

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084422.D
 Acq On : 12 Jan 2016 20:52
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:29:42 PM

Quant Time: Jan 13 01:30:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	295315	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	1261680	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	535935	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	948928	20.00	ng	-0.06
75) Chrysene-d12	14.01	240	626964	20.00	ng	-0.06
86) Perylene-d12	15.43	264	532073	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1494207	81.84	ng	-0.04
7) Phenol-d6	6.49	99	1776285	77.46	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1622746	71.58	ng	-0.06
41) 2,4,6-Tribromophenol	10.68	330	431396	79.73	ng	-0.06
44) 2-Fluorobiphenyl	9.21	172	2298537	74.68	ng	-0.06
78) Terphenyl-d14	12.96	244	2053355	73.11	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	382646	44.24	ng	# 79
3) Pyridine	3.14	79	1102247	45.71	ng	# 82
4) n-Nitrosodimethylamine	3.08	42	447766	36.17	ng	93
6) Aniline	6.51	93	1299125	38.73	ng	93
8) 2-Chlorophenol	6.64	128	839280	40.52	ng	93
9) Benzaldehyde	6.38	77	526179	35.24	ng	95
10) Phenol	6.50	94	944672	36.23	ng	# 70
11) bis(2-Chloroethyl)ether	6.58	93	823825	40.79	ng	# 81
12) 1,3-Dichlorobenzene	6.78	146	898048	42.03	ng	97
13) 1,4-Dichlorobenzene	6.86	146	918725	42.87	ng	93
14) 1,2-Dichlorobenzene	7.01	146	778706	37.95	ng	97
15) Benzyl Alcohol	6.99	79	653287	33.87	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1316518	35.80	ng	85
17) 2-Methylphenol	7.12	107	708579	40.81	ng	95
18) Hexachloroethane	7.36	117	339701	39.64	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	540359	34.81	ng	# 76
20) 3+4-Methylphenols	7.26	107	741341	36.33	ng	# 68
22) Acetophenone	7.26	105	1131004	37.28	ng	# 92
24) Nitrobenzene	7.44	77	932733	40.57	ng	# 88
25) Isophorone	7.68	82	1642918	37.89	ng	96
26) 2-Nitrophenol	7.74	139	404926	38.70	ng	# 81
27) 2,4-Dimethylphenol	7.79	122	722731	34.12	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	955417	36.08	ng	99
29) 2,4-Dichlorophenol	8.00	162	715294	40.54	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	734300	40.31	ng	# 95
31) Naphthalene	8.16	128	2326202	40.64	ng	98
32) Benzoic acid	7.92	122	393250	31.35	ng	95
33) 4-Chloroaniline	8.20	127	933818	35.58	ng	98
34) Hexachlorobutadiene	8.27	225	382437	36.52	ng	98
35) Caprolactam	8.58	113	208851	35.11	ng	# 45
36) 4-Chloro-3-methylphenol	8.69	107	726743	36.77	ng	97
37) 2-Methylnaphthalene	8.84	142	1413146	34.39	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	685778	44.51	ng	99
40) Hexachlorocyclopentadiene	9.00	237	366519	39.41	ng	97

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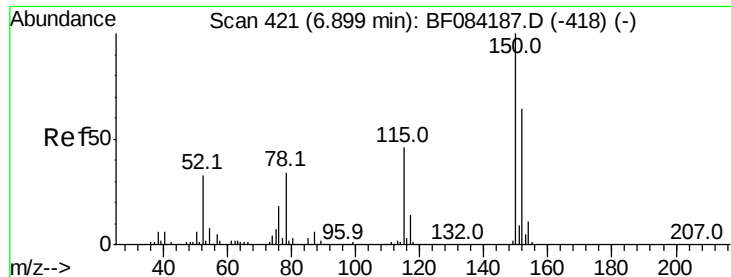
Manual Integrations
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 1/13/2016 3:29:42 PM

Quant Time: Jan 13 01:30:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	465833	40.41	nq	92
43) 2,4,5-Trichlorophenol	9.16	196	452513	40.95	nq #	81
45) 1,1'-Biphenyl	9.31	154	1819716	42.72	nq	99
46) 2-Chloronaphthalene	9.33	162	1351647	40.40	nq	94
47) 2-Nitroaniline	9.44	65	473055	42.84	nq #	60
48) Acenaphthylene	9.74	152	1943921	39.33	nq	97
49) Dimethylphthalate	9.62	163	1623671	42.38	nq #	91
50) 2,6-Dinitrotoluene	9.68	165	380611	45.29	nq #	80
51) Acenaphthene	9.92	154	1308450	39.46	nq	98
52) 3-Nitroaniline	9.85	138	463826	44.54	nq #	83
53) 2,4-Dinitrophenol	9.95	184	178344	51.16	nq #	79
54) Dibenzofuran	10.09	168	1710870	39.48	nq	92
55) 4-Nitrophenol	10.02	139	320420	42.39	nq	84
56) 2,4-Dinitrotoluene	10.08	165	453652	42.65	nq	98
57) Fluorene	10.43	166	1264527	37.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	386716	40.99	nq	90
59) Diethylphthalate	10.32	149	1561534	41.34	nq	96
60) 4-Chlorophenyl-phenylether	10.43	204	657901	47.37	nq	92
61) 4-Nitroaniline	10.45	138	379185	40.85	nq	87
62) Azobenzene	10.59	77	1739714	41.99	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	252635	43.67	nq	78
65) n-Nitrosodiphenylamine	10.54	169	1155027	38.07	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	436139	42.70	nq	97
67) Hexachlorobenzene	10.98	284	427211	37.16	nq #	85
68) Atrazine	11.08	200	421202	42.42	nq	94
69) Pentachlorophenol	11.17	266	215168	36.10	nq	98
70) Phenanthrene	11.39	178	1983503	39.96	nq	96
71) Anthracene	11.45	178	2062705	42.39	nq	97
72) Carbazole	11.61	167	1859655	39.09	nq	97
73) Di-n-butylphthalate	11.94	149	2195576	42.91	nq #	96
74) Fluoranthene	12.58	202	1834150	35.37	nq	98
76) Benzidine	12.71	184	480369	21.37	nq	99
77) Pyrene	12.81	202	1851173	37.63	nq	97
79) Butylbenzylphthalate	13.44	149	789210	37.07	nq #	86
80) Benzo(a)anthracene	14.00	228	1293856	35.15	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	505034	39.31	nq #	96
82) Chrysene	14.03	228	1247745	35.27	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	892503	33.18	nq #	94
84) Di-n-octyl phthalate	14.60	149	1460116	32.15	nq #	87
85) Indeno(1,2,3-cd)pyrene	16.82	276	1475686	52.62	nq	97
87) Benzo(b)fluoranthene	15.03	252	1336628m	38.40	nq	
88) Benzo(k)fluoranthene	15.05	252	1047794m	36.81	nq	
89) Benzo(a)pyrene	15.37	252	1171179	39.67	nq #	95
90) Dibenzo(a,h)anthracene	16.84	278	1212404	47.73	nq	97
91) Benzo(g,h,i)perylene	17.24	276	1289842	49.03	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

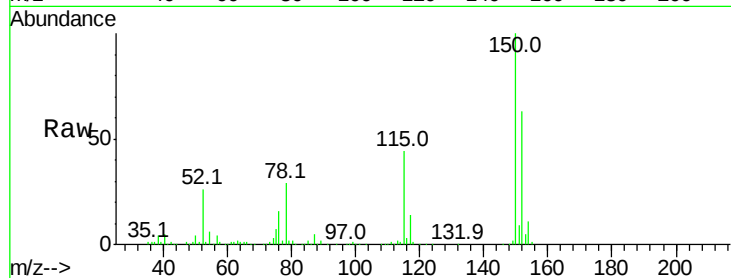
SSTDCCC040EC

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Tot Ion	152	Resp	295315
Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.0	184.4
115	69.8	51.4	77.2



Abundance Ion 152.00 (151.70 to 152.70): E

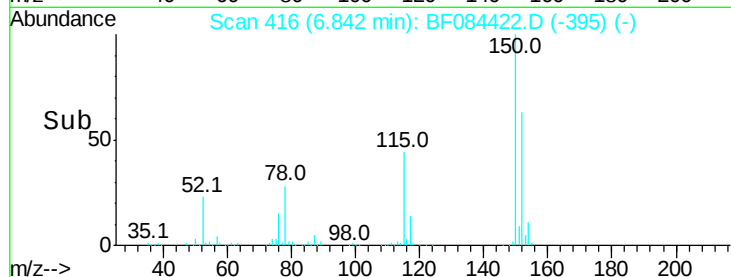
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

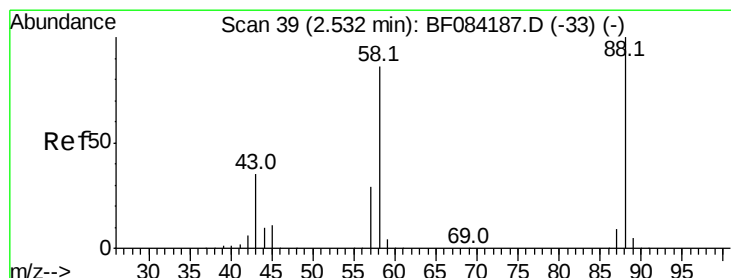
6.84

6.85

6.90



Time-->



#2

1,4-Dioxane

Concen: 44.24 ng

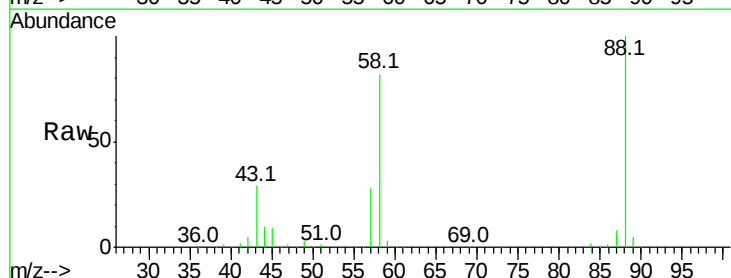
RT: 2.41 min Scan# 28

Delta R.T. -0.13 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion	88	Resp	382646
Ion	Ratio	Lower	Upper
88	100		
58	83.3	51.2	76.8#
43	29.9	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

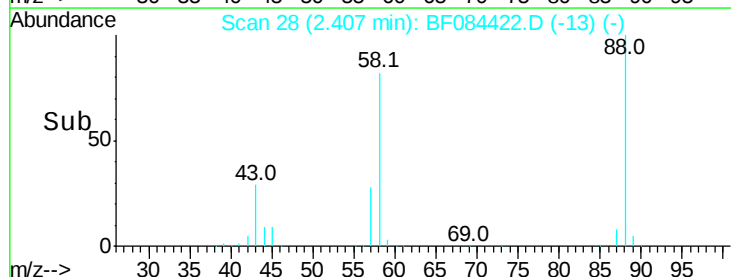
Ion 43.00 (42.70 to 43.70): BF0

2.41

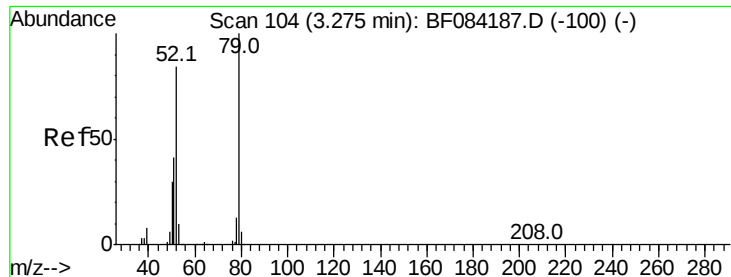
2.40

2.50

2.60



Time-->



#3

Pvridine

Concen: 45.71 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.14 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 1102247

Ion Ratio Lower Upper

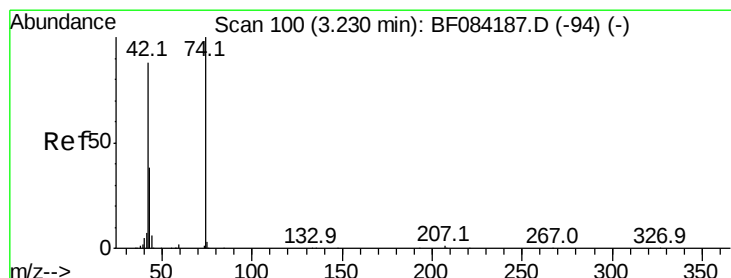
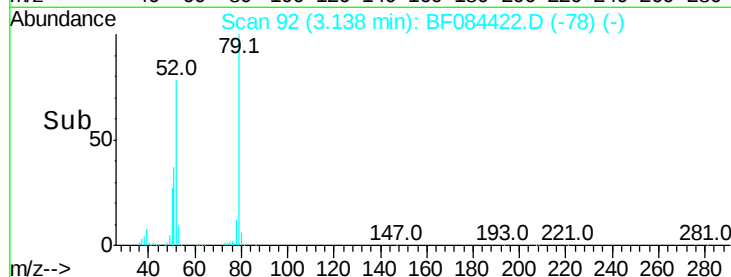
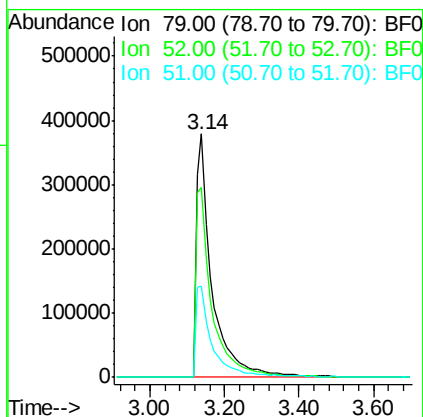
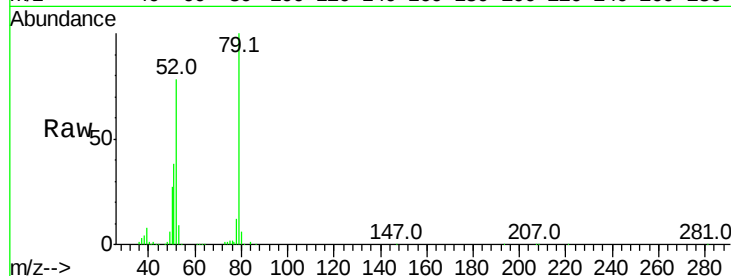
79 100

52 78.0 49.0 73.4#

51 37.5 25.2 37.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.17 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.15 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

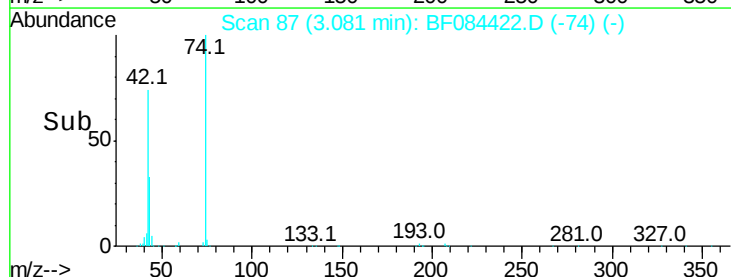
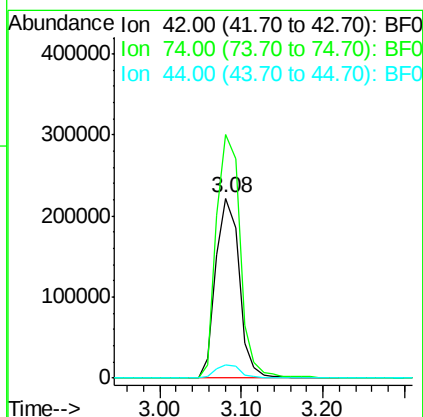
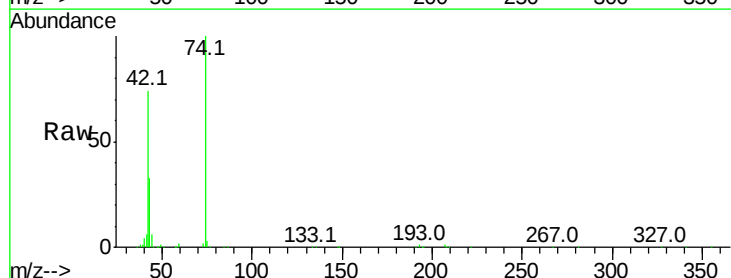
Tgt Ion: 42 Resp: 447766

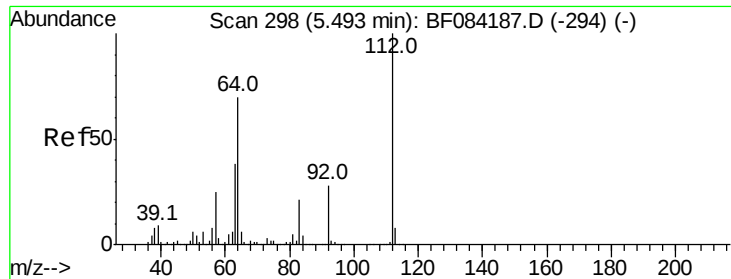
Ion Ratio Lower Upper

42 100

74 135.1 115.7 173.5

44 7.5 5.1 7.7





#5

2-Fluorophenol

Concen: 81.84 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1494207

Ion Ratio Lower Upper

112 100

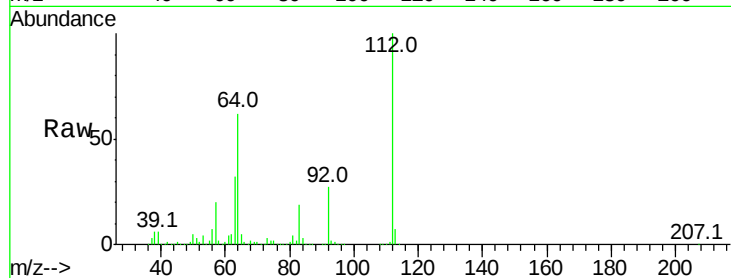
64 61.8 36.6 55.0#

63 31.7 19.4 29.0#

Manual Integrations
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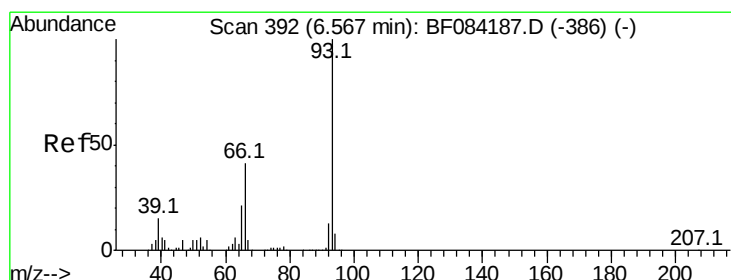
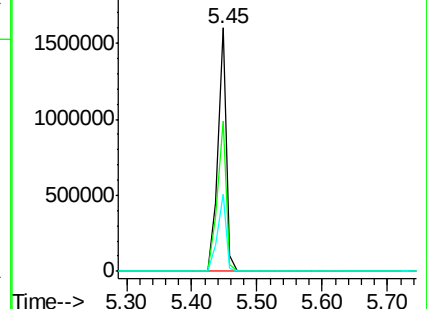
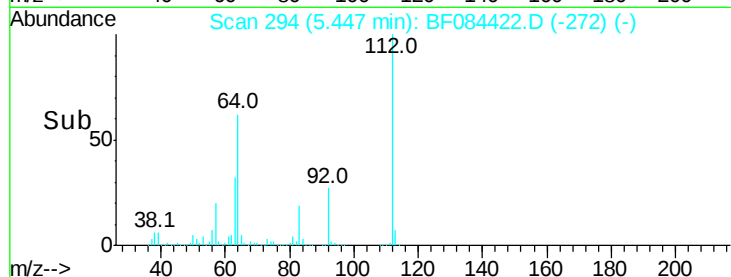
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.73 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

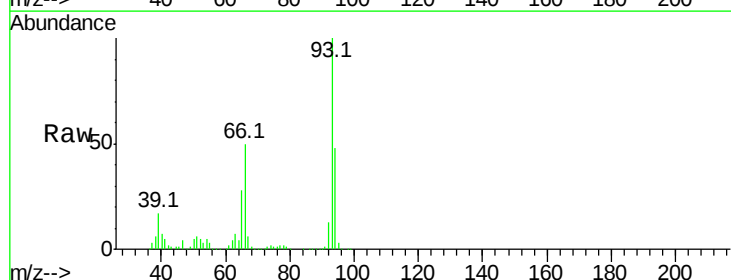
Tgt Ion: 93 Resp: 1299125

Ion Ratio Lower Upper

93 100

66 49.7 44.9 67.3

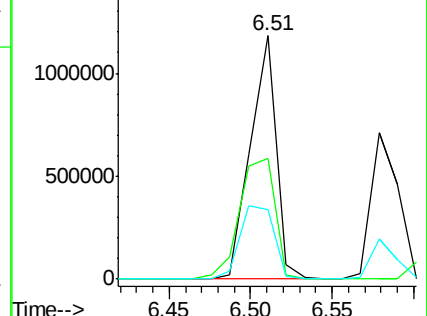
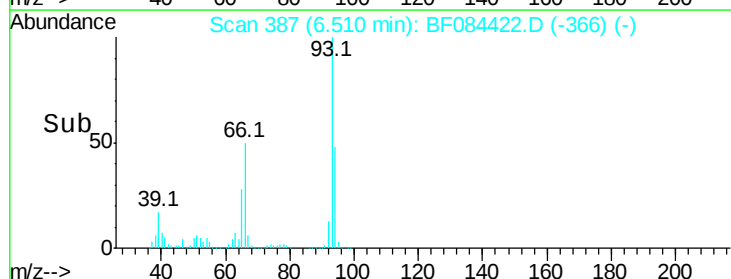
65 28.3 23.7 35.5

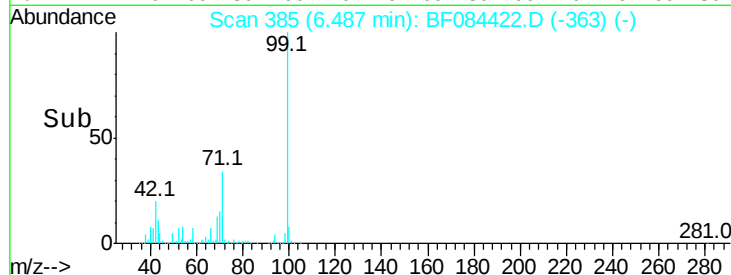
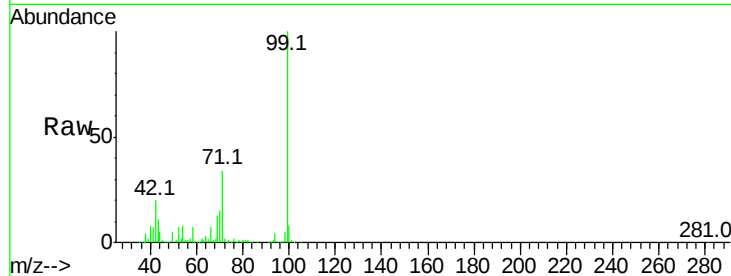
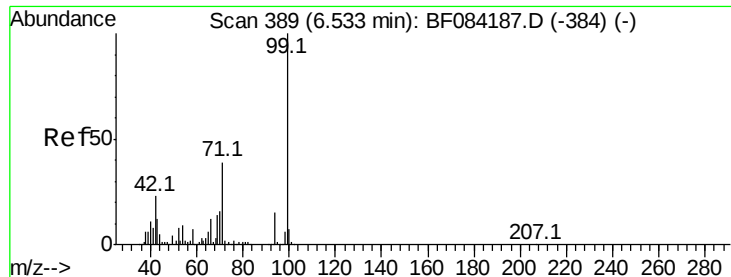


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.46 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tot Ion: 99 Resp: 1776285

Ion Ratio Lower Upper

99 100

42 19.8 12.8 19.2#

71 34.5 30.9 46.3

Instrument :

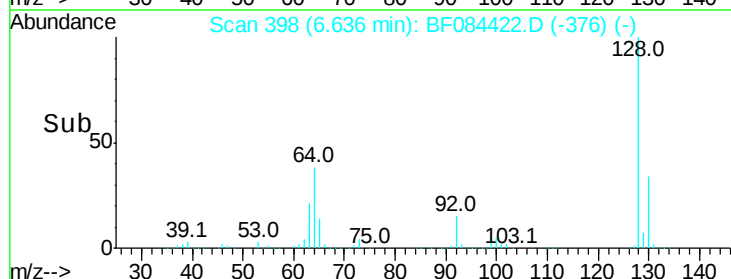
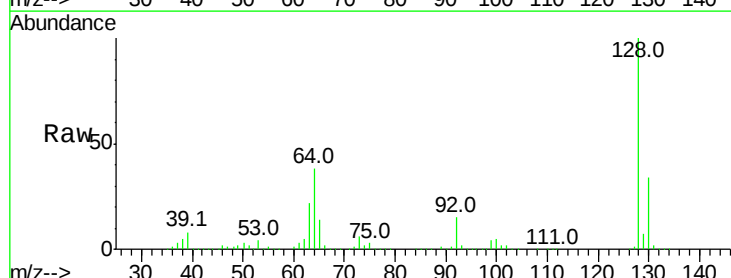
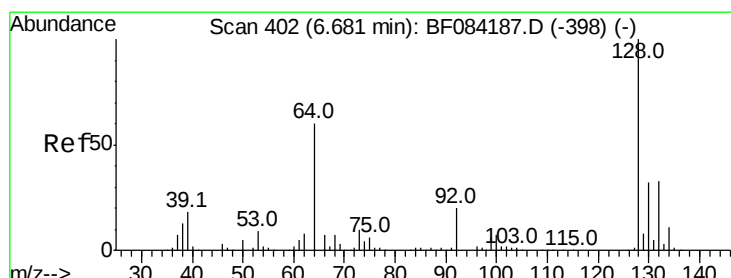
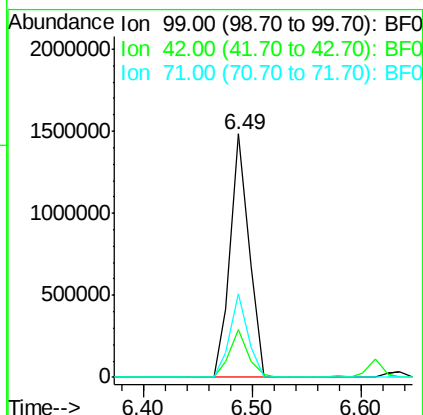
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SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 40.52 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

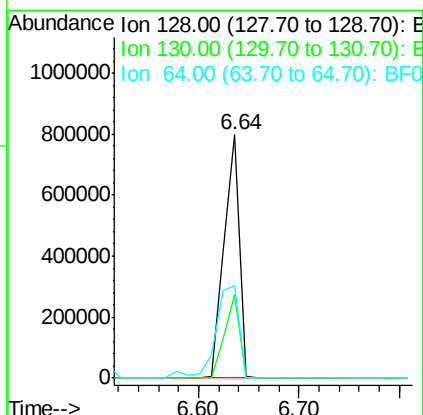
Tgt Ion: 128 Resp: 839280

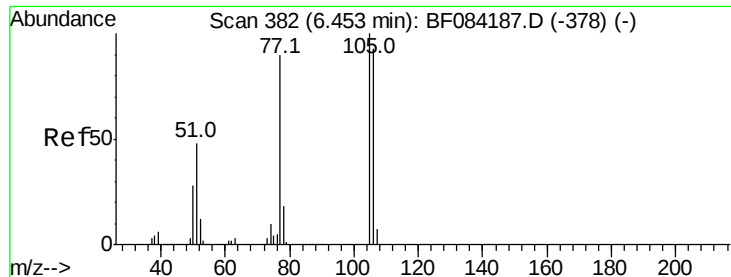
Ion Ratio Lower Upper

128 100

130 34.4 11.6 51.6

64 37.8 23.8 63.8





#9

Benzaldehyde

Concen: 35.24 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

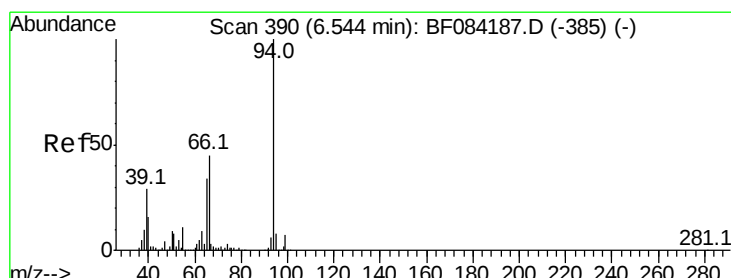
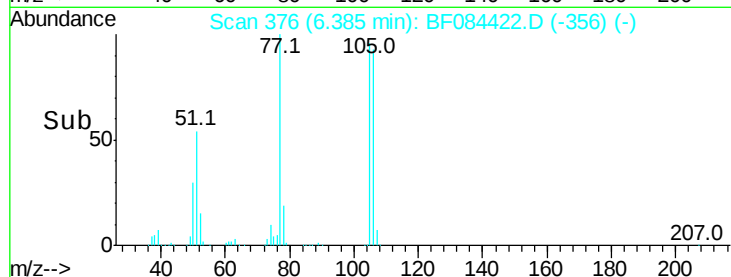
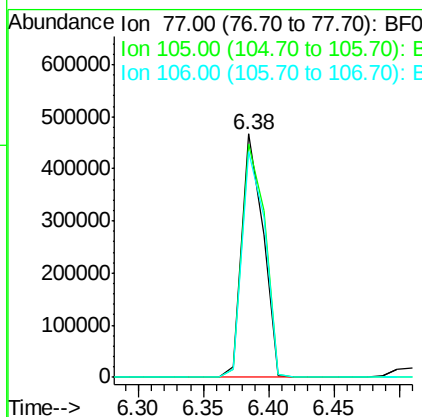
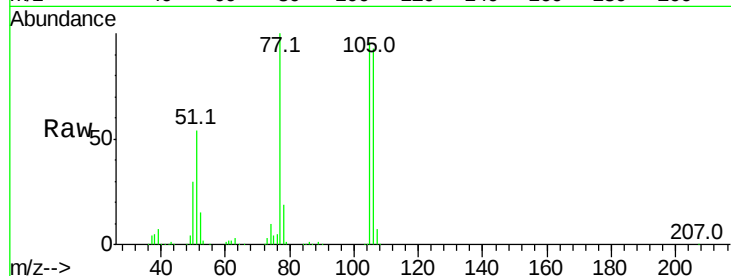
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	526179
Ion Ratio	Lower	Upper	
77	100		
105	95.8	83.0	123.0
106	92.6	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 36.23 ng

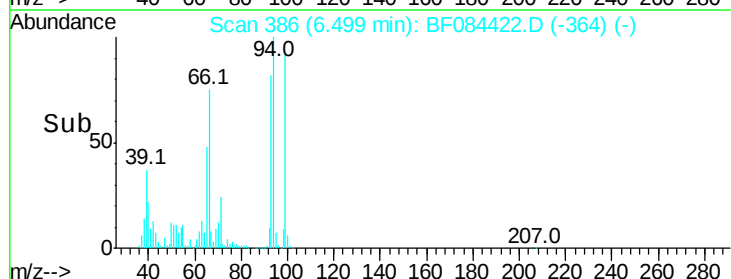
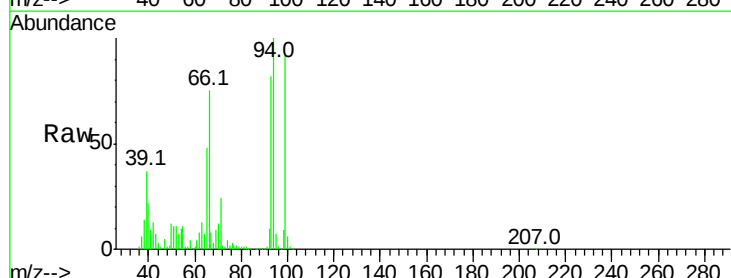
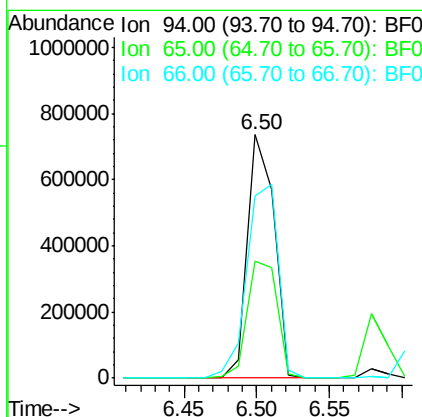
RT: 6.50 min Scan# 386

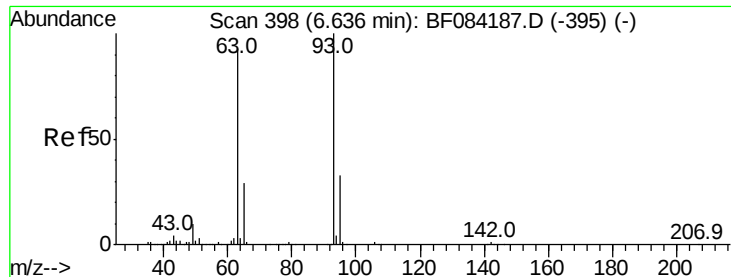
Delta R.T. -0.05 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion:	94	Resp:	944672
Ion Ratio	Lower	Upper	
94	100		
65	48.3	12.9	52.9
66	75.0	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 40.79 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

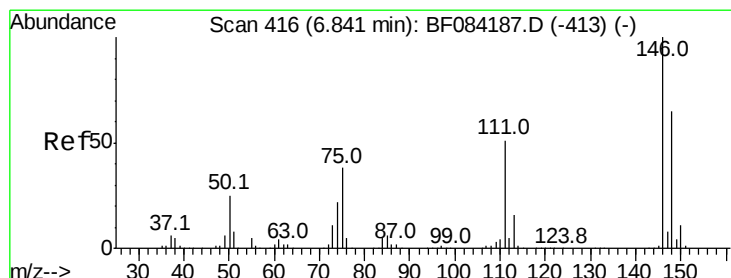
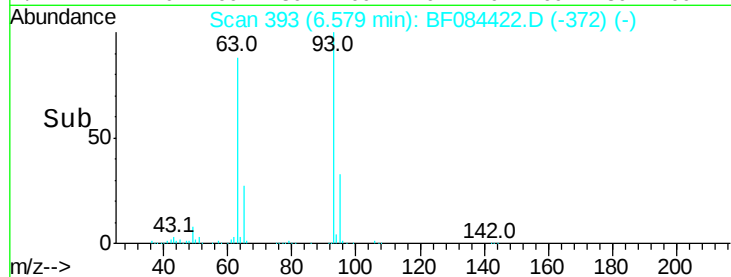
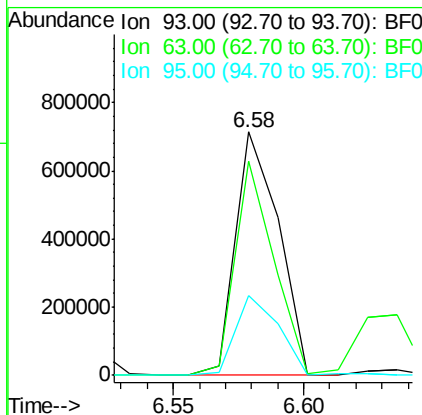
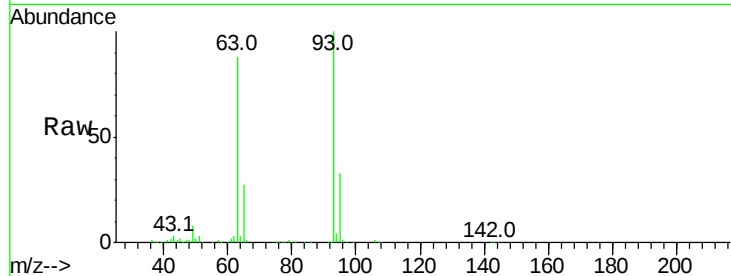
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	45.9	85.9#
95	32.5	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.03 ng

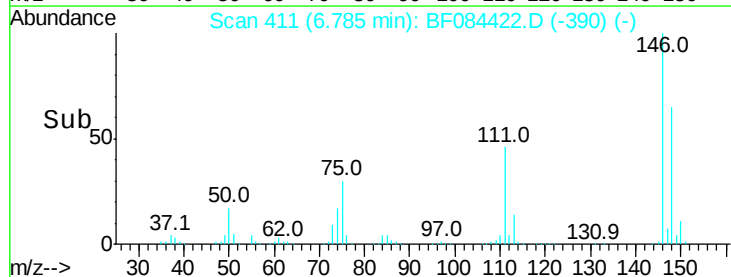
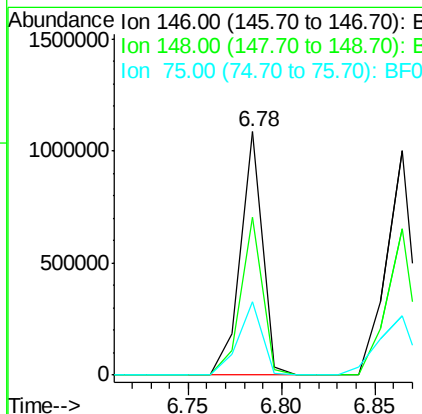
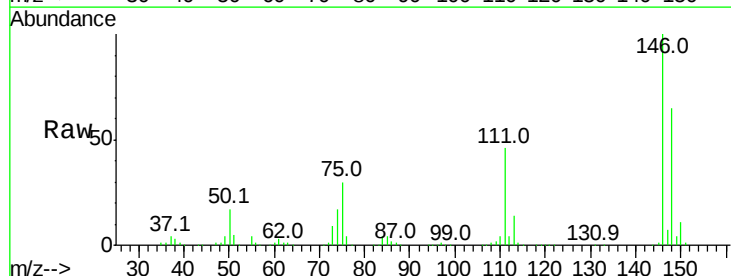
RT: 6.78 min Scan# 411

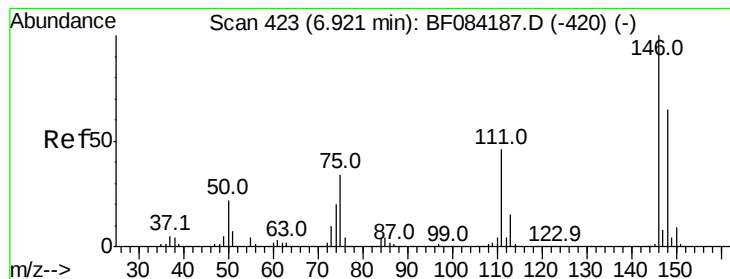
Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
75	29.9	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 42.87 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

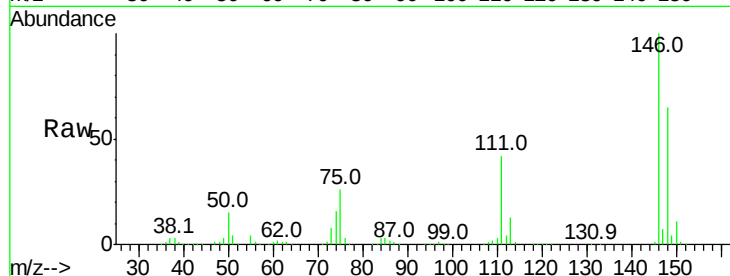
ClientSampleId :

SSTDCCC040EC

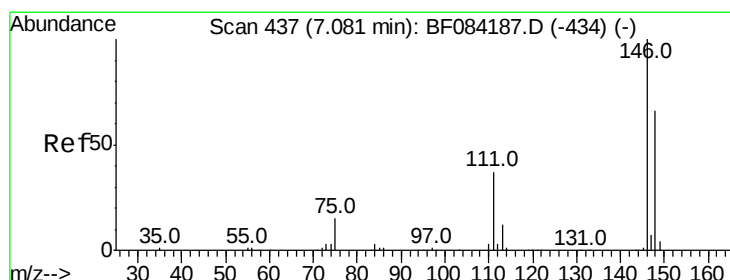
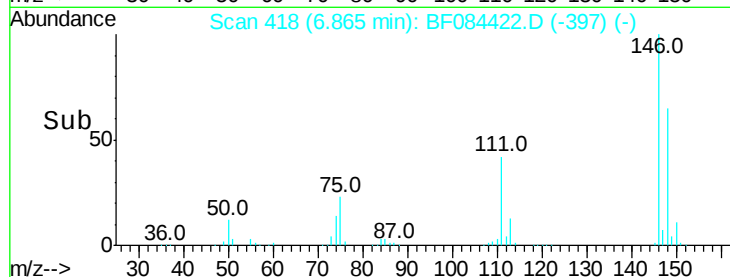
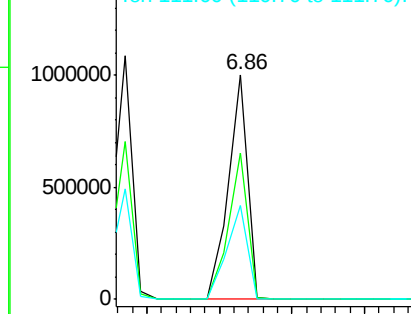
Tot Ion:	146	Resp:	918725
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.9	77.9
111	41.6	41.6	62.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.95 ng

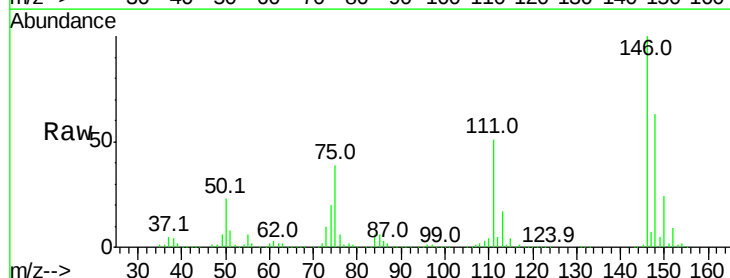
RT: 7.01 min Scan# 431

Delta R.T. -0.07 min

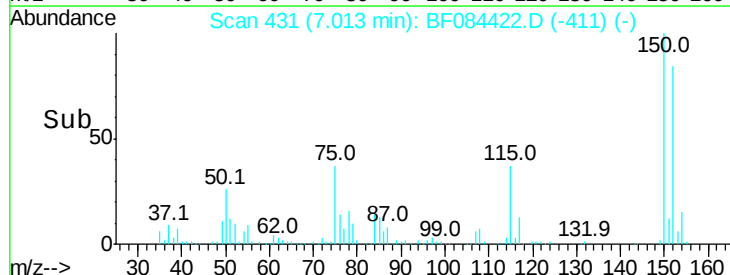
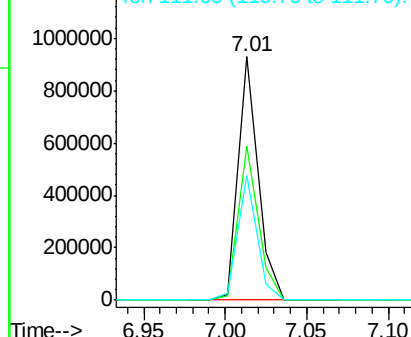
Lab File: BF084422.D

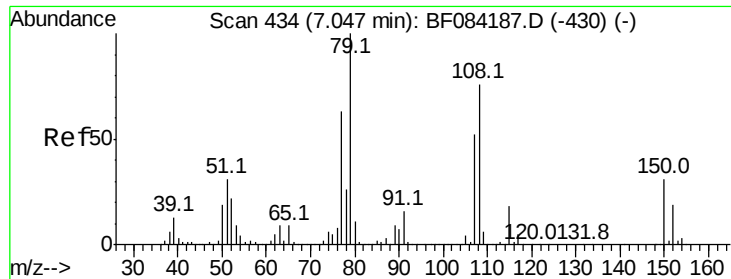
Acq: 12 Jan 2016 20:52

Tgt Ion:	146	Resp:	778706
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.6	77.4
111	51.0	38.0	57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.87 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 653287

Ion Ratio Lower Upper

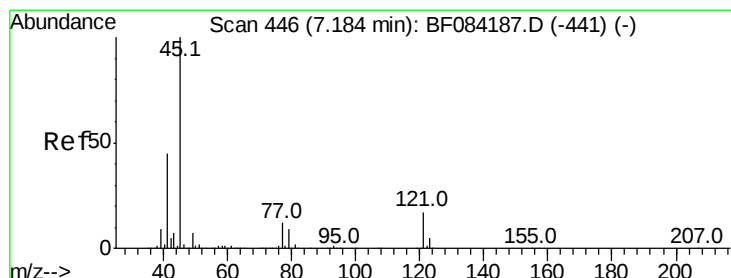
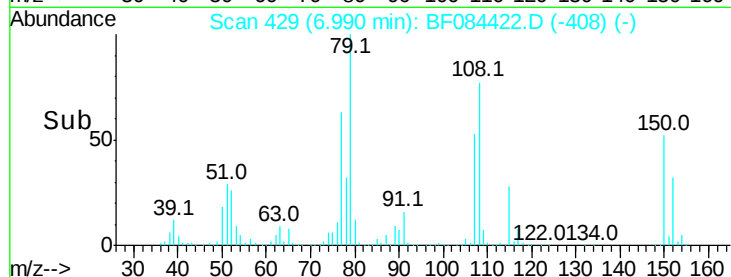
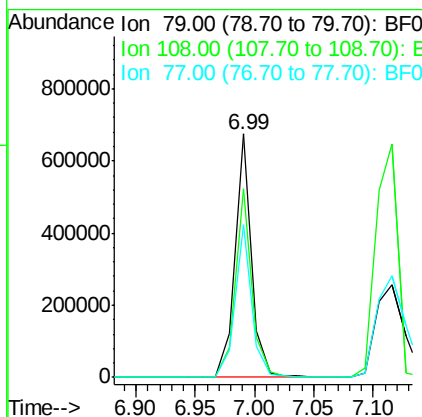
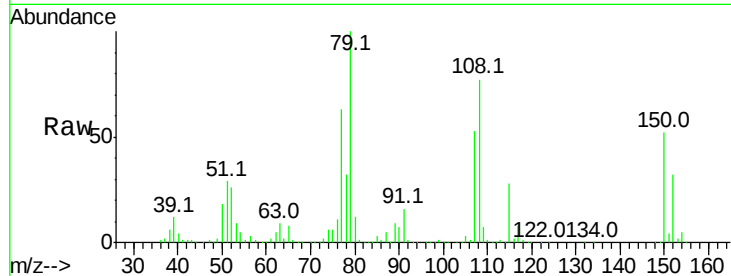
79 100

108 77.2 69.0 103.4

77 62.9 50.0 75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.80 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

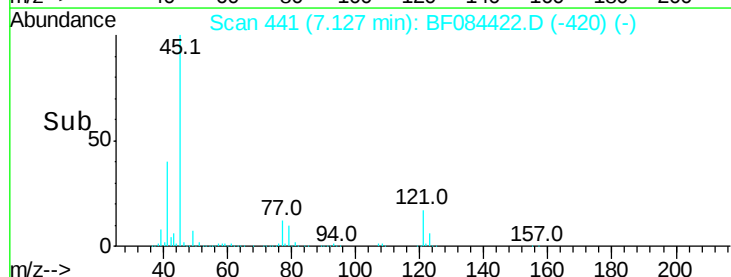
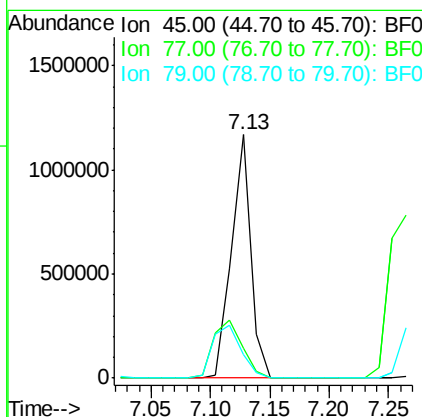
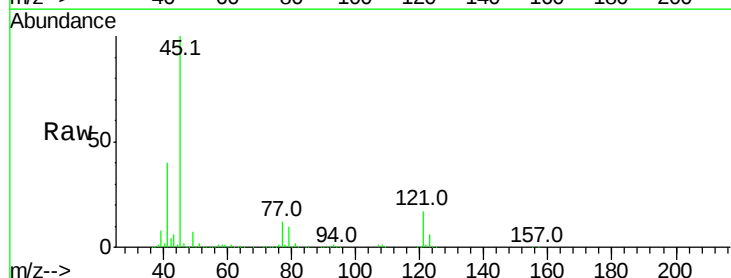
Tgt Ion: 45 Resp: 1316518

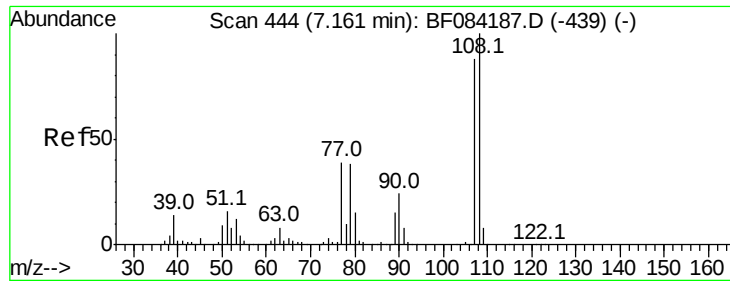
Ion Ratio Lower Upper

45 100

77 12.3 0.0 39.6

79 9.7 0.0 35.0





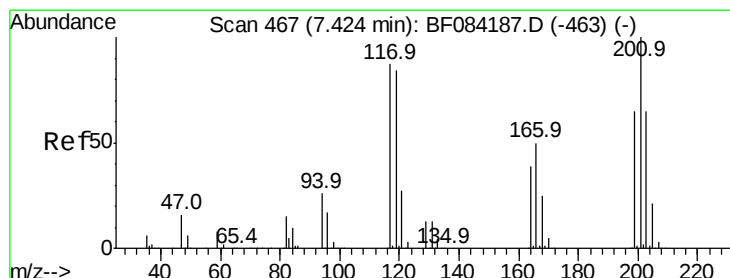
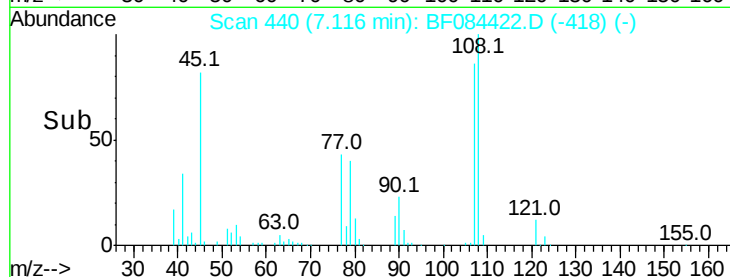
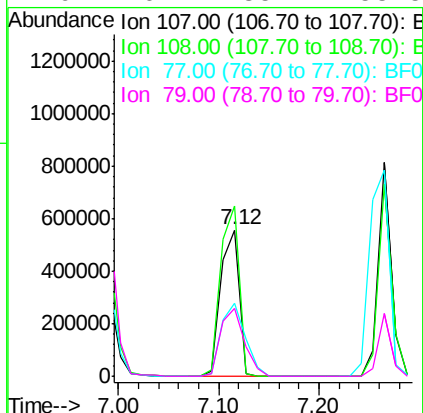
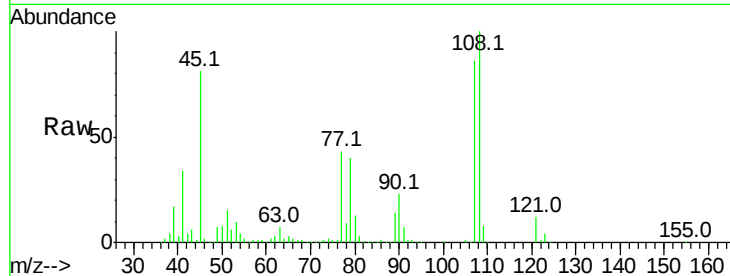
#17
2-Methylphenol
Concen: 40.81 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	116.3	89.8	134.6		
77	50.3	35.7	53.5		
79	46.1	35.7	53.5		

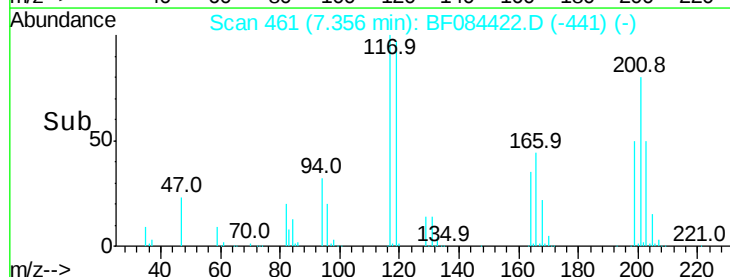
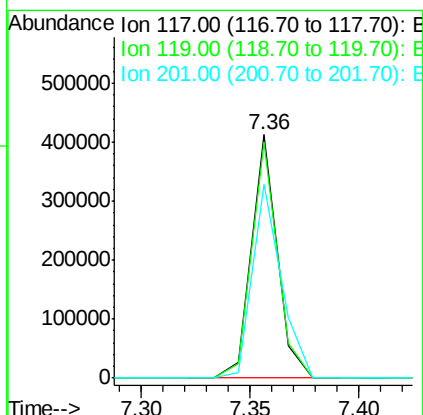
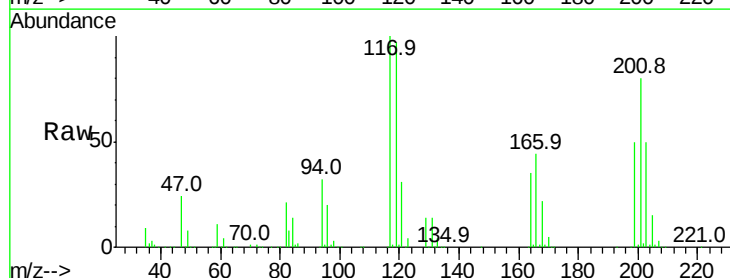
Manual Integrations
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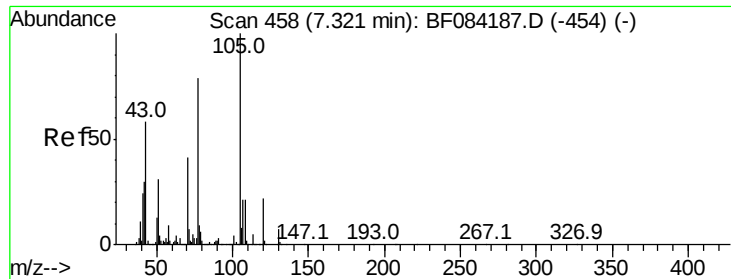
MMdadoda
1/13/2016 3:29:42 PM



#18
Hexachloroethane
Concen: 39.64 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.9	77.4	116.0		
201	79.7	68.6	103.0		





#19

n-Nitroso-di-n-propylamine

Concen: 34.81 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.06 min

Lab File: BF084422.D

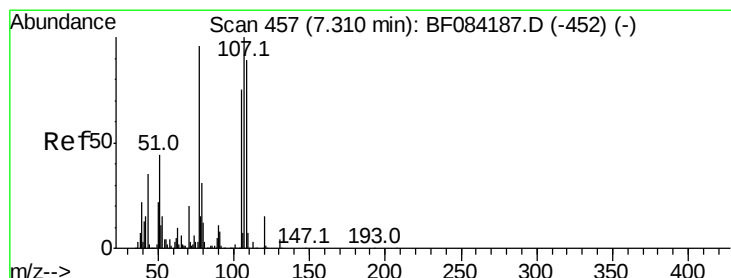
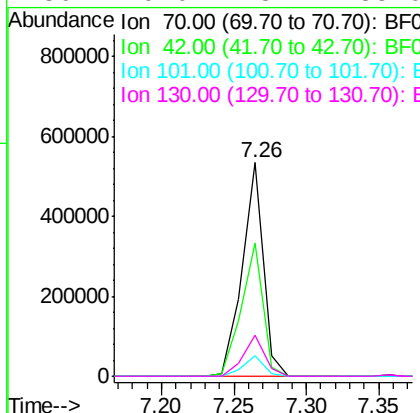
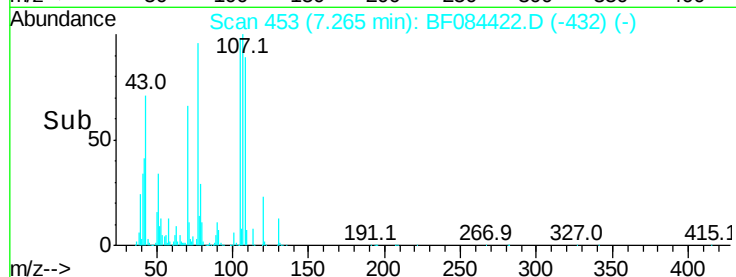
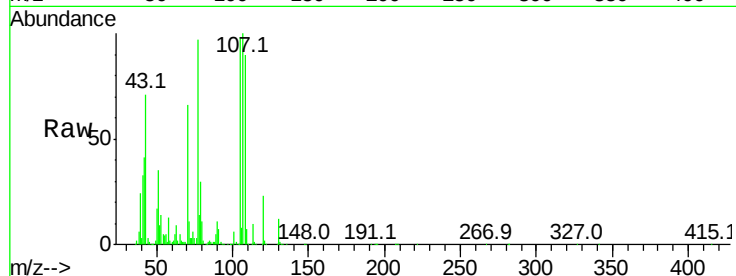
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
70	100		
42	62.1	33.3	49.9#
101	9.5	9.3	13.9
130	19.0	23.4	35.0#



#20

3+4-Methylphenols

Concen: 36.33 ng

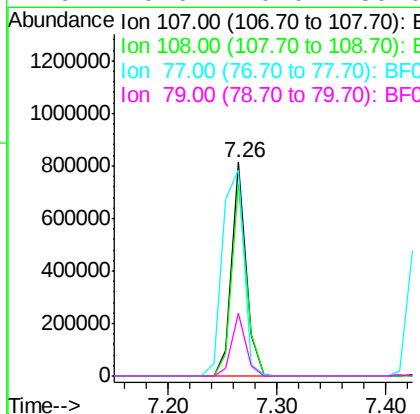
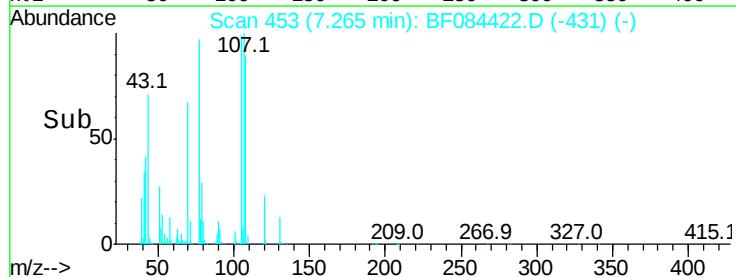
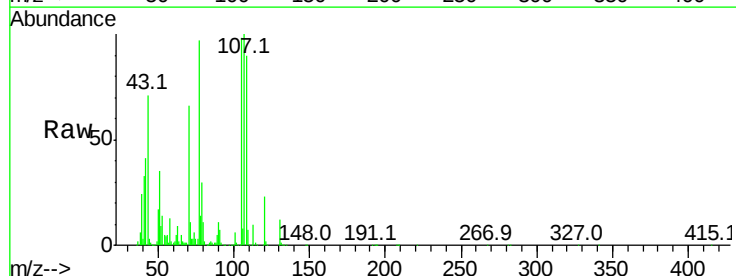
RT: 7.26 min Scan# 453

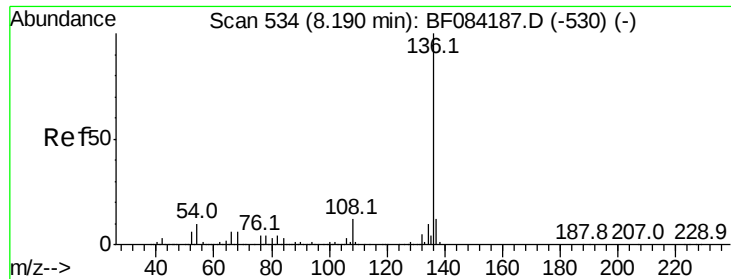
Delta R.T. -0.05 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	74.6	114.6
77	96.5	0.7	40.7#
79	29.6	0.0	39.0





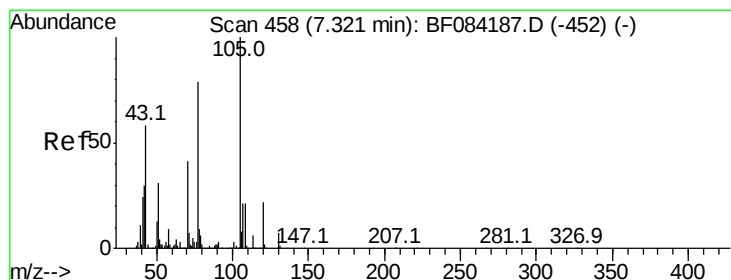
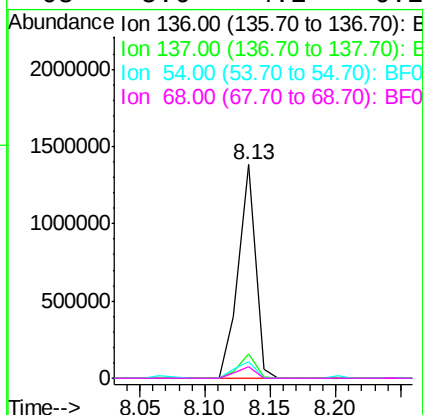
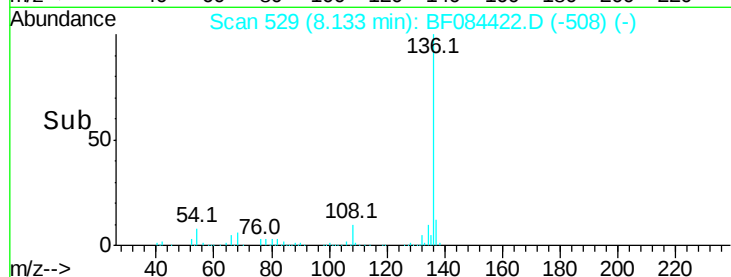
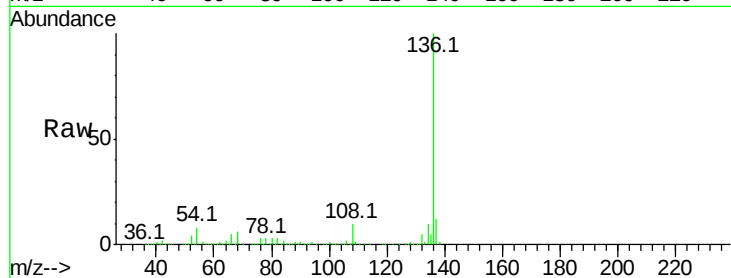
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.1	5.8	8.8
68	5.6	4.2	6.2

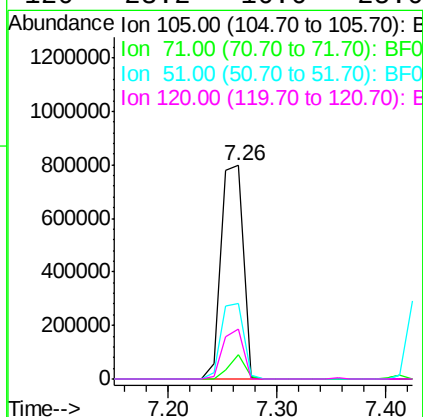
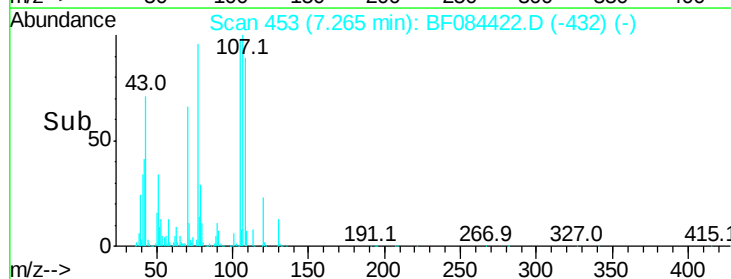
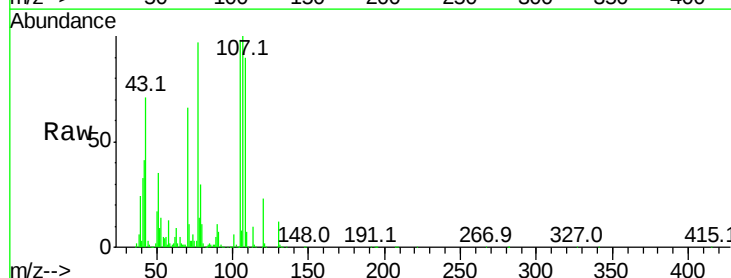
Manual Integrations
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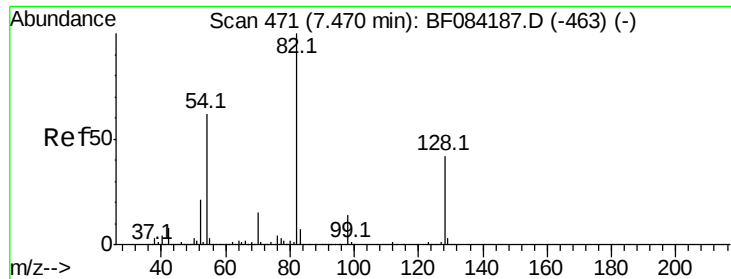
MMdadoda
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#22
Acetophenone
Concen: 37.28 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	11.3	3.7	5.5#
51	35.6	25.1	37.7
120	23.2	16.6	25.0





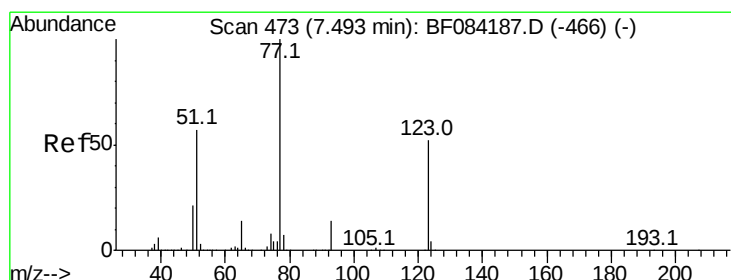
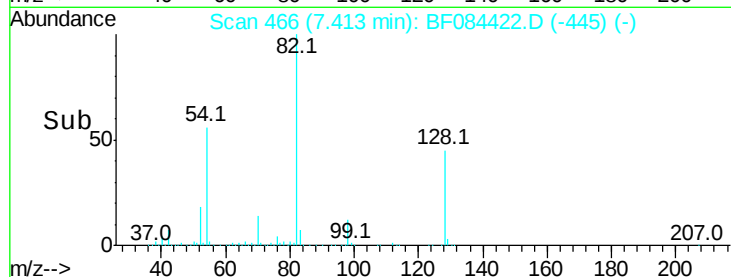
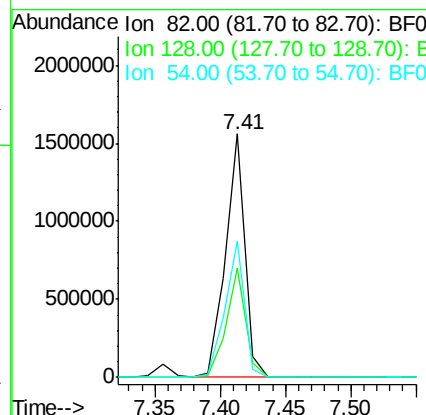
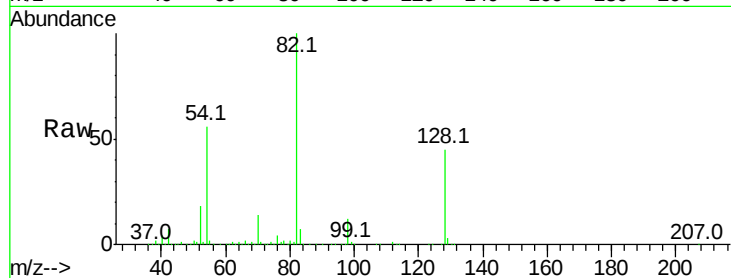
#23
Nitrobenzene-d5
Concen: 71.58 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 1622746
Ion Ratio Lower Upper
82 100
128 45.0 34.6 51.8
54 55.9 38.4 57.6

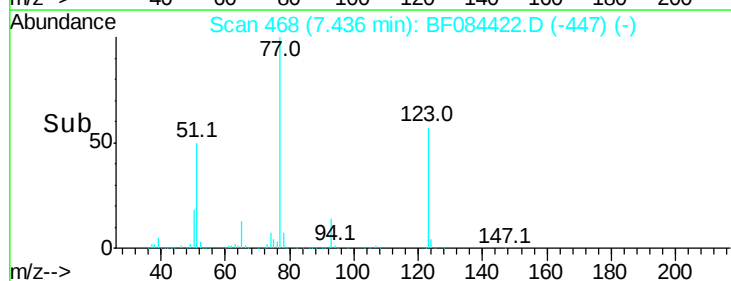
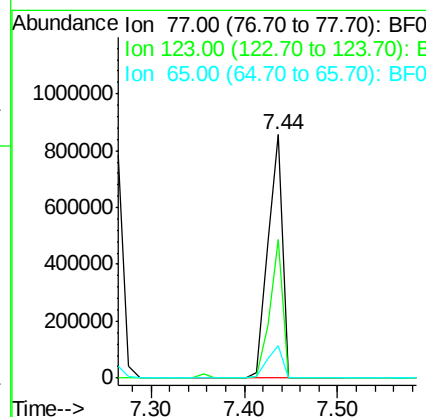
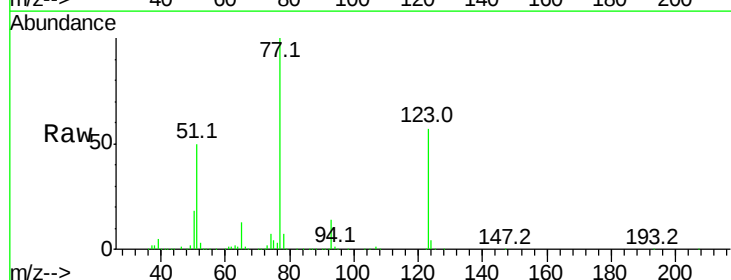
Manual Integrations
APPROVED

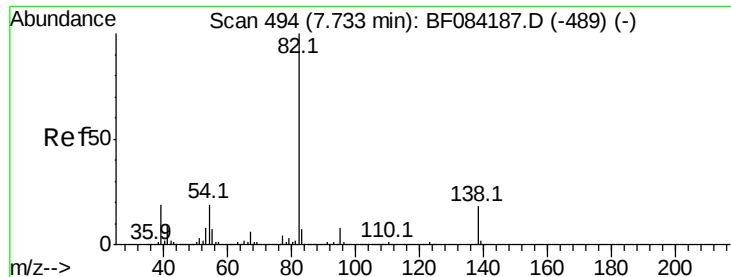
MMdadoda
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#24
Nitrobenzene
Concen: 40.57 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion: 77 Resp: 932733
Ion Ratio Lower Upper
77 100
123 56.7 37.4 56.2#
65 13.2 10.9 16.3





#25

Isophorone

Concen: 37.89 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1642918

Ion Ratio Lower Upper

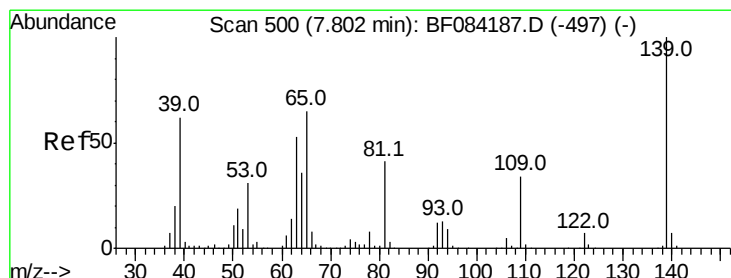
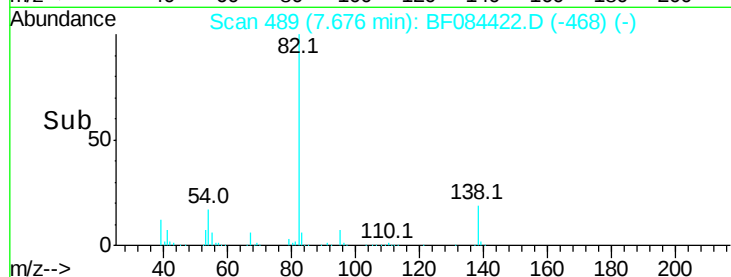
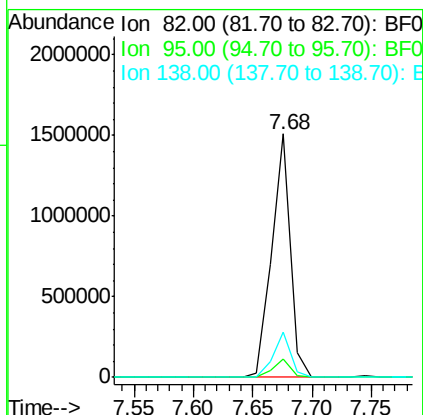
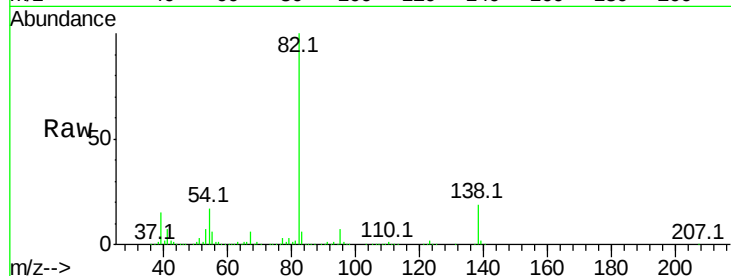
82 100

95 7.3 6.6 10.0

138 18.8 13.6 20.4

Manual Integrations
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MMdadoda
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#26

2-Nitrophenol

Concen: 38.70 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

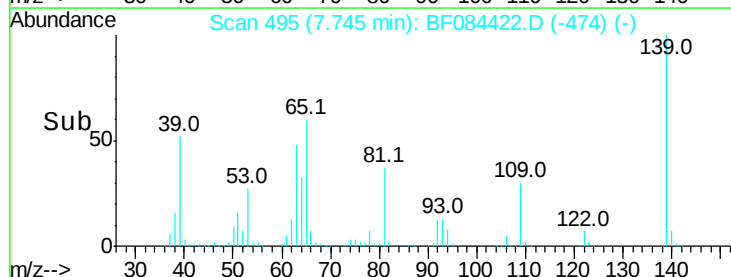
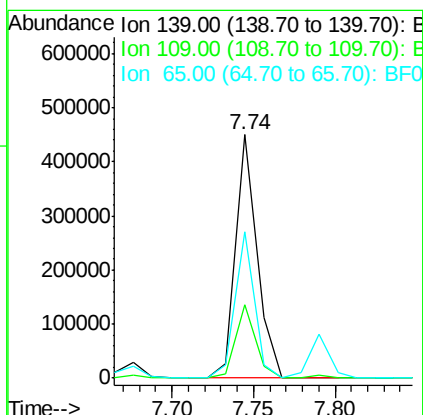
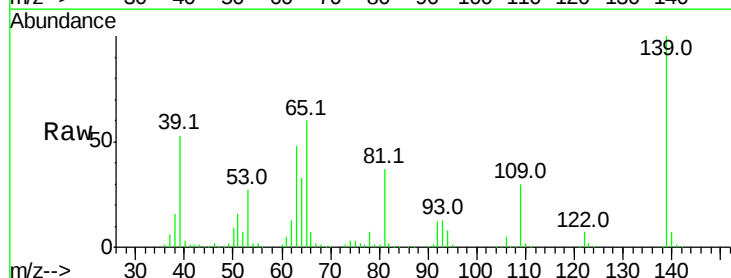
Tgt Ion: 139 Resp: 404926

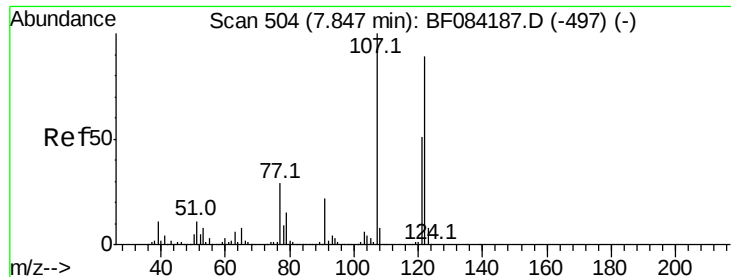
Ion Ratio Lower Upper

139 100

109 30.2 25.4 38.2

65 60.0 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 34.12 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

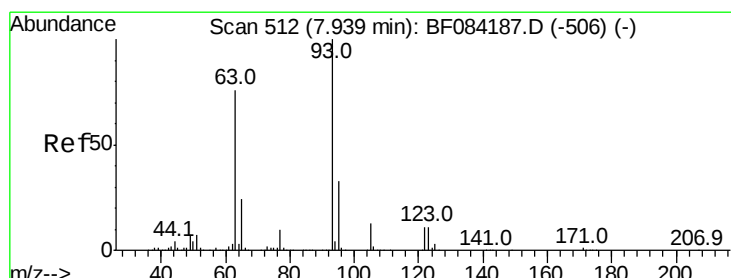
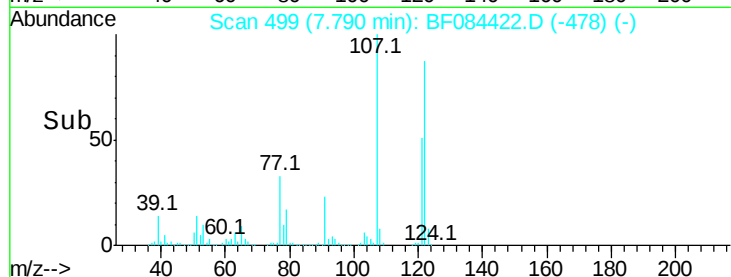
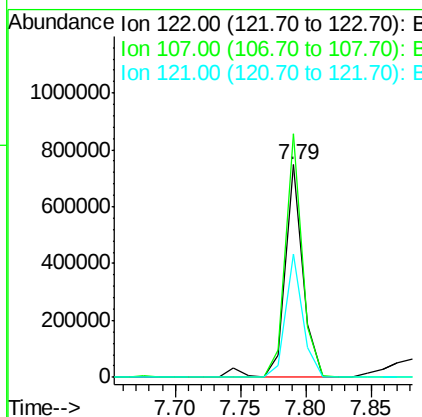
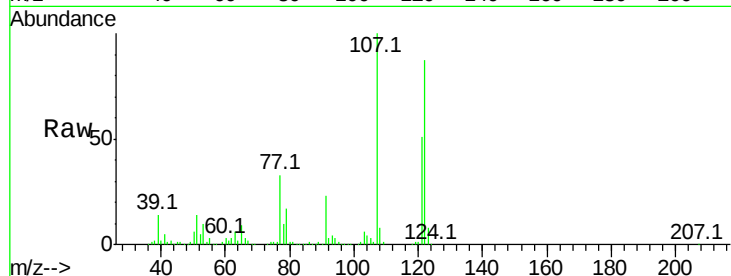
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	722731
Ion Ratio	Lower	Upper	
122	100		
107	114.6	99.1	148.7
121	58.2	47.9	71.9

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MMdadoda
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#28

bis(2-Chloroethoxy)methane

Concen: 36.08 ng

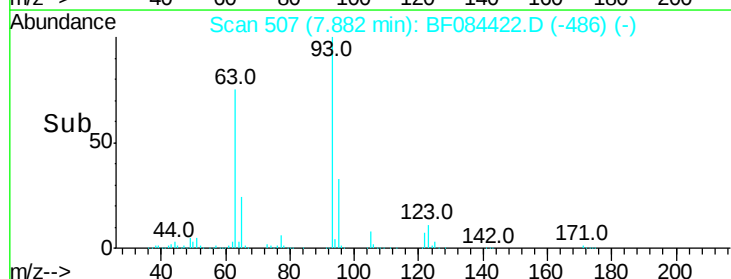
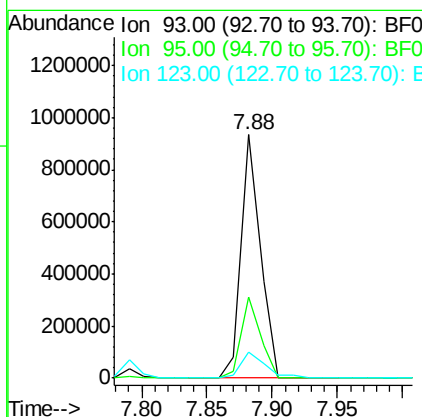
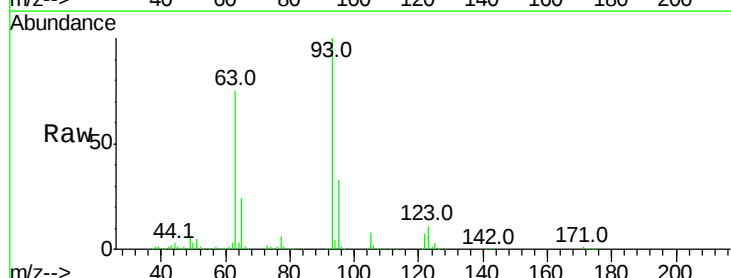
RT: 7.88 min Scan# 507

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion:	93	Resp:	955417
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.8	38.6
123	10.5	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 40.54 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

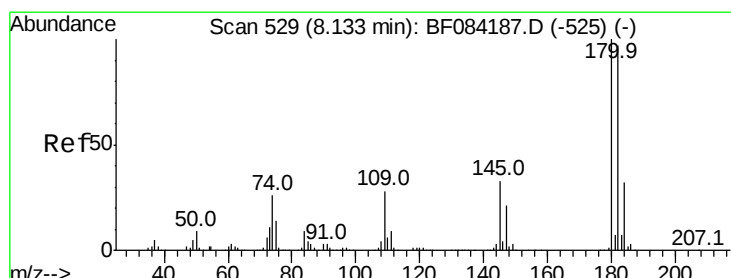
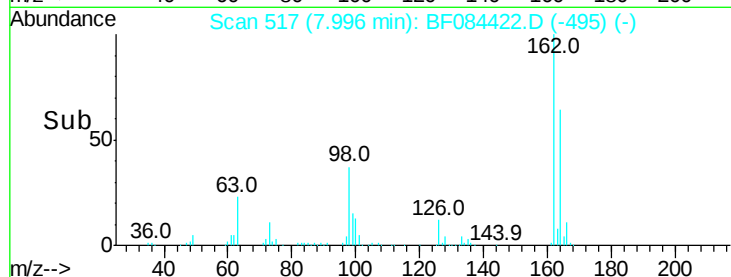
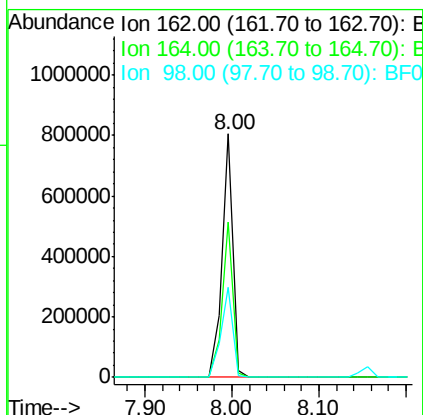
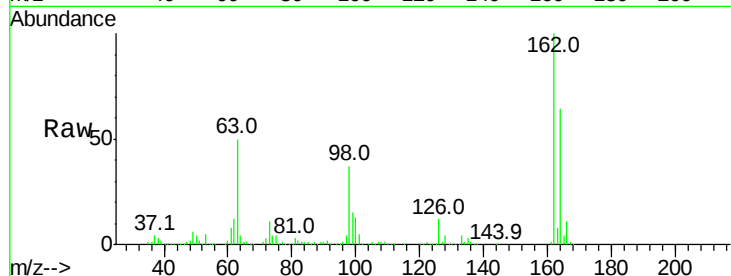
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	715294
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.1	84.1
98	36.9	20.2	60.2

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.31 ng

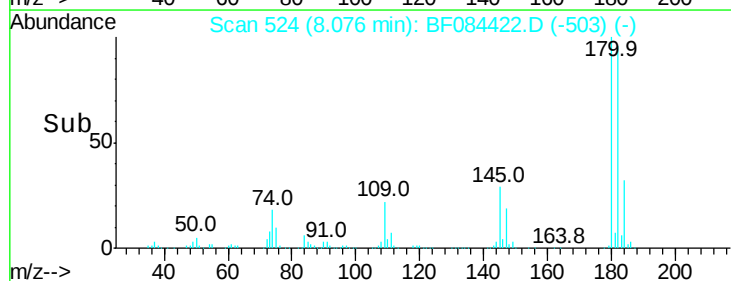
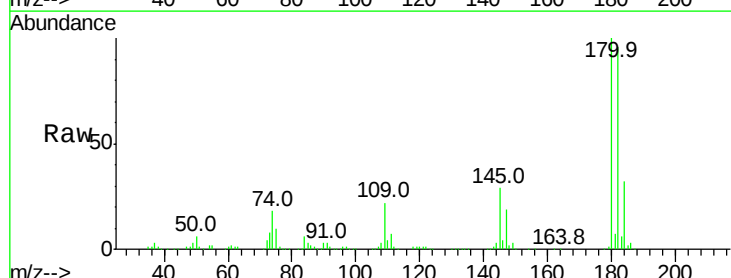
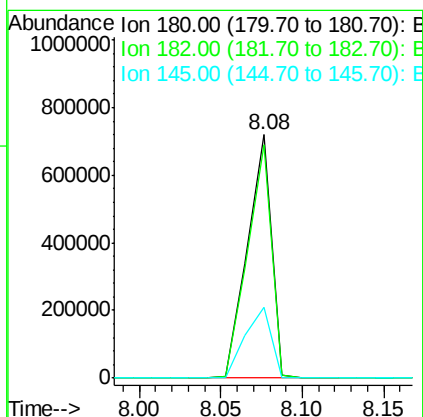
RT: 8.08 min Scan# 524

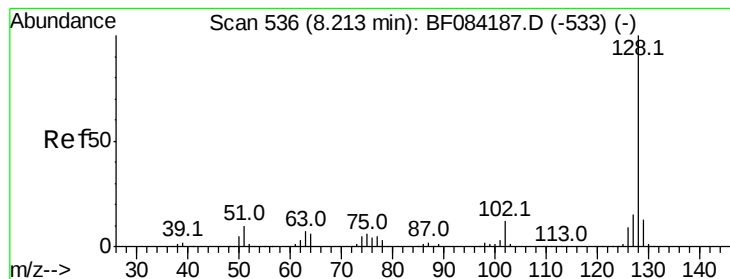
Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion:	180	Resp:	734300
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.4	114.6
145	29.3	31.6	47.4#





#31

Naphthalene

Concen: 40.64 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 2326202

Ion Ratio Lower Upper

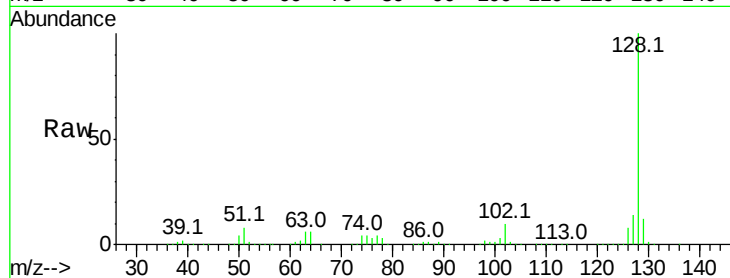
128 100

129 12.4 9.1 13.7

127 14.4 11.1 16.7

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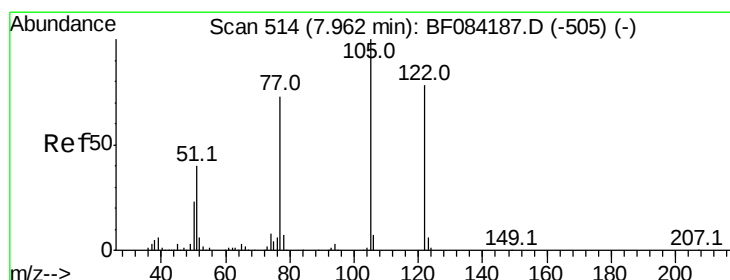
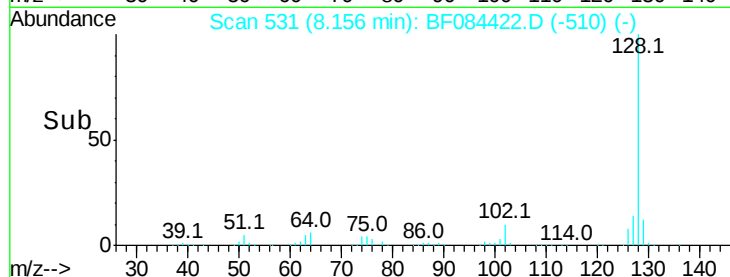
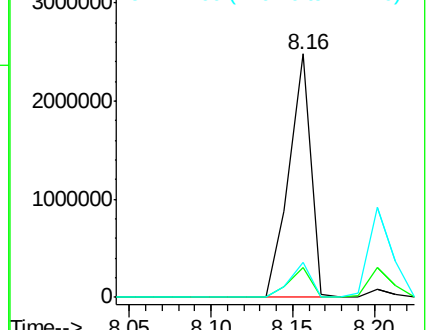
MMdadoda
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.35 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

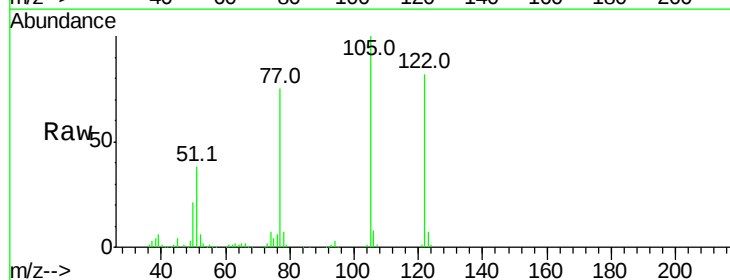
Tgt Ion:122 Resp: 393250

Ion Ratio Lower Upper

122 100

105 122.1 100.3 140.3

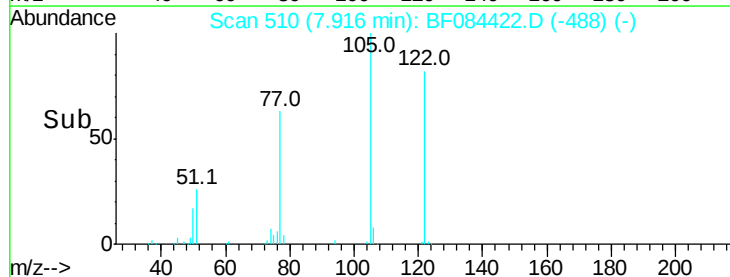
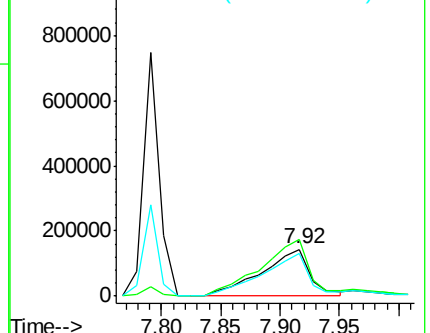
77 92.1 63.5 103.5

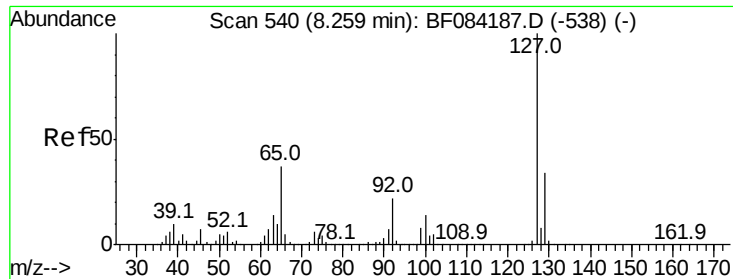


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





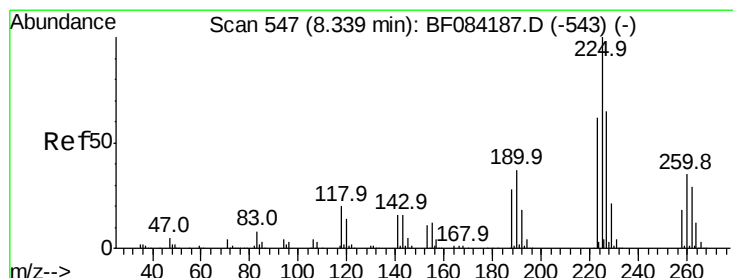
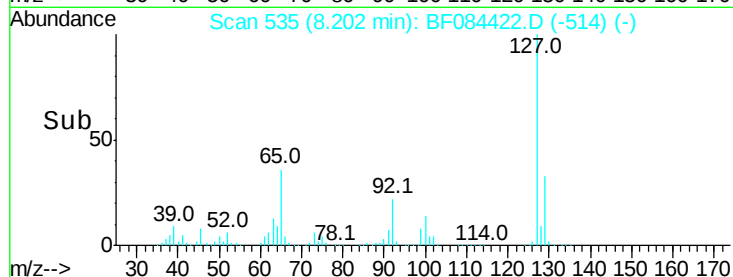
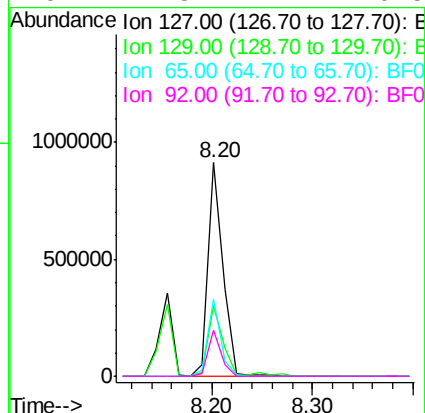
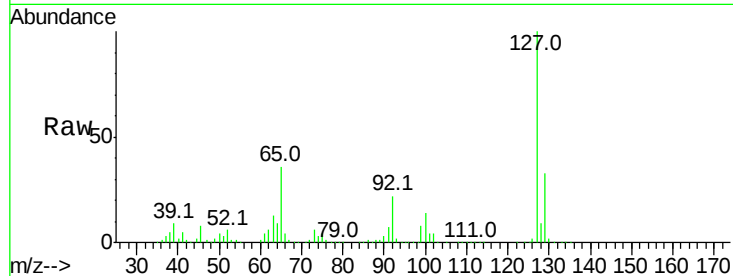
#33
4-Chloroaniline
Concen: 35.58 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.5	39.7		
65	36.0	27.2	40.8		
92	21.8	17.7	26.5		

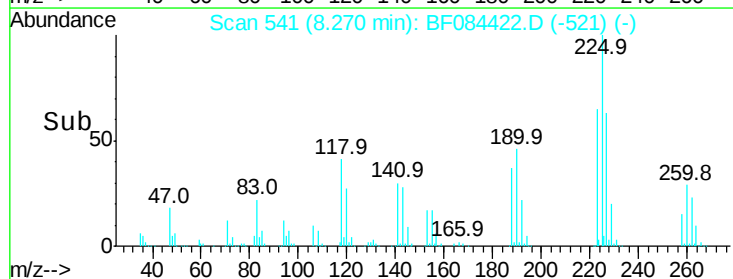
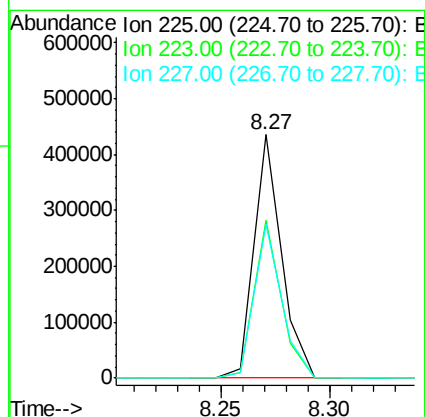
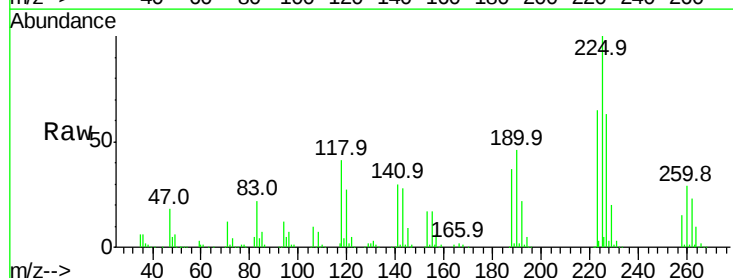
Manual Integrations
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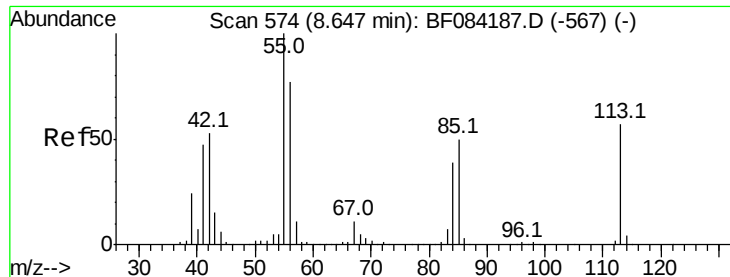
MMdadoda
1/13/2016 3:29:42 PM



#34
Hexachlorobutadiene
Concen: 36.52 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	49.4	74.0		
227	63.2	50.8	76.2		





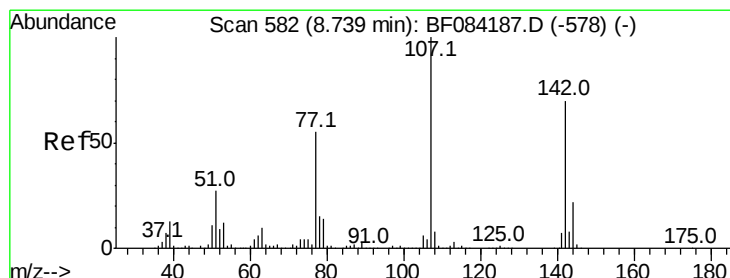
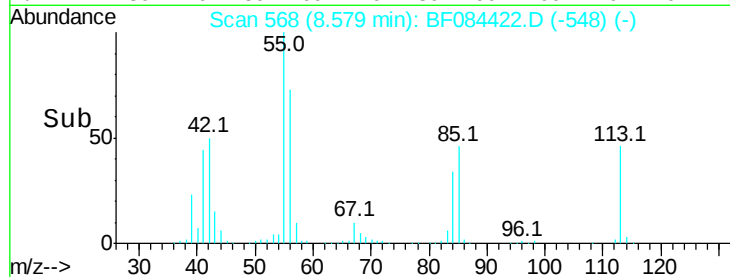
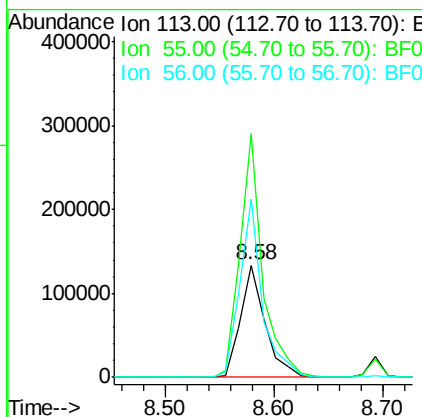
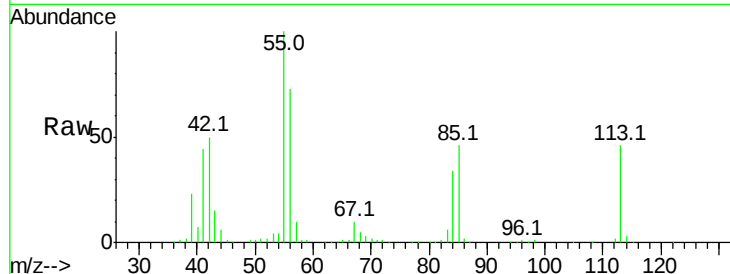
#35
 Caprolactam
 Concen: 35.11 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.07 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.7	116.9	156.9#
56	158.7	93.8	133.8#

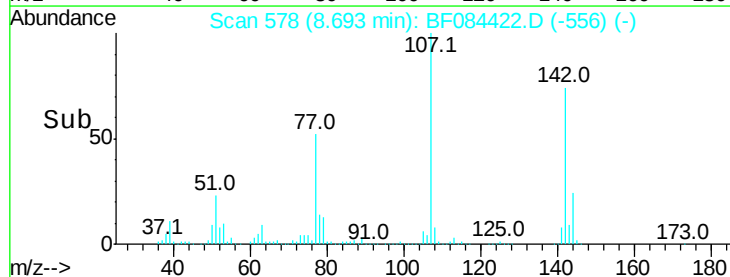
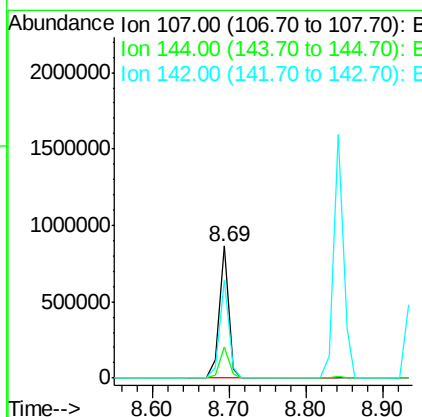
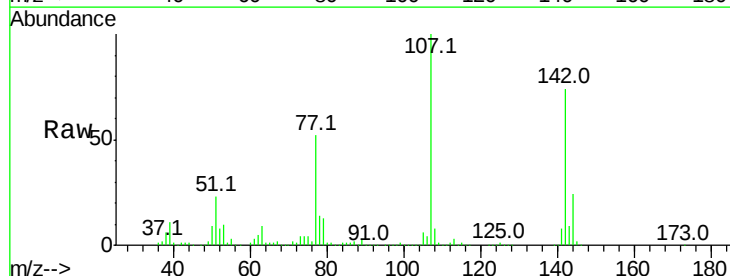
Manual Integrations
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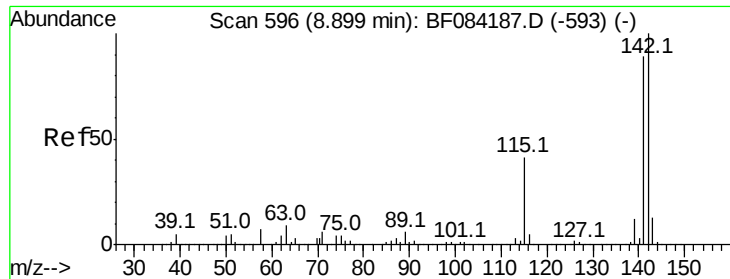
MMdadoda
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#36
 4-Chloro-3-methylphenol
 Concen: 36.77 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.7	29.5
142	73.9	61.8	92.6





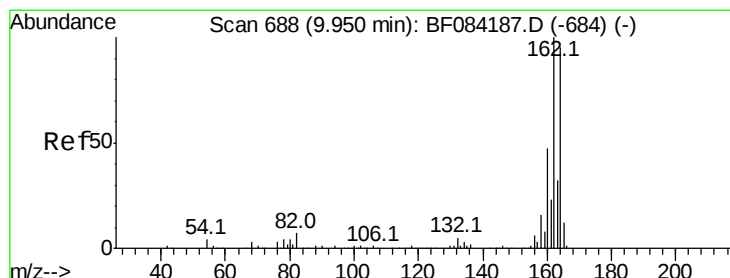
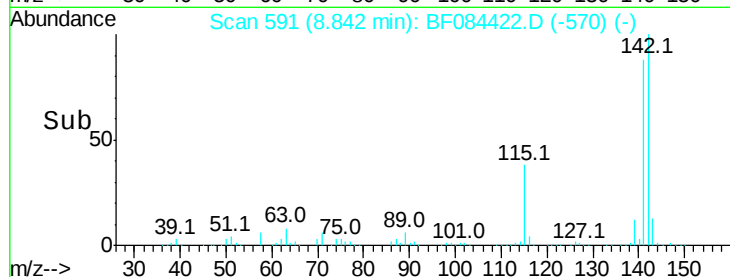
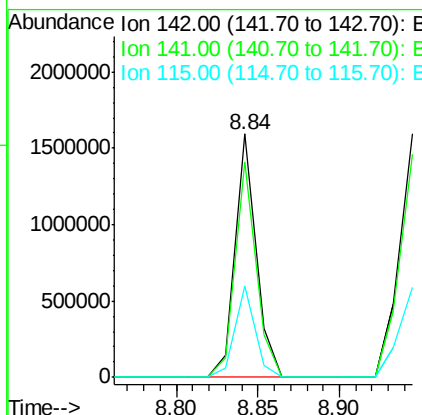
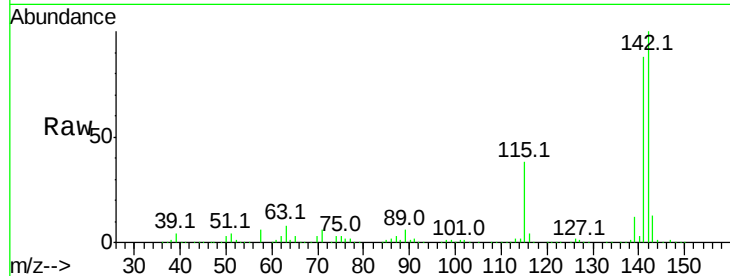
#37
2-Methylnaphthalene
Concen: 34.39 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 1413146
Ion Ratio Lower Upper
142 100
141 88.4 72.4 108.6
115 37.7 27.9 41.9

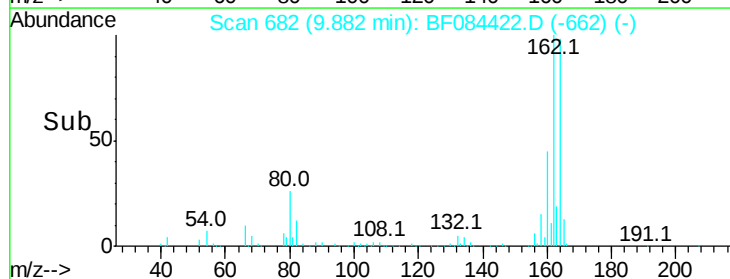
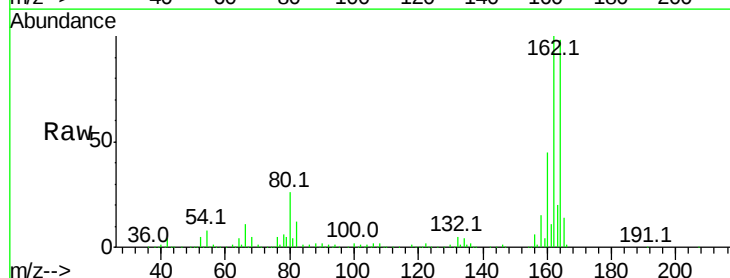
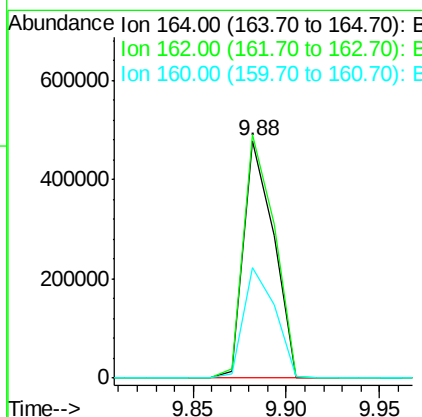
Manual Integrations
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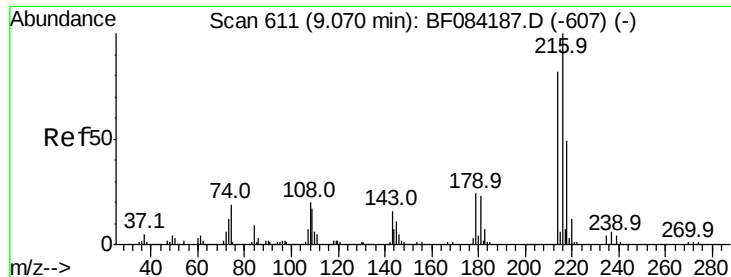
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion:164 Resp: 535935
Ion Ratio Lower Upper
164 100
162 102.4 85.1 127.7
160 46.5 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.51 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

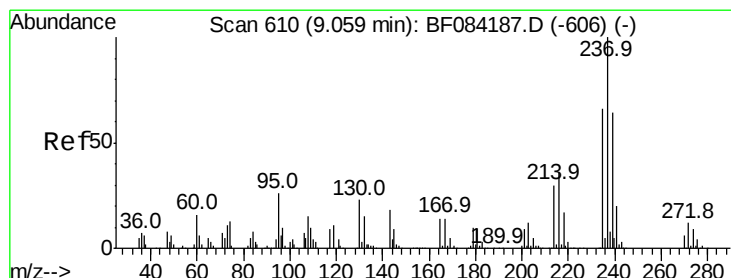
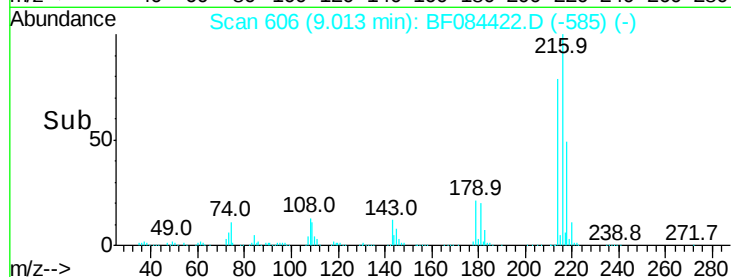
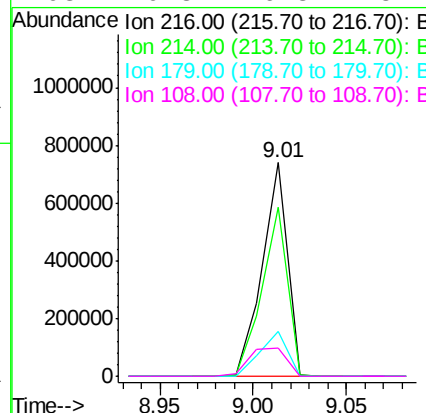
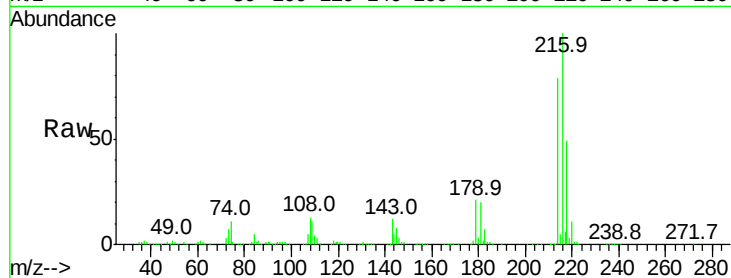
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	685778		
214	79.7	64.2	96.2	
179	22.5	18.7	28.1	
108	20.3	16.8	25.2	



#40

Hexachlorocyclopentadiene

Concen: 39.41 ng

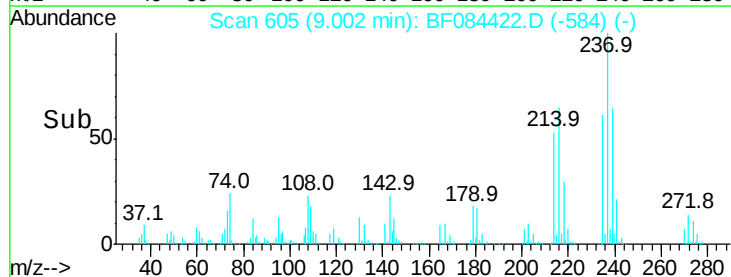
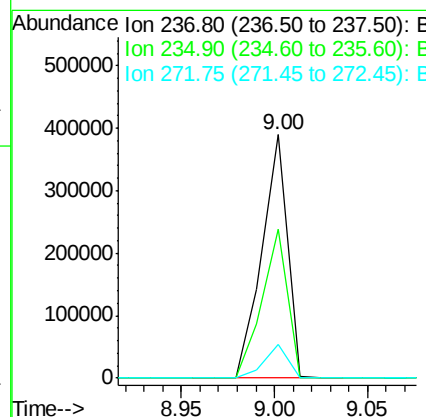
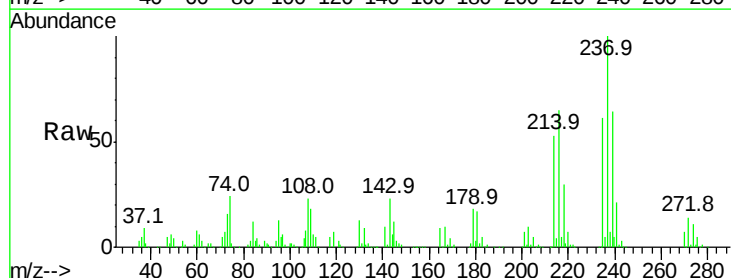
RT: 9.00 min Scan# 605

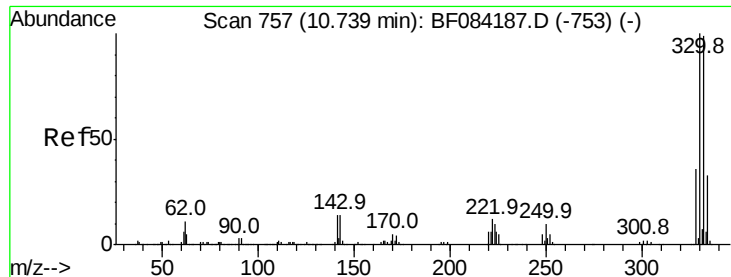
Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	366519		
235	60.9	43.1	83.1	
272	13.9	0.0	35.1	





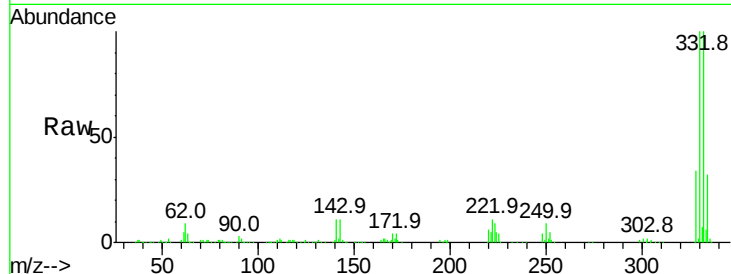
#41
 2,4,6-Tribromophenol
 Concen: 79.73 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.2	76.6	114.8	
141	31.9	27.8	41.6	

Manual Integrations
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MMdadoda
 1/13/2016 3:29:42 PM

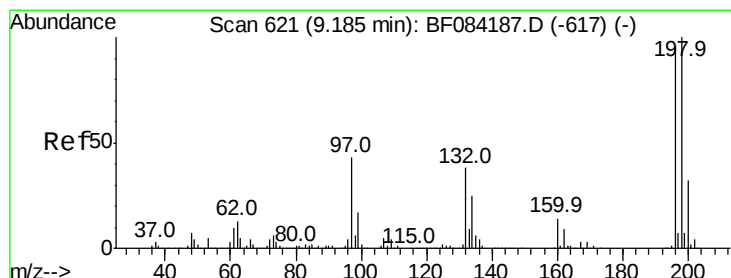
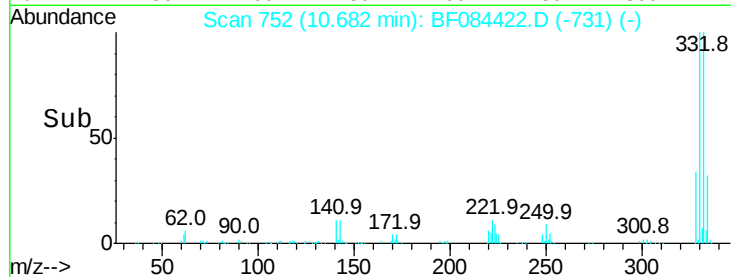
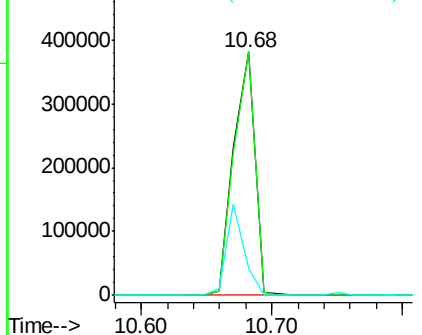


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.41 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.06 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

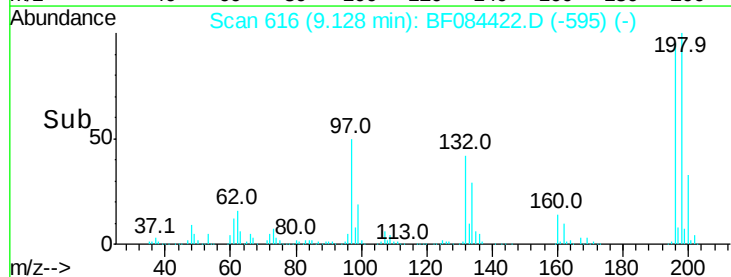
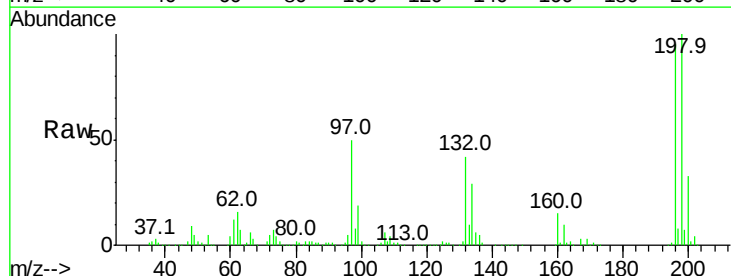
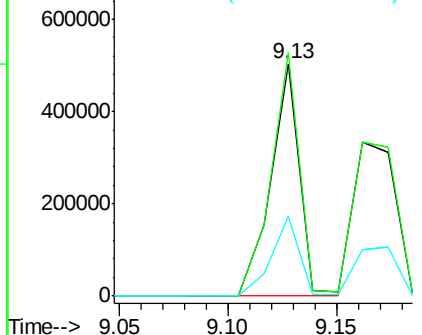
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.8	77.7	116.5	
200	34.3	24.6	37.0	

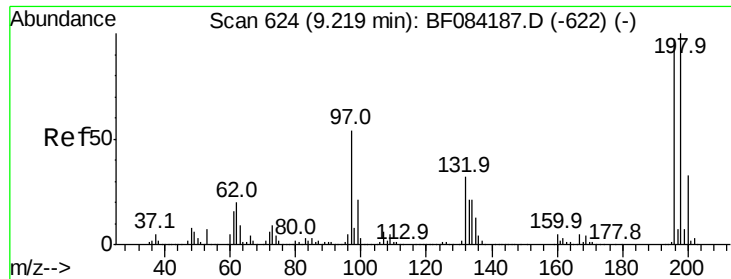
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





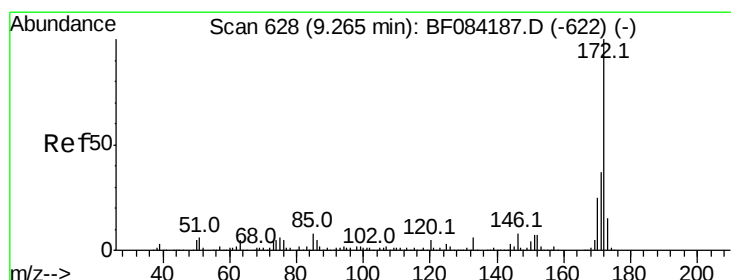
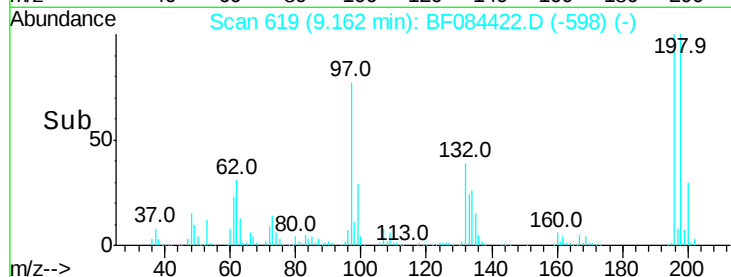
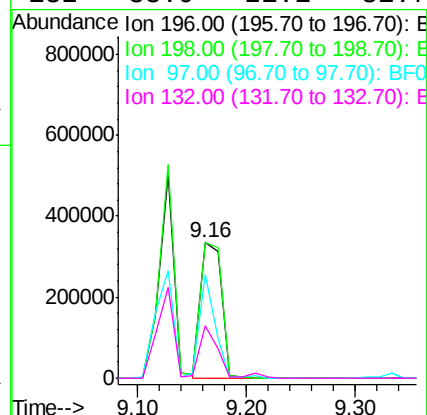
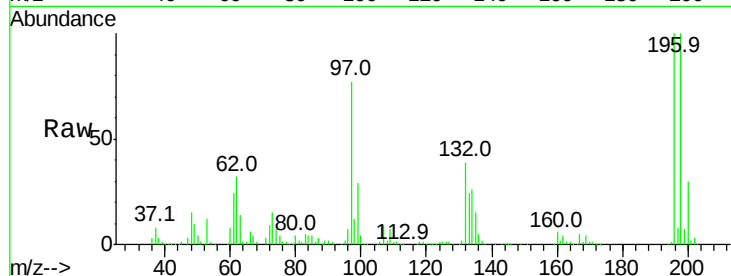
#43
 2,4,5-Trichlorophenol
 Concen: 40.95 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	452513
Ion Ratio	Lower	Upper	
196	100		
198	99.8	79.0	118.6
97	77.0	33.0	49.6#
132	38.9	21.1	31.7#

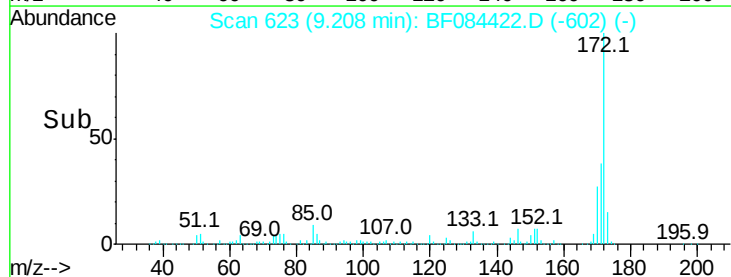
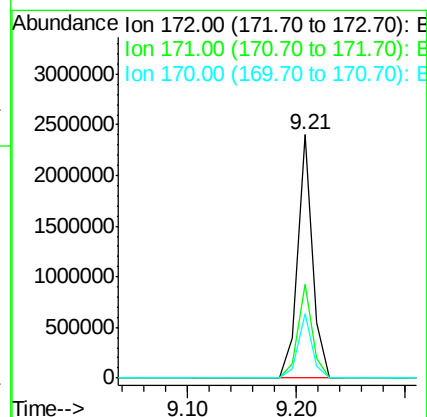
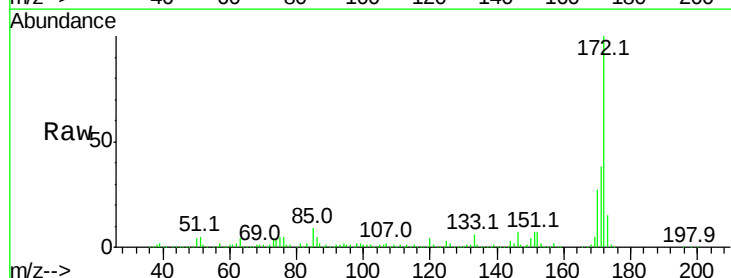
Manual Integrations
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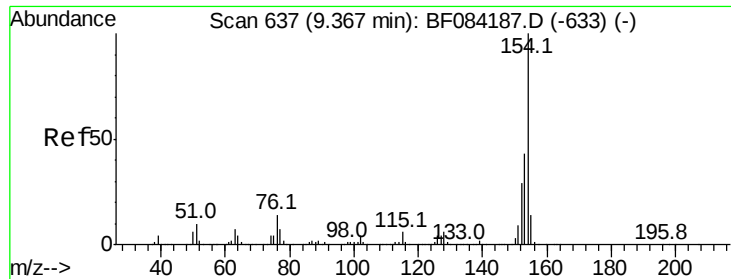
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 74.68 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Tgt Ion:	172	Resp:	2298537
Ion Ratio	Lower	Upper	
172	100		
171	38.3	28.9	43.3
170	26.6	18.6	27.8





#45

1,1'-Biphenyl

Concen: 42.72 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1819716

Ion Ratio Lower Upper

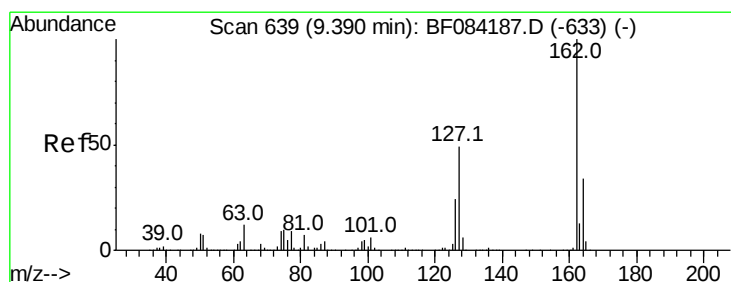
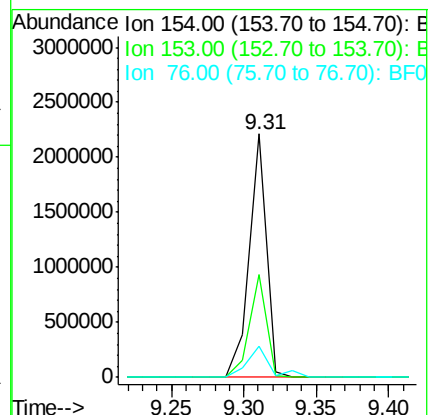
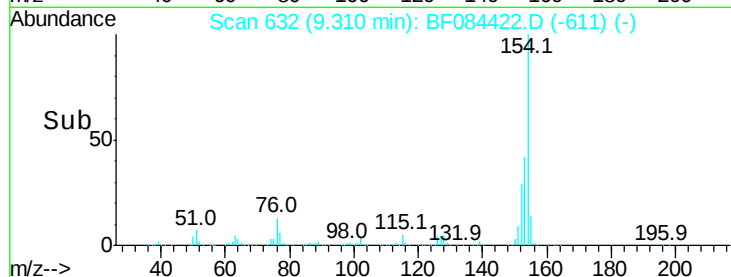
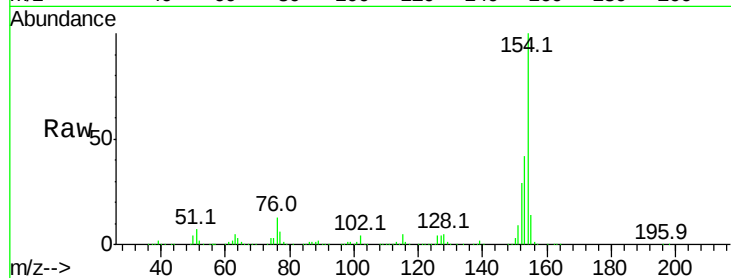
154 100

153 42.4 21.6 61.6

76 12.7 0.0 32.7

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 40.40 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

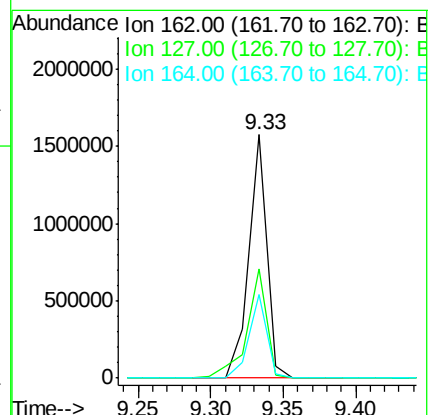
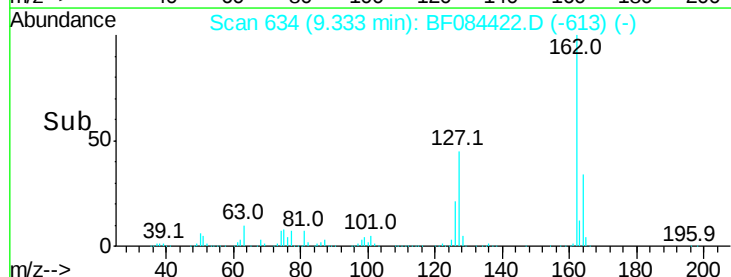
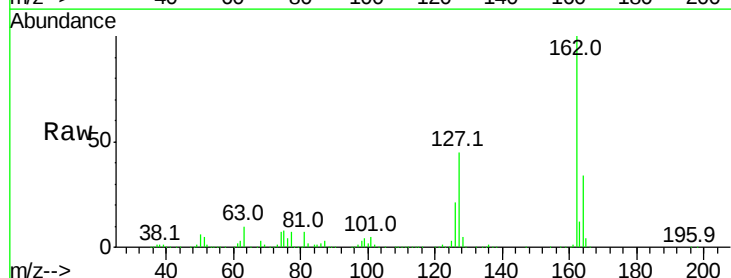
Tgt Ion:162 Resp: 1351647

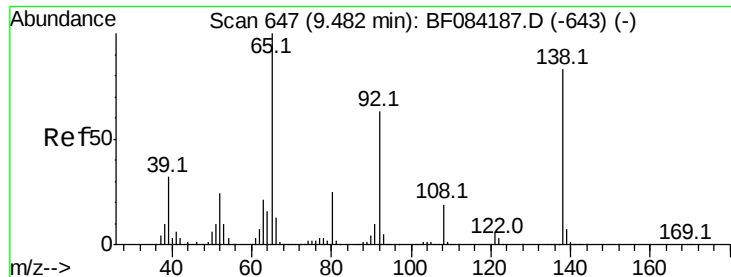
Ion Ratio Lower Upper

162 100

127 44.9 40.2 60.4

164 34.2 25.7 38.5





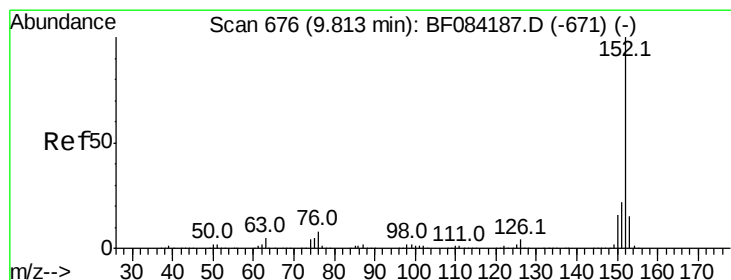
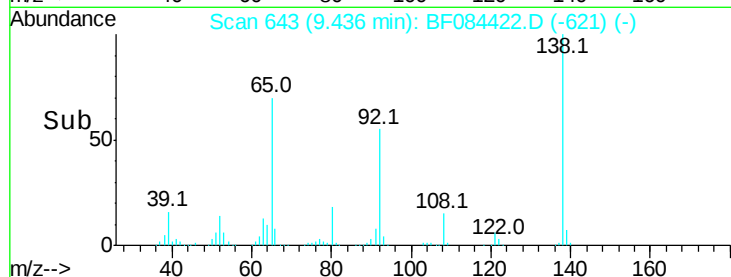
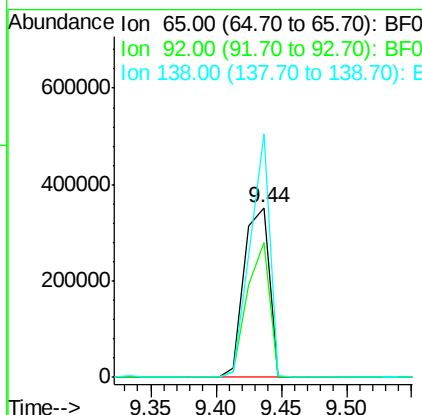
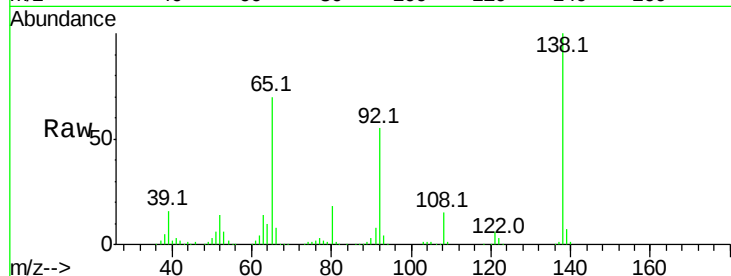
#47
2-Nitroaniline
Concen: 42.84 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.3	53.4	80.2
138	143.4	71.1	106.7

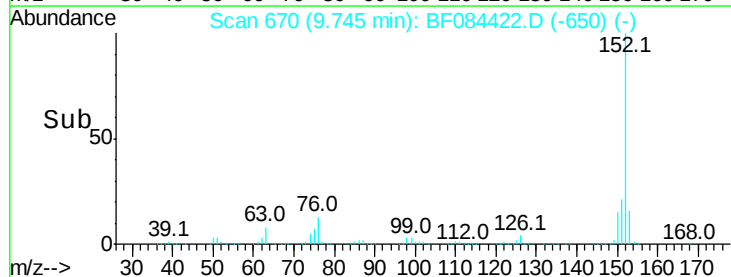
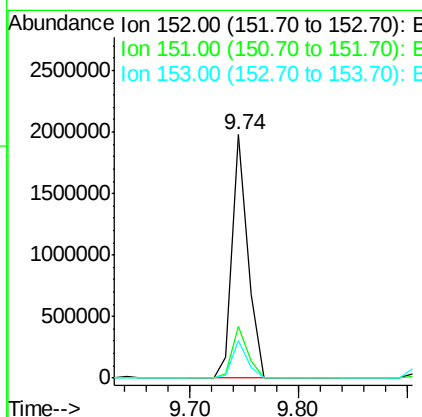
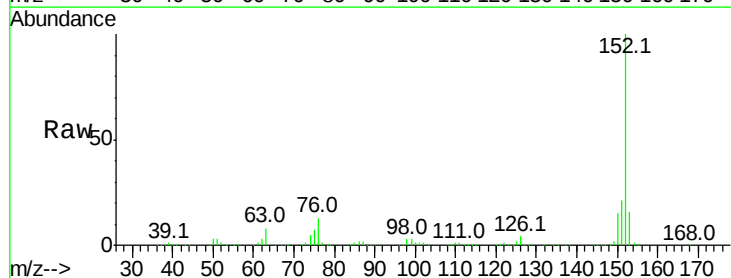
Manual Integrations
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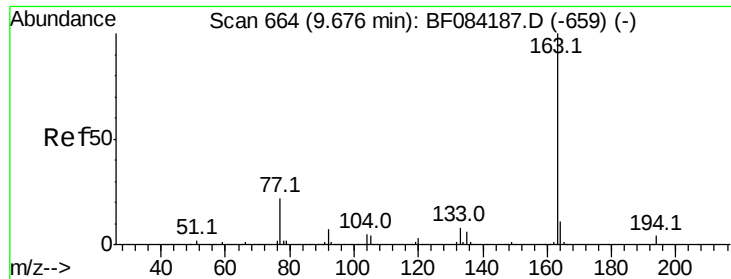
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#48
Acenaphthylene
Concen: 39.33 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.07 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	15.5	10.4	15.6





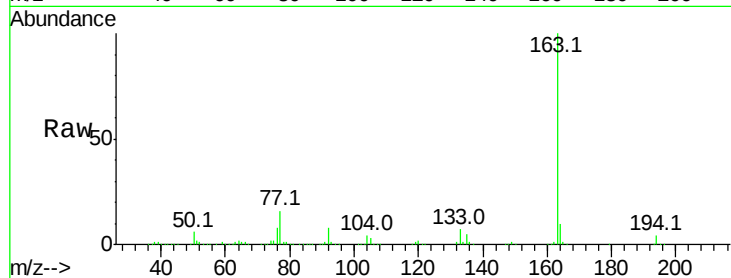
#49
Dimethylphthalate
Concen: 42.38 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	10.4	8.0	12.0

Manual Integrations
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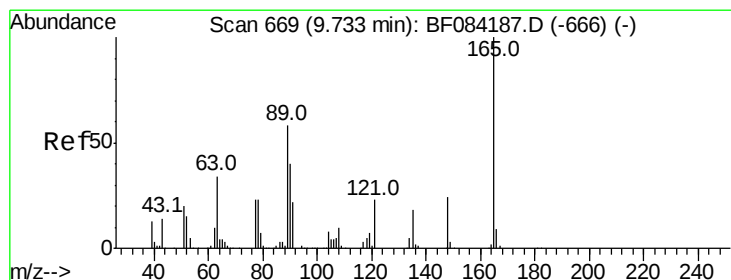
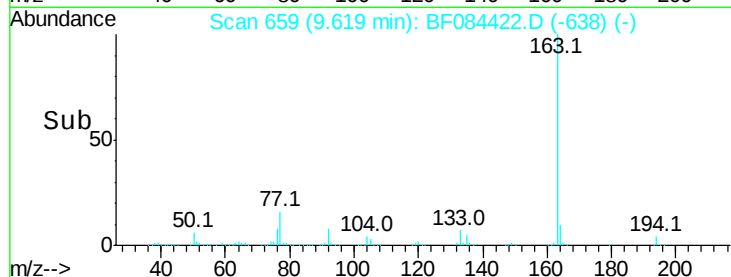
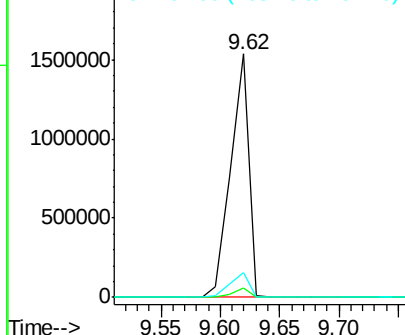


Abundance

Ion 163.00 (162.70 to 163.70): E

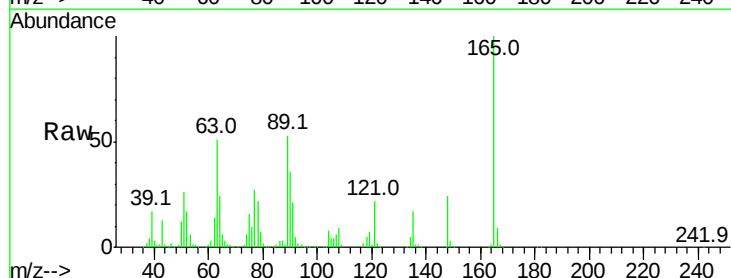
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 45.29 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	28.8	43.2#
89	53.5	35.1	52.7#

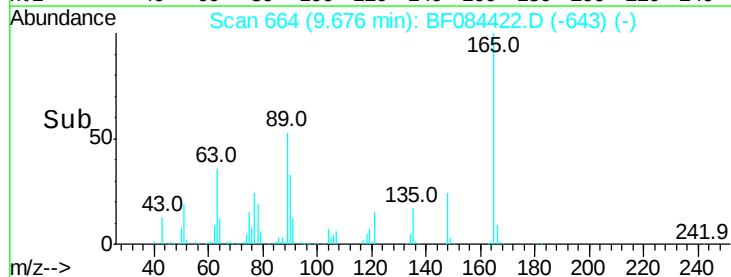
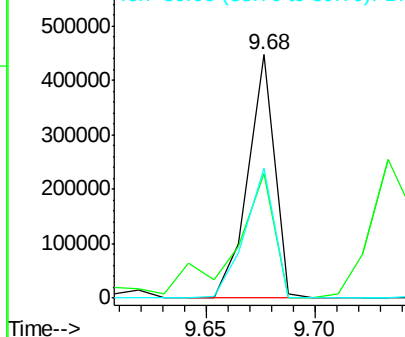


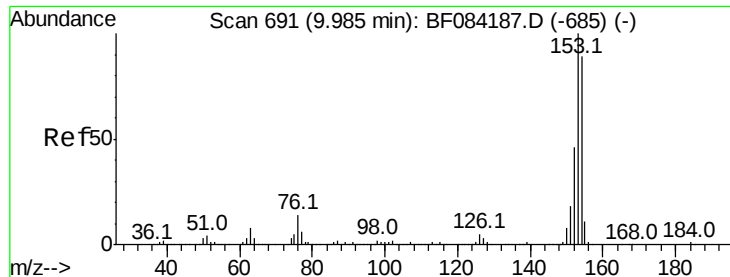
Abundance

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: 39.46 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1308450

Ion Ratio Lower Upper

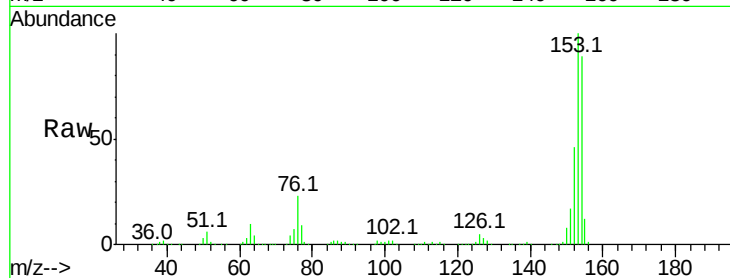
154 100

153 112.6 91.5 137.3

152 52.1 43.0 64.6

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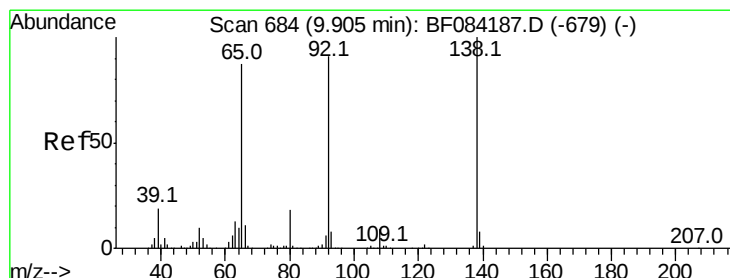
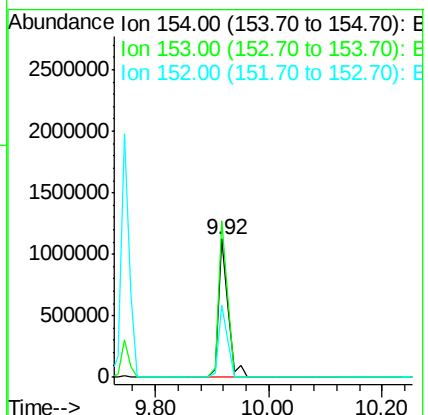
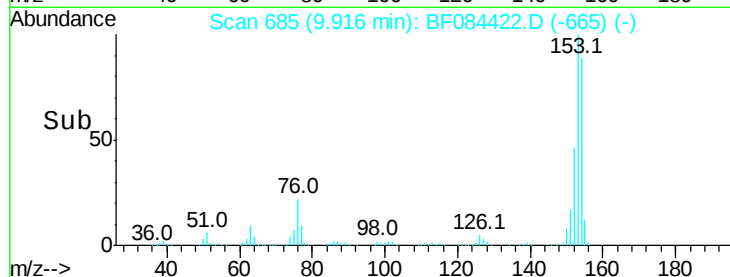
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.54 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

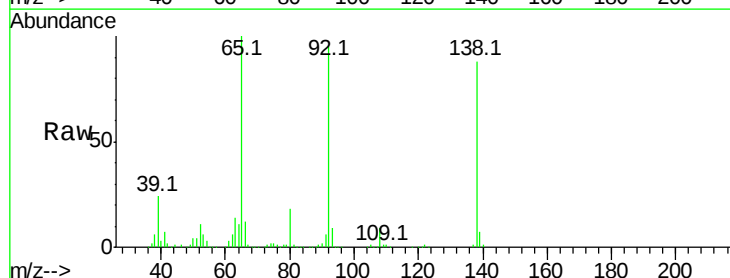
Tgt Ion:138 Resp: 463826

Ion Ratio Lower Upper

138 100

108 10.3 10.5 15.7#

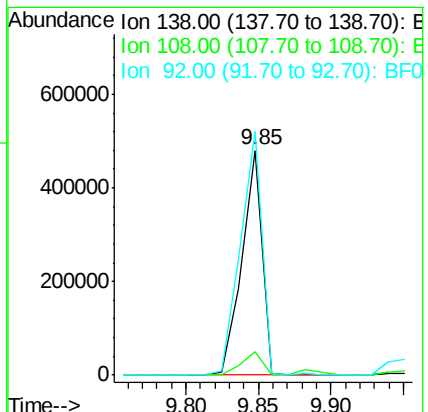
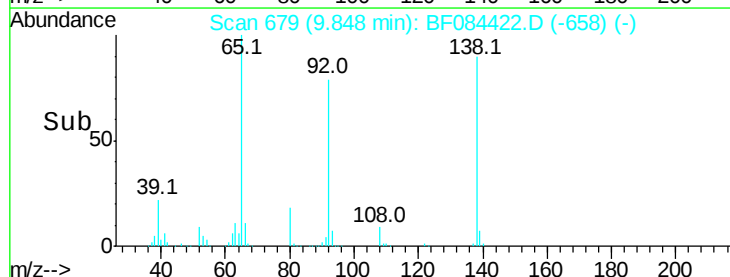
92 108.3 103.9 155.9

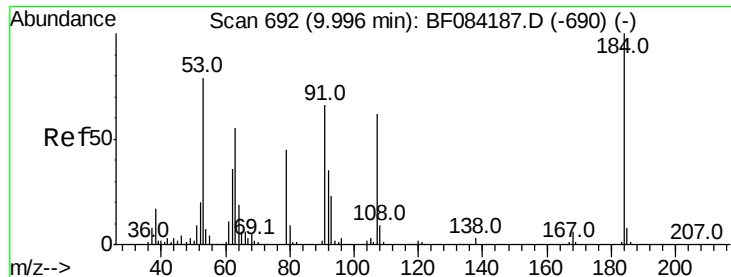


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 51.16 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.05 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

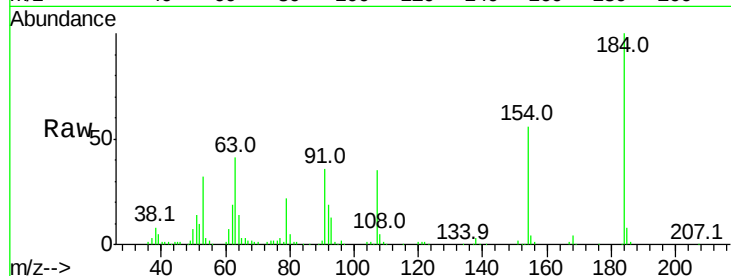
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	178344
Ion Ratio	Lower	Upper	
184	100		
63	40.8	43.1	64.7#
154	56.0	60.5	90.7#

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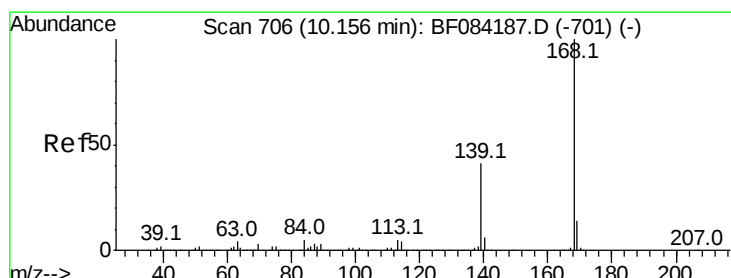
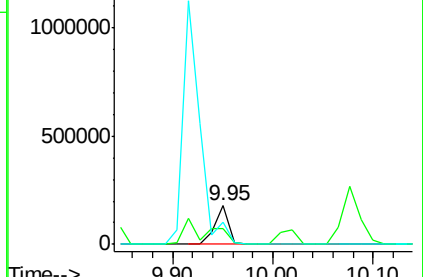
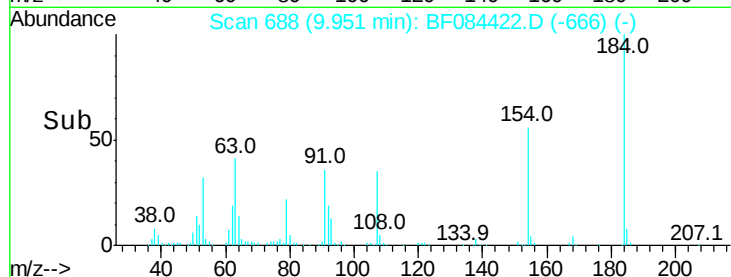
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.48 ng

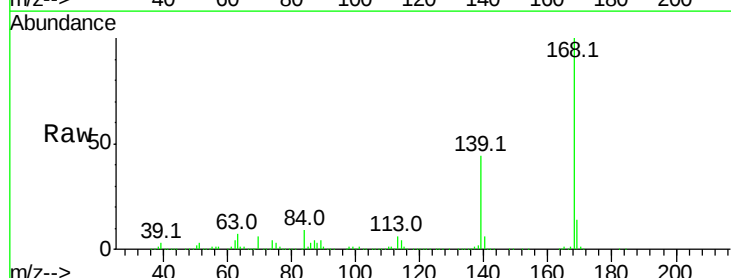
RT: 10.09 min Scan# 700

Delta R.T. -0.07 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

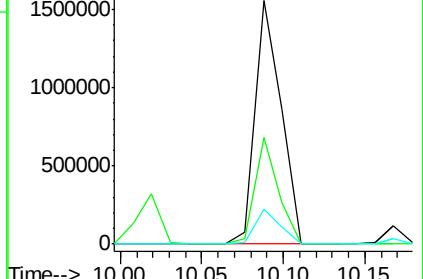
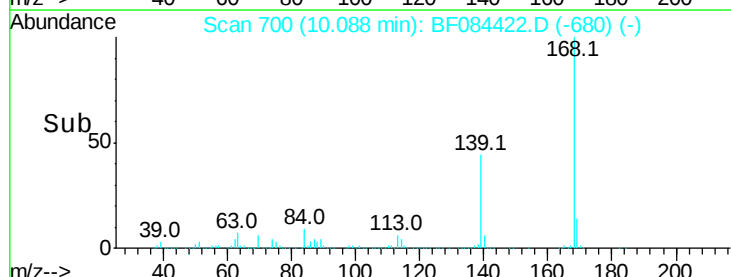
Tgt Ion:	168	Resp:	1710870
Ion Ratio	Lower	Upper	
168	100		
139	43.8	30.5	45.7
169	14.5	10.4	15.6

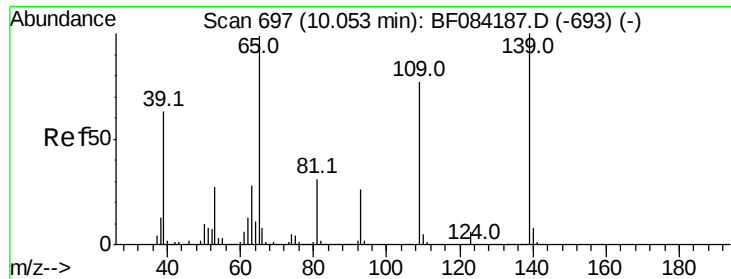


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





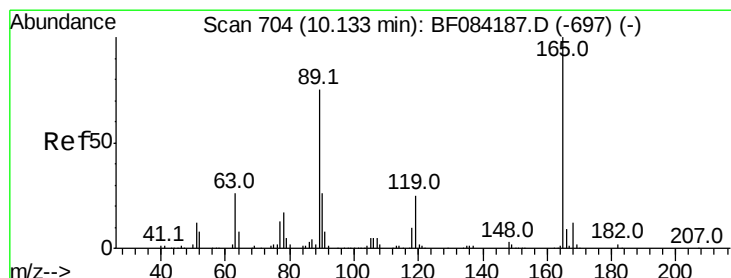
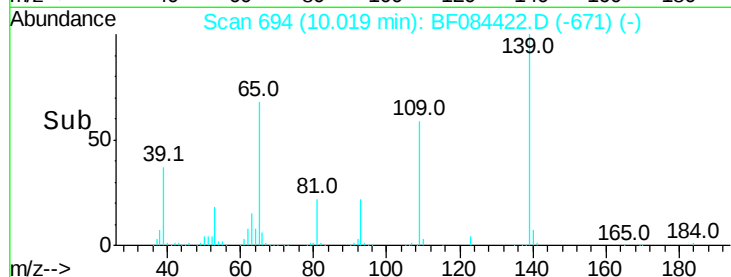
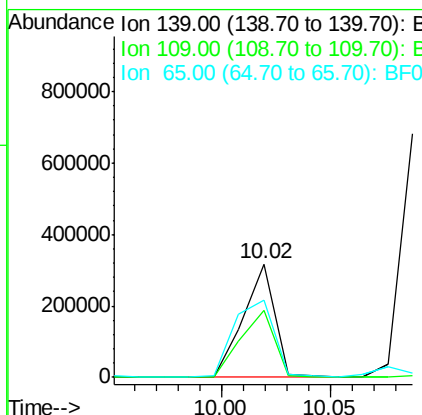
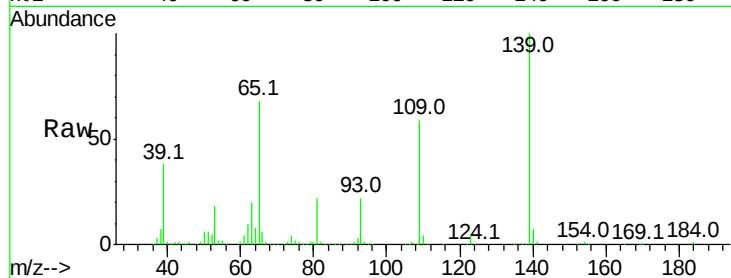
#55
4-Nitrophenol
Concen: 42.39 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.4	58.5	98.5	
65	68.3	57.6	97.6	

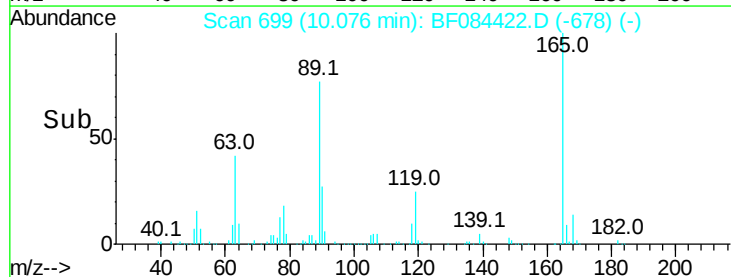
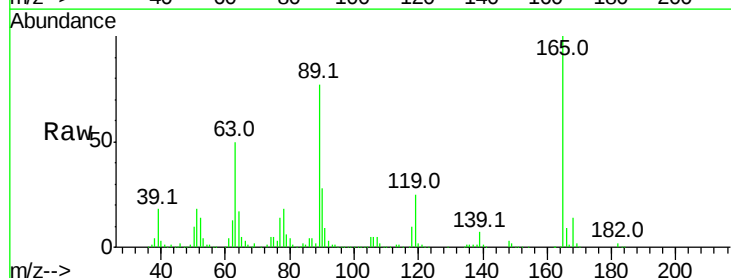
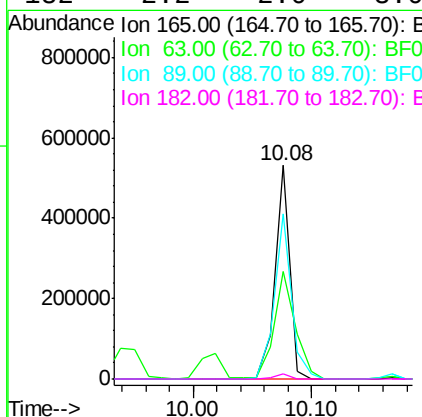
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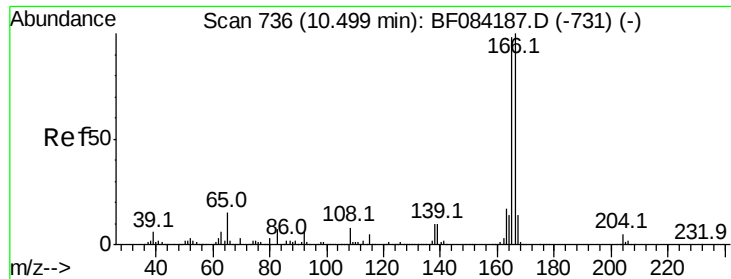
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#56
2,4-Dinitrotoluene
Concen: 42.65 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.1	36.7	55.1	
89	77.4	61.9	92.9	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 37.69 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1264527

Ion Ratio Lower Upper

166 100

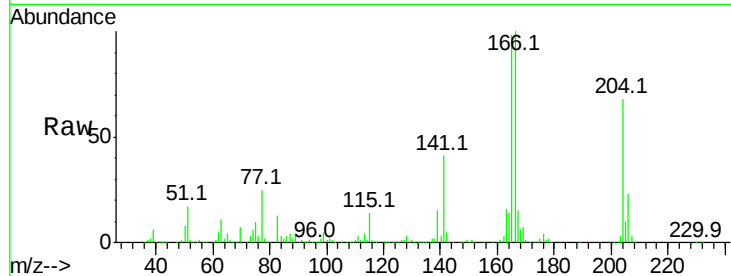
165 98.2 79.1 118.7

167 14.5 10.4 15.6

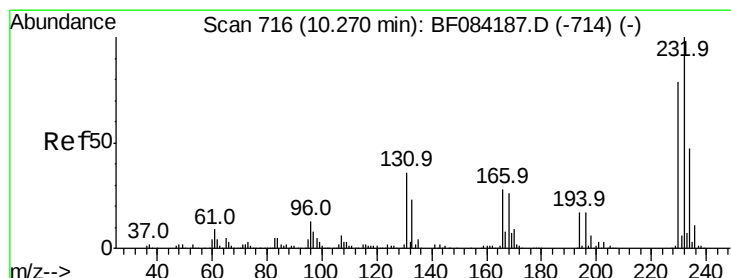
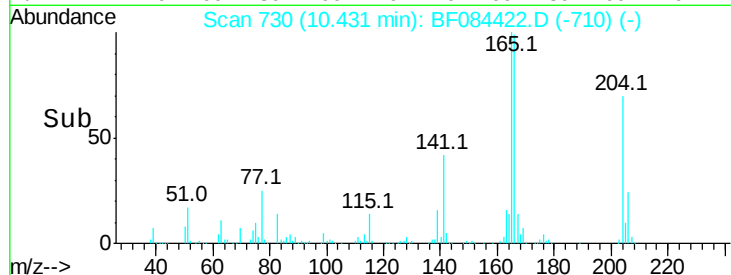
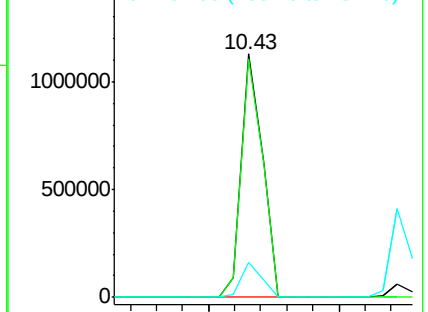
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.99 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion:232 Resp: 386716

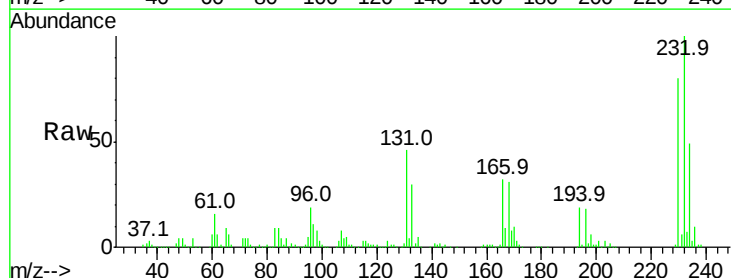
Ion Ratio Lower Upper

232 100

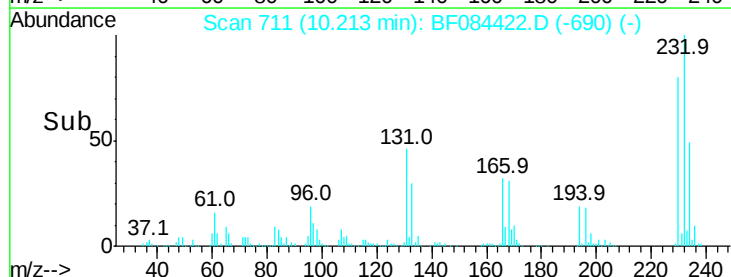
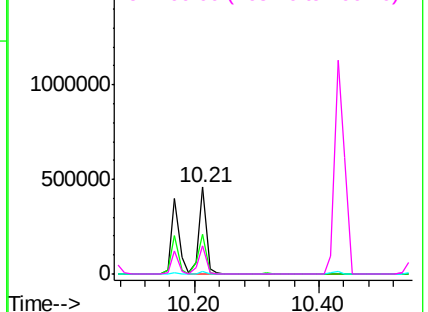
131 49.7 47.0 70.6

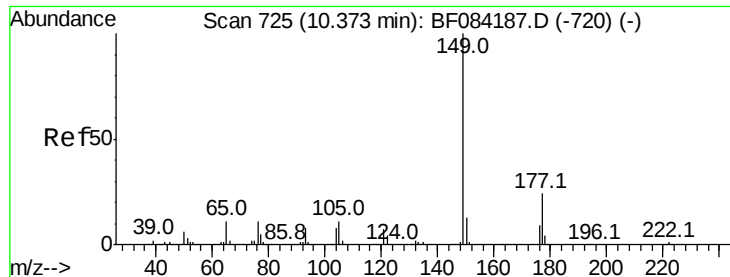
130 2.5 2.0 3.0

166 32.9 30.5 45.7



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





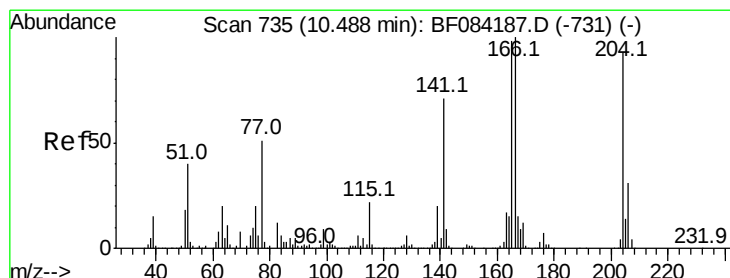
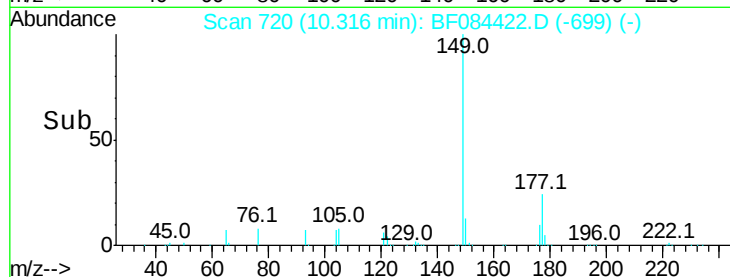
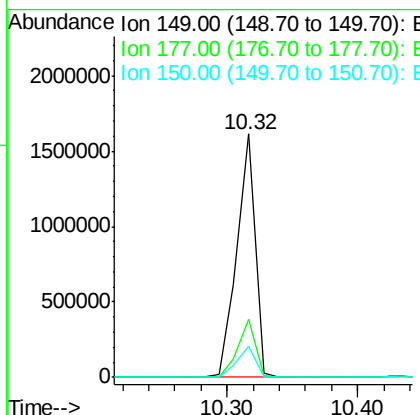
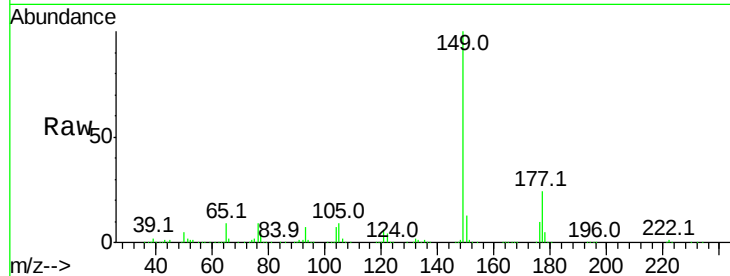
#59
Diethylphthalate
Concen: 41.34 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	17.3	25.9
150	13.0	9.8	14.8

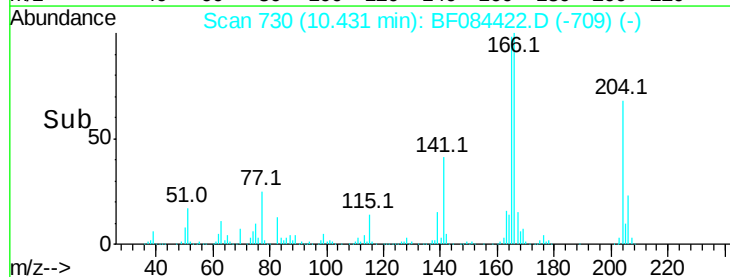
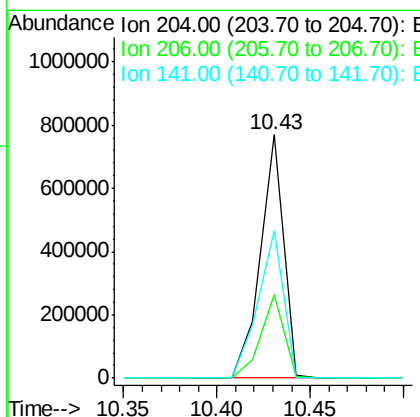
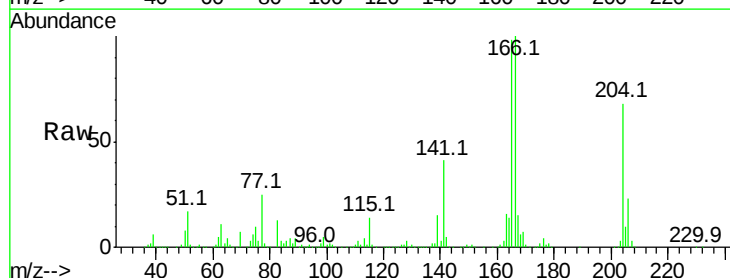
Manual Integrations
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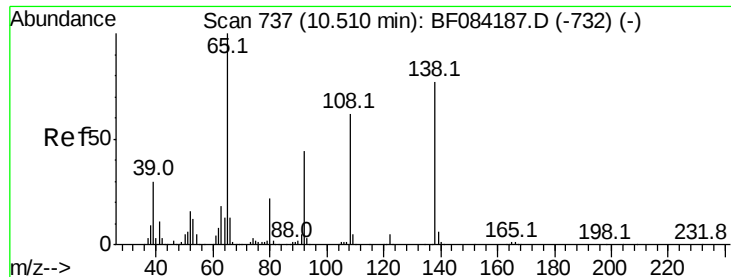
MMdadoda
1/13/2016 3:29:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.37 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.7	38.5
141	60.6	55.1	82.7





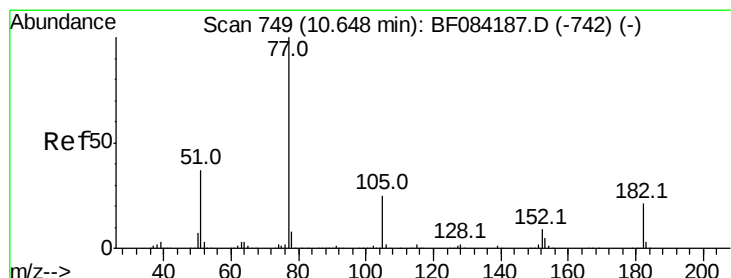
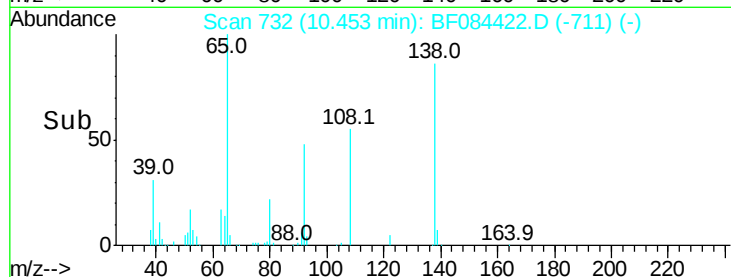
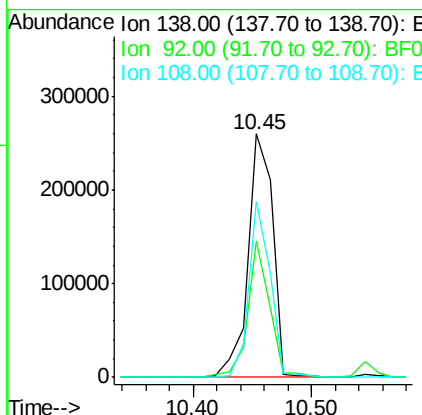
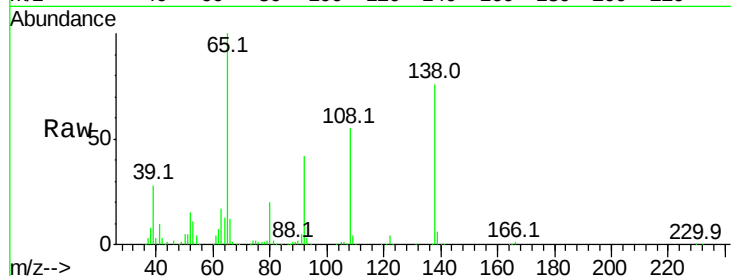
#61
4-Nitroaniline
Concen: 40.85 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

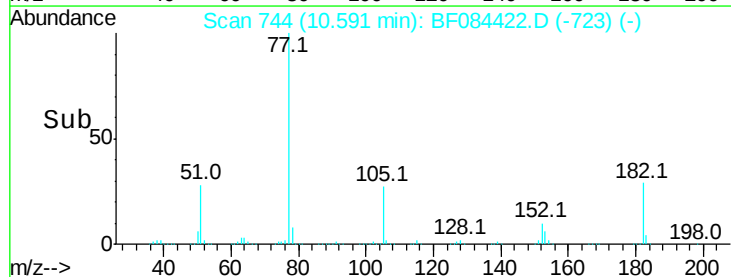
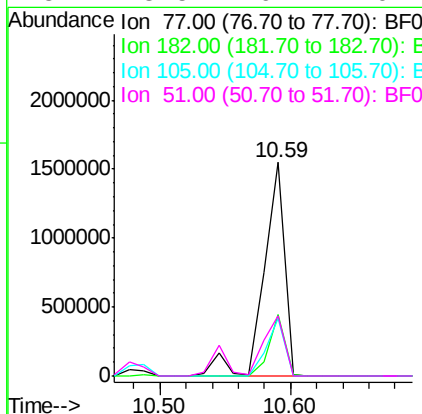
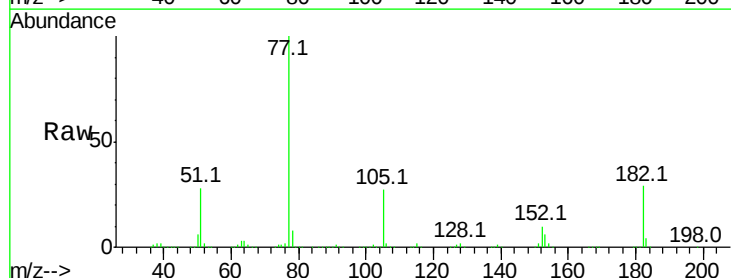
MMdadoda
1/13/2016 3:29:42 PM

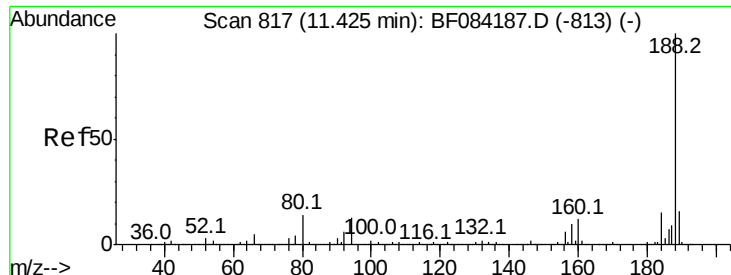
Tot Ion	Ratio	Lower	Upper
138	100		
92	55.9	32.6	72.6
108	72.1	68.6	108.6



#62
Azobenzene
Concen: 41.99 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.3	48.3
105	26.8	4.6	44.6
51	28.5	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

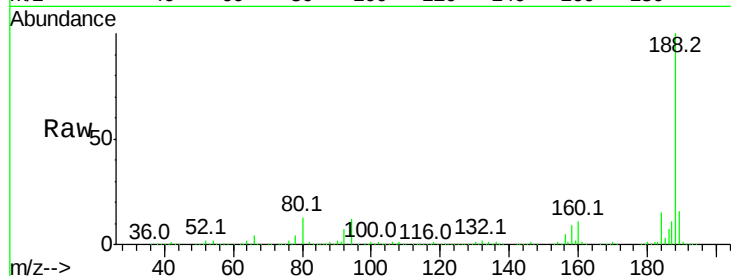
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7	9.0	13.4	
80	12.7	9.6	14.4	

Manual Integrations
APPROVED

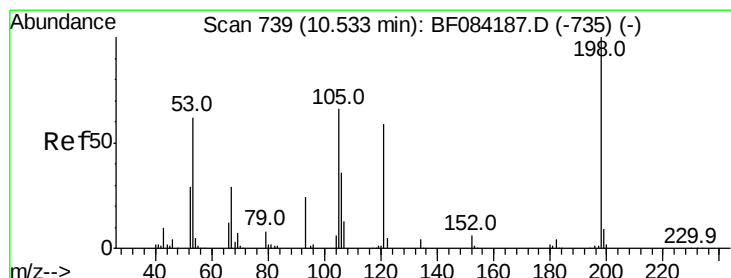
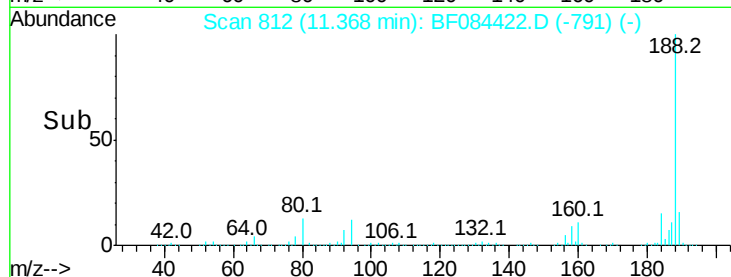
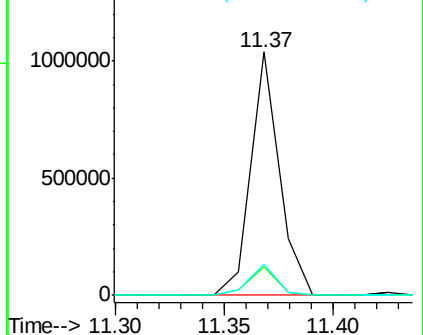
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.67 ng

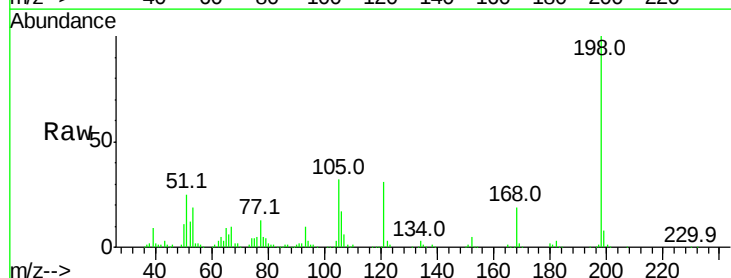
RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

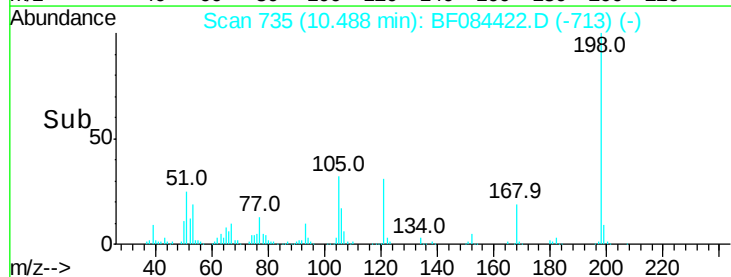
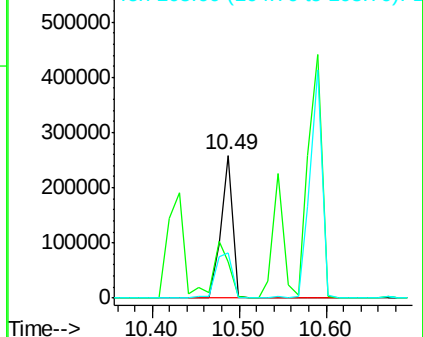
Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	25.1	18.9	58.9	
105	31.9	26.4	66.4	

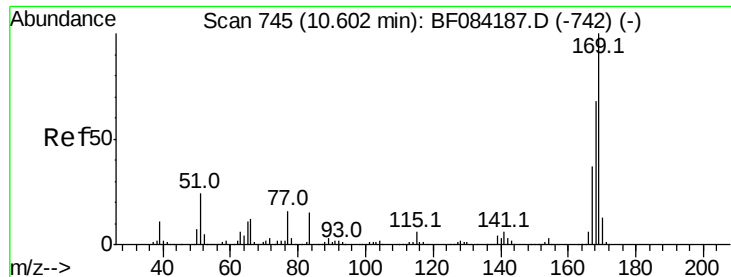


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.07 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 1155027

Ion Ratio Lower Upper

169 100

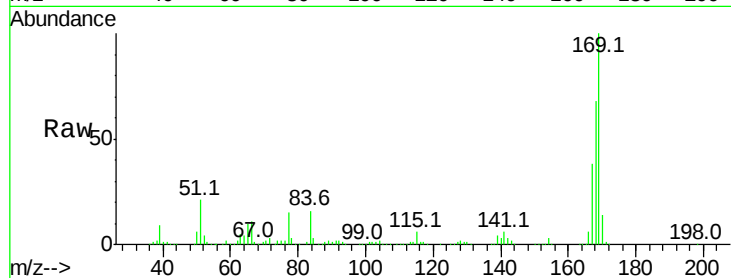
168 68.4 55.1 82.7

167 37.6 30.0 45.0

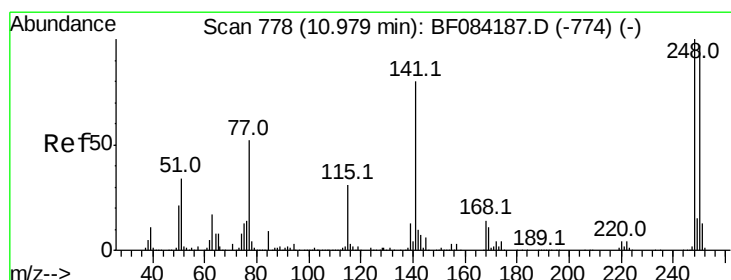
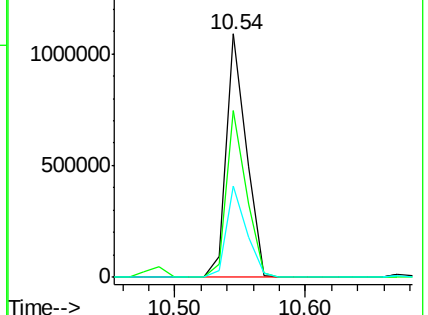
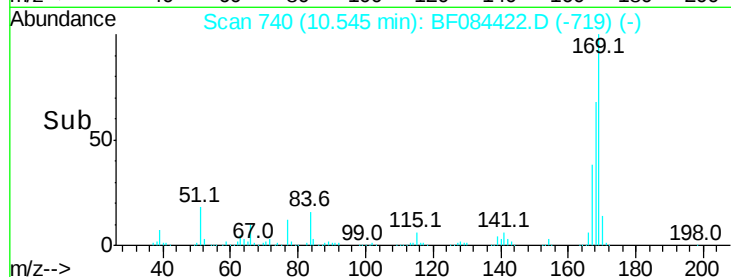
Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.70 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

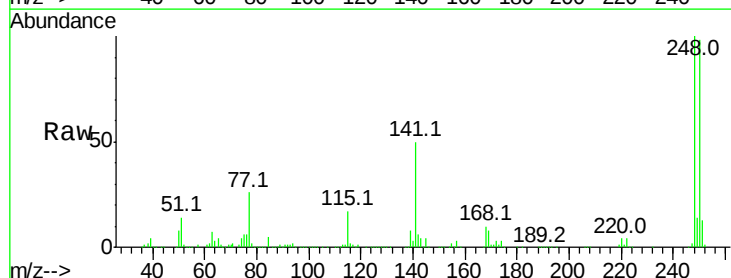
Tgt Ion:248 Resp: 436139

Ion Ratio Lower Upper

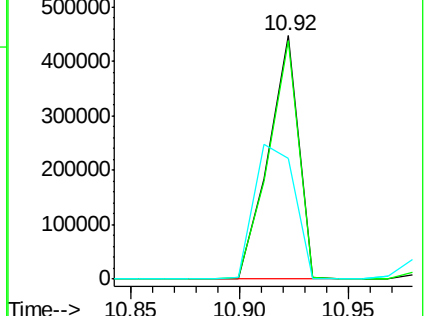
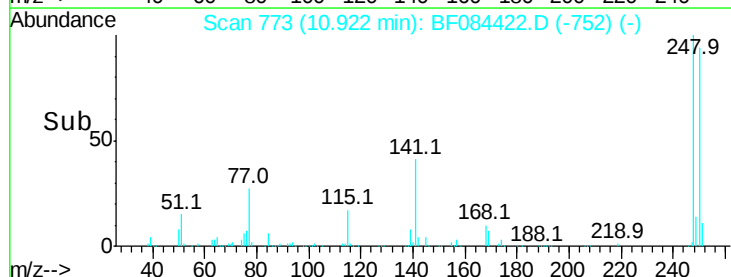
248 100

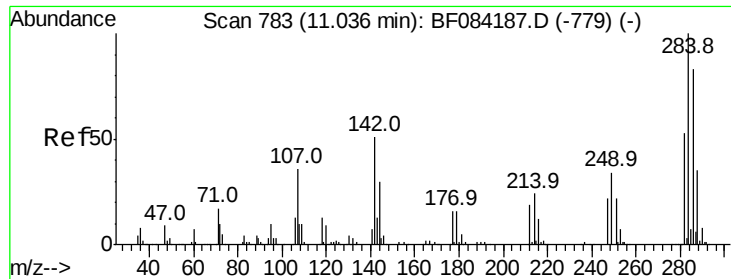
250 97.9 78.4 117.6

141 49.6 44.0 66.0



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: 37.16 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

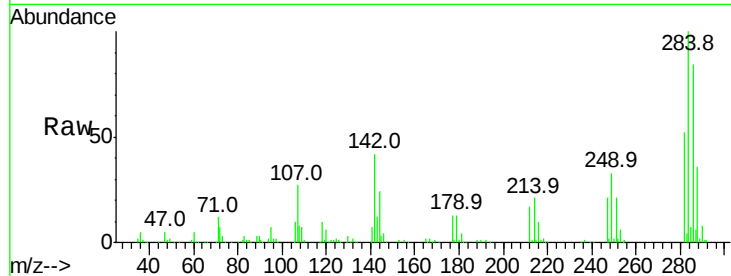
ClientSampleId :

SSTDCCC040EC

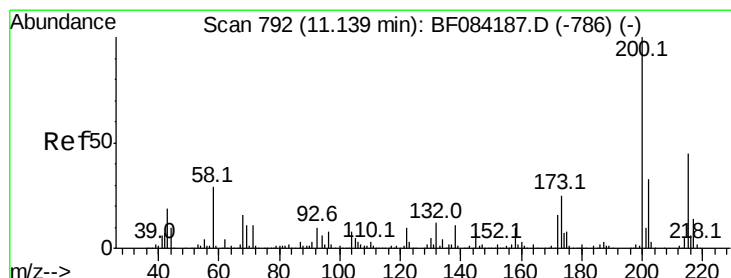
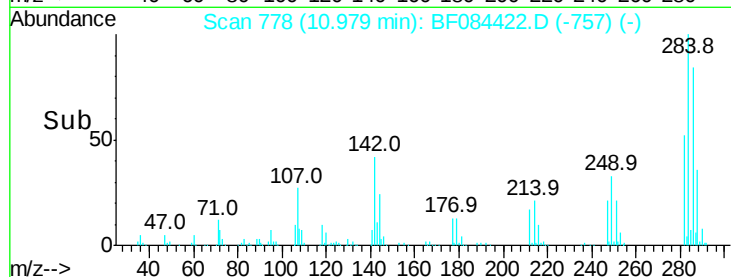
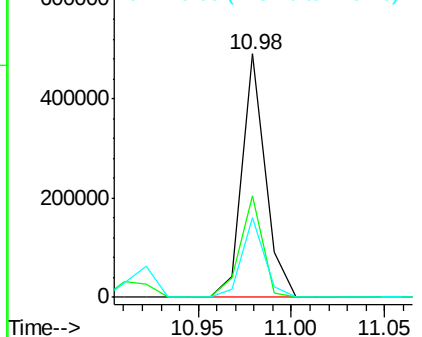
Tot Ion:	284	Resp:	427211
Ion Ratio		Lower	Upper
284	100		
142	41.8	22.2	33.4#
249	32.9	24.6	37.0

Manual Integrations
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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: 42.42 ng

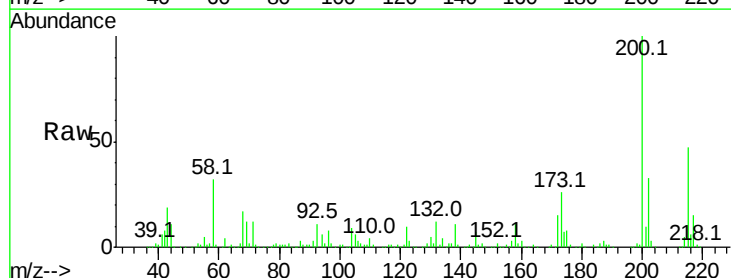
RT: 11.08 min Scan# 787

Delta R.T. -0.06 min

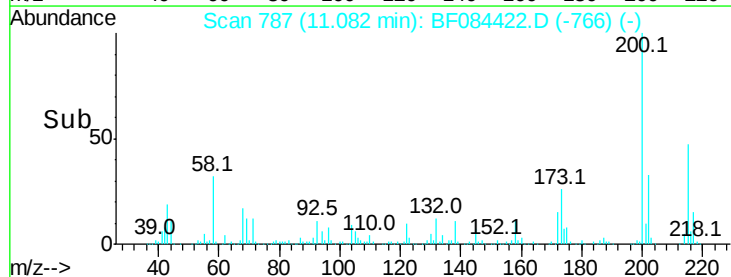
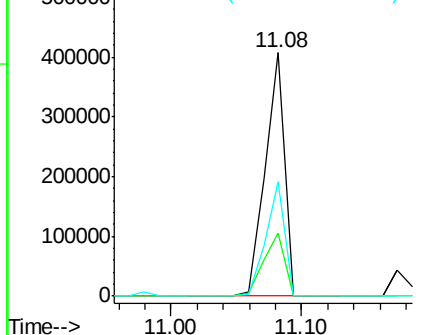
Lab File: BF084422.D

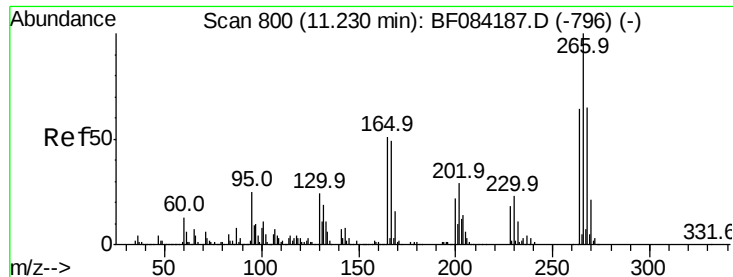
Acq: 12 Jan 2016 20:52

Tgt Ion:	200	Resp:	421202
Ion Ratio		Lower	Upper
200	100		
173	25.7	9.5	49.5
215	47.1	23.8	63.8



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





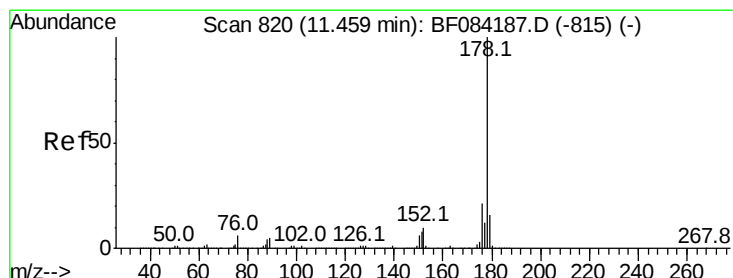
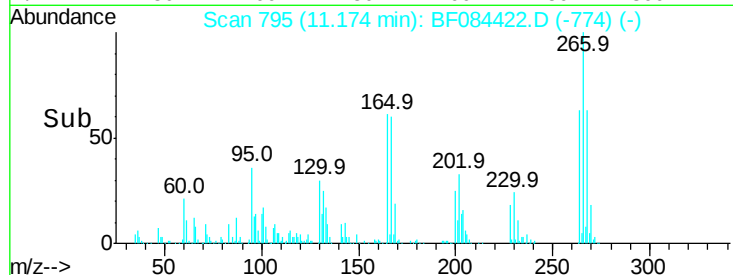
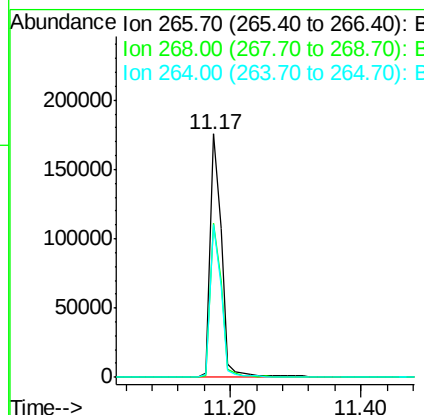
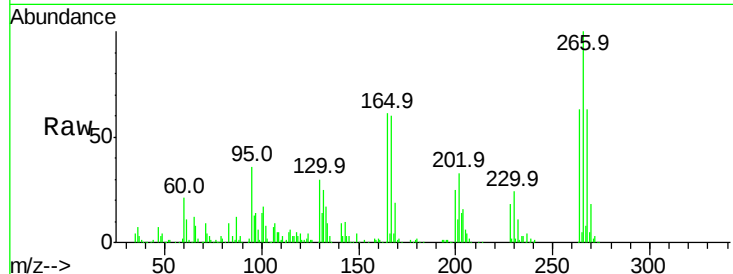
#69
 Pentachlorophenol
 Concen: 36.10 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	215168		
268	63.1	52.4	78.6	
264	63.0	50.2	75.2	

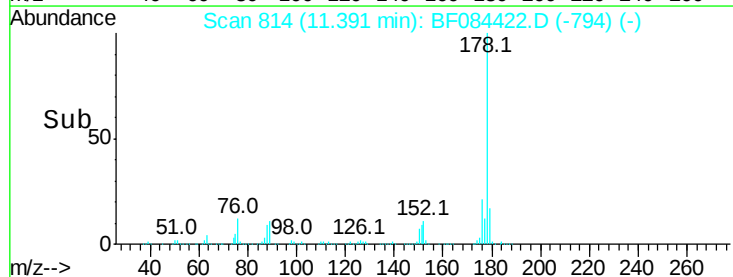
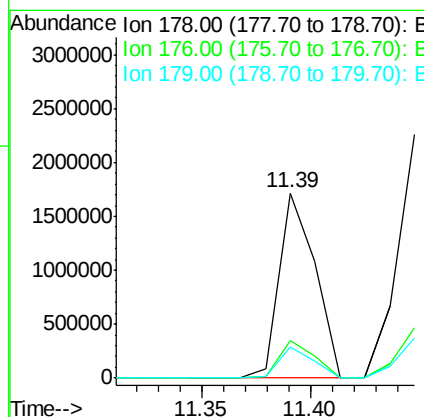
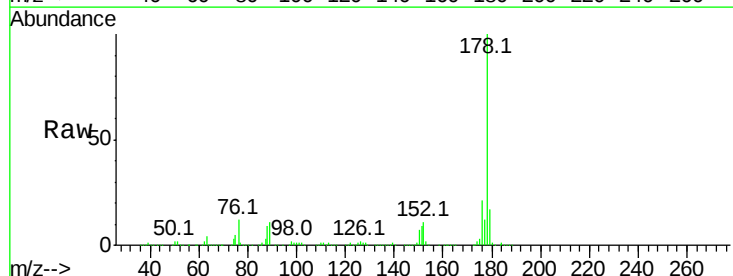
Manual Integrations
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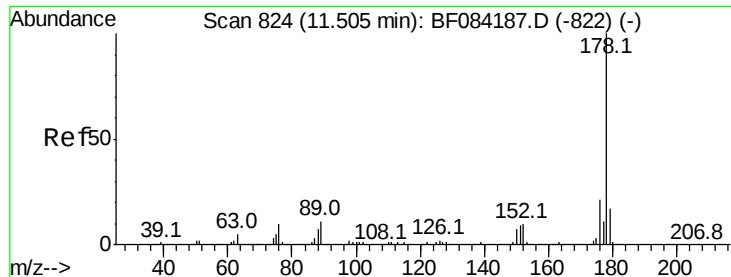
MMdadoda
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#70
 Phenanthrene
 Concen: 39.96 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.07 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1983503		
176	20.5	15.3	22.9	
179	16.8	12.0	18.0	





#71
 Anthracene
 Concen: 42.39 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.06 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

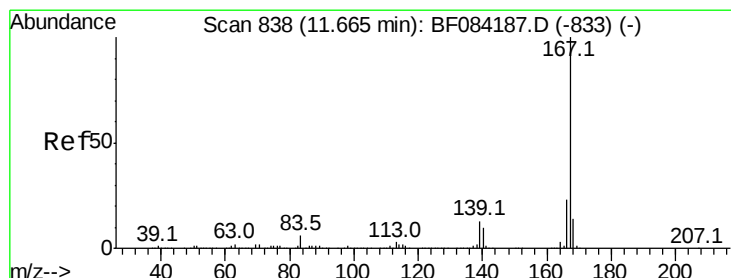
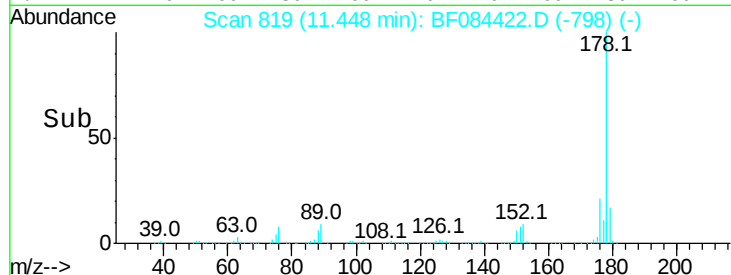
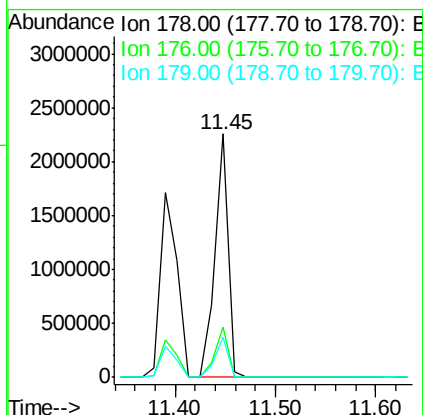
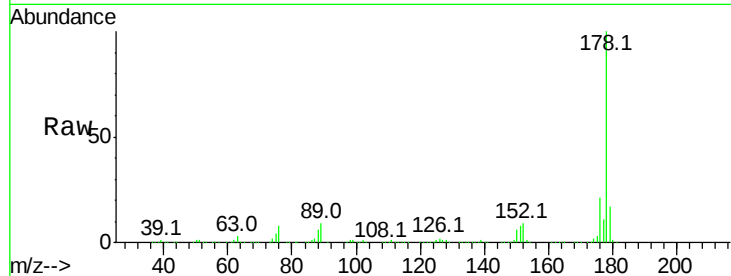
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 2062705

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.0
179	16.7	12.5	18.7

Manual Integrations
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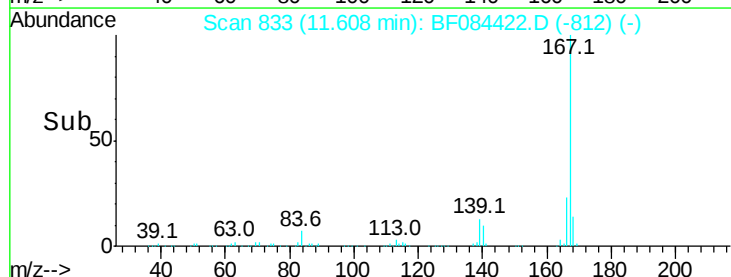
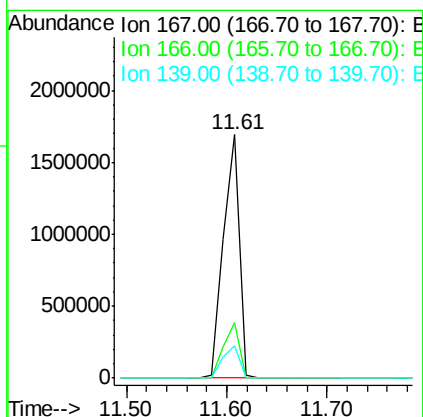
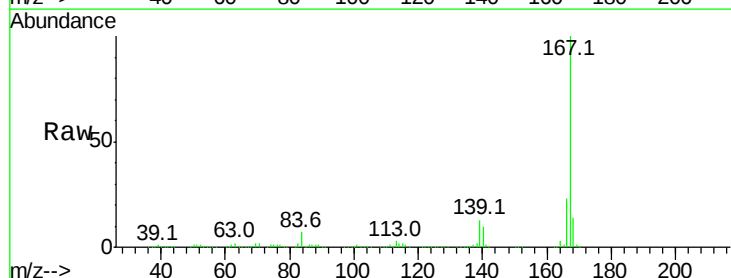
MMdadoda
 1/13/2016 3:29:42 PM

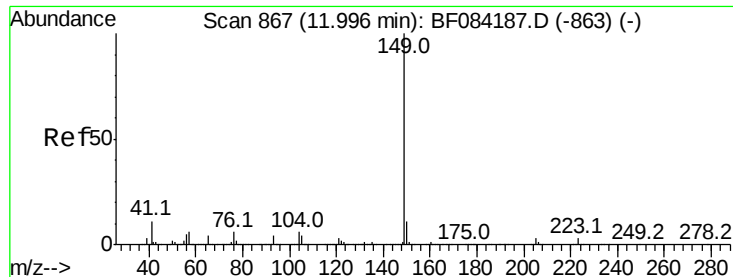


#72
 Carbazole
 Concen: 39.09 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.06 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Tgt Ion:167 Resp: 1859655

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	13.4	11.8	17.8





#73

Di-n-butylphthalate

Concen: 42.91 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

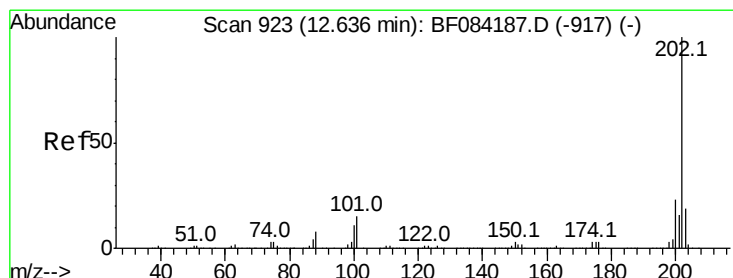
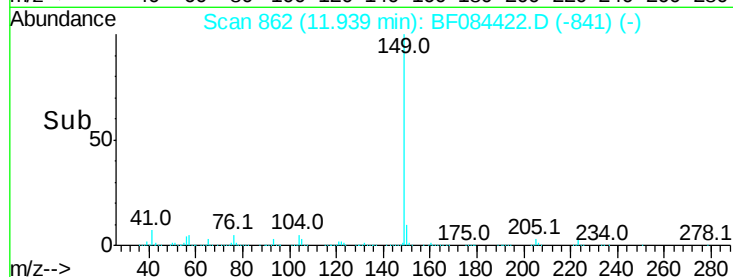
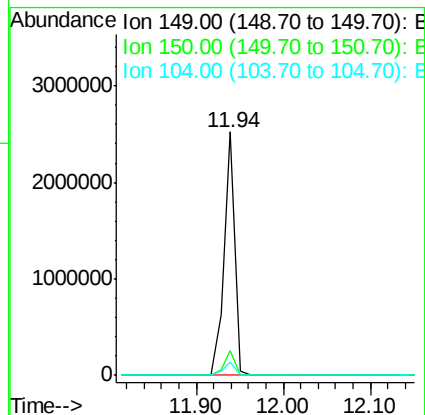
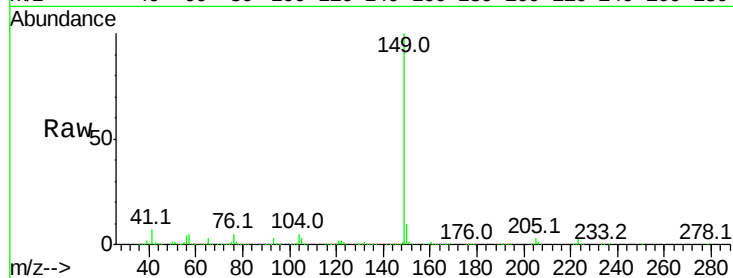
ClientSampleId :

SSTDCCC040EC

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.1	10.7
104	5.2	3.2	4.8



#74

Fluoranthene

Concen: 35.37 ng

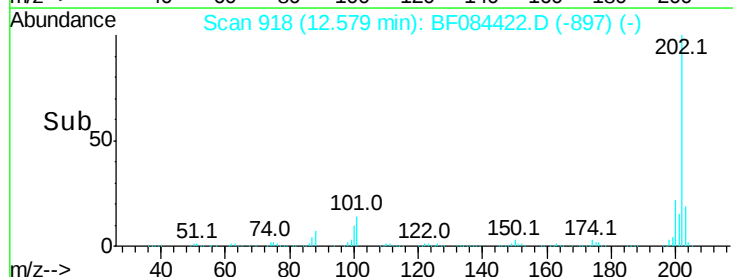
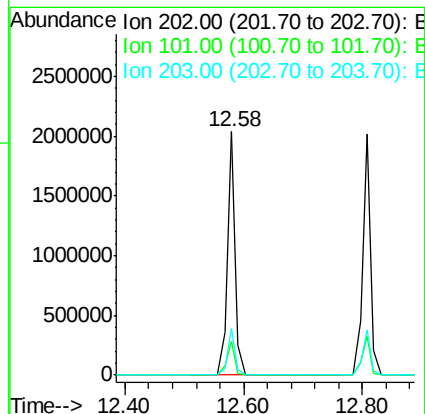
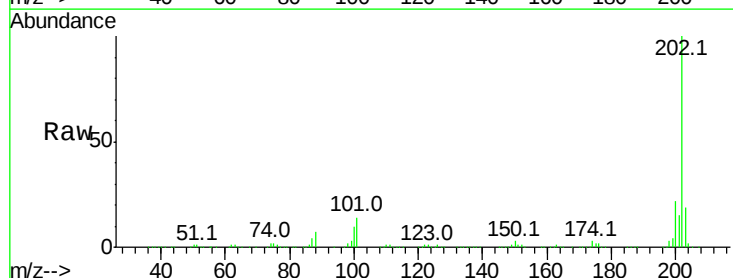
RT: 12.58 min Scan# 918

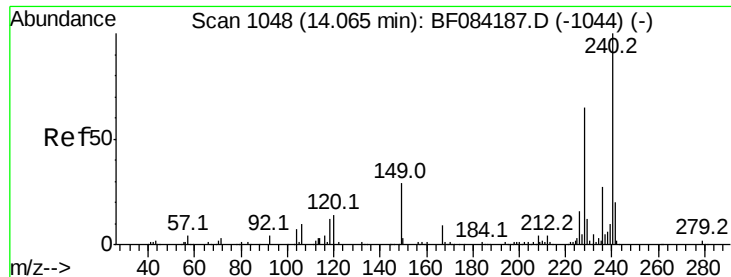
Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.8
203	19.0	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

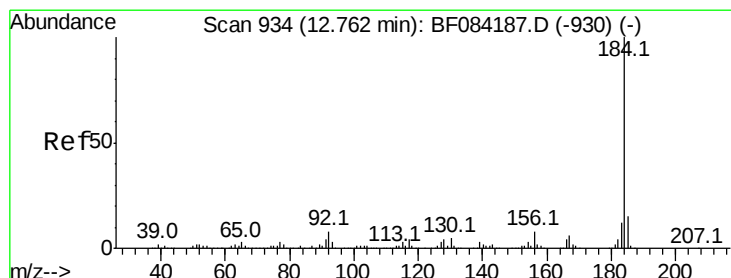
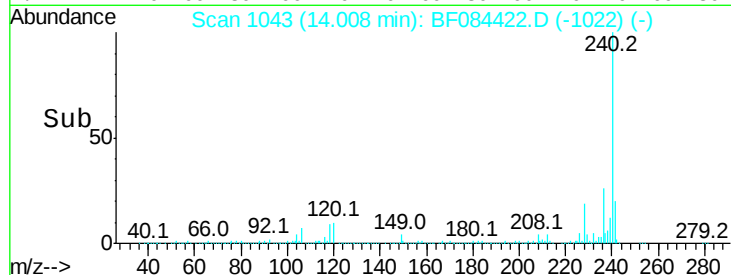
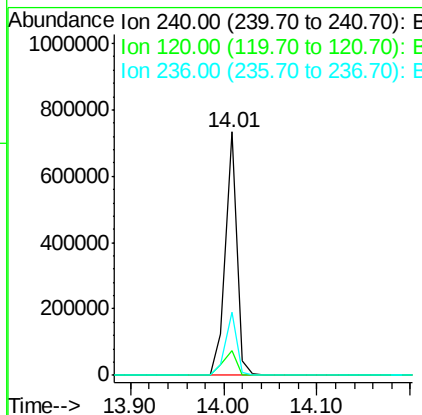
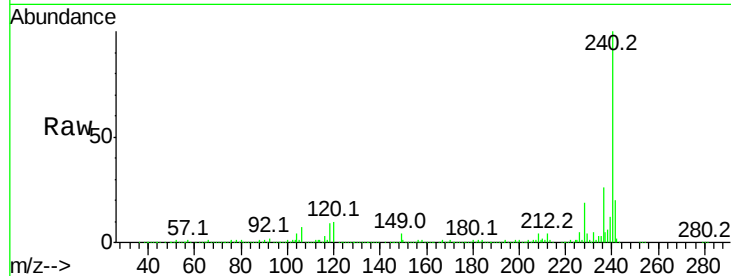
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	626964
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.8	20.6	31.0

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#76

Benzidine

Concen: 21.37 ng

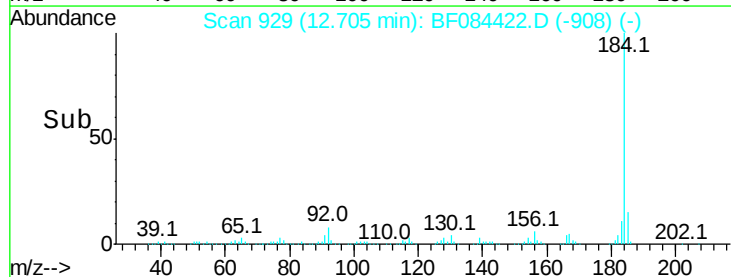
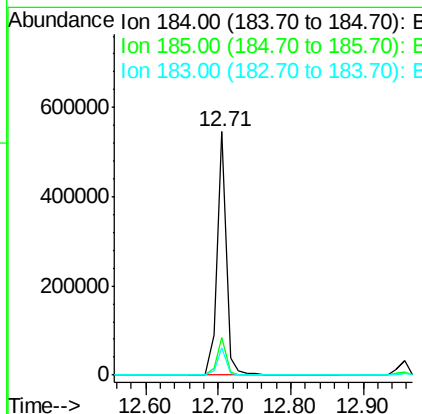
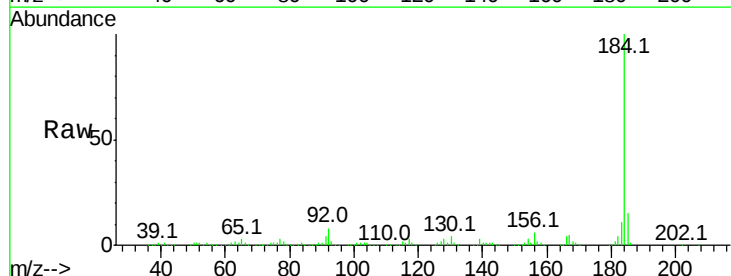
RT: 12.71 min Scan# 929

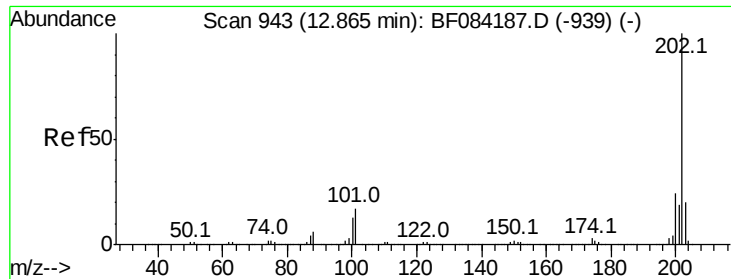
Delta R.T. -0.06 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion:	184	Resp:	480369
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	11.1	9.8	14.8





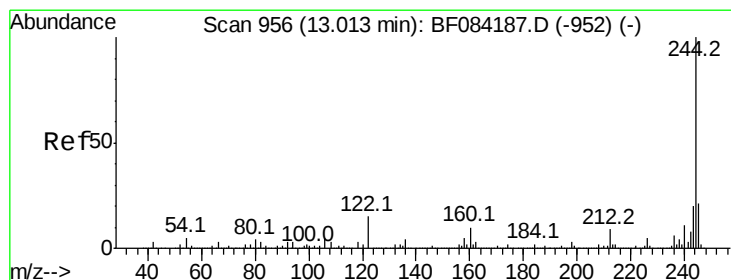
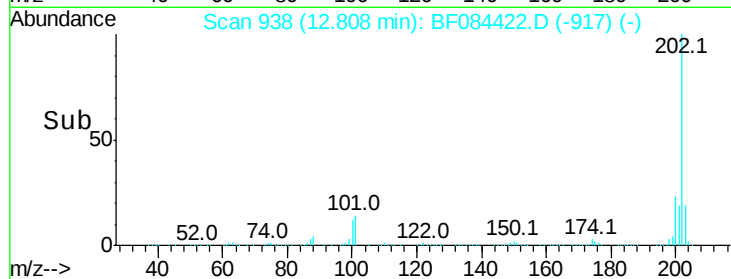
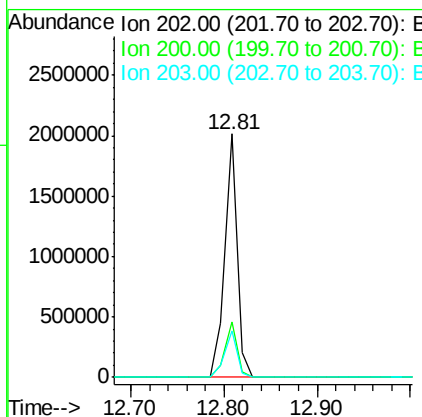
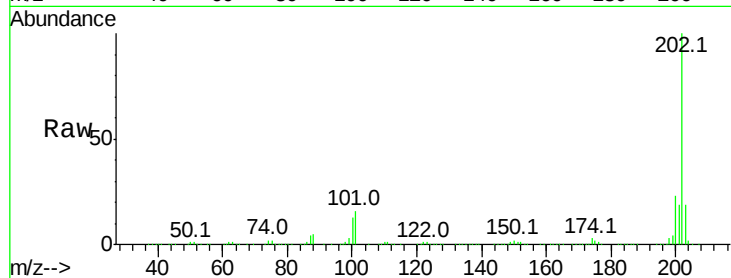
#77
Pvrene
Concen: 37.63 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:202 Resp: 1851173
Ion Ratio Lower Upper
202 100
200 22.9 17.2 25.8
203 18.9 14.3 21.5

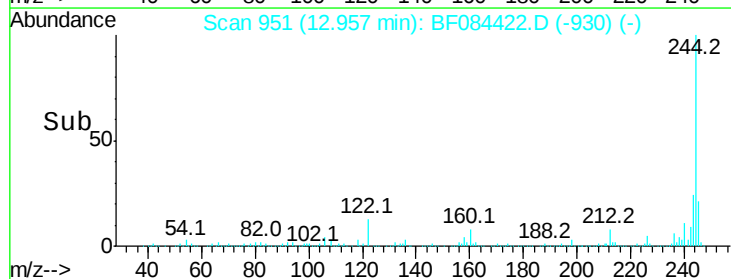
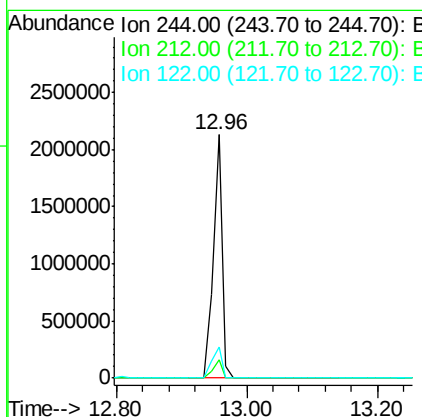
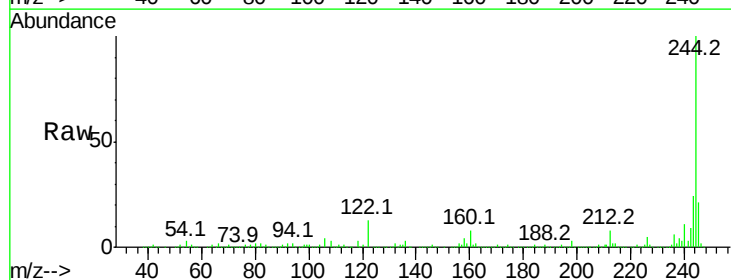
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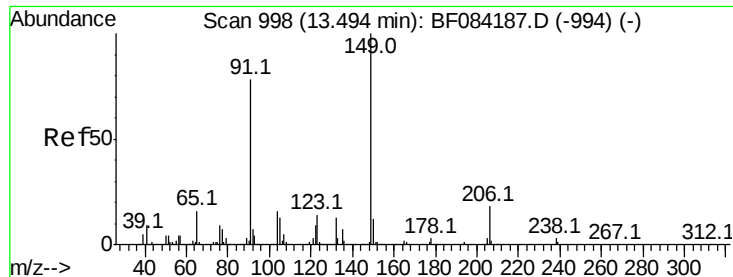
MMdadoda
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#78
Terphenyl-d14
Concen: 73.11 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion:244 Resp: 2053355
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 13.0 7.4 11.0#





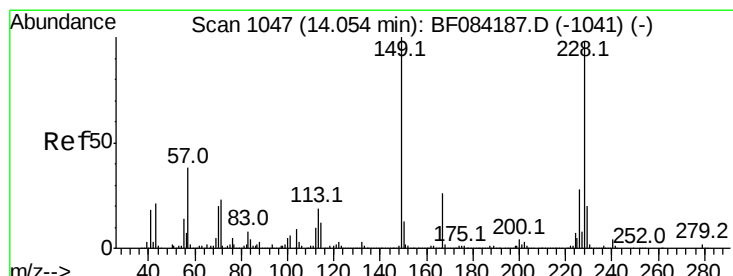
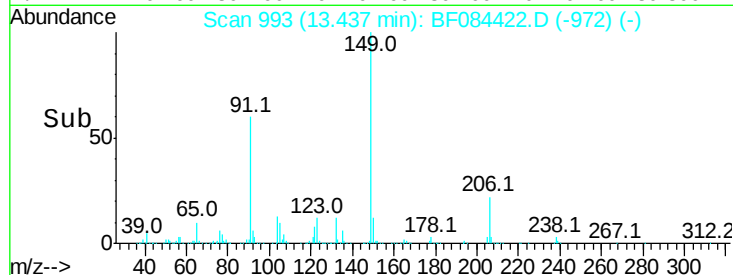
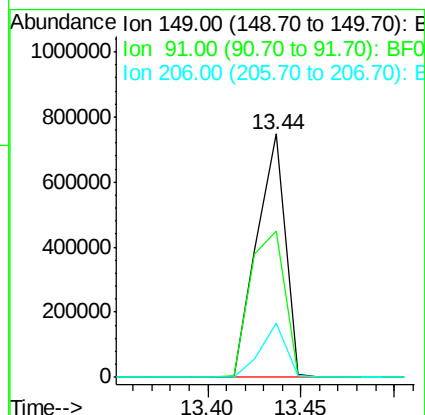
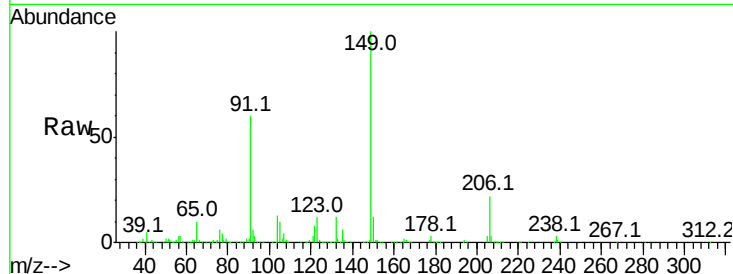
#79
Butylbenzylphthalate
Concen: 37.07 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	789210		
91	60.3	57.6	86.4	
206	22.5	13.2	19.8	

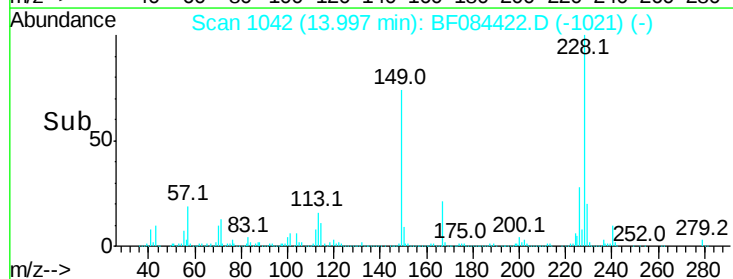
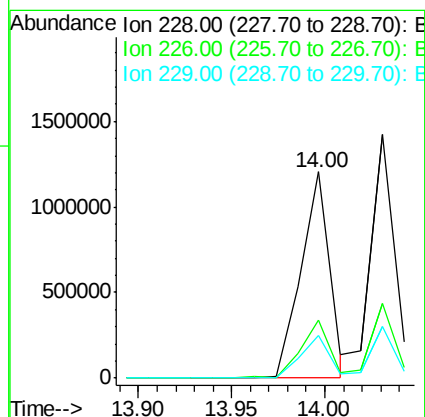
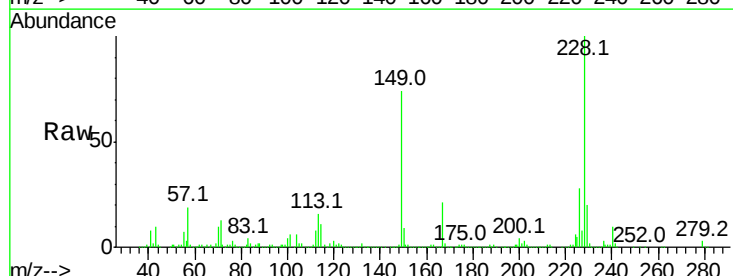
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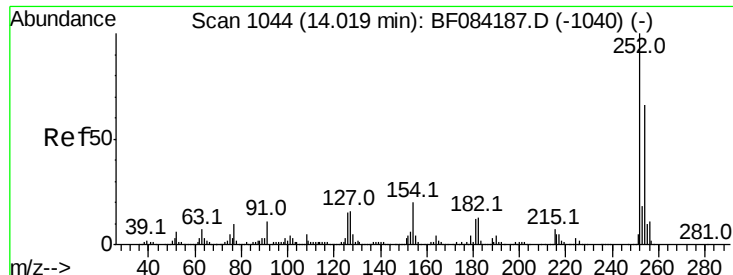
MMdadoda
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#80
Benzo(a)anthracene
Concen: 35.15 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1293856		
226	28.1	21.8	32.6	
229	20.4	15.8	23.8	





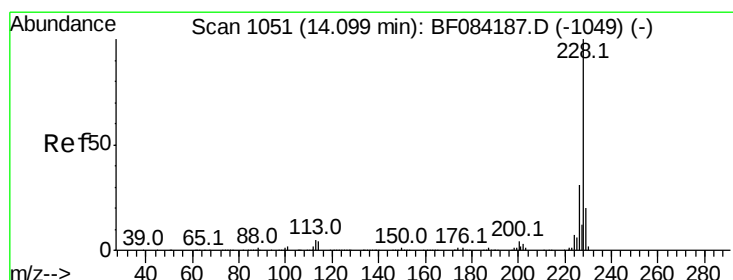
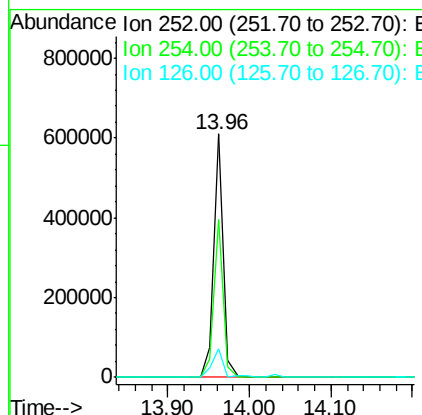
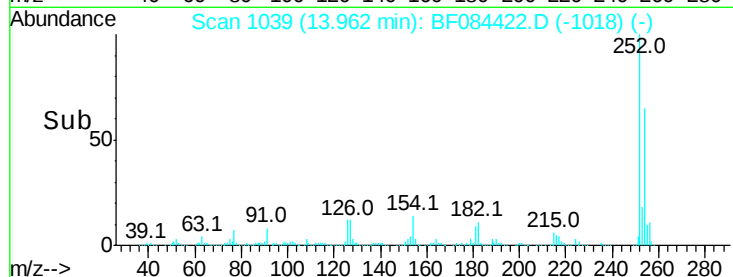
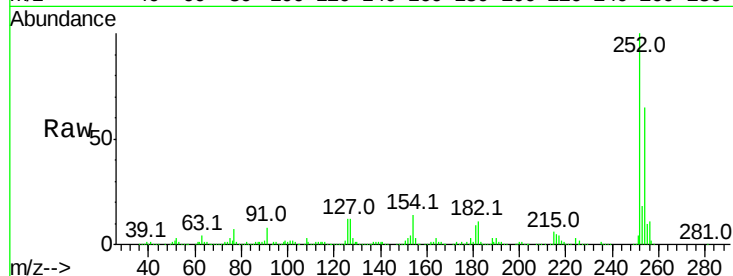
#81
 3,3'-Dichlorobenzidine
 Concen: 39.31 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	53.5	80.3
126	11.8	4.9	7.3

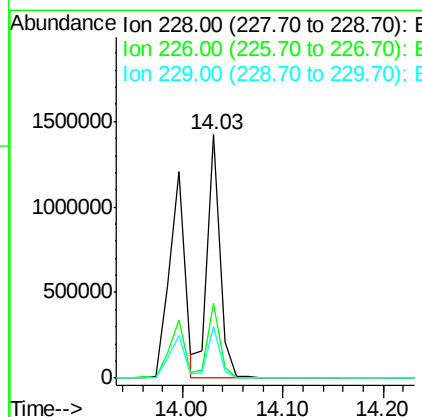
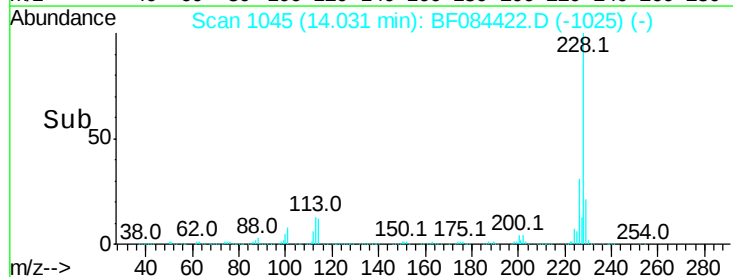
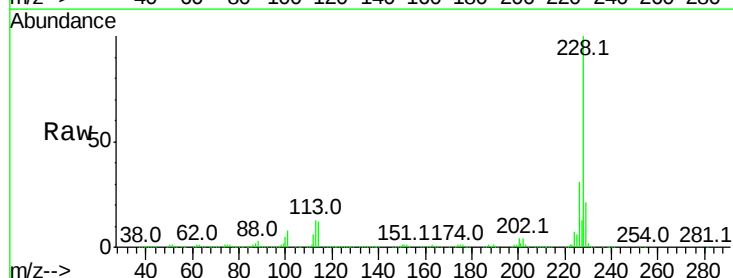
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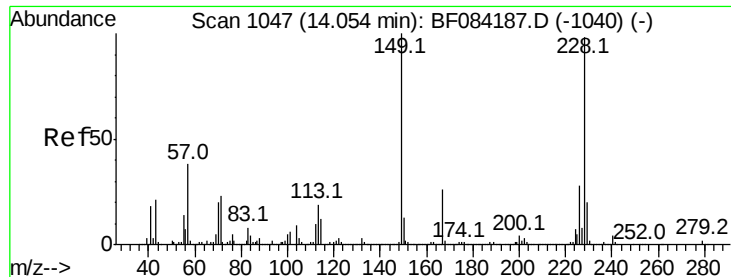
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#82
 Chrysene
 Concen: 35.27 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.07 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.3	36.5
229	21.1	16.1	24.1





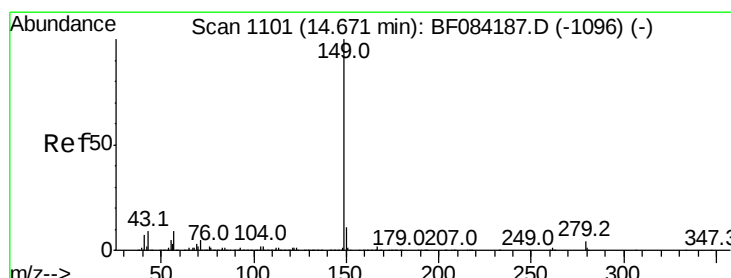
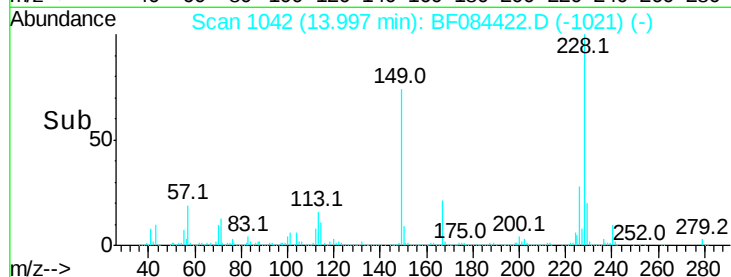
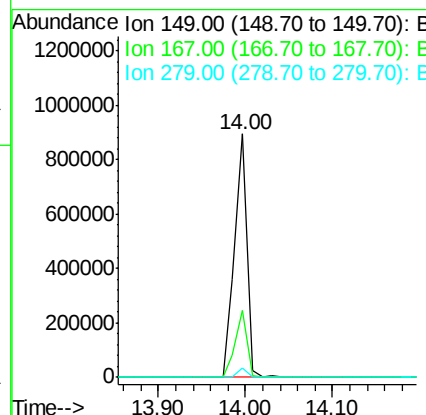
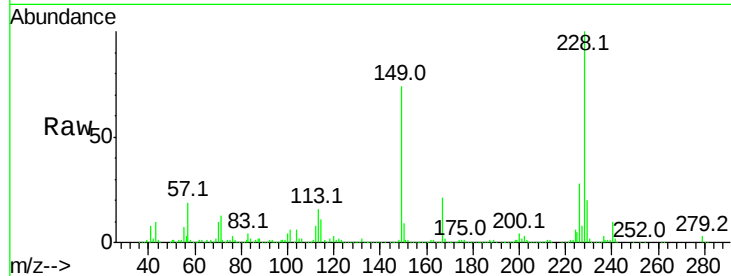
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.18 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.06 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.6	19.7	29.5	
279	3.8	1.8	2.6	

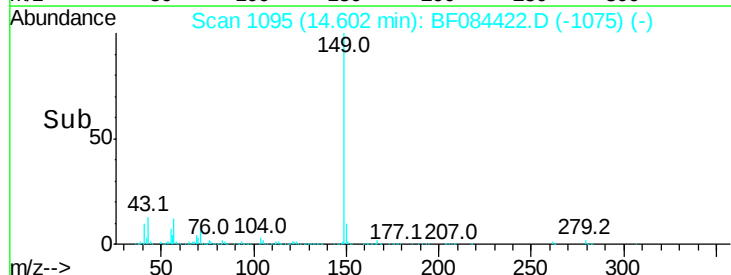
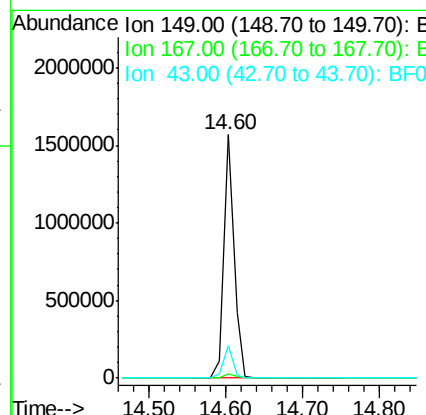
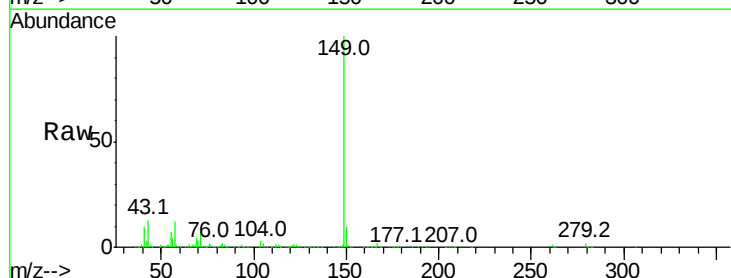
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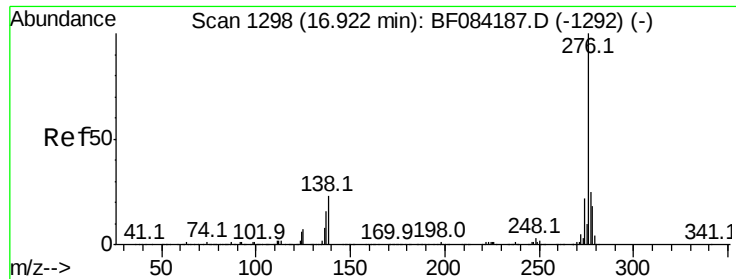
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#84
 Di-n-octyl phthalate
 Concen: 32.15 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.07 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	12.3	5.6	8.4	





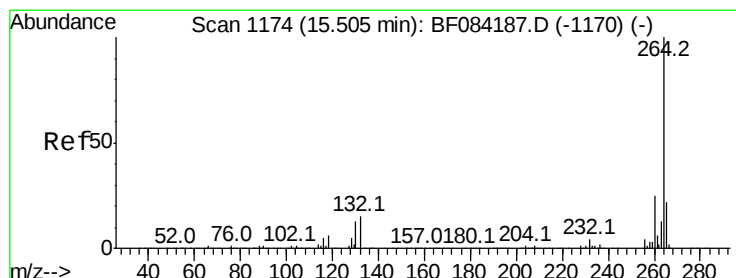
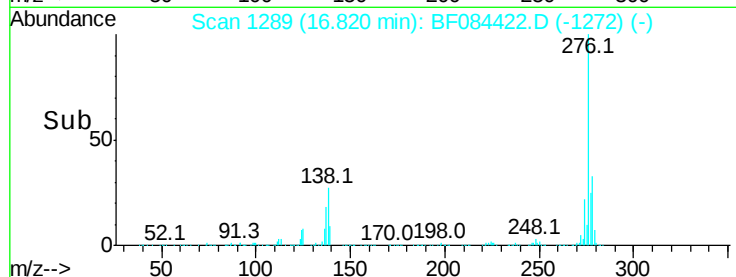
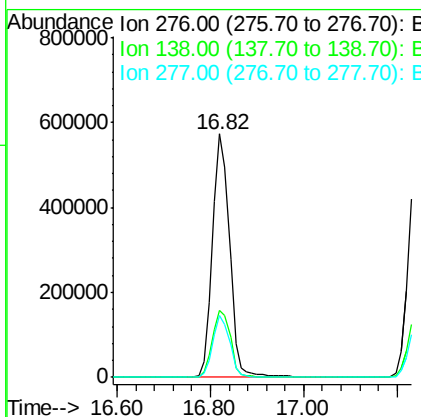
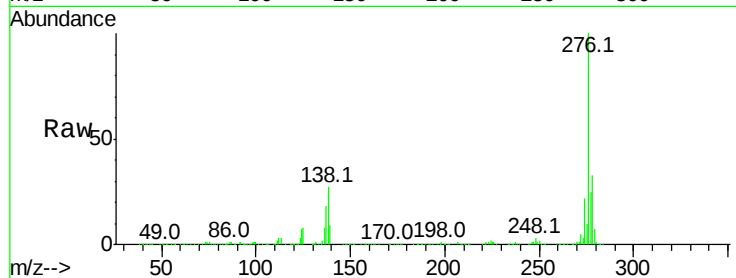
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.62 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.10 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	20.6	30.8
277	25.1	20.1	30.1

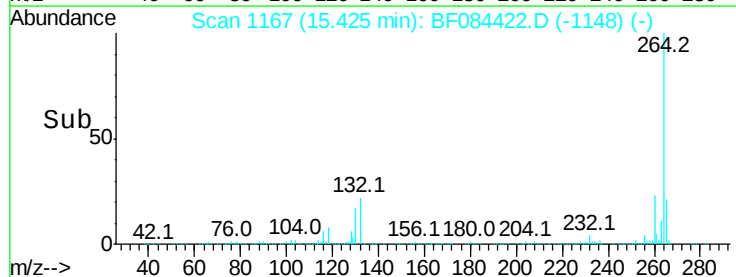
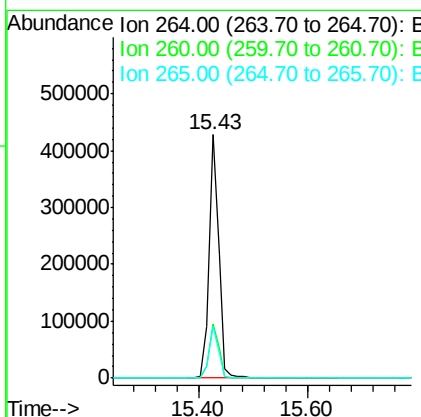
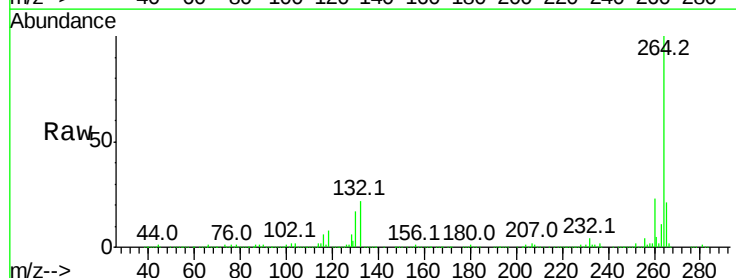
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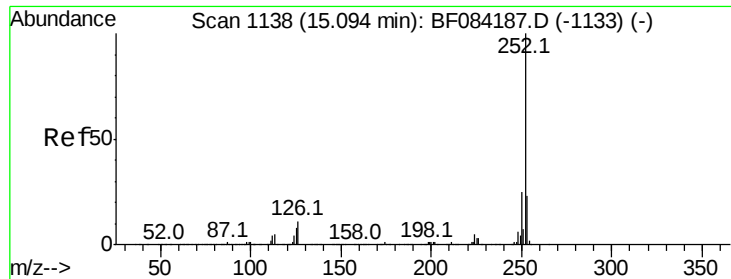
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084422.D
 Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	21.3	17.8	26.6





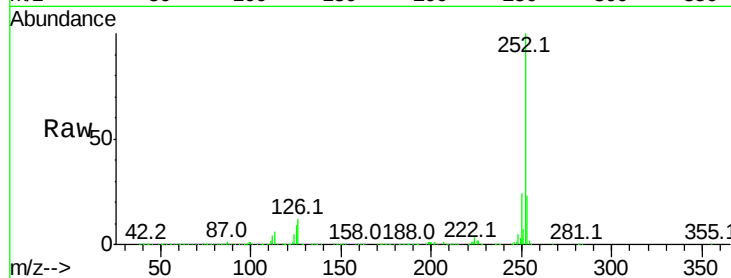
#87
Benzo(b)fluoranthene
Concen: 38.40 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.07 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

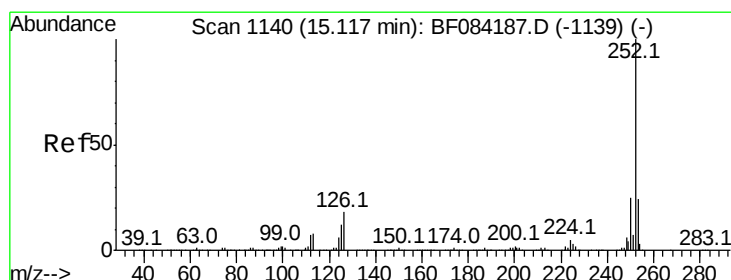
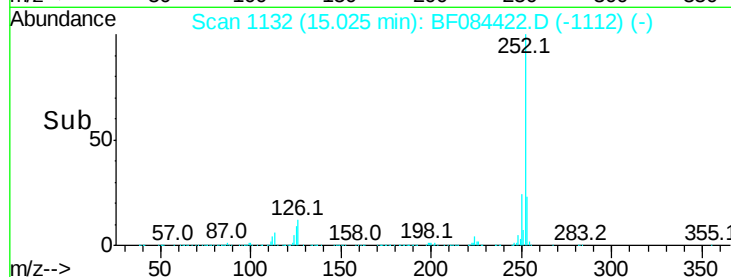
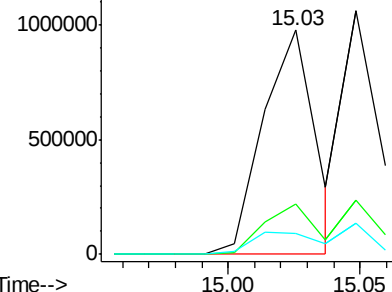
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.0	6.5	9.7

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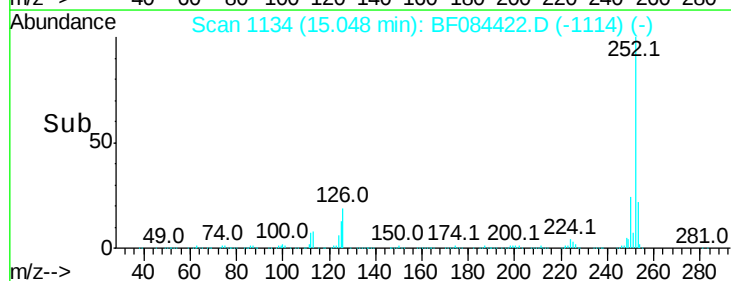
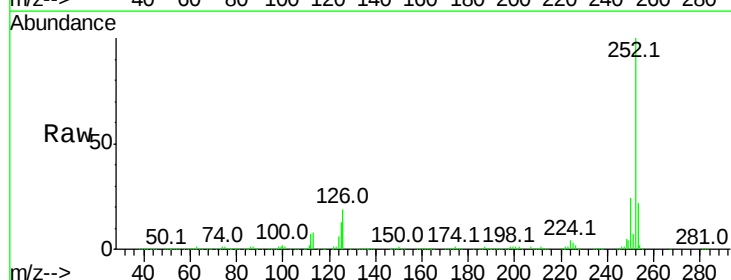
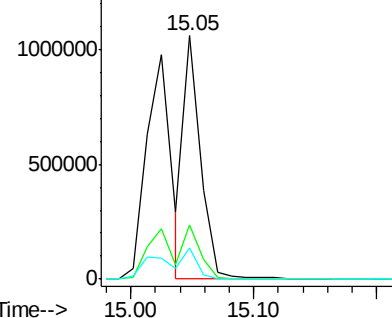
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

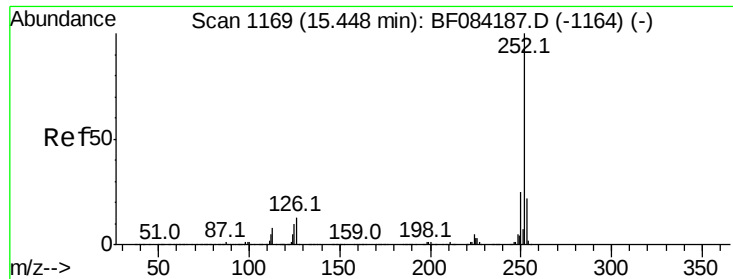


#88
Benzo(k)fluoranthene
Concen: 36.81 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.07 min
Lab File: BF084422.D
Acq: 12 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	12.7	9.0	13.6

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





#89

Benzo(a)pyrene

Concen: 39.67 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.08 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

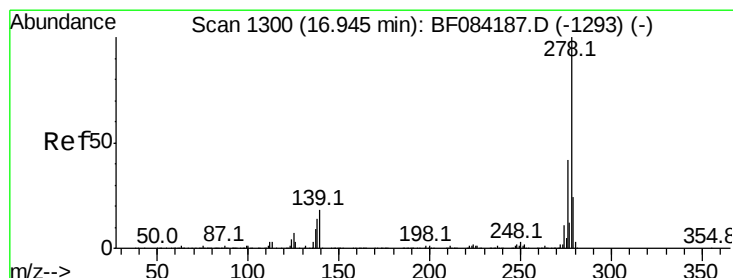
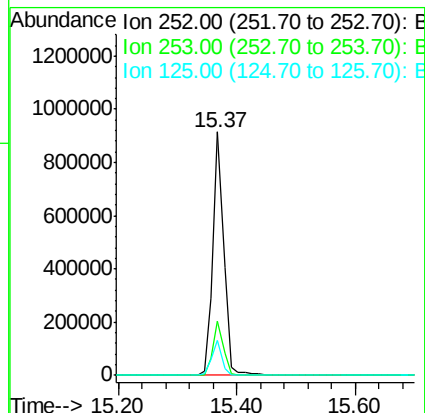
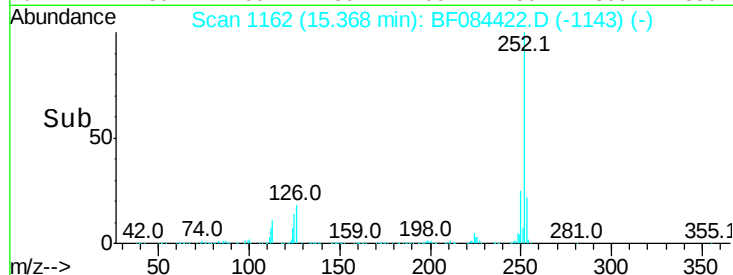
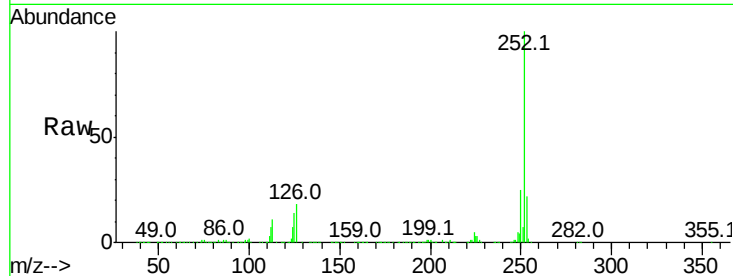
SSTDCCC040EC

Tot Ion:252 Resp: 1171179

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	14.1	7.0	10.4

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#90

Dibenzo(a,h)anthracene

Concen: 47.73 ng

RT: 16.84 min Scan# 1291

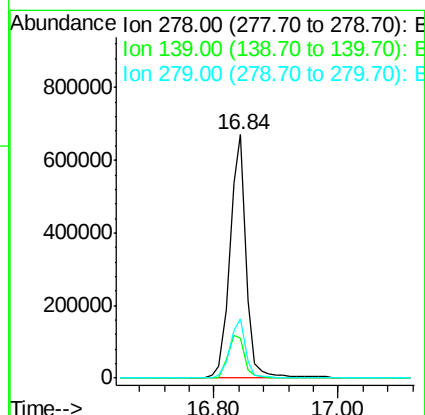
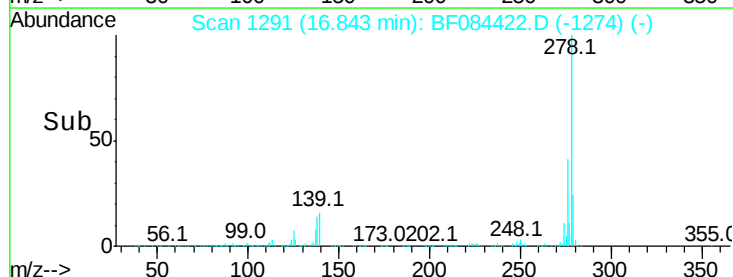
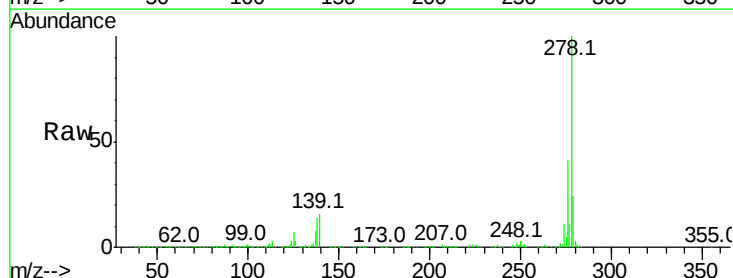
Delta R.T. -0.10 min

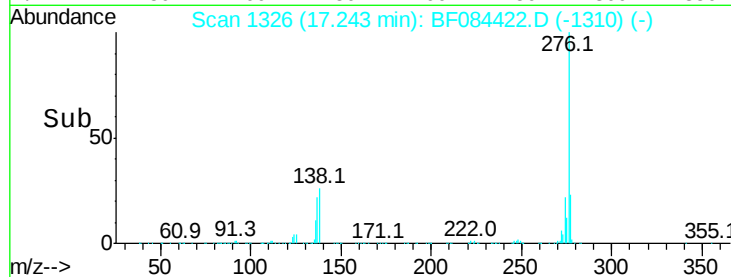
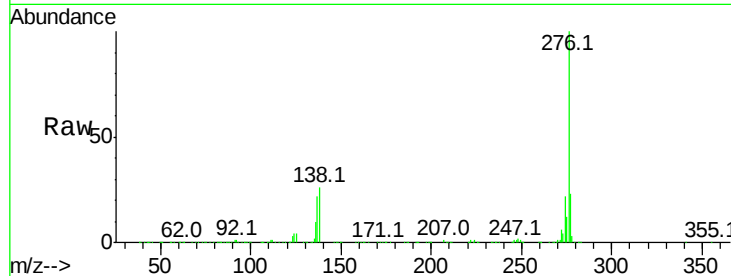
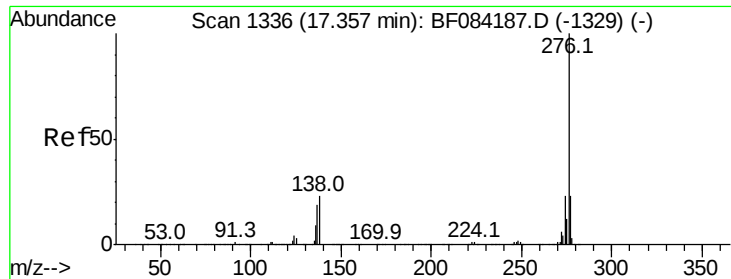
Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Tgt Ion:278 Resp: 1212404

Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.0	22.4
279	24.1	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 49.03 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.11 min

Lab File: BF084422.D

Acq: 12 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 1289842

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 25.9 17.8 26.6

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