

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086228.D
 Acq On : 15 Apr 2016 20:44
 Operator : UM/SJ
 Sample : H2402-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:30:11 PM

Quant Time: Apr 16 01:21:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	278587	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1126964	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	512567	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	883701	20.00	ng	0.00
75) Chrysene-d12	14.05	240	472139	20.00	ng	0.00
86) Perylene-d12	15.48	264	454294	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1196115	70.35	ng	0.01
7) Phenol-d6	6.51	99	930285	43.74	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1898615	97.17	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	484976	117.83	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2590176	93.25	ng	0.00
78) Terphenyl-d14	13.00	244	1786659	95.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	167365	17.85	ng	96
3) Pyridine	3.31	79	357483	14.62	ng	94
4) n-Nitrosodimethylamine	3.22	42	190411	21.55	ng	# 68
6) Aniline	6.56	93	644273	21.02	ng	97
8) 2-Chlorophenol	6.68	128	745984	38.78	ng	# 77
9) Benzaldehyde	6.44	77	250350	16.59	ng	93
10) Phenol	6.52	94	394175	15.56	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	868014	45.56	ng	# 82
12) 1,3-Dichlorobenzene	6.83	146	909355	44.55	ng	99
13) 1,4-Dichlorobenzene	6.91	146	871006	44.80	ng	98
14) 1,2-Dichlorobenzene	7.07	146	822152	47.64	ng	97
15) Benzyl Alcohol	7.04	79	579205	38.39	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1487967	50.12	ng	99
17) 2-Methylphenol	7.15	107	601185	37.51	ng	95
18) Hexachloroethane	7.41	117	344048	46.91	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	640964	47.09	ng	# 83
20) 3+4-Methylphenols	7.30	107	498136	27.75	ng	# 82
22) Acetophenone	7.31	105	1183596	60.62	ng	# 98
24) Nitrobenzene	7.48	77	1100135	51.49	ng	100
25) Isophorone	7.72	82	1941592	50.08	ng	100
26) 2-Nitrophenol	7.80	139	502197	53.92	ng	# 67
27) 2,4-Dimethylphenol	7.84	122	852764	45.34	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	1261232	55.33	ng	98
29) 2,4-Dichlorophenol	8.03	162	703103	49.16	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	706827	47.23	ng	98
31) Naphthalene	8.20	128	2339516	46.49	ng	100
32) Benzoic acid	7.90	122	199052	16.55	ng	98
33) 4-Chloroaniline	8.25	127	407751	18.13	ng	97
34) Hexachlorobutadiene	8.33	225	356242	47.51	ng	99
35) Caprolactam	8.67	113	39934m	7.71	ng	
36) 4-Chloro-3-methylphenol	8.73	107	793377	47.87	ng	97
37) 2-Methylnaphthalene	8.90	142	1676594	51.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	511844	47.79	ng	98
40) Hexachlorocyclopentadiene	9.06	237	565245	93.55	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086228.D
 Acq On : 15 Apr 2016 20:44
 Operator : UM/SJ
 Sample : H2402-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

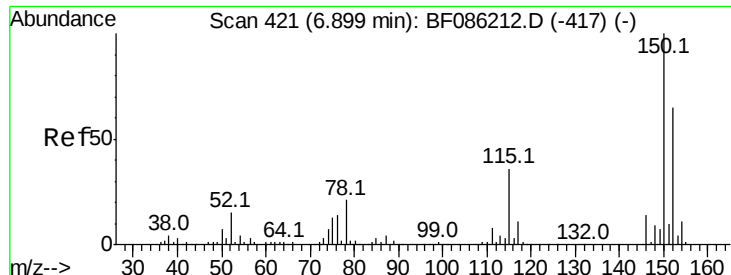
Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:30:11 PM

Quant Time: Apr 16 01:21:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	498998	49.42	nq	100
43) 2,4,5-Trichlorophenol	9.21	196	468933	48.08	nq #	92
45) 1,1'-Biphenyl	9.37	154	1878223	50.90	nq	95
46) 2-Chloronaphthalene	9.39	162	1559037	51.75	nq	93
47) 2-Nitroaniline	9.48	65	573144	58.73	nq #	61
48) Acenaphthylene	9.80	152	2336701	48.75	nq	99
49) Dimethylphthalate	9.66	163	1720478	46.16	nq	99
50) 2,6-Dinitrotoluene	9.72	165	408875	49.58	nq #	75
51) Acenaphthene	9.97	154	1601208	55.92	nq	99
52) 3-Nitroaniline	9.88	138	195143	19.47	nq	98
53) 2,4-Dinitrophenol	10.00	184	426297	136.42	nq #	74
54) Dibenzofuran	10.14	168	1917475	50.70	nq	93
55) 4-Nitrophenol	10.04	139	319953	40.81	nq #	64
56) 2,4-Dinitrotoluene	10.12	165	527543	49.97	nq #	72
57) Fluorene	10.49	166	1371845	53.81	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	377107	53.23	nq	97
59) Diethylphthalate	10.36	149	1810334	47.06	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	543812	52.35	nq	92
61) 4-Nitroaniline	10.50	138	366374	42.30	nq	90
62) Azobenzene	10.64	77	1974981	52.47	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	285906	67.98	nq #	47
65) n-Nitrosodiphenylamine	10.60	169	1442536	53.30	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	388771	47.20	nq #	85
67) Hexachlorobenzene	11.04	284	467639	54.18	nq #	74
68) Atrazine	11.13	200	380501	45.88	nq	98
69) Pentachlorophenol	11.22	266	478231	91.38	nq	98
70) Phenanthrene	11.45	178	2167684	51.36	nq	99
71) Anthracene	11.49	178	2125957	68.27	nq	100
72) Carbazole	11.65	167	2232609	55.62	nq	98
73) Di-n-butylphthalate	11.98	149	2431701	44.80	nq	99
74) Fluoranthene	12.62	202	2051866	58.12	nq	97
77) Pyrene	12.85	202	2039647	56.31	nq	100
79) Butylbenzylphthalate	13.48	149	1029433	61.52	nq	87
80) Benzo(a)anthracene	14.04	228	1304252	50.32	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	196607	13.09	nq #	97
82) Chrysene	14.08	228	1301494	47.09	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	967933	53.57	nq #	98
84) Di-n-octyl phthalate	14.66	149	2086354	59.91	nq	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1646437	72.48	nq	96
87) Benzo(b)fluoranthene	15.07	252	1598884m	57.05	nq	
88) Benzo(k)fluoranthene	15.11	252	973213m	38.08	nq	
89) Benzo(a)pyrene	15.43	252	1306792	53.83	nq	97
90) Dibenzo(a,h)anthracene	16.92	278	1345588	62.72	nq #	96
91) Benzo(g,h,i)perylene	17.33	276	1474026	64.61	nq #	94

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



#1

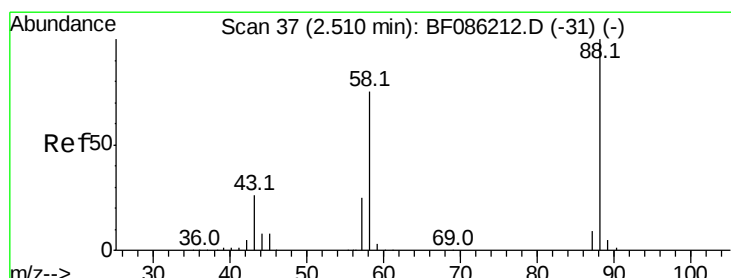
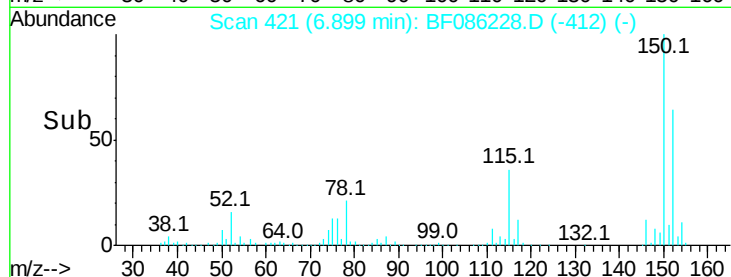
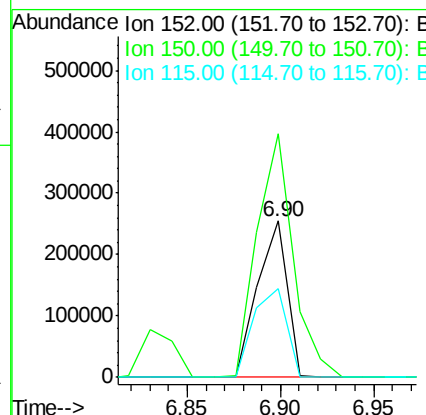
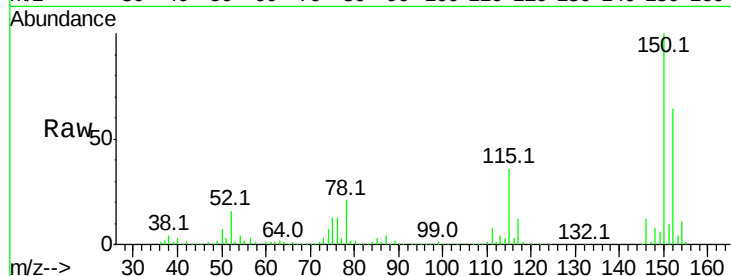
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	56.7	43.9	65.9

Manual Integrations
APPROVED

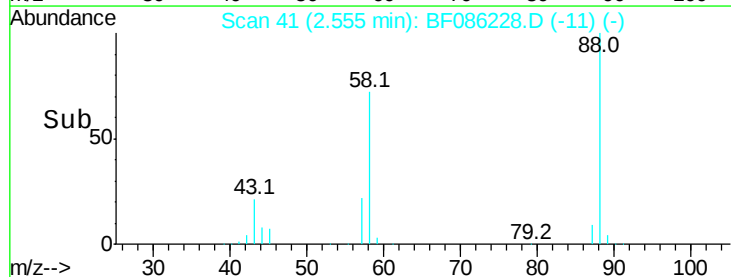
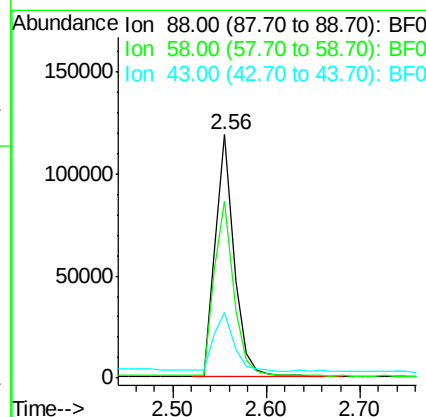
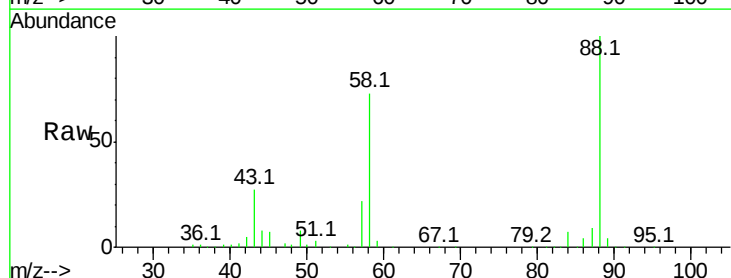
Sohil
4/18/2016 7:30:11 PM

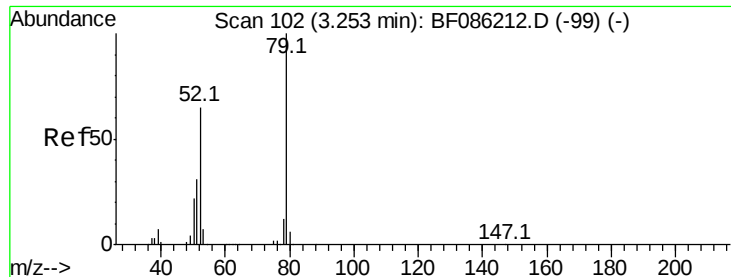


#2

1,4-Dioxane
Concen: 17.85 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	58.4	87.6
43	25.5	23.3	34.9





#3

Pvridine

Concen: 14.62 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.06 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

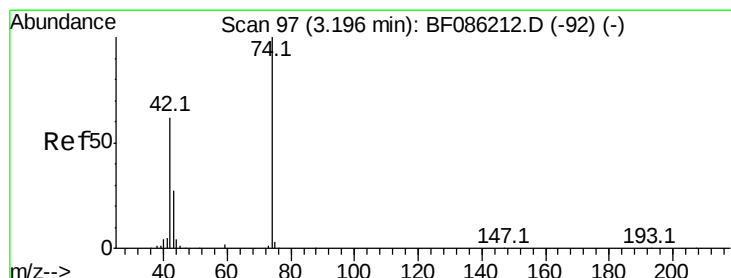
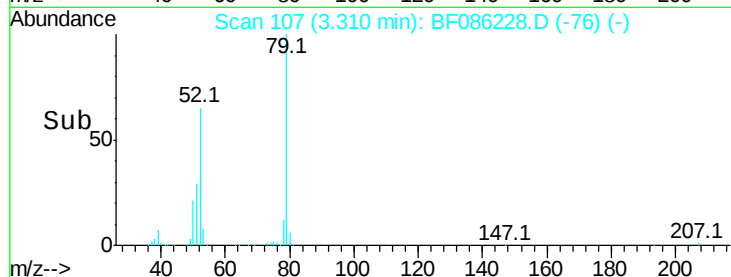
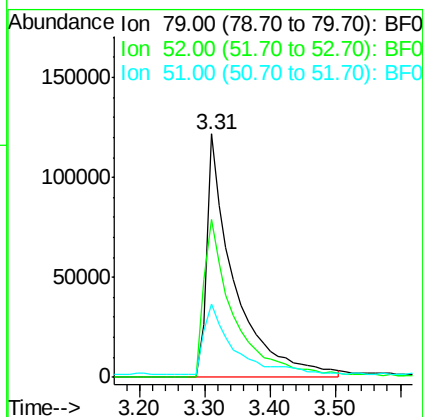
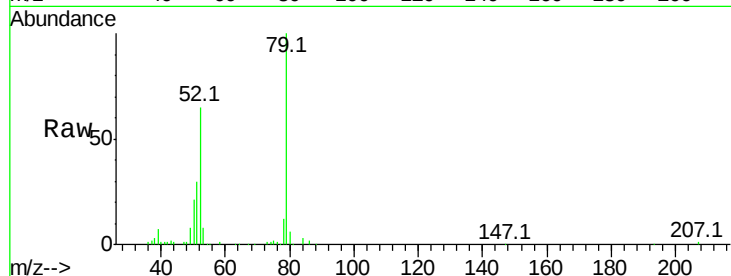
ClientSampleId :

H2402-04MSMS

Tot Ion:	79	Resp:	357483
Ion Ratio	Lower	Upper	
79	100		
52	64.8	55.4	83.2
51	30.3	28.1	42.1

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



#4

n-Nitrosodimethylamine

Concen: 21.55 ng

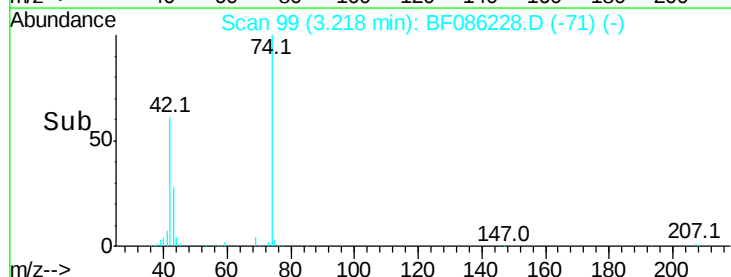
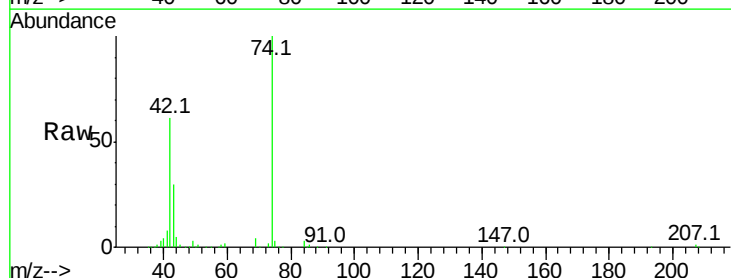
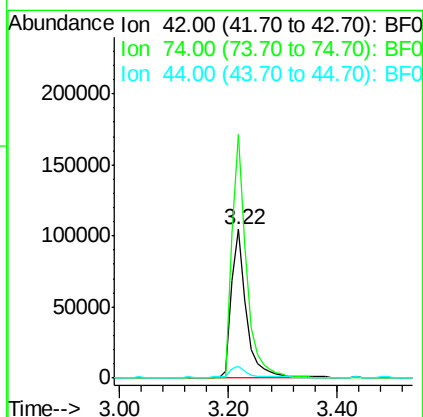
RT: 3.22 min Scan# 99

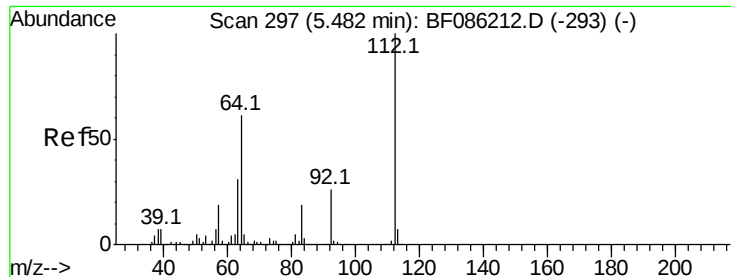
Delta R.T. 0.02 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:	42	Resp:	190411
Ion Ratio	Lower	Upper	
42	100		
74	163.6	100.5	150.7#
44	7.9	5.4	8.0





#5

2-Fluorophenol

Concen: 70.35 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

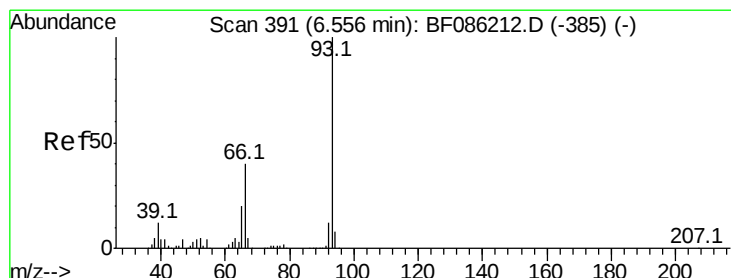
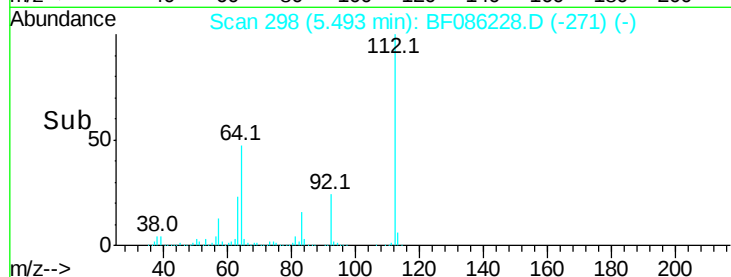
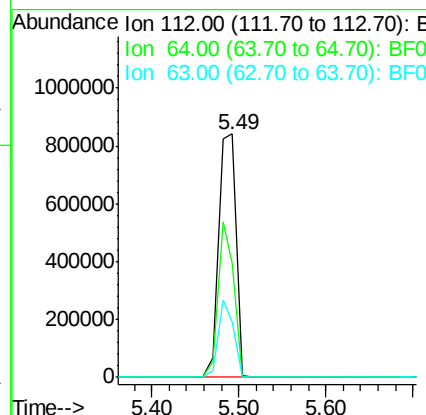
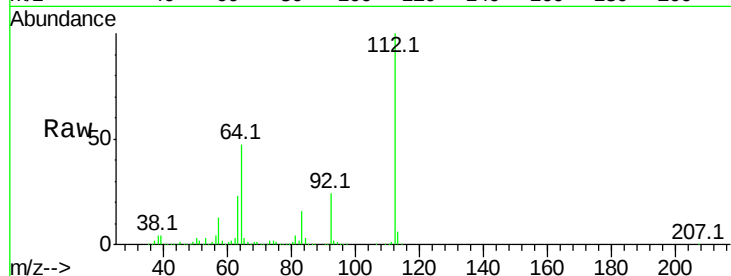
H2402-04MSMS

Manual Integrations
APPROVED

Sohil

4/18/2016 7:30:11 PM

Tot Ion:	112	Resp:	1196115
Ion Ratio	Lower	Upper	
112	100		
64	47.0	48.1	72.1#
63	22.6	25.5	38.3#



#6

Aniline

Concen: 21.02 ng

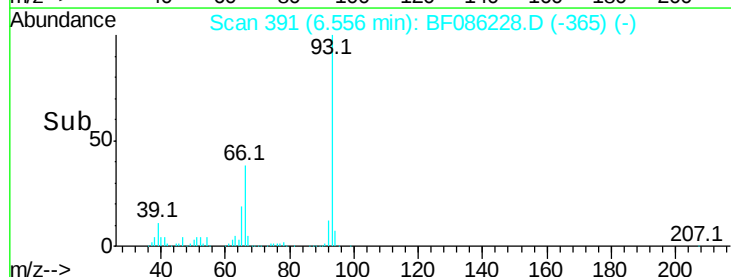
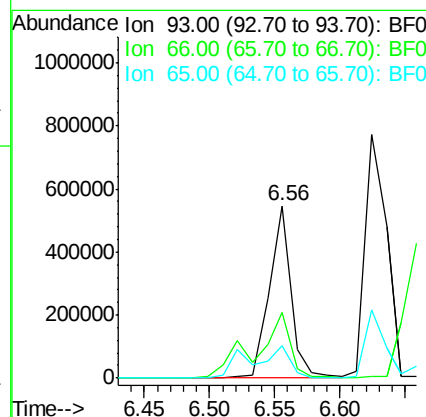
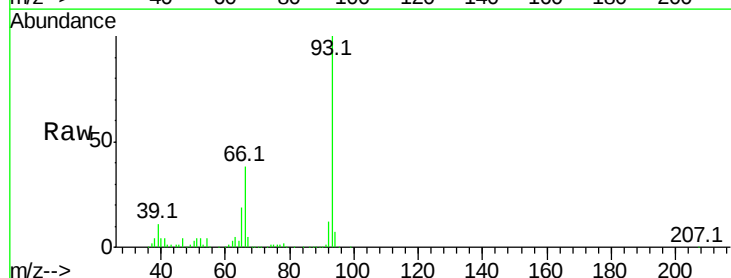
RT: 6.56 min Scan# 391

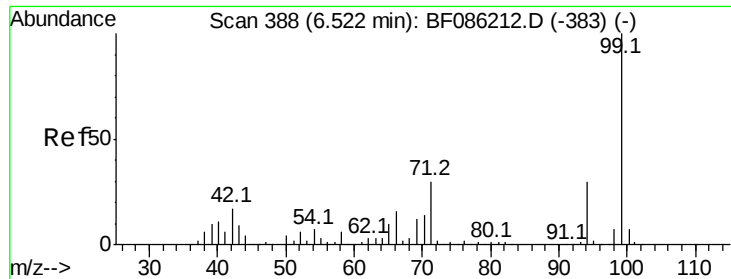
Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:	93	Resp:	644273
Ion Ratio	Lower	Upper	
93	100		
66	38.2	32.2	48.2
65	18.8	16.4	24.6





#7

Phenol-d6

Concen: 43.74 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

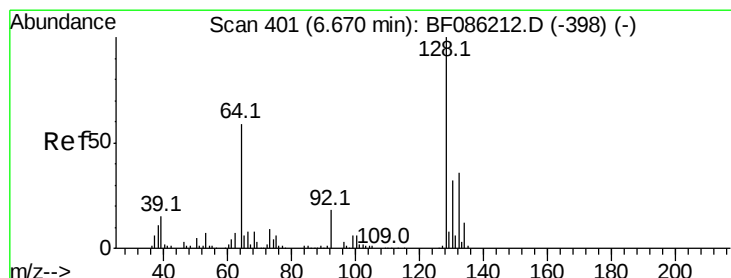
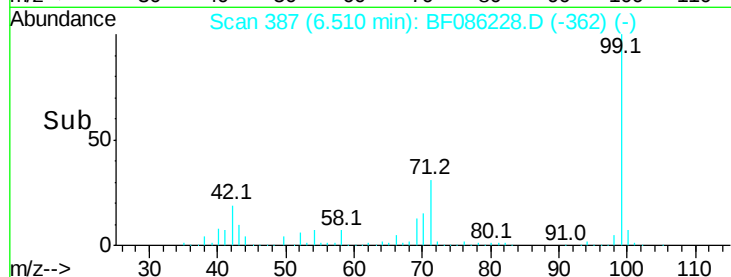
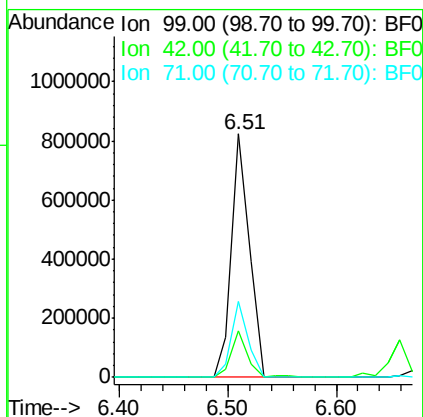
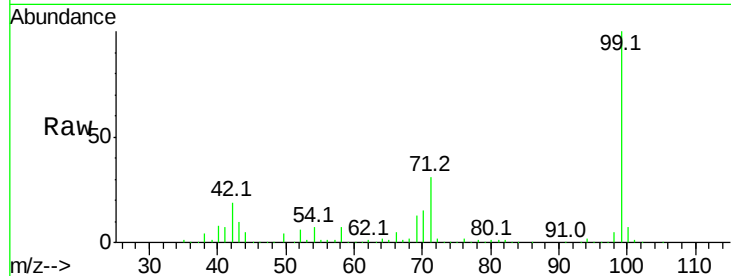
ClientSampleId :

H2402-04MSMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		930285		
42	19.3	15.4	23.2		
71	31.1	25.6	38.4		

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



#8

2-Chlorophenol

Concen: 38.78 ng

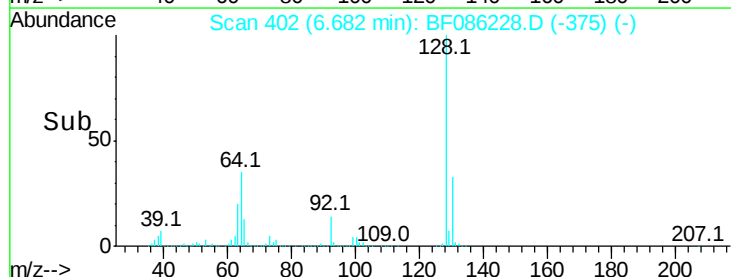
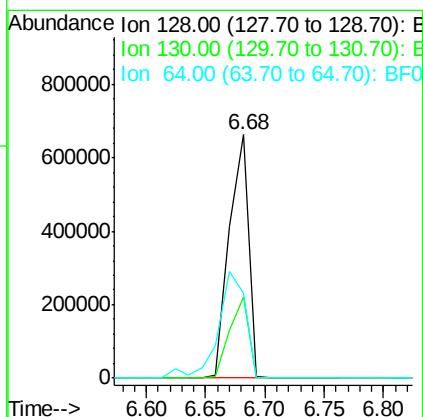
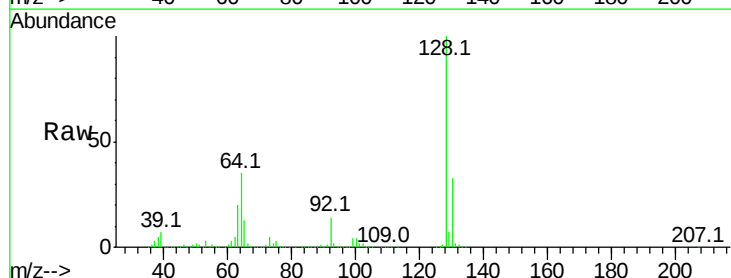
RT: 6.68 min Scan# 402

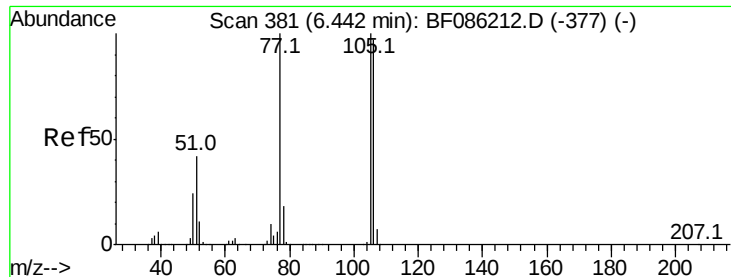
Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		745984		
130	33.4	11.8	51.8		
64	34.6	39.5	79.5#		





#9

Benzaldehyde

Concen: 16.59 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

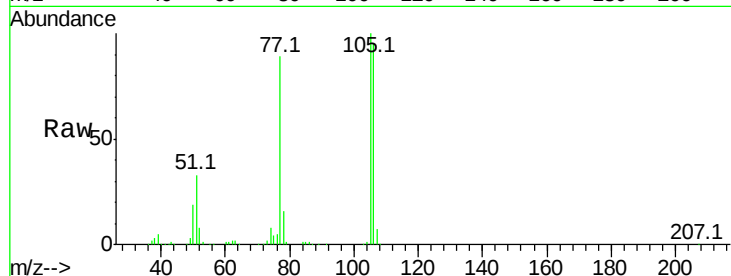
ClientSampleId :

H2402-04MSMS

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM

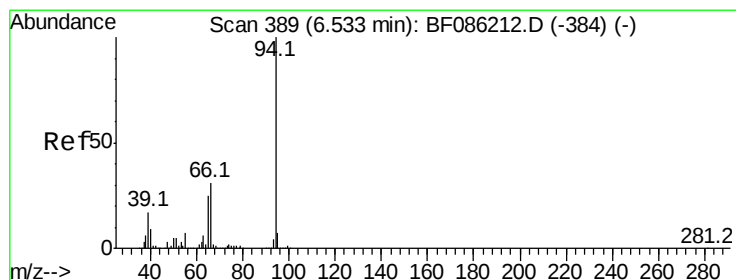
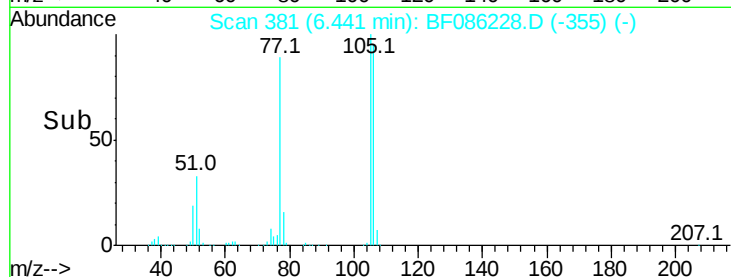
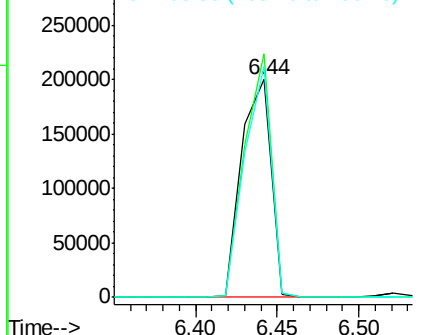
Tot Ion:	77	Resp:	250350
Ion Ratio	Lower	Upper	
77	100		
105	111.9	84.6	124.6
106	106.0	78.6	118.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 15.56 ng

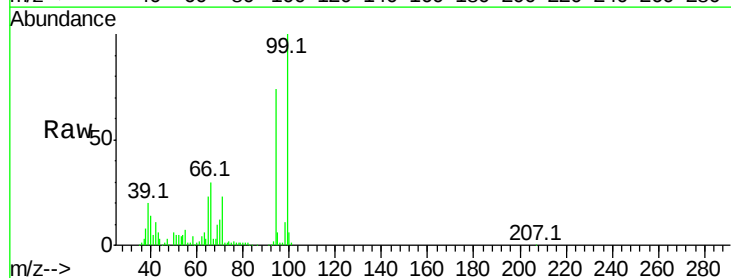
RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

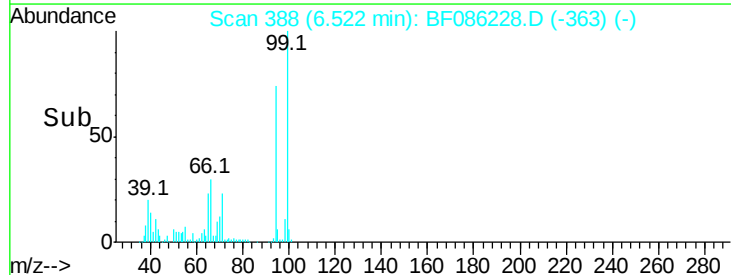
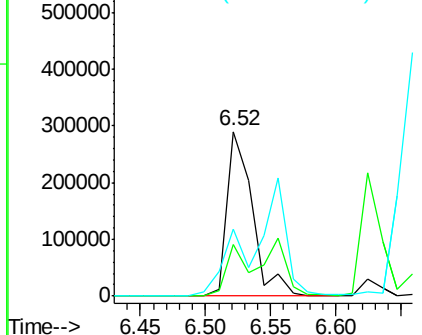
Tgt Ion:	94	Resp:	394175
Ion Ratio	Lower	Upper	
94	100		
65	31.5	7.9	47.9
66	40.4	16.5	56.5

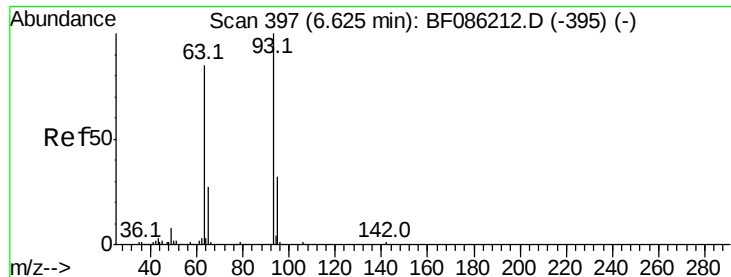


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





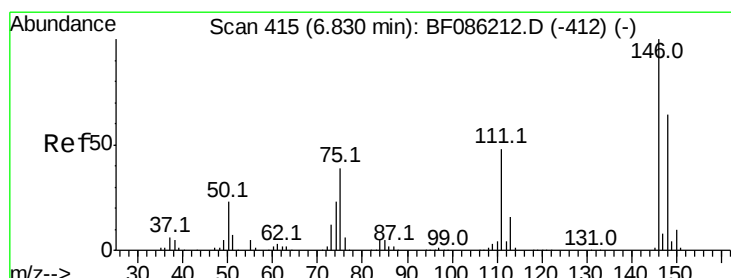
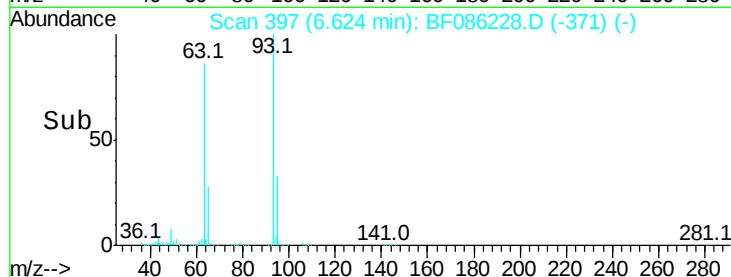
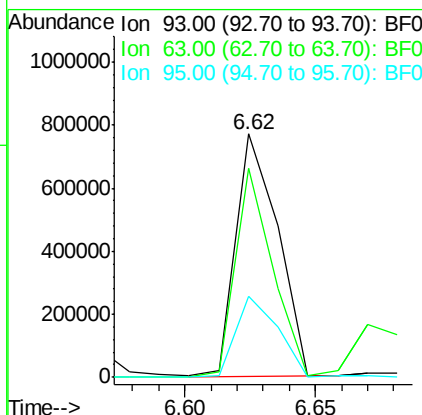
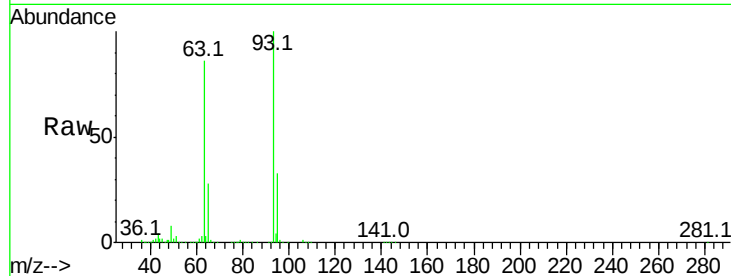
#11
bis(2-Chloroethyl)ether
Concen: 45.56 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	44.4	84.4#
95	33.1	13.1	53.1

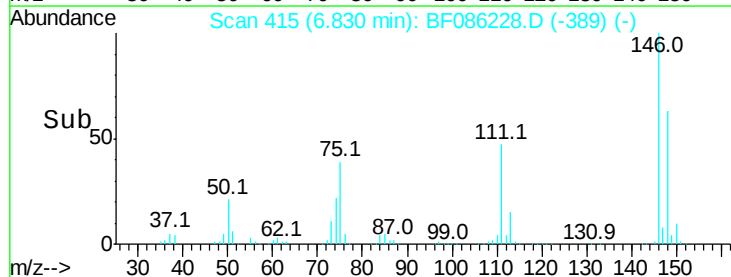
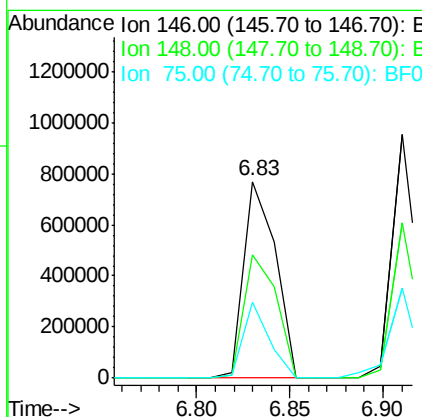
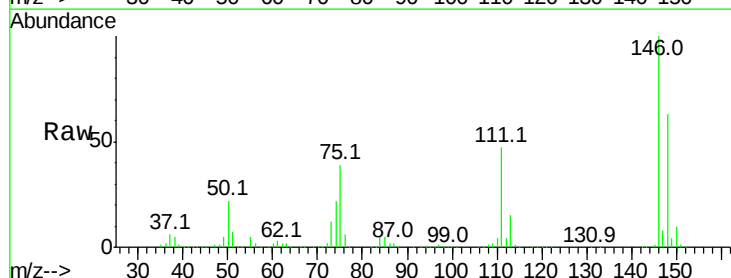
Manual Integrations
APPROVED

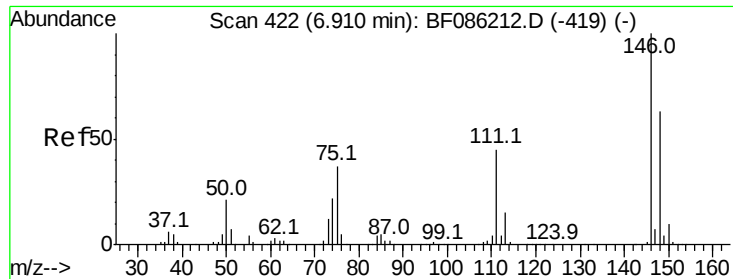
Sohil
4/18/2016 7:30:11 PM



#12
1,3-Dichlorobenzene
Concen: 44.55 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.4
75	38.8	29.9	44.9





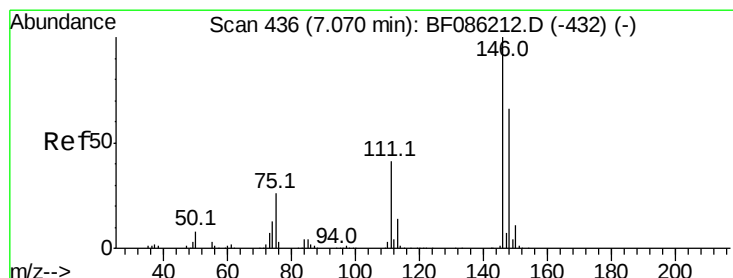
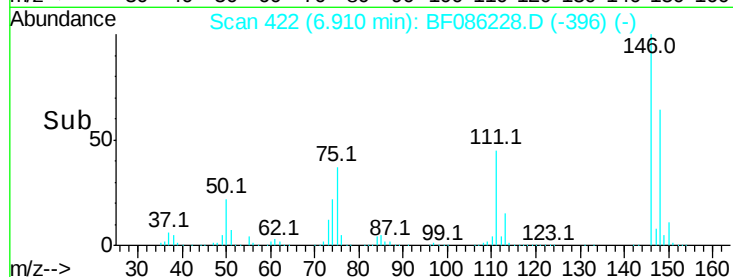
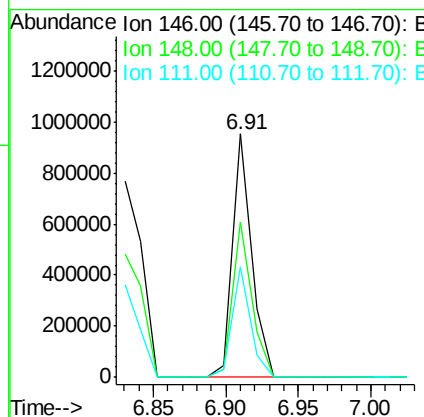
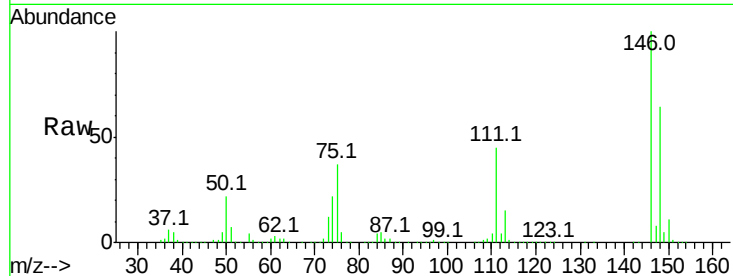
#13
 1,4-Dichlorobenzene
 Concen: 44.80 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	45.2	34.9	52.3

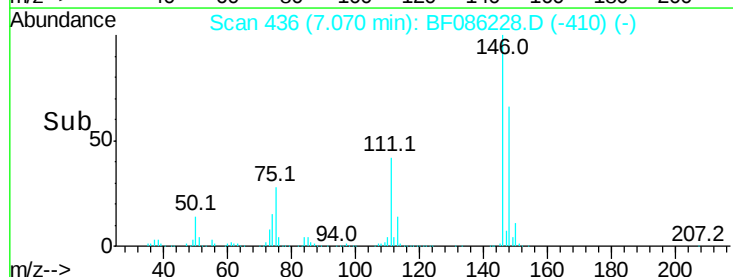
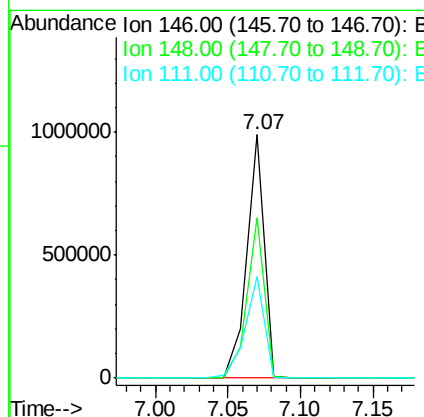
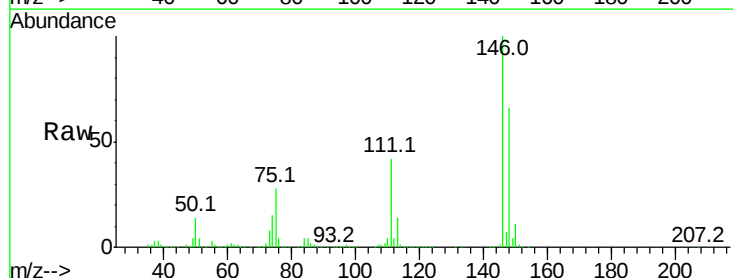
Manual Integrations
 APPROVED

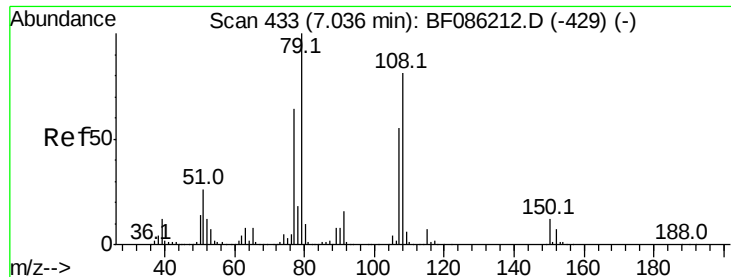
Sohil
 4/18/2016 7:30:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.64 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.2	78.2
111	41.9	31.0	46.4





#15

Benzyl Alcohol

Concen: 38.39 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion: 79 Resp: 579205

Ion Ratio Lower Upper

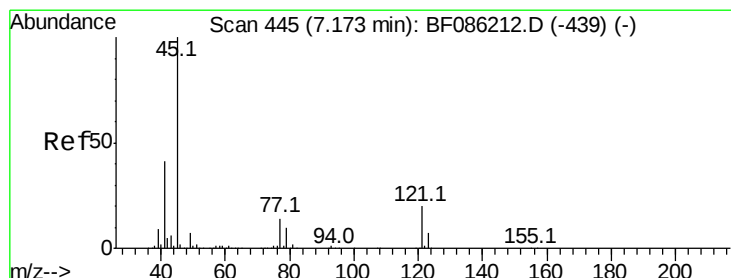
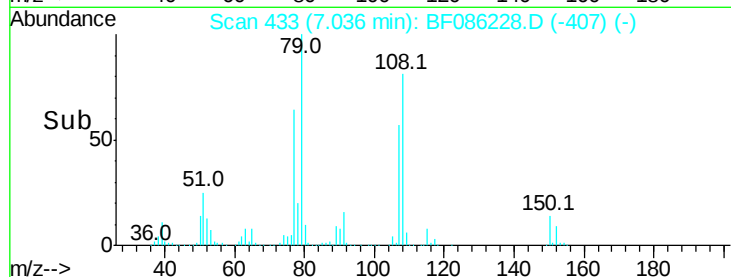
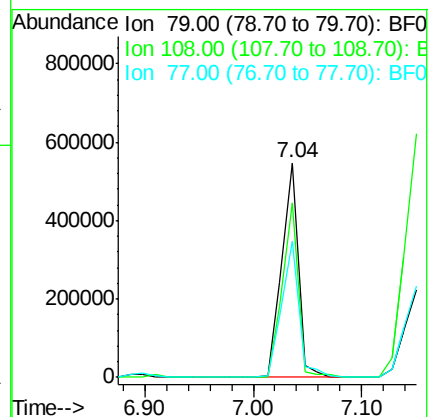
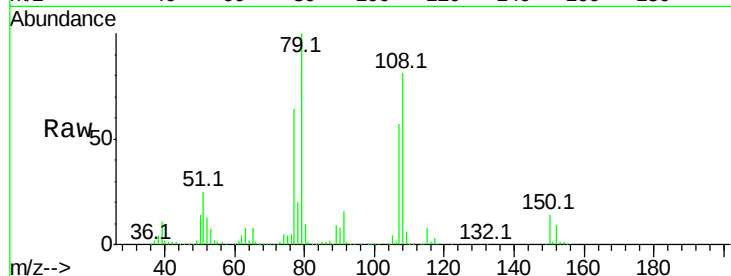
79 100

108 81.3 64.8 97.2

77 63.7 51.9 77.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.12 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

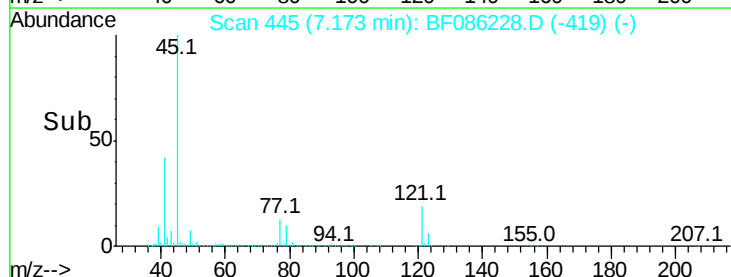
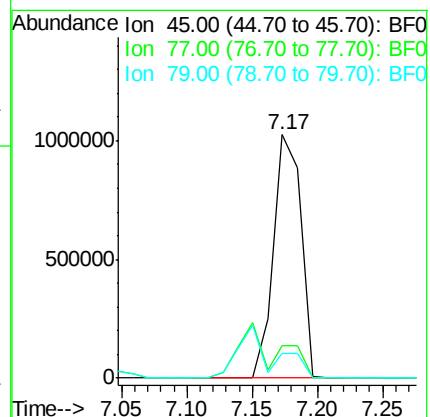
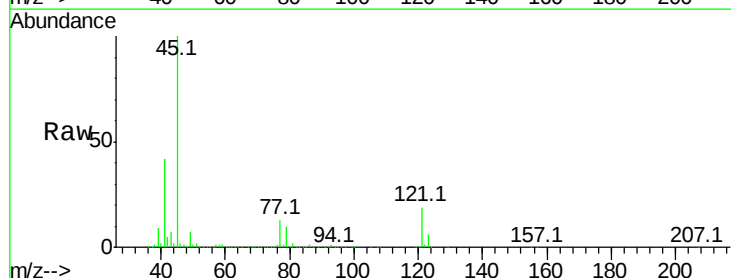
Tgt Ion: 45 Resp: 1487967

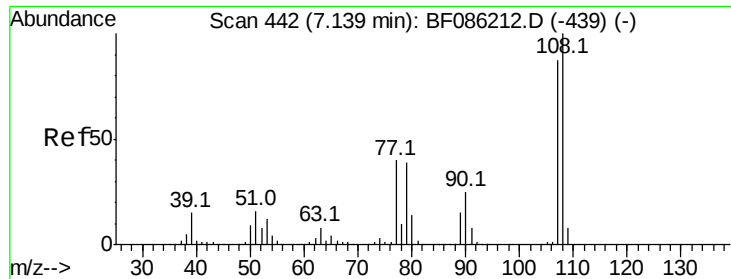
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.7

79 10.1 0.0 30.1





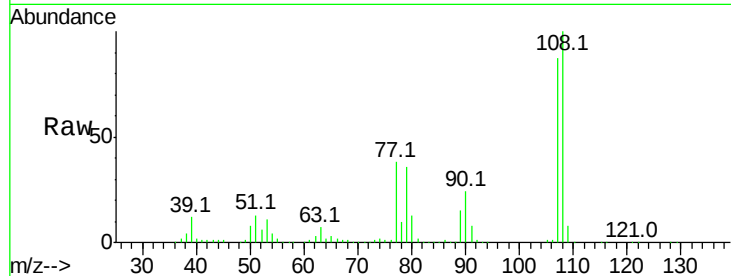
#17
2-Methylphenol
Concen: 37.51 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampled :
H2402-04MSMS

Tot Ion:	107	Resp:	601185
Ion Ratio	Lower	Upper	
107	100		
108	114.4	92.7	139.1
77	43.1	39.6	59.4
79	41.1	37.4	56.2

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



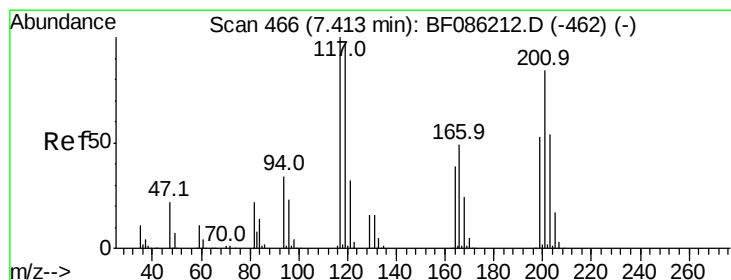
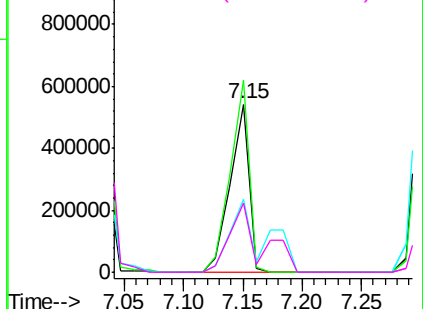
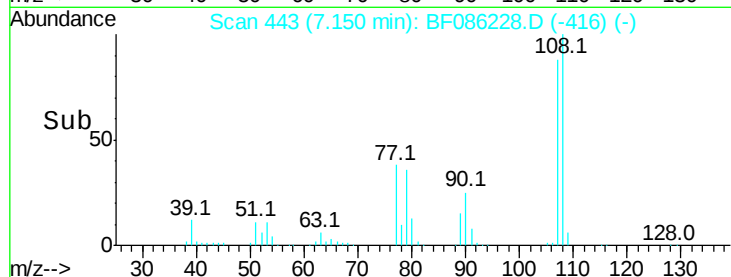
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

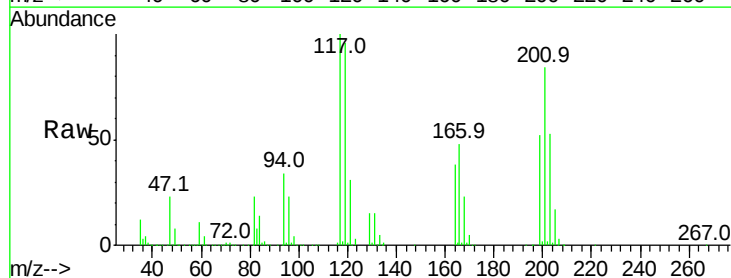
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 46.91 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion:	117	Resp:	344048
Ion Ratio	Lower	Upper	
117	100		
119	95.8	78.2	117.4
201	83.7	75.7	113.5

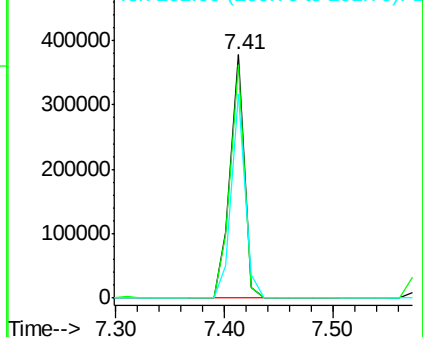
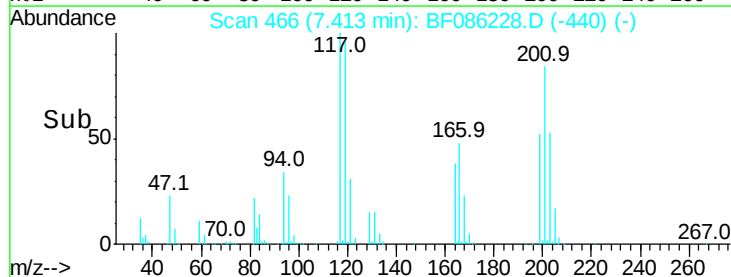


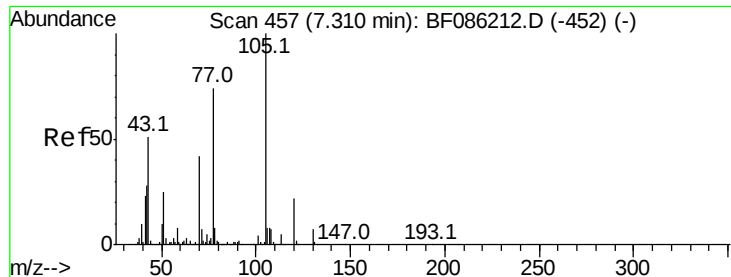
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





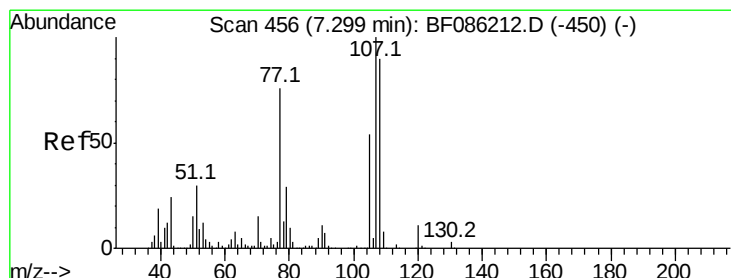
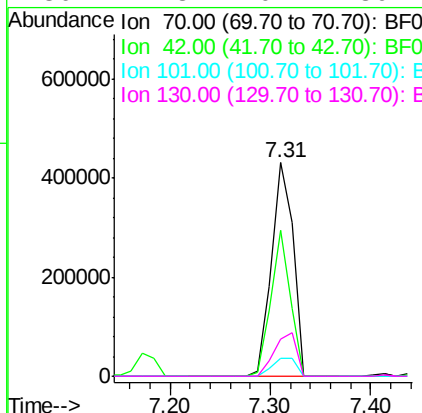
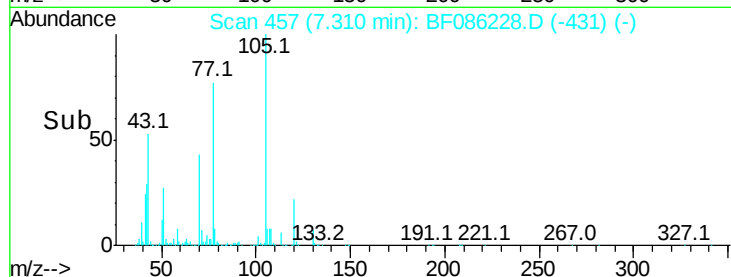
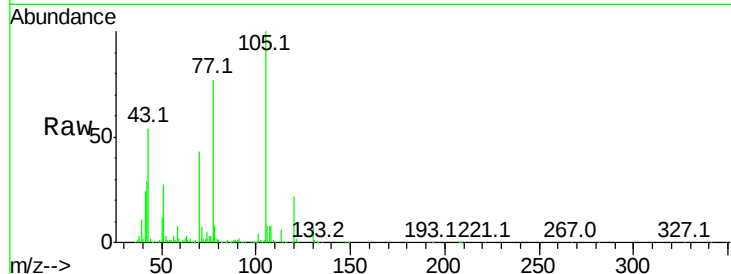
#19
n-Nitroso-di-n-propylamine
Concen: 47.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.2	43.0	64.4#
101	8.6	8.1	12.1
130	17.3	20.1	30.1#

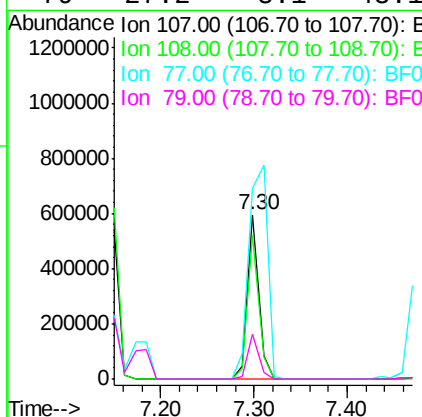
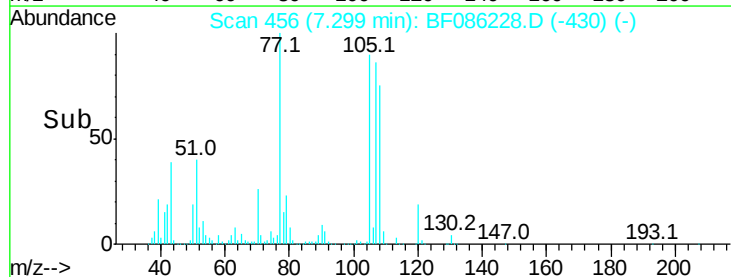
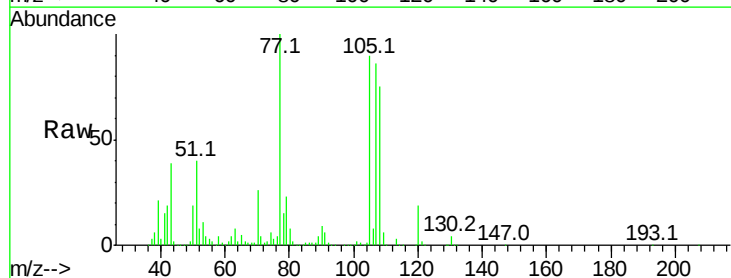
Manual Integrations
APPROVED

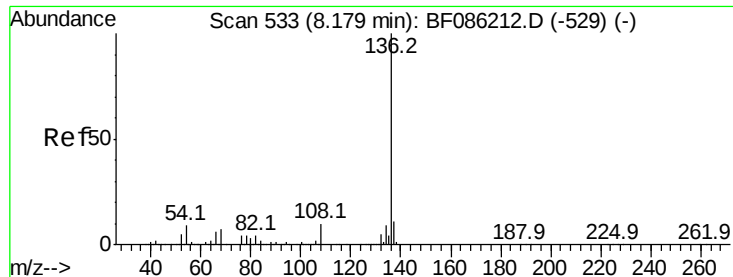
Sohil
4/18/2016 7:30:11 PM



#20
3+4-Methylphenols
Concen: 27.75 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	69.7	109.7
77	115.8	60.5	100.5#
79	27.2	8.1	48.1





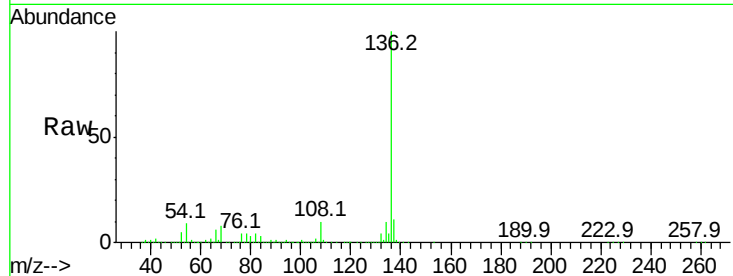
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.1	13.7	
54	9.1	7.3	10.9	
68	7.7	5.7	8.5	

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



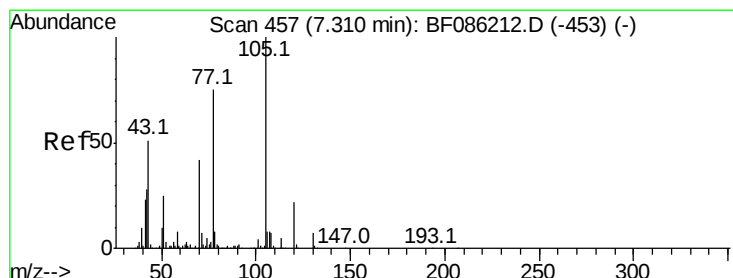
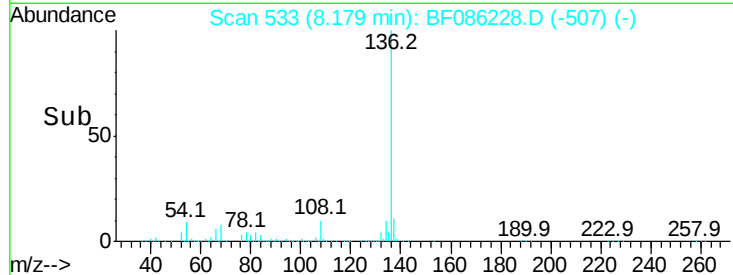
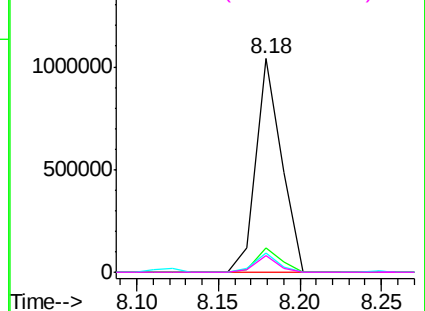
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 60.62 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.0	6.0#	
51	26.7	22.0	33.0	
120	22.1	17.5	26.3	

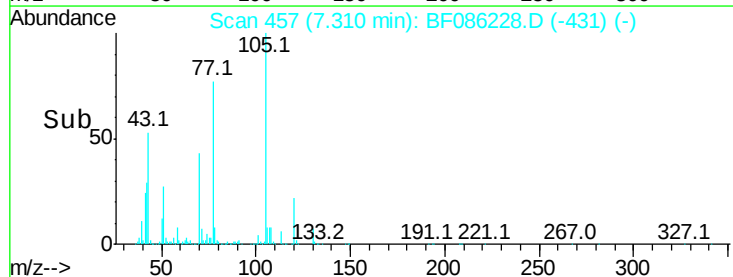
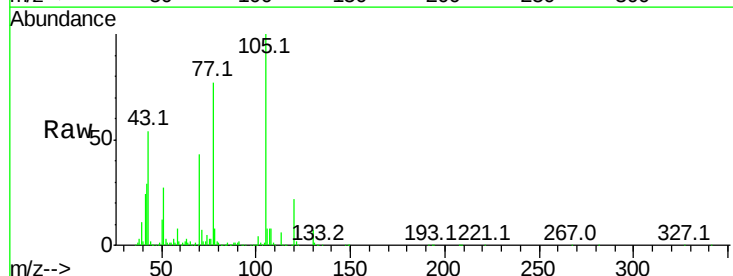
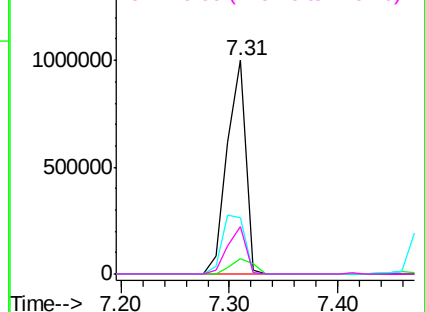
Abundance

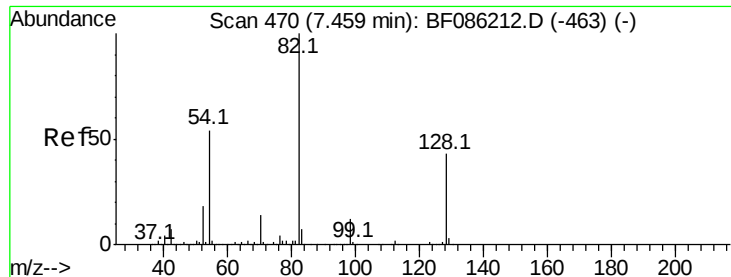
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.17 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion: 82 Resp: 1898615

Ion Ratio Lower Upper

82 100

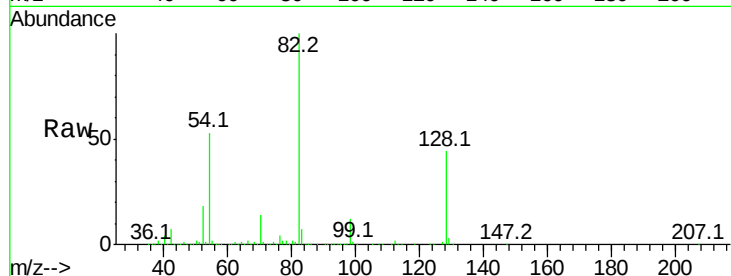
128 43.9 35.4 53.2

54 53.4 43.4 65.0

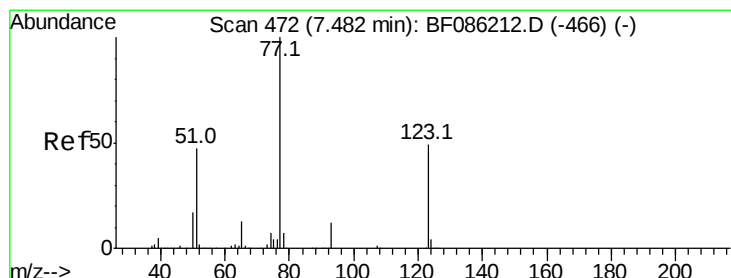
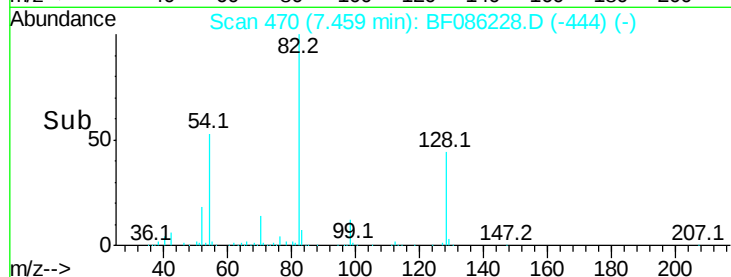
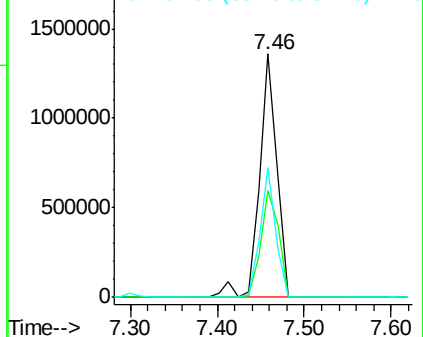
Manual Integrations
APPROVED

Sohil

4/18/2016 7:30:11 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 51.49 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

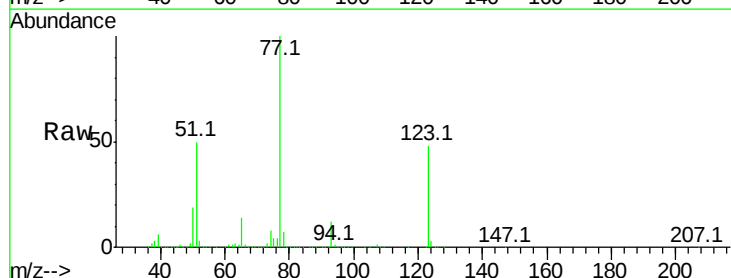
Tgt Ion: 77 Resp: 1100135

Ion Ratio Lower Upper

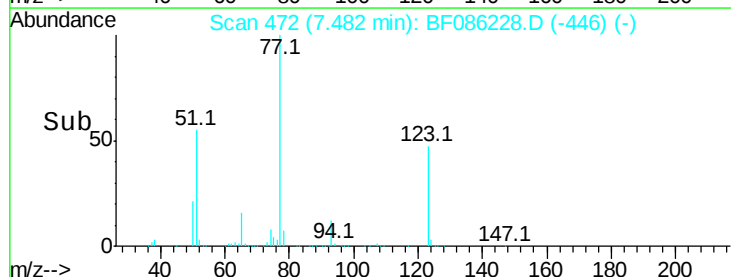
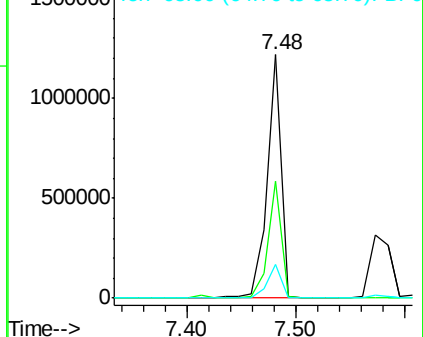
77 100

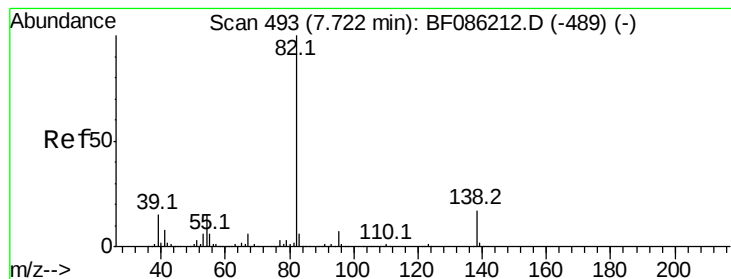
123 47.9 38.3 57.5

65 13.8 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.08 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion: 82 Resp: 1941592

Ion Ratio Lower Upper

82 100

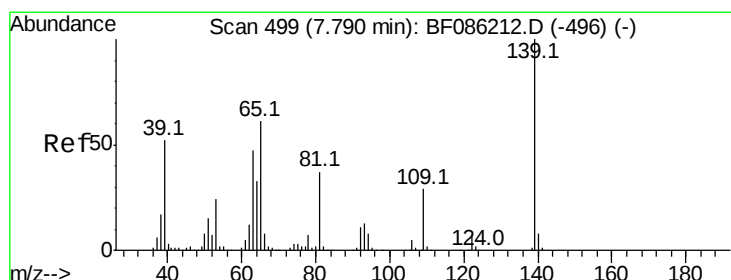
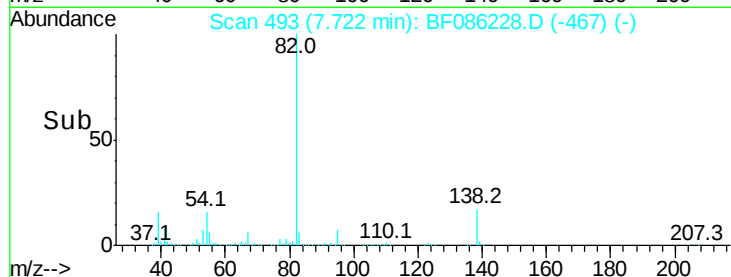
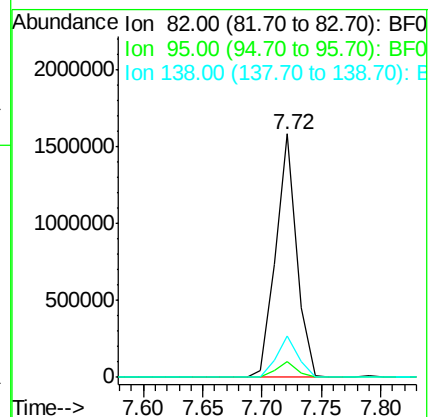
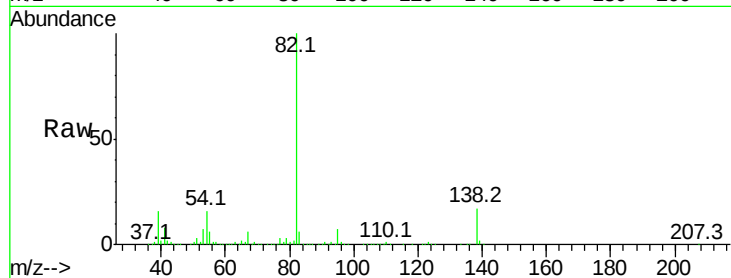
95 6.7 5.4 8.2

138 17.0 13.4 20.2

Manual Integrations
APPROVED

Sohil

4/18/2016 7:30:11 PM



#26

2-Nitrophenol

Concen: 53.92 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

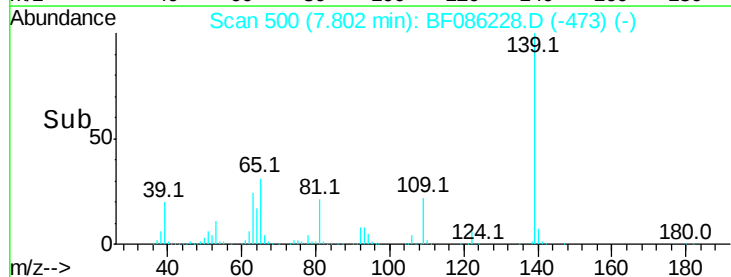
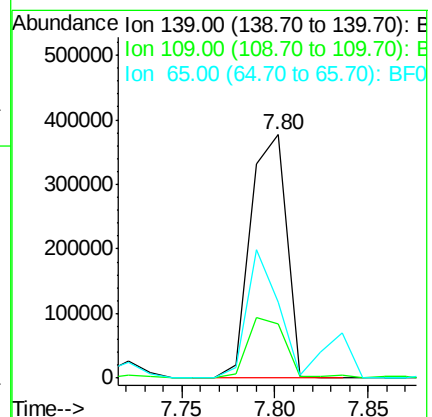
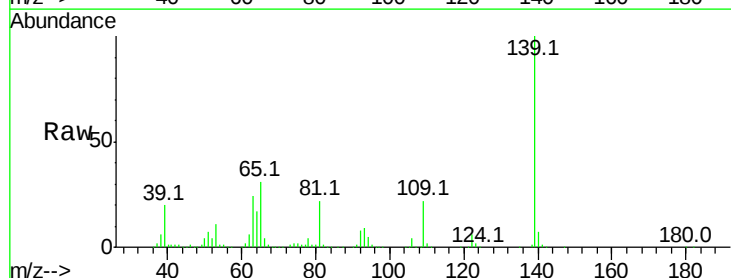
Tgt Ion: 139 Resp: 502197

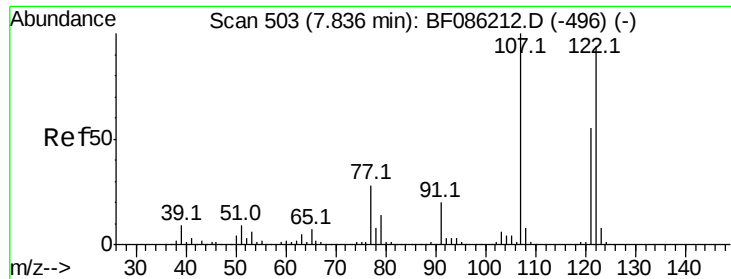
Ion Ratio Lower Upper

139 100

109 22.1 25.8 38.8#

65 31.0 50.2 75.2#





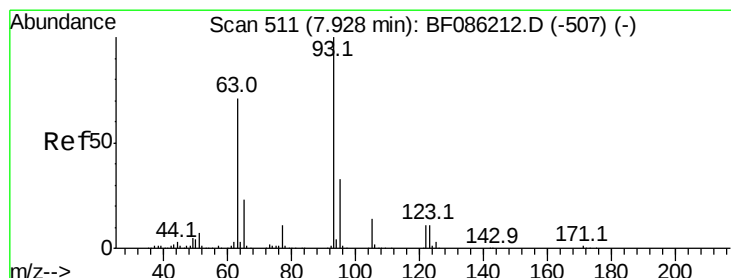
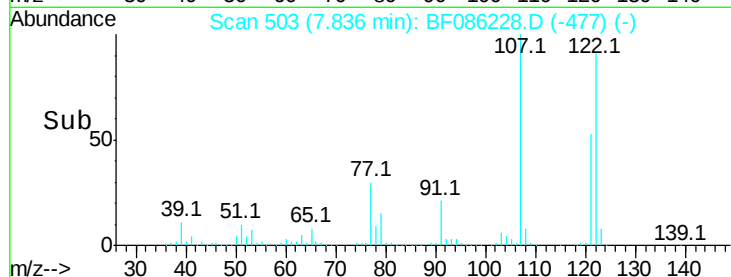
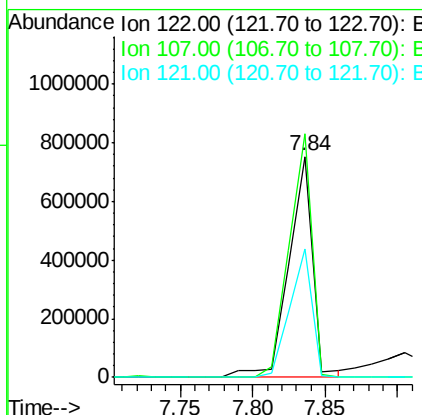
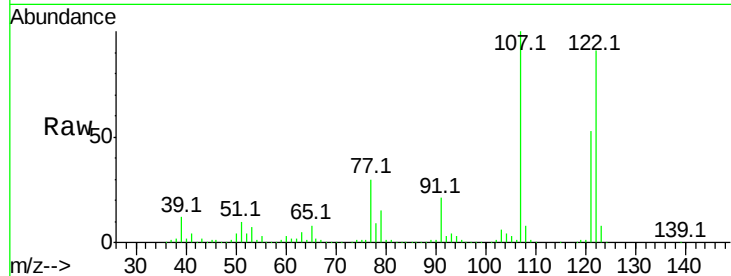
#27
 2,4-Dimethylphenol
 Concen: 45.34 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	85.8	128.6
121	58.2	47.1	70.7

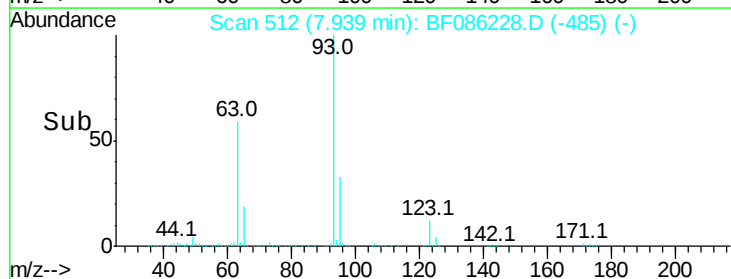
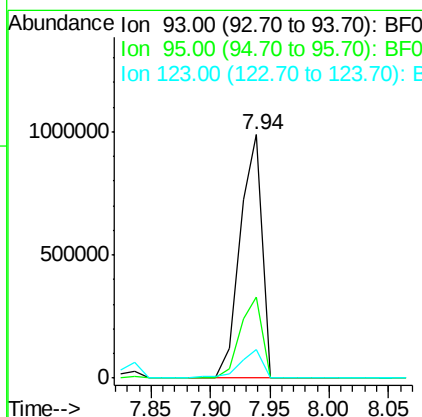
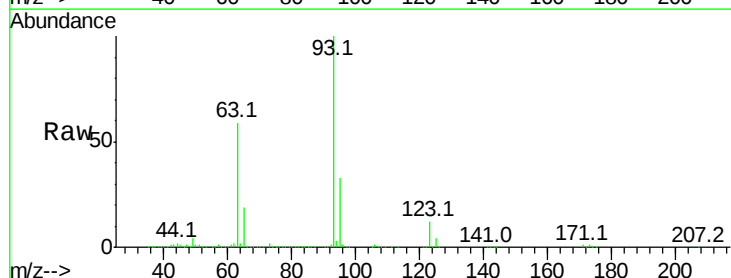
Manual Integrations
 APPROVED

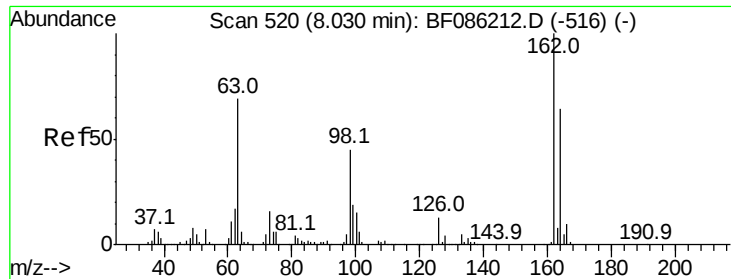
Sohil
 4/18/2016 7:30:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.33 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.8
123	11.8	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 49.16 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

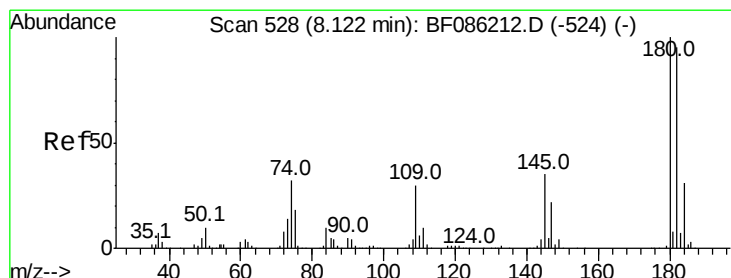
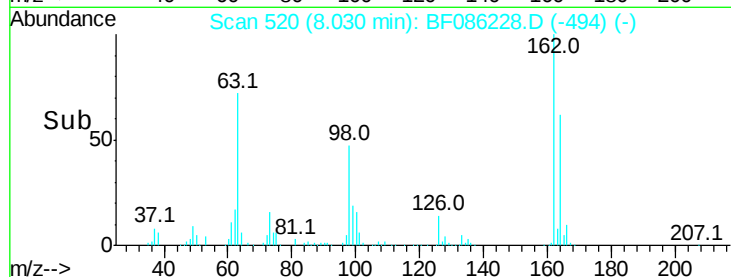
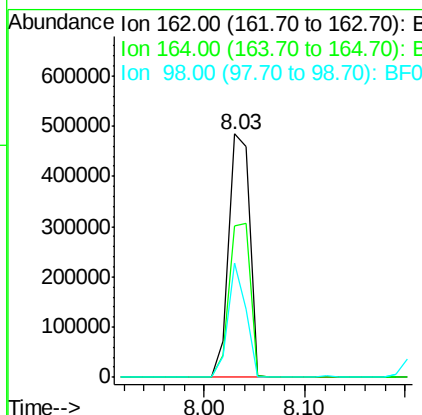
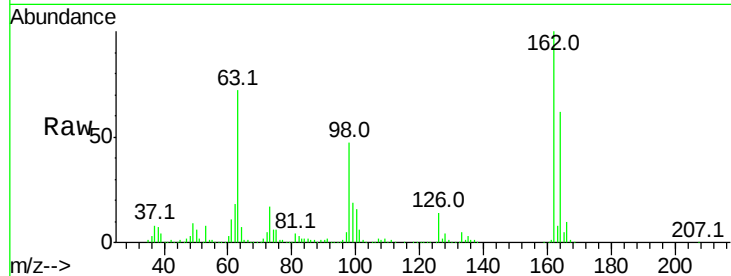
ClientSampleId :

H2402-04MSMS

Tot Ion:	162	Resp:	703103
Ion Ratio	Lower	Upper	
162	100		
164	62.3	43.3	83.3
98	47.0	22.9	62.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



#30

1,2,4-Trichlorobenzene

Concen: 47.23 ng

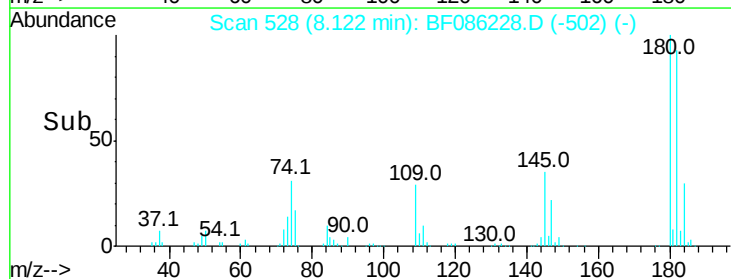
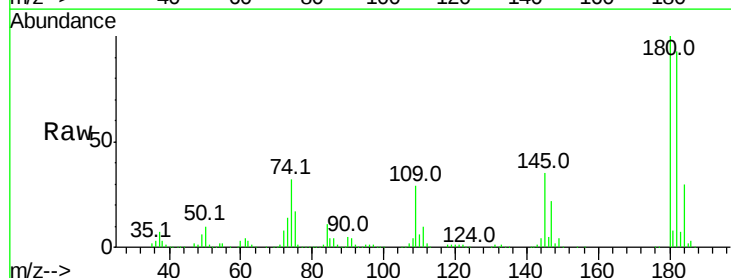
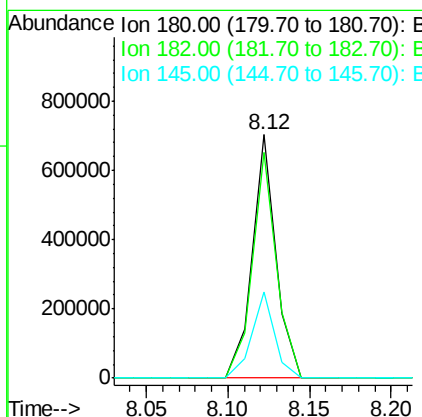
RT: 8.12 min Scan# 528

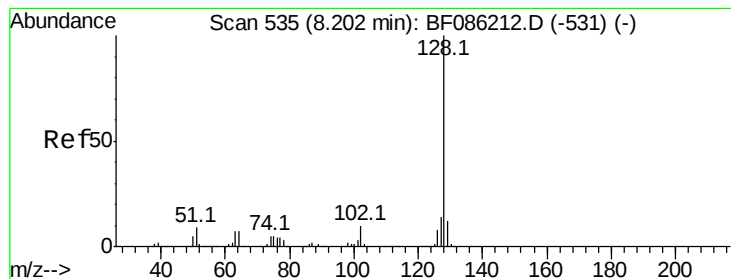
Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:	180	Resp:	706827
Ion Ratio	Lower	Upper	
180	100		
182	92.8	76.3	114.5
145	35.3	27.4	41.2





#31

Naphthalene

Concen: 46.49 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:128 Resp: 2339516

Ion Ratio Lower Upper

128 100

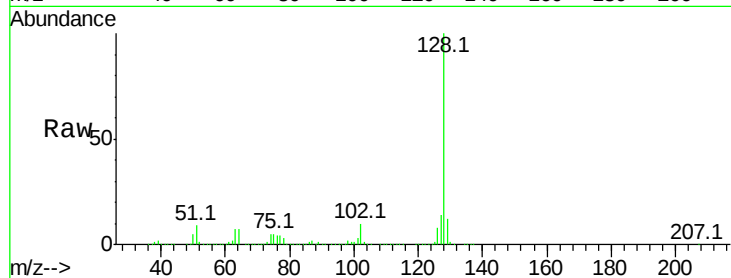
129 12.1 9.6 14.4

127 14.3 11.4 17.2

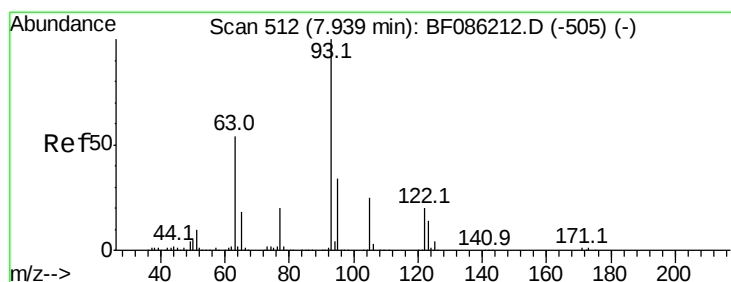
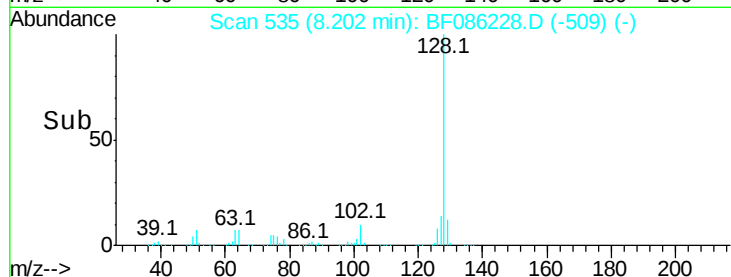
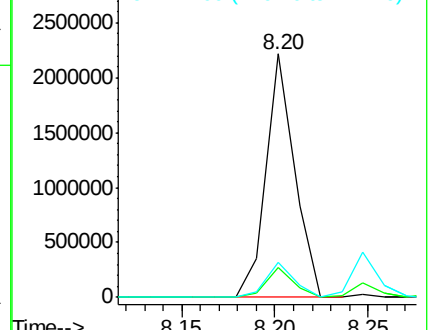
Manual Integrations
APPROVED

Sohil

4/18/2016 7:30:11 PM



Abundance Ion 128.00 (127.70 to 128.70): E
3000000 Ion 129.00 (128.70 to 129.70): E
2500000 Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.55 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

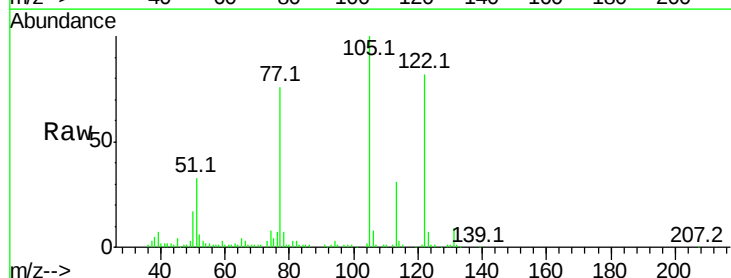
Tgt Ion:122 Resp: 199052

Ion Ratio Lower Upper

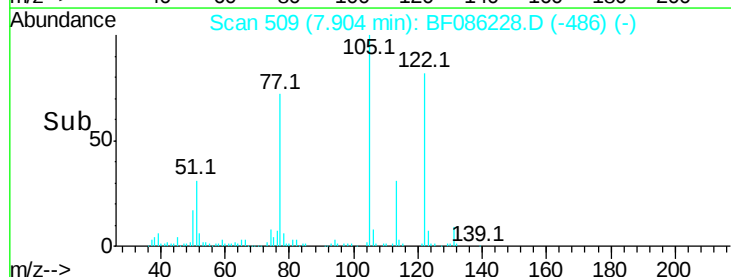
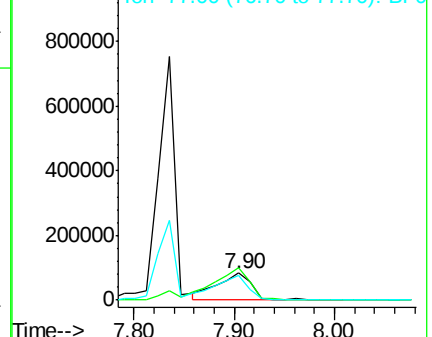
122 100

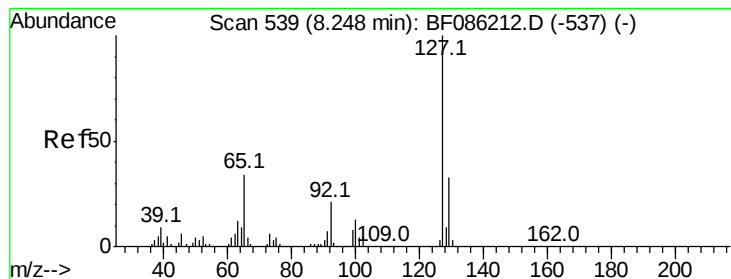
105 122.2 103.7 143.7

77 93.1 74.9 114.9



Abundance Ion 122.00 (121.70 to 122.70): E
1000000 Ion 105.00 (104.70 to 105.70): E
800000 Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.13 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

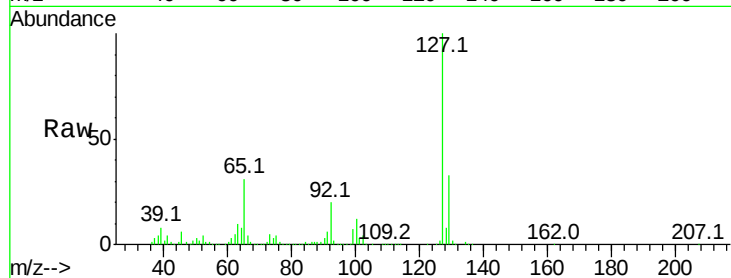
ClientSampleId :

H2402-04MSMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.8	40.2	
65	30.6	27.1	40.7	
92	19.6	16.2	24.2	

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



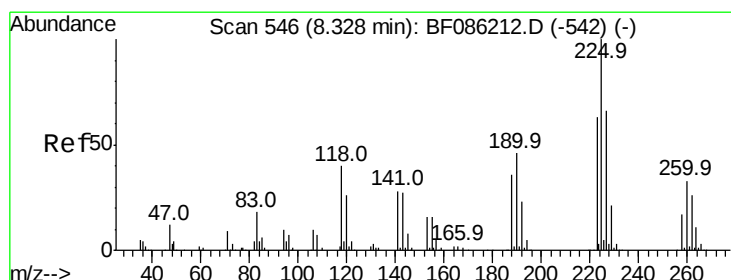
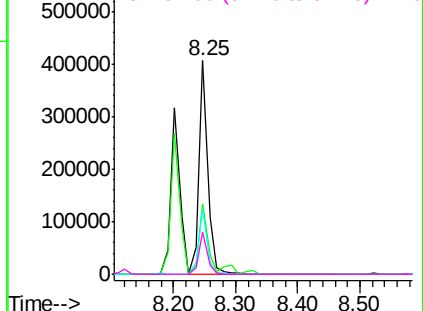
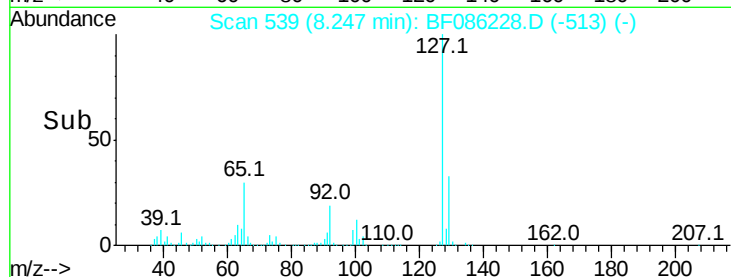
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 47.51 ng

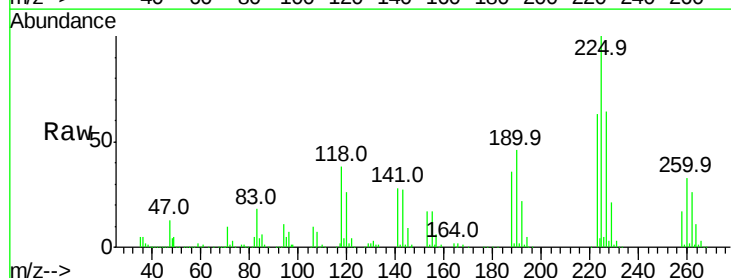
RT: 8.33 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	49.4	74.0	
227	63.6	51.1	76.7	

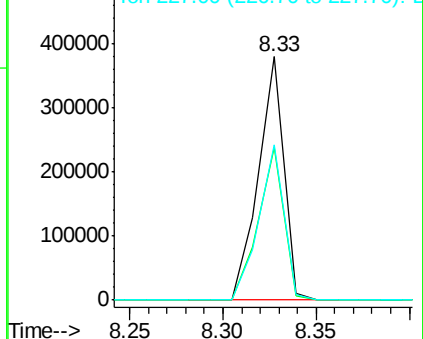
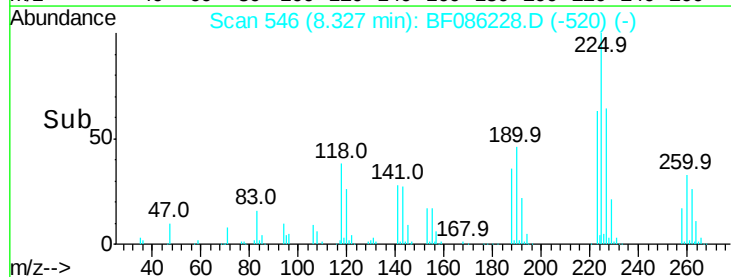


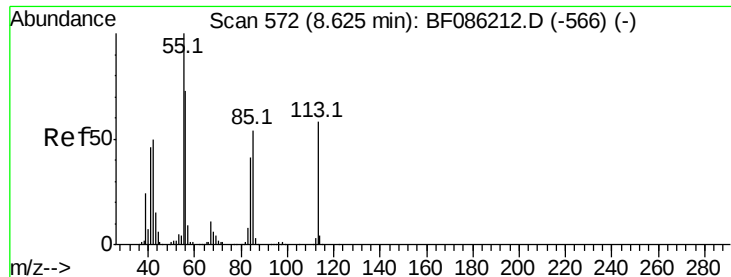
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





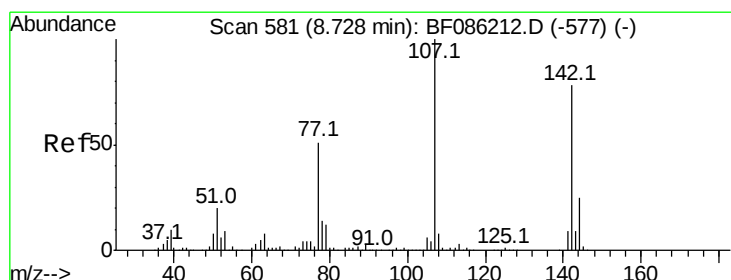
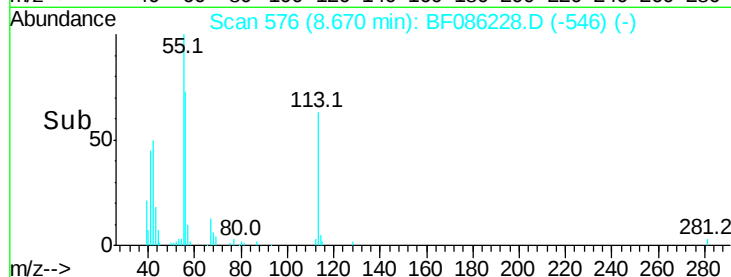
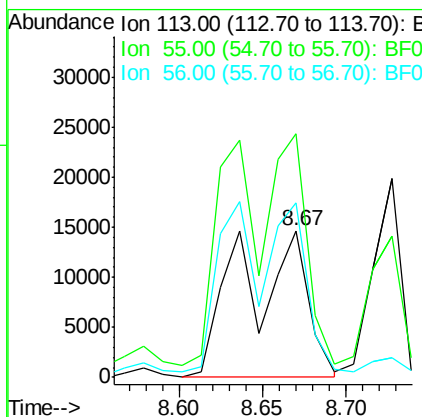
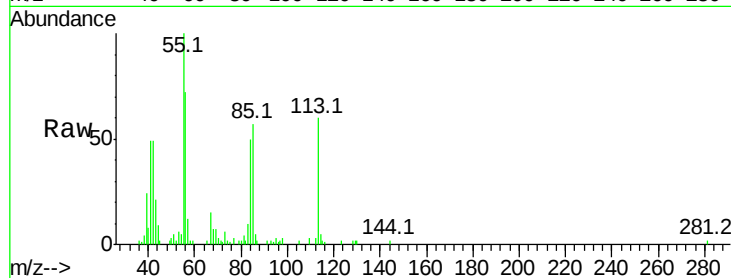
#35
 Caprolactam
 Concen: 7.71 ng/ml
 RT: 8.67 min Scan# 576
 Delta R.T. 0.05 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	166.1	117.5	157.5#	
56	118.8	82.5	122.5	

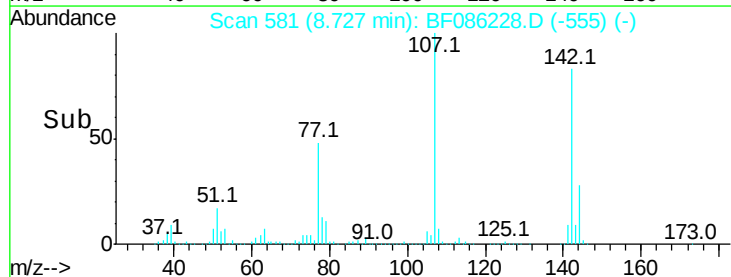
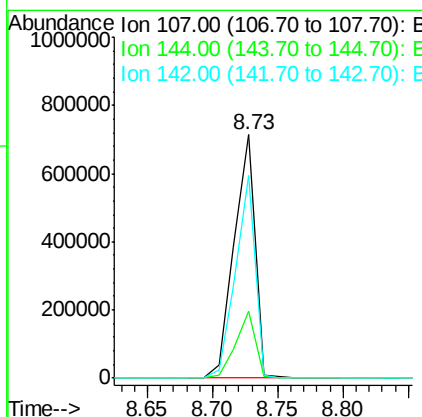
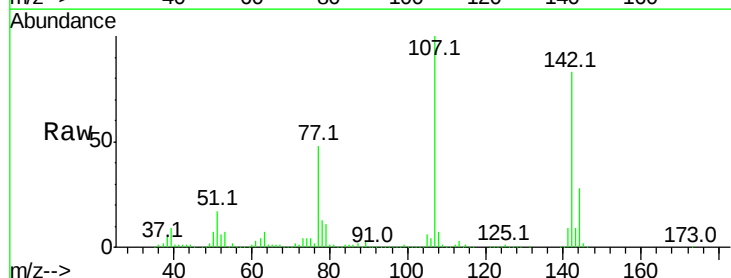
Manual Integrations
 APPROVED

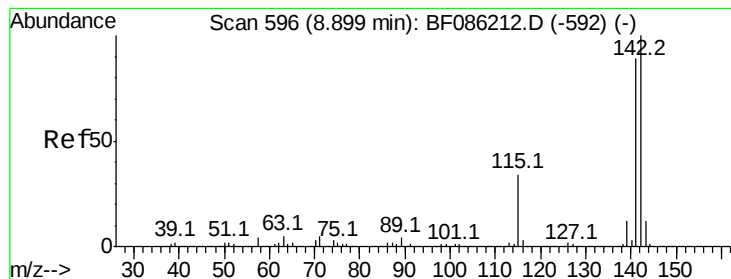
Sohil
 4/18/2016 7:30:11 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.87 ng/ml
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.5	20.7	31.1	
142	83.1	64.5	96.7	





#37

2-Methylnaphthalene

Concen: 51.52 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:142 Resp: 1676594

Ion Ratio Lower Upper

142 100

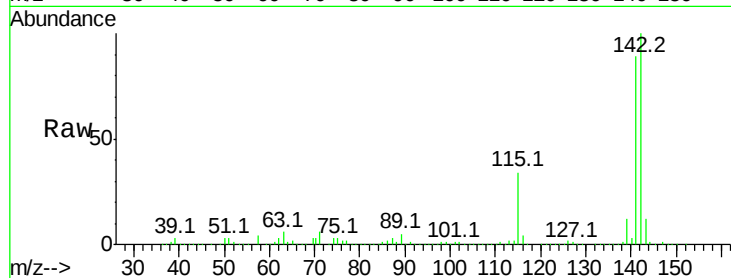
141 88.6 71.1 106.7

115 34.4 25.1 37.7

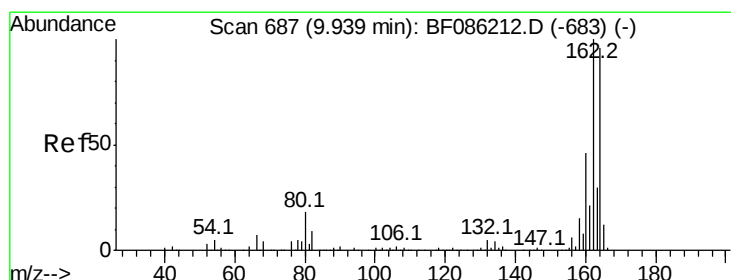
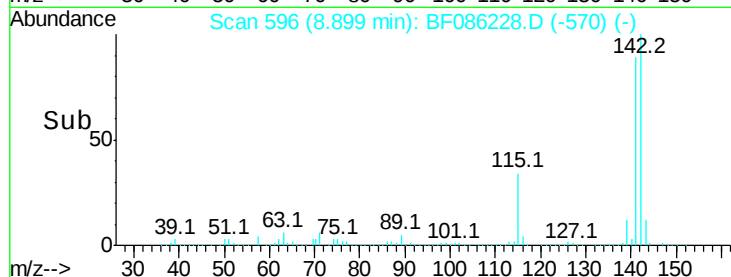
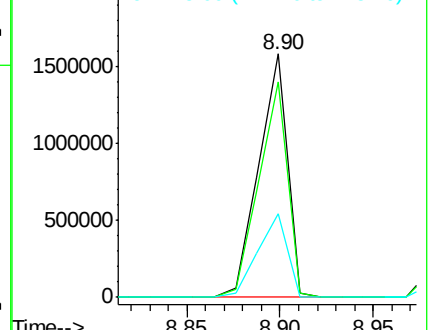
Manual Integrations
APPROVED

Sohil

4/18/2016 7:30:11 PM



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

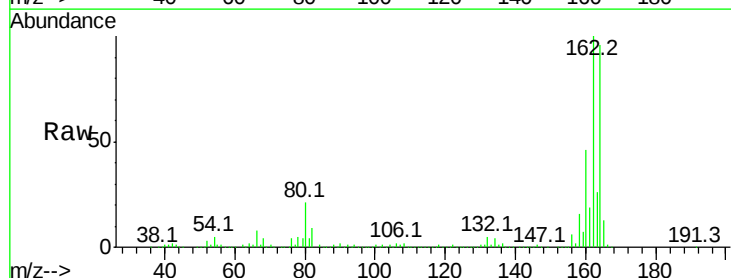
Tgt Ion:164 Resp: 512567

Ion Ratio Lower Upper

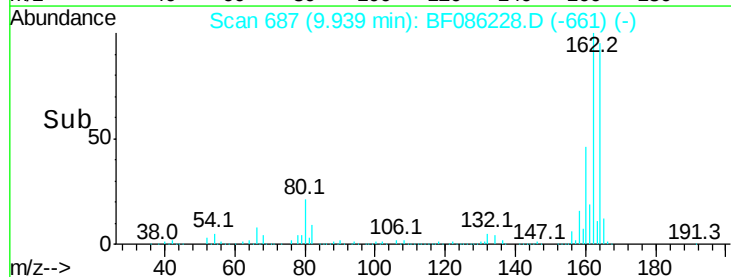
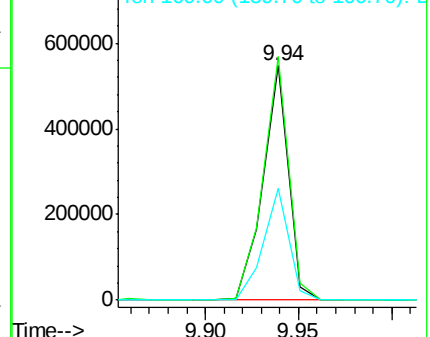
164 100

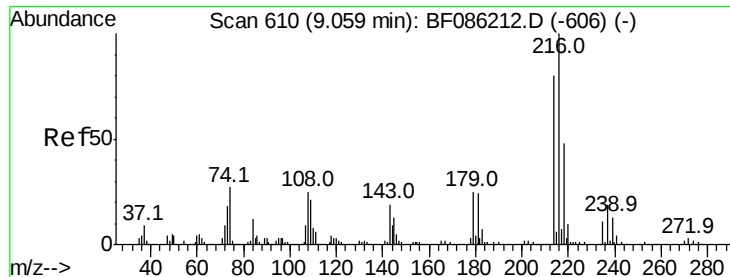
162 103.9 82.8 124.2

160 47.5 38.9 58.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.79 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

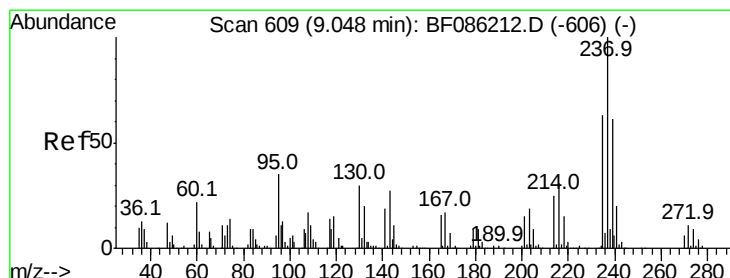
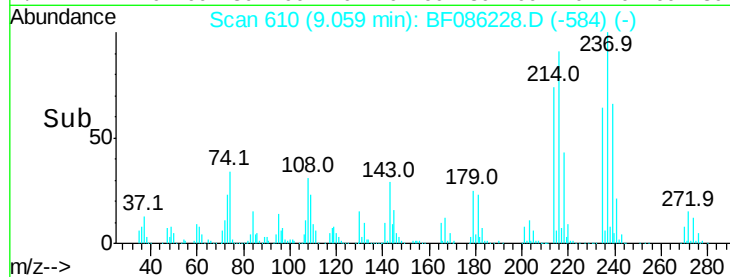
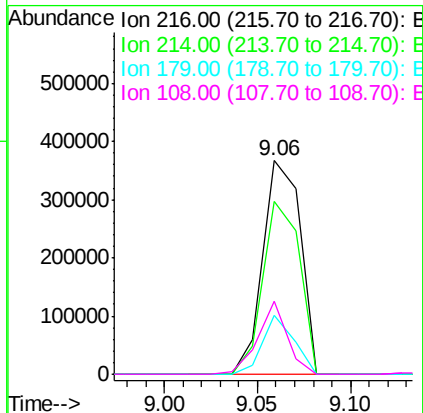
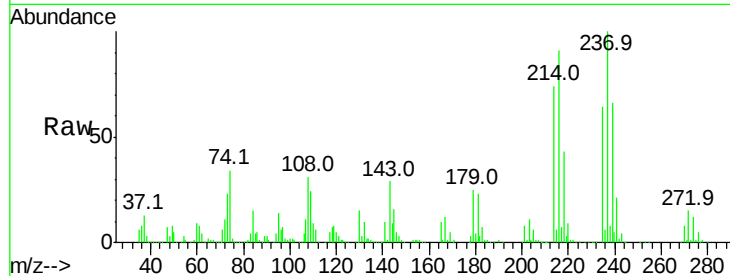
ClientSampleId :

H2402-04MSMS

Tot Ion:	216	Resp:	511844
Ion Ratio		Lower	Upper
216	100		
214	79.4	64.9	97.3
179	22.9	19.8	29.6
108	26.3	21.0	31.4

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



#40

Hexachlorocyclopentadiene

Concen: 93.55 ng

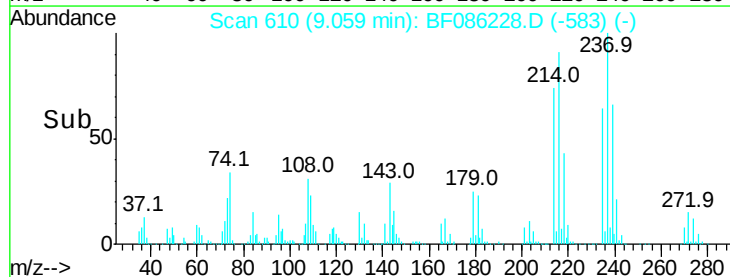
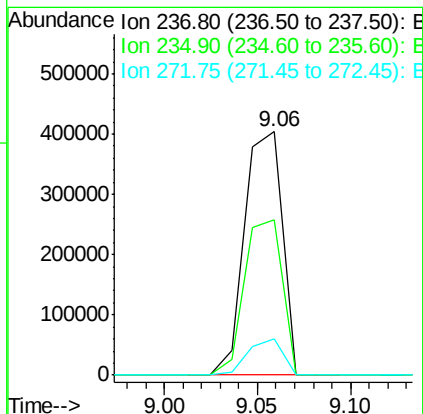
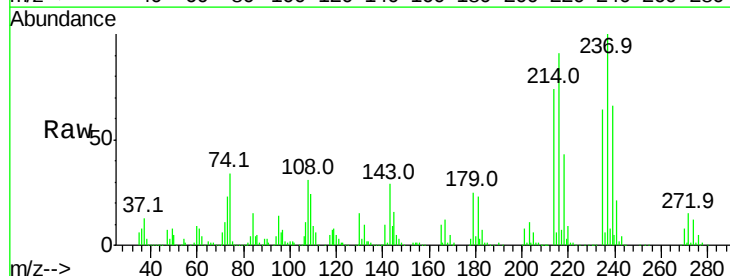
RT: 9.06 min Scan# 610

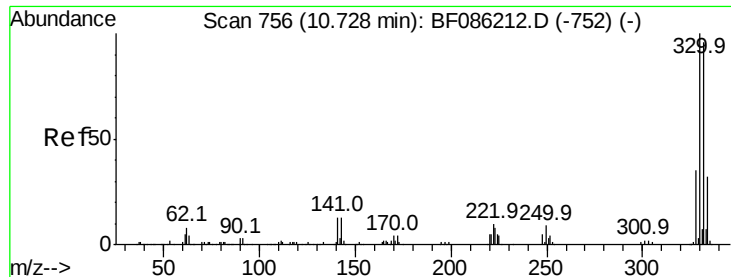
Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:	237	Resp:	565245
Ion Ratio		Lower	Upper
237	100		
235	63.8	44.0	84.0
272	15.1	0.0	32.4





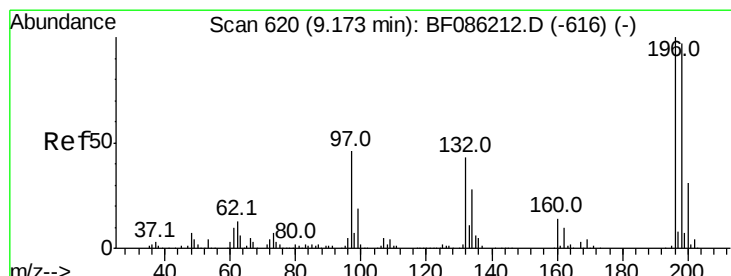
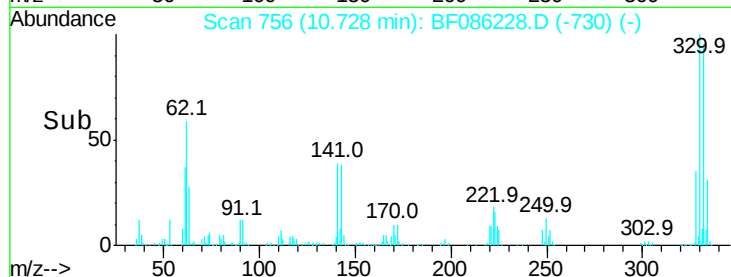
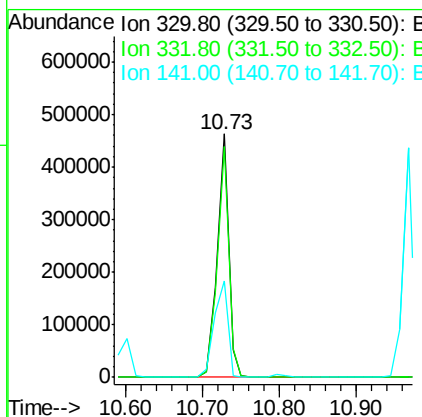
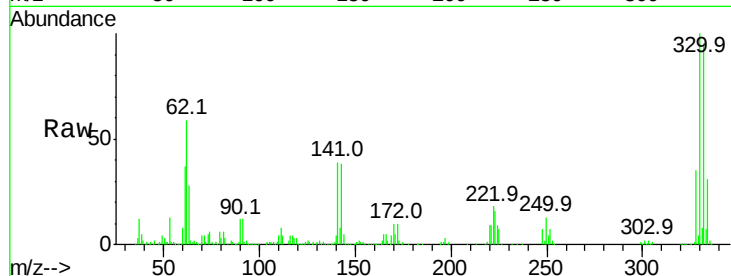
#41
 2,4,6-Tribromophenol
 Concen: 117.83 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	78.7	118.1	
141	45.9	28.6	42.8	

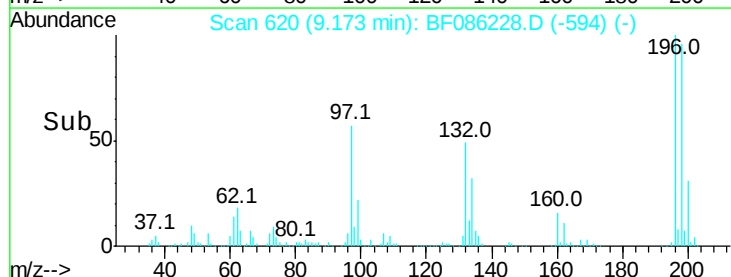
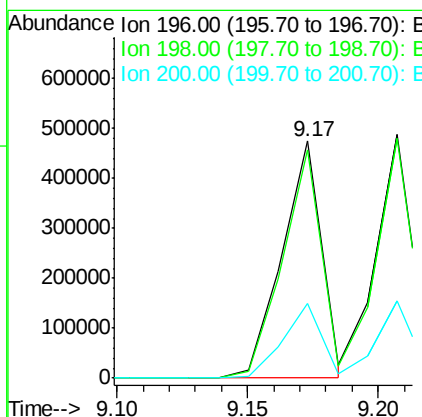
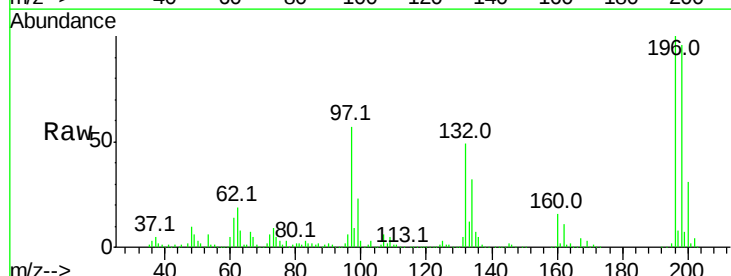
Manual Integrations
 APPROVED

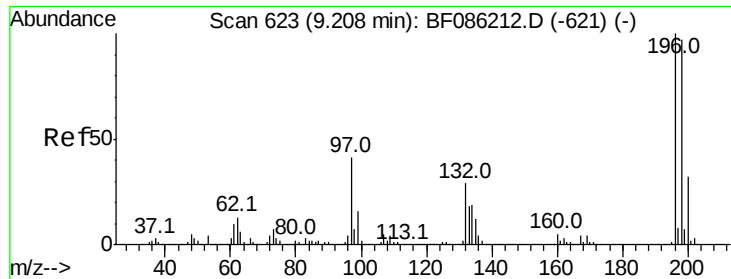
Sohil
 4/18/2016 7:30:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.42 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.3	76.6	115.0	
200	31.4	25.3	37.9	





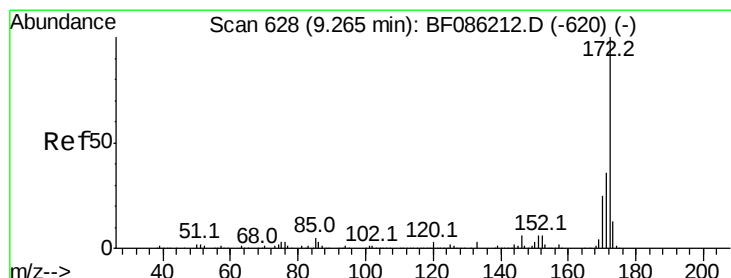
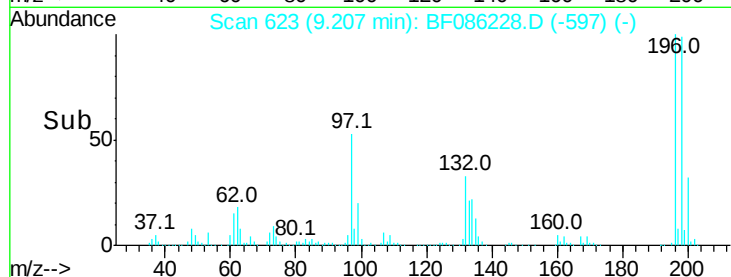
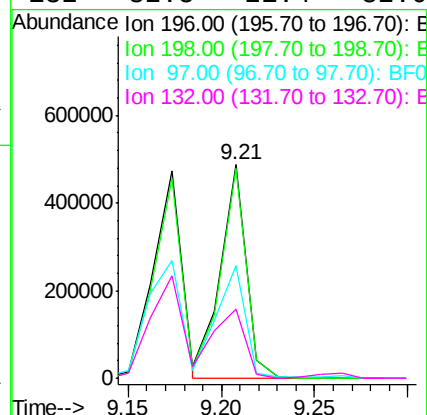
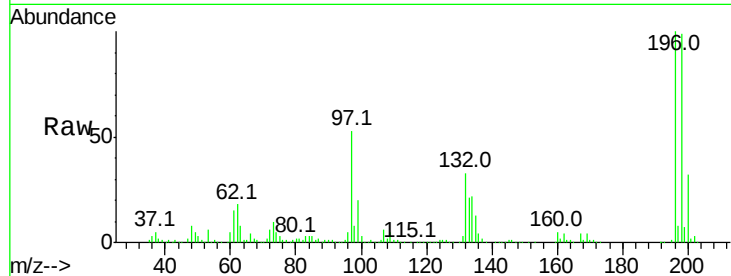
#43
 2,4,5-Trichlorophenol
 Concen: 48.08 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	468933		
198	98.5	77.7	116.5	
97	52.9	32.6	48.8#	
132	32.5	21.4	32.0#	

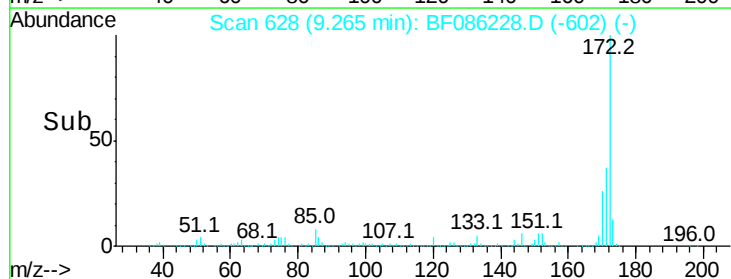
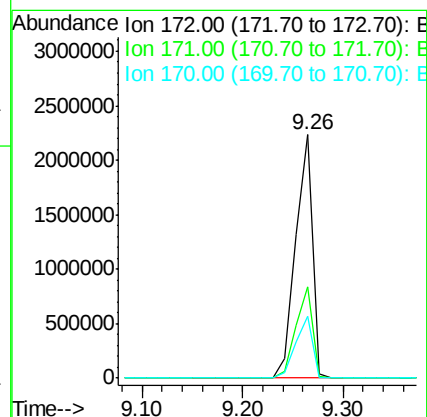
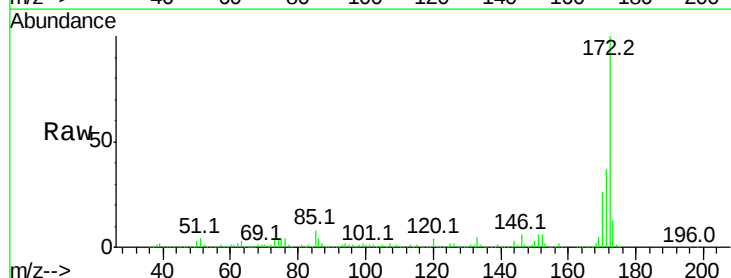
Manual Integrations
 APPROVED

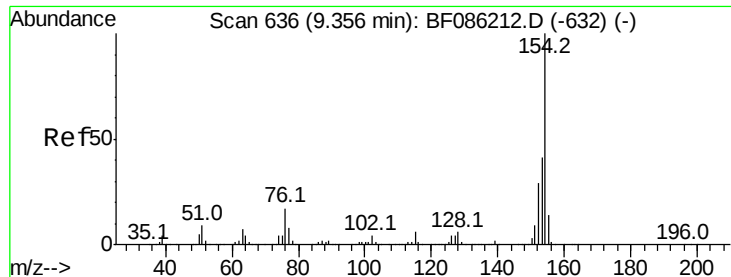
Sohil
 4/18/2016 7:30:11 PM



#44
 2-Fluorobiphenyl
 Concen: 93.25 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2590176		
171	37.4	29.1	43.7	
170	25.6	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 50.90 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:154 Resp: 1878223

Ion Ratio Lower Upper

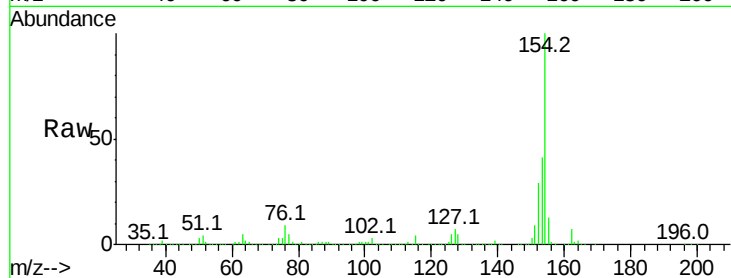
154 100

153 40.9 21.3 61.3

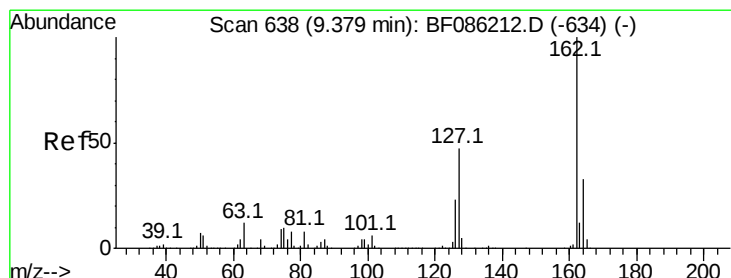
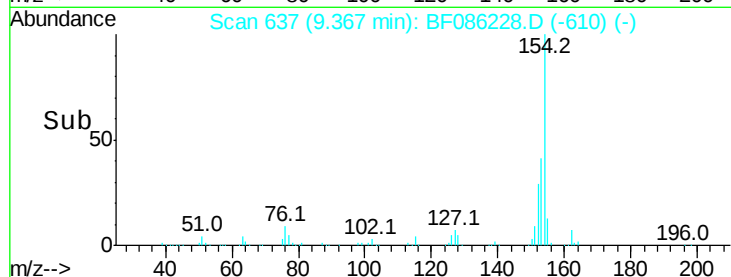
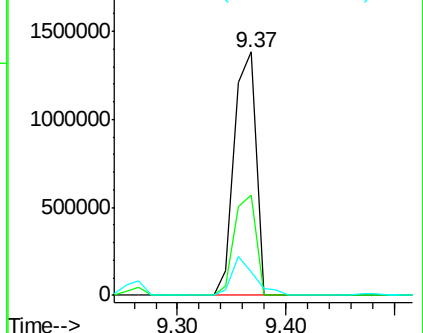
76 9.4 0.0 36.4

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



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



#46

2-Chloronaphthalene

Concen: 51.75 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

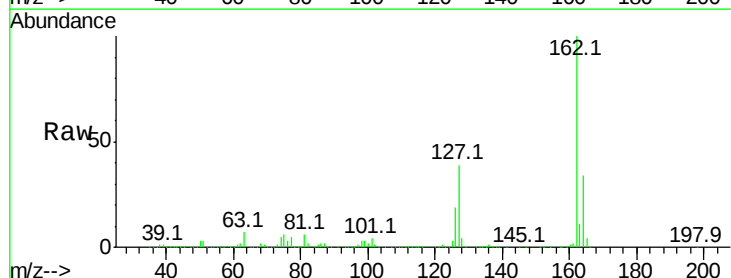
Tgt Ion:162 Resp: 1559037

Ion Ratio Lower Upper

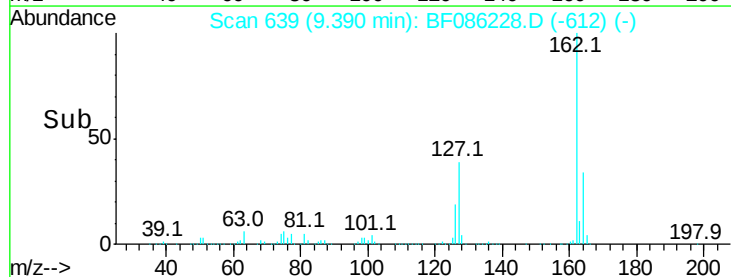
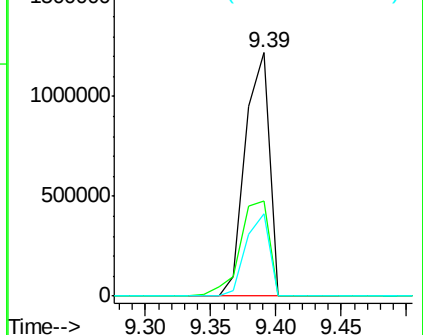
162 100

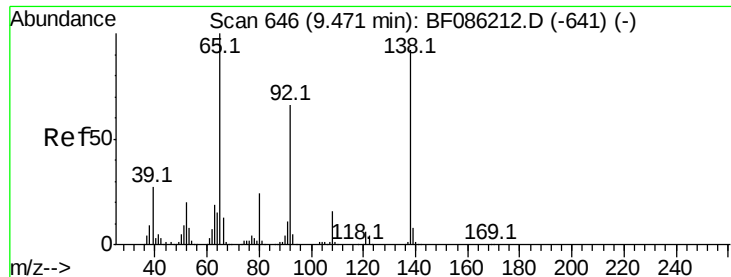
127 39.1 36.7 55.1

164 33.8 26.4 39.6



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





#47

2-Nitroaniline

Concen: 58.73 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

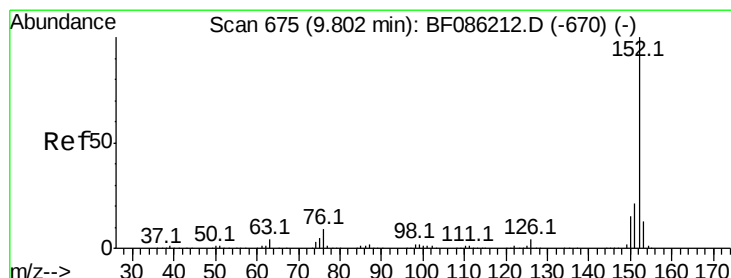
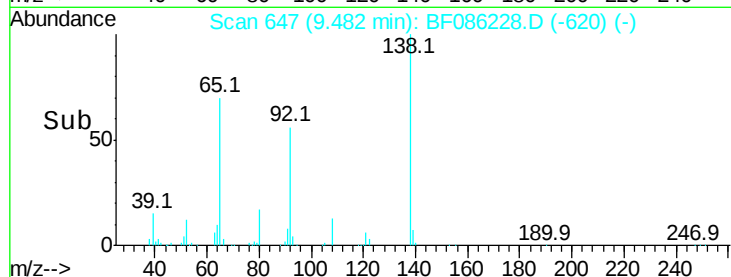
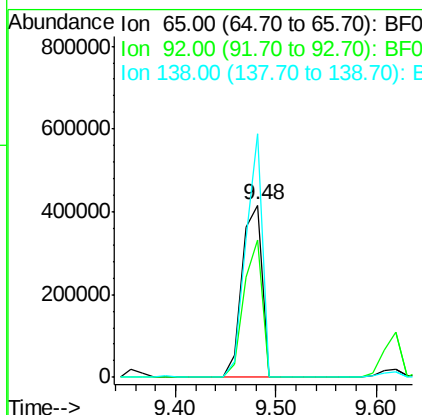
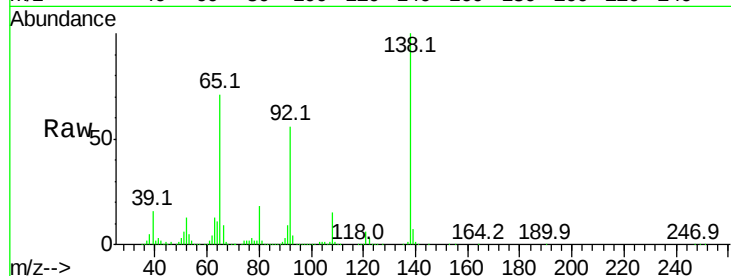
ClientSampleId :

H2402-04MSMS

Tot Ion:	65	Resp:	573144
Ion Ratio	Lower	Upper	
65	100		
92	79.9	51.9	77.9#
138	141.6	72.6	108.8#

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



#48

Acenaphthylene

Concen: 48.75 ng

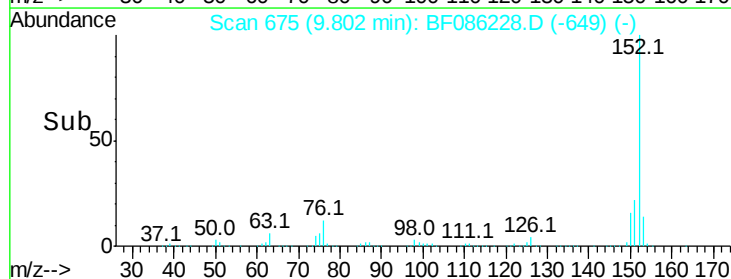
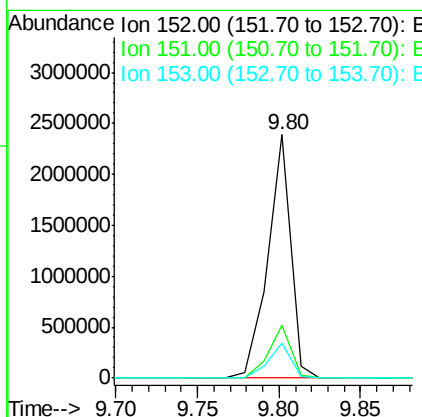
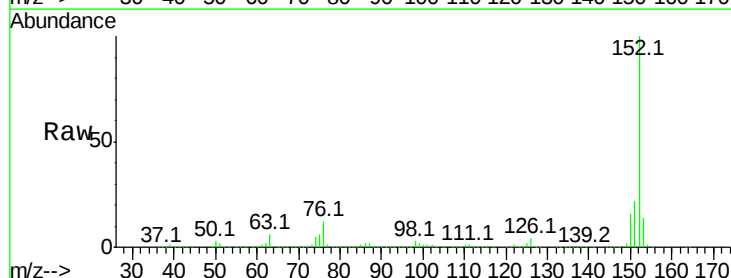
RT: 9.80 min Scan# 675

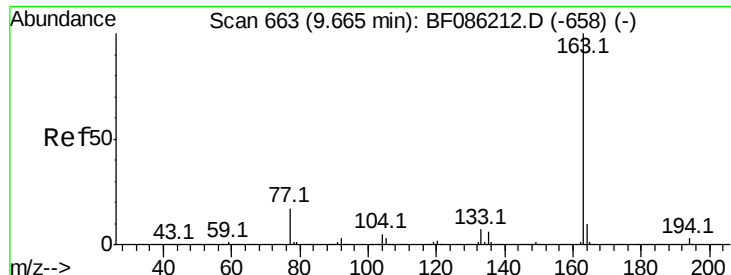
Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:	152	Resp:	2336701
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.2	25.8
153	14.2	10.7	16.1





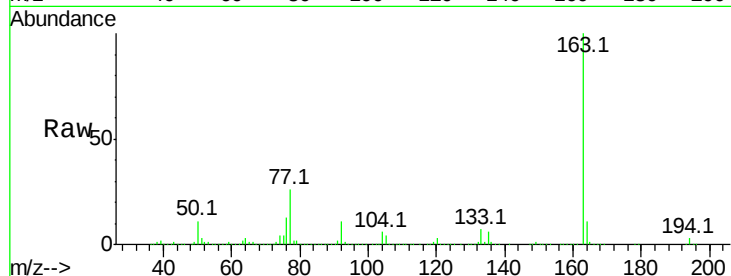
#49
Dimethylphthalate
Concen: 46.16 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

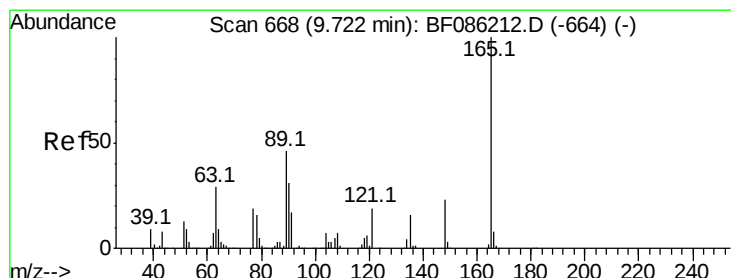
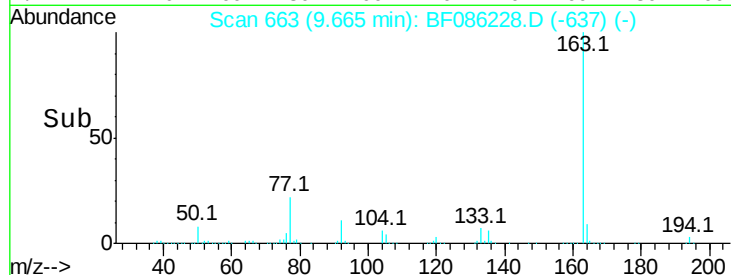
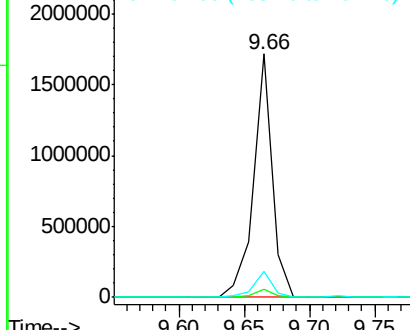
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.9	8.4	12.6

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



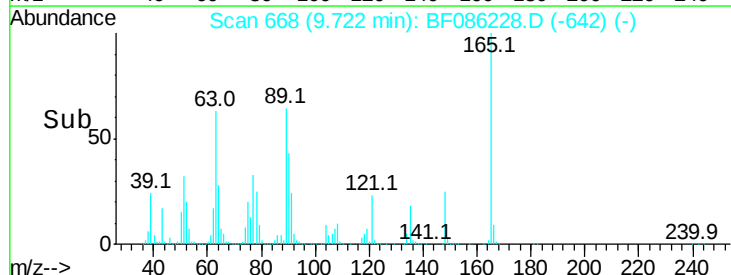
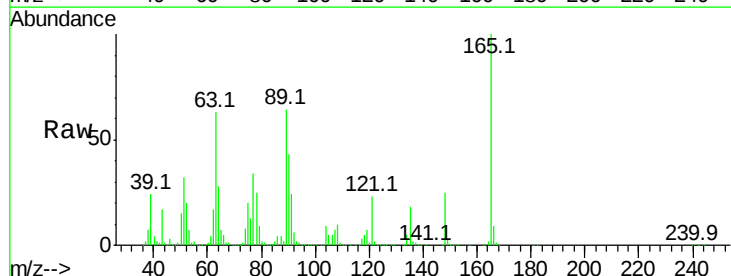
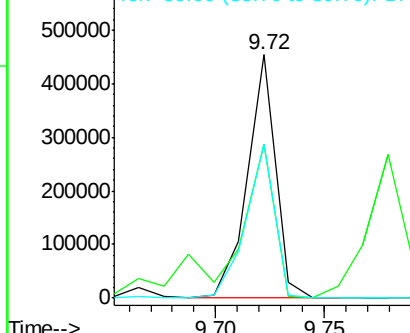
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

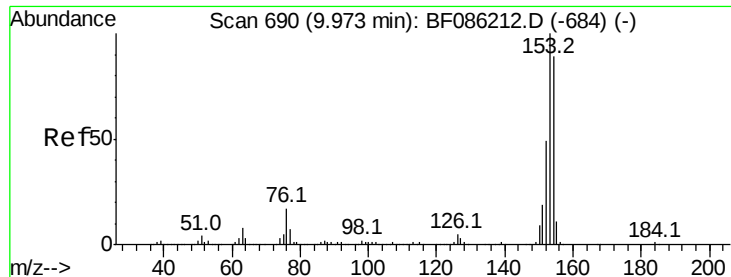


#50
2,6-Dinitrotoluene
Concen: 49.58 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.3	35.1	52.7#
89	63.5	39.8	59.6#

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: 55.92 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:154 Resp: 1601208

Ion Ratio Lower Upper

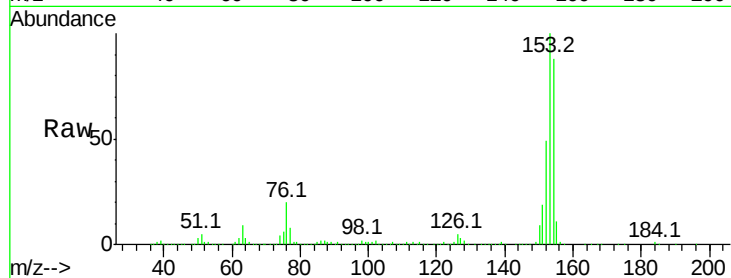
154 100

153 113.5 90.0 135.0

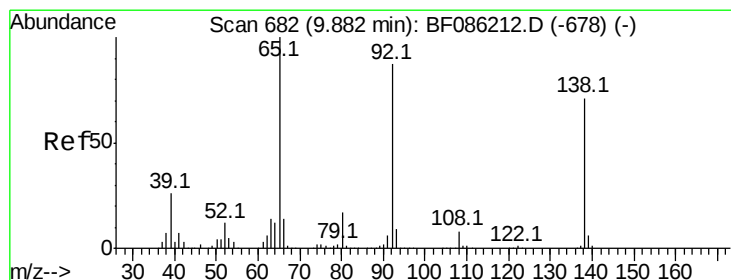
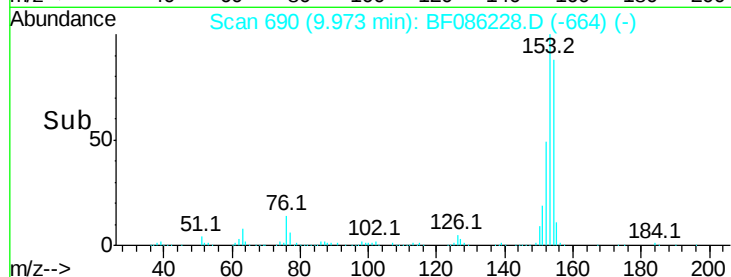
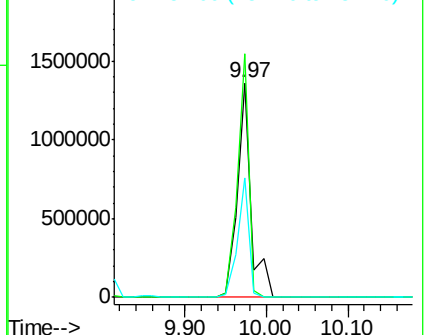
152 55.7 44.3 66.5

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 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: 19.47 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

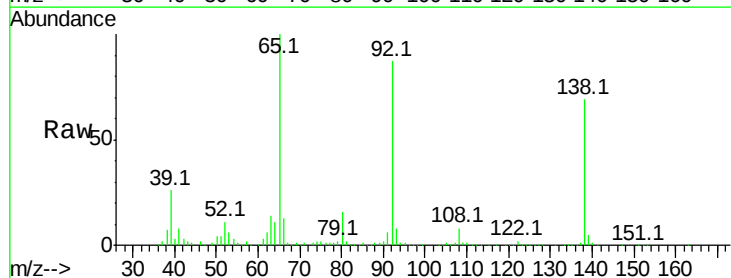
Tgt Ion:138 Resp: 195143

Ion Ratio Lower Upper

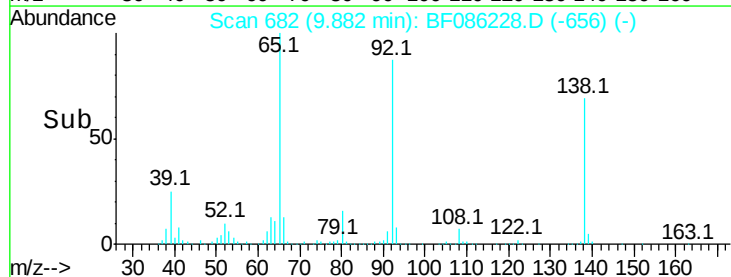
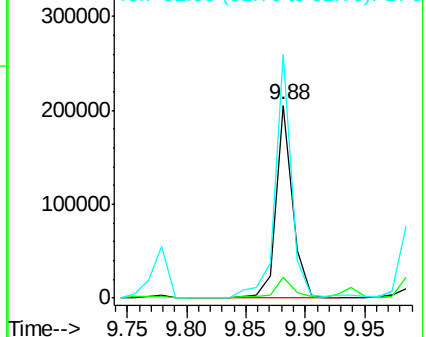
138 100

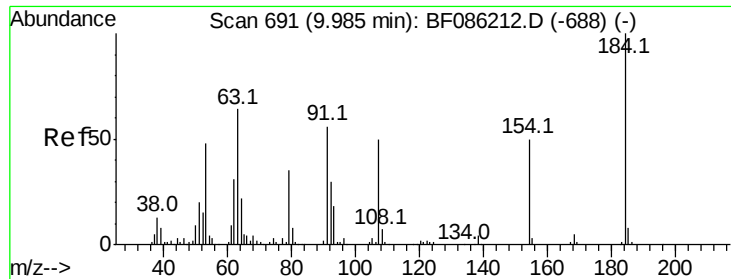
108 10.9 9.0 13.4

92 126.3 99.3 148.9



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





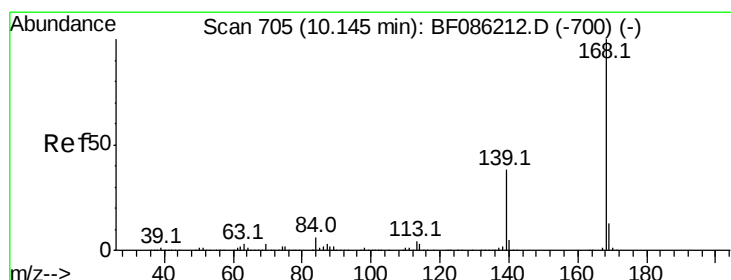
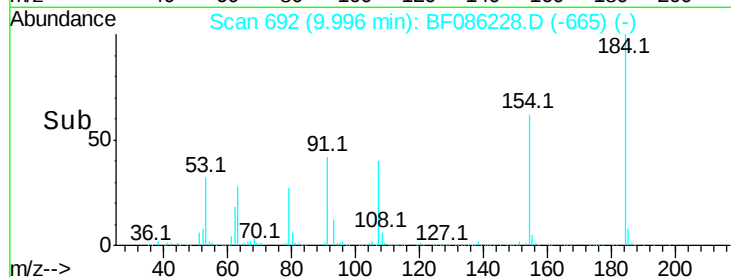
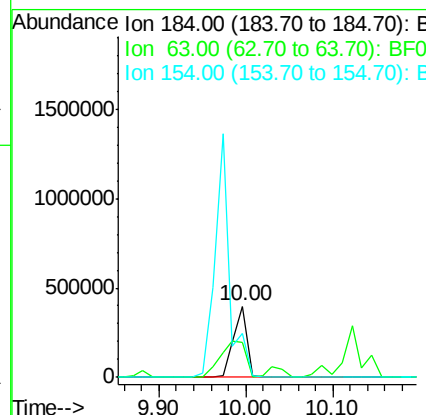
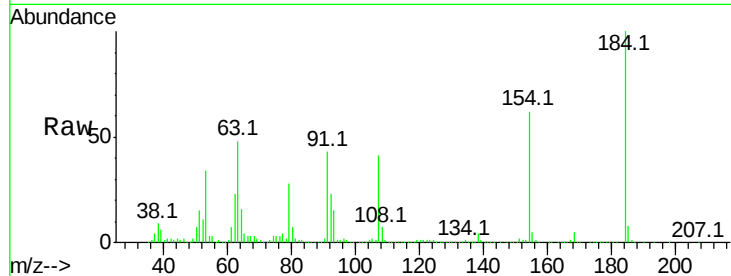
#53
2,4-Dinitrophenol
Concen: 136.42 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	426297		
63	48.3	64.7	97.1#	
154	62.4	59.4	89.2	

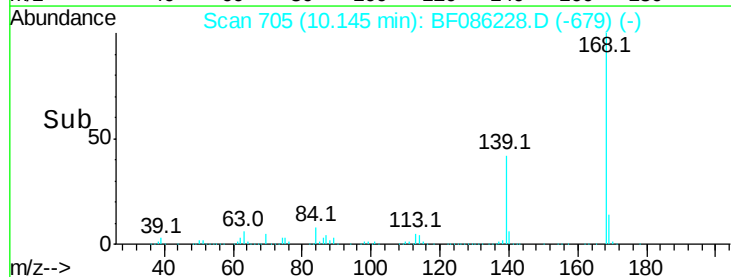
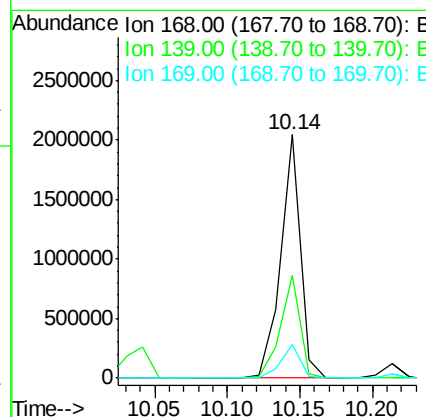
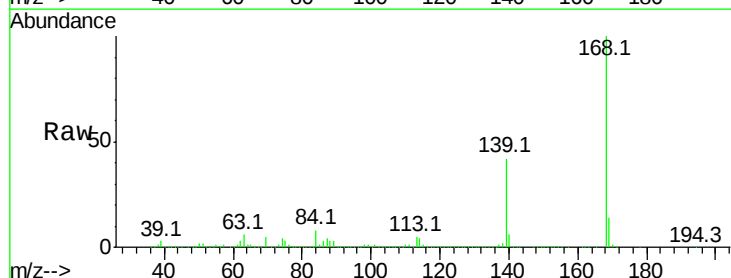
Manual Integrations
APPROVED

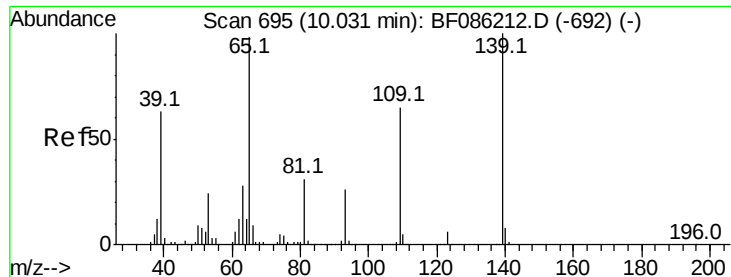
Sohil
4/18/2016 7:30:11 PM



#54
Dibenzofuran
Concen: 50.70 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1917475		
139	42.4	29.5	44.3	
169	14.1	10.6	16.0	





#55

4-Nitrophenol

Concen: 40.81 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:139 Resp: 319953

Ion Ratio Lower Upper

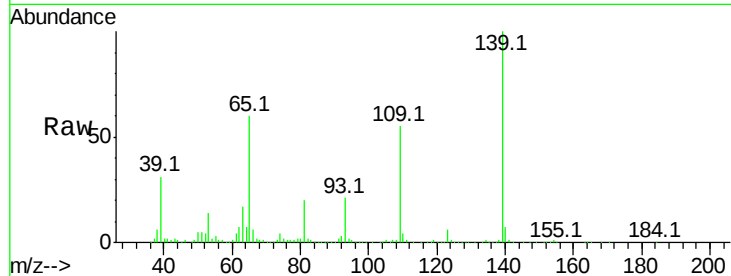
139 100

109 54.8 55.0 95.0#

65 60.2 87.3 127.3#

Manual Integrations
APPROVED

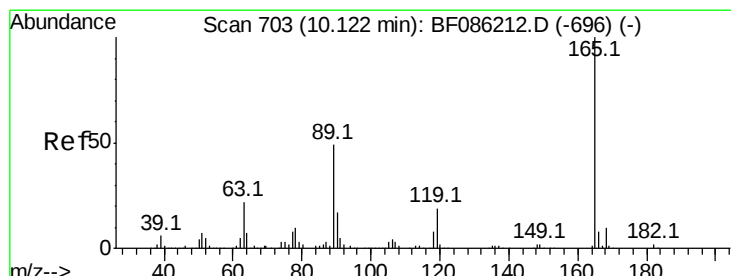
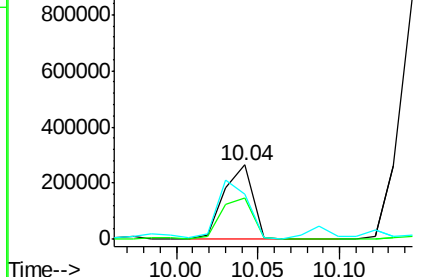
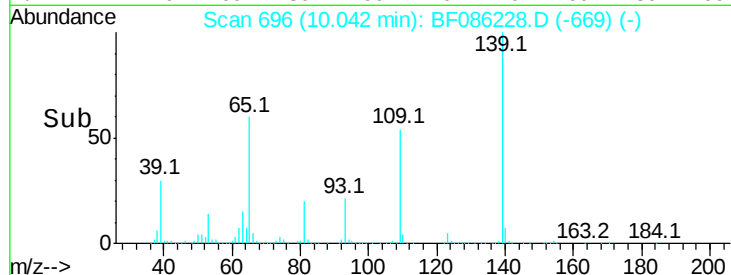
Sohil
4/18/2016 7:30:11 PM



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: 49.97 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:165 Resp: 527543

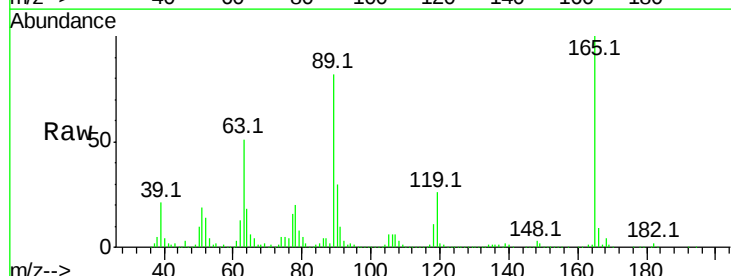
Ion Ratio Lower Upper

165 100

63 51.4 26.6 40.0#

89 82.5 49.5 74.3#

182 1.9 1.9 2.9

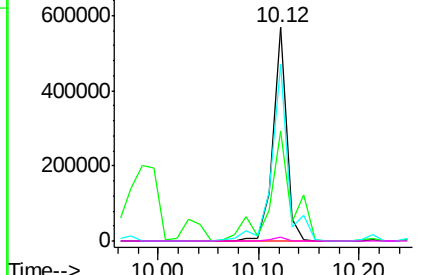
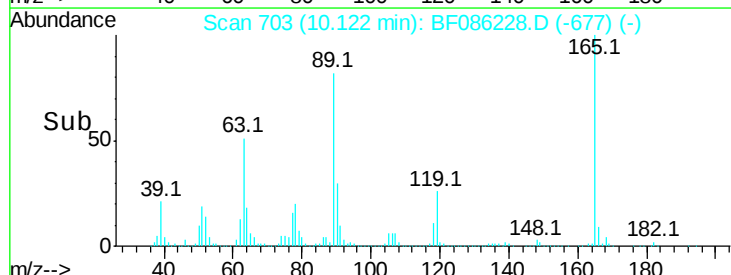


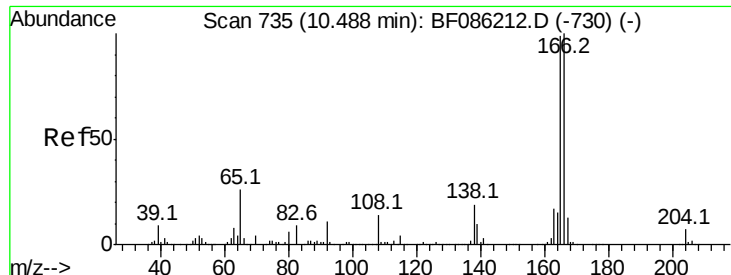
Abundance Ion 165.00 (164.70 to 165.70): E

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: 53.81 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:166 Resp: 1371845

Ion Ratio Lower Upper

166 100

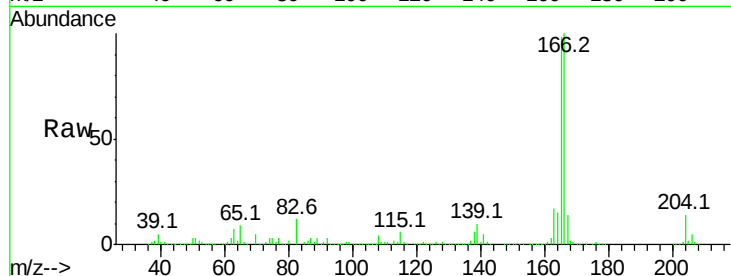
165 98.4 78.6 117.8

167 13.6 10.4 15.6

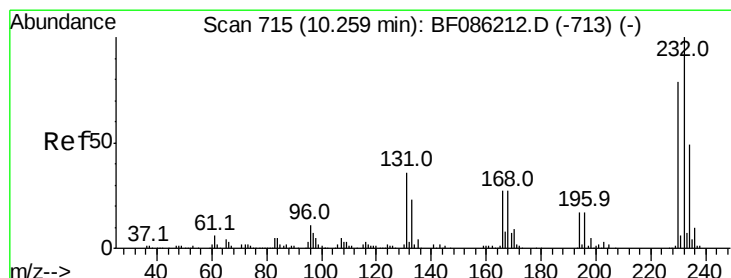
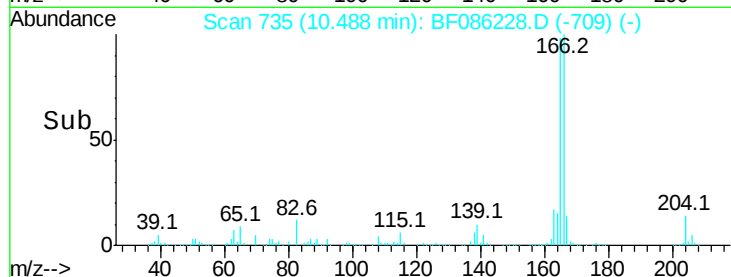
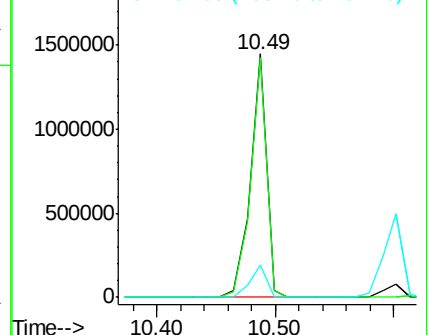
Manual Integrations
APPROVED

Sohil

4/18/2016 7:30:11 PM



Abundance Ion 166.00 (165.70 to 166.70): E
2000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.23 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:232 Resp: 377107

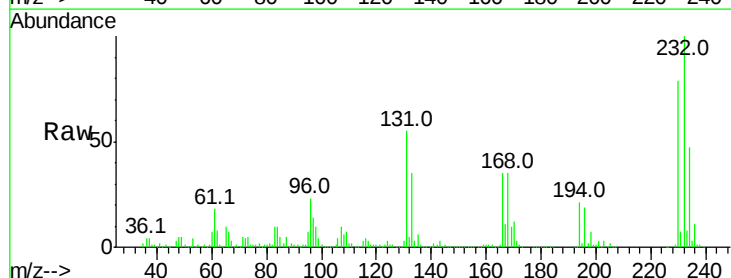
Ion Ratio Lower Upper

232 100

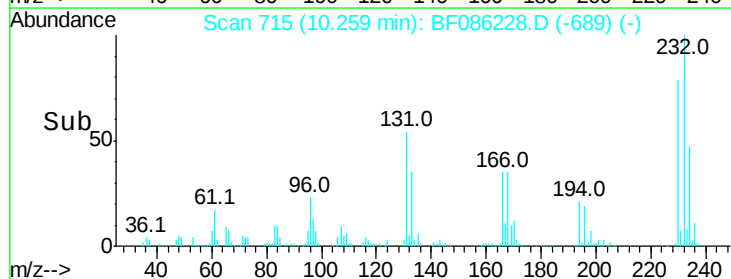
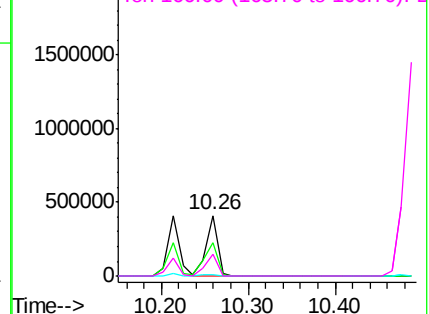
131 60.6 46.6 70.0

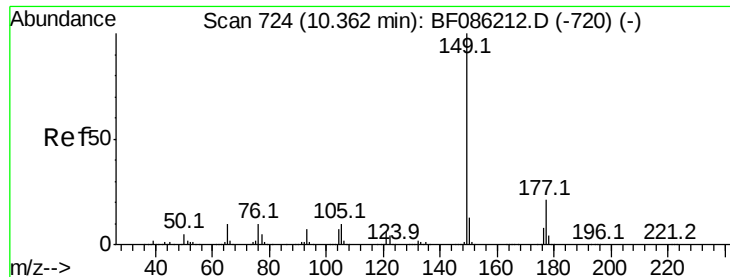
130 3.3 2.5 3.7

166 37.3 28.3 42.5



Abundance Ion 232.00 (231.70 to 232.70): E
2000000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





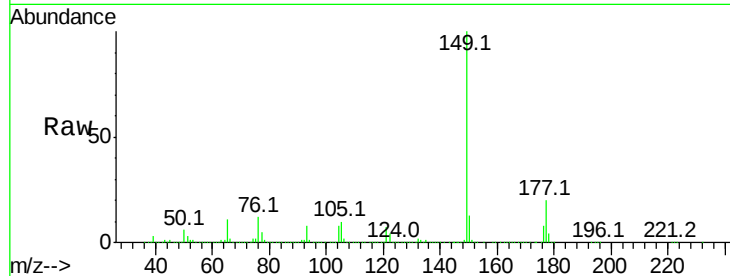
#59
Diethylphthalate
Concen: 47.06 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

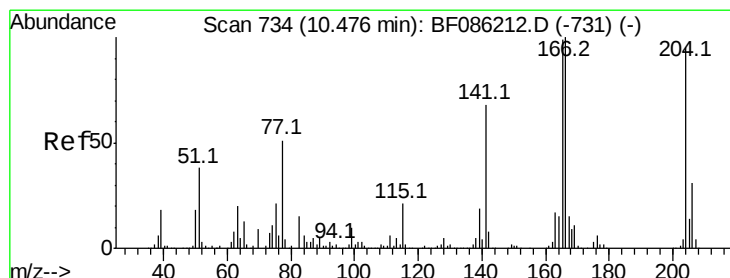
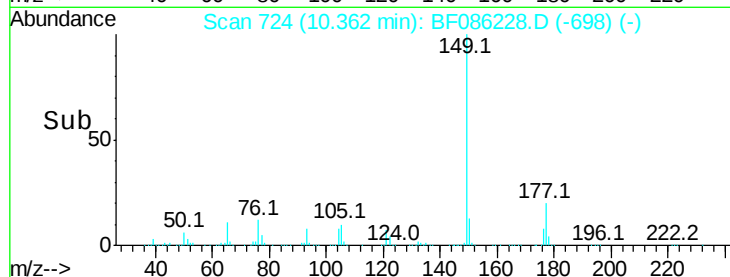
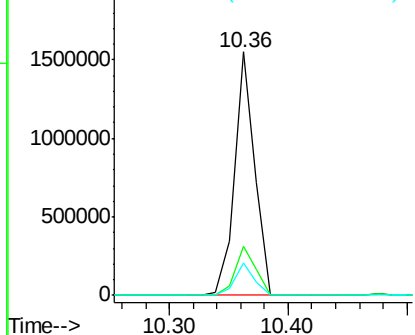
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.0	17.0	25.6
150	13.1	10.2	15.4

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



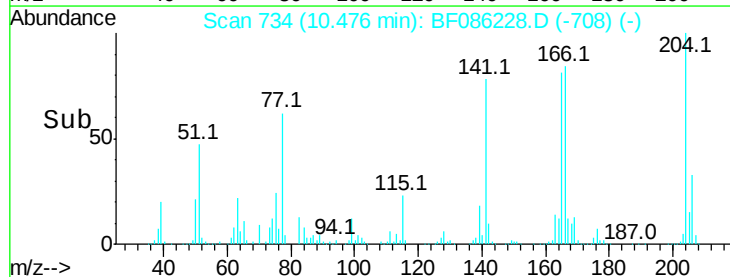
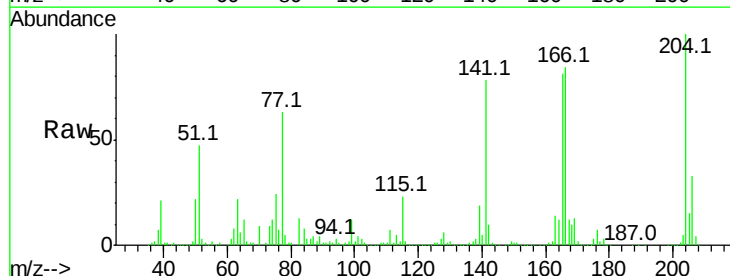
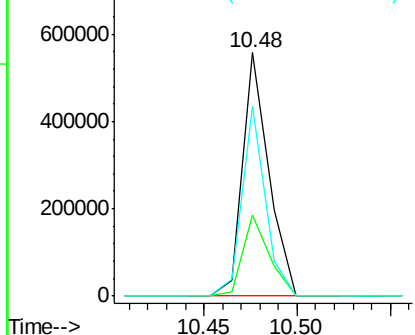
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

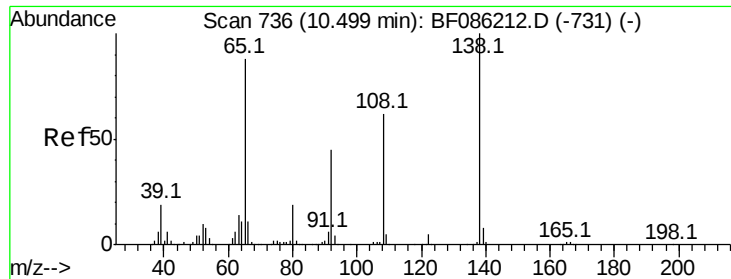


#60
4-Chlorophenyl-phenylether
Concen: 52.35 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	78.1	55.4	83.0

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





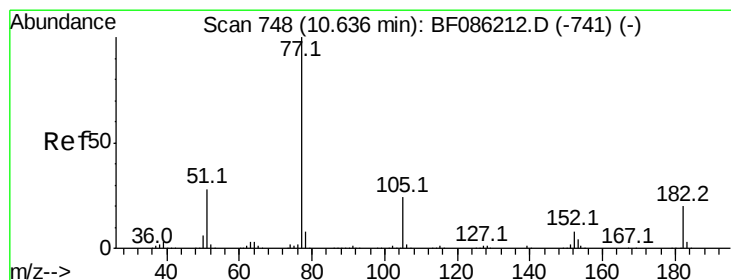
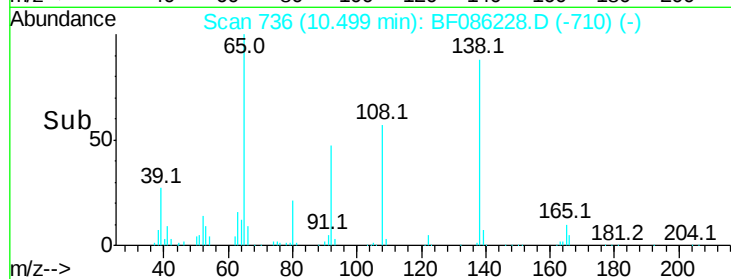
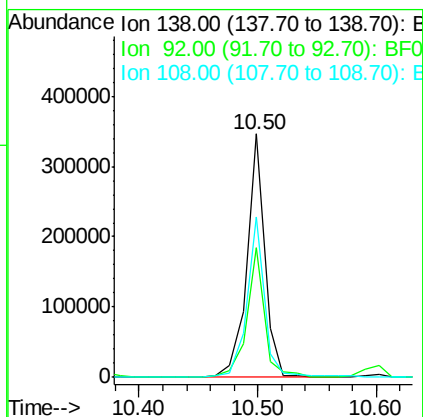
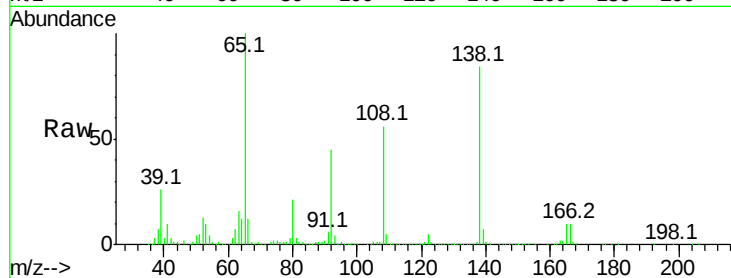
#61
4-Nitroaniline
Concen: 42.30 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.4	31.9	71.9
108	66.1	58.7	98.7

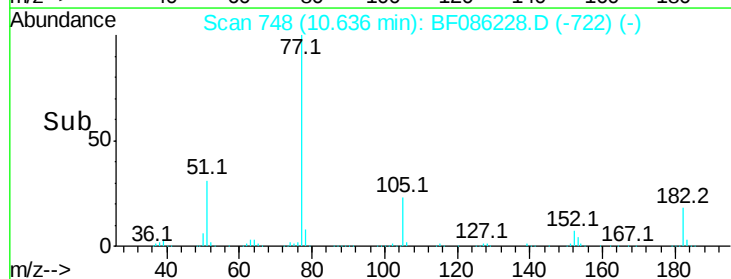
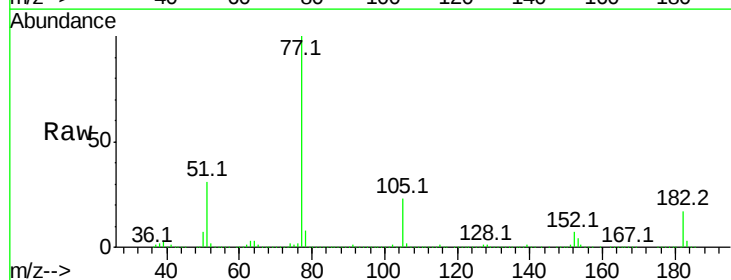
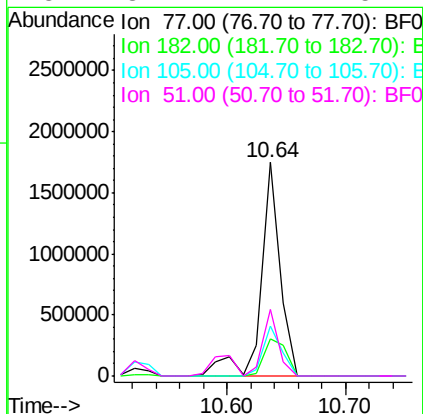
Manual Integrations
APPROVED

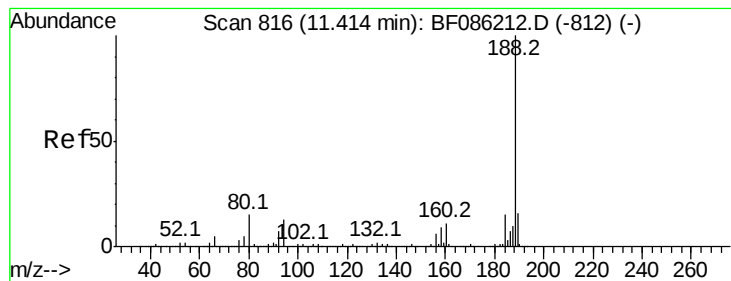
Sohil
4/18/2016 7:30:11 PM



#62
Azobenzene
Concen: 52.47 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.5	2.3	42.3
105	23.4	3.4	43.4
51	31.2	11.7	51.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:188 Resp: 883701

Ion Ratio Lower Upper

188 100

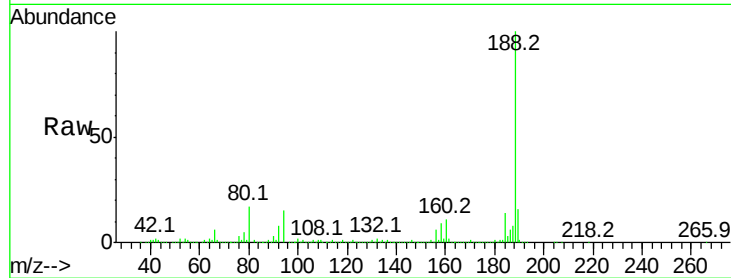
94 15.2 9.8 14.8#

80 17.1 10.5 15.7#

Manual Integrations
APPROVED

Sohil

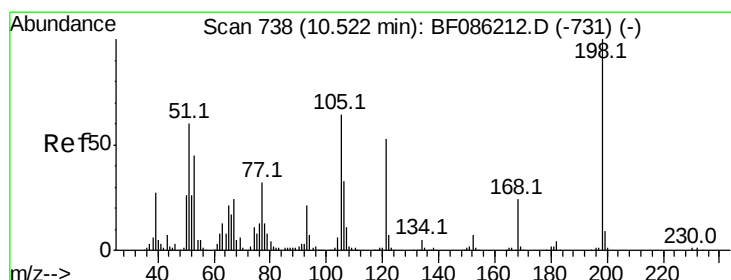
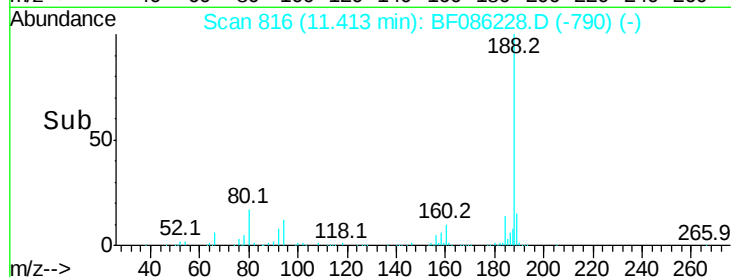
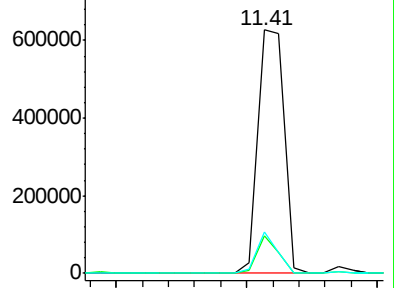
4/18/2016 7:30:11 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 67.98 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

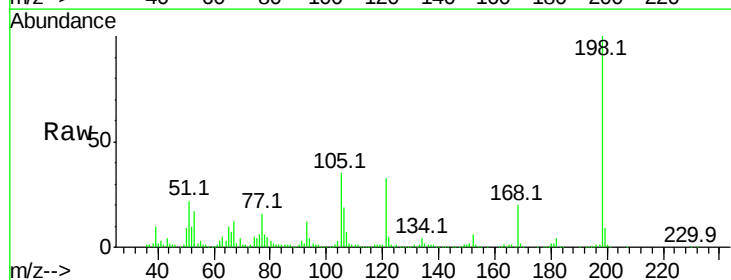
Tgt Ion:198 Resp: 285906

Ion Ratio Lower Upper

198 100

51 21.8 56.5 96.5#

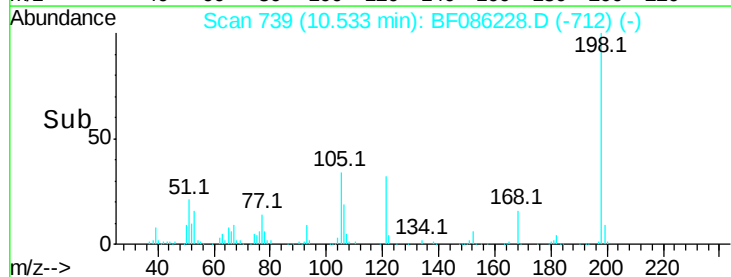
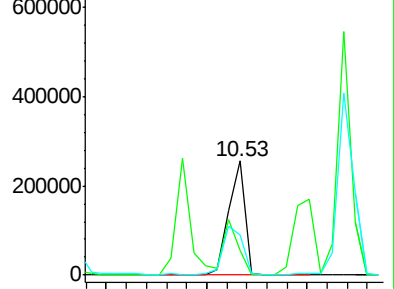
105 35.1 48.0 88.0#

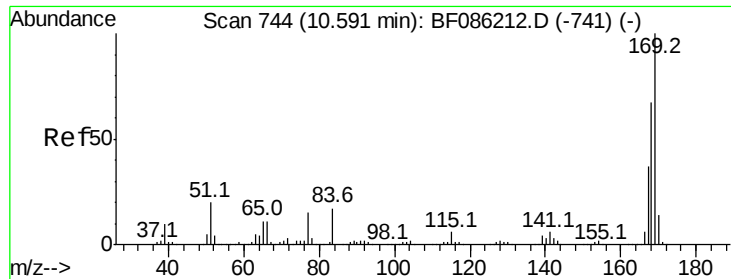


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





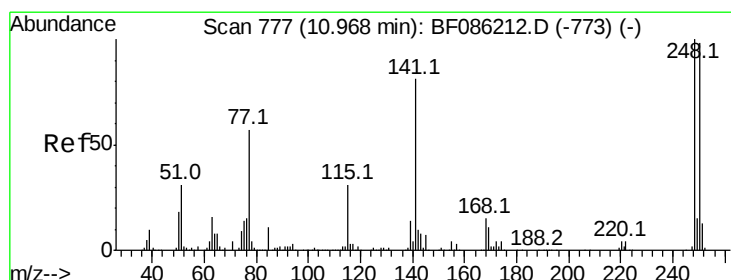
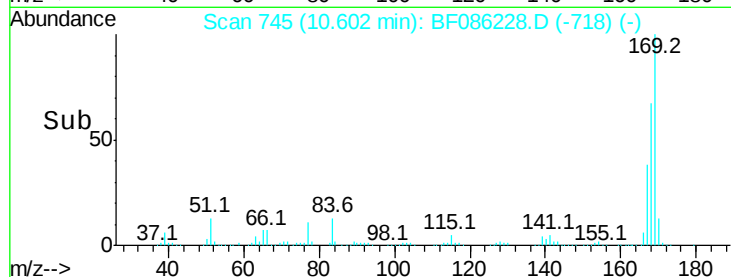
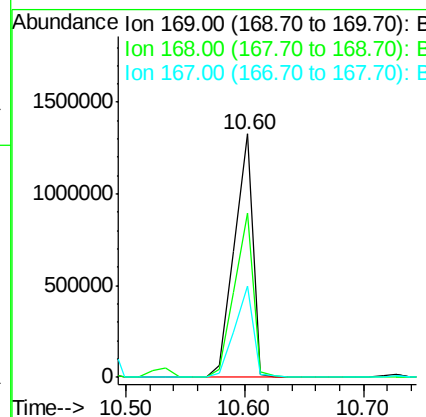
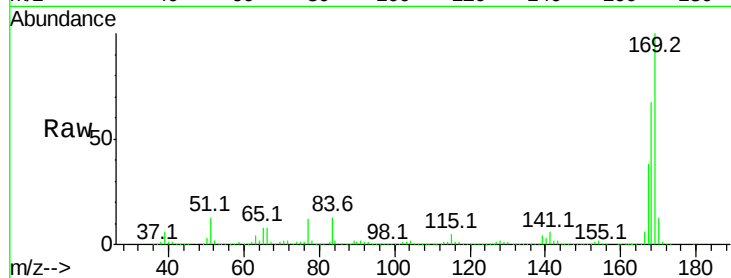
#65
n-Nitrosodiphenylamine
Concen: 53.30 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.3	81.5
167	37.6	30.2	45.2

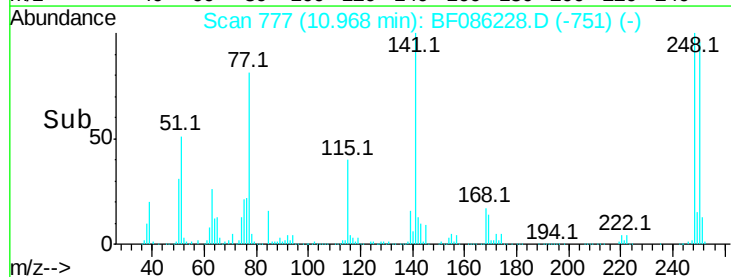
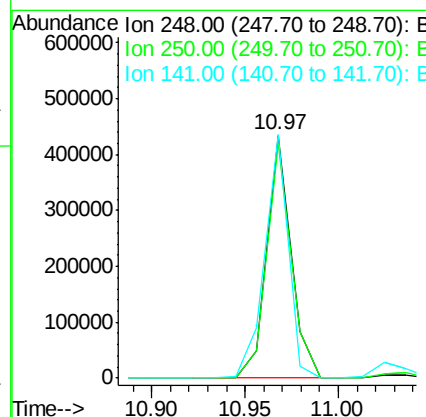
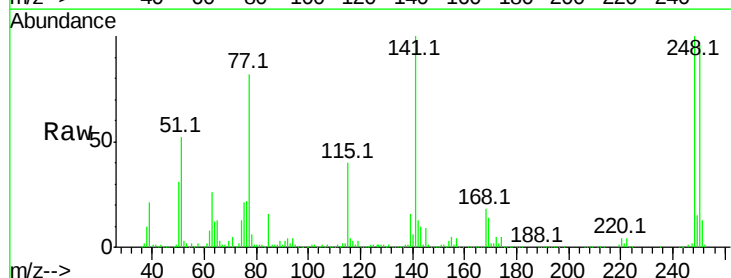
Manual Integrations
APPROVED

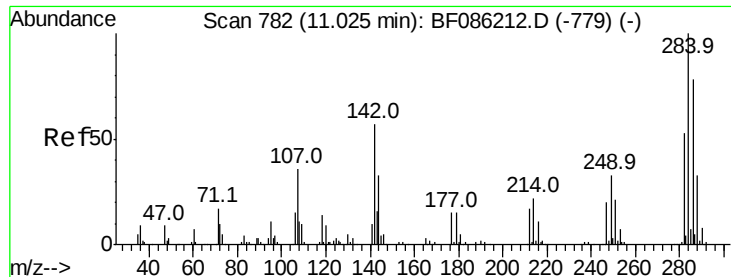
Sohil
4/18/2016 7:30:11 PM



#66
4-Bromophenyl-phenylether
Concen: 47.20 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	118.0
141	100.5	57.9	86.9#





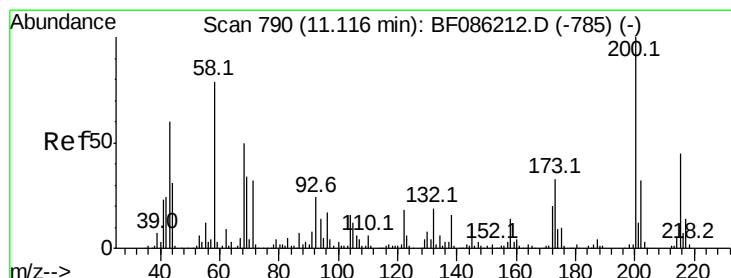
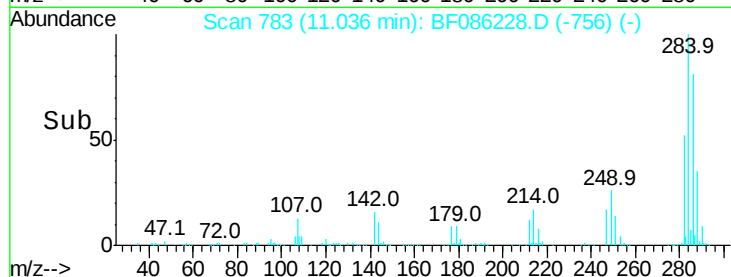
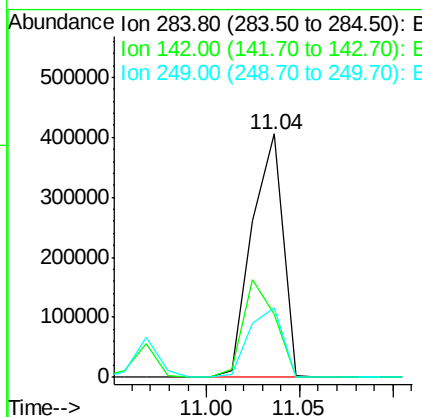
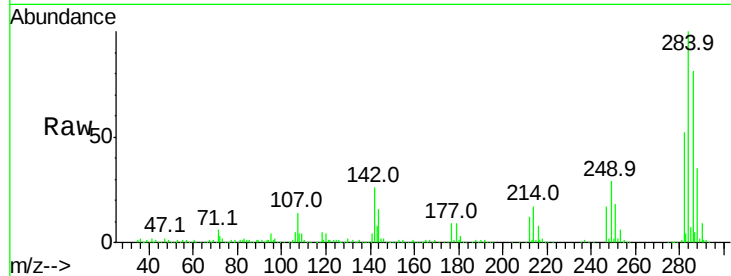
#67
Hexachlorobenzene
Concen: 54.18 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	467639		
142	26.0	42.6	64.0#	
249	28.6	25.9	38.9	

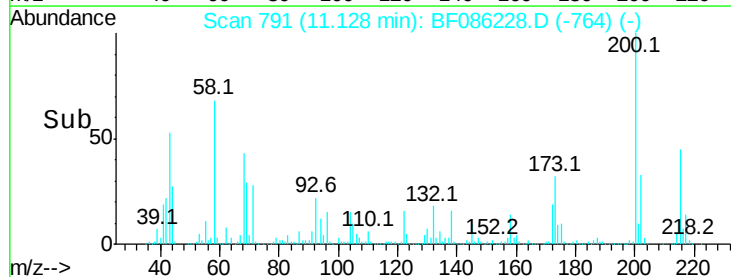
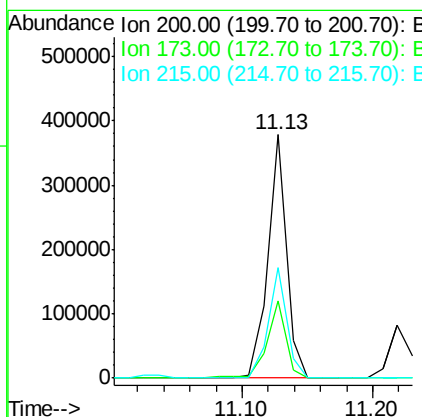
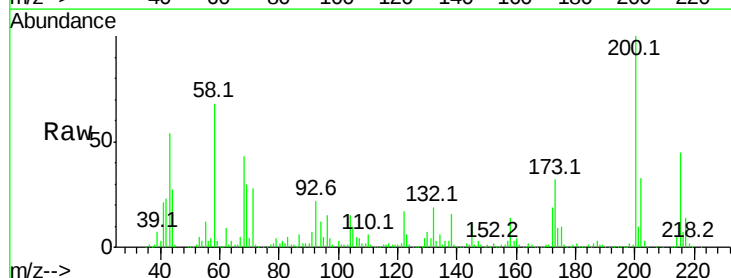
Manual Integrations
APPROVED

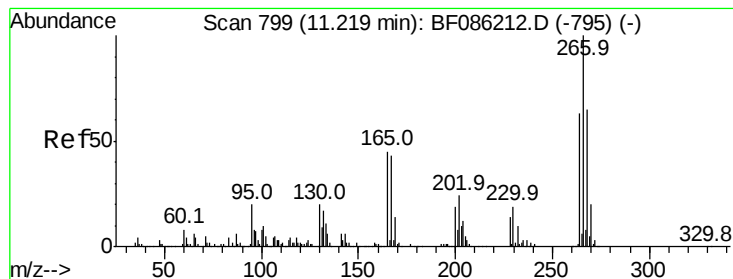
Sohil
4/18/2016 7:30:11 PM



#68
Atrazine
Concen: 45.88 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	380501		
173	31.6	11.2	51.2	
215	45.4	24.0	64.0	





#69

Pentachlorophenol

Concen: 91.38 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

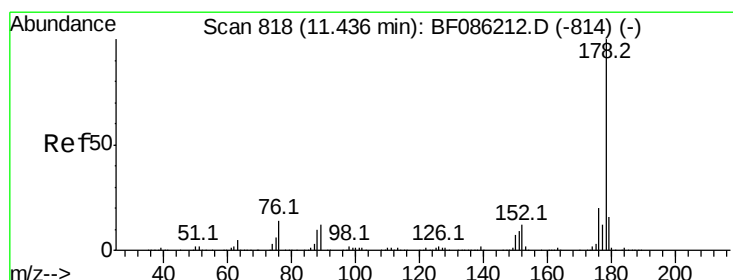
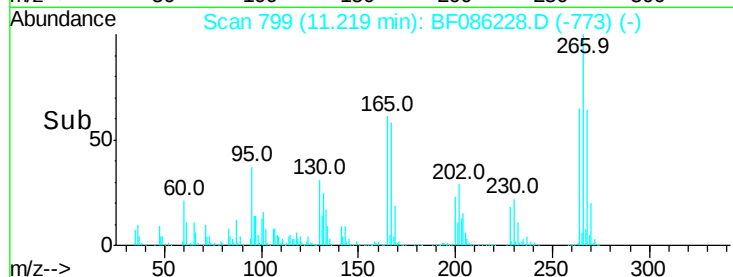
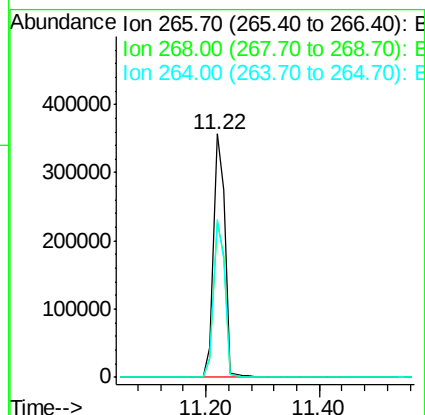
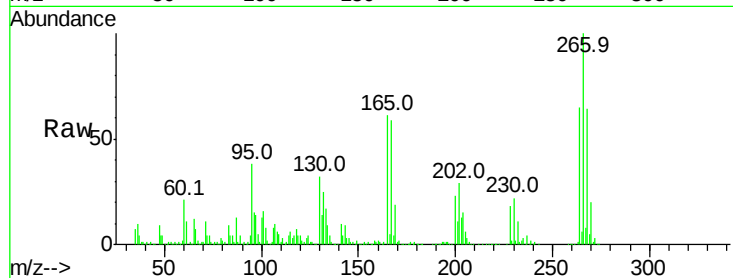
ClientSampleId :

H2402-04MSMS

Tot Ion:	266	Resp:	478231
Ion Ratio	Lower	Upper	
266	100		
268	63.9	53.0	79.4
264	64.7	51.3	76.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



#70

Phenanthrene

Concen: 51.36 ng

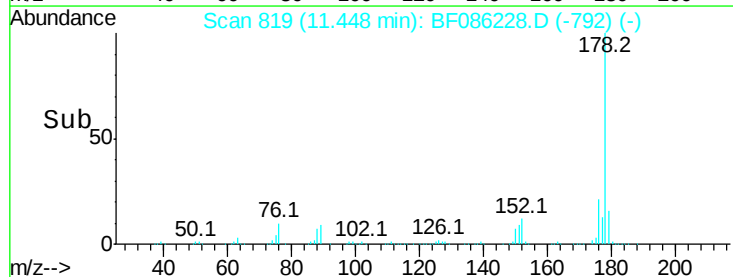
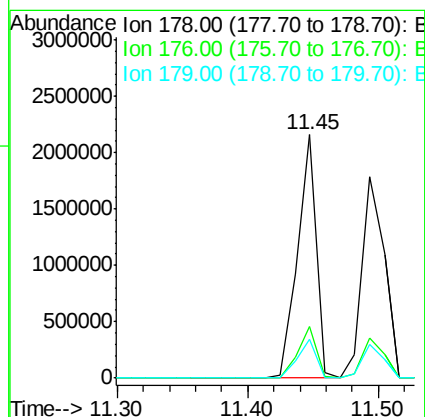
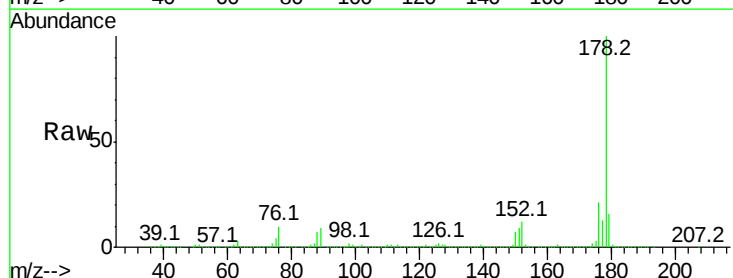
RT: 11.45 min Scan# 819

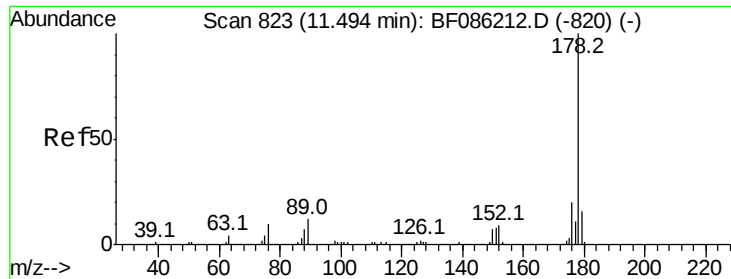
Delta R.T. 0.01 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Tgt Ion:	178	Resp:	2167684
Ion Ratio	Lower	Upper	
178	100		
176	21.0	16.3	24.5
179	16.2	13.0	19.6





#71
 Anthracene
 Concen: 68.27 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

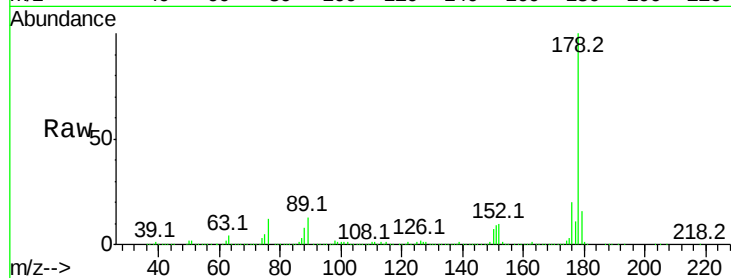
Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

Tot Ion:178 Resp: 2125957

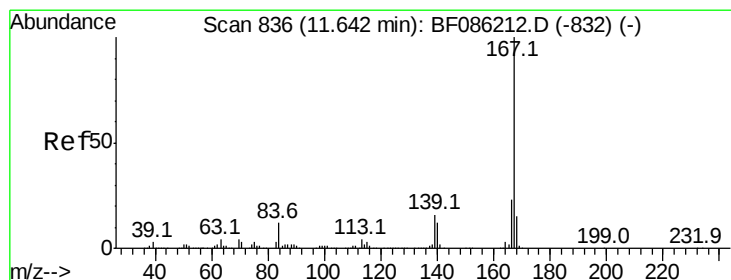
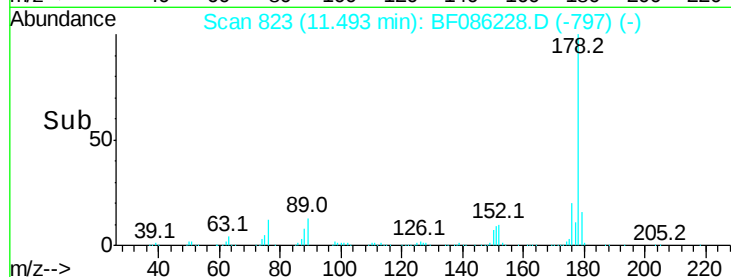
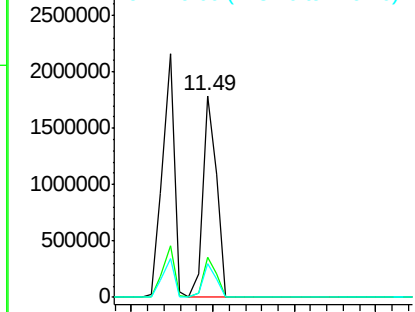
Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.5	13.2	19.8

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:30:11 PM



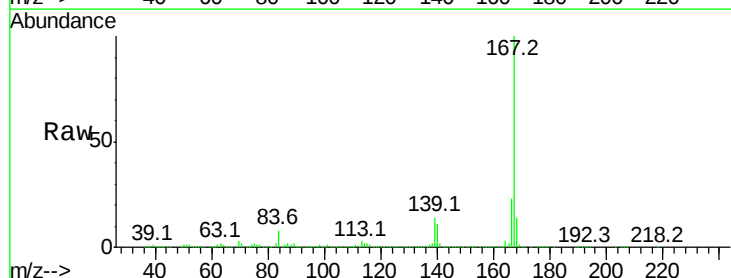
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



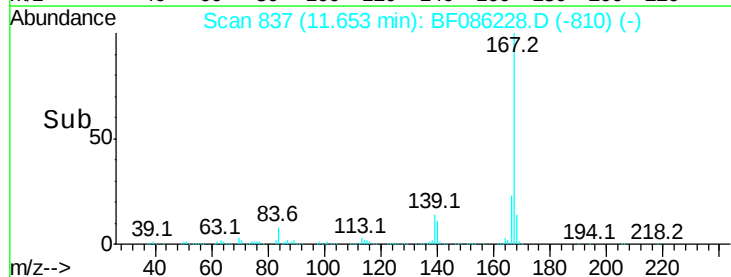
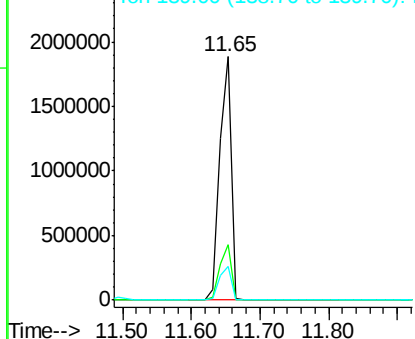
#72
 Carbazole
 Concen: 55.62 ng
 RT: 11.65 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

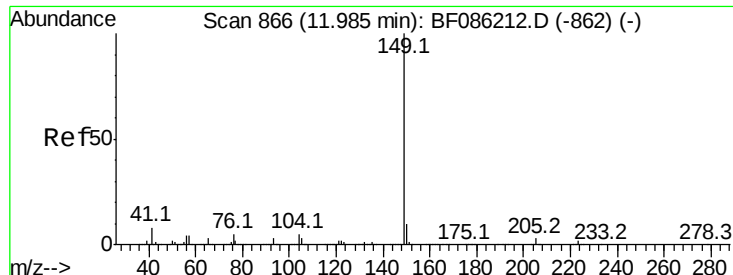
Tgt Ion:167 Resp: 2232609

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	13.7	12.3	18.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.80 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:149 Resp: 2431701

Ion Ratio Lower Upper

149 100

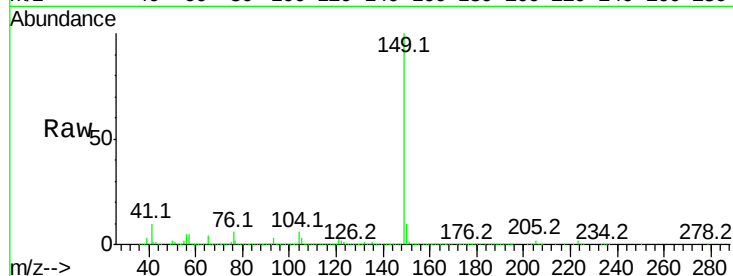
150 10.2 7.8 11.8

104 5.6 4.1 6.1

Manual Integrations
APPROVED

Sohil

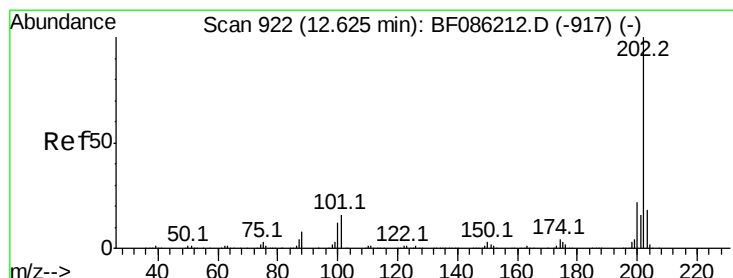
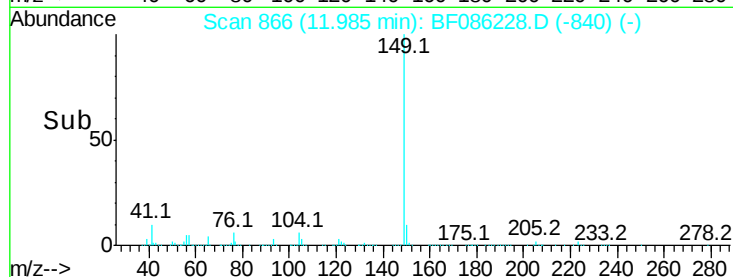
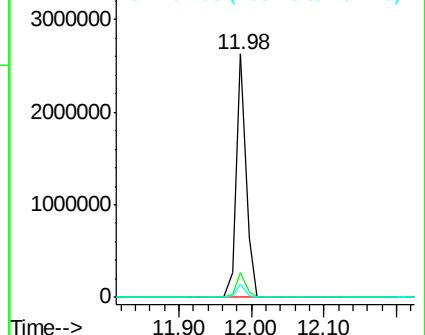
4/18/2016 7:30:11 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 58.12 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

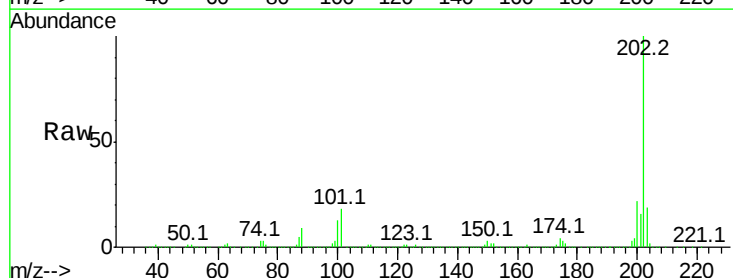
Tgt Ion:202 Resp: 2051866

Ion Ratio Lower Upper

202 100

101 17.8 0.0 35.2

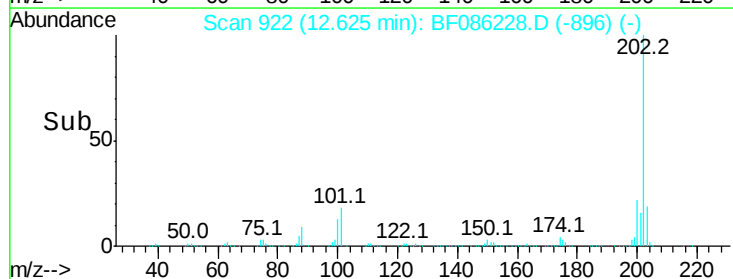
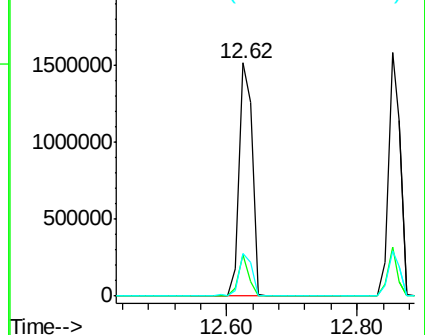
203 18.6 0.0 38.2

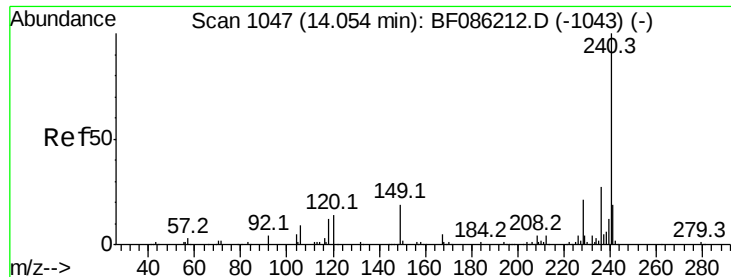


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

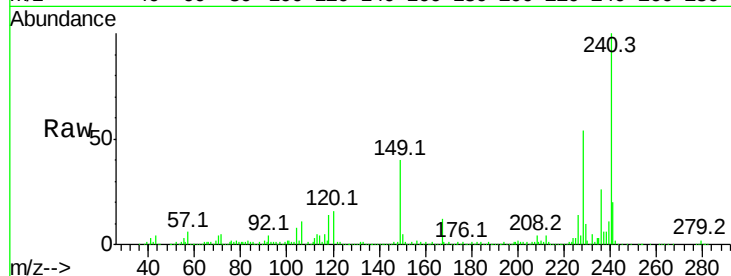
ClientSampleId :

H2402-04MSMS

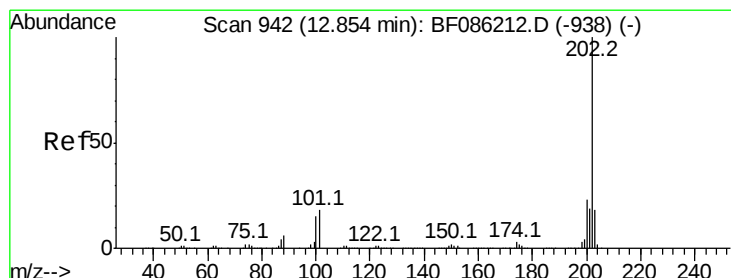
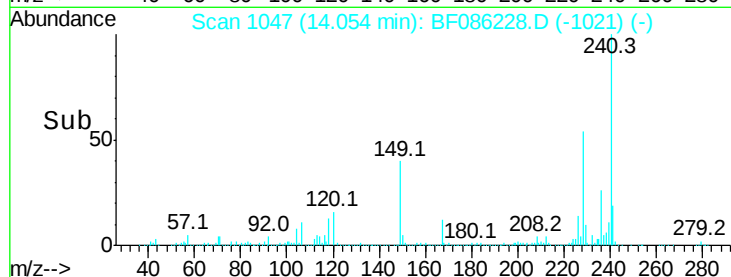
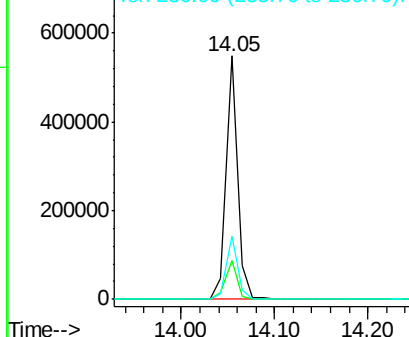
Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.3	13.9#
236	26.0	21.1	31.7

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 56.31 ng

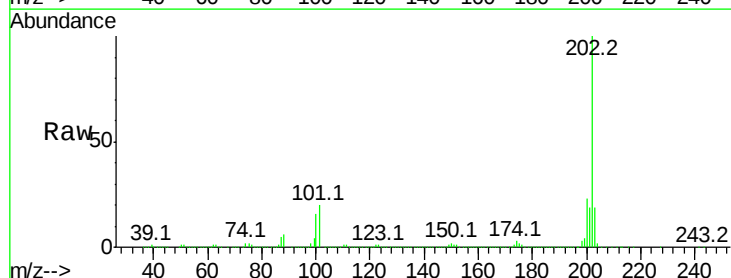
RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

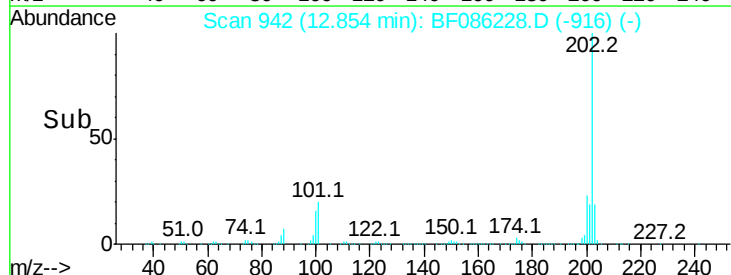
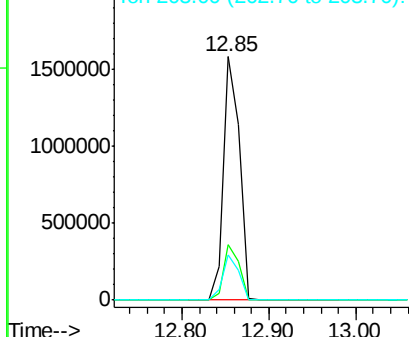
Lab File: BF086228.D

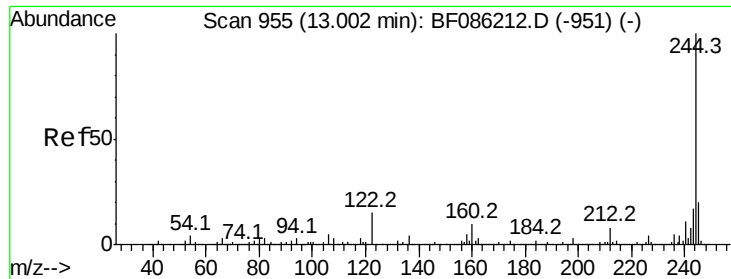
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.3	27.5
203	18.6	14.9	22.3



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





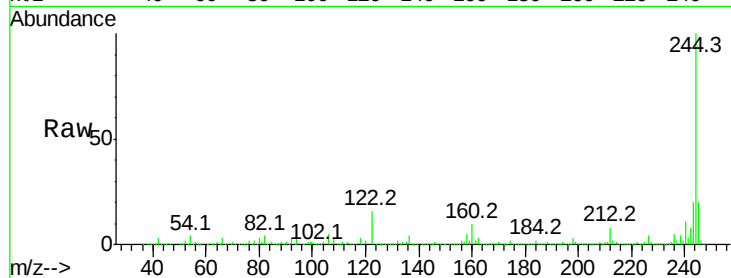
#78
 Terphenyl-d14
 Concen: 95.16 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 H2402-04MSMS

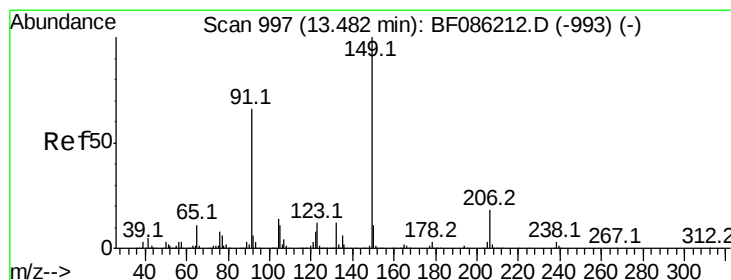
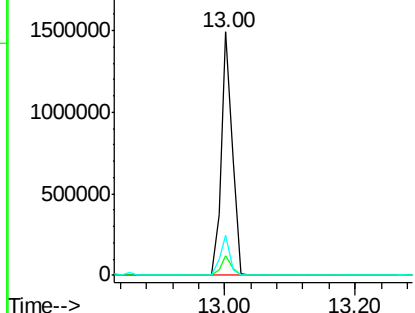
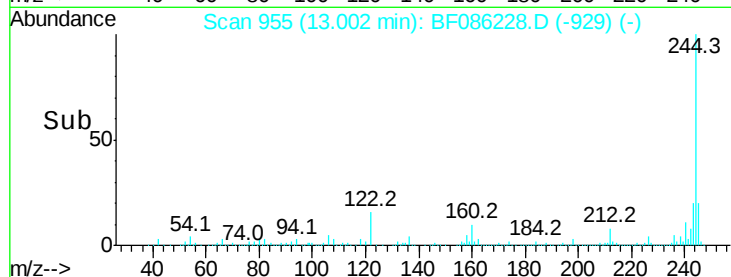
Tot Ion:244 Resp: 1786659
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 16.3 11.7 17.5

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:30:11 PM

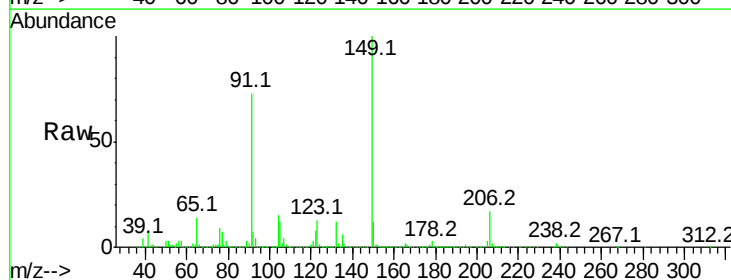


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

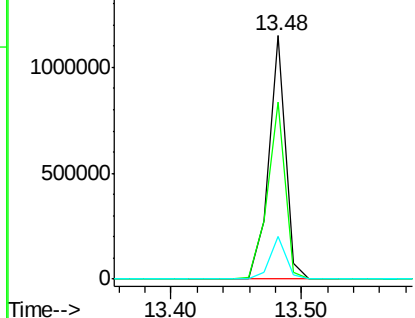
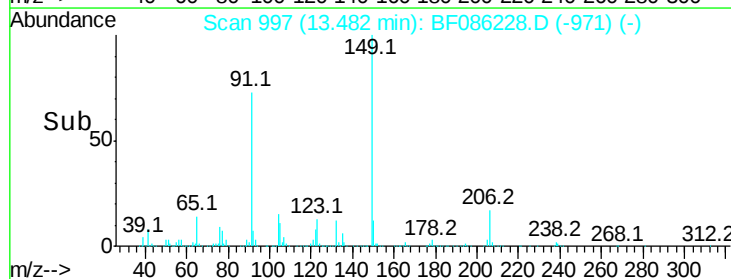


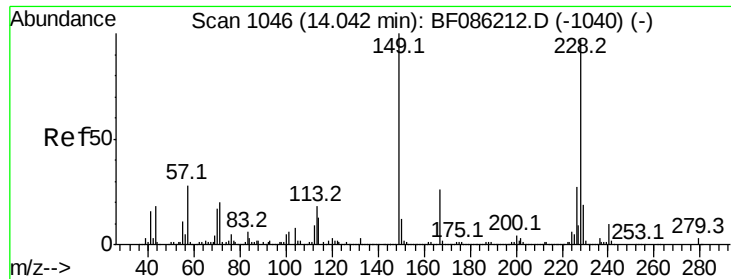
#79
 Butylbenzylphthalate
 Concen: 61.52 ng
 RT: 13.48 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF086228.D
 Acq: 15 Apr 2016 20:44

Tgt Ion:149 Resp: 1029433
 Ion Ratio Lower Upper
 149 100
 91 72.9 48.7 73.1
 206 17.4 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 50.32 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:228 Resp: 1304252

Ion Ratio Lower Upper

228 100

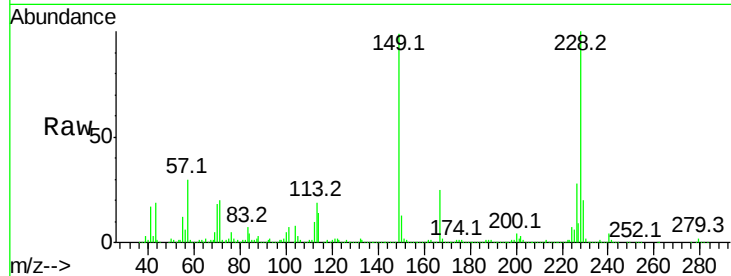
226 28.4 22.5 33.7

229 20.4 16.2 24.2

Manual Integrations
APPROVED

Sohil

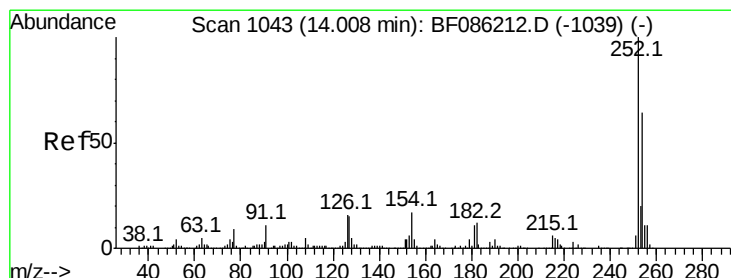
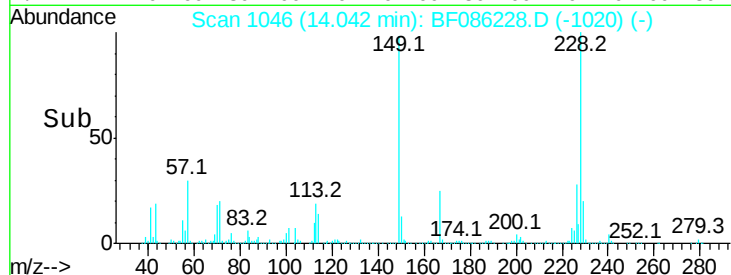
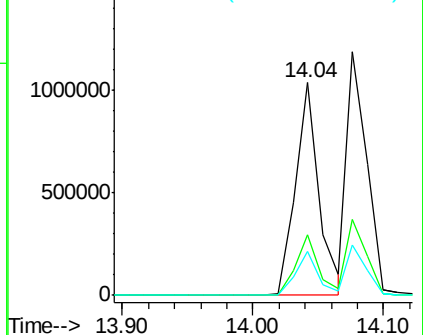
4/18/2016 7:30:11 PM



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: 13.09 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

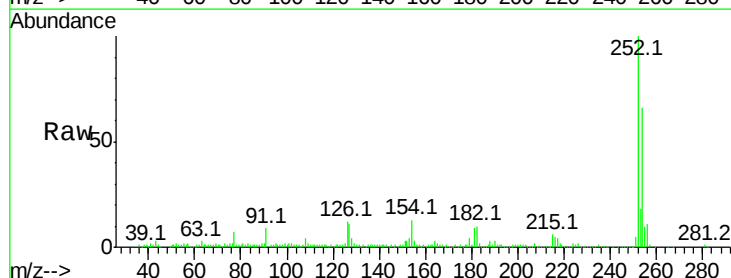
Tgt Ion:252 Resp: 196607

Ion Ratio Lower Upper

252 100

254 66.0 52.1 78.1

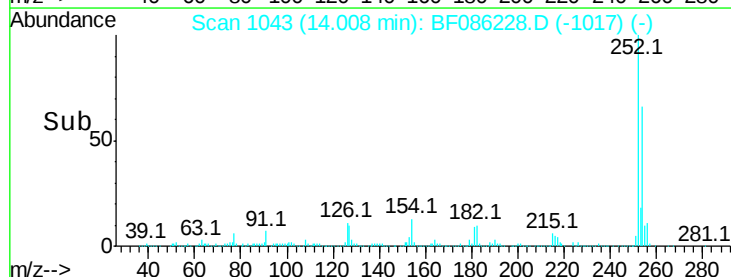
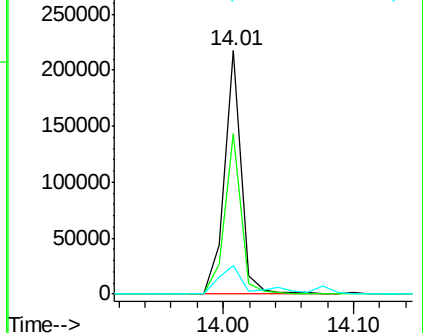
126 11.5 13.2 19.8#

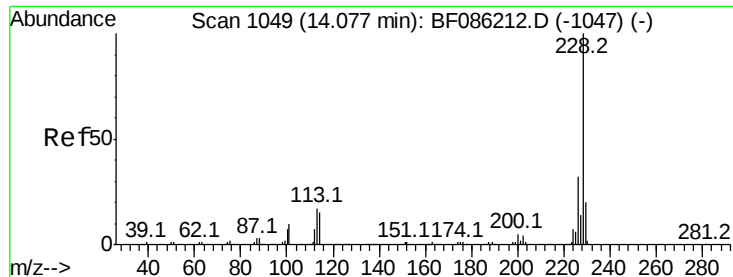


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 47.09 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

Instrument :

BNA_F

ClientSampleId :

H2402-04MSMS

Tot Ion:228 Resp: 1301494

Ion Ratio Lower Upper

228 100

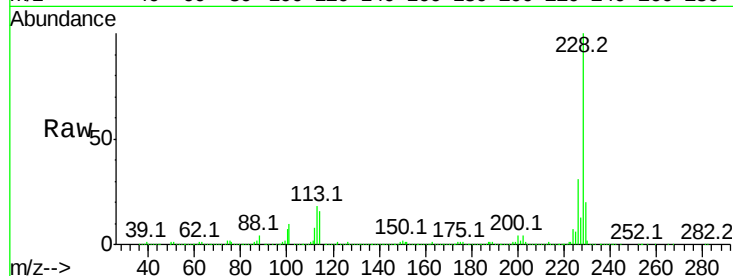
226 31.3 25.4 38.2

229 20.5 16.5 24.7

Manual Integrations
APPROVED

Sohil

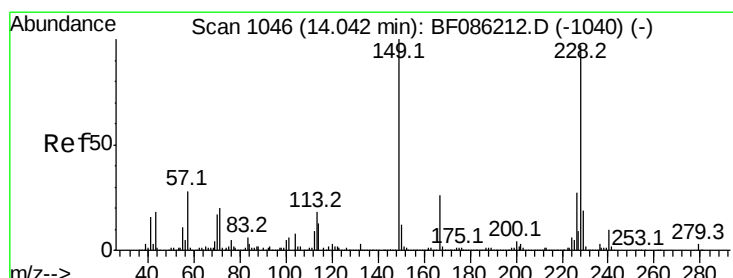
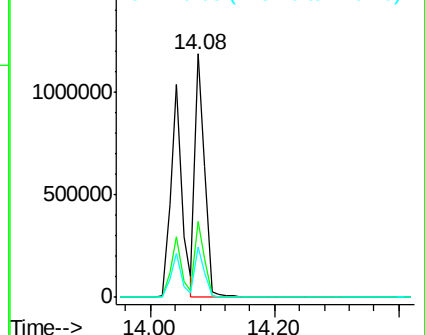
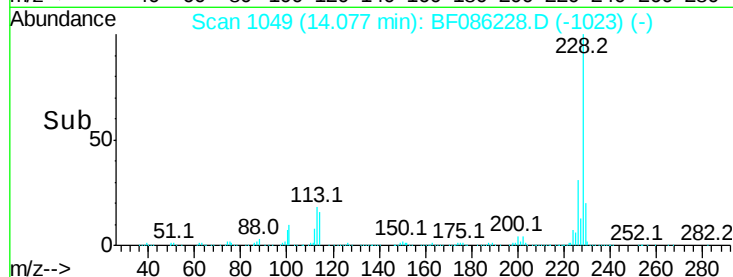
4/18/2016 7:30:11 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.57 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086228.D

Acq: 15 Apr 2016 20:44

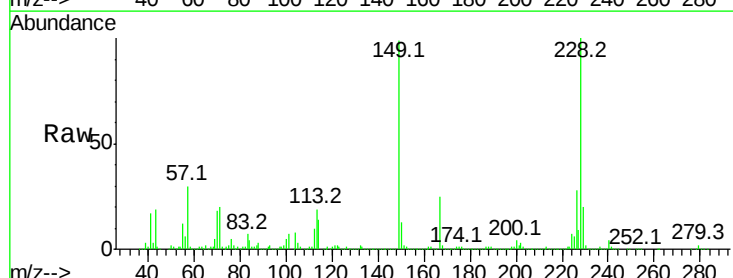
Tgt Ion:149 Resp: 967933

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.4

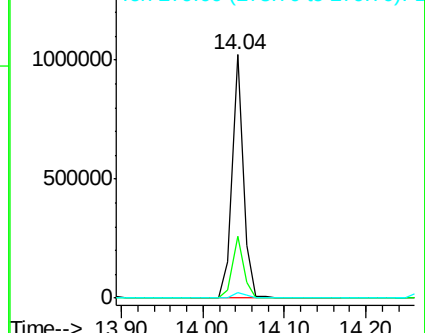
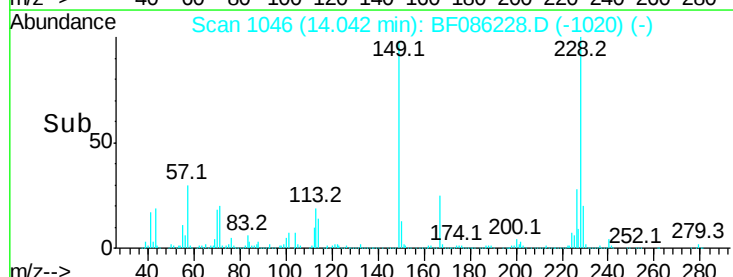
279 2.4 2.4 3.6#

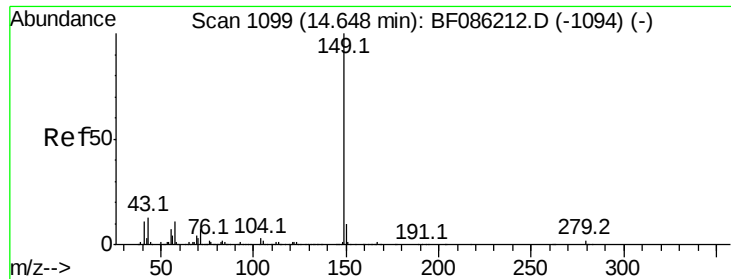


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





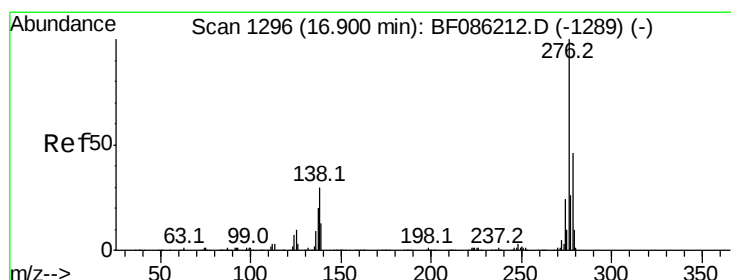
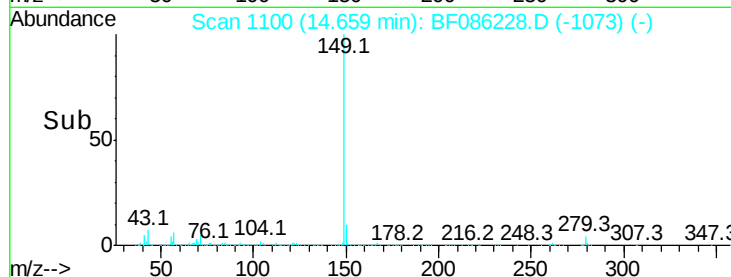
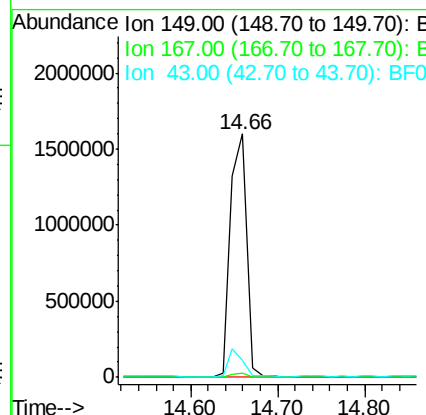
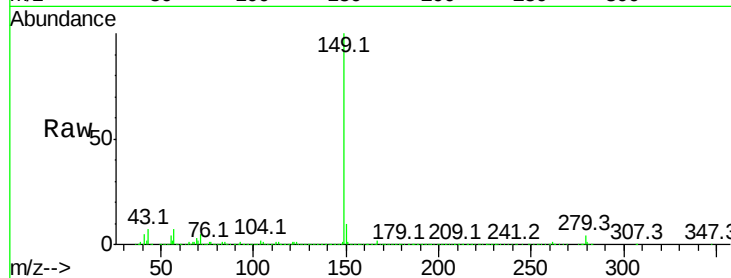
#84
Di-n-octyl phthalate
Concen: 59.91 ng
RT: 14.66 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.0	9.1	13.7

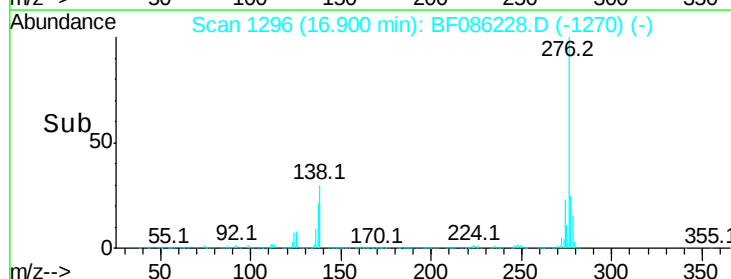
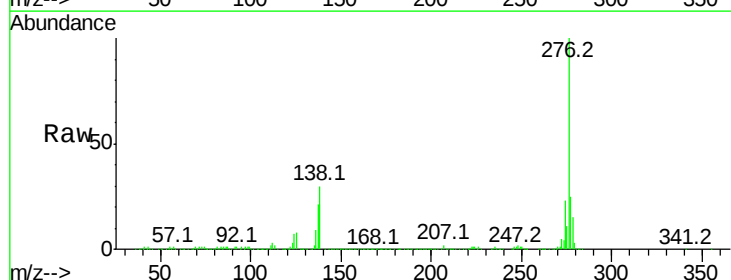
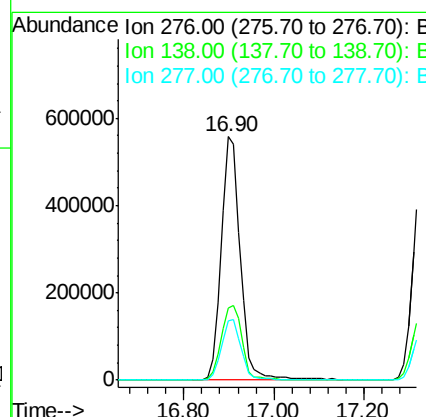
Manual Integrations
APPROVED

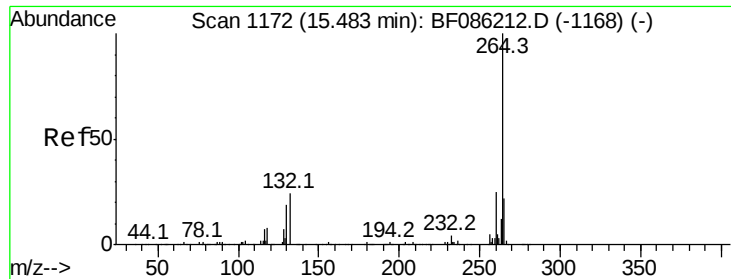
Sohil
4/18/2016 7:30:11 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 72.48 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	23.8	35.6
277	25.7	20.2	30.2





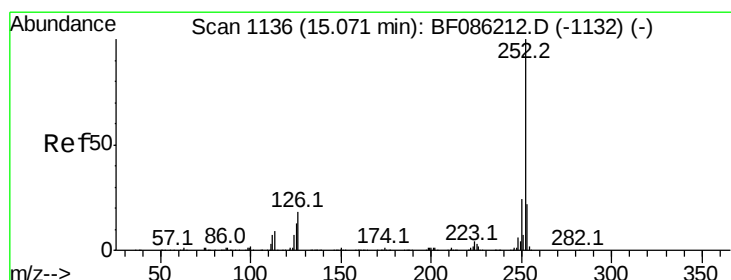
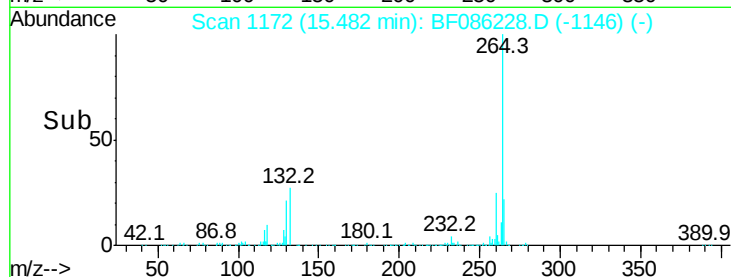
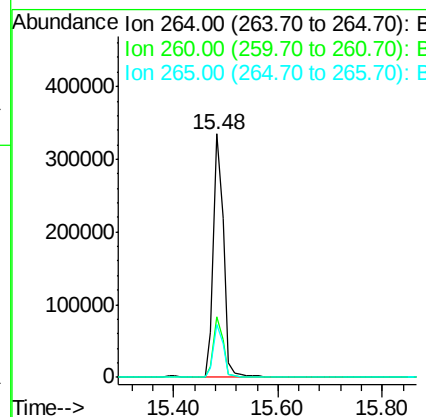
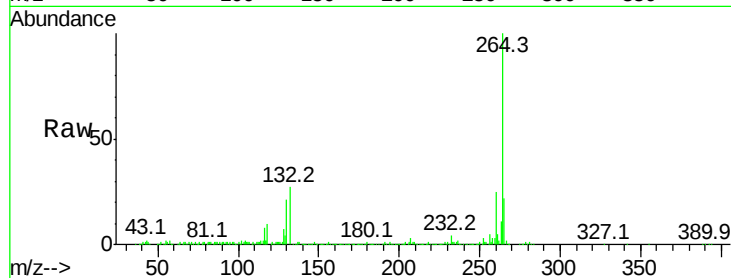
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.9	17.4	26.0

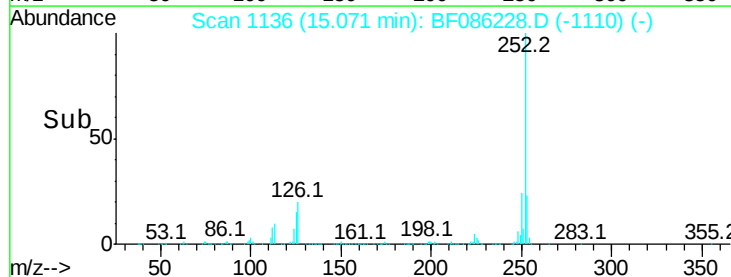
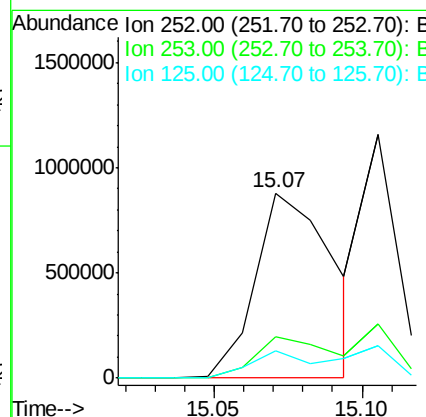
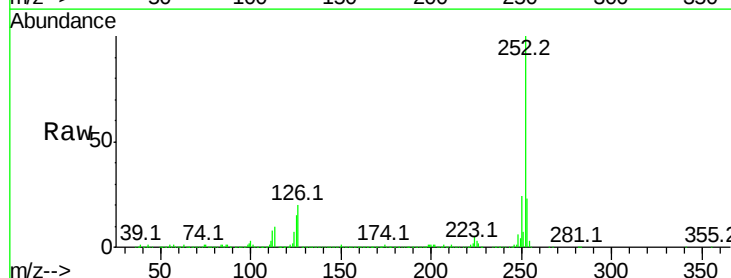
Manual Integrations
APPROVED

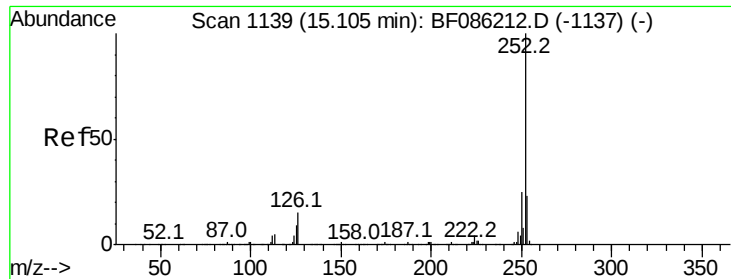
Sohil
4/18/2016 7:30:11 PM



#87
Benzo(b)fluoranthene
Concen: 57.05 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	15.0	10.3	15.5





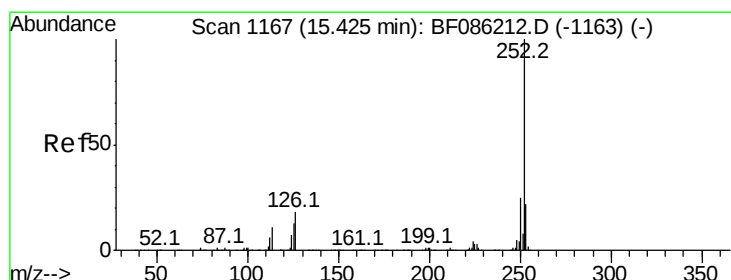
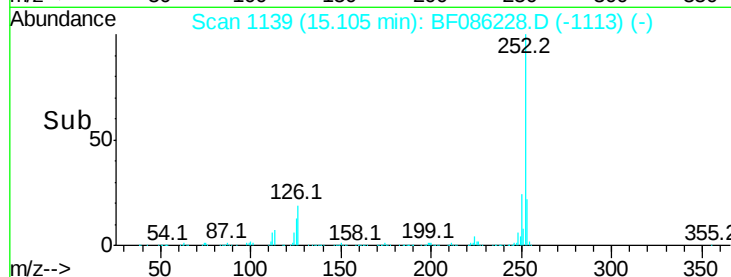
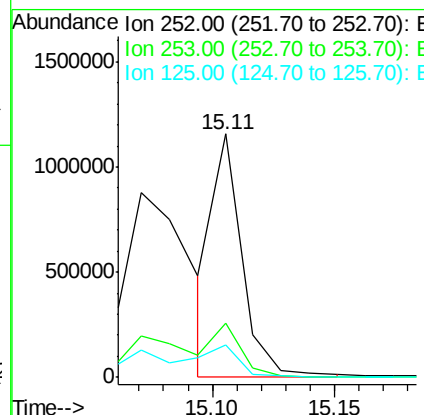
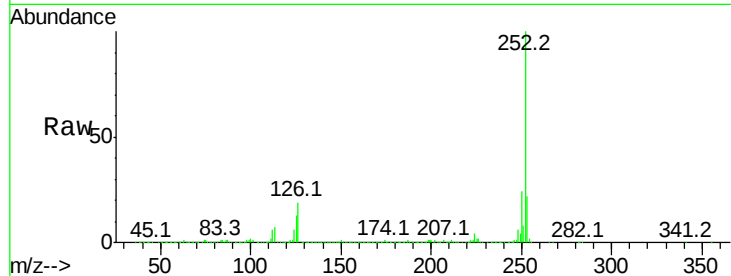
#88
Benzo(k)fluoranthene
Concen: 38.08 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.1	7.8	11.6

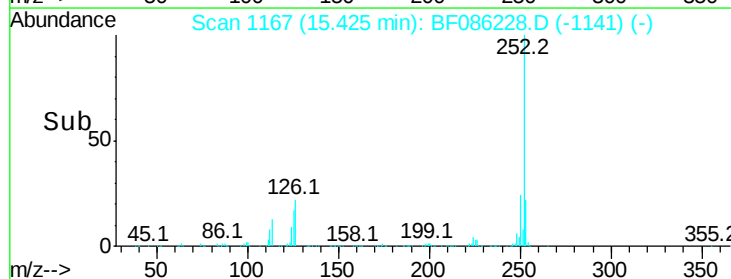
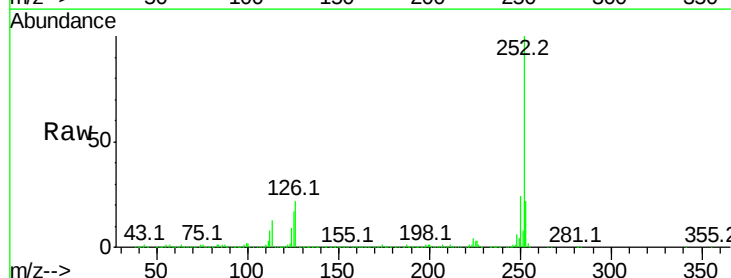
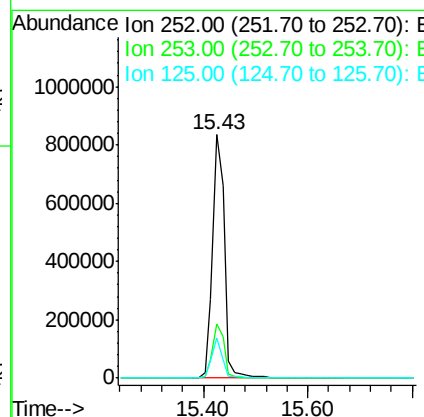
Manual Integrations
APPROVED

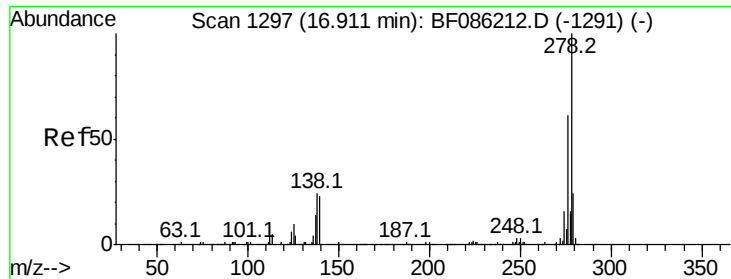
Sohil
4/18/2016 7:30:11 PM



#89
Benzo(a)pyrene
Concen: 53.83 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	16.6	11.2	16.8





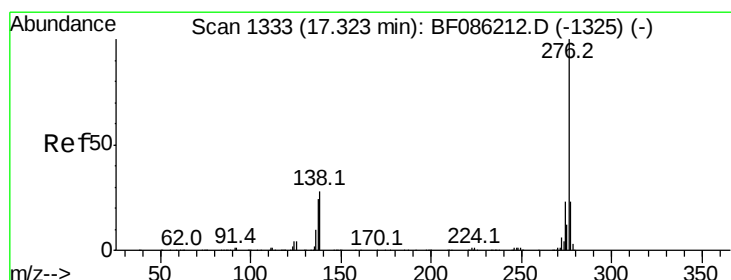
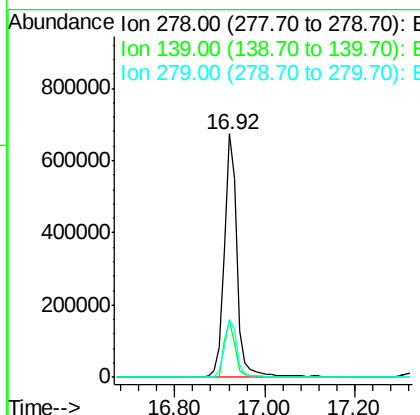
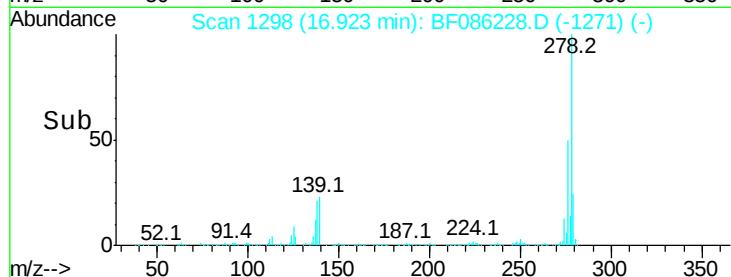
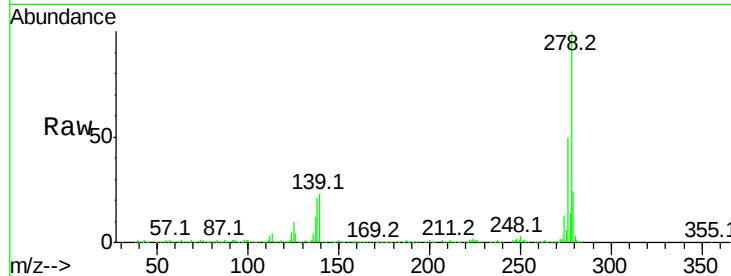
#90
Dibenzo(a,h)anthracene
Concen: 62.72 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Instrument :
BNA_F
ClientSampleId :
H2402-04MSMS

Tot Ion:278 Resp: 1345588
Ion Ratio Lower Upper
278 100
139 23.2 15.3 22.9#
279 24.1 19.1 28.7

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:11 PM



#91
Benzo(g,h,i)perylene
Concen: 64.61 ng
RT: 17.33 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF086228.D
Acq: 15 Apr 2016 20:44

Tgt Ion:276 Resp: 1474026
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.6
138 29.8 19.6 29.4#

