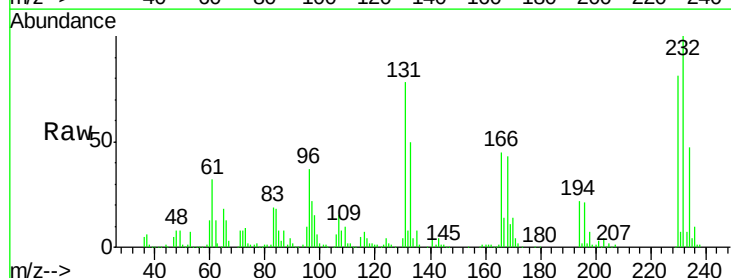
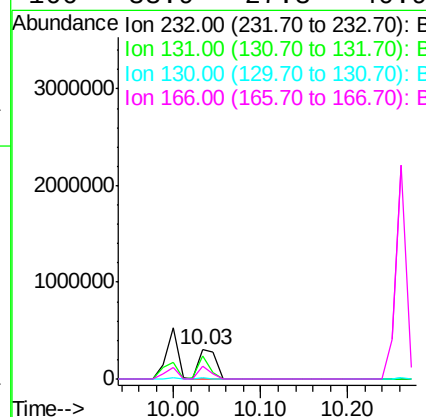
Manual Integrations
 APPROVED

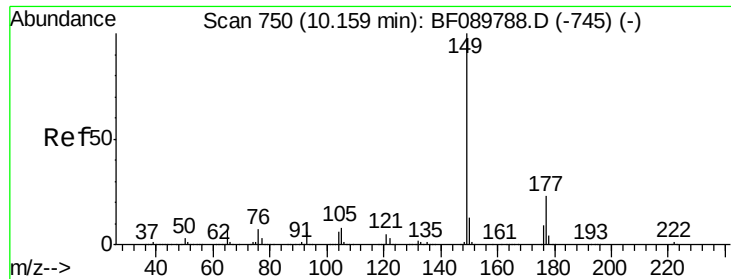
umangi
 8/19/2016 4:51:24 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.50 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.6	42.5	63.7
130	2.5	2.2	3.4
166	33.9	27.3	40.9





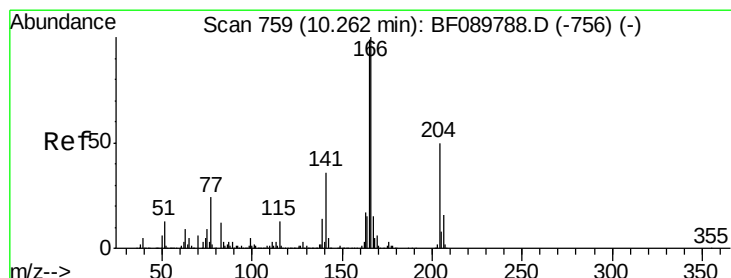
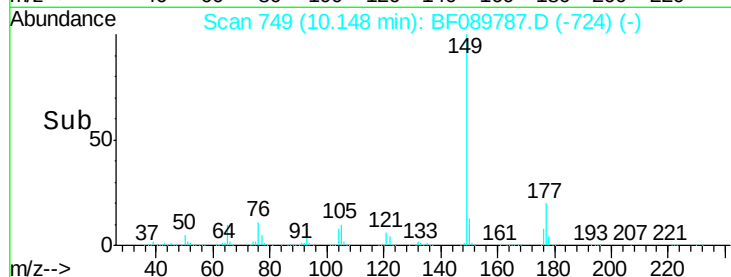
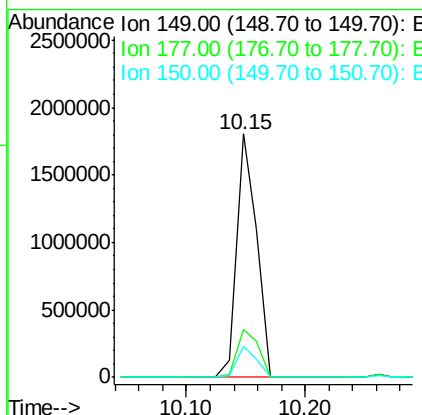
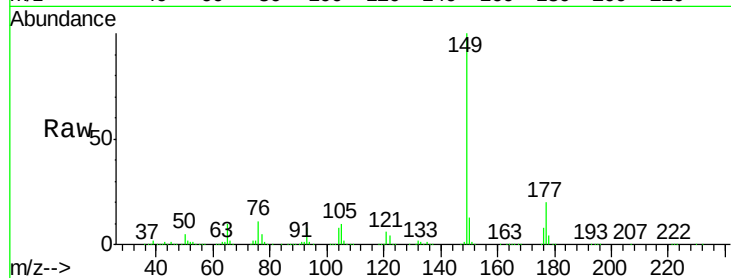
#59
Diethylphthalate
Concen: 26.10 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	16.6	25.0
150	12.9	10.5	15.7

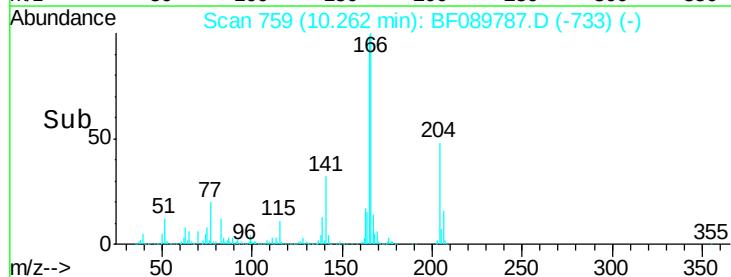
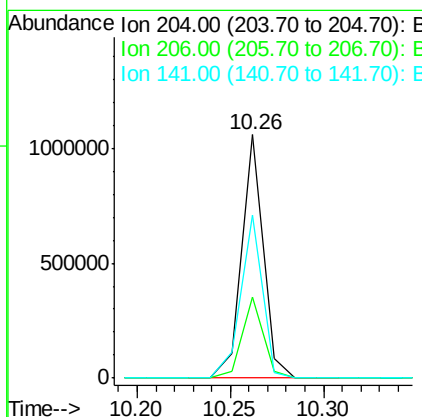
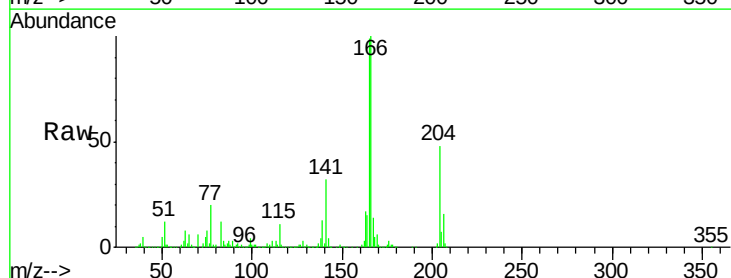
Manual Integrations
APPROVED

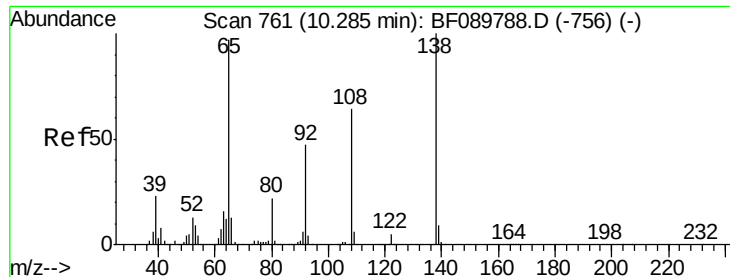
umangi
8/19/2016 4:51:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 25.05 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	67.0	54.1	81.1





#61

4-Nitroaniline

Concen: 22.94 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

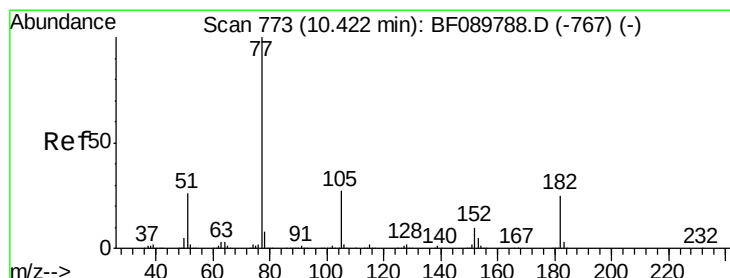
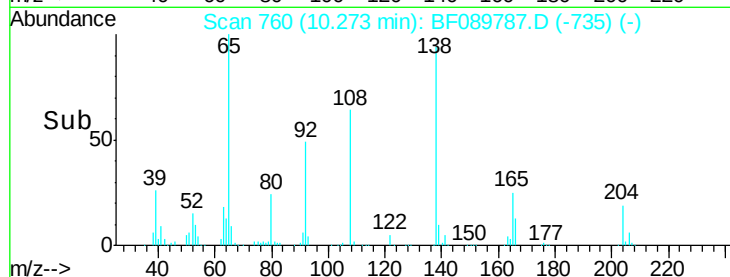
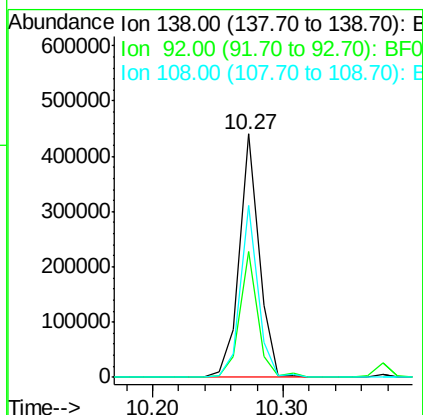
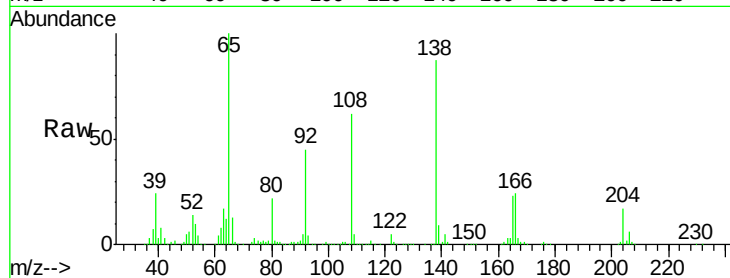
ClientSampleId :

SSTDICC025

Tgt Ion:	138	Resp:	462516
Ion Ratio	Lower	Upper	
138	100		
92	51.9	26.4	66.4
108	70.8	47.0	87.0

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



#62

Azobenzene

Concen: 27.88 ng

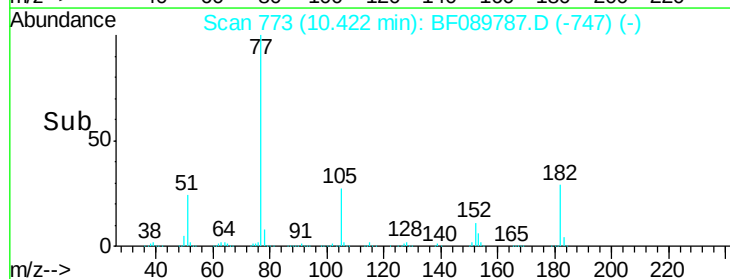
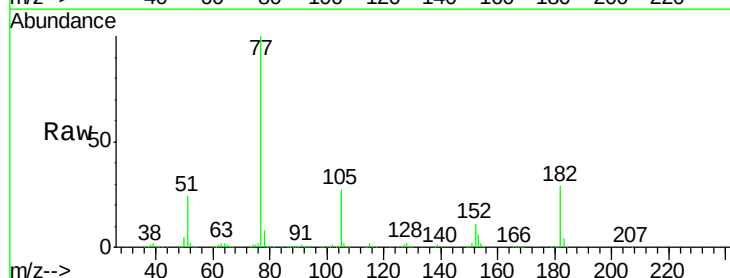
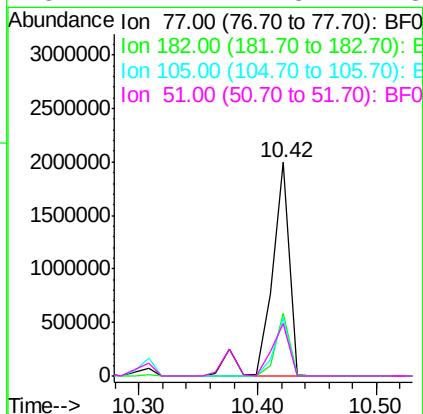
RT: 10.42 min Scan# 773

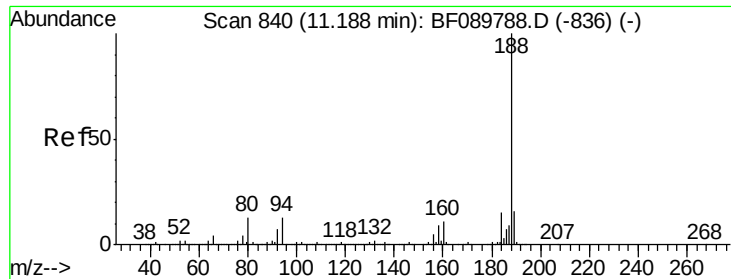
Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	77	Resp:	2107803
Ion Ratio	Lower	Upper	
77	100		
182	29.3	5.6	45.6
105	27.2	4.0	44.0
51	24.4	7.8	47.8





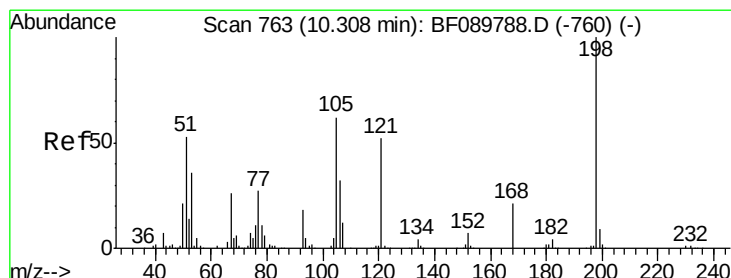
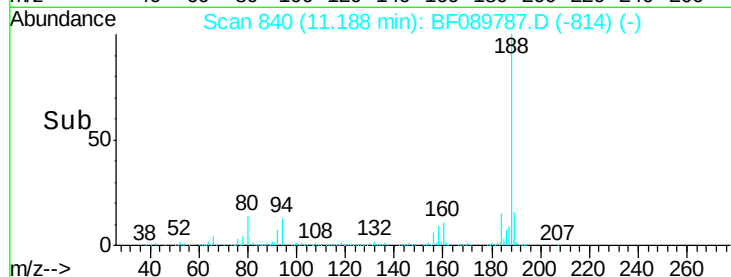
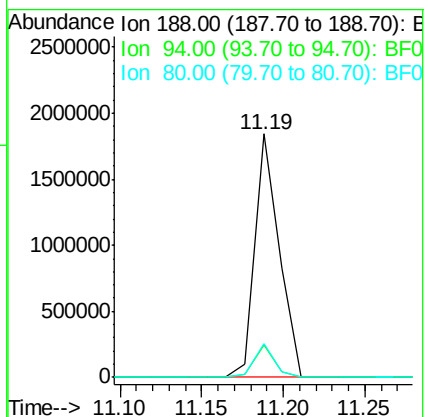
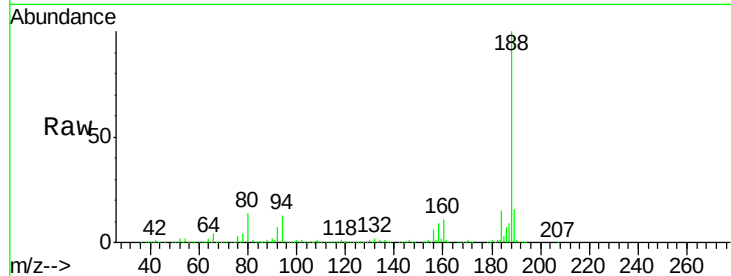
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.2	15.2
80	14.0	10.9	16.3

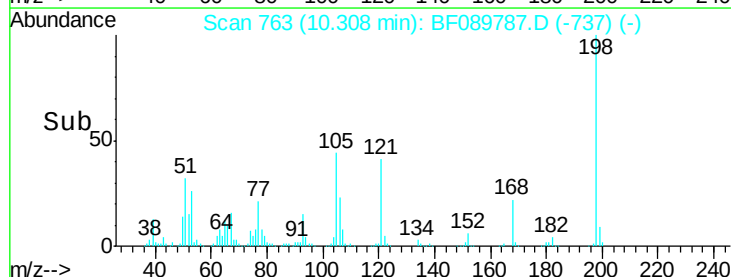
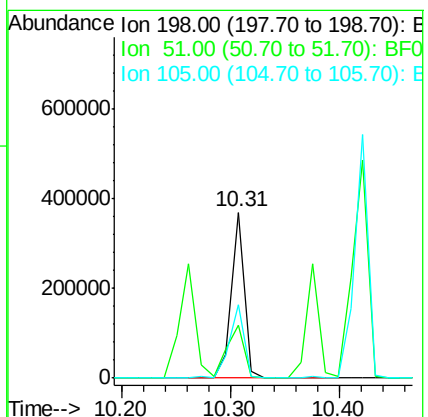
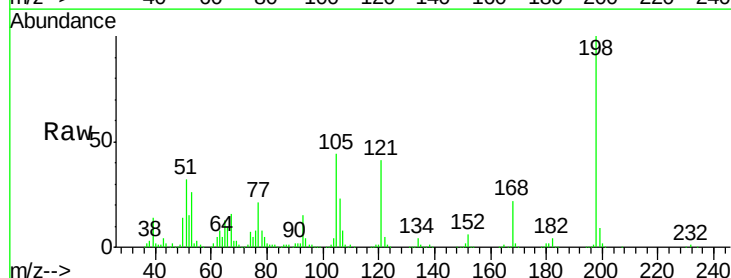
Manual Integrations
APPROVED

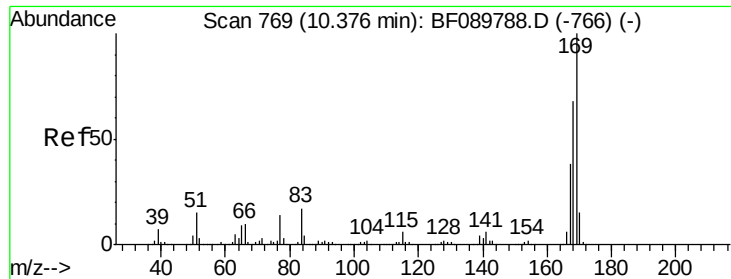
umangi
8/19/2016 4:51:24 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 27.38 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	32.3	32.3	72.3#
105	44.0	32.9	72.9





#65

n-Nitrosodiphenylamine

Concen: 26.59 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

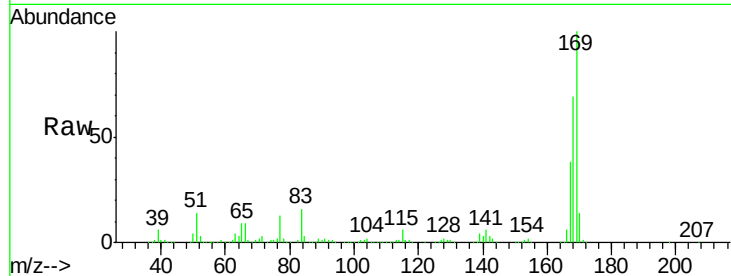
ClientSampleId :

SSTDICC025

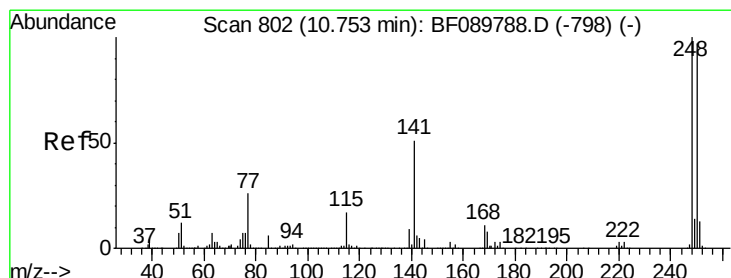
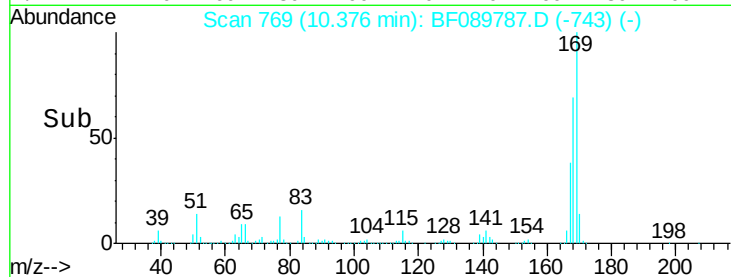
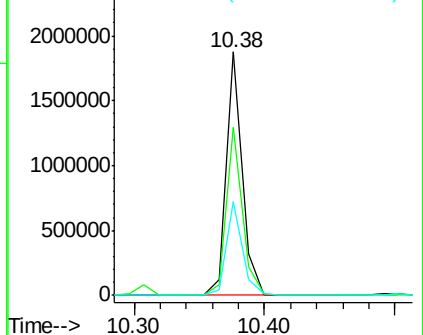
Tgt Ion:	169	Resp:	1591697
Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.6	82.0
167	38.3	30.6	45.8

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 27.18 ng

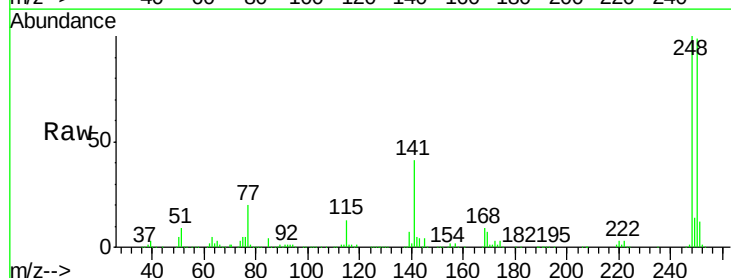
RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

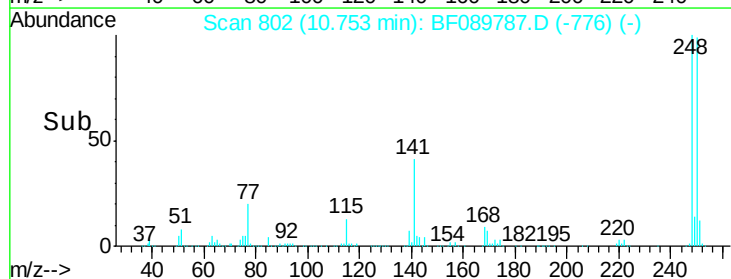
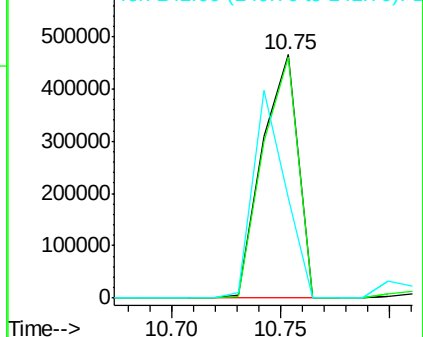
Lab File: BF089787.D

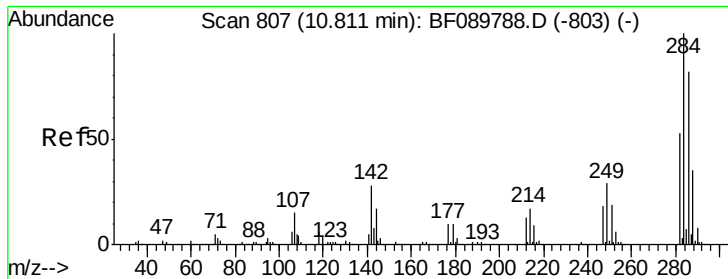
Acq: 19 Aug 2016 10:48

Tgt Ion:	248	Resp:	536997
Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.6	117.8
141	41.0	31.4	47.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 29.72 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

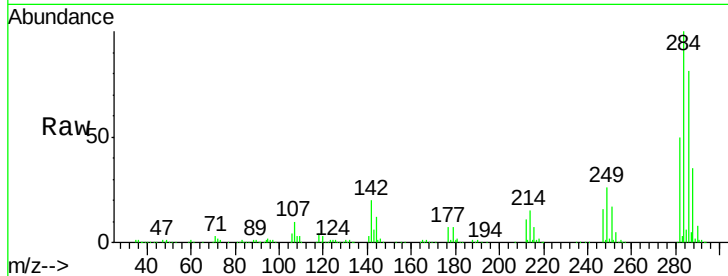
ClientSampleId :

SSTDIC025

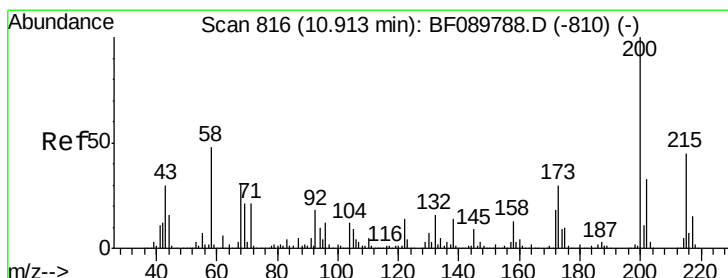
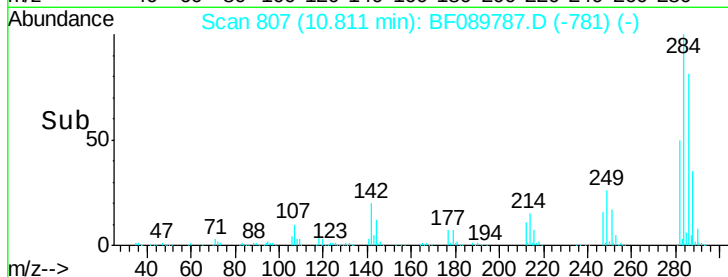
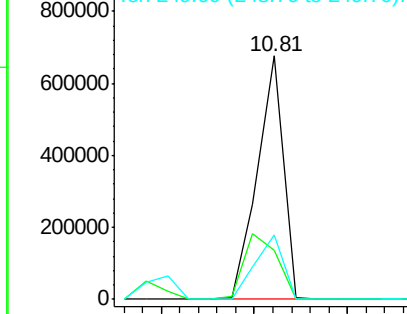
Tgt Ion:	284	Resp:	652626
Ion Ratio	Lower	Upper	
284	100		
142	19.9	17.4	26.2
249	26.2	22.8	34.2

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



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



#68

Atrazine

Concen: 29.96 ng

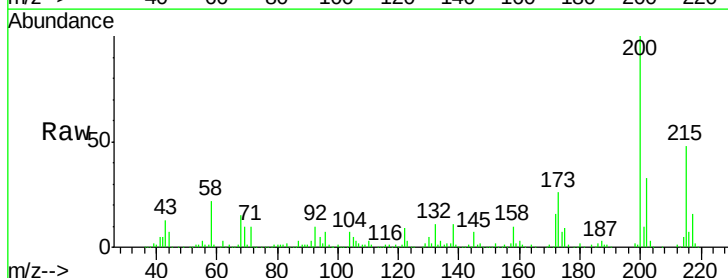
RT: 10.91 min Scan# 816

Delta R.T. -0.00 min

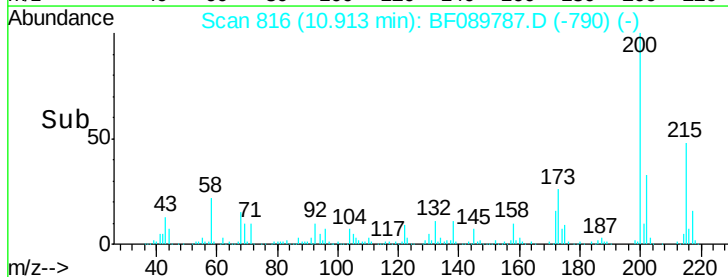
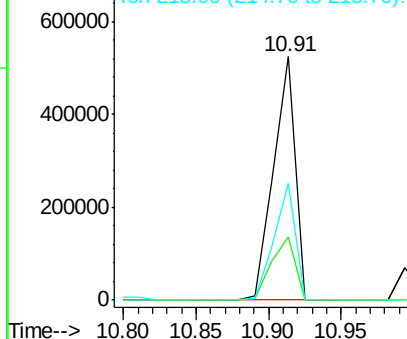
Lab File: BF089787.D

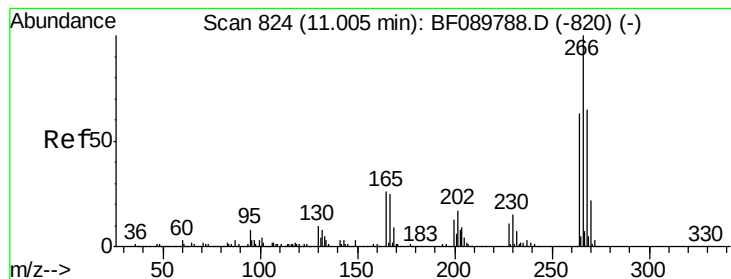
Acq: 19 Aug 2016 10:48

Tgt Ion:	200	Resp:	543262
Ion Ratio	Lower	Upper	
200	100		
173	25.8	6.6	46.6
215	48.2	24.7	64.7



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





#69

Pentachlorophenol

Concen: 25.64 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

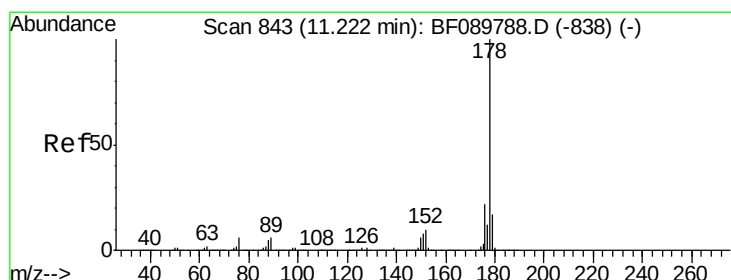
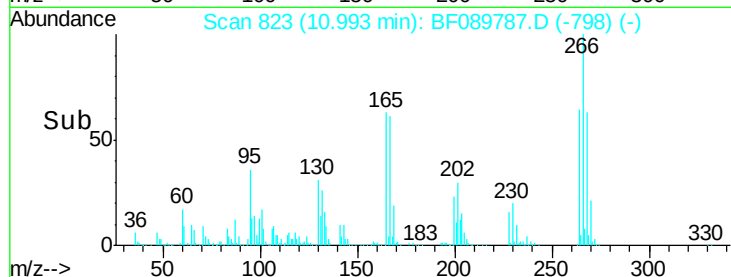
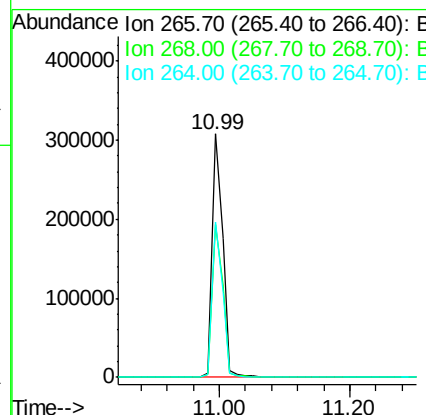
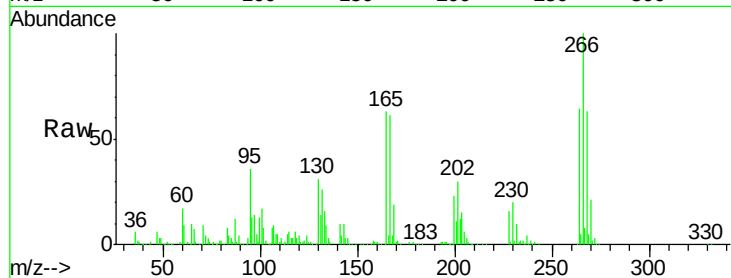
ClientSampleId :

SSTDIC025

Tgt Ion:	266	Resp:	350794
Ion Ratio	Lower	Upper	
266	100		
268	62.7	53.2	79.8
264	63.9	51.1	76.7

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



#70

Phenanthrene

Concen: 28.00 ng

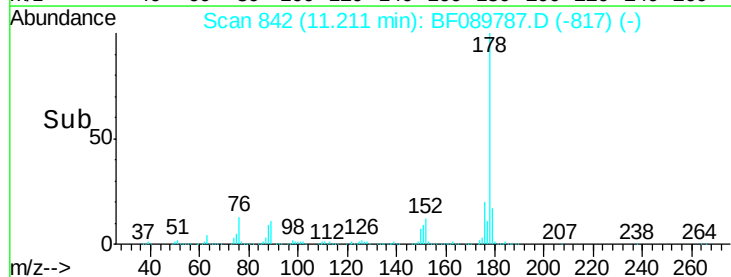
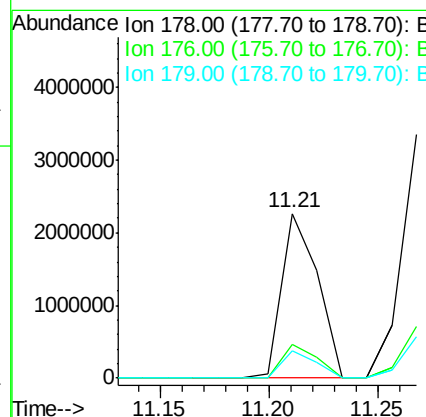
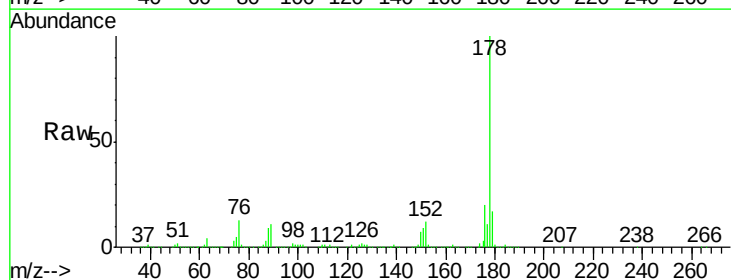
RT: 11.21 min Scan# 842

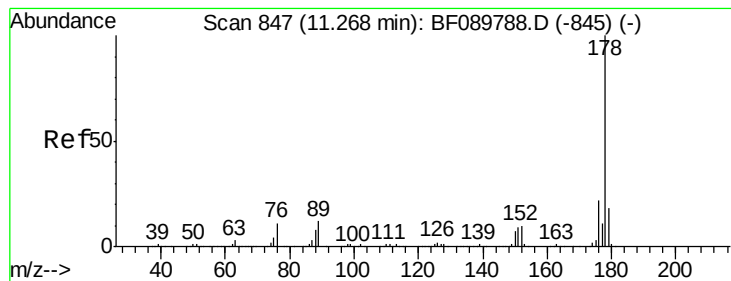
Delta R.T. -0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:	178	Resp:	2625186
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.4	24.6
179	16.7	12.5	18.7





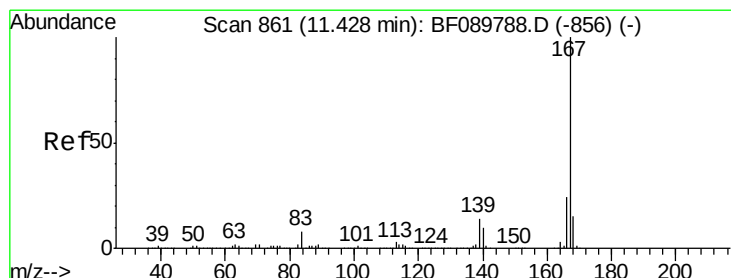
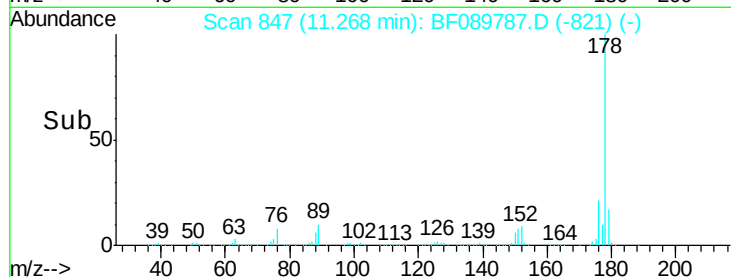
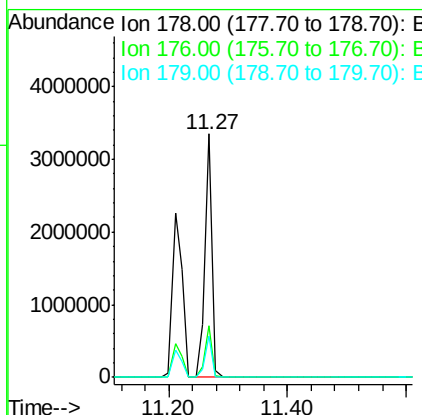
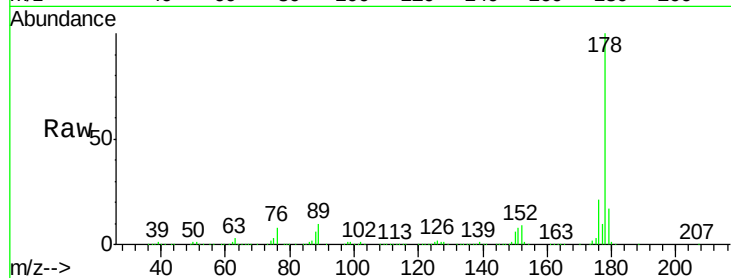
#71
 Anthracene
 Concen: 29.37 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:178 Resp: 2877130
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.4 24.6
 179 17.0 13.1 19.7

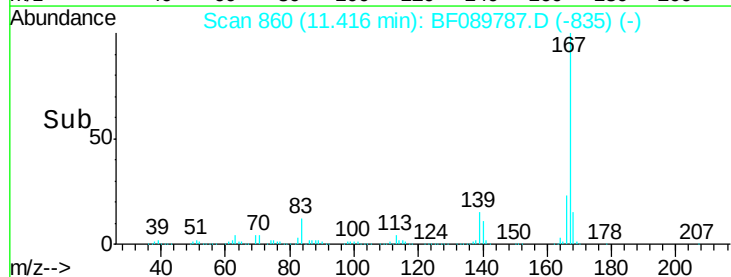
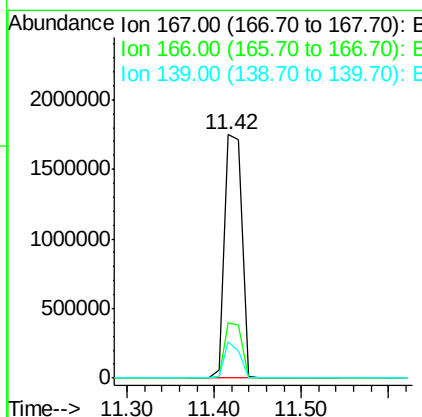
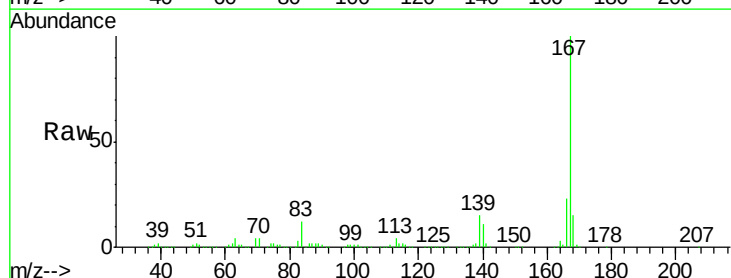
Manual Integrations
 APPROVED

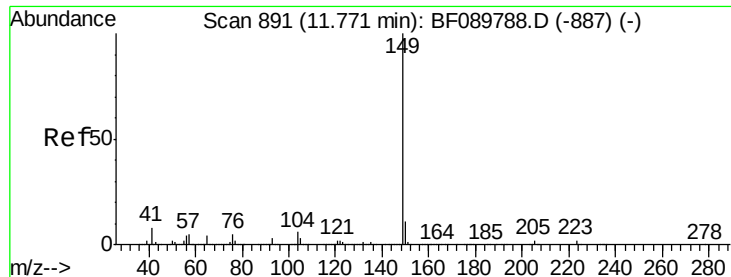
umangi
 8/19/2016 4:51:24 PM



#72
 Carbazole
 Concen: 26.25 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion:167 Resp: 2436069
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 14.9 12.4 18.6





#73

Di-n-butylphthalate

Concen: 26.76 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:149 Resp: 3021299

Ion Ratio Lower Upper

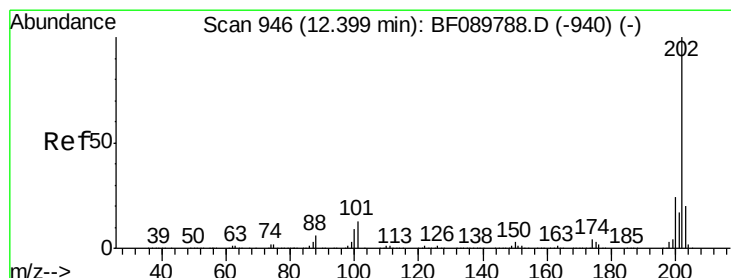
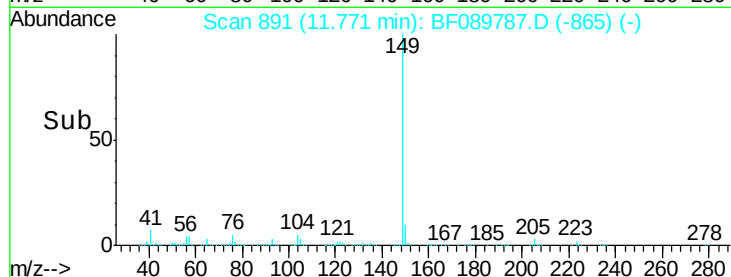
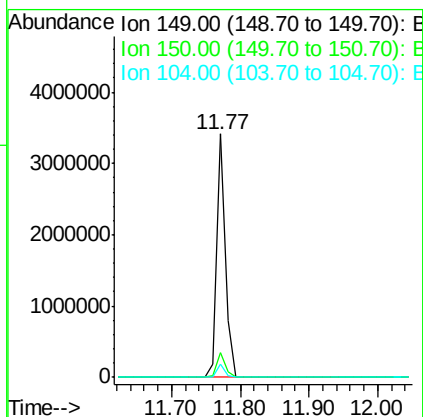
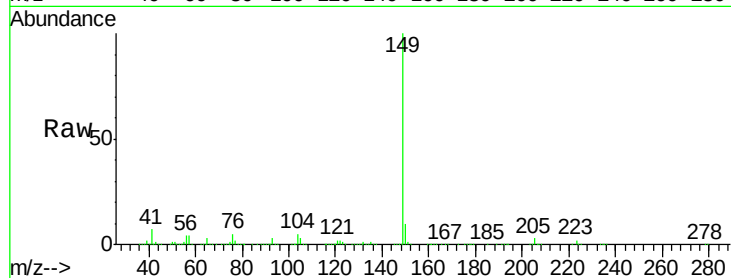
149 100

150 10.2 7.9 11.9

104 5.3 4.3 6.5

Manual Integrations
APPROVED

umangi
8/19/2016 4:51:24 PM



#74

Fluoranthene

Concen: 29.13 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

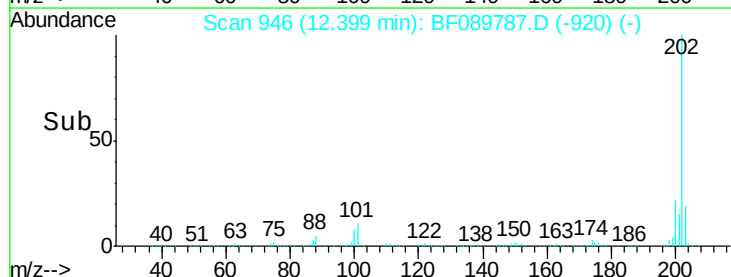
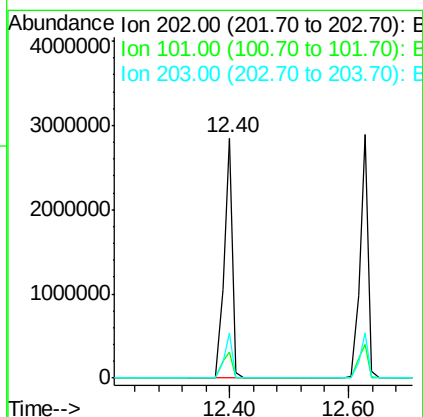
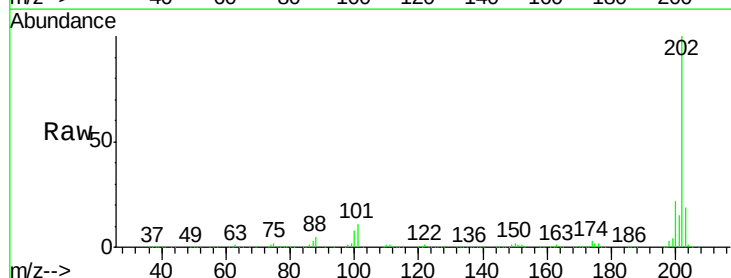
Tgt Ion:202 Resp: 2743784

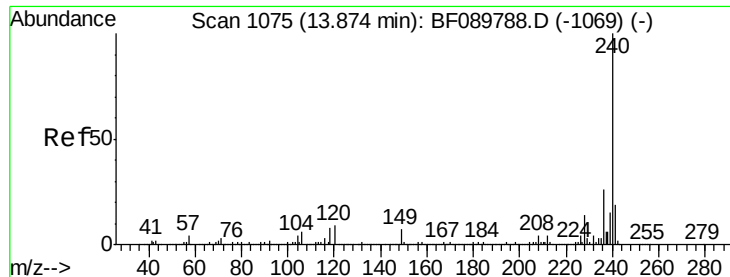
Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.2

203 18.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.02 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

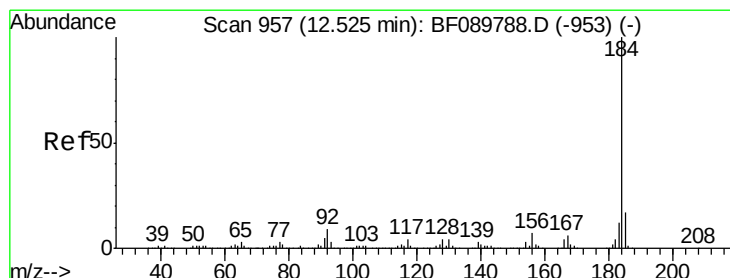
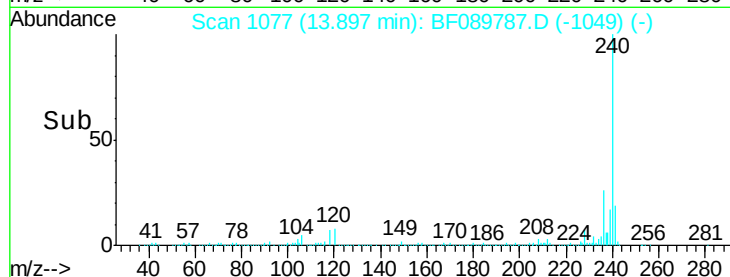
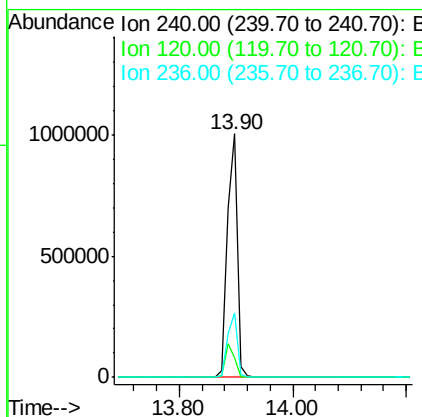
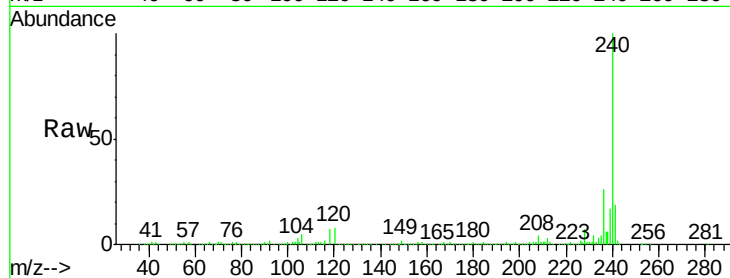
ClientSampleId :

SSTDICC025

Tgt Ion:240 Resp: 1235117
 Ion Ratio Lower Upper
 240 100
 120 8.1 8.3 12.5#
 236 26.5 21.3 31.9

Manual Integrations
 APPROVED

umangi
 8/19/2016 4:51:24 PM



#76

Benzidine

Concen: 24.79 ng

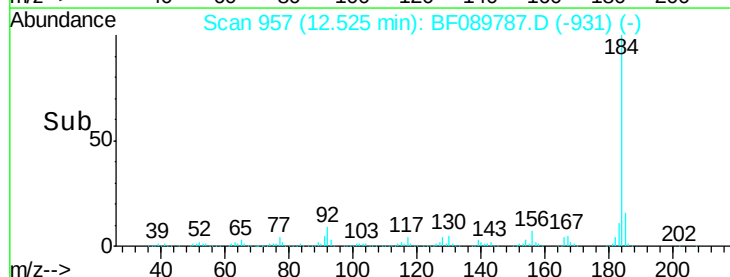
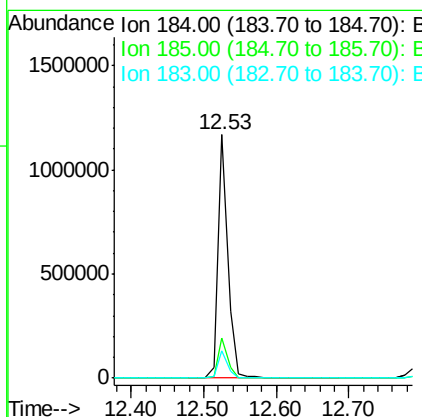
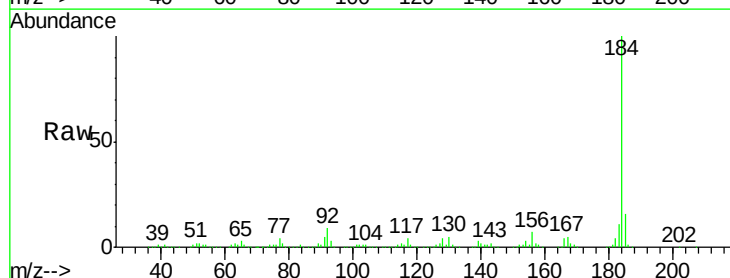
RT: 12.53 min Scan# 957

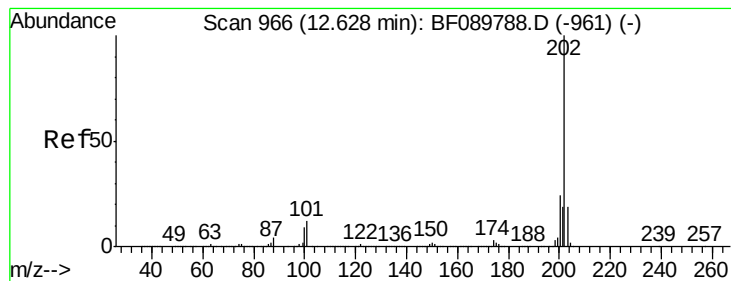
Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Tgt Ion:184 Resp: 1098855
 Ion Ratio Lower Upper
 184 100
 185 16.4 13.8 20.8
 183 11.4 9.7 14.5





#77

Pyrene

Concen: 33.78 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion: 202 Resp: 2730271

Ion Ratio Lower Upper

202 100

200 23.1 17.8 26.6

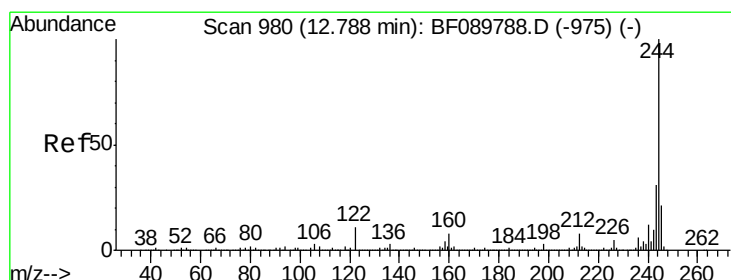
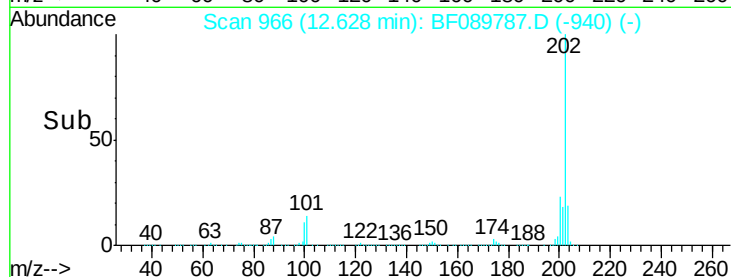
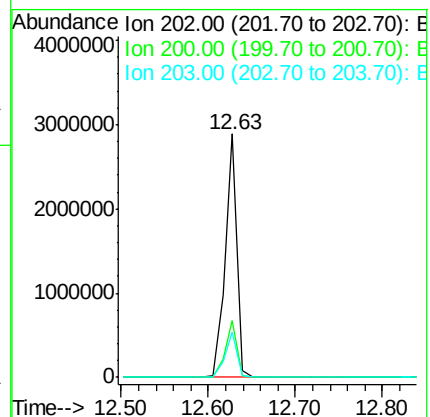
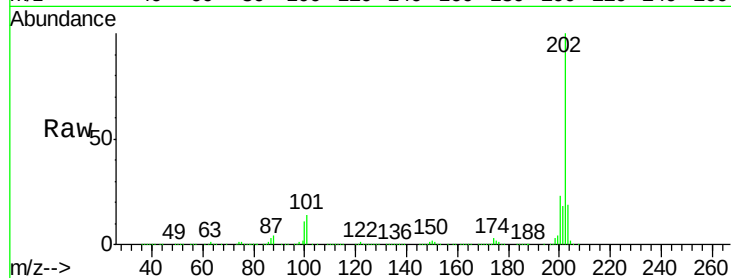
203 18.7 14.2 21.4

Manual Integrations

APPROVED

umangi

8/19/2016 4:51:24 PM



#78

Terphenyl-d14

Concen: 67.00 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

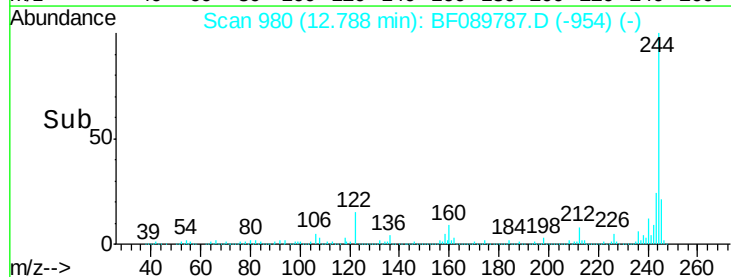
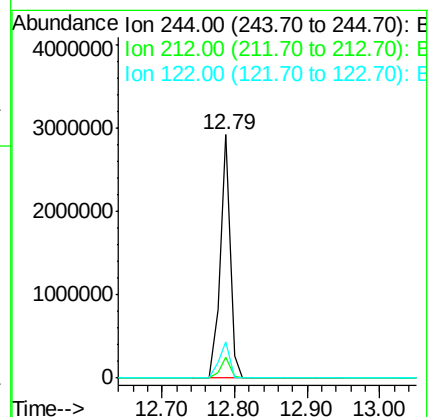
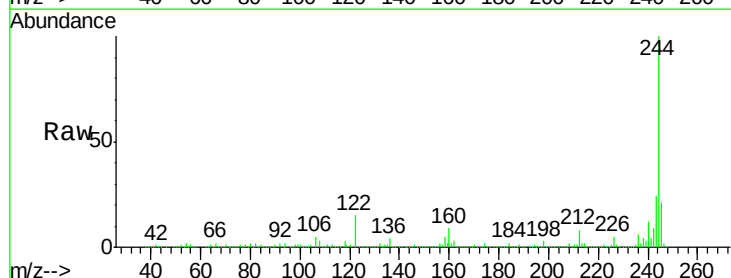
Tgt Ion: 244 Resp: 2770204

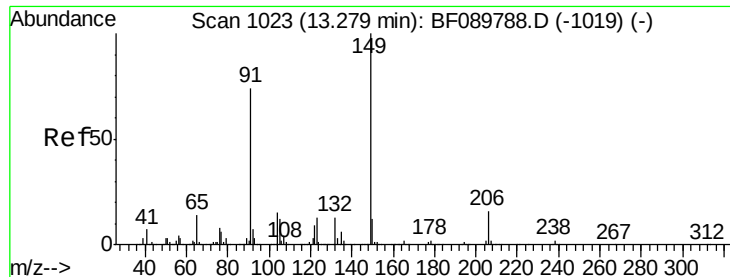
Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

122 14.8 12.0 18.0





#79

Butylbenzylphthalate

Concen: 28.45 ng

RT: 13.29 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tgt Ion:149 Resp: 1153718

Ion Ratio Lower Upper

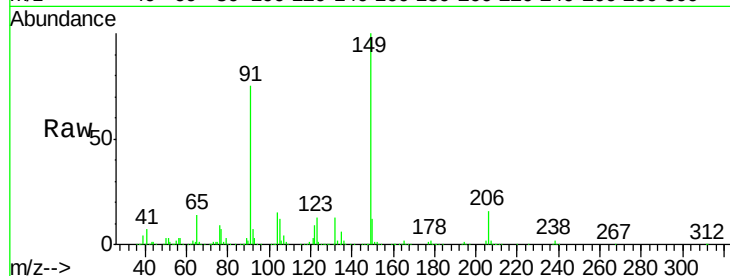
149 100

91 74.8 50.7 76.1

206 16.1 15.5 23.3

Manual Integrations
APPROVED

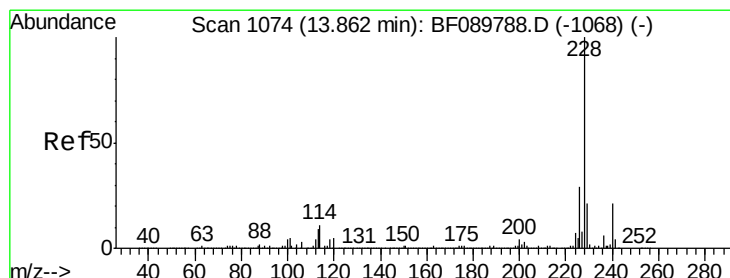
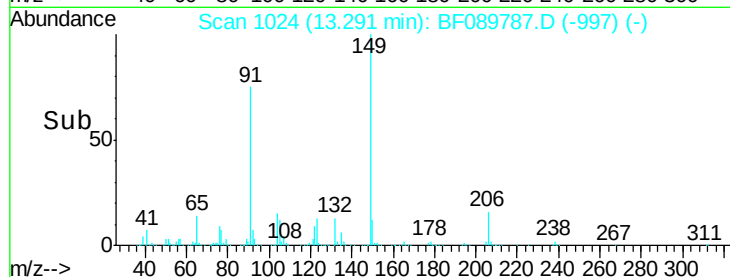
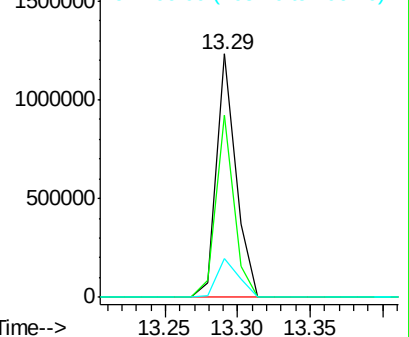
umangi
8/19/2016 4:51:24 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 25.59 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.02 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

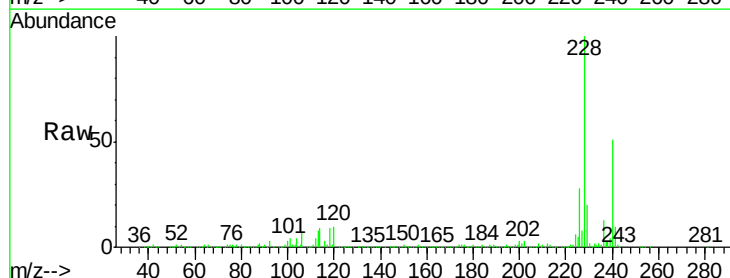
Tgt Ion:228 Resp: 1836167

Ion Ratio Lower Upper

228 100

226 27.9 23.2 34.8

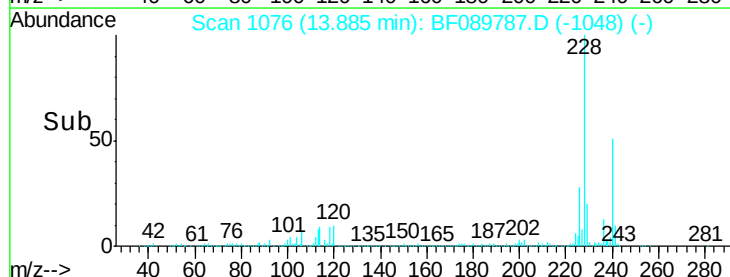
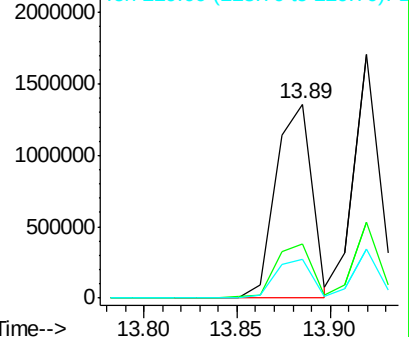
229 20.0 16.2 24.4

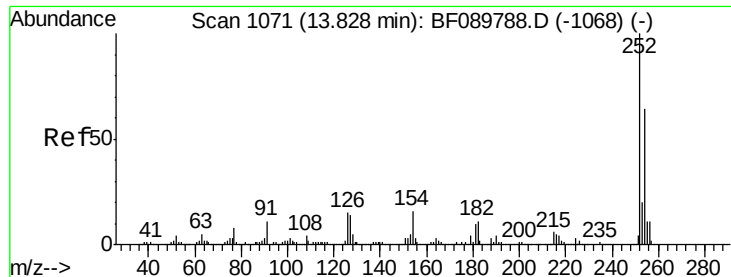


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





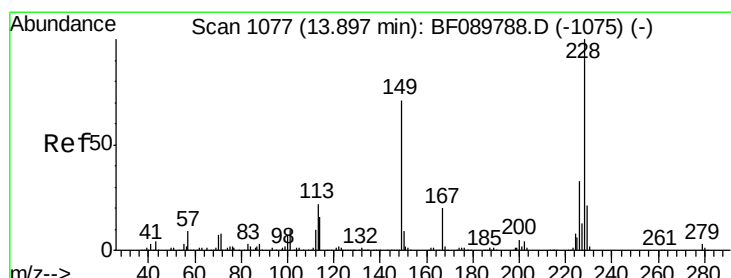
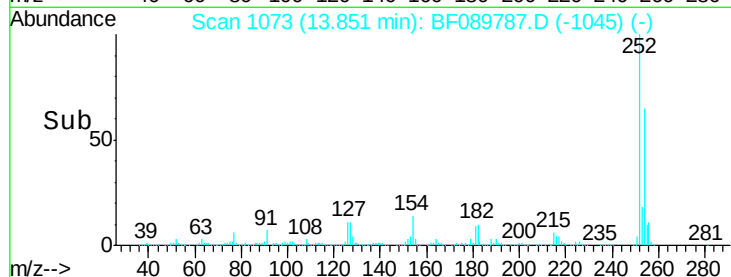
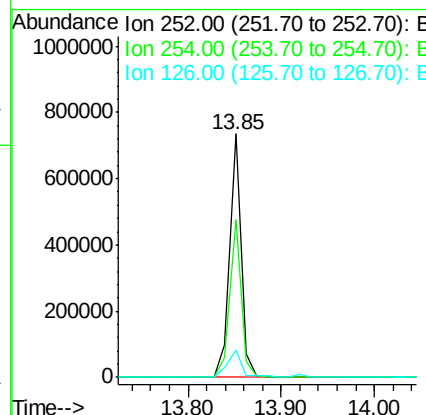
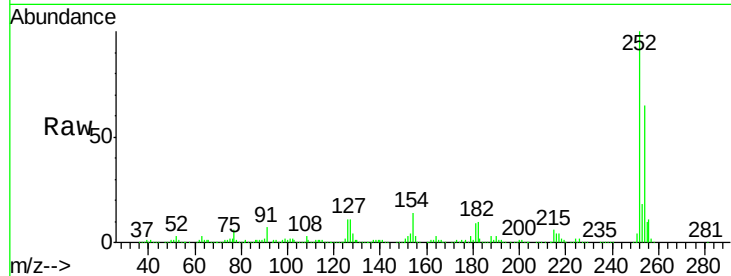
#81
 3,3'-Dichlorobenzidine
 Concen: 24.14 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.02 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.6	75.8
126	11.5	12.6	18.8#

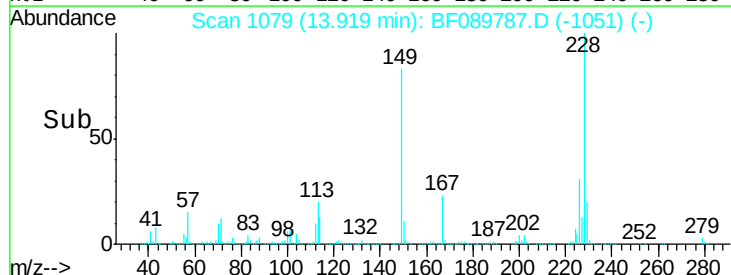
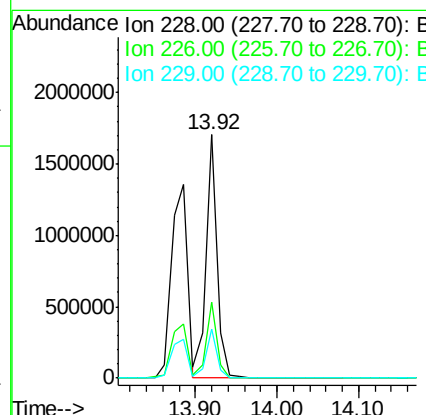
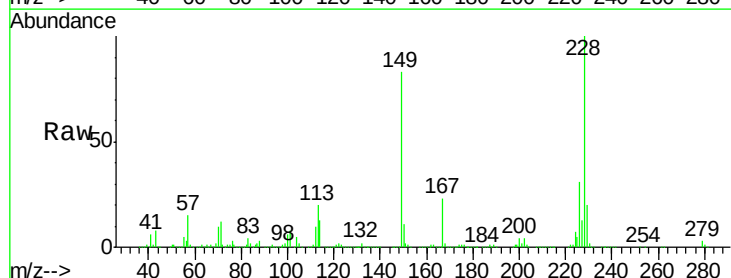
Manual Integrations
 APPROVED

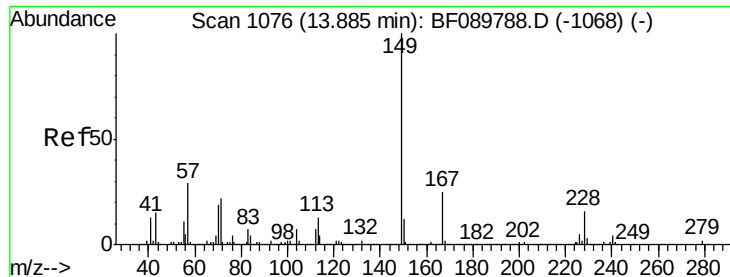
umangi
 8/19/2016 4:51:24 PM



#82
 Chrysene
 Concen: 25.34 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.02 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.4	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.30 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.03 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:149 Resp: 1679764

Ion Ratio Lower Upper

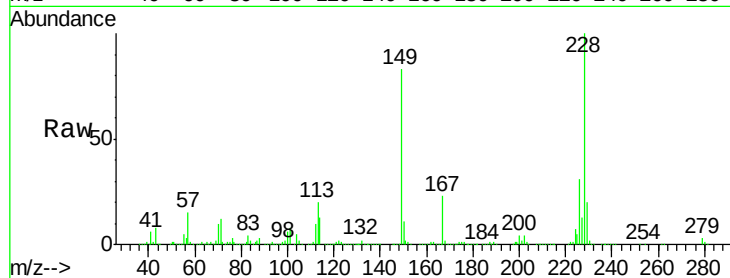
149 100

167 27.8 21.2 31.8

279 3.5 2.9 4.3

Manual Integrations
APPROVED

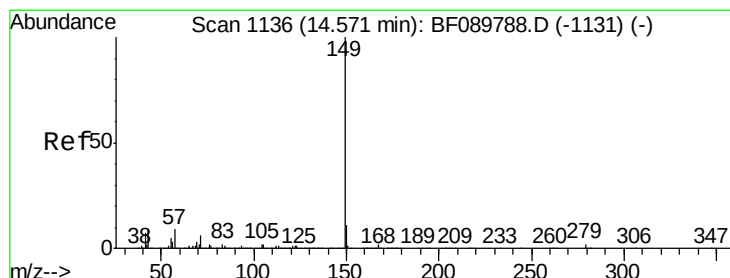
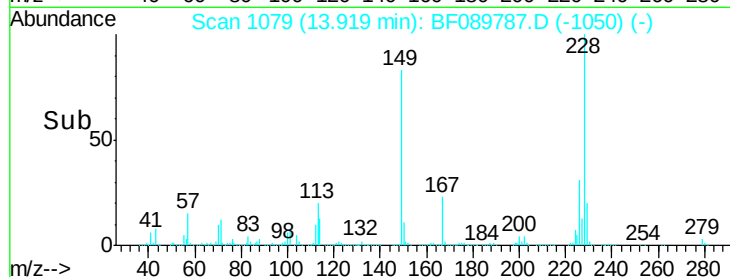
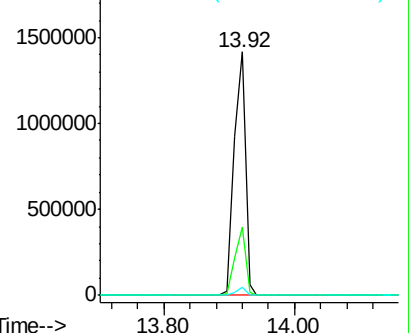
umangi
8/19/2016 4:51:24 PM



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: 27.11 ng

RT: 14.62 min Scan# 1140

Delta R.T. 0.05 min

Lab File: BF089787.D

Acq: 19 Aug 2016 10:48

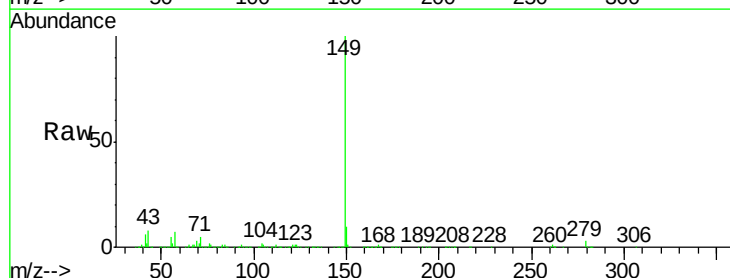
Tgt Ion:149 Resp: 2260801

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

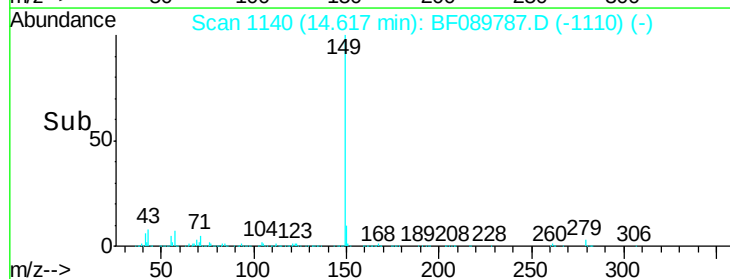
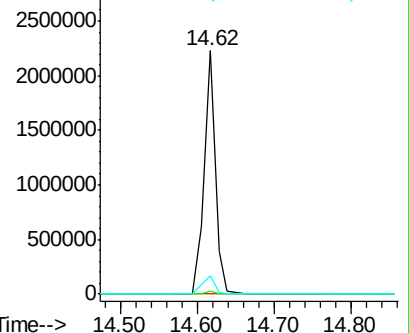
43 8.4 8.4 12.6

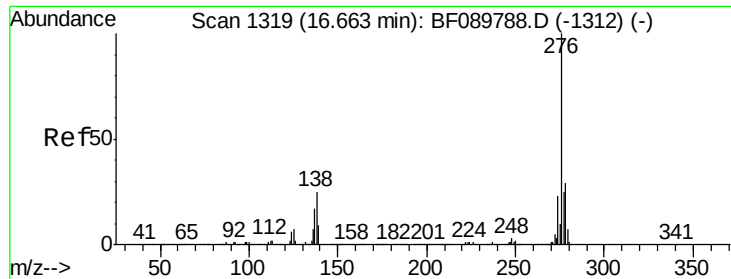


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





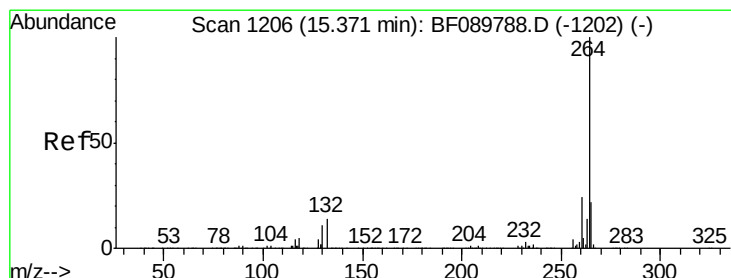
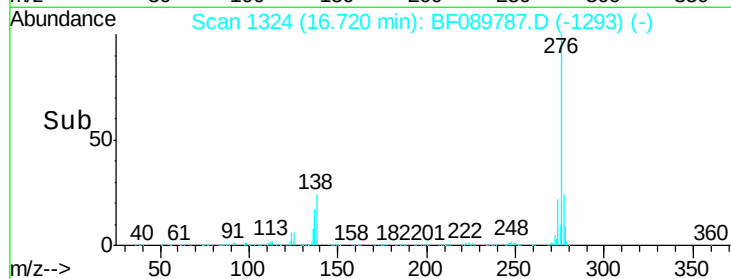
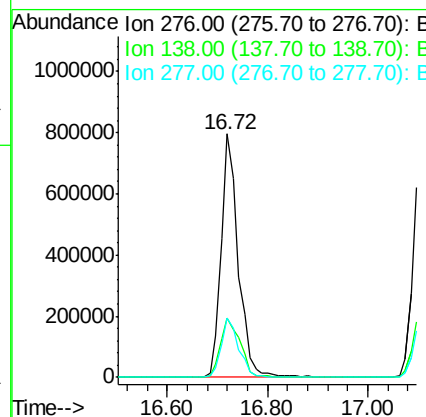
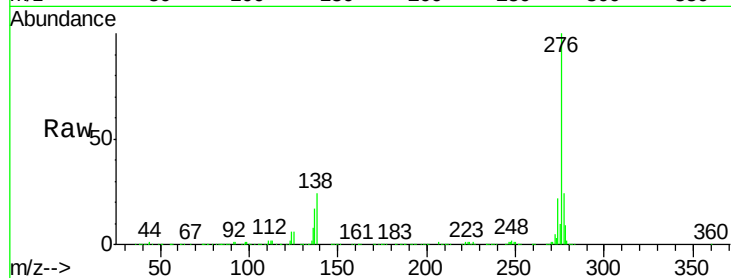
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.36 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. 0.06 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion: 276 Resp: 1890336
 Ion Ratio Lower Upper
 276 100
 138 28.6 24.6 36.8
 277 25.1 20.4 30.6

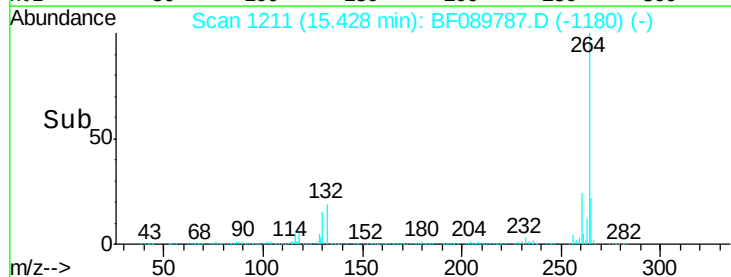
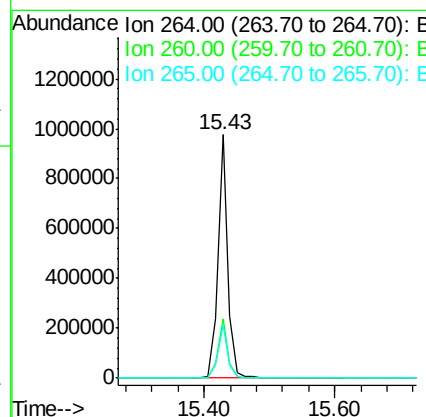
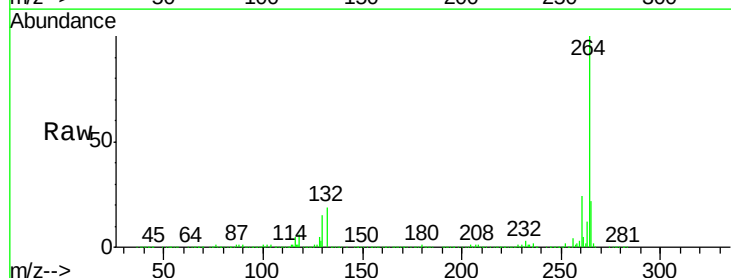
Manual Integrations
 APPROVED

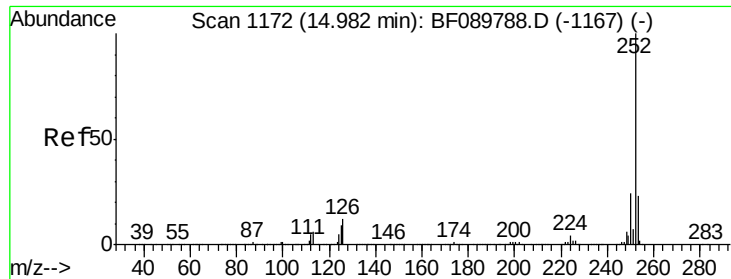
umangi
 8/19/2016 4:51:24 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1211
 Delta R.T. 0.06 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Tgt Ion: 264 Resp: 1043488
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.2 30.2
 265 22.0 17.4 26.2





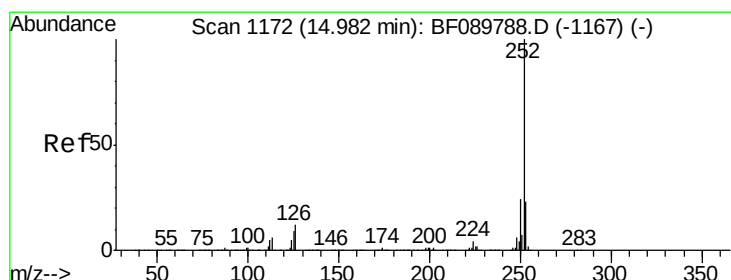
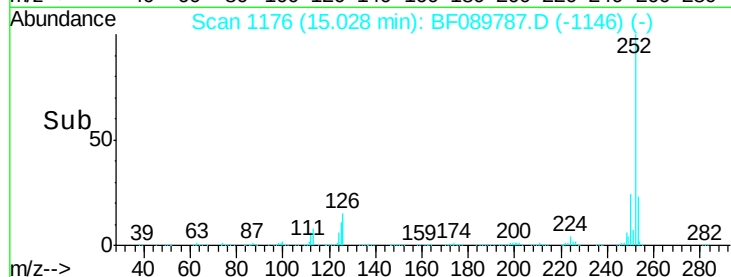
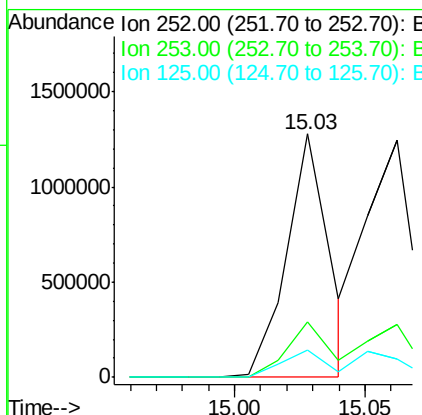
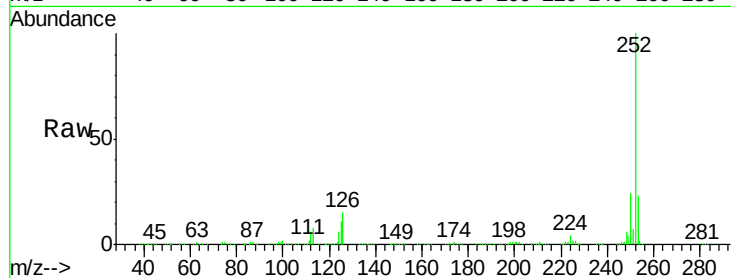
#87
Benzo(b)fluoranthene
Concen: 21.73 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.05 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.4	11.4	17.2#

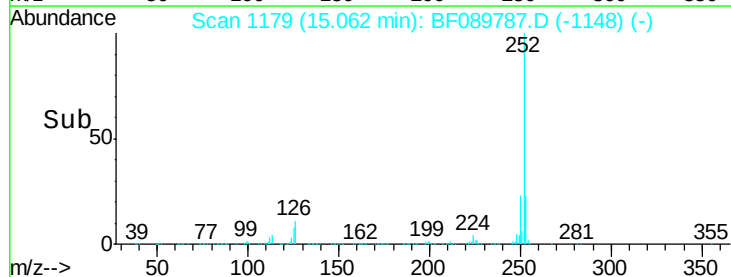
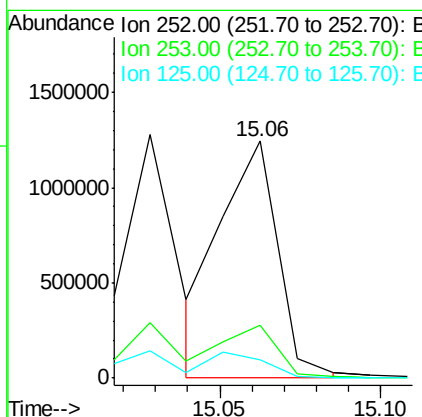
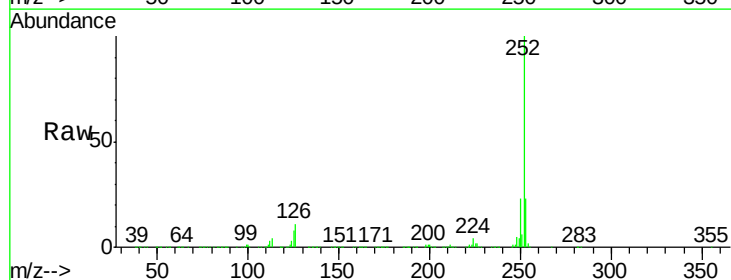
Manual Integrations
APPROVED

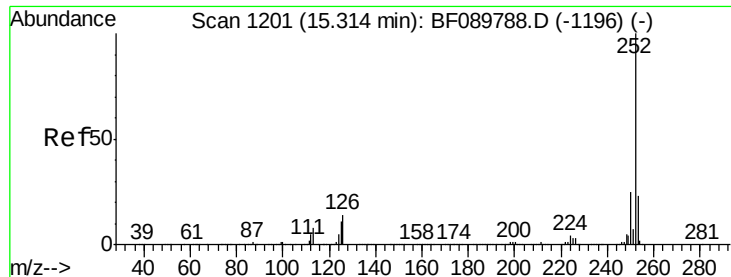
umangi
8/19/2016 4:51:24 PM



#88
Benzo(k)fluoranthene
Concen: 27.96 ng m
RT: 15.06 min Scan# 1179
Delta R.T. 0.06 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	7.6	9.8	14.6#





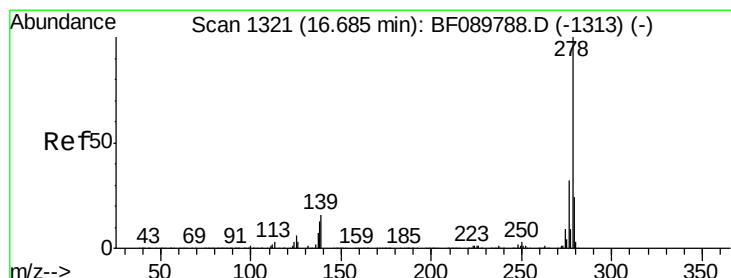
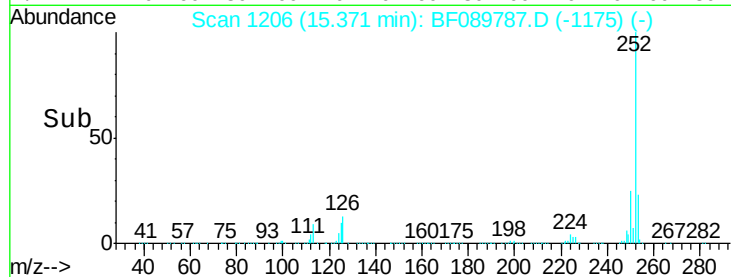
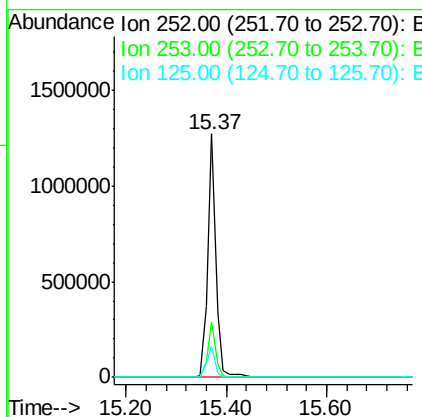
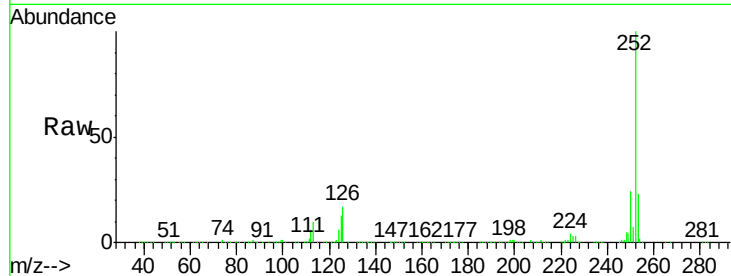
#89
Benzo(a)pyrene
Concen: 26.34 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.06 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion: 252 Resp: 1437584
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 12.6 11.7 17.5

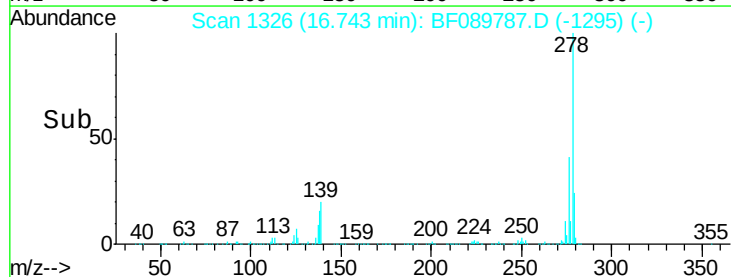
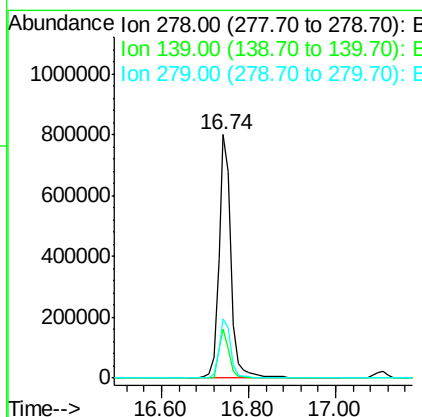
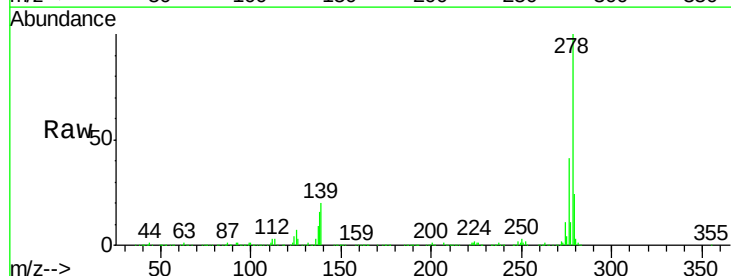
Manual Integrations
APPROVED

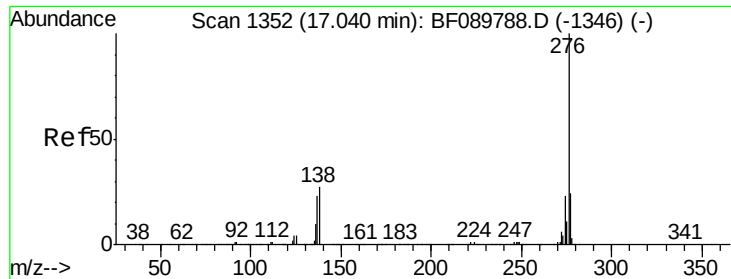
umangi
8/19/2016 4:51:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.60 ng
RT: 16.74 min Scan# 1326
Delta R.T. 0.06 min
Lab File: BF089787.D
Acq: 19 Aug 2016 10:48

Tgt Ion: 278 Resp: 1573014
Ion Ratio Lower Upper
278 100
139 20.3 14.9 22.3
279 24.5 19.2 28.8





#91
 Benzo(g,h,i)perylene
 Concen: 36.90 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. 0.07 min
 Lab File: BF089787.D
 Acq: 19 Aug 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	23.8	22.1	33.1

Manual Integrations
 APPROVED

umangi
 8/19/2016 4:51:24 PM

