

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086217.D
 Acq On : 15 Apr 2016 15:20
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:29:19 PM

Quant Time: Apr 15 18:04:59 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	270463	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1101650	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	511464	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	887798	20.00	ng	0.00
75) Chrysene-d12	14.05	240	544709	20.00	ng	0.00
86) Perylene-d12	15.48	264	445212	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1206149	73.07	ng	0.00
7) Phenol-d6	6.52	99	1619836	78.45	ng	0.00
23) Nitrobenzene-d5	7.46	82	1420248	74.36	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	310968	75.72	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2074278	74.84	ng	0.00
78) Terphenyl-d14	13.00	244	1589484	73.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	347898	38.22	ng	97
3) Pyridine	3.24	79	909790	38.32	ng	95
4) n-Nitrosodimethylamine	3.18	42	334222	38.97	ng	# 69
6) Aniline	6.56	93	1140392	38.32	ng	99
8) 2-Chlorophenol	6.67	128	701566	37.57	ng	99
9) Benzaldehyde	6.44	77	589286	40.23	ng	98
10) Phenol	6.53	94	997043	40.55	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	683317	36.94	ng	# 83
12) 1,3-Dichlorobenzene	6.83	146	737698	37.23	ng	99
13) 1,4-Dichlorobenzene	6.91	146	717251	38.00	ng	98
14) 1,2-Dichlorobenzene	7.07	146	673687	40.21	ng	98
15) Benzyl Alcohol	7.04	79	610165	41.66	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1130558	39.22	ng	99
17) 2-Methylphenol	7.14	107	602373	38.71	ng	98
18) Hexachloroethane	7.41	117	281334	39.51	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	453776	34.34	ng	# 85
20) 3+4-Methylphenols	7.30	107	636205	36.50	ng	98
22) Acetophenone	7.31	105	875706	41.96	ng	# 94
24) Nitrobenzene	7.48	77	873756	41.84	ng	96
25) Isophorone	7.72	82	1440338	38.00	ng	99
26) 2-Nitrophenol	7.79	139	361095	39.66	ng	94
27) 2,4-Dimethylphenol	7.84	122	716246	38.95	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	793605	35.62	ng	99
29) 2,4-Dichlorophenol	8.03	162	516791	36.97	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	546588	37.36	ng	99
31) Naphthalene	8.20	128	1829097	37.18	ng	99
32) Benzoic acid	7.94	122	497564	42.33	ng	100
33) 4-Chloroaniline	8.25	127	786468	35.77	ng	99
34) Hexachlorobutadiene	8.33	225	290423	39.62	ng	99
35) Caprolactam	8.62	113	208780	41.25	ng	# 82
36) 4-Chloro-3-methylphenol	8.73	107	650411	40.15	ng	99
37) 2-Methylnaphthalene	8.90	142	1249522	39.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	442059	40.02	ng	99
40) Hexachlorocyclopentadiene	9.05	237	219786	36.45	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086217.D
 Acq On : 15 Apr 2016 15:20
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:29:19 PM

Quant Time: Apr 15 18:04:59 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	372332	36.95	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	385139	39.57	nq	98
45) 1,1'-Biphenyl	9.36	154	1299036	35.28	nq	100
46) 2-Chloronaphthalene	9.38	162	1115174	37.10	nq	99
47) 2-Nitroaniline	9.47	65	357296	36.69	nq	97
48) Acenaphthylene	9.80	152	1941655	40.59	nq	99
49) Dimethylphthalate	9.66	163	1420090	38.19	nq	99
50) 2,6-Dinitrotoluene	9.72	165	338283	41.11	nq	92
51) Acenaphthene	9.97	154	1148555	40.20	nq	100
52) 3-Nitroaniline	9.88	138	339320	33.93	nq	99
53) 2,4-Dinitrophenol	9.98	184	120950	41.88	nq	86
54) Dibenzofuran	10.14	168	1514235	40.13	nq	97
55) 4-Nitrophenol	10.03	139	300747	38.45	nq	90
56) 2,4-Dinitrotoluene	10.12	165	445302	42.27	nq	# 90
57) Fluorene	10.49	166	1054376	40.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	264043	37.35	nq	98
59) Diethylphthalate	10.36	149	1385041	36.08	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	438099	39.63	nq	96
61) 4-Nitroaniline	10.50	138	361926	41.88	nq	85
62) Azobenzene	10.64	77	1307216	34.81	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	174930	41.40	nq	86
65) n-Nitrosodiphenylamine	10.59	169	992056	36.49	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	310833	37.57	nq	92
67) Hexachlorobenzene	11.02	284	335509	38.70	nq	94
68) Atrazine	11.12	200	323504	38.83	nq	99
69) Pentachlorophenol	11.22	266	217719	41.41	nq	98
70) Phenanthrene	11.45	178	1679379	39.60	nq	99
71) Anthracene	11.49	178	1553344	35.88	nq	99
72) Carbazole	11.64	167	1455121	36.08	nq	100
73) Di-n-butylphthalate	11.98	149	1925003	35.30	nq	99
74) Fluoranthene	12.62	202	1486612	40.12	nq	99
76) Benzidine	12.75	184	952937	45.10	nq	100
77) Pyrene	12.85	202	1547321	37.03	nq	99
79) Butylbenzylphthalate	13.48	149	833799	43.19	nq	90
80) Benzo(a)anthracene	14.04	228	1161484	38.84	nq	100
81) 3,3'-Dichlorobenzidine	14.01	252	662594	38.23	nq	99
82) Chrysene	14.08	228	1094898	34.34	nq	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	822465	39.46	nq	# 98
84) Di-n-octyl phthalate	14.65	149	1565023	38.95	nq	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1050033	40.07	nq	96
87) Benzo(h)fluoranthene	15.07	252	966746m	35.20	nq	
88) Benzo(k)fluoranthene	15.11	252	1057230m	42.21	nq	
89) Benzo(a)pyrene	15.43	252	945768	39.75	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	884986	42.09	nq	99
91) Benzo(g,h,i)perylene	17.32	276	924543	41.35	nq	95

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

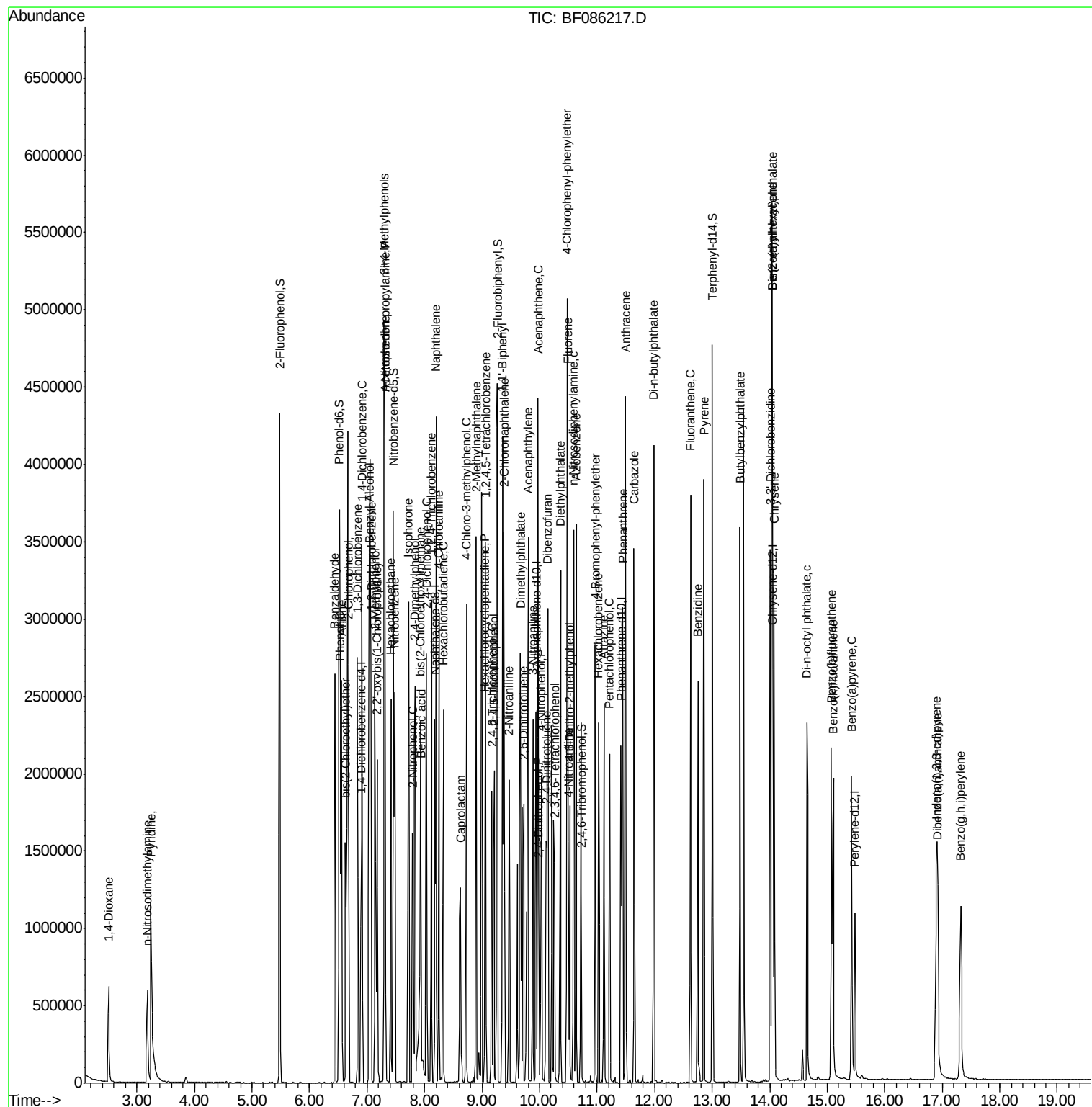
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086217.D
 Acq On : 15 Apr 2016 15:20
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

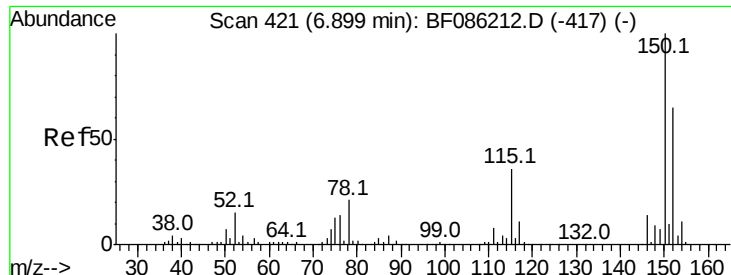
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:29:19 PM

Quant Time: Apr 15 18:04:59 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





#1

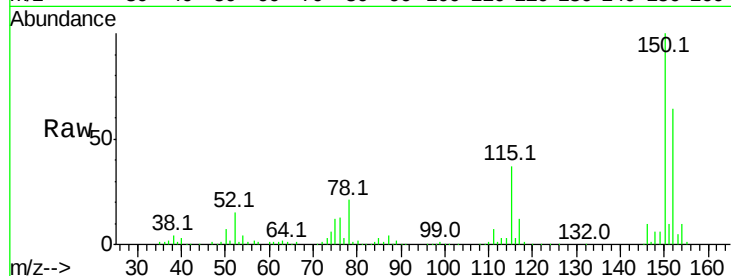
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

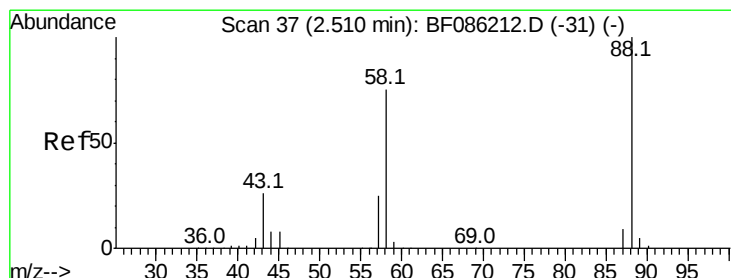
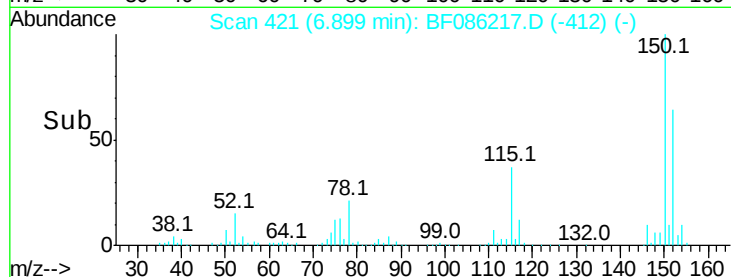
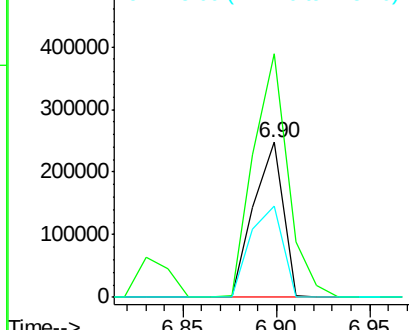
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.1	186.1
115	58.5	43.9	65.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



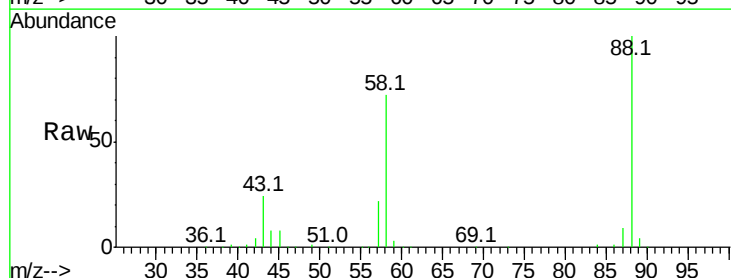
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



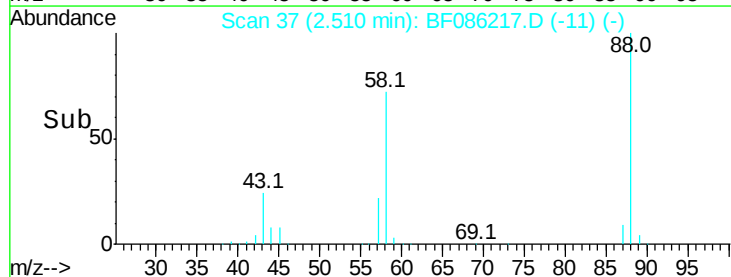
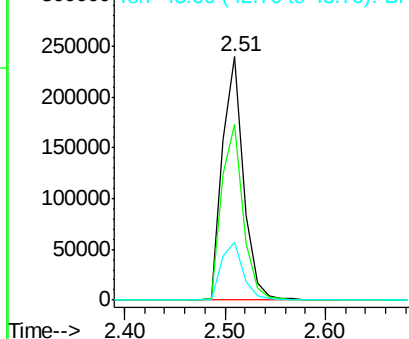
#2

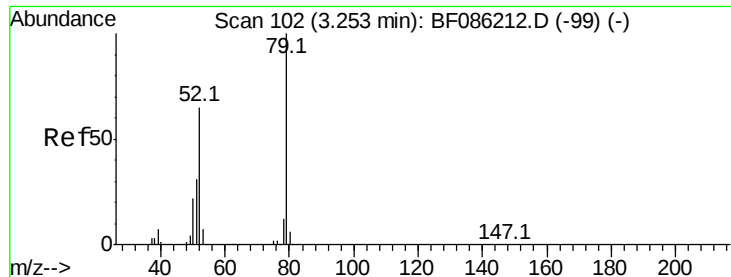
1,4-Dioxane
Concen: 38.22 ng
RT: 2.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	58.4	87.6
43	24.7	23.3	34.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.32 ng

RT: 3.24 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

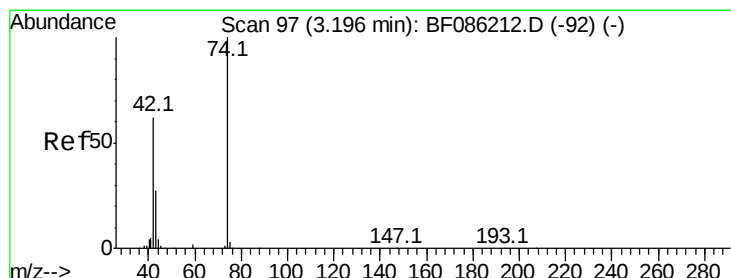
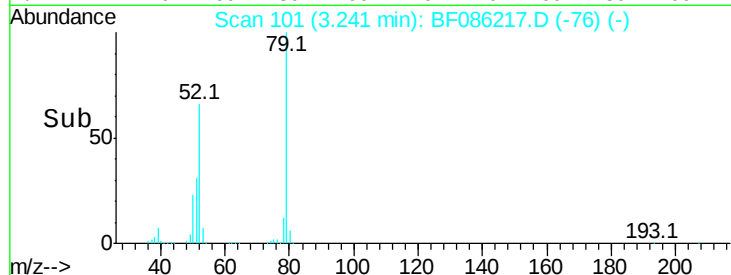
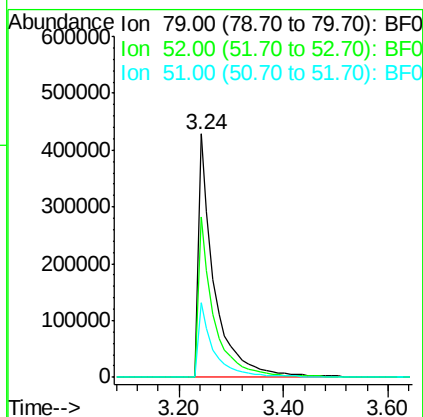
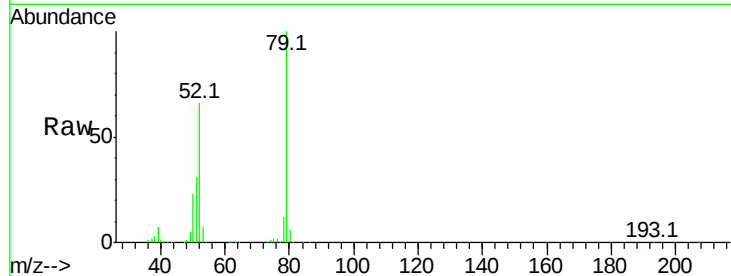
ClientSampleId :

ICVBF041516

Tot Ion:	79	Resp:	909790
Ion Ratio	Lower	Upper	
79	100		
52	66.0	55.4	83.2
51	30.8	28.1	42.1

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



#4

n-Nitrosodimethylamine

Concen: 38.97 ng

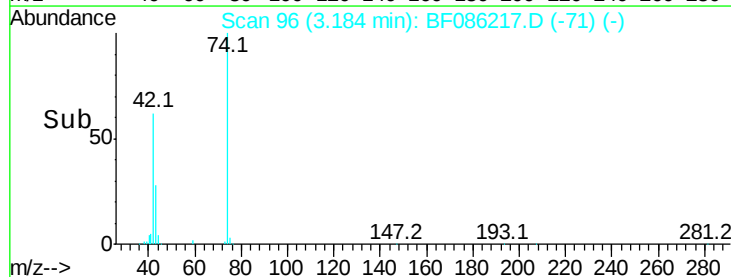
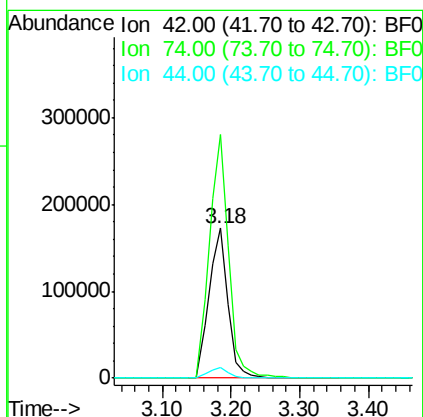
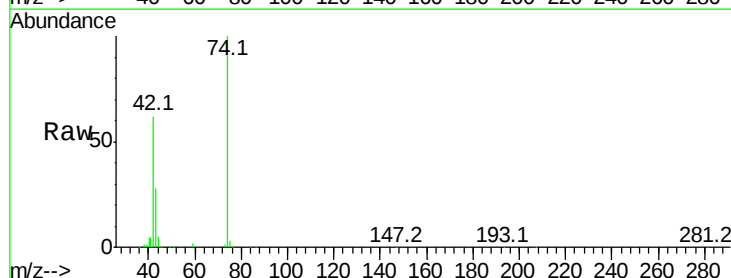
RT: 3.18 min Scan# 96

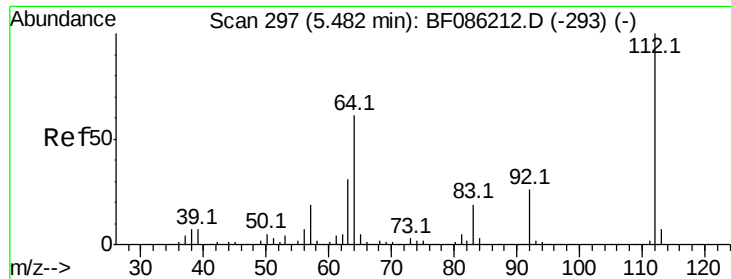
Delta R.T. -0.01 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:	42	Resp:	334222
Ion Ratio	Lower	Upper	
42	100		
74	162.3	100.5	150.7#
44	7.3	5.4	8.0





#5

2-Fluorophenol

Concen: 73.07 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tot Ion:112 Resp: 1206149

Ion Ratio Lower Upper

112 100

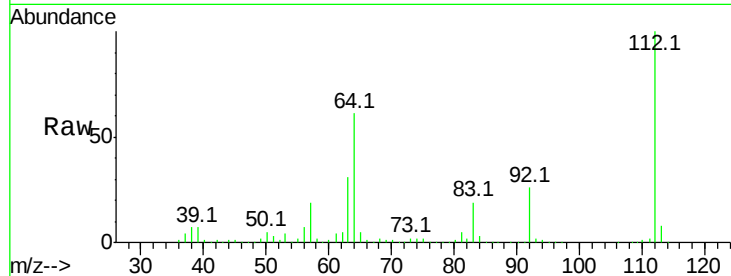
64 60.8 48.1 72.1

63 31.3 25.5 38.3

Manual Integrations
APPROVED

Sohil

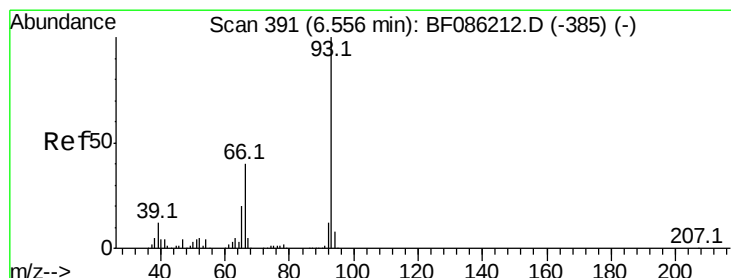
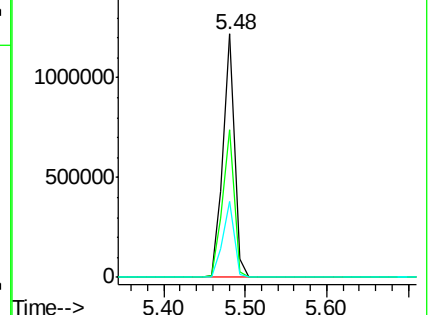
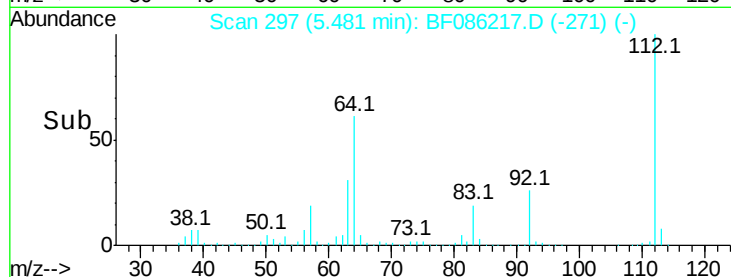
4/18/2016 7:29:19 PM



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.32 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

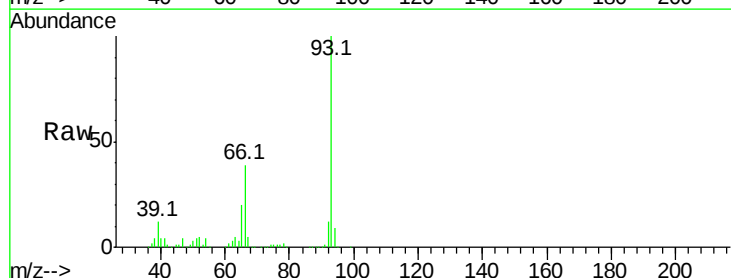
Tgt Ion: 93 Resp: 1140392

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

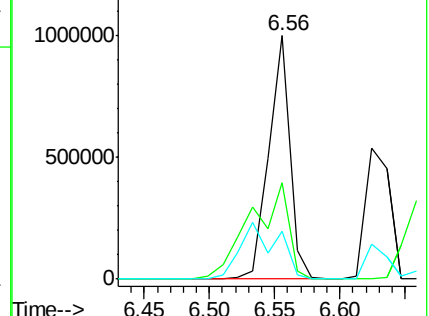
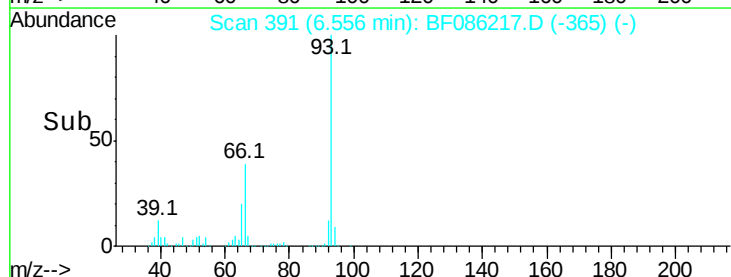
65 19.9 16.4 24.6

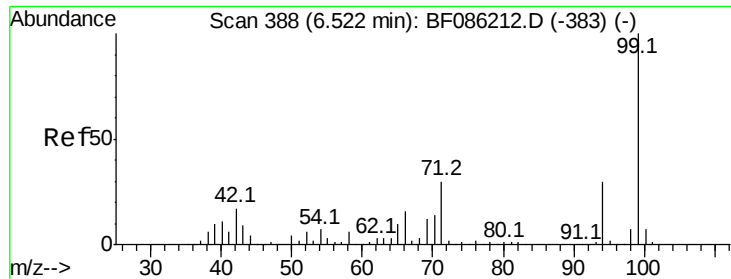


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.45 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tot Ion: 99 Resp: 1619836

Ion Ratio Lower Upper

99 100

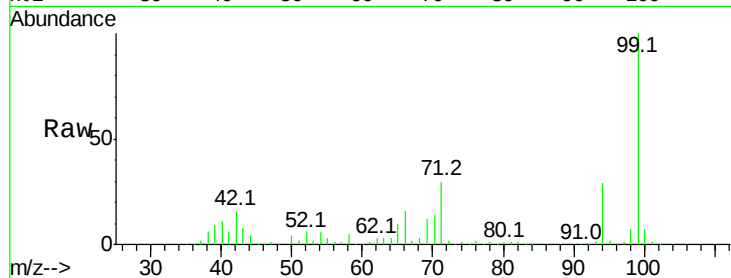
42 16.0 15.4 23.2

71 29.7 25.6 38.4

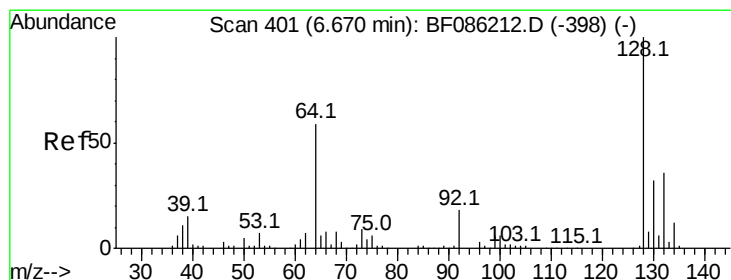
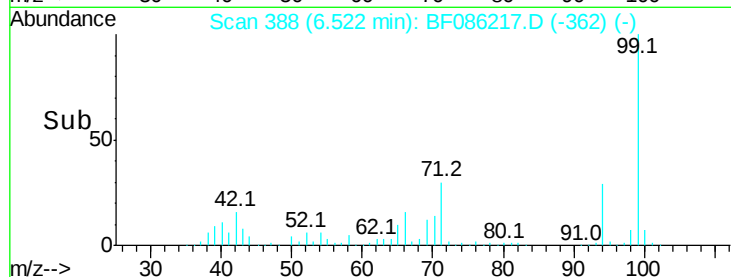
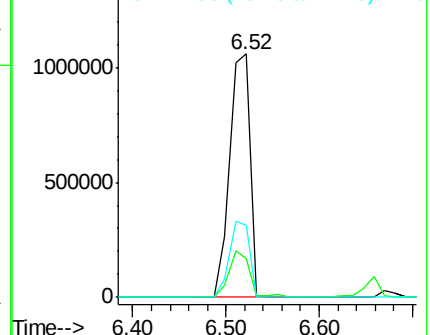
Manual Integrations
APPROVED

Sohil

4/18/2016 7:29:19 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.57 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

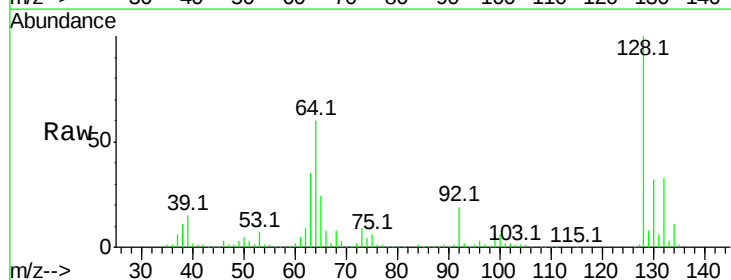
Tgt Ion:128 Resp: 701566

Ion Ratio Lower Upper

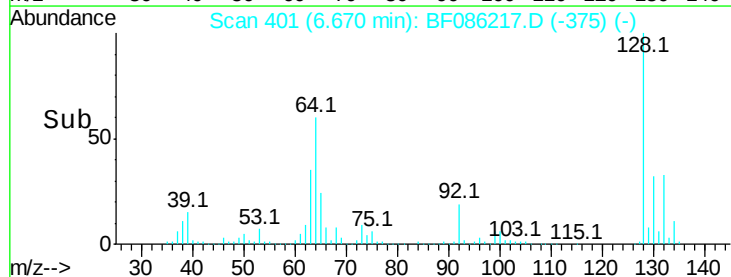
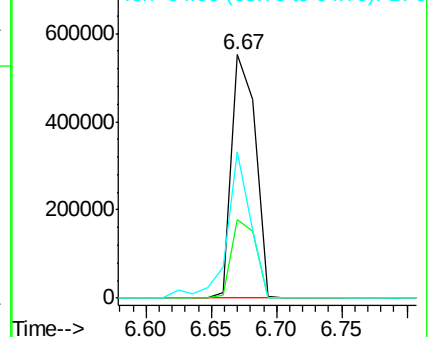
128 100

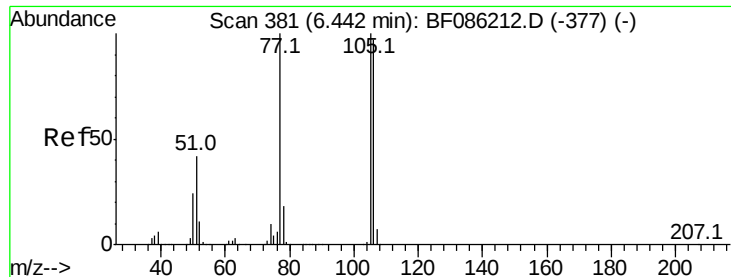
130 32.1 11.8 51.8

64 60.0 39.5 79.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.23 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

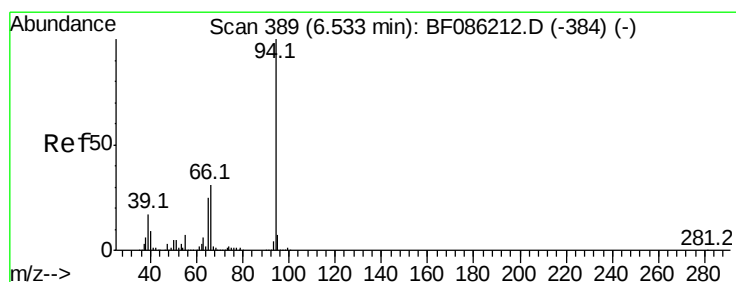
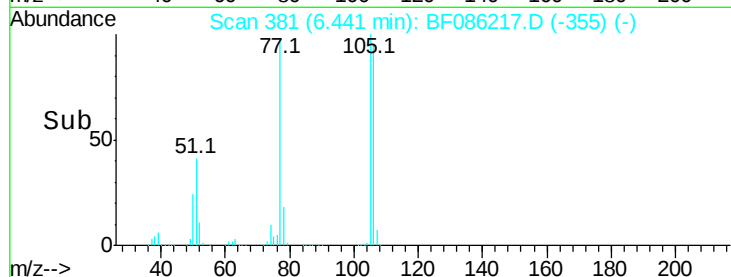
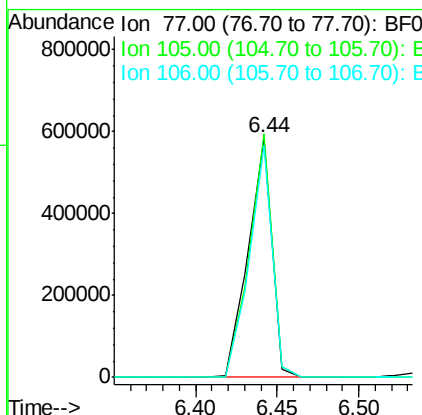
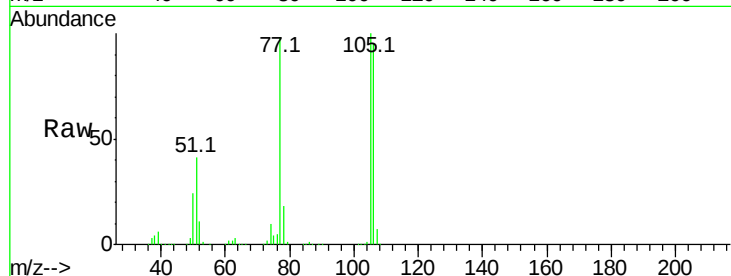
ClientSampleId :

ICVBF041516

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM

Tot Ion	77	Resp	589286
Ion Ratio	Lower	Upper	
77	100		
105	101.9	84.6	124.6
106	97.3	78.6	118.6



#10

Phenol

Concen: 40.55 ng

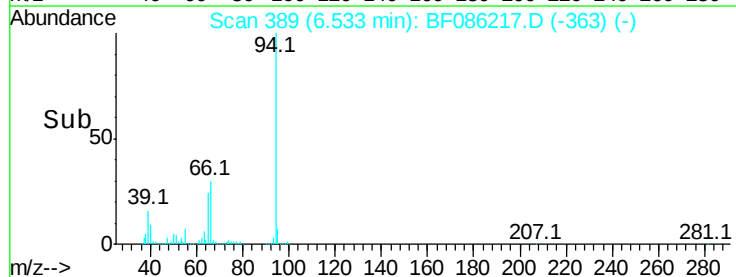
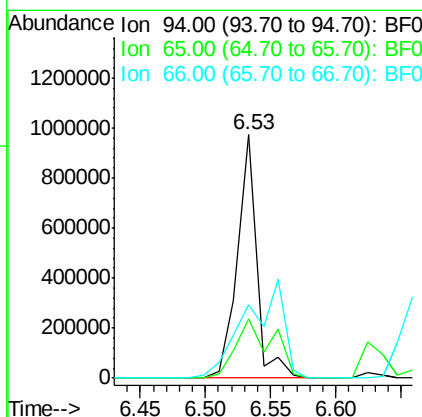
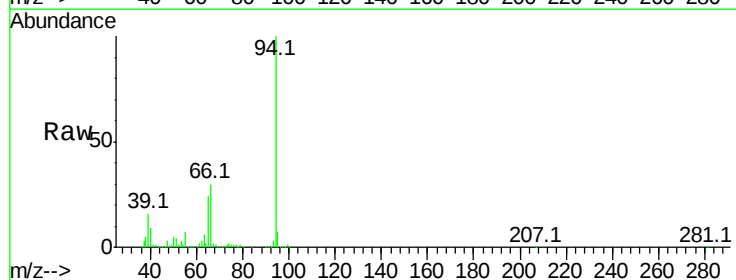
RT: 6.53 min Scan# 389

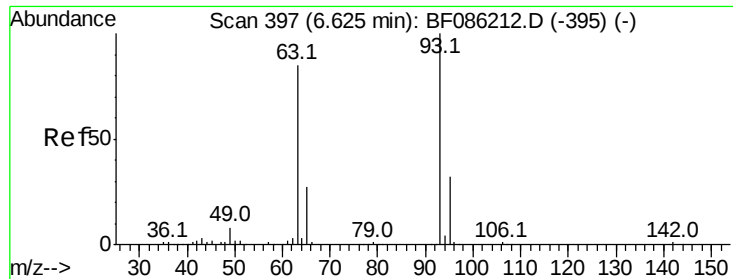
Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion	94	Resp	997043
Ion Ratio	Lower	Upper	
94	100		
65	24.1	7.9	47.9
66	30.3	16.5	56.5





#11

bis(2-Chloroethyl)ether

Concen: 36.94 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tot Ion: 93 Resp: 683317

Ion Ratio Lower Upper

93 100

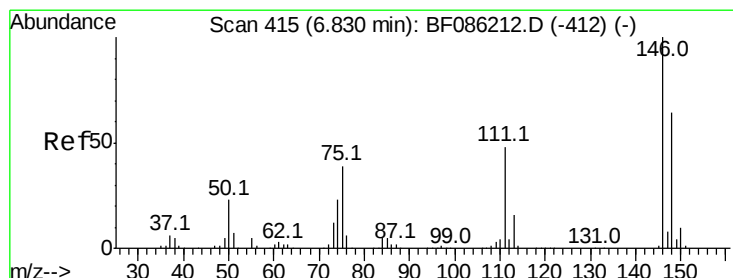
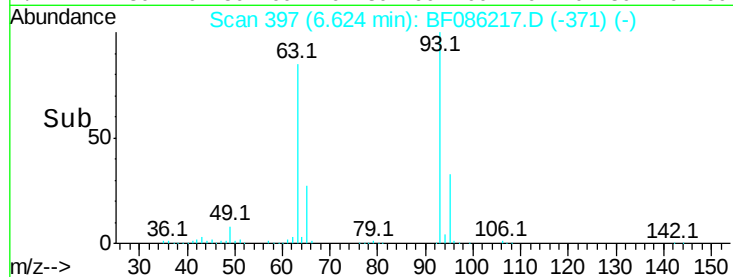
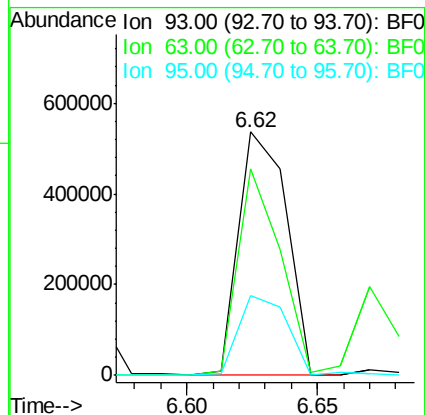
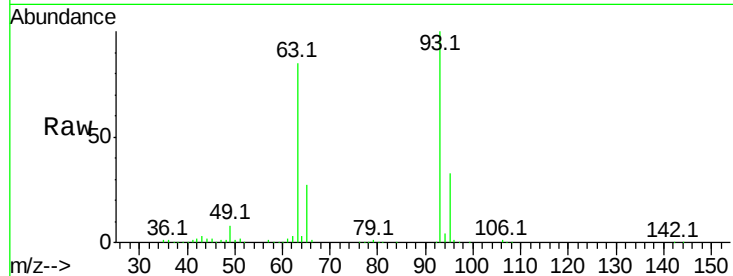
63 84.6 44.4 84.4#

95 32.6 13.1 53.1

Manual Integrations
APPROVED

Sohil

4/18/2016 7:29:19 PM



#12

1,3-Dichlorobenzene

Concen: 37.23 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

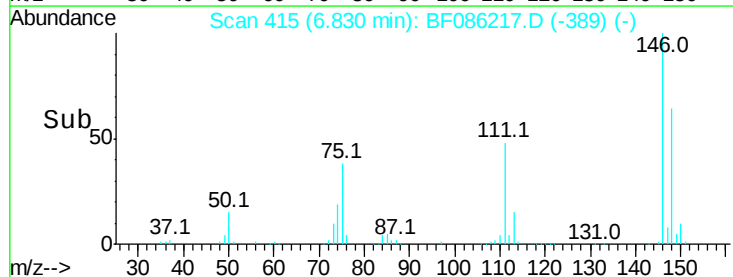
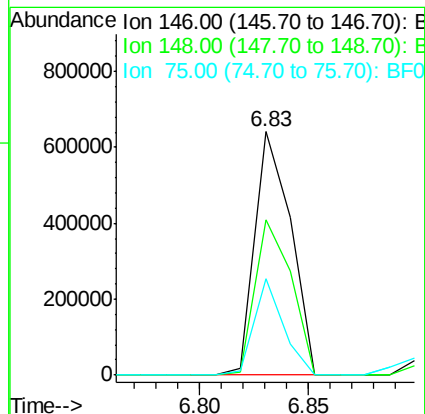
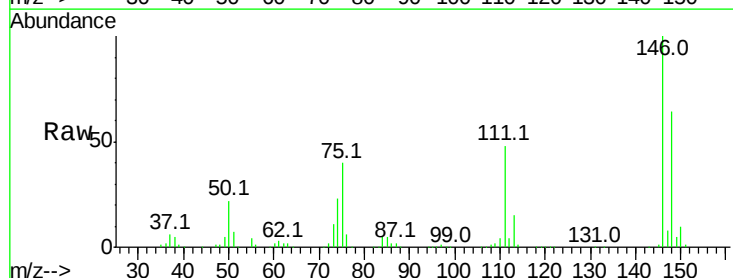
Tgt Ion: 146 Resp: 737698

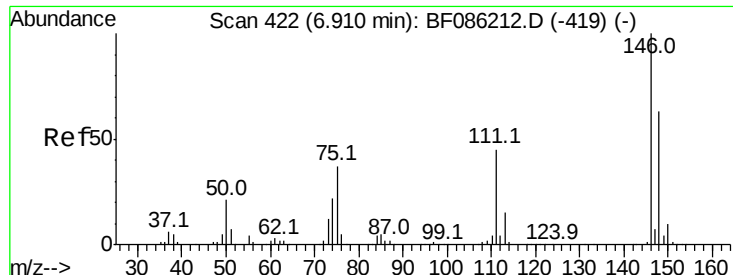
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

75 39.5 29.9 44.9





#13

1,4-Dichlorobenzene

Concen: 38.00 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

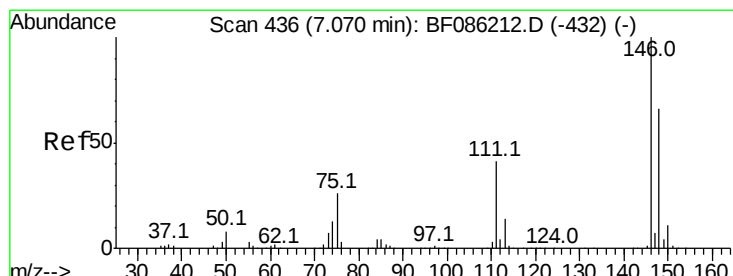
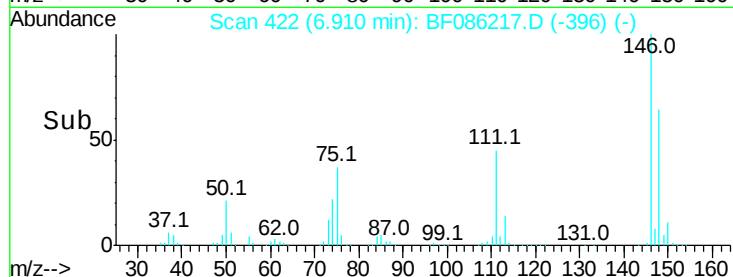
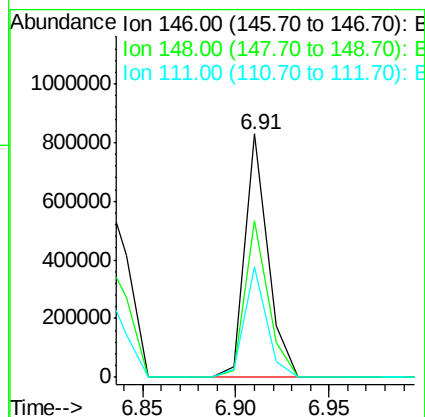
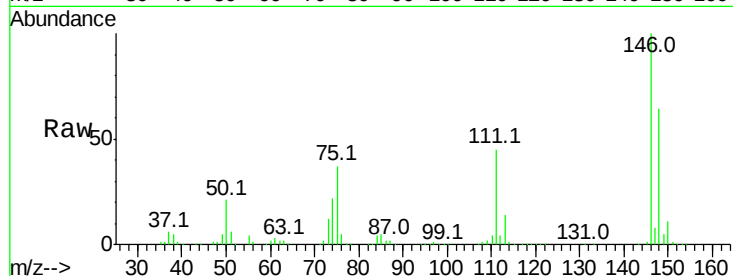
ClientSampled :

ICVBF041516

Tot Ion:	146	Resp:	717251
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
111	45.4	34.9	52.3

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



#14

1,2-Dichlorobenzene

Concen: 40.21 ng

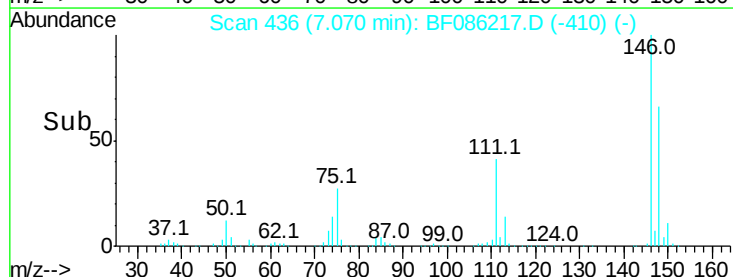
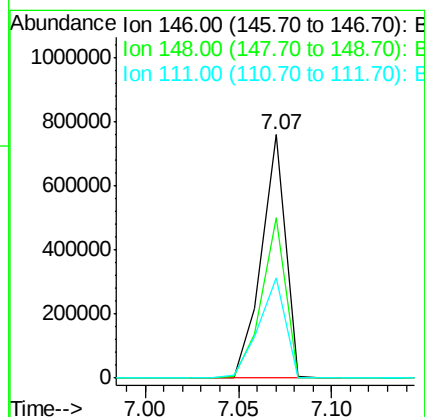
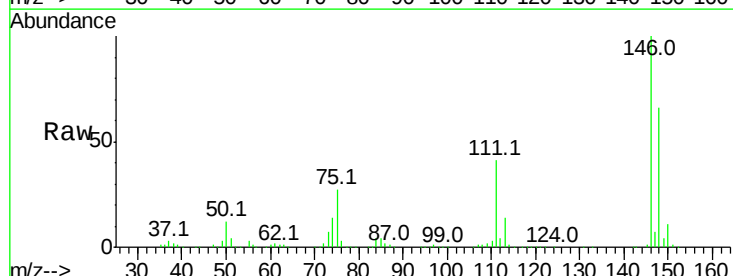
RT: 7.07 min Scan# 436

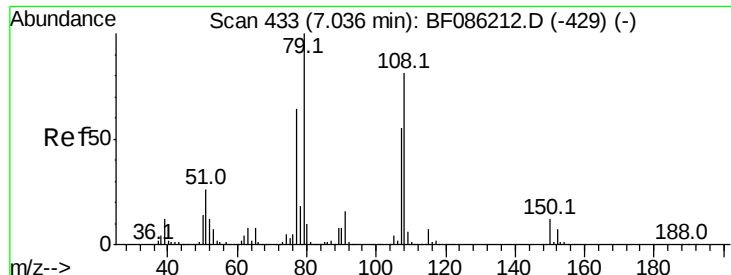
Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:	146	Resp:	673687
Ion Ratio	Lower	Upper	
146	100		
148	66.1	52.2	78.2
111	41.3	31.0	46.4





#15

Benzyl Alcohol

Concen: 41.66 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

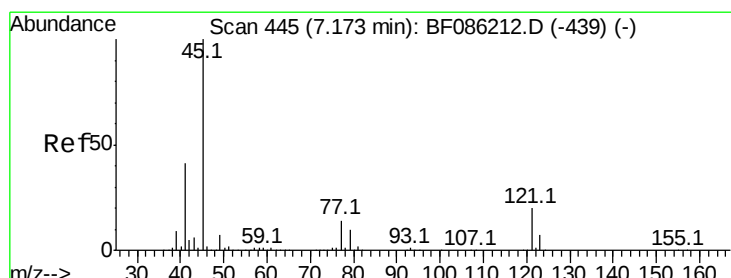
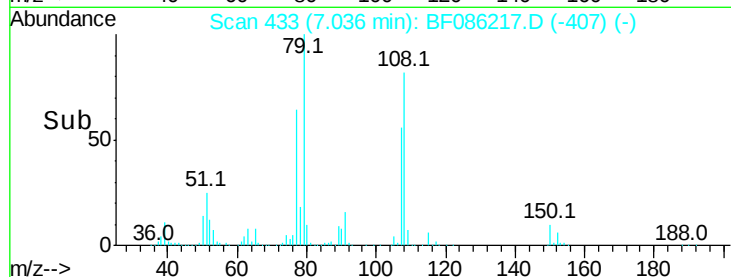
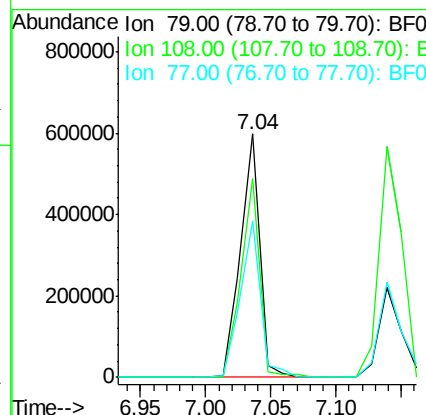
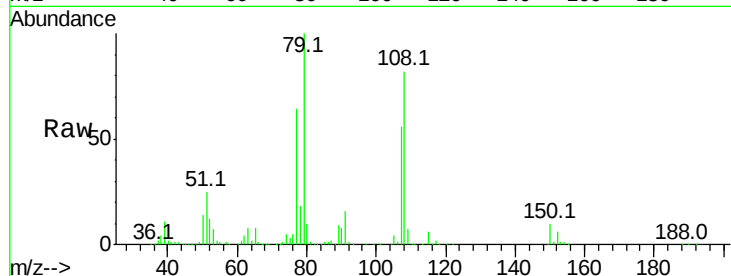
ClientSampleId :

ICVBF041516

Tot Ion:	79	Resp:	610165
Ion Ratio	Lower	Upper	
79	100		
108	81.6	64.8	97.2
77	64.2	51.9	77.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.22 ng

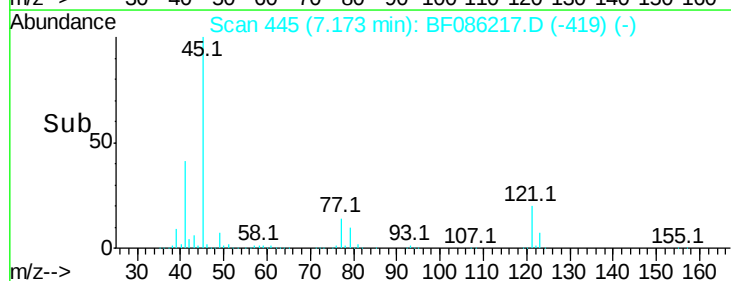
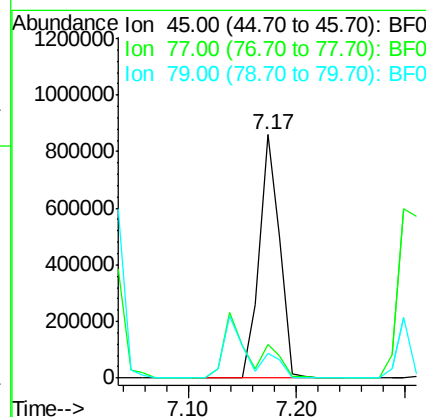
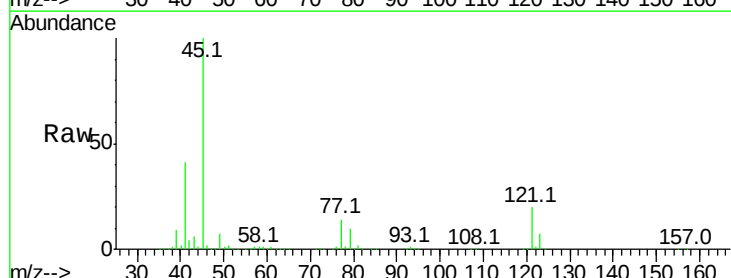
RT: 7.17 min Scan# 445

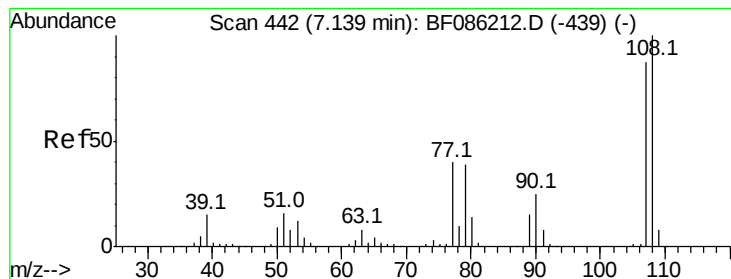
Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:	45	Resp:	1130558
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	33.7
79	10.4	0.0	30.1





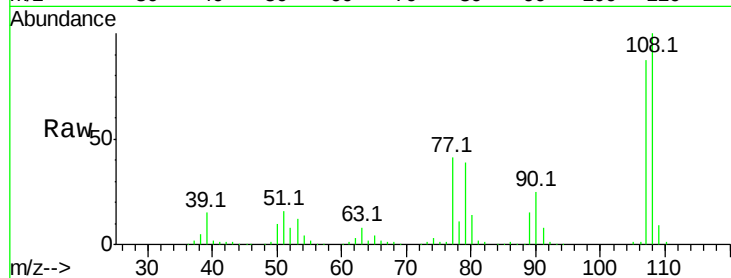
#17
2-Methylphenol
Concen: 38.71 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

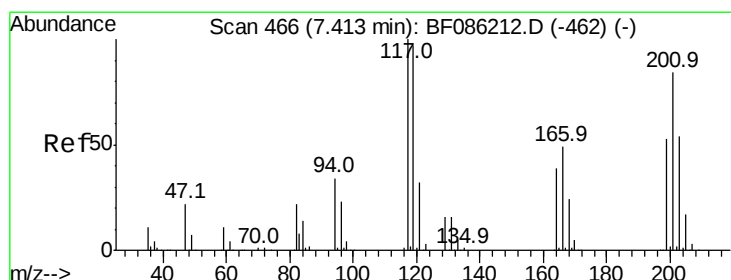
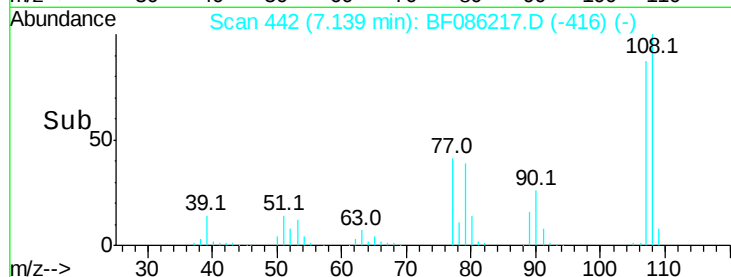
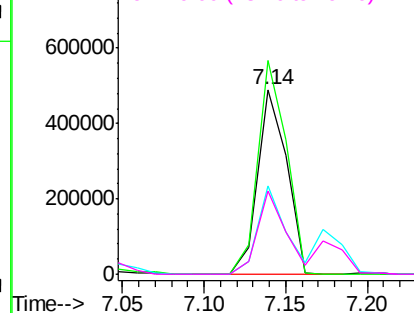
Tot Ion	Ratio	Resp	Lower	Upper
107	100	602373		
108	115.5	92.7	139.1	
77	47.6	39.6	59.4	
79	44.8	37.4	56.2	

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM

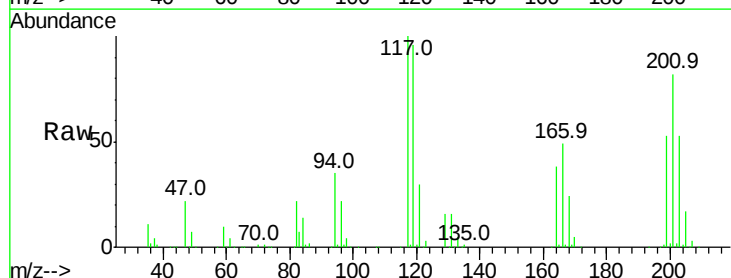


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

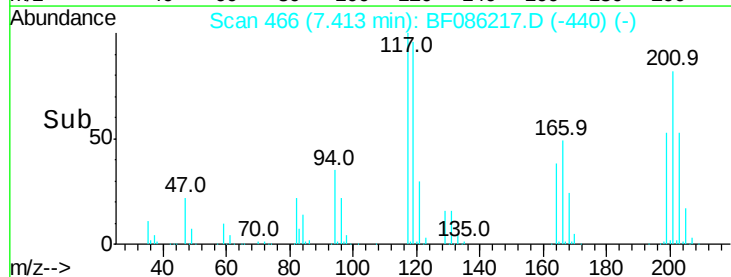
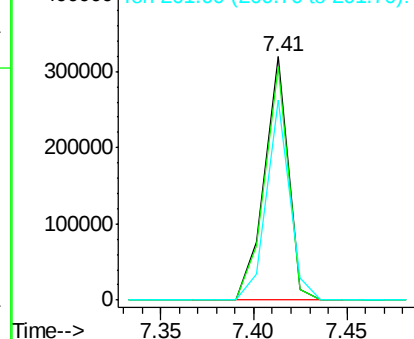


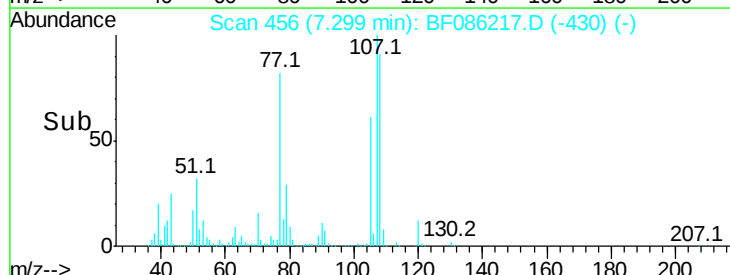
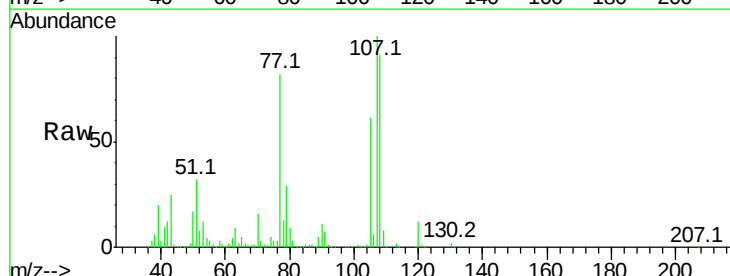
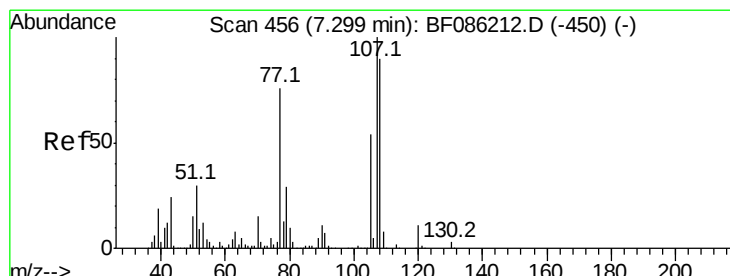
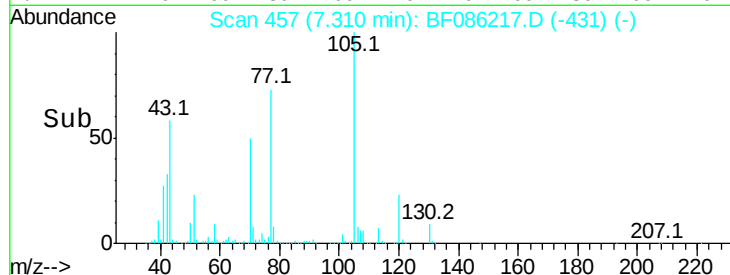
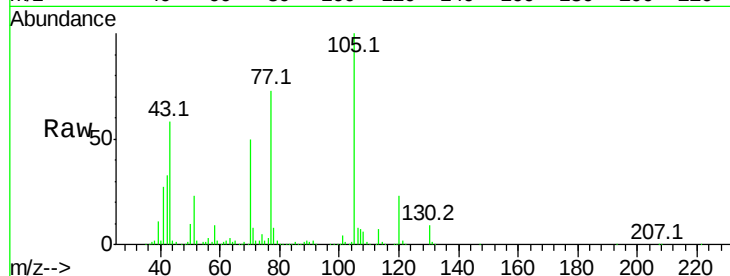
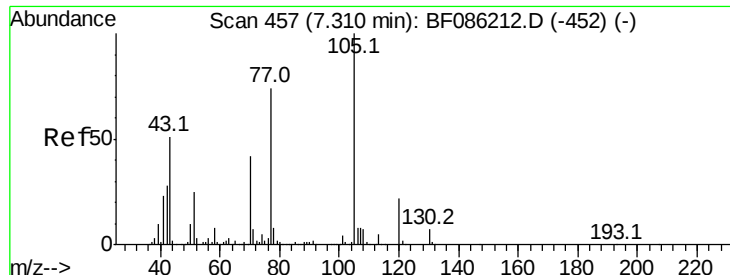
#18
Hexachloroethane
Concen: 39.51 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	281334		
119	96.0	78.2	117.4	
201	82.0	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





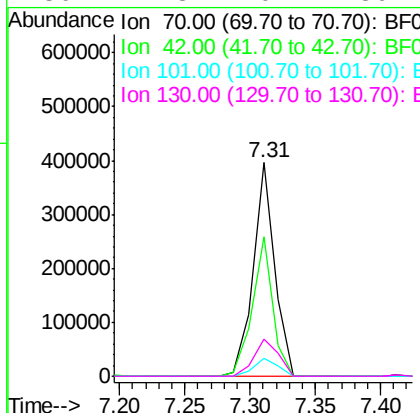
#19
n-Nitroso-di-n-propylamine
Concen: 34.34 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		453776		
42	65.5	43.0	64.4#		
101	8.7	8.1	12.1		
130	17.3	20.1	30.1#		

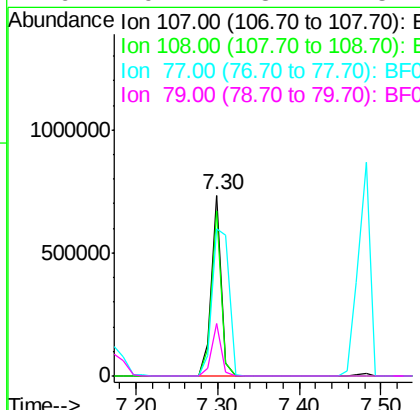
Manual Integrations
APPROVED

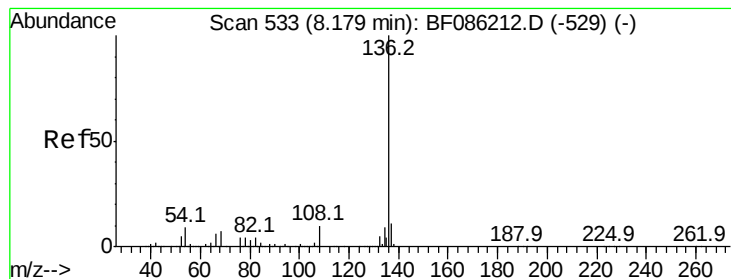
Sohil
4/18/2016 7:29:19 PM



#20
3+4-Methylphenols
Concen: 36.50 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		636205		
108	91.4	69.7	109.7		
77	81.5	60.5	100.5		
79	29.2	8.1	48.1		





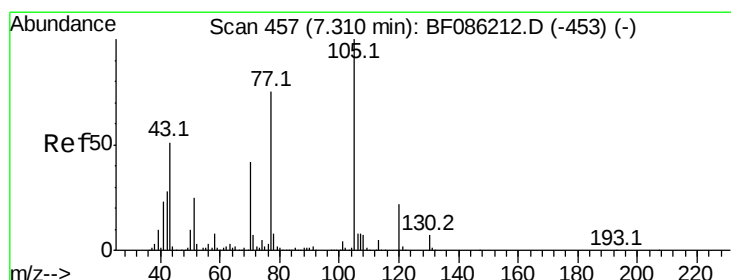
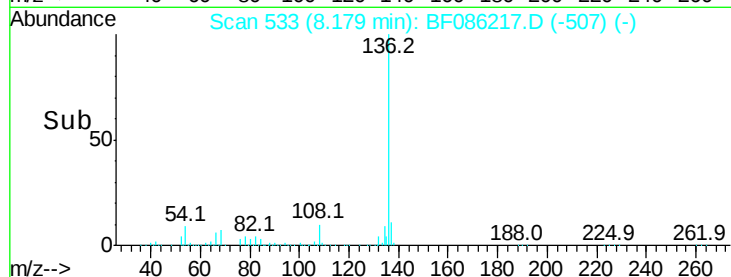
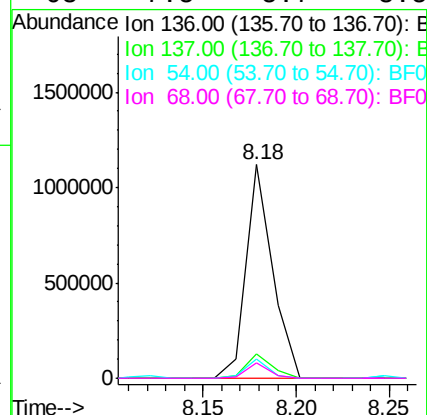
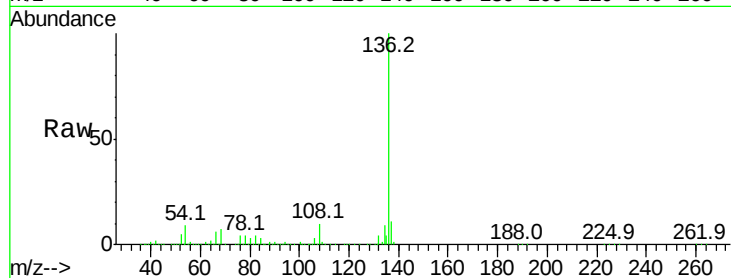
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.1	7.3	10.9
68	7.5	5.7	8.5

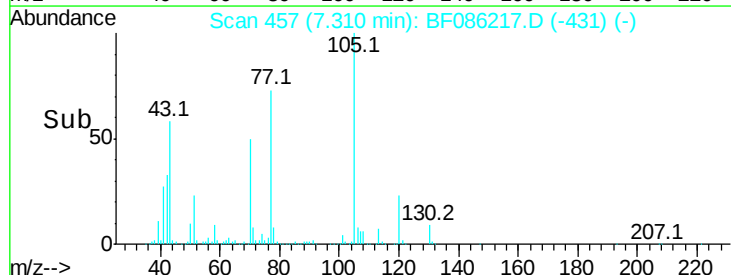
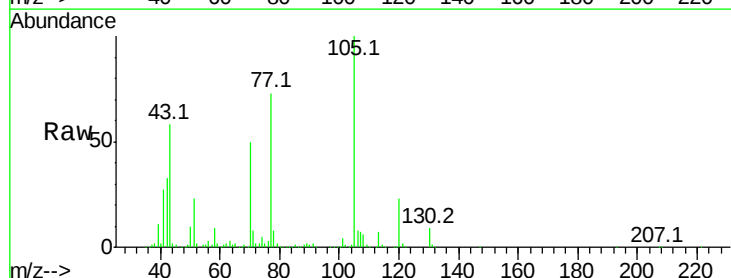
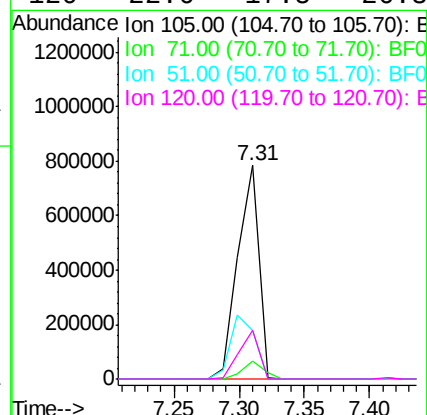
Manual Integrations
APPROVED

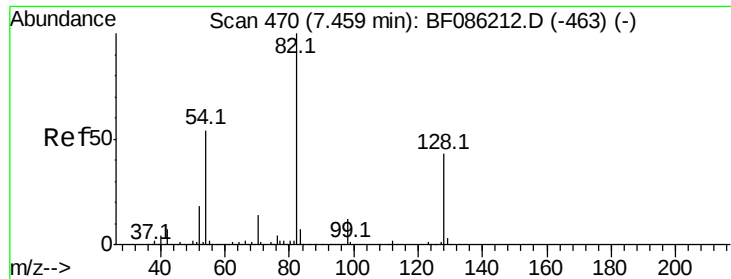
Sohil
4/18/2016 7:29:19 PM



#22
Acetophenone
Concen: 41.96 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.0	6.0#
51	22.9	22.0	33.0
120	22.6	17.5	26.3





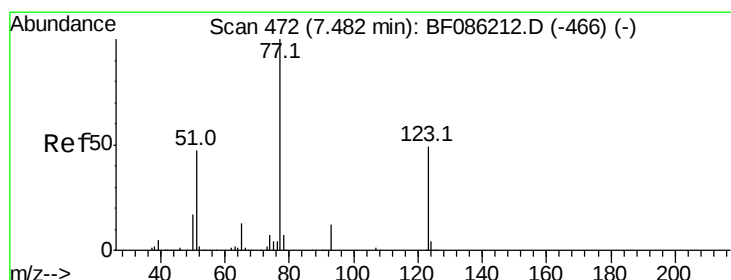
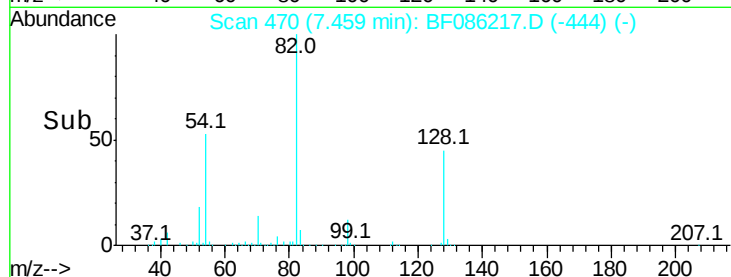
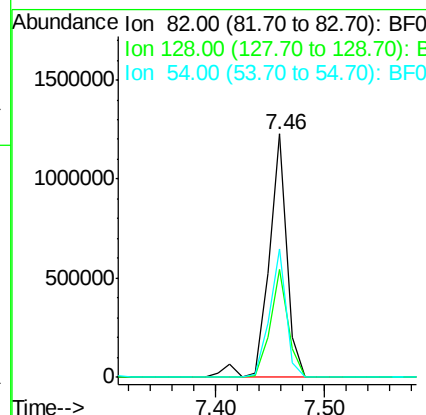
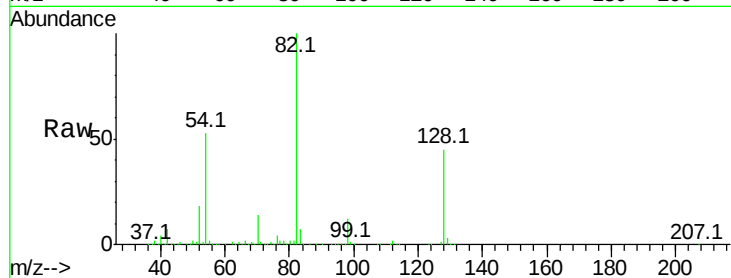
#23
Nitrobenzene-d5
Concen: 74.36 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.4	53.2
54	52.6	43.4	65.0

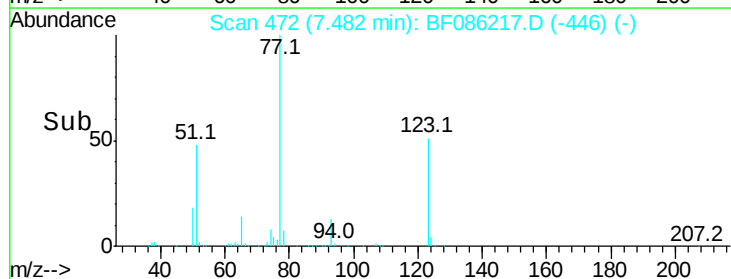
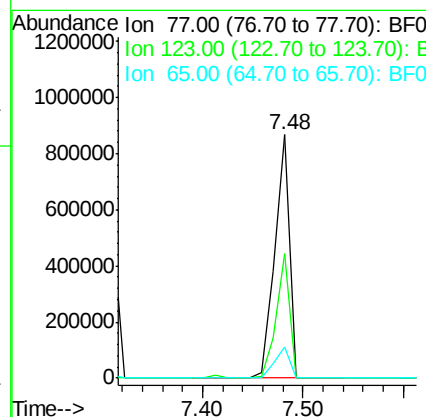
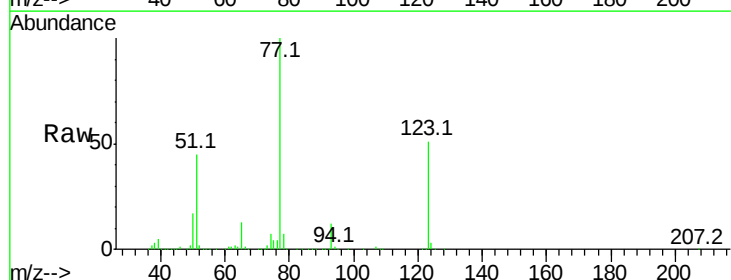
Manual Integrations
APPROVED

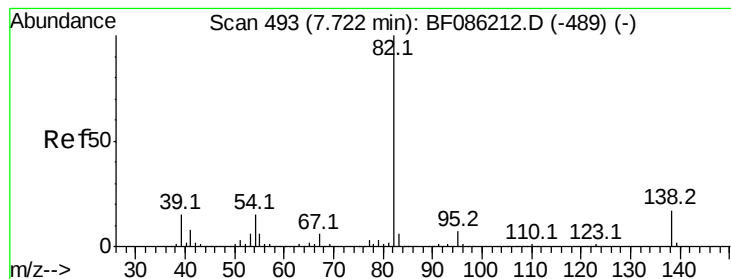
Sohil
4/18/2016 7:29:19 PM



#24
Nitrobenzene
Concen: 41.84 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	38.3	57.5
65	12.7	11.3	16.9





#25

Isophorone

Concen: 38.00 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tot Ion: 82 Resp: 1440338

Ion Ratio Lower Upper

82 100

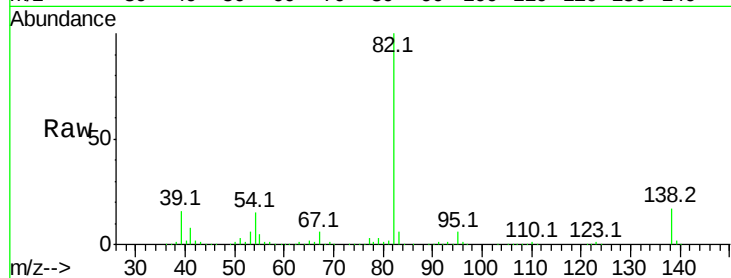
95 6.4 5.4 8.2

138 17.0 13.4 20.2

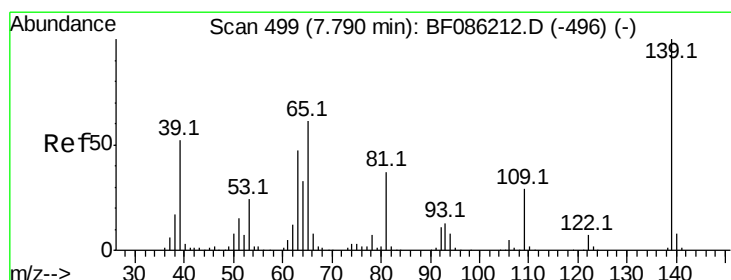
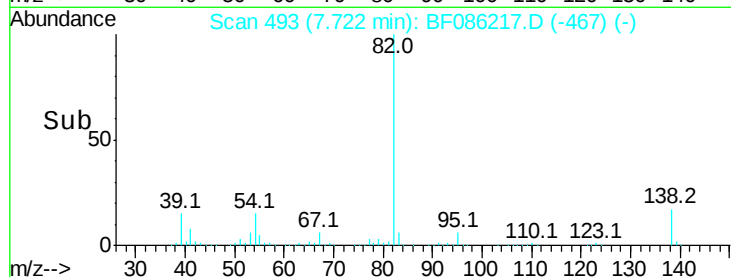
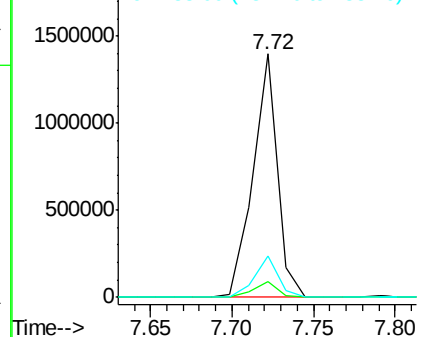
Manual Integrations
APPROVED

Sohil

4/18/2016 7:29:19 PM



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



#26

2-Nitrophenol

Concen: 39.66 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

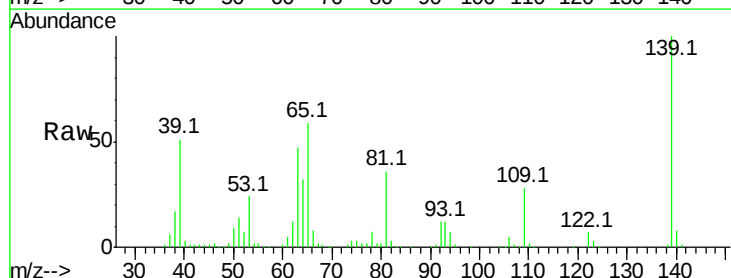
Tgt Ion: 139 Resp: 361095

Ion Ratio Lower Upper

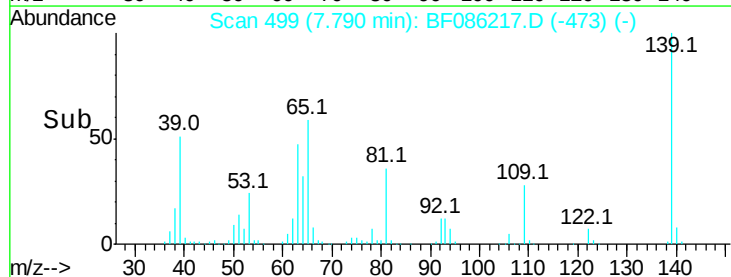
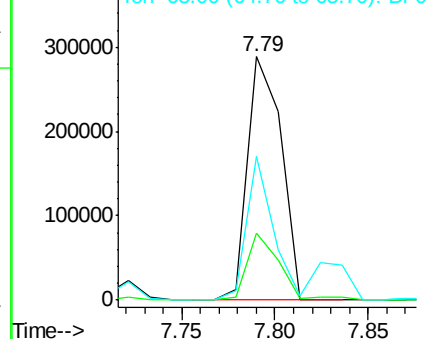
139 100

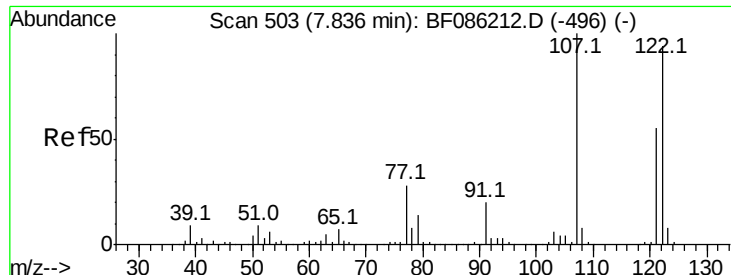
109 27.6 25.8 38.8

65 58.9 50.2 75.2



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





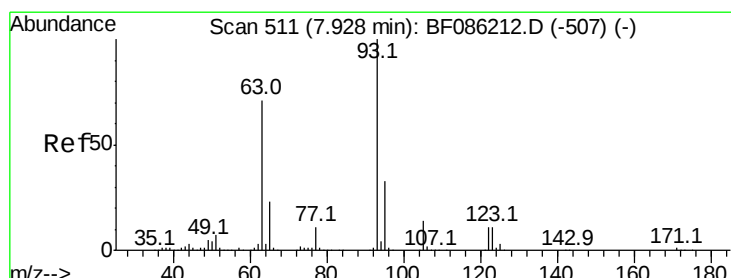
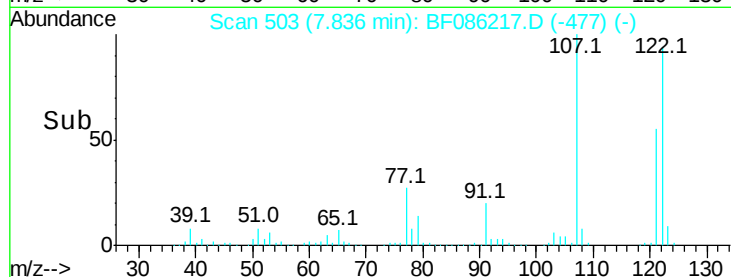
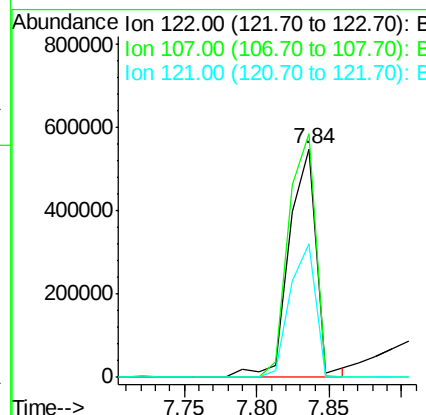
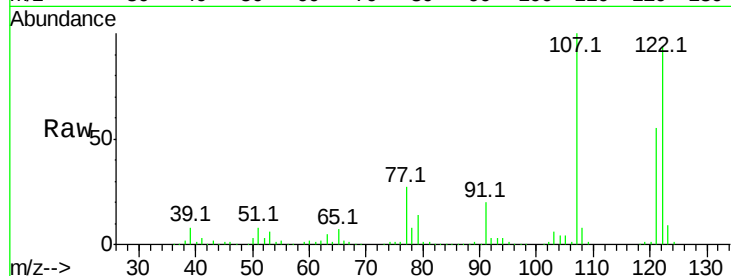
#27
 2,4-Dimethylphenol
 Concen: 38.95 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tot Ion	Ratio	Resp	Lower	Upper
122	100	716246		
107	106.5	85.8	128.6	
121	58.4	47.1	70.7	

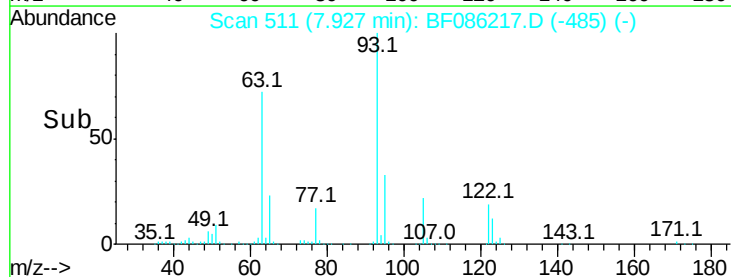
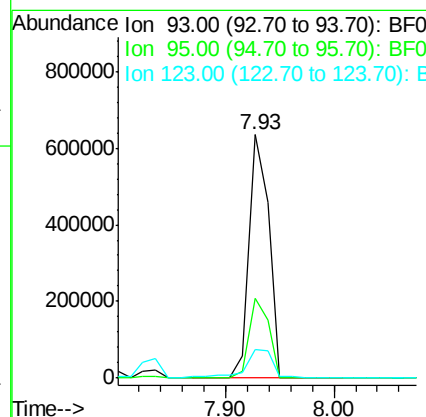
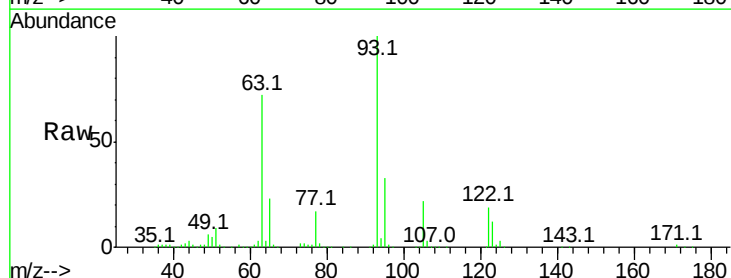
Manual Integrations
 APPROVED

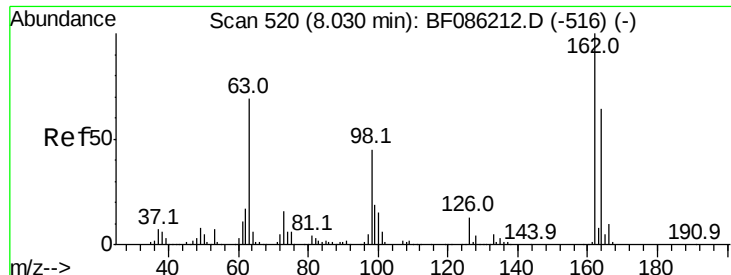
Sohil
 4/18/2016 7:29:19 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.62 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	793605		
95	32.8	25.8	38.8	
123	11.6	8.9	13.3	





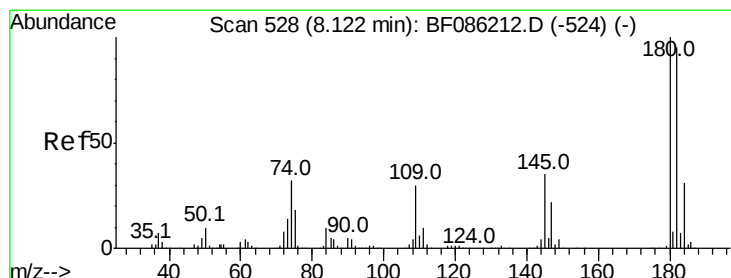
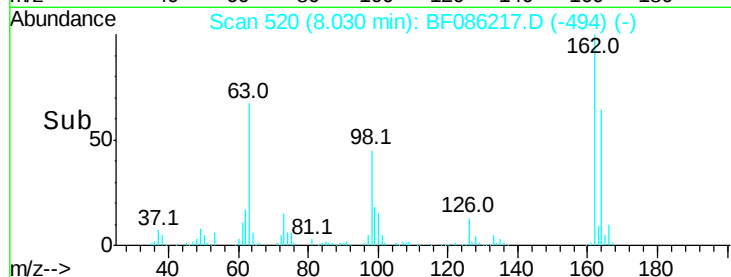
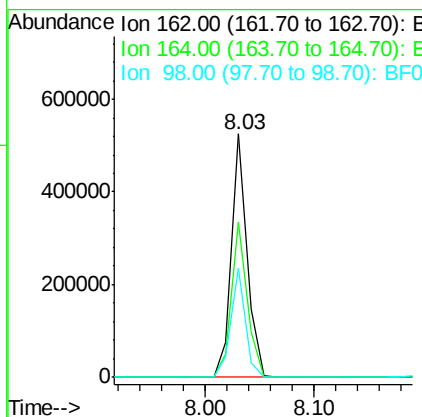
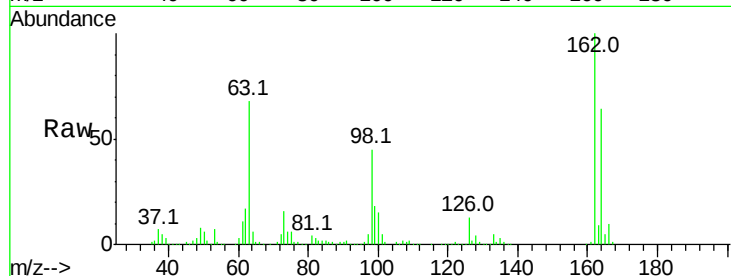
#29
 2,4-Dichlorophenol
 Concen: 36.97 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tot Ion	Ratio	Resp	Lower	Upper
162	100	516791		
164	63.9	43.3	83.3	
98	44.7	22.9	62.9	

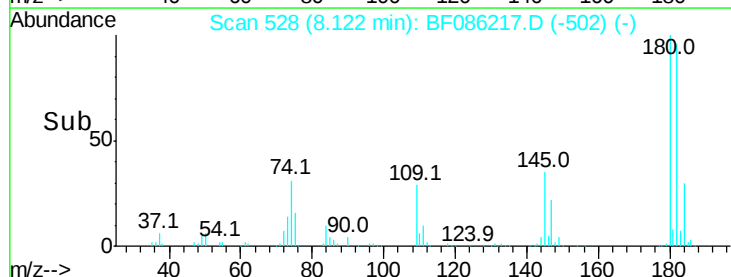
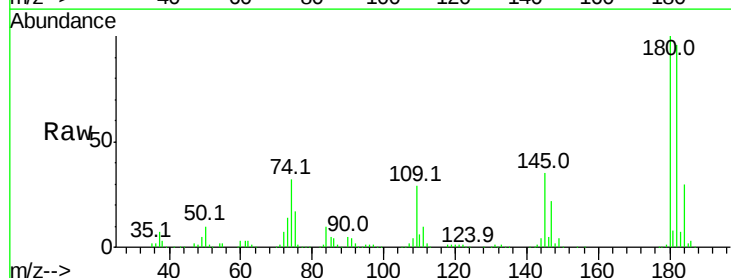
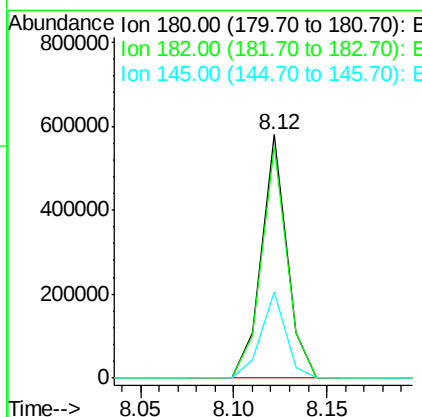
Manual Integrations
 APPROVED

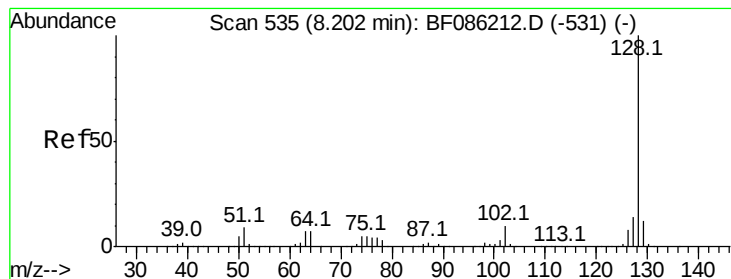
Sohil
 4/18/2016 7:29:19 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.36 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	546588		
182	95.5	76.3	114.5	
145	35.3	27.4	41.2	





#31

Naphthalene

Concen: 37.18 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tot Ion:128 Resp: 1829097

Ion Ratio Lower Upper

128 100

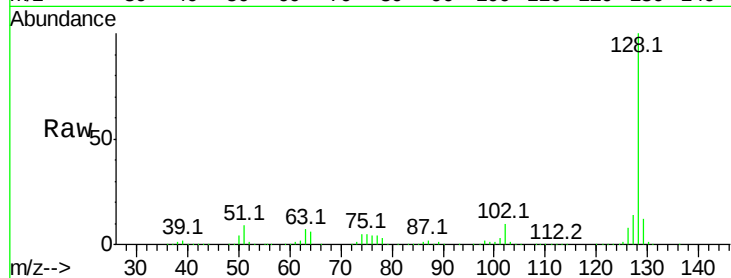
129 11.8 9.6 14.4

127 14.1 11.4 17.2

Manual Integrations
APPROVED

Sohil

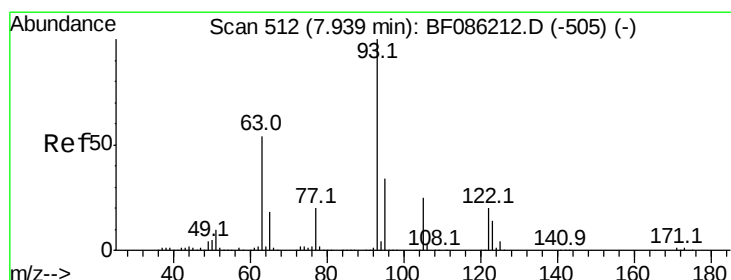
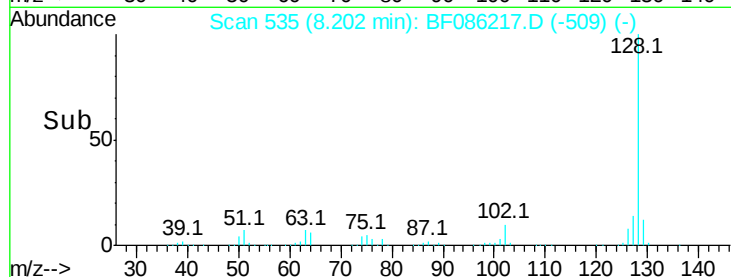
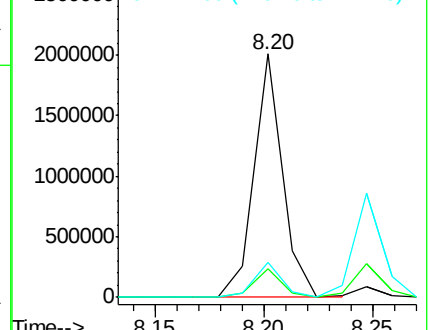
4/18/2016 7:29:19 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.33 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

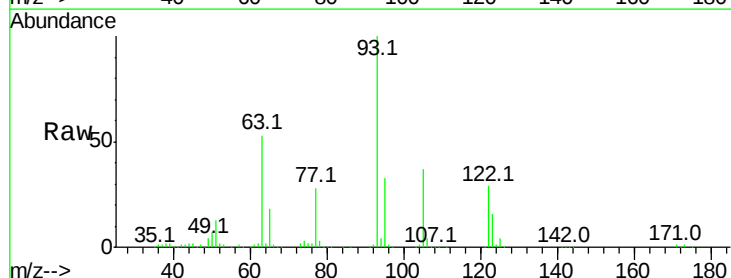
Tgt Ion:122 Resp: 497564

Ion Ratio Lower Upper

122 100

105 124.3 103.7 143.7

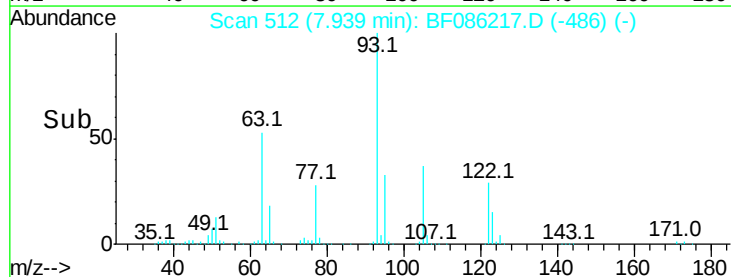
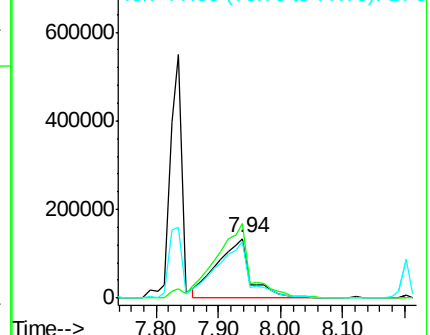
77 95.1 74.9 114.9

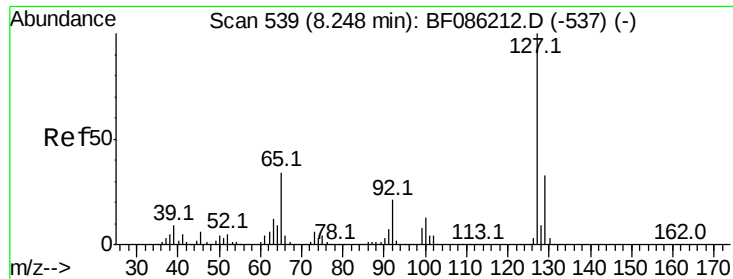


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





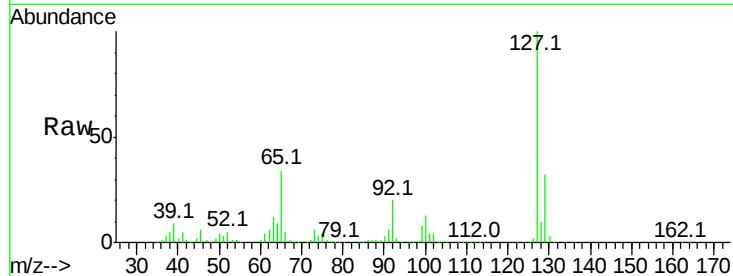
#33
4-Chloroaniline
Concen: 35.77 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

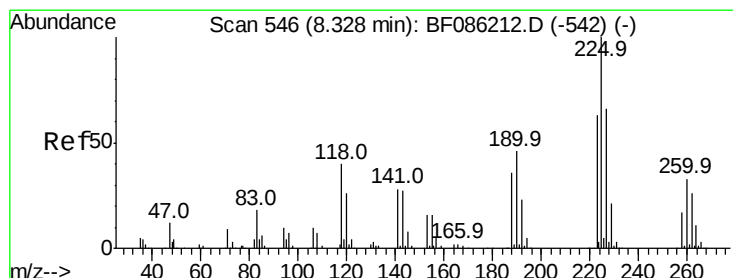
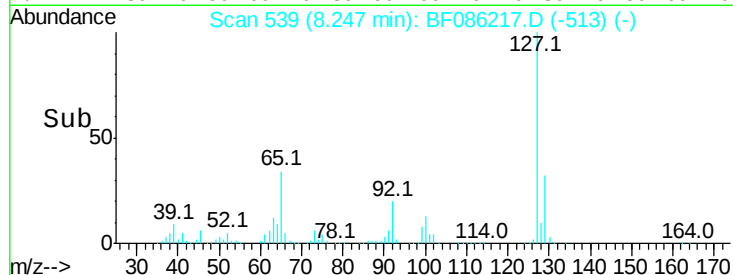
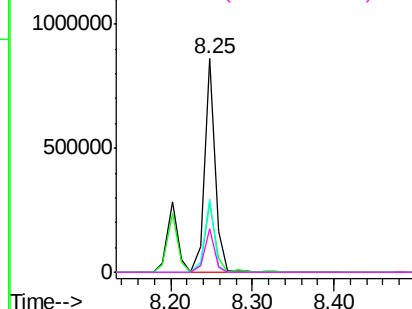
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.8	40.2		
65	34.1	27.1	40.7		
92	20.2	16.2	24.2		

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM

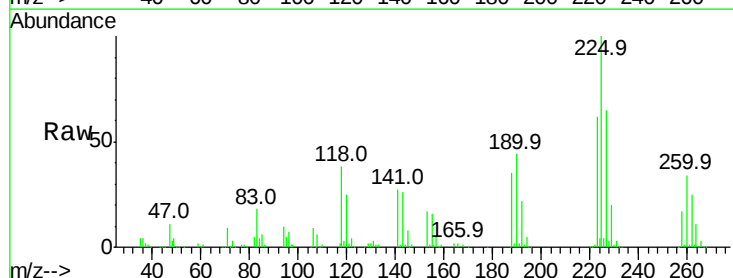


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

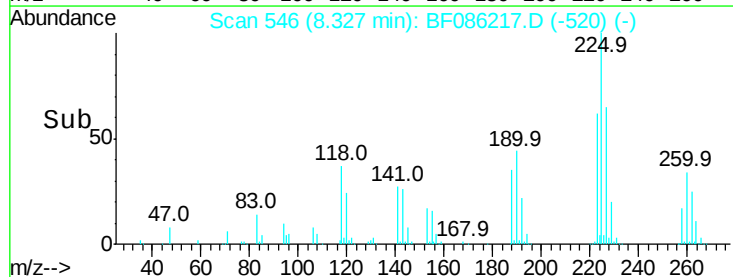
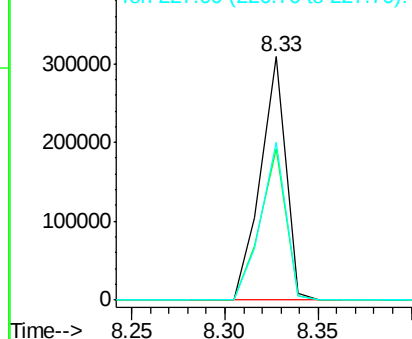


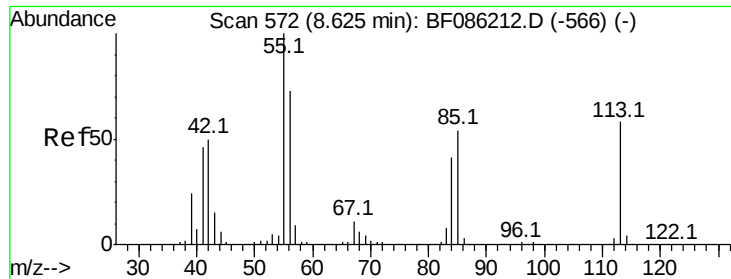
#34
Hexachlorobutadiene
Concen: 39.62 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	49.4	74.0		
227	65.0	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





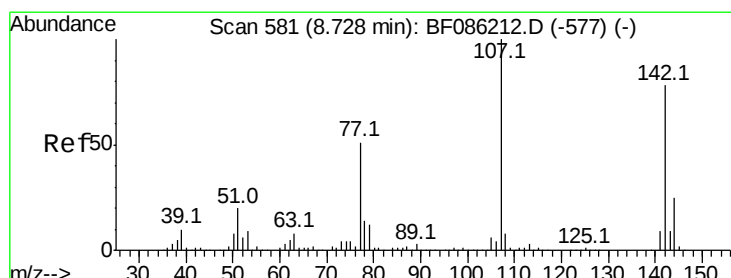
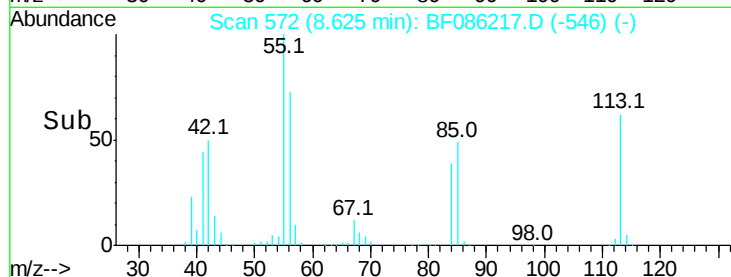
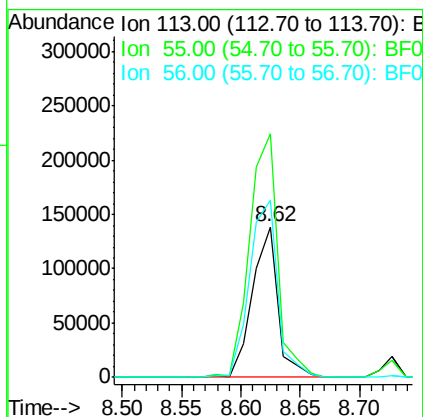
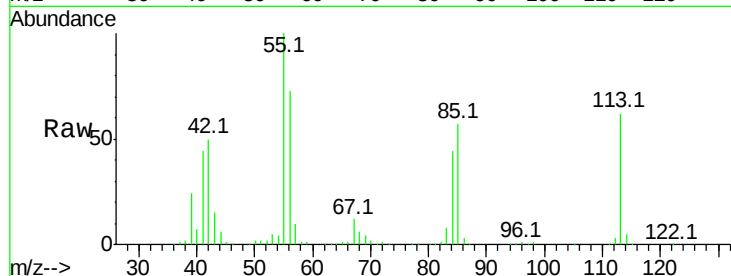
#35
 Caprolactam
 Concen: 41.25 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	161.9		117.5	157.5#	
56	117.6		82.5	122.5	

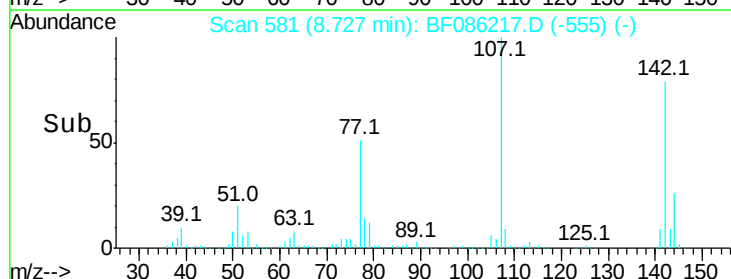
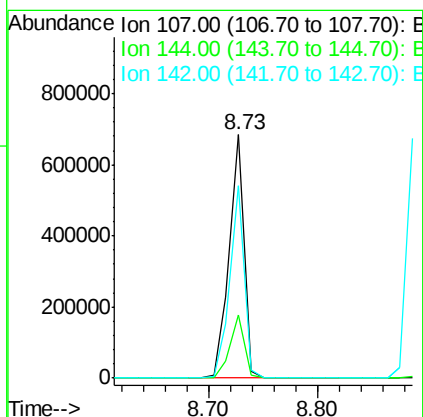
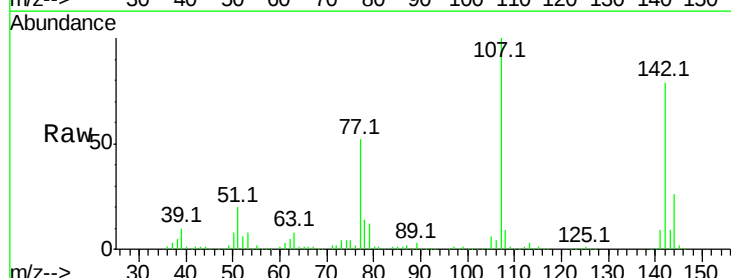
Manual Integrations
 APPROVED

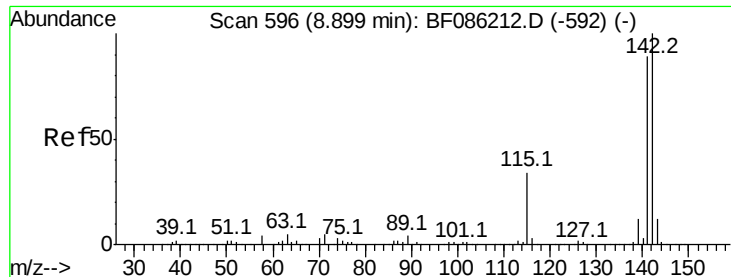
Sohil
 4/18/2016 7:29:19 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.15 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9		20.7	31.1	
142	79.2		64.5	96.7	





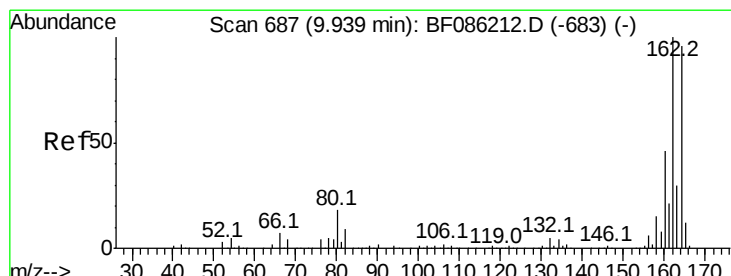
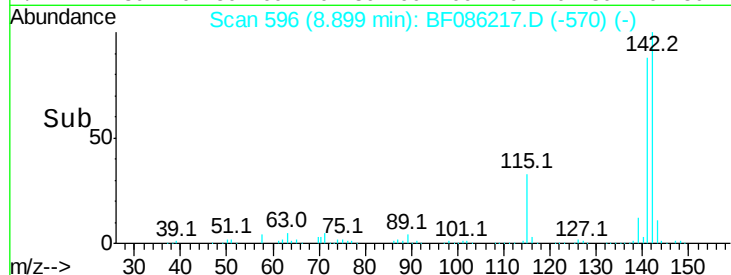
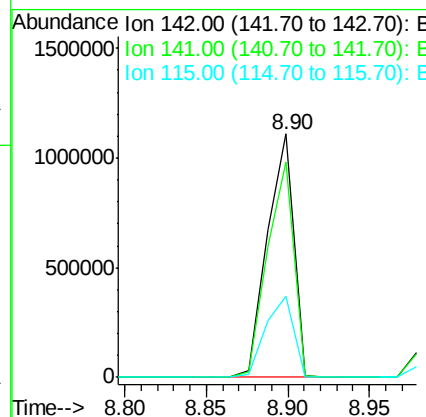
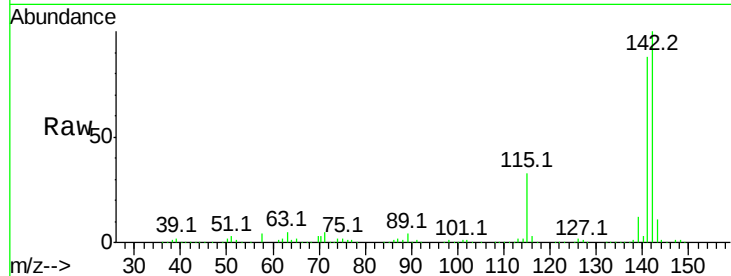
#37
2-Methylnaphthalene
Concen: 39.28 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.1	106.7
115	33.3	25.1	37.7

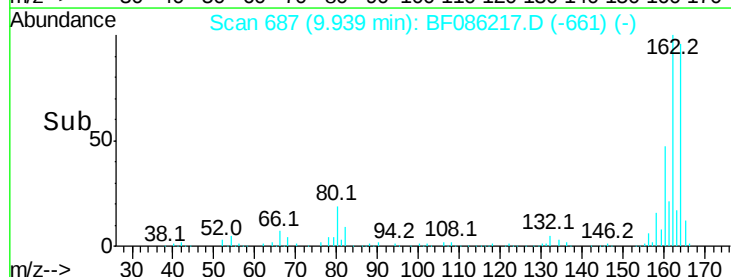
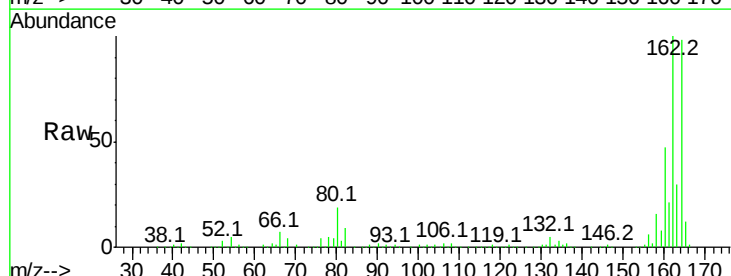
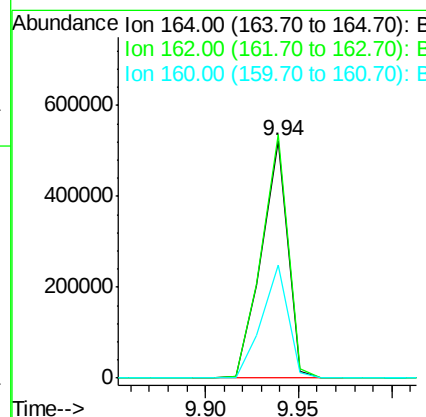
Manual Integrations
APPROVED

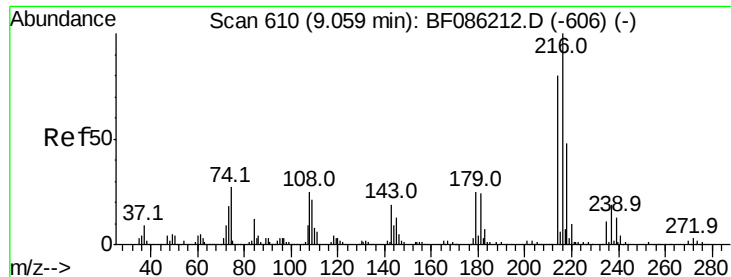
Sohil
4/18/2016 7:29:19 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	47.7	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.02 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

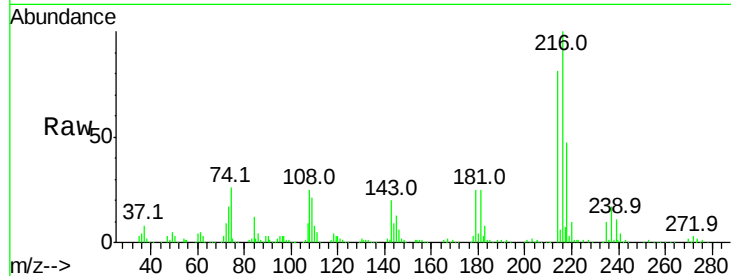
ClientSampleId :

ICVBF041516

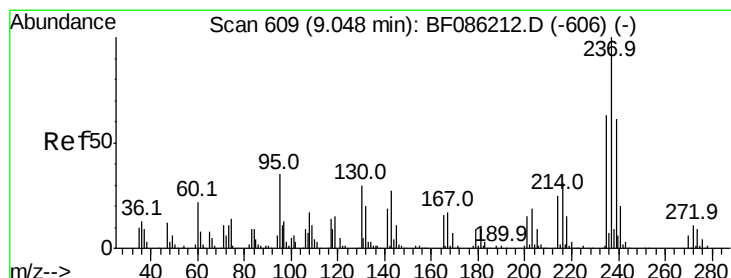
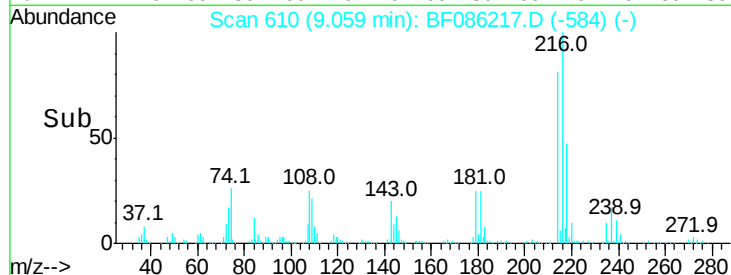
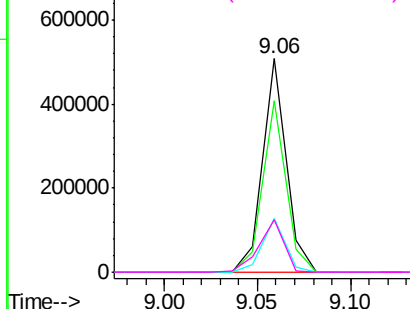
Tot Ion:	216	Resp:	442059
Ion Ratio	Lower	Upper	
216	100		
214	79.8	64.9	97.3
179	24.3	19.8	29.6
108	25.9	21.0	31.4

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



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



#40

Hexachlorocyclopentadiene

Concen: 36.45 ng

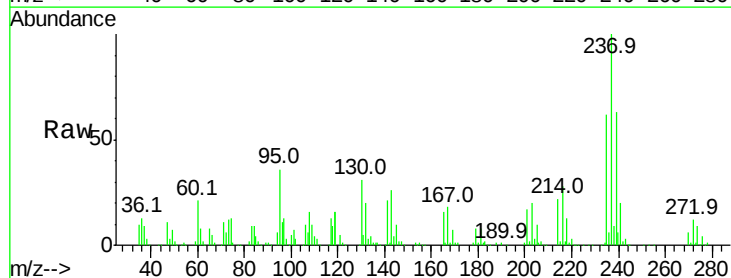
RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

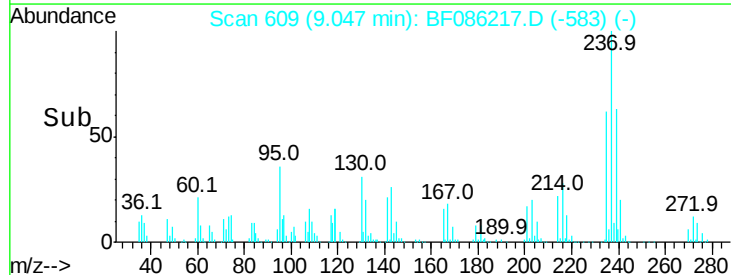
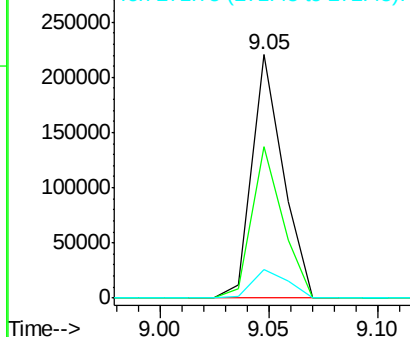
Lab File: BF086217.D

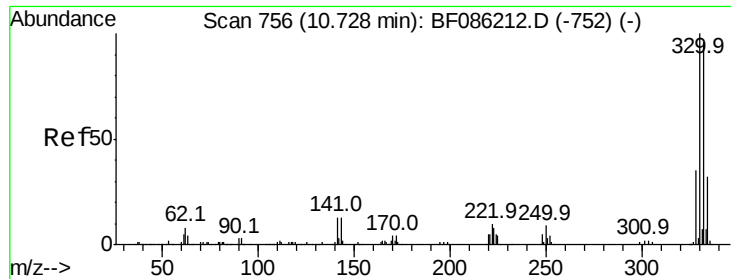
Acq: 15 Apr 2016 15:20

Tgt Ion:	237	Resp:	219786
Ion Ratio	Lower	Upper	
237	100		
235	62.2	44.0	84.0
272	11.8	0.0	32.4



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





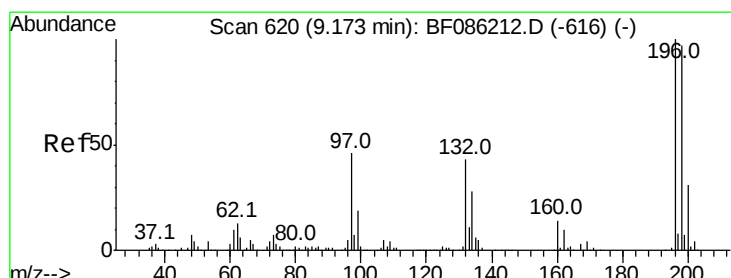
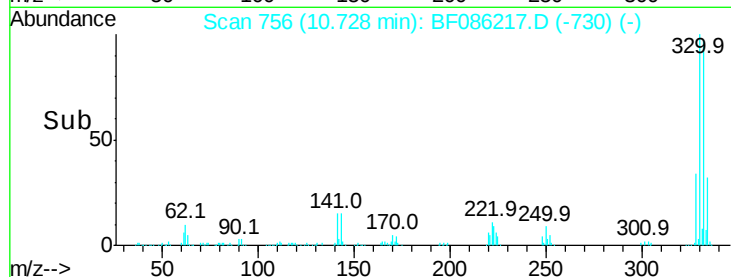
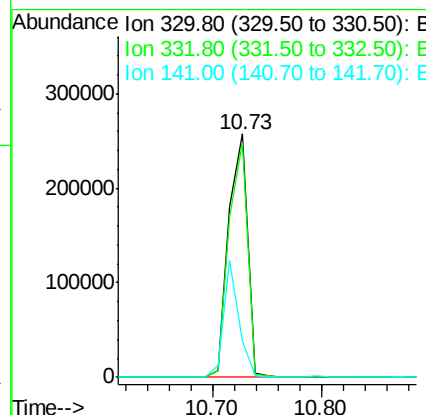
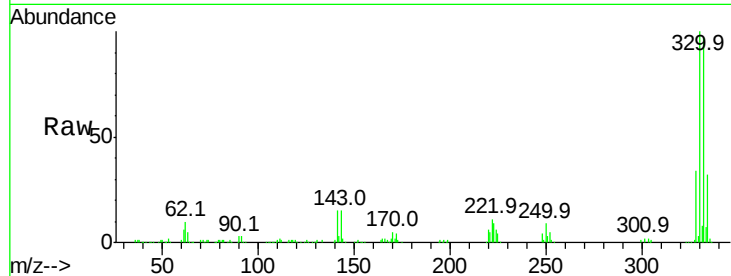
#41
 2,4,6-Tribromophenol
 Concen: 75.72 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	78.7	118.1	
141	39.1	28.6	42.8	

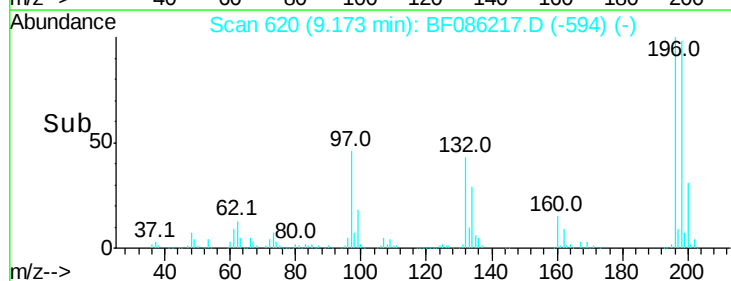
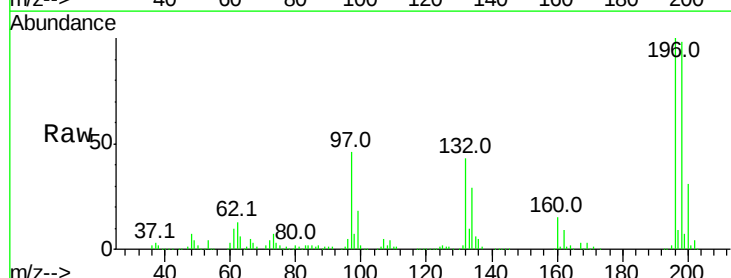
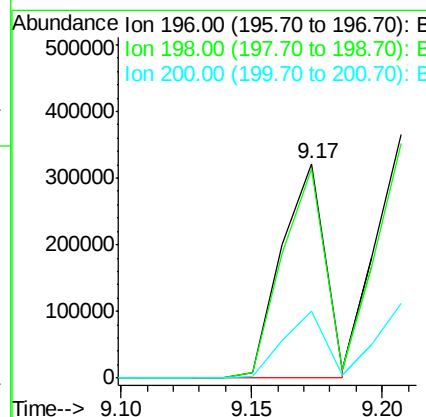
Manual Integrations
 APPROVED

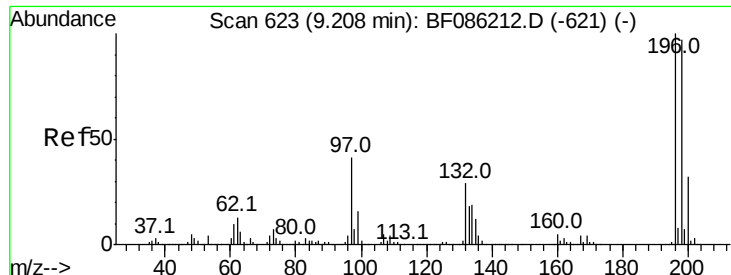
Sohil
 4/18/2016 7:29:19 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.6	76.6	115.0	
200	31.0	25.3	37.9	





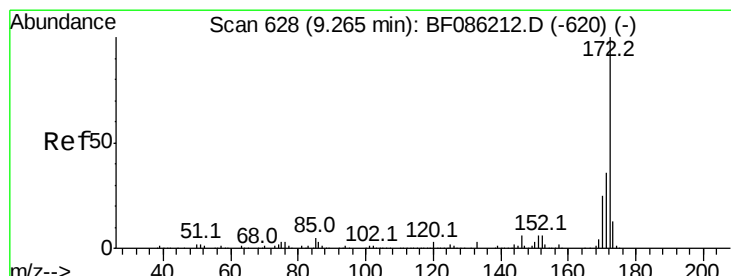
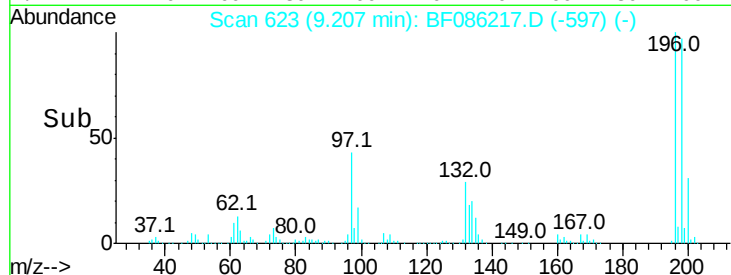
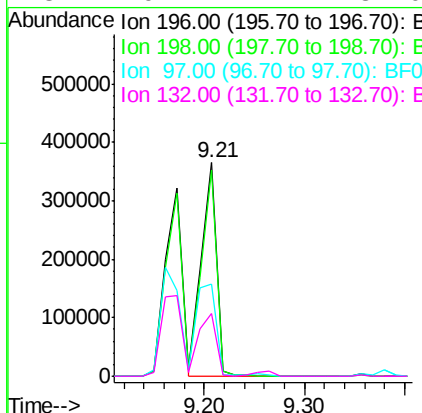
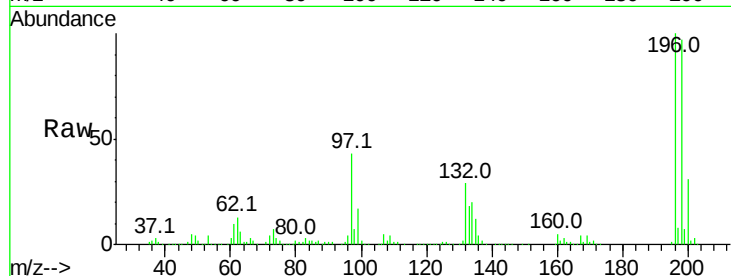
#43
 2,4,5-Trichlorophenol
 Concen: 39.57 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		385139		
198	96.5	77.7	116.5		
97	43.4	32.6	48.8		
132	29.2	21.4	32.0		

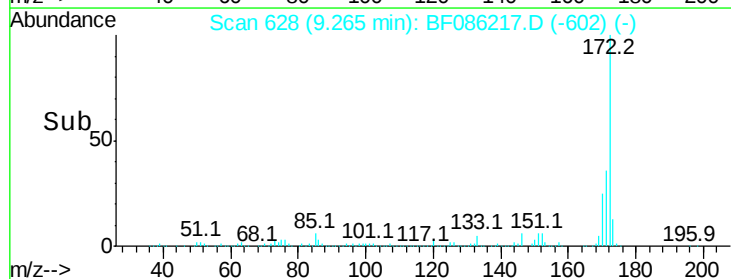
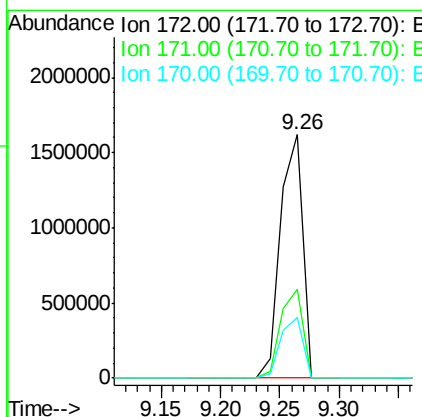
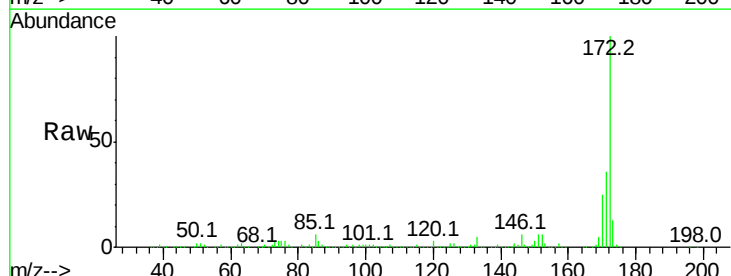
Manual Integrations
 APPROVED

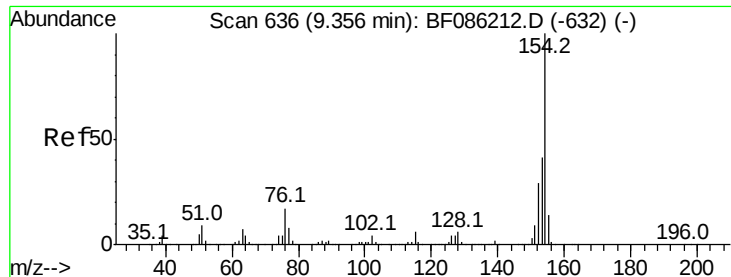
Sohil
 4/18/2016 7:29:19 PM



#44
 2-Fluorobiphenyl
 Concen: 74.84 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2074278		
171	36.4	29.1	43.7		
170	24.8	19.9	29.9		





#45

1,1'-Biphenyl

Concen: 35.28 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tot Ion:154 Resp: 1299036

Ion Ratio Lower Upper

154 100

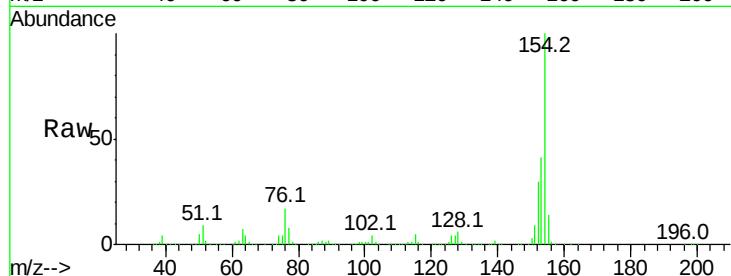
153 41.2 21.3 61.3

76 16.8 0.0 36.4

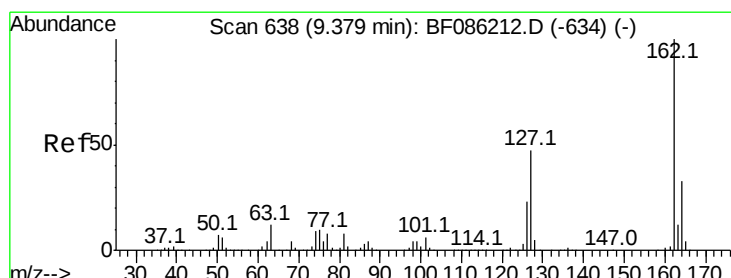
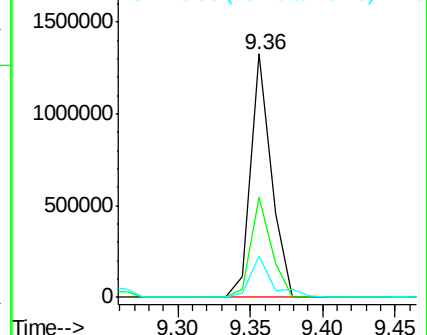
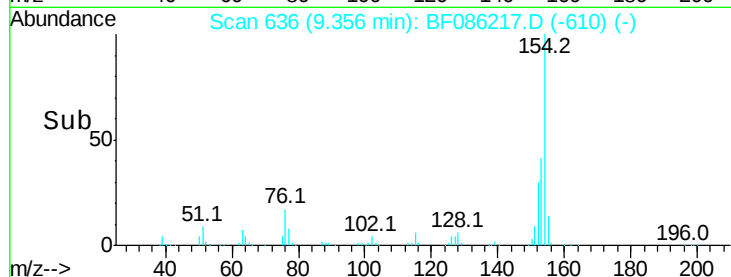
Manual Integrations
APPROVED

Sohil

4/18/2016 7:29:19 PM



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



#46

2-Chloronaphthalene

Concen: 37.10 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

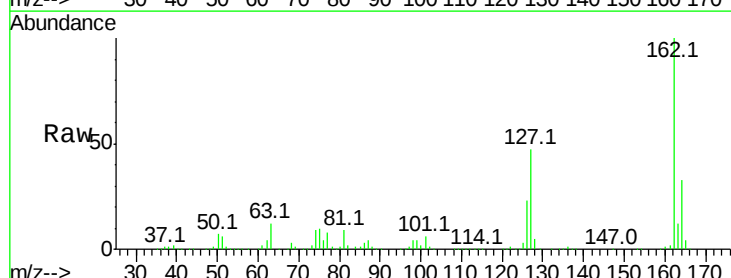
Tgt Ion:162 Resp: 1115174

Ion Ratio Lower Upper

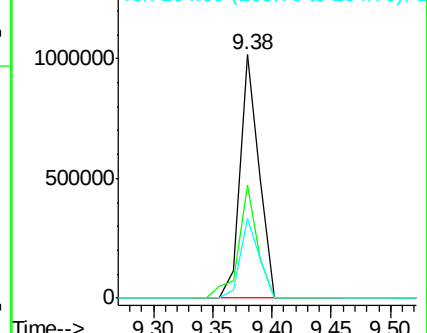
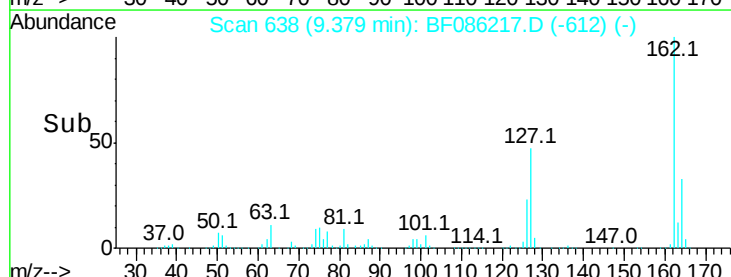
162 100

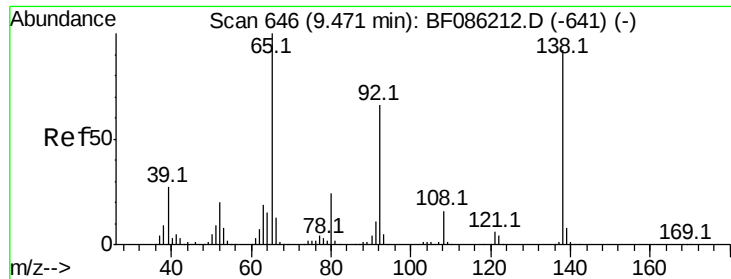
127 46.7 36.7 55.1

164 32.7 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: 36.69 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

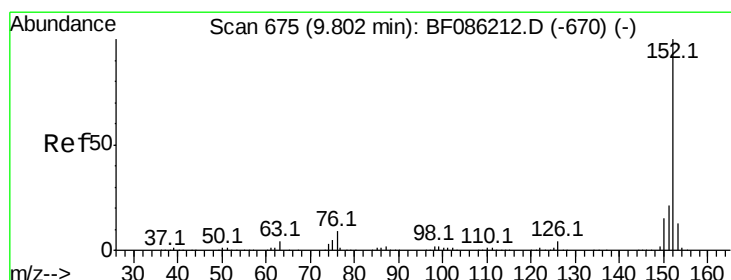
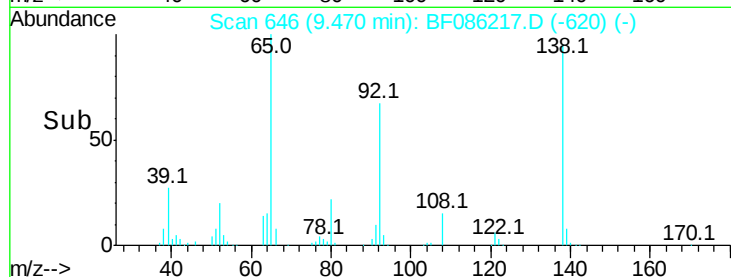
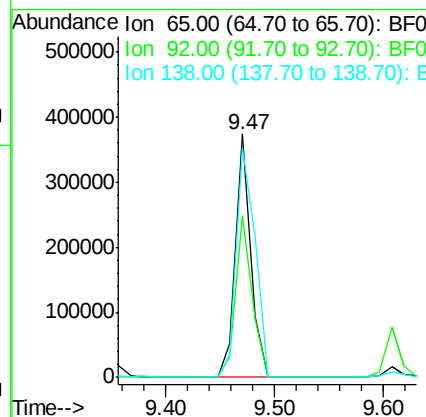
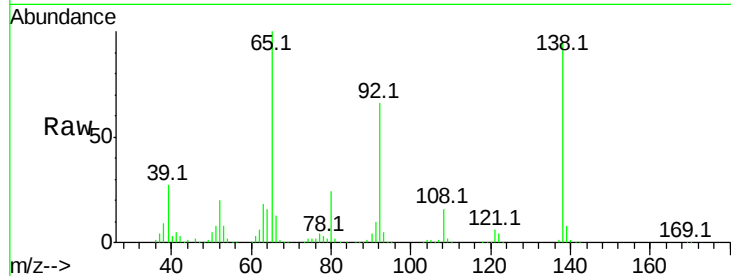
ClientSampleId :

ICVBF041516

Tot Ion:	65	Resp:	357296
Ion Ratio	Lower	Upper	
65	100		
92	66.3	51.9	77.9
138	94.5	72.6	108.8

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



#48

Acenaphthylene

Concen: 40.59 ng

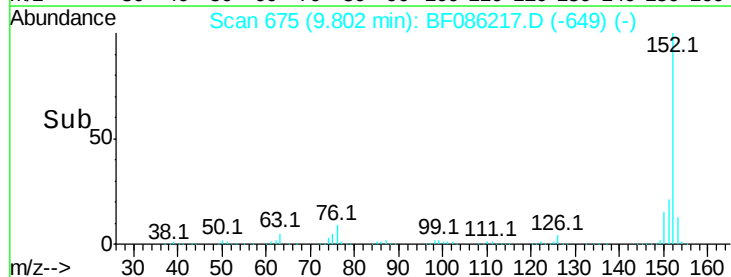
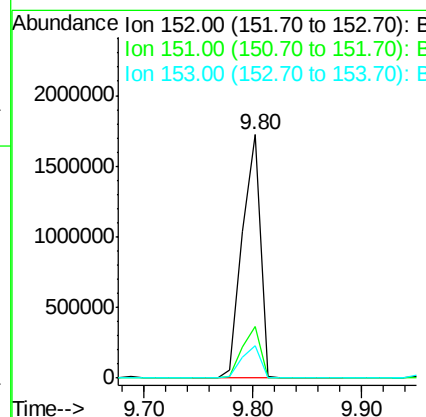
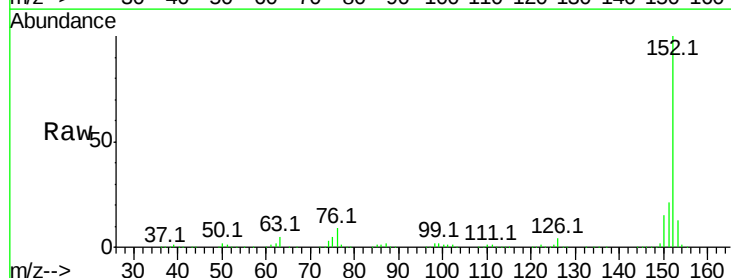
RT: 9.80 min Scan# 675

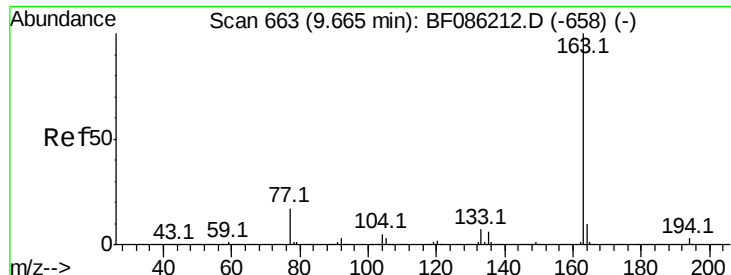
Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:	152	Resp:	1941655
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.2	25.8
153	13.4	10.7	16.1





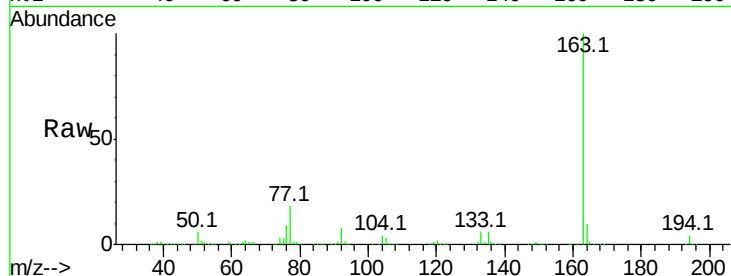
#49
Dimethylphthalate
Concen: 38.19 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

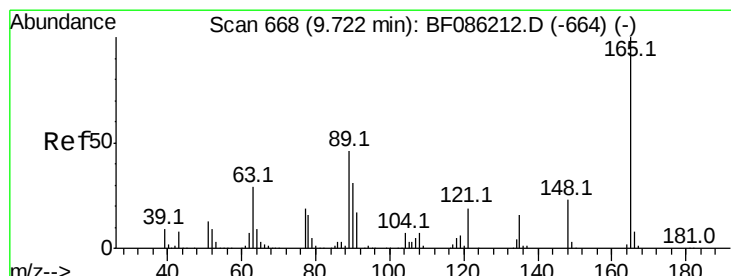
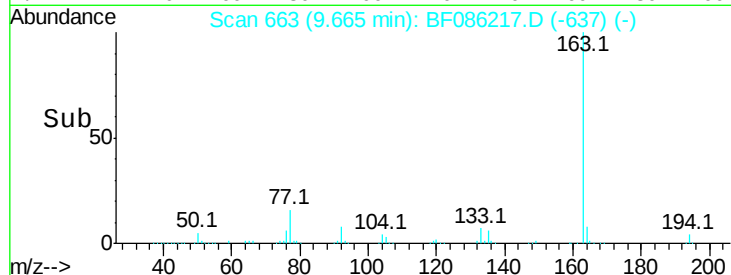
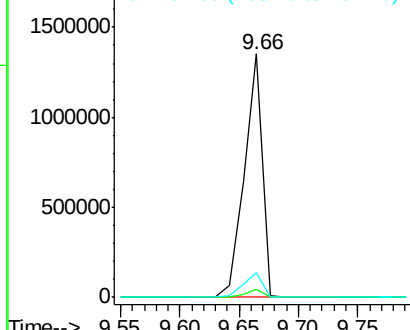
Tot Ion:163 Resp: 1420090
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.1 8.4 12.6

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM

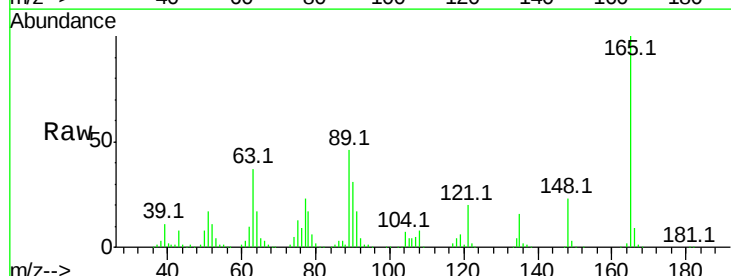


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

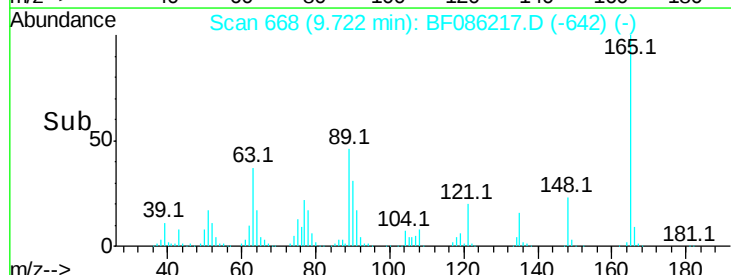
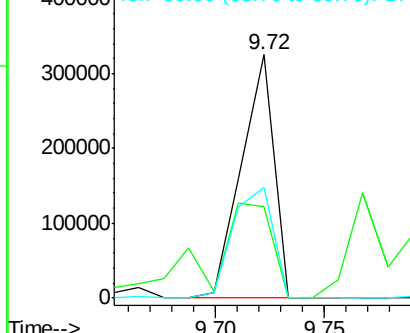


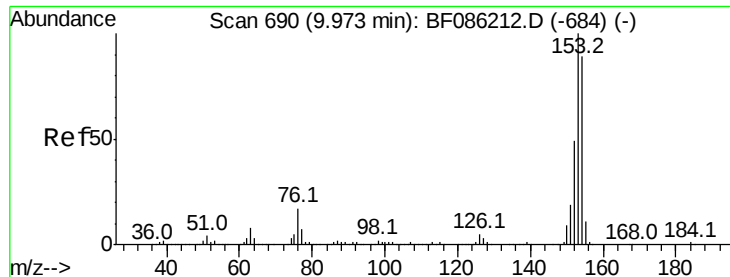
#50
2,6-Dinitrotoluene
Concen: 41.11 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion:165 Resp: 338283
Ion Ratio Lower Upper
165 100
63 37.4 35.1 52.7
89 45.6 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: 40.20 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tot Ion:154 Resp: 1148555

Ion Ratio Lower Upper

154 100

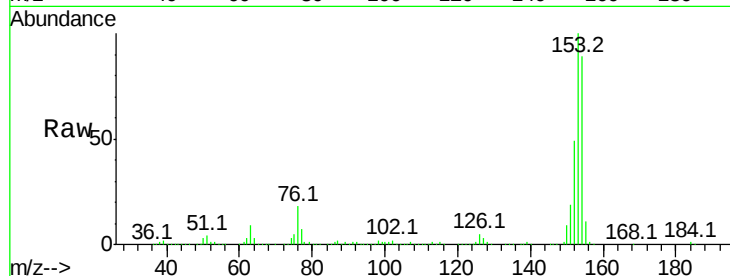
153 112.0 90.0 135.0

152 55.2 44.3 66.5

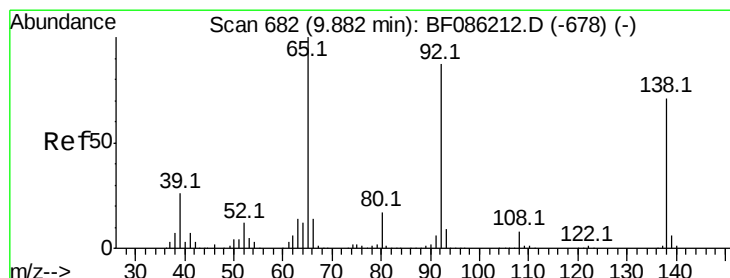
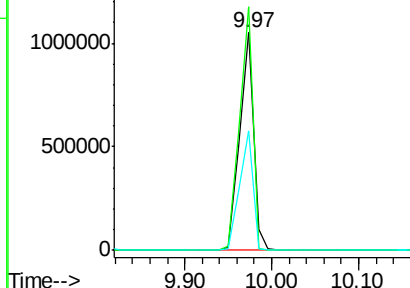
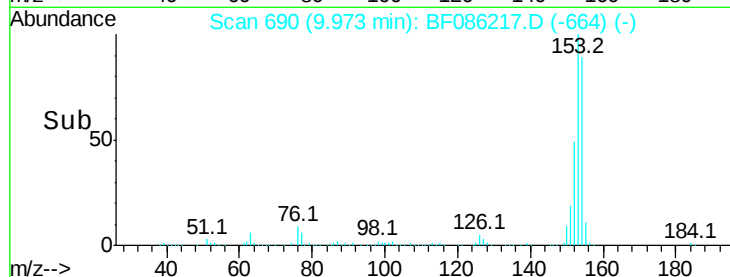
Manual Integrations
APPROVED

Sohil

4/18/2016 7:29:19 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: 33.93 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

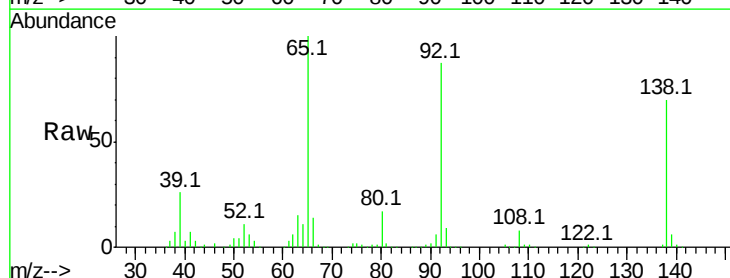
Tgt Ion:138 Resp: 339320

Ion Ratio Lower Upper

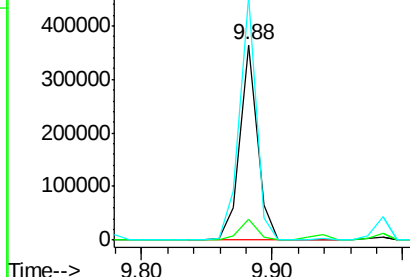
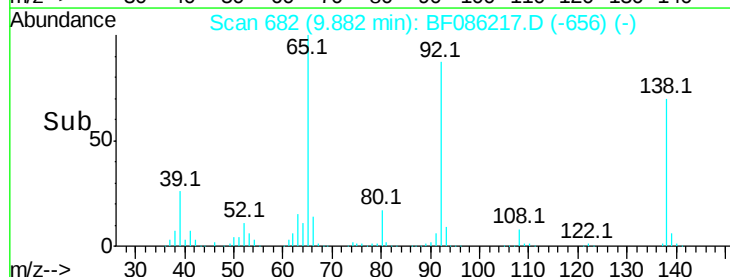
138 100

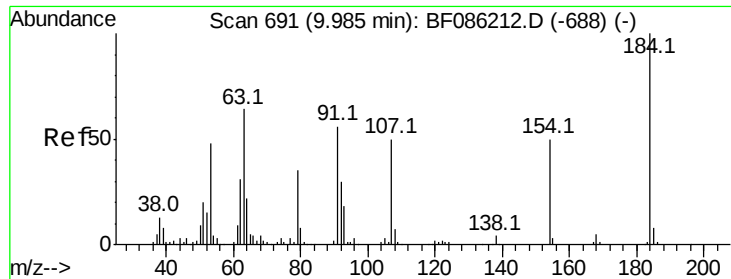
108 11.0 9.0 13.4

92 124.8 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





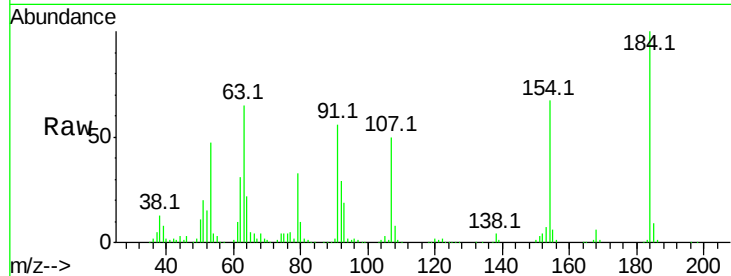
#53
 2,4-Dinitrophenol
 Concen: 41.88 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

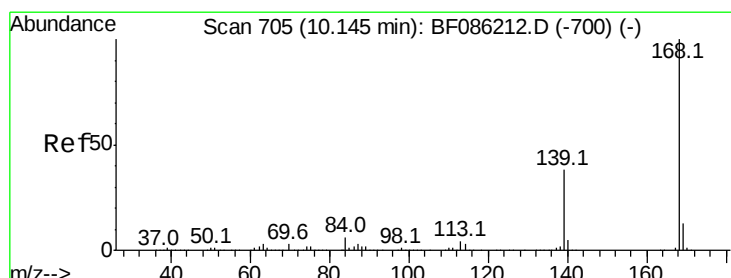
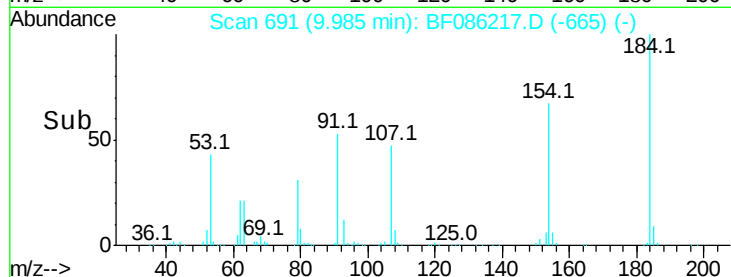
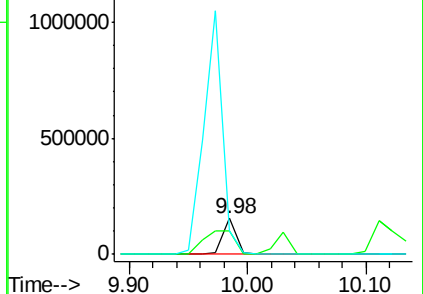
Tot Ion	Ratio	Resp	Lower	Upper
184	100	120950		
63	64.8	64.7	97.1	
154	66.9	59.4	89.2	

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:29:19 PM

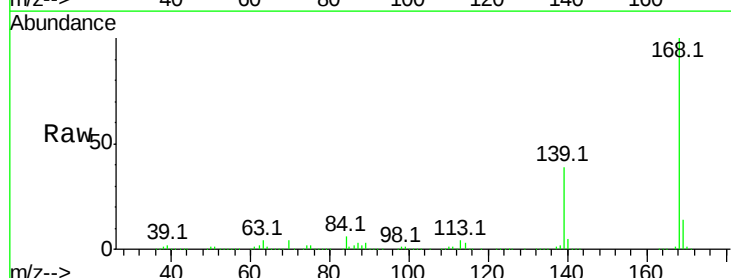


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

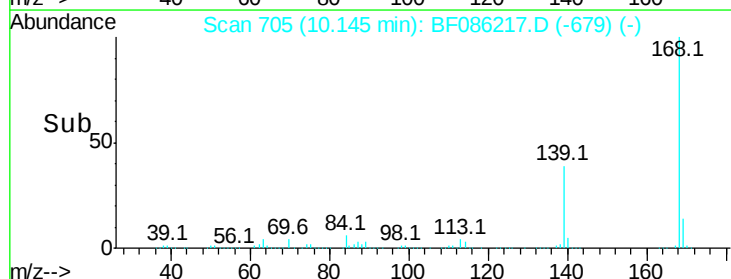
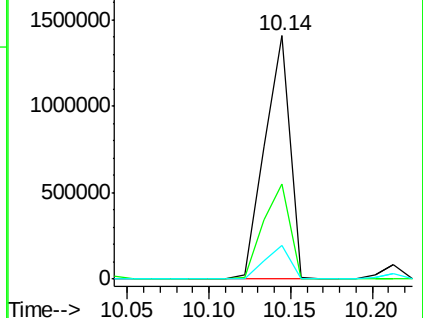


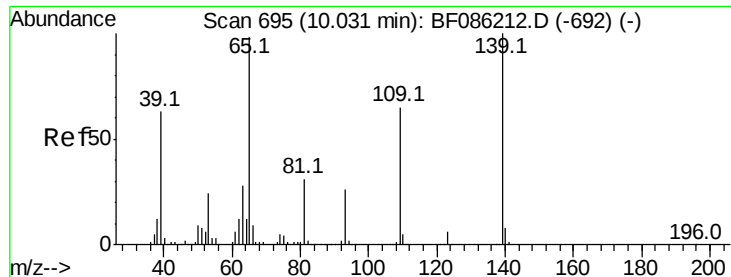
#54
 Dibenzofuran
 Concen: 40.13 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1514235		
139	39.1	29.5	44.3	
169	13.6	10.6	16.0	



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





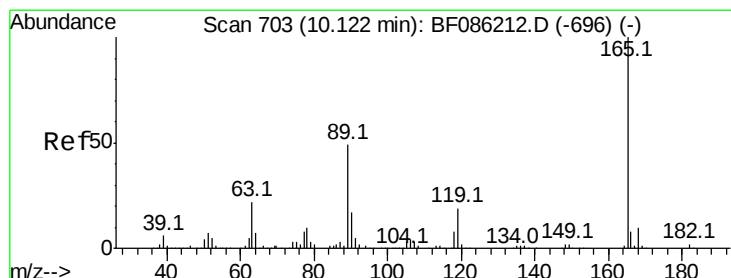
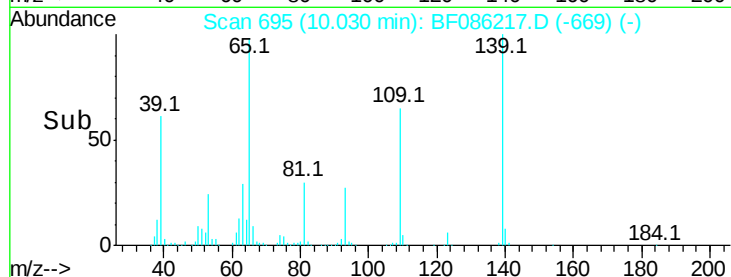
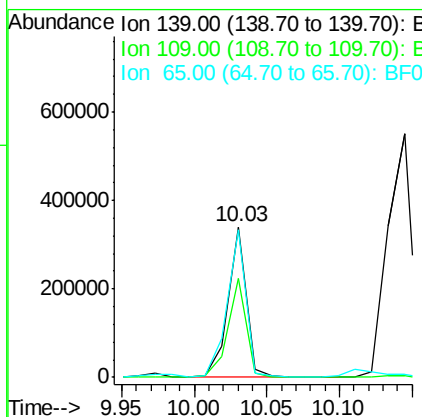
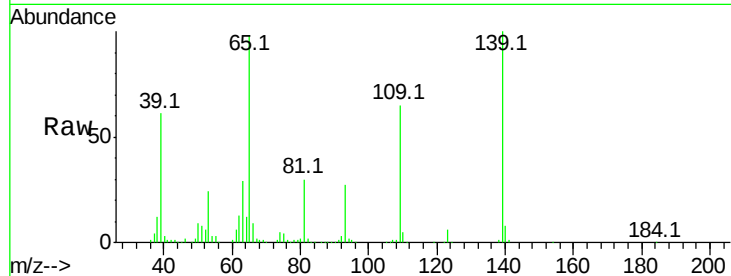
#55
4-Nitrophenol
Concen: 38.45 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.4	55.0	95.0
65	97.8	87.3	127.3

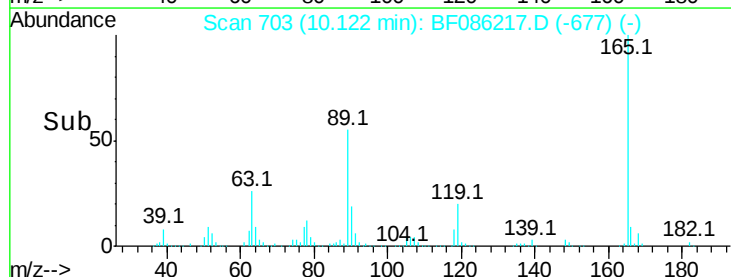
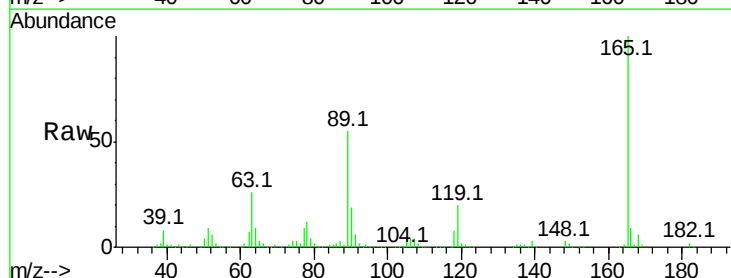
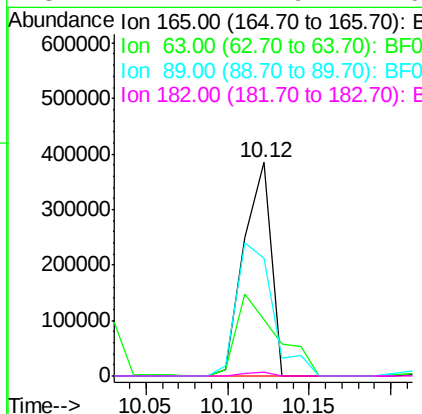
Manual Integrations
APPROVED

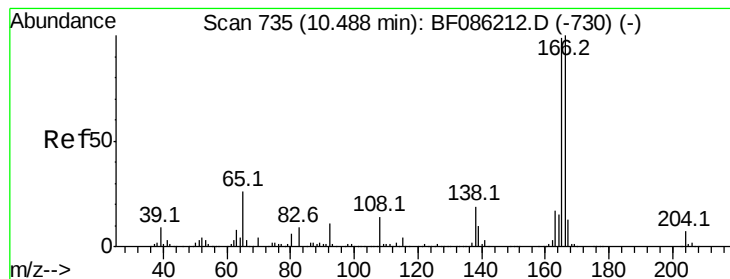
Sohil
4/18/2016 7:29:19 PM



#56
2,4-Dinitrotoluene
Concen: 42.27 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.2	26.6	40.0#
89	55.1	49.5	74.3
182	2.1	1.9	2.9





#57

Fluorene

Concen: 40.52 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tot Ion:166 Resp: 1054376

Ion Ratio Lower Upper

166 100

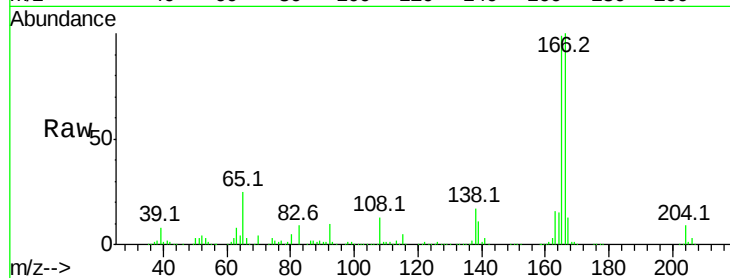
165 99.1 78.6 117.8

167 12.9 10.4 15.6

Manual Integrations
APPROVED

Sohil

4/18/2016 7:29:19 PM

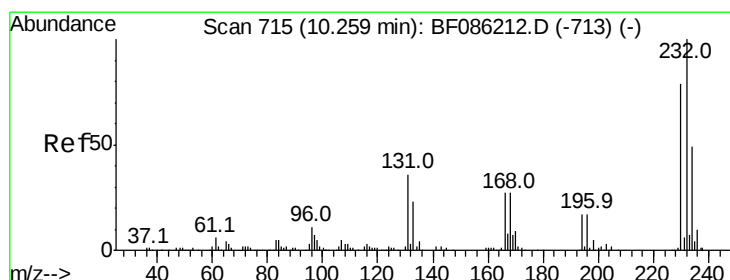
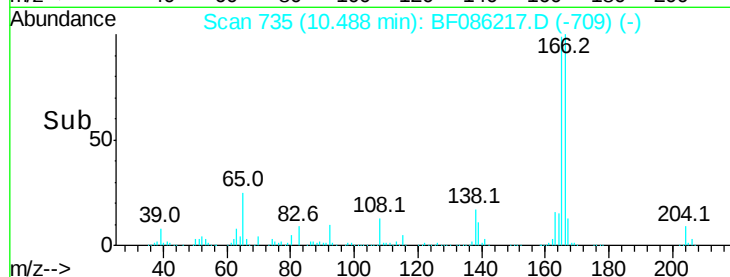
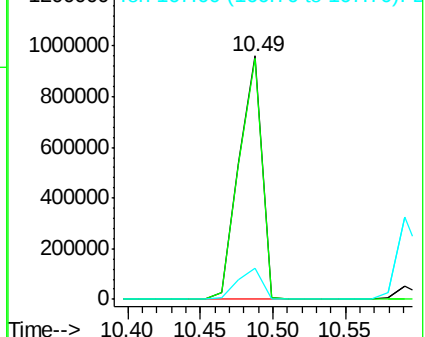


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.35 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:232 Resp: 264043

Ion Ratio Lower Upper

232 100

131 59.2 46.6 70.0

130 2.8 2.5 3.7

166 36.6 28.3 42.5

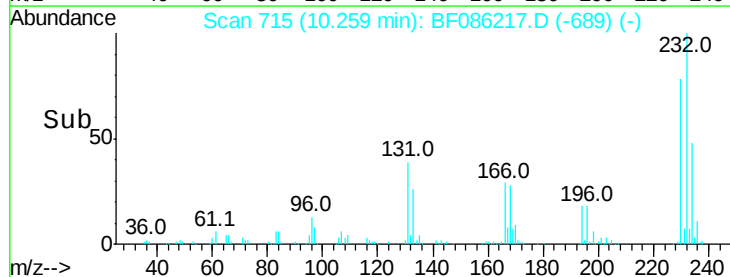
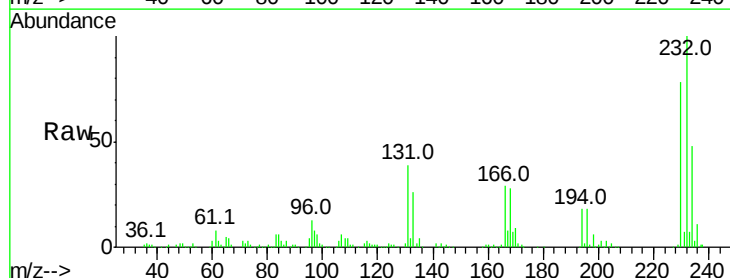
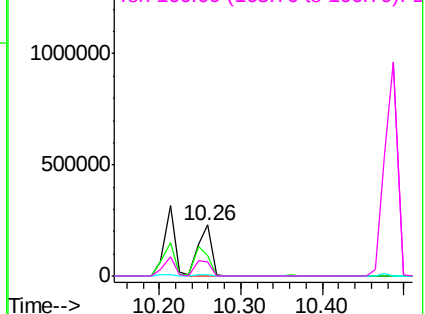
Abundance

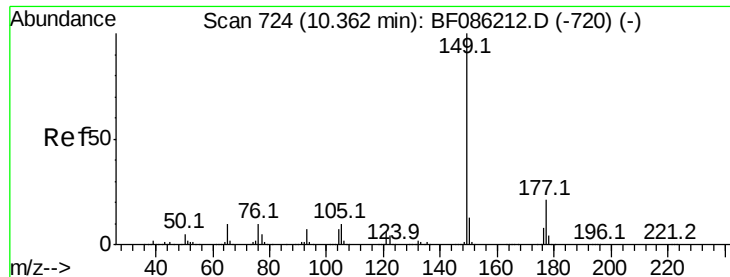
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





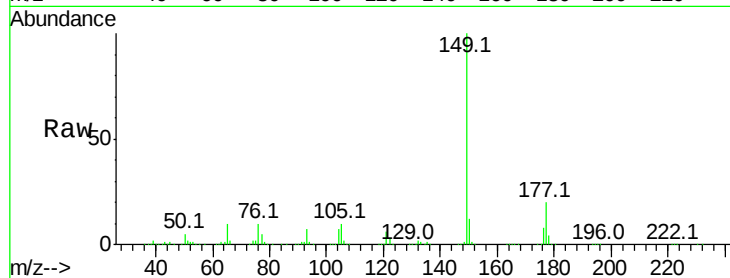
#59
Diethylphthalate
Concen: 36.08 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

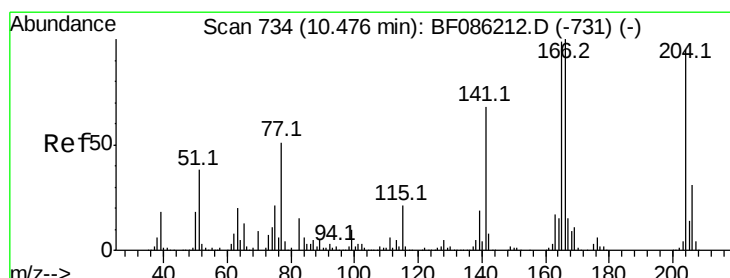
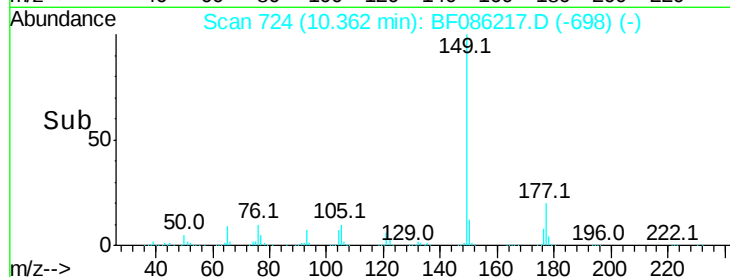
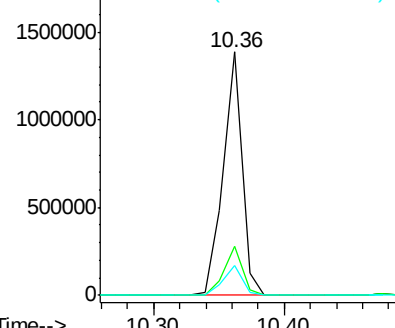
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.0	25.6
150	12.4	10.2	15.4

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM

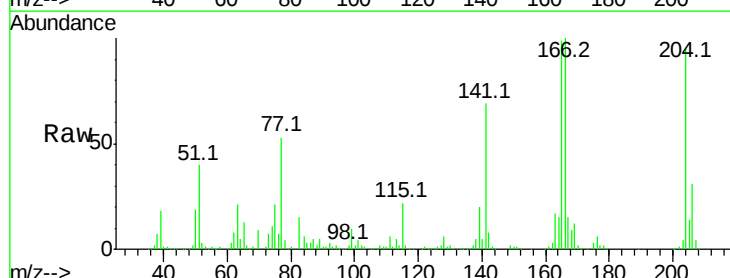


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

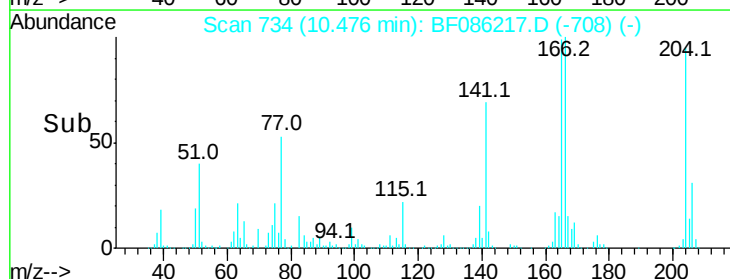
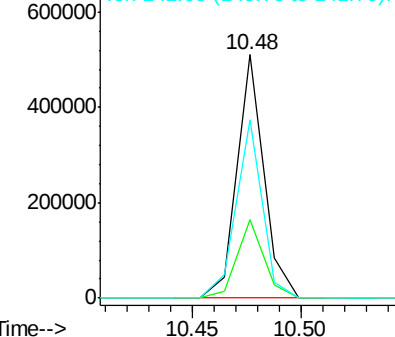


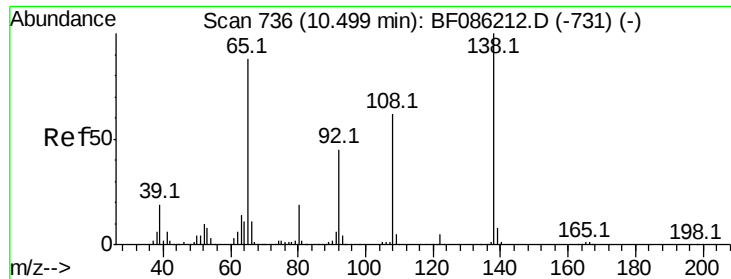
#60
4-Chlorophenyl-phenylether
Concen: 39.63 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	73.3	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





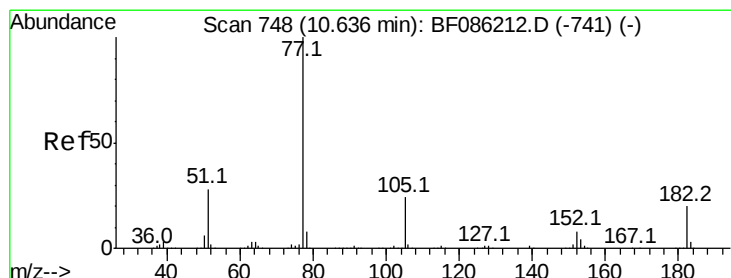
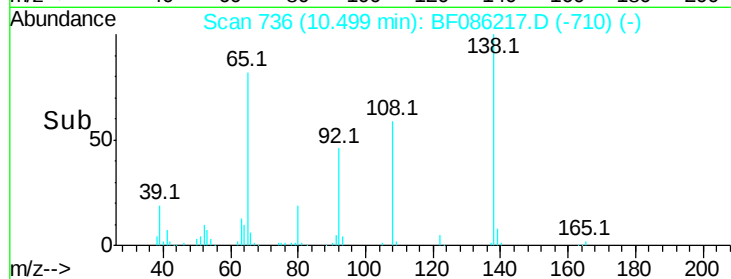
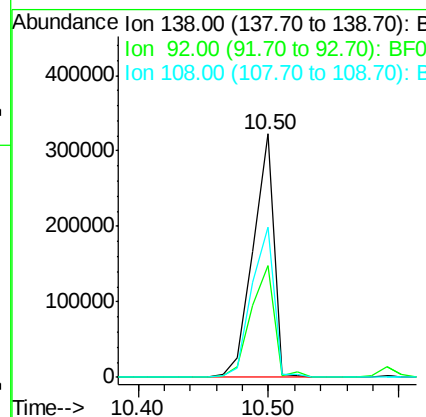
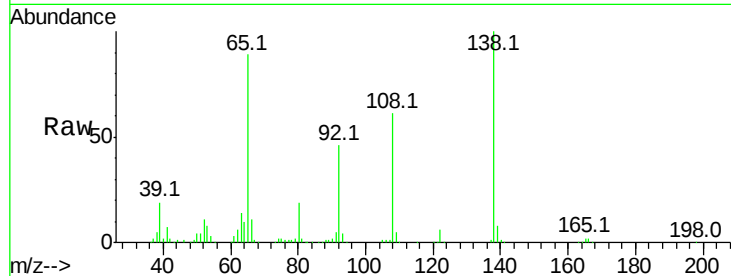
#61
4-Nitroaniline
Concen: 41.88 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.9	31.9	71.9
108	61.5	58.7	98.7

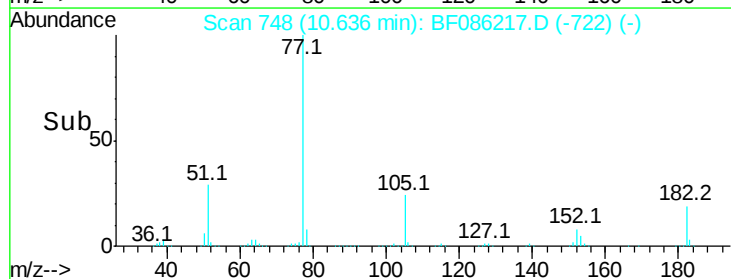
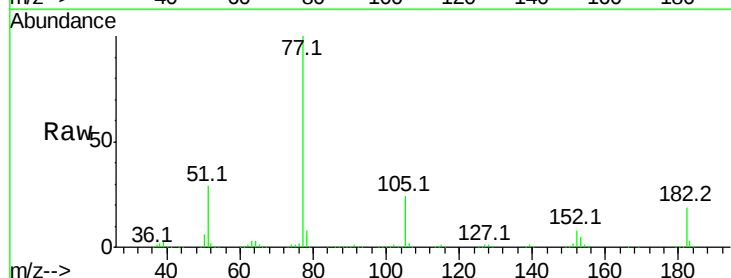
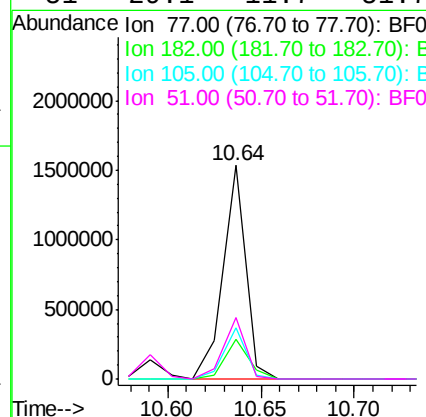
Manual Integrations
APPROVED

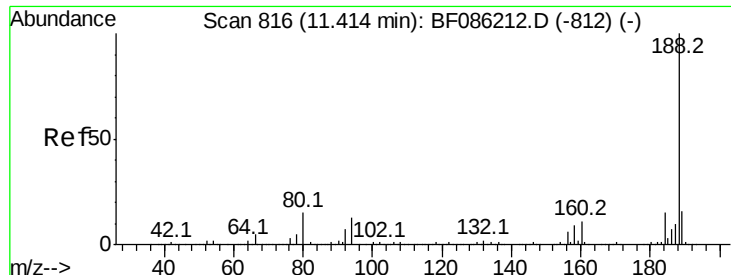
Sohil
4/18/2016 7:29:19 PM



#62
Azobenzene
Concen: 34.81 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	2.3	42.3
105	23.9	3.4	43.4
51	29.1	11.7	51.7





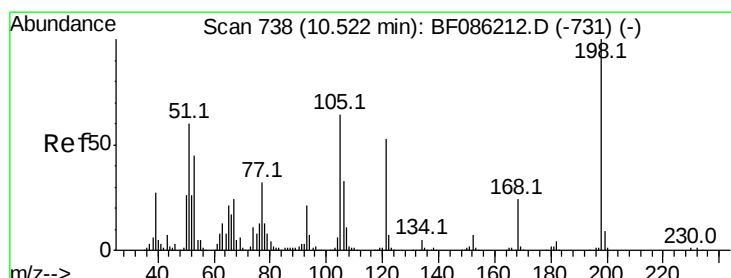
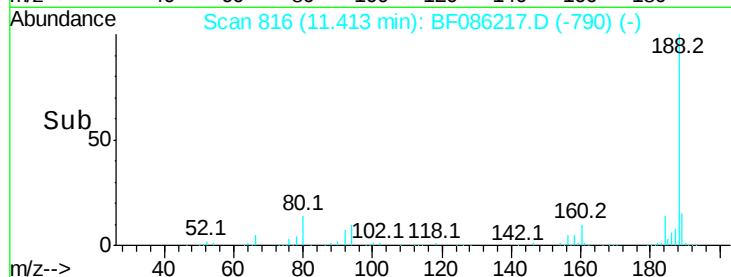
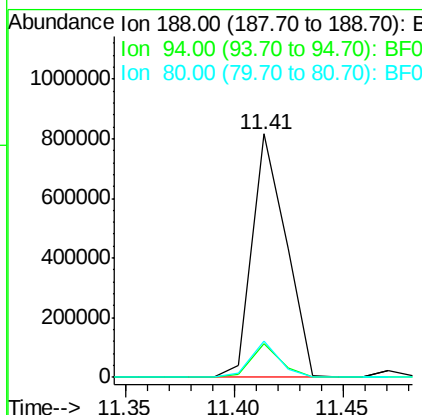
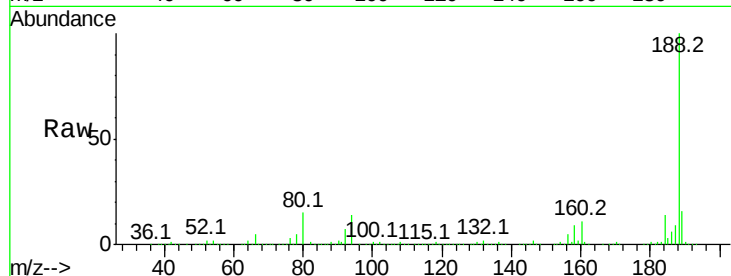
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tot Ion	Ratio	Resp	Lower	Upper
188	100	887798		
94	13.6		9.8	14.8
80	14.8		10.5	15.7

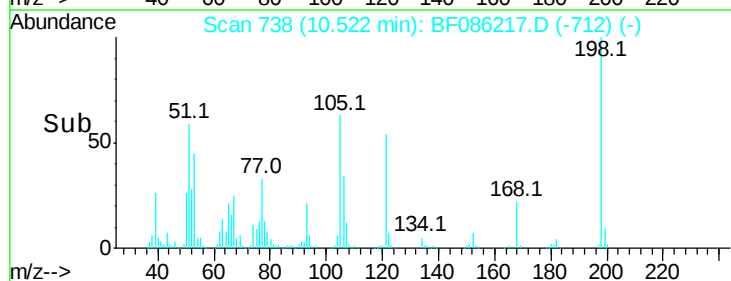
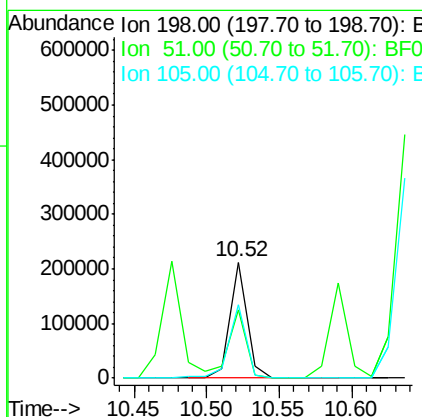
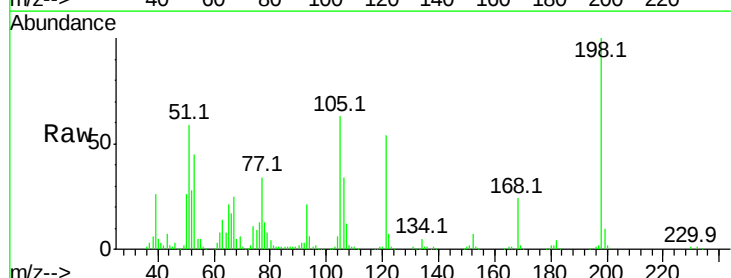
Manual Integrations
APPROVED

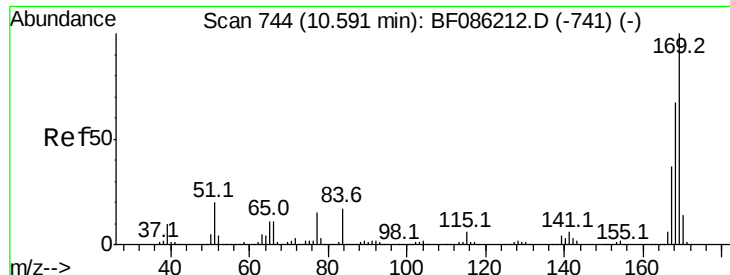
Sohil
4/18/2016 7:29:19 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.40 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	174930		
51	58.8		56.5	96.5
105	63.3		48.0	88.0





#65

n-Nitrosodiphenylamine

Concen: 36.49 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

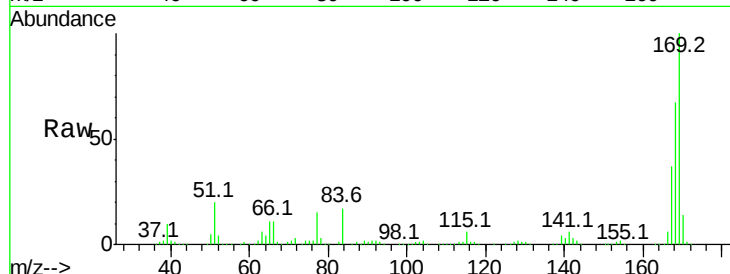
ClientSampleId :

ICVBF041516

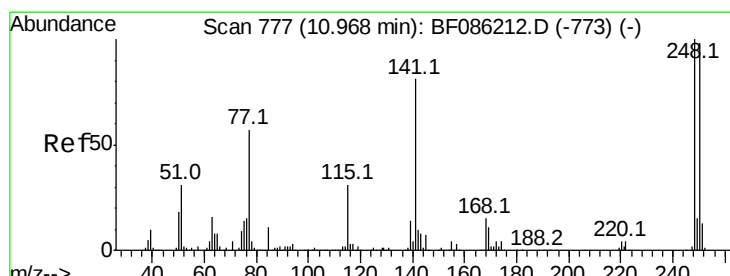
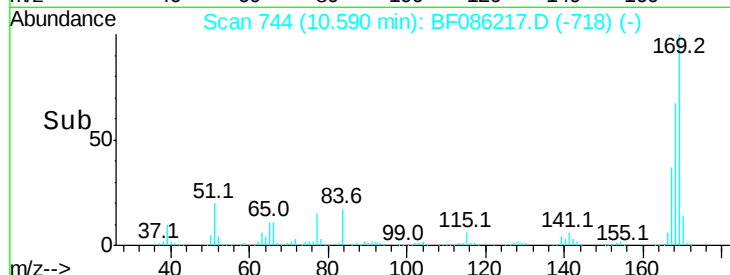
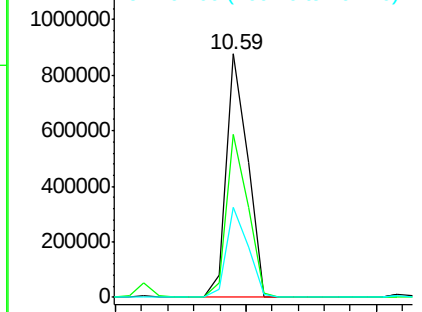
Tot Ion:	169	Resp:	992056
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.3	81.5
167	36.9	30.2	45.2

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



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



#66

4-Bromophenyl-phenylether

Concen: 37.57 ng

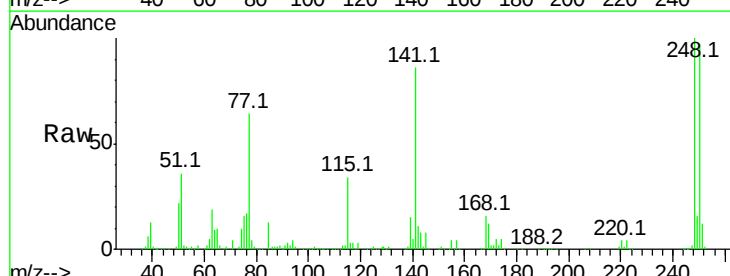
RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

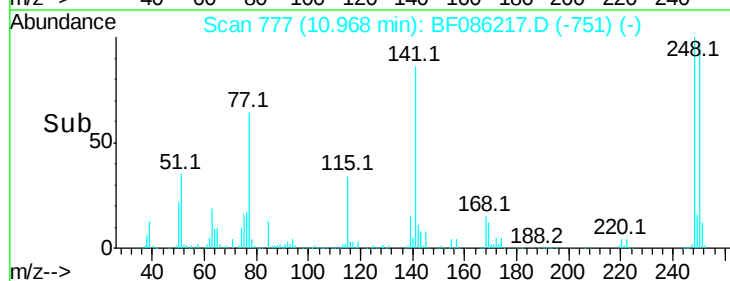
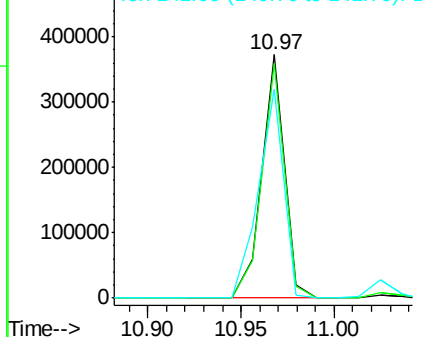
Lab File: BF086217.D

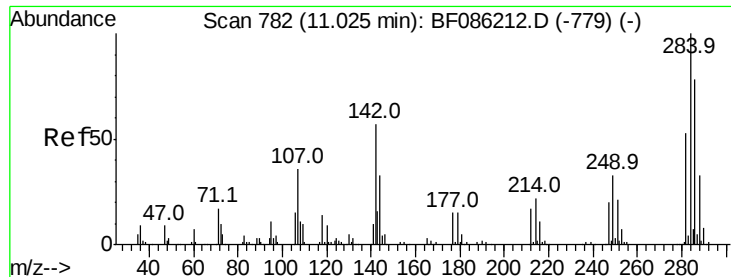
Acq: 15 Apr 2016 15:20

Tgt Ion:	248	Resp:	310833
Ion Ratio	Lower	Upper	
248	100		
250	96.6	78.6	118.0
141	86.0	57.9	86.9



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





#67

Hexachlorobenzene

Concen: 38.70 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

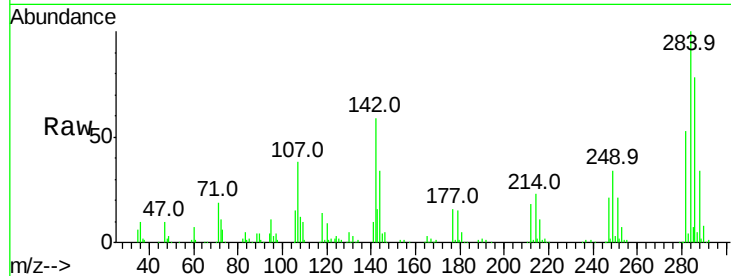
ClientSampleId :

ICVBF041516

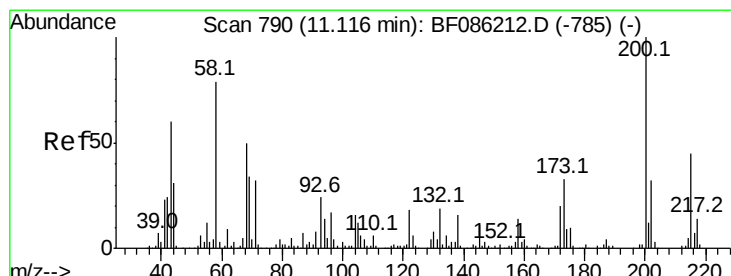
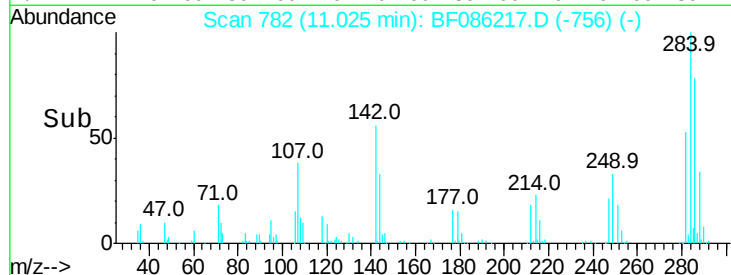
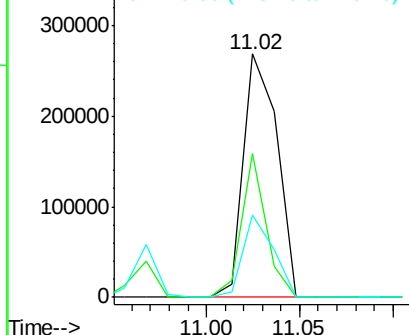
Tot Ion:	284	Resp:	335509
Ion Ratio	Lower	Upper	
284	100		
142	58.8	42.6	64.0
249	33.8	25.9	38.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



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



#68

Atrazine

Concen: 38.83 ng

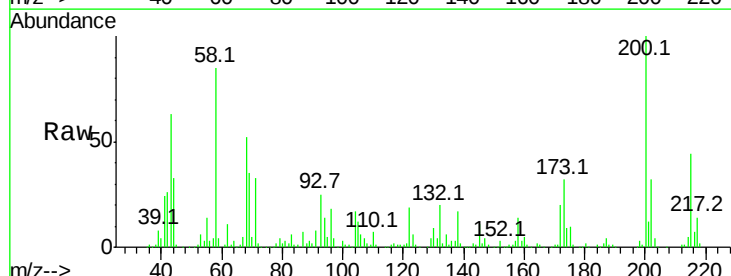
RT: 11.12 min Scan# 790

Delta R.T. -0.00 min

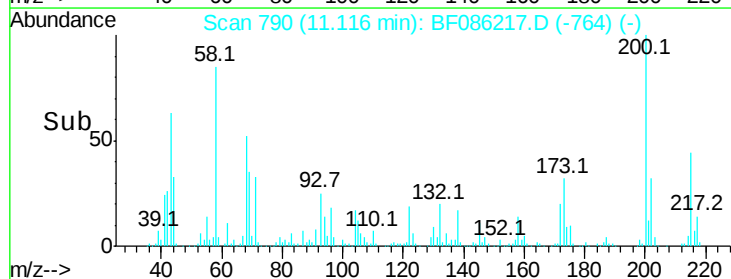
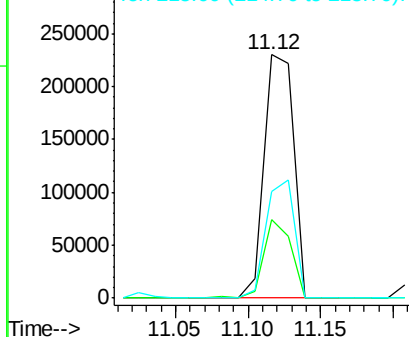
Lab File: BF086217.D

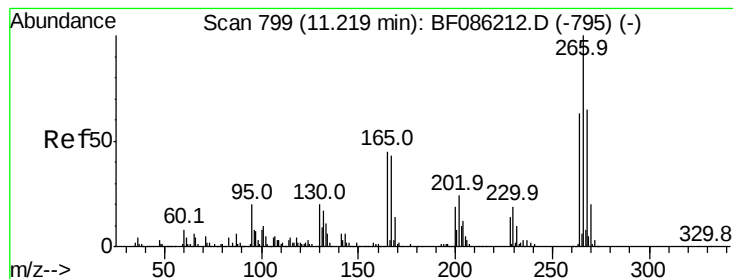
Acq: 15 Apr 2016 15:20

Tgt Ion:	200	Resp:	323504
Ion Ratio	Lower	Upper	
200	100		
173	32.4	11.2	51.2
215	44.0	24.0	64.0



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





#69

Pentachlorophenol

Concen: 41.41 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

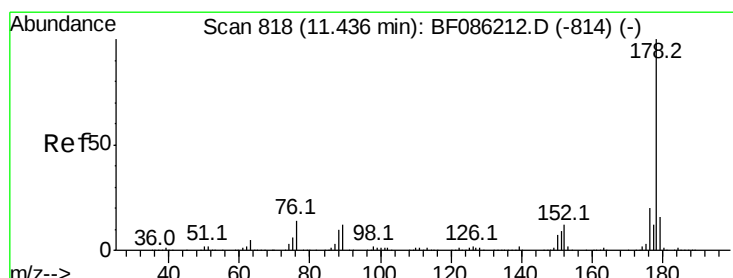
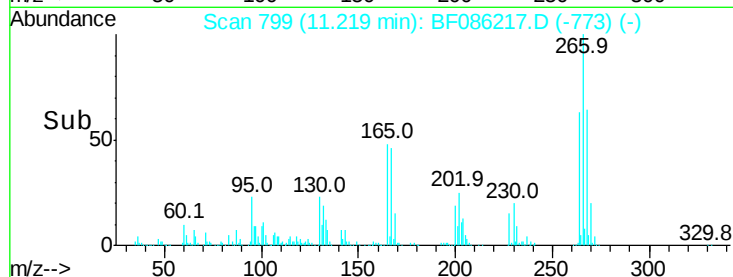
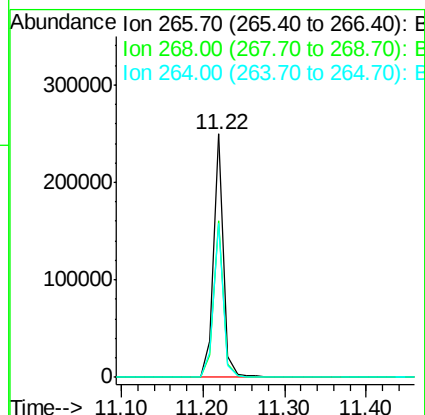
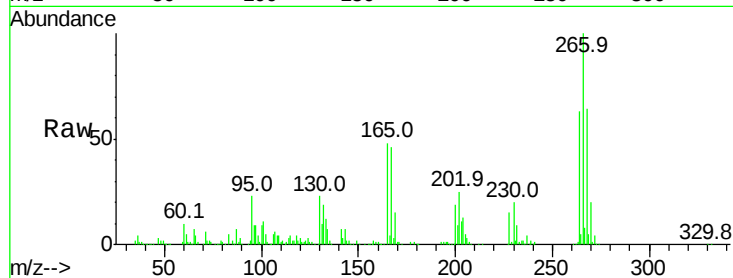
ClientSampleId :

ICVBF041516

Tot Ion:	266	Resp:	217719
Ion Ratio	Lower	Upper	
266	100		
268	64.5	53.0	79.4
264	63.2	51.3	76.9

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



#70

Phenanthrene

Concen: 39.60 ng

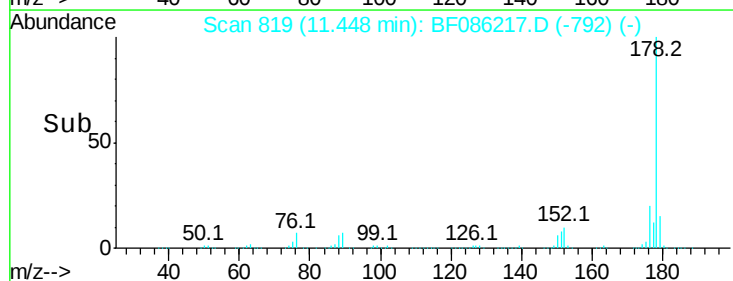
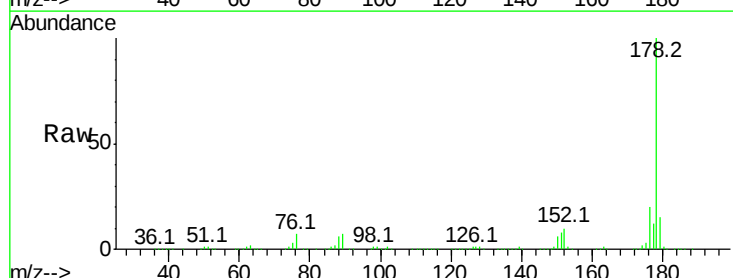
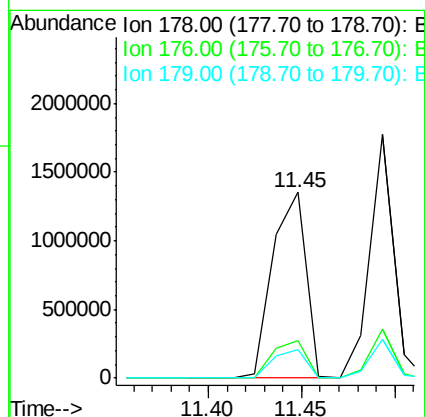
RT: 11.45 min Scan# 819

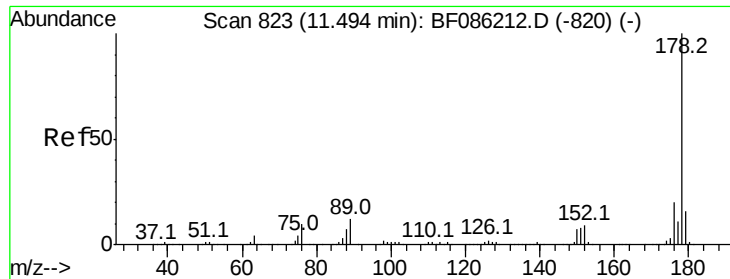
Delta R.T. 0.01 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:	178	Resp:	1679379
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.3	24.5
179	15.4	13.0	19.6





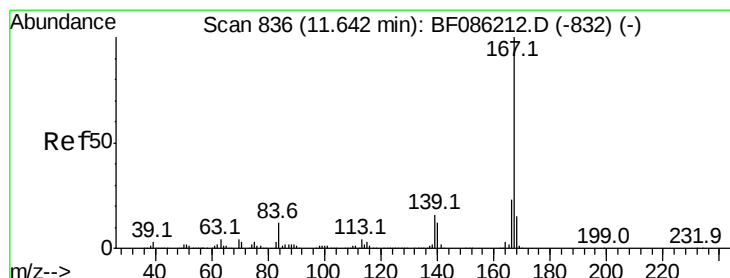
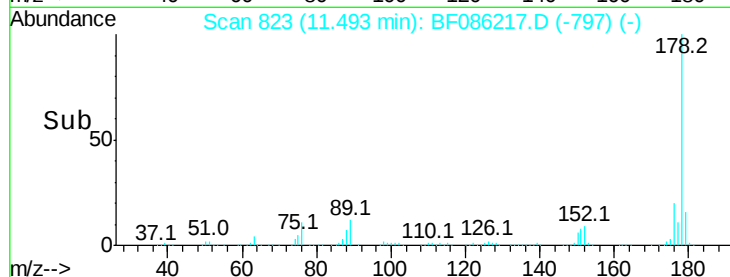
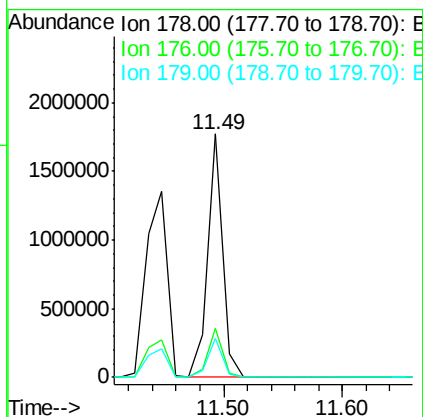
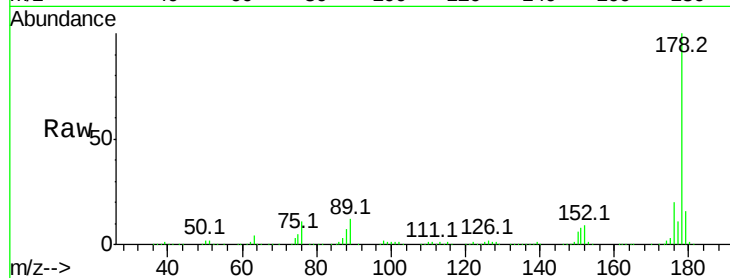
#71
 Anthracene
 Concen: 35.88 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tot Ion:178 Resp: 1553344
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.9 13.2 19.8

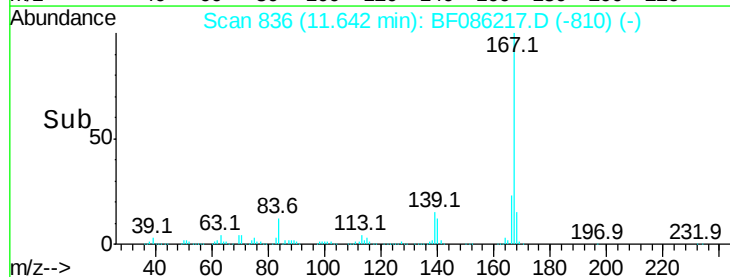
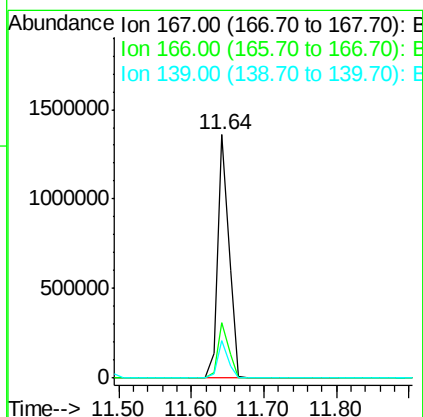
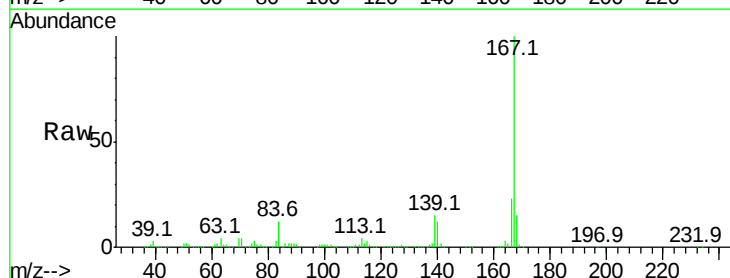
Manual Integrations
 APPROVED

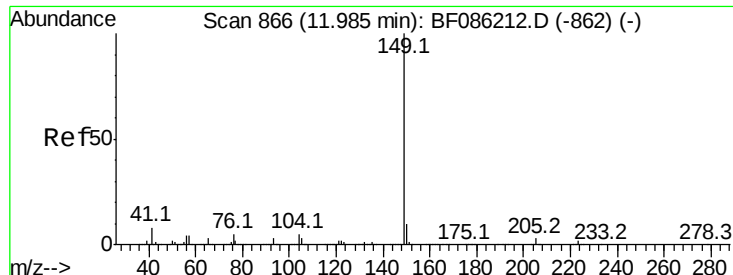
Sohil
 4/18/2016 7:29:19 PM



#72
 Carbazole
 Concen: 36.08 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:167 Resp: 1455121
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.3 27.5
 139 15.5 12.3 18.5





#73

Di-n-butylphthalate

Concen: 35.30 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

ClientSampleId :

ICVBF041516

Tot Ion:149 Resp: 1925003

Ion Ratio Lower Upper

149 100

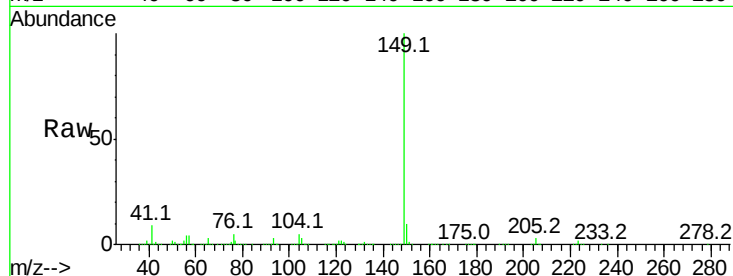
150 9.9 7.8 11.8

104 5.4 4.1 6.1

Manual Integrations
APPROVED

Sohil

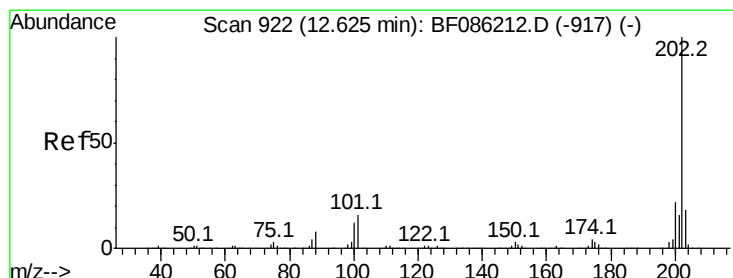
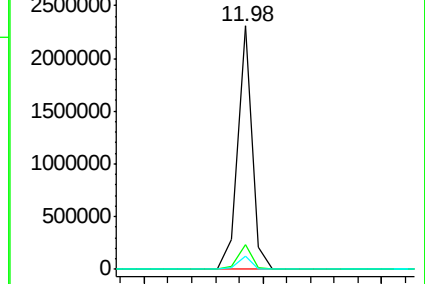
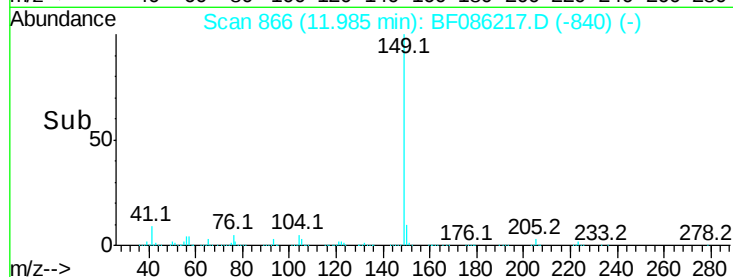
4/18/2016 7:29:19 PM



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: 40.12 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

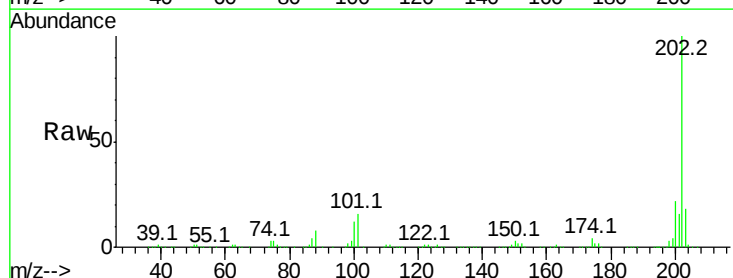
Tgt Ion:202 Resp: 1486612

Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.2

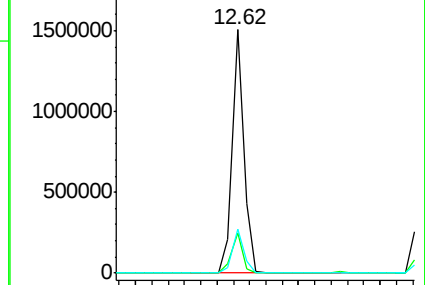
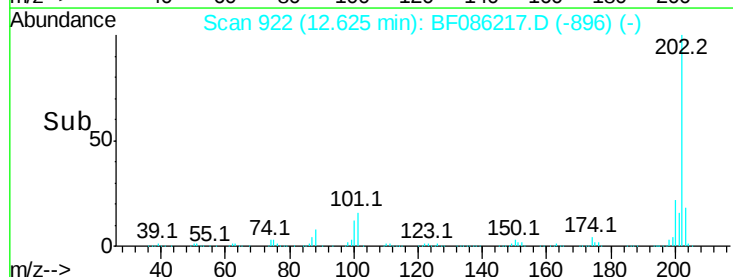
203 18.2 0.0 38.2

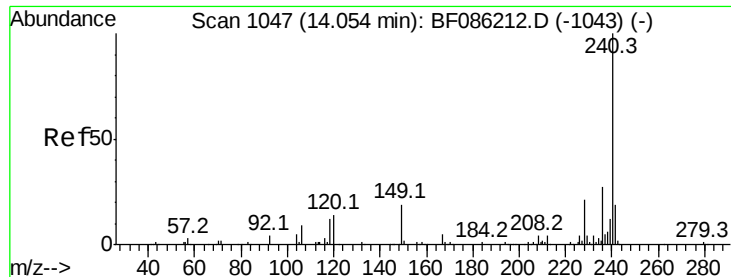


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

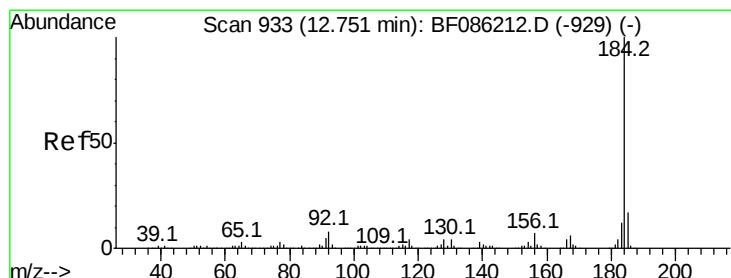
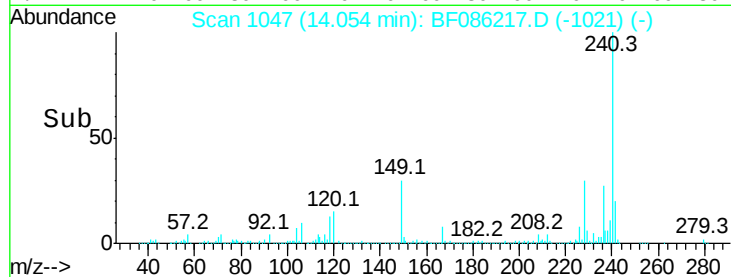
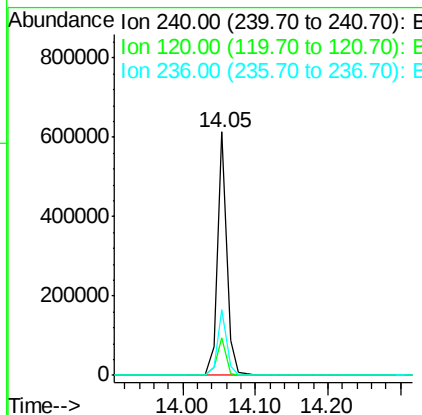
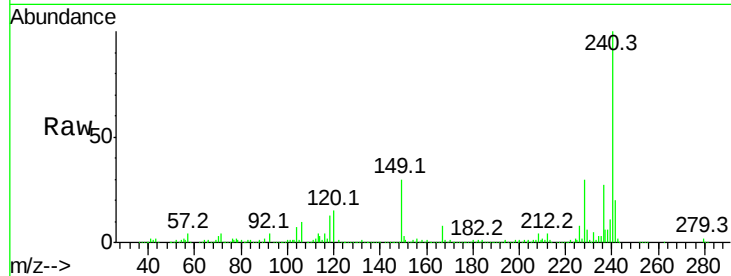
ClientSampleId :

ICVBF041516

Tot Ion	Ratio	Resp	Lower	Upper
240	100	544709		
120	15.2	9.3	13.9#	
236	27.2	21.1	31.7	

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



#76

Benzidine

Concen: 45.10 ng

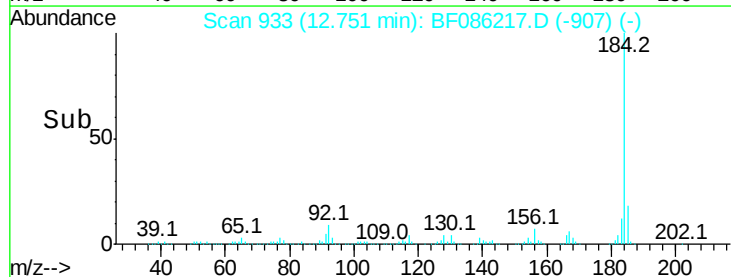
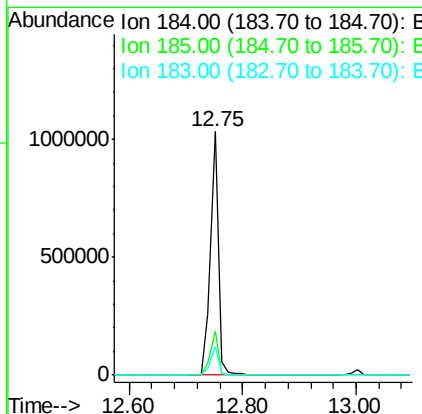
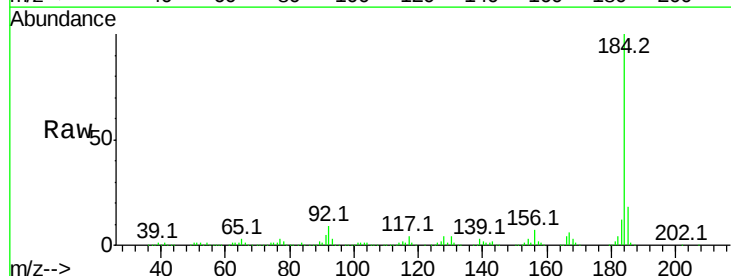
RT: 12.75 min Scan# 933

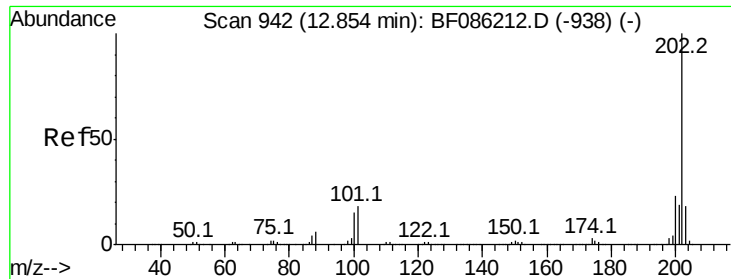
Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	952937		
185	17.8	14.2	21.2	
183	12.0	9.8	14.6	





#77

Pvrene

Concen: 37.03 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

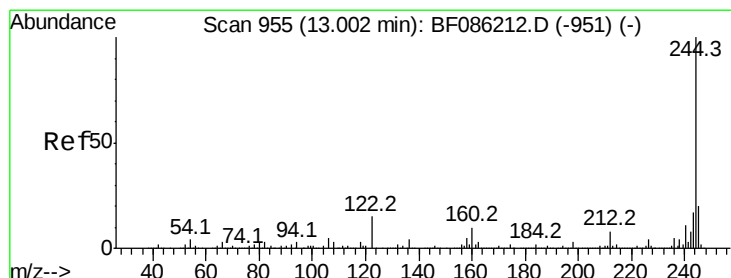
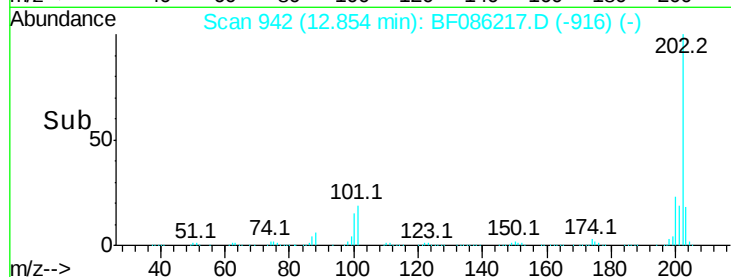
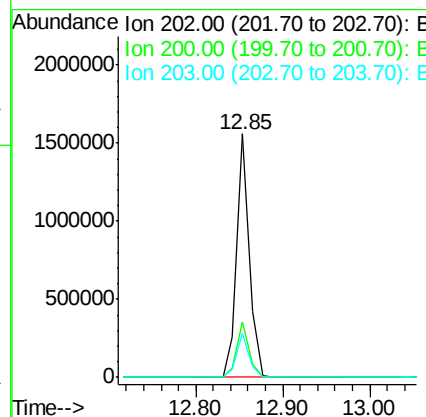
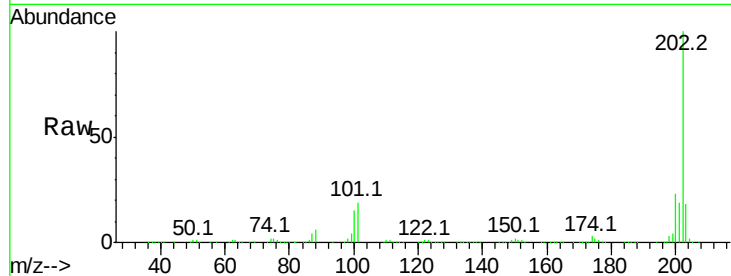
ClientSampleId :

ICVBF041516

Tot Ion:	202	Resp:	1547321
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.3	27.5
203	18.3	14.9	22.3

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



#78

Terphenyl-d14

Concen: 73.38 ng

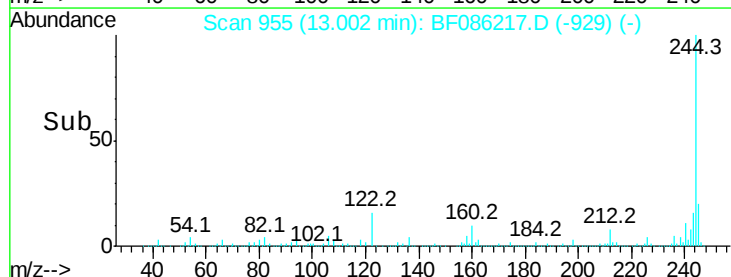
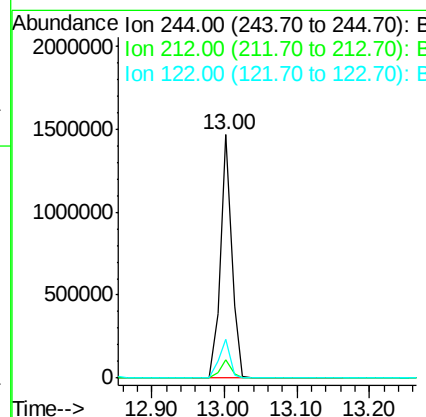
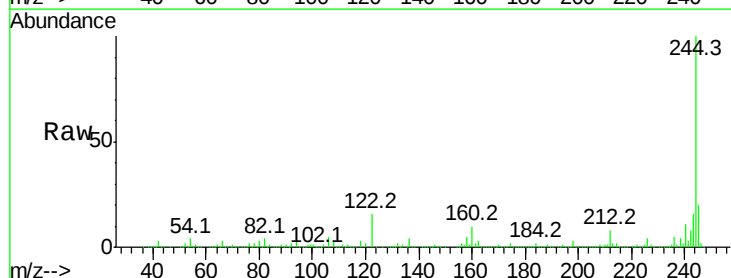
RT: 13.00 min Scan# 955

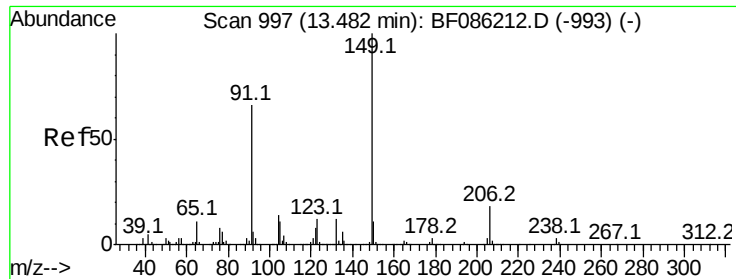
Delta R.T. 0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:	244	Resp:	1589484
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.4	9.6
122	16.1	11.7	17.5





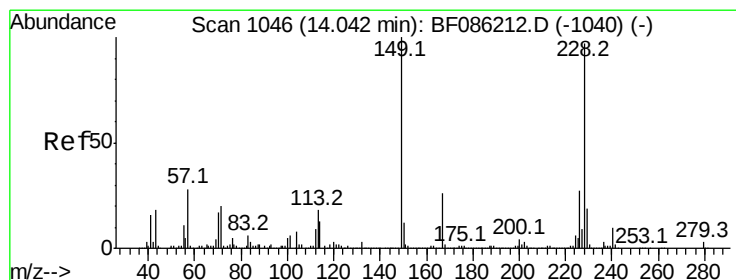
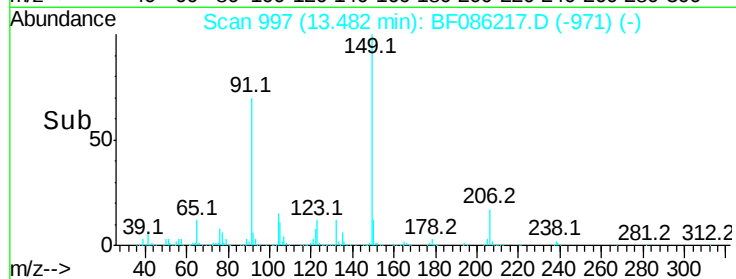
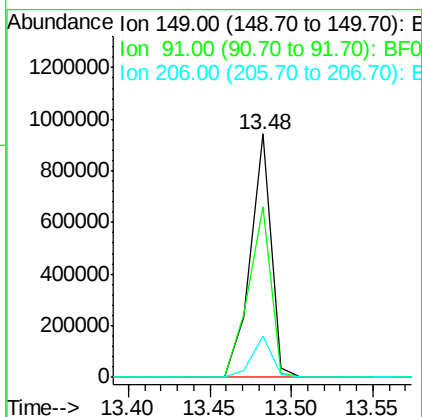
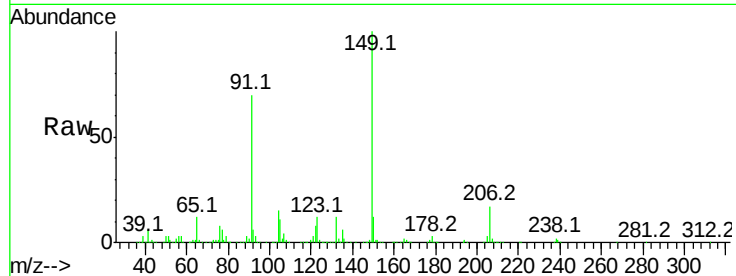
#79
Butylbenzylphthalate
Concen: 43.19 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tot Ion	Ratio	Resp	Lower	Upper
149	100	833799		
91	69.9	48.7	73.1	
206	17.3	15.7	23.5	

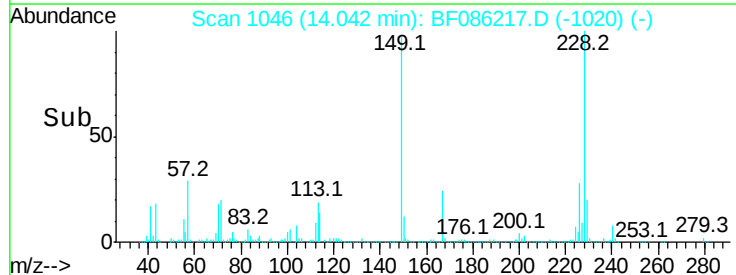
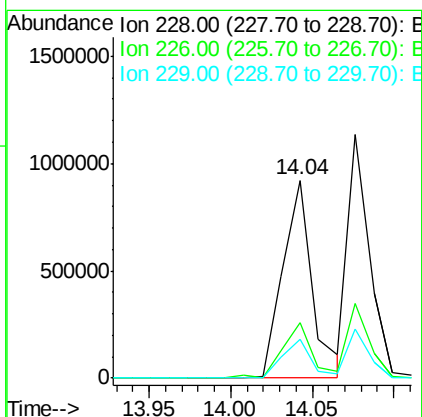
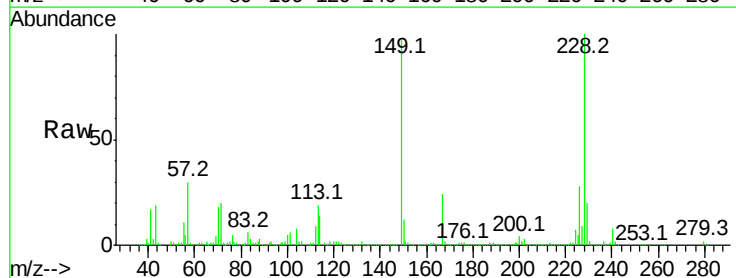
Manual Integrations
APPROVED

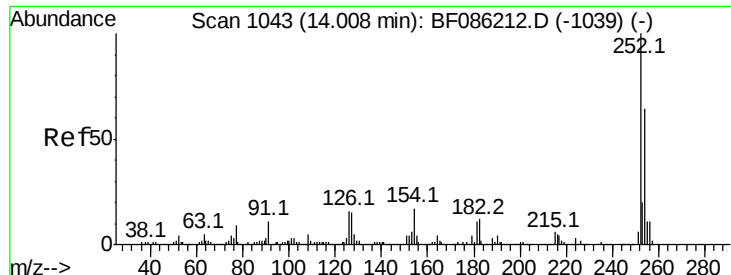
Sohil
4/18/2016 7:29:19 PM



#80
Benzo(a)anthracene
Concen: 38.84 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1161484		
226	28.1	22.5	33.7	
229	19.9	16.2	24.2	





#81

3,3'-Dichlorobenzidine

Concen: 38.23 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

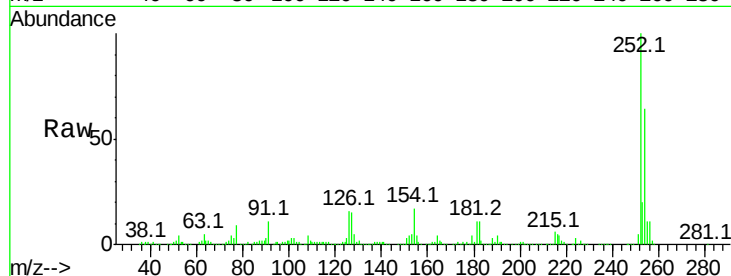
ClientSampleId :

ICVBF041516

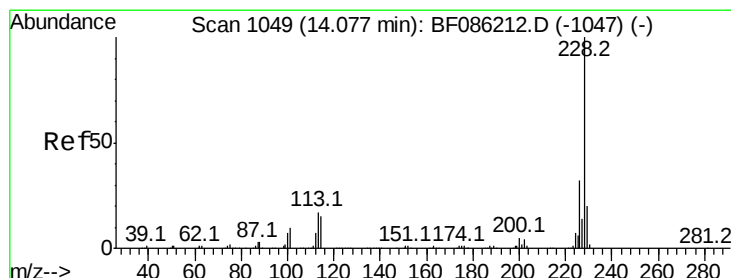
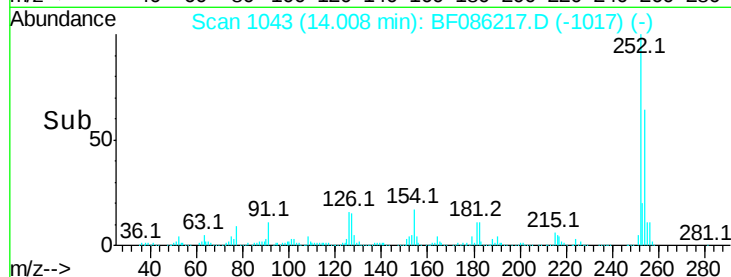
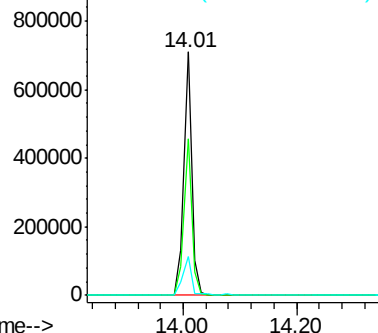
Tot Ion:	252	Resp:	662594
Ion Ratio	Lower	Upper	
252	100		
254	64.2	52.1	78.1
126	15.8	13.2	19.8

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



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: 34.34 ng

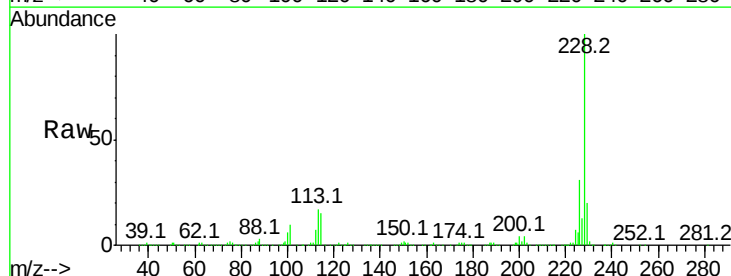
RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

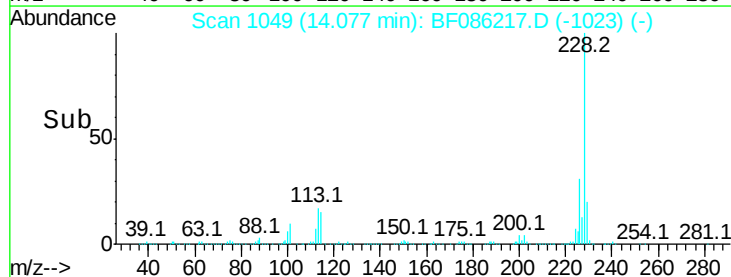
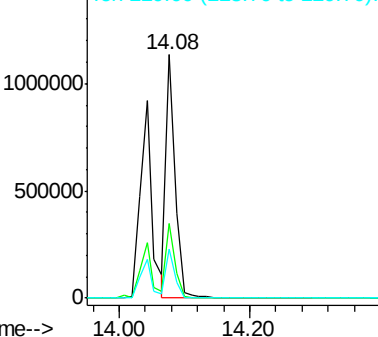
Lab File: BF086217.D

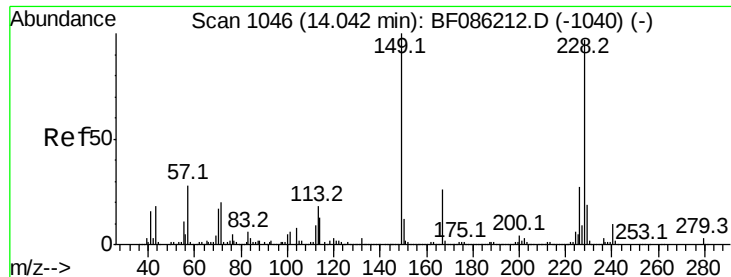
Acq: 15 Apr 2016 15:20

Tgt Ion:	228	Resp:	1094898
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.4	38.2
229	19.9	16.5	24.7



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





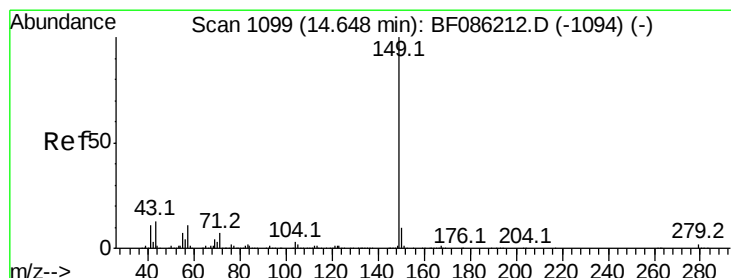
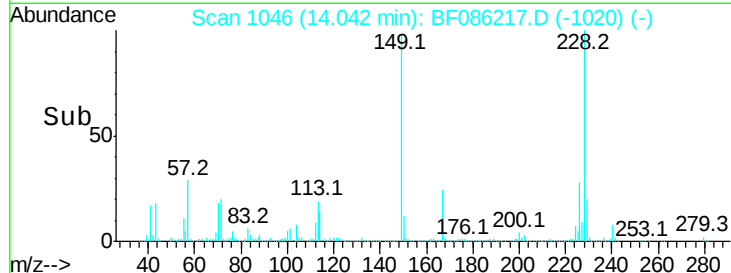
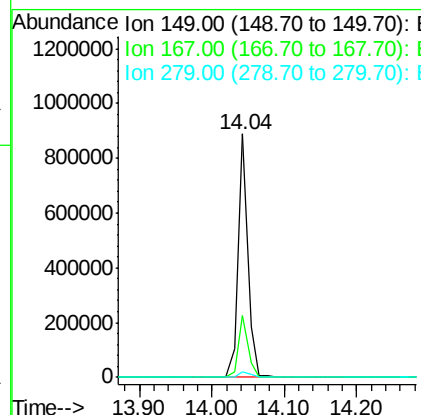
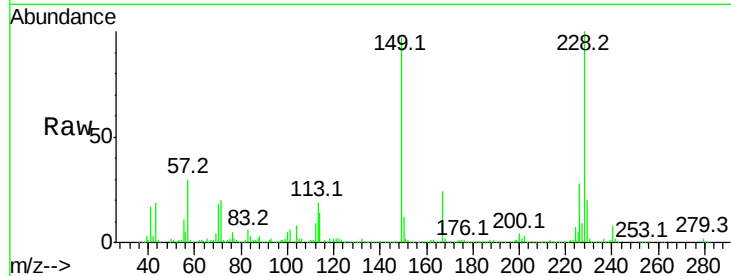
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.46 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tot Ion:	149	Resp:	822465
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.0	31.4
279	2.2	2.4	3.6#

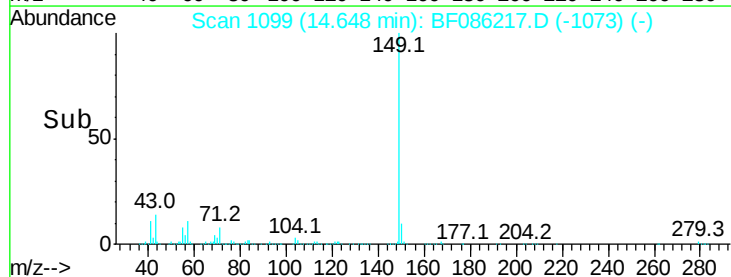
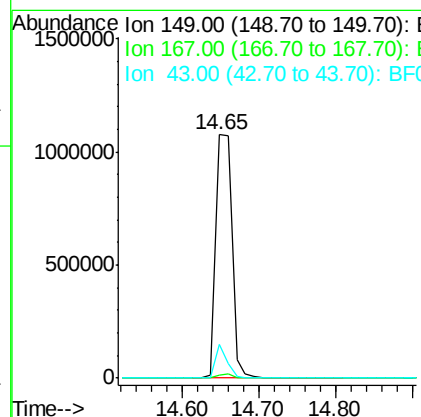
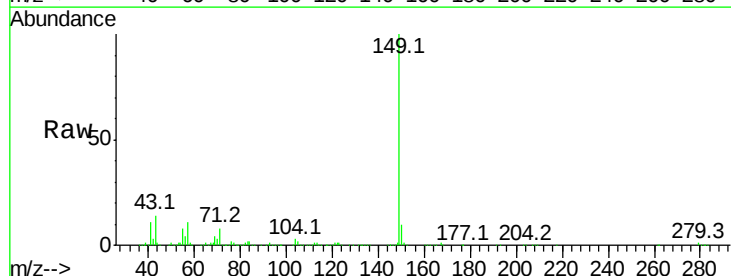
Manual Integrations
 APPROVED

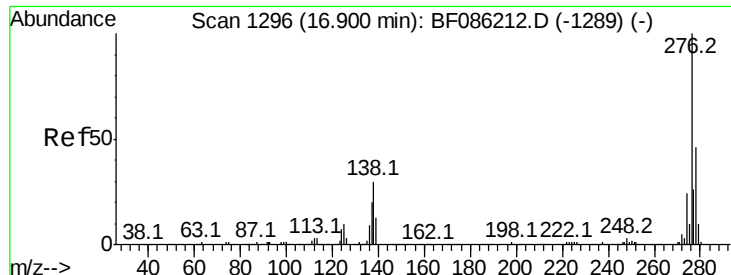
Sohil
 4/18/2016 7:29:19 PM



#84
 Di-n-octyl phthalate
 Concen: 38.95 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion:	149	Resp:	1565023
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	10.0	9.1	13.7





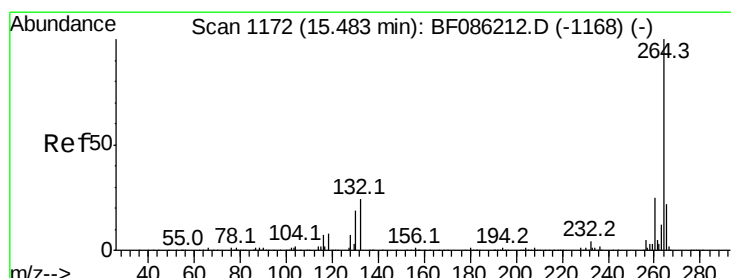
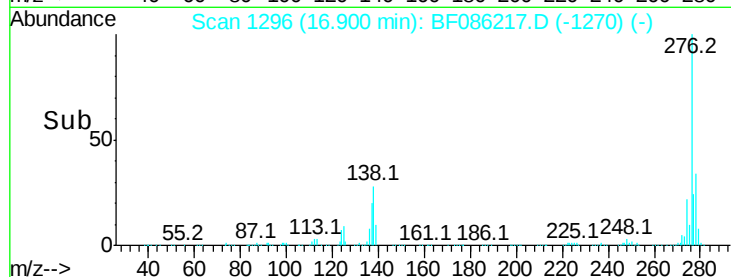
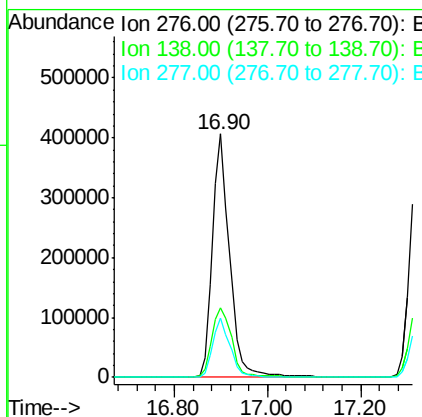
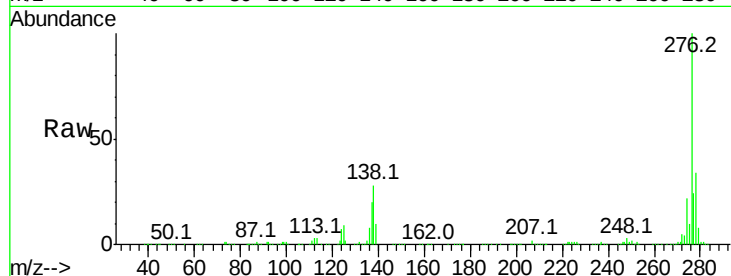
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.07 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	23.8	35.6
277	25.1	20.2	30.2

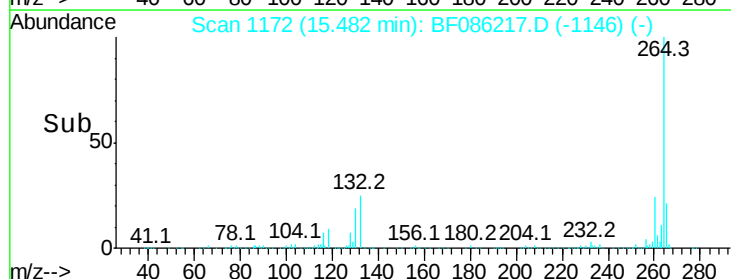
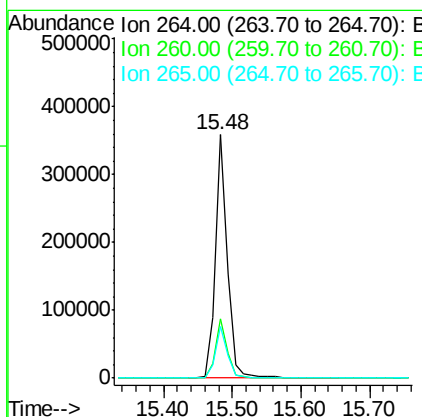
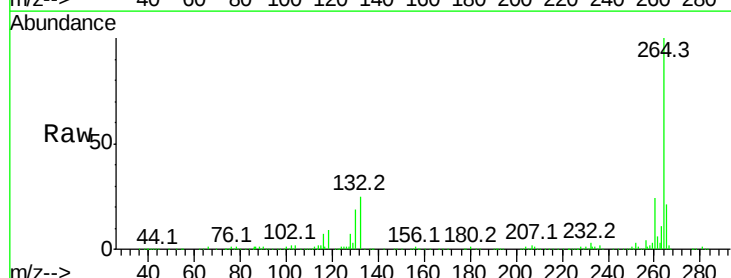
Manual Integrations
 APPROVED

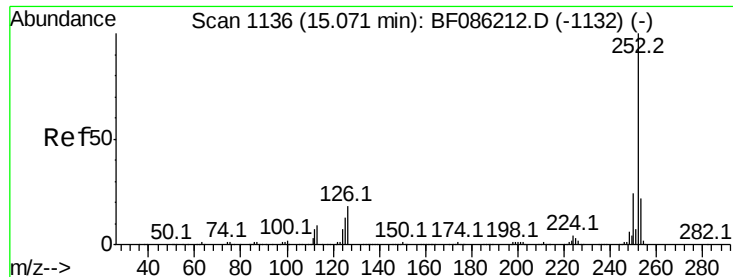
Sohil
 4/18/2016 7:29:19 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 35.20 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Instrument :

BNA_F

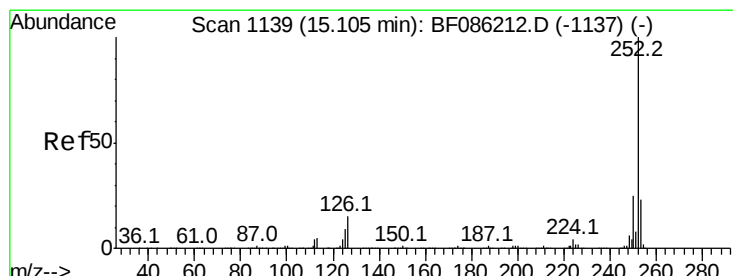
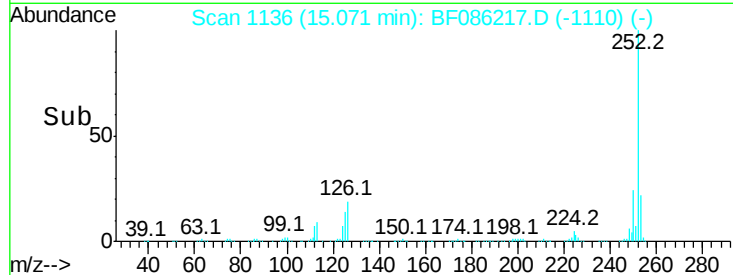
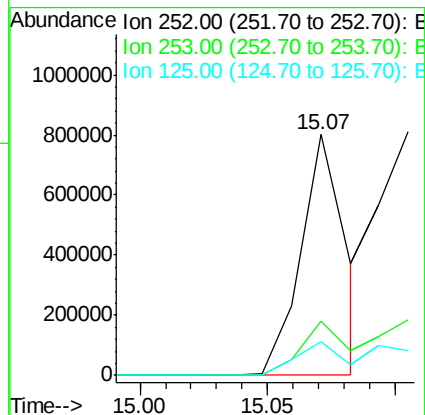
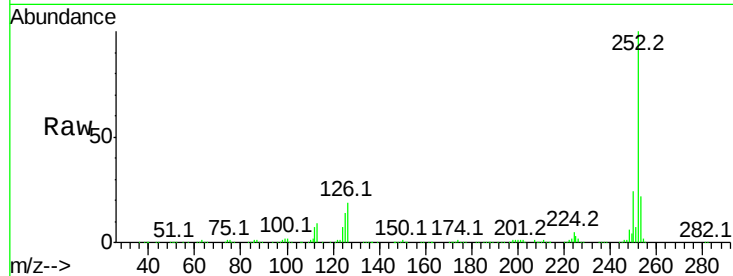
ClientSampleId :

ICVBF041516

Tot Ion:252	Resp:	966746
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.7 26.5
125	14.1	10.3 15.5

Manual Integrations
APPROVED

Sohil
4/18/2016 7:29:19 PM



#88

Benzo(k)fluoranthene

Concen: 42.21 ng m

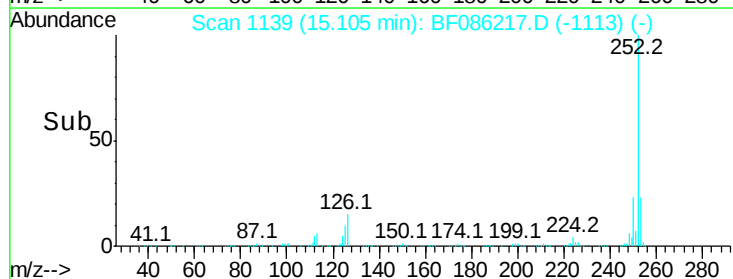
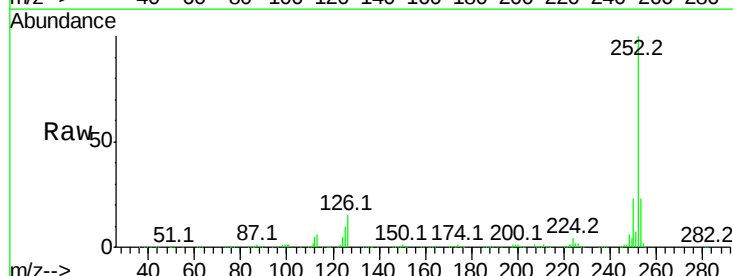
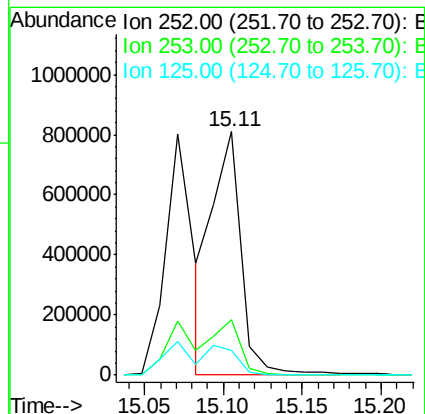
RT: 15.11 min Scan# 1139

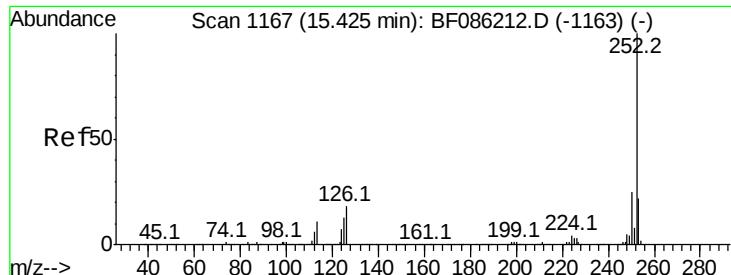
Delta R.T. -0.00 min

Lab File: BF086217.D

Acq: 15 Apr 2016 15:20

Tgt Ion:252	Resp:	1057230
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.5 26.3
125	10.4	7.8 11.6





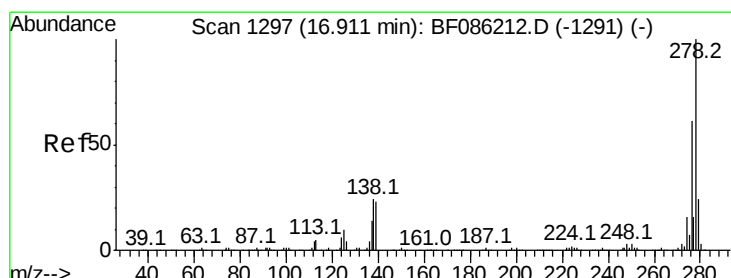
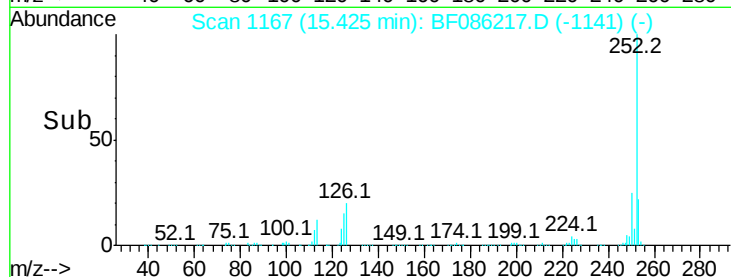
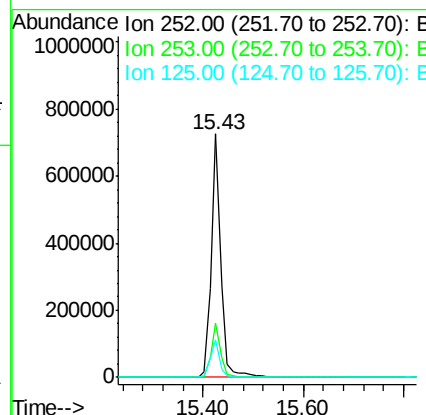
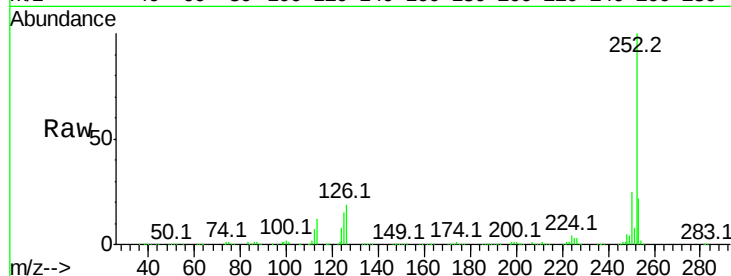
#89
Benzo(a)pyrene
Concen: 39.75 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Instrument :
BNA_F
ClientSampleId :
ICVBF041516

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	15.3	11.2	16.8

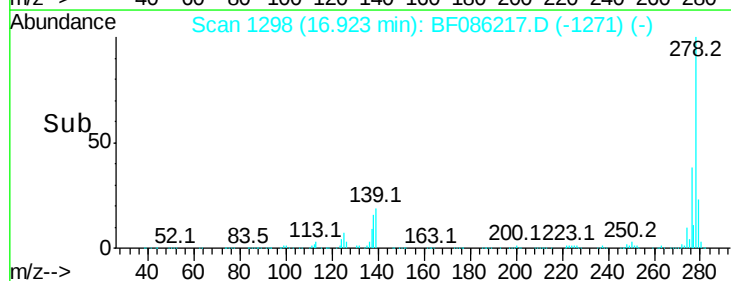
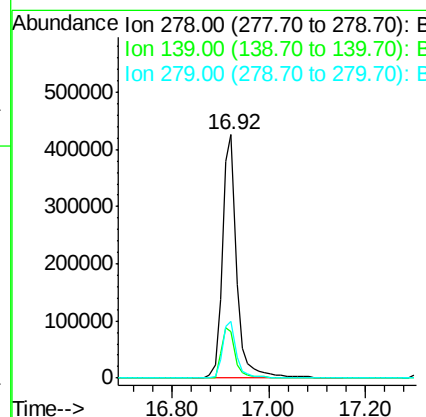
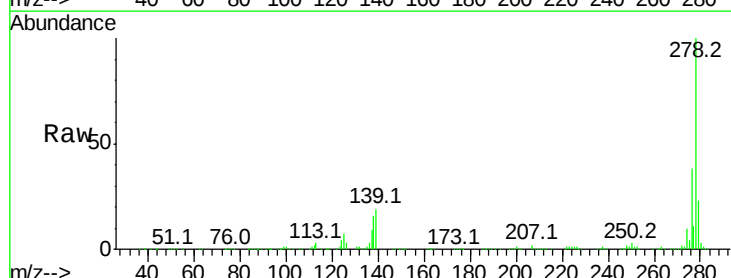
Manual Integrations
APPROVED

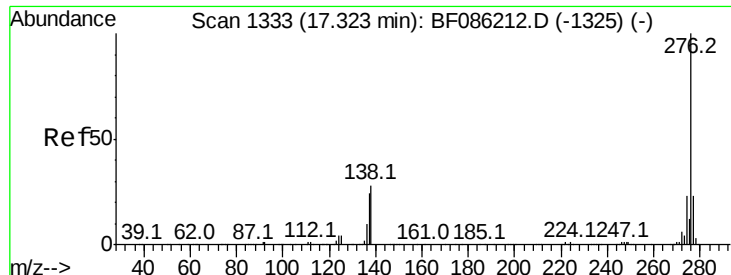
Sohil
4/18/2016 7:29:19 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.09 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF086217.D
Acq: 15 Apr 2016 15:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.3	22.9
279	23.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 41.35 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF086217.D
 Acq: 15 Apr 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041516

Tot Ion:	276	Resp:	924543
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.0	28.6
138	28.8	19.6	29.4

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:29:19 PM

