

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
 Data File : BF085056.D
 Acq On : 12 Feb 2016 20:59
 Operator : SJ/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Sohil
 2/15/2016 4:43:04 PM

Quant Time: Feb 13 00:04:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 23:09:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	164838	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	698252	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	318804	20.00	ng	0.01
63) Phenanthrene-d10	12.99	188	580493	20.00	ng	0.00
75) Chrysene-d12	17.18	240	375953	20.00	ng	0.00
86) Perylene-d12	18.80	264	292490	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.14	112	1099368	105.66	ng	-0.02
7) Phenol-d6	5.45	99	1546924	116.63	ng	0.01
23) Nitrobenzene-d5	6.72	82	1432651	116.33	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	403458	121.44	ng	0.01
44) 2-Fluorobiphenyl	9.54	172	2588578	119.34	ng	0.01
78) Terphenyl-d14	15.63	244	2176551	129.01	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	240622	52.54	ng	98
3) Pyridine	2.42	79	582477	49.23	ng	98
4) n-Nitrosodimethylamine	2.40	42	295934	49.13	ng	93
6) Aniline	5.46	93	869082	54.71	ng	96
8) 2-Chlorophenol	5.60	128	706741	59.10	ng	99
9) Benzaldehyde	5.29	77	366175	48.04	ng	97
10) Phenol	5.46	94	898603	59.87	ng	92
11) bis(2-Chloroethyl)ether	5.54	93	767114	64.88	ng	98
12) 1,3-Dichlorobenzene	5.79	146	715247	56.57	ng	97
13) 1,4-Dichlorobenzene	5.91	146	769216	60.30	ng	98
14) 1,2-Dichlorobenzene	6.11	146	714509	60.62	ng	99
15) Benzyl Alcohol	6.14	79	474832m	52.89	ng	
16) 2,2'-oxybis(1-Chloropropan	6.30	45	1158395	59.46	ng	98
17) 2-Methylphenol	6.32	107	488204	52.94	ng	94
18) Hexachloroethane	6.59	117	285199	58.56	ng	98
19) n-Nitroso-di-n-propylamine	6.51	70	481508	58.04	ng	97
20) 3+4-Methylphenols	6.57	107	618277	53.46	ng	97
22) Acetophenone	6.50	105	1075014	58.29	ng	# 97
24) Nitrobenzene	6.75	77	774072	57.60	ng	98
25) Isophorone	7.11	82	1311479	55.19	ng	99
26) 2-Nitrophenol	7.22	139	387626	59.22	ng	99
27) 2,4-Dimethylphenol	7.35	122	621591	54.81	ng	99
28) bis(2-Chloroethoxy)methane	7.47	93	803571	56.42	ng	100
29) 2,4-Dichlorophenol	7.62	162	561664	58.20	ng	97
30) 1,2,4-Trichlorobenzene	7.71	180	627287	57.02	ng	100
31) Naphthalene	7.82	128	2007549	57.01	ng	99
32) Benzoic acid	7.68	122	300219	43.22	ng	96
33) 4-Chloroaniline	7.96	127	785202	54.13	ng	99
34) Hexachlorobutadiene	8.02	225	358654	56.88	ng	96
35) Caprolactam	8.59	113	152448	52.92	ng	96
36) 4-Chloro-3-methylphenol	8.80	107	646252	57.81	ng	99
37) 2-Methylnaphthalene	8.92	142	1284411	59.11	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	620710	60.00	ng	99
40) Hexachlorocyclopentadiene	9.16	237	246097	69.04	ng	99

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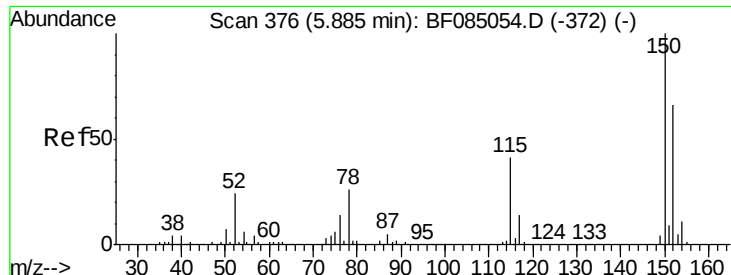
Manual Integrations
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 2/15/2016 4:43:04 PM

Quant Time: Feb 13 00:04:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	358352	55.64	nq	99
43) 2,4,5-Trichlorophenol	9.50	196	393945	58.98	nq	98
45) 1,1'-Biphenyl	9.69	154	1703234	59.48	nq	99
46) 2-Chloronaphthalene	9.70	162	1204874	57.20	nq	97
47) 2-Nitroaniline	9.93	65	399298	59.08	nq	98
48) Acenaphthylene	10.36	152	1913670	59.65	nq	99
49) Dimethylphthalate	10.24	163	1423653	58.69	nq	99
50) 2,6-Dinitrotoluene	10.33	165	300282	57.32	nq	91
51) Acenaphthene	10.64	154	1154893	55.91	nq	99
52) 3-Nitroaniline	10.62	138	332116	55.73	nq	93
53) 2,4-Dinitrophenol	10.80	184	121202	58.92	nq	90
54) Dibenzofuran	10.94	168	1561110	61.16	nq	98
55) 4-Nitrophenol	11.03	139	226355	54.05	nq	97
56) 2,4-Dinitrotoluene	10.99	165	412277	60.56	nq	98
57) Fluorene	11.49	166	1337721	62.58	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	317982	61.38	nq	97
59) Diethylphthalate	11.38	149	1420783	59.39	nq	98
60) 4-Chlorophenyl-phenylether	11.51	204	639608	62.27	nq	93
61) 4-Nitroaniline	11.65	138	311211	53.96	nq	97
62) Azobenzene	11.77	77	1369566	59.74	nq	97
64) 4,6-Dinitro-2-methylphenol	11.66	198	211457	60.75	nq	99
65) n-Nitrosodiphenylamine	11.73	169	1093971	60.10	nq	99
66) 4-Bromophenyl-phenylether	12.30	248	397739	62.42	nq	# 91
67) Hexachlorobenzene	12.37	284	416042	59.26	nq	# 89
68) Atrazine	12.64	200	321051	55.18	nq	97
69) Pentachlorophenol	12.72	266	177551	56.02	nq	96
70) Phenanthrene	13.04	178	1857504	57.30	nq	99
71) Anthracene	13.12	178	1958125	60.77	nq	99
72) Carbazole	13.43	167	1665279	59.57	nq	100
73) Di-n-butylphthalate	14.03	149	2086943	57.66	nq	99
74) Fluoranthene	14.96	202	1875750	58.05	nq	97
76) Benzidine	15.26	184	439195	42.88	nq	97
77) Pyrene	15.33	202	1873711	65.26	nq	99
79) Butylbenzylphthalate	16.45	149	796685	61.65	nq	95
80) Benzo(a)anthracene	17.17	228	1294784	55.93	nq	99
81) 3,3'-Dichlorobenzidine	17.17	252	396541	50.33	nq	98
82) Chrysene	17.21	228	1262841	56.64	nq	99
83) Bis(2-ethylhexyl)phthalate	17.27	149	1032685	63.36	nq	99
84) Di-n-octyl phthalate	18.02	149	1442486	54.89	nq	100
85) Indeno(1,2,3-cd)pyrene	20.10	276	1132138	63.87	nq	99
87) Benzo(b)fluoranthene	18.41	252	1036251m	52.58	nq	
88) Benzo(k)fluoranthene	18.43	252	939963m	58.32	nq	
89) Benzo(a)pyrene	18.74	252	955073	57.37	nq	# 98
90) Dibenzo(a,h)anthracene	20.11	278	933113	64.95	nq	97
91) Benzo(g,h,i)perylene	20.48	276	984915	68.06	nq	99

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



#1

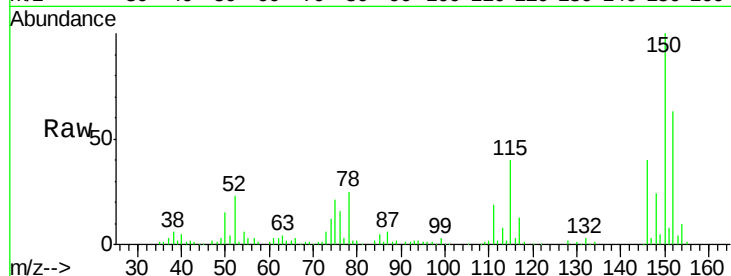
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.88 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

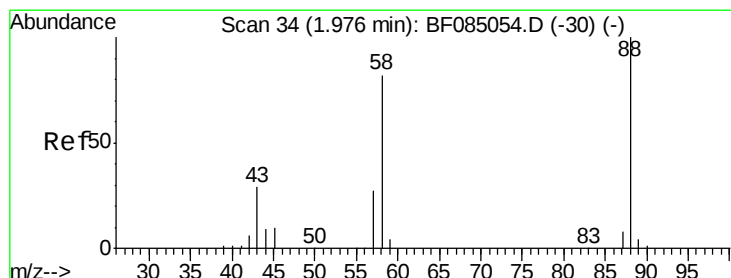
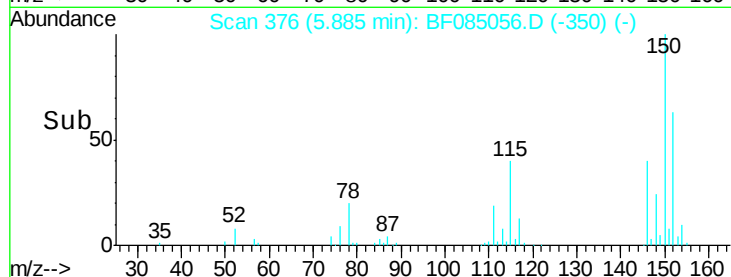
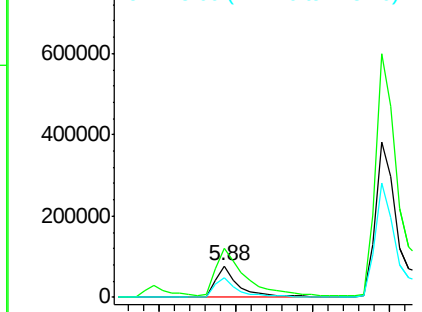
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.4	191.2
115	63.8	50.5	75.7

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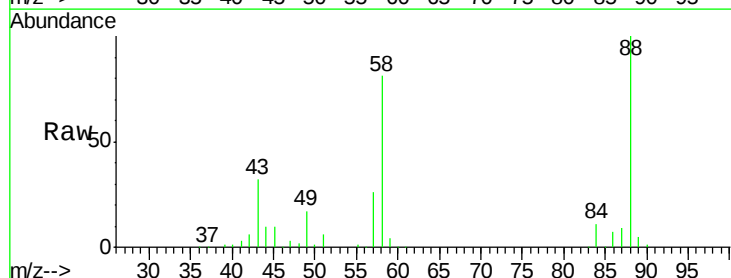
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



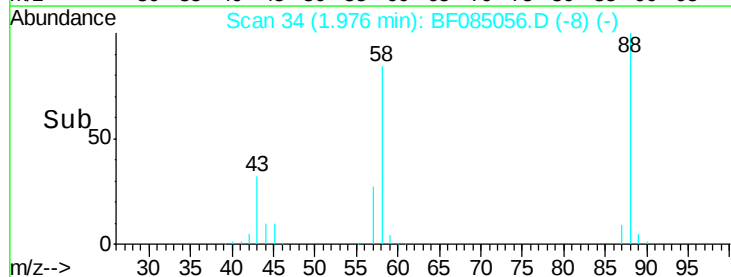
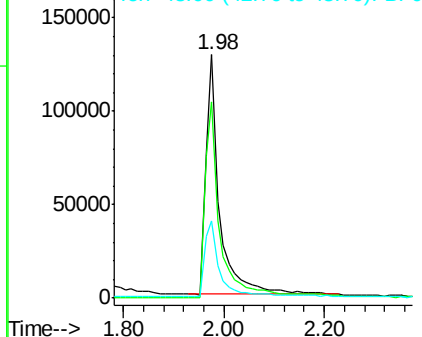
#2

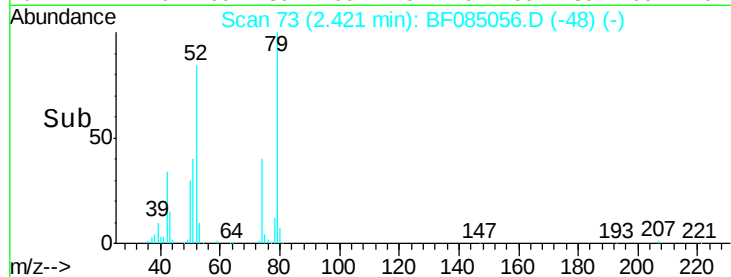
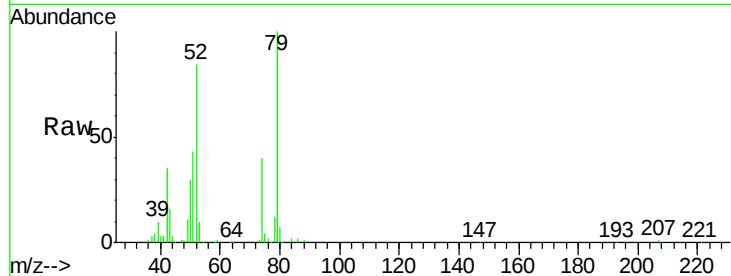
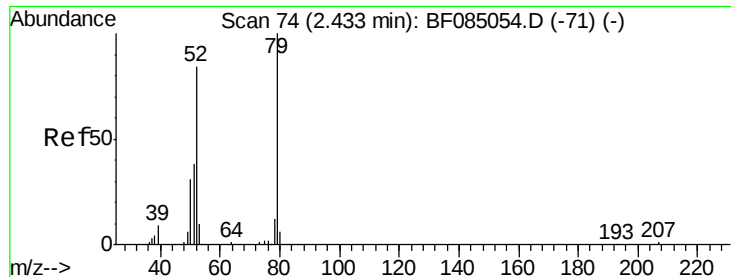
1,4-Dioxane
Concen: 52.54 ng
RT: 1.98 min Scan# 34
Delta R.T. 0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.9	70.9	106.3
43	35.4	25.9	38.9



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





#3

Pvridine

Concen: 49.23 ng

RT: 2.42 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tot Ion:	79	Resp:	582477
Ion Ratio	Lower	Upper	
79	100		
52	84.5	67.1	100.7
51	43.2	32.7	49.1

Instrument :

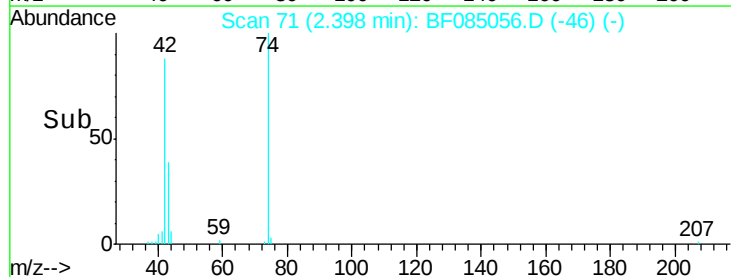
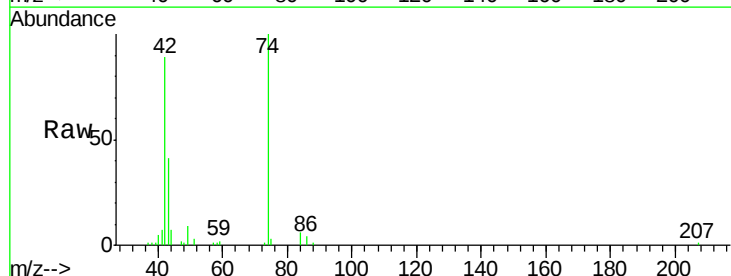
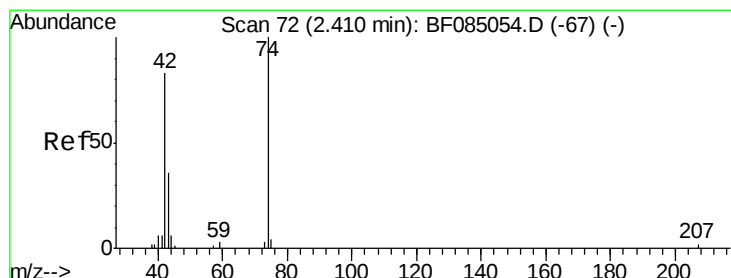
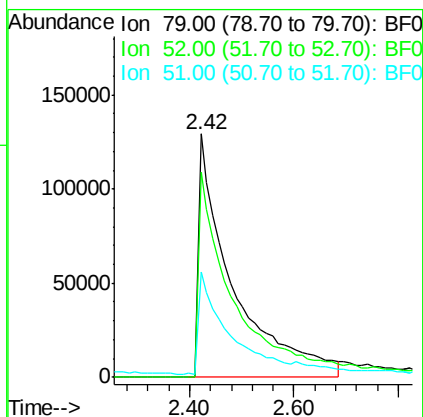
BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.13 ng

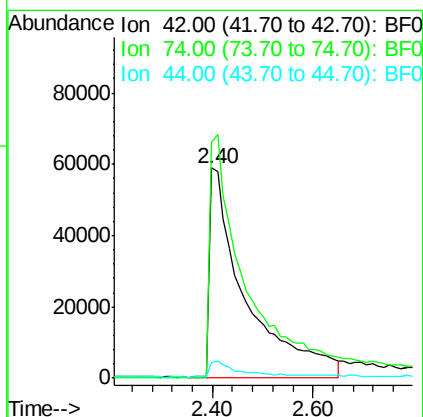
RT: 2.40 min Scan# 71

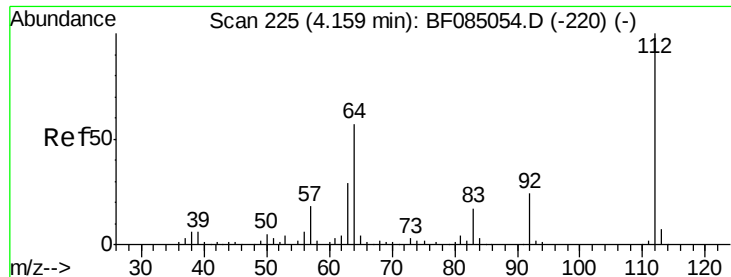
Delta R.T. -0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	42	Resp:	295934
Ion Ratio	Lower	Upper	
42	100		
74	112.4	96.2	144.4
44	7.6	7.0	10.4





#5

2-Fluorophenol

Concen: 105.66 ng

RT: 4.14 min Scan# 223

Delta R.T. -0.02 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 112 Resp: 1099368

Ion Ratio Lower Upper

112 100

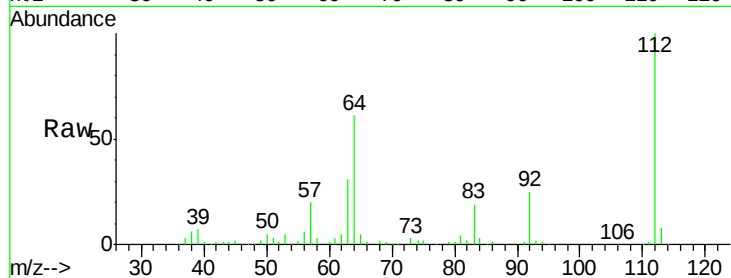
64 60.9 45.4 68.2

63 31.3 23.2 34.8

Manual Integrations
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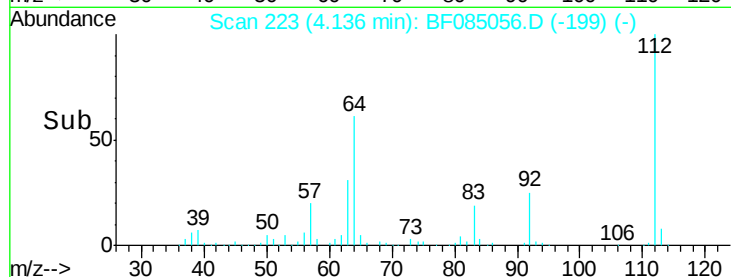


Abundance Ion 112.00 (111.70 to 112.70): E

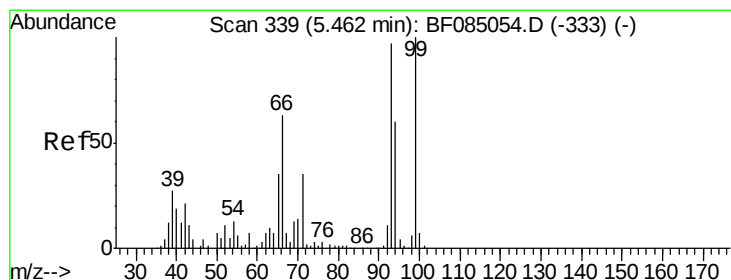
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 54.71 ng

RT: 5.46 min Scan# 339

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

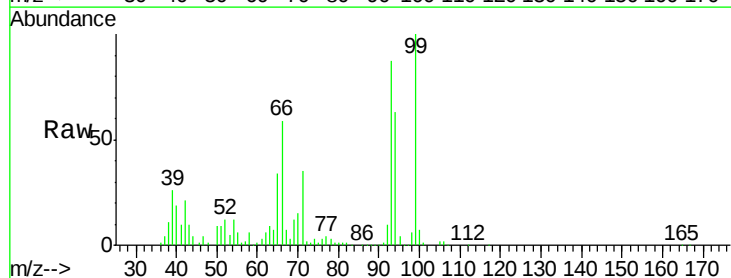
Tgt Ion: 93 Resp: 869082

Ion Ratio Lower Upper

93 100

66 67.7 51.8 77.8

65 38.9 28.5 42.7

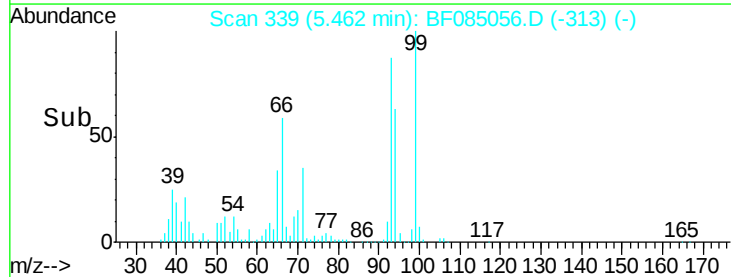


Abundance Ion 93.00 (92.70 to 93.70): BF0

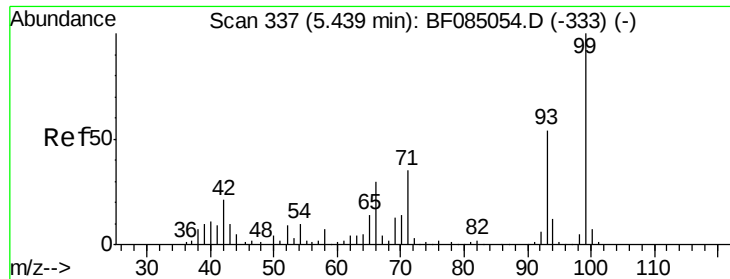
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 116.63 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1546924

Ion Ratio Lower Upper

99 100

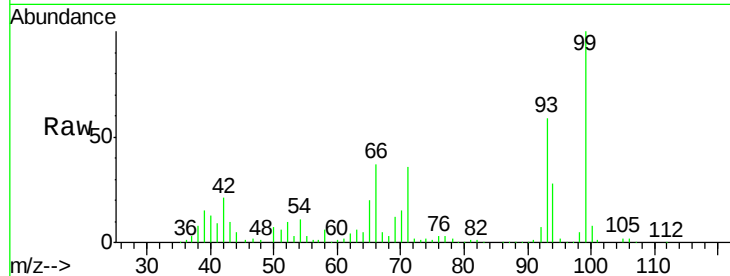
42 20.9 17.0 25.4

71 35.7 28.3 42.5

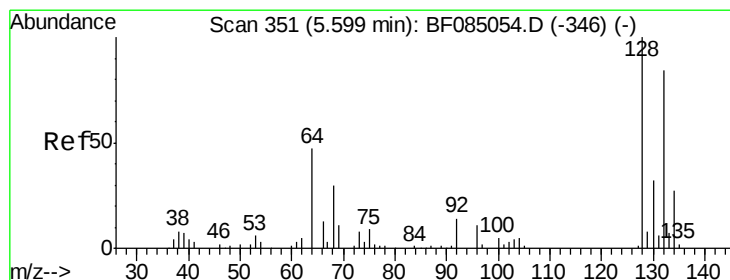
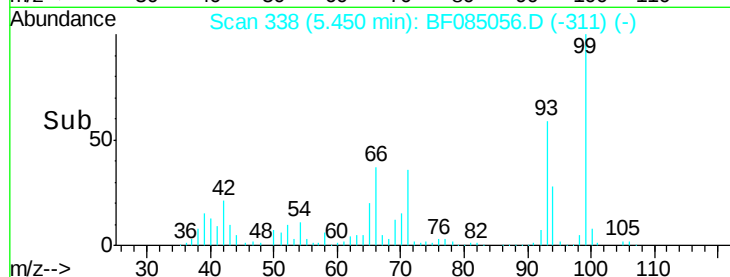
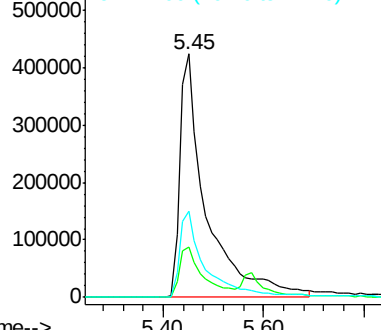
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 59.10 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

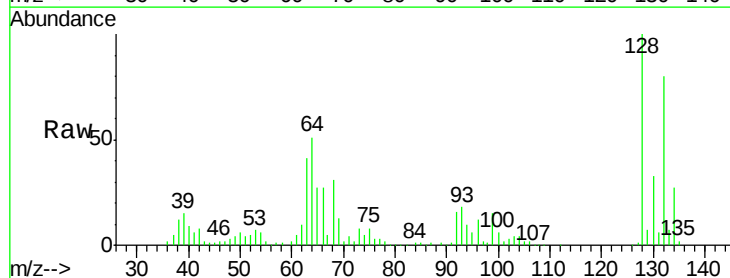
Tgt Ion:128 Resp: 706741

Ion Ratio Lower Upper

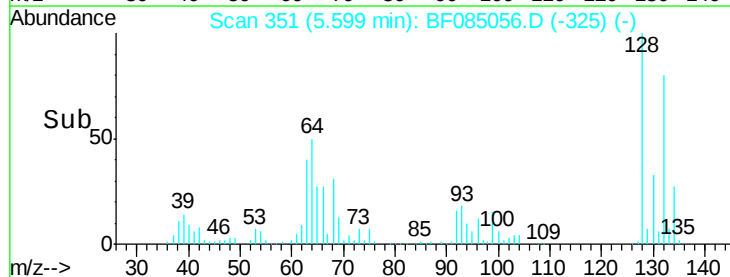
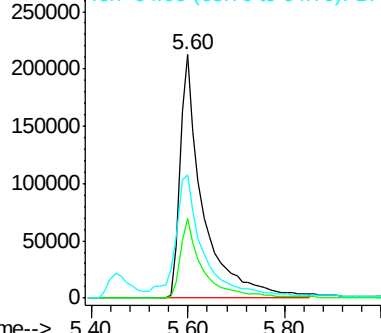
128 100

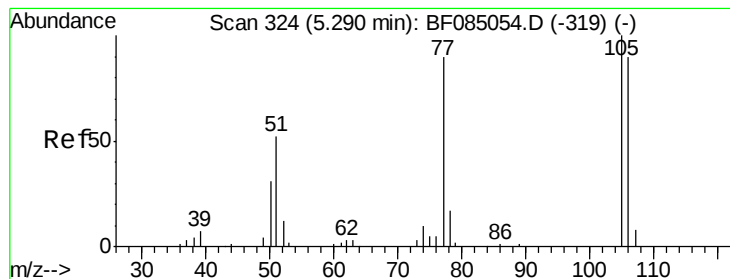
130 32.7 12.4 52.4

64 50.8 32.1 72.1



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





#9

Benzaldehyde

Concen: 48.04 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

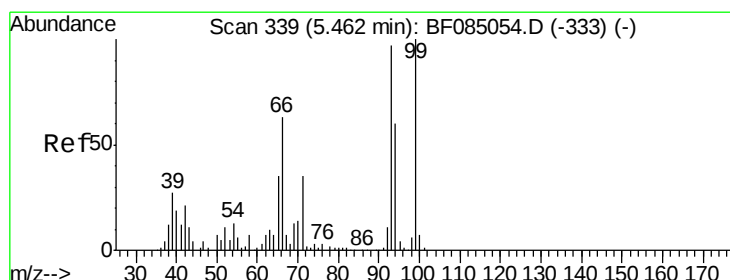
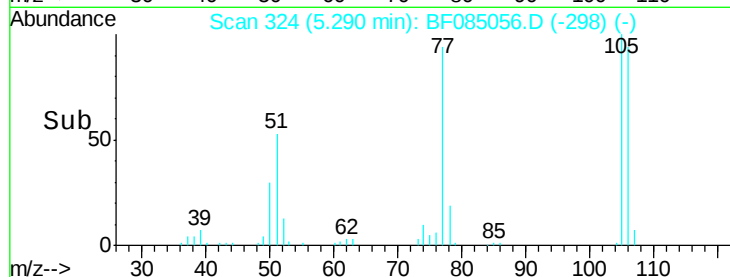
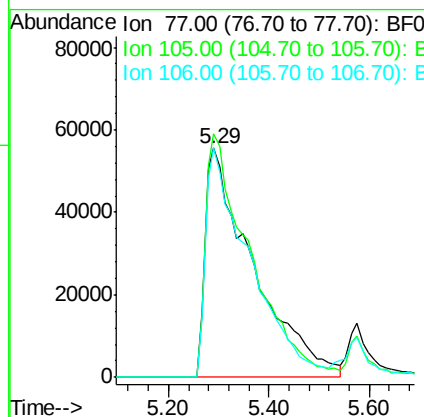
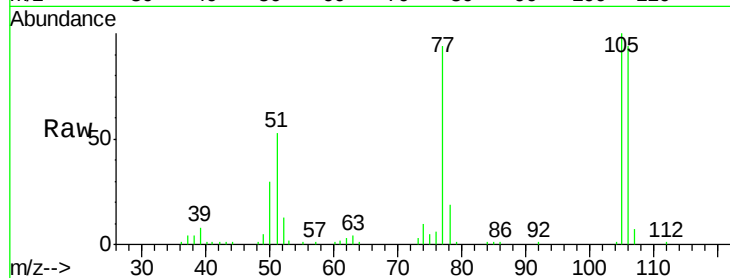
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	366175
Ion	Ratio	Lower	Upper
77	100		
105	106.2	90.9	130.9
106	100.3	79.7	119.7

Manual Integrations
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#10

Phenol

Concen: 59.87 ng

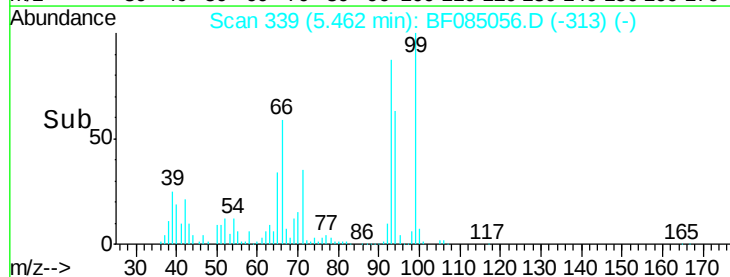
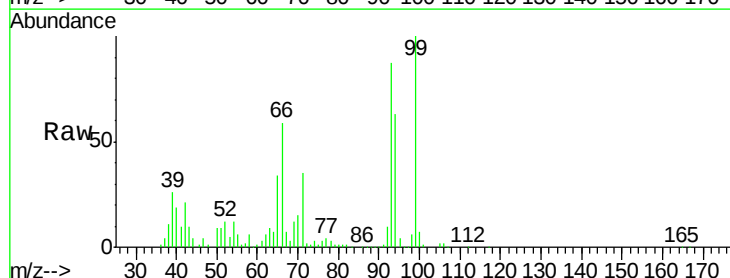
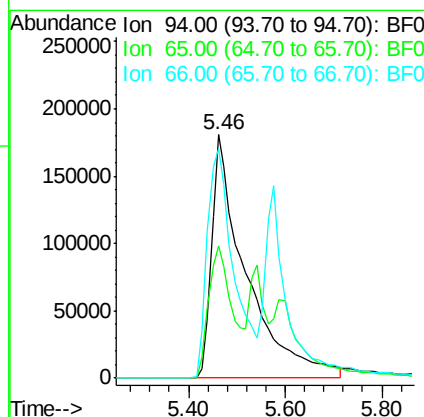
RT: 5.46 min Scan# 339

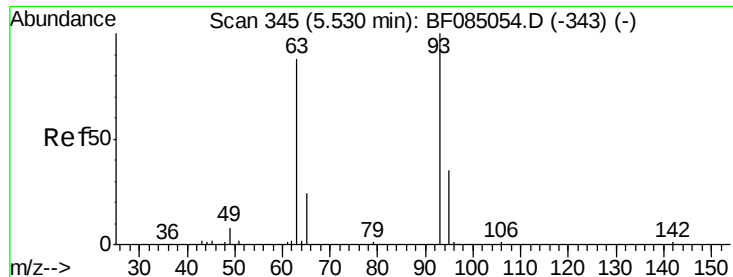
Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	94	Resp:	898603
Ion	Ratio	Lower	Upper
94	100		
65	54.1	37.3	77.3
66	94.2	84.1	124.1





#11

bis(2-Chloroethyl)ether

Concen: 64.88 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

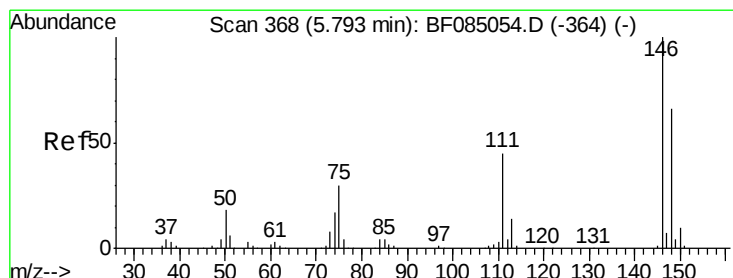
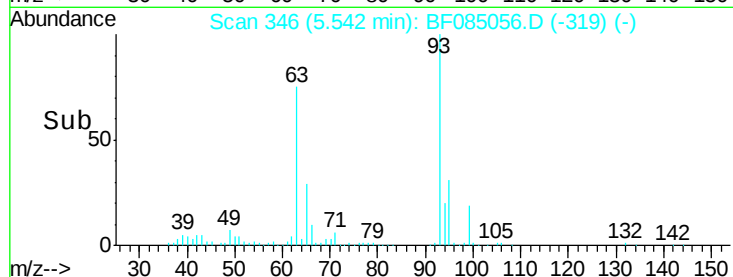
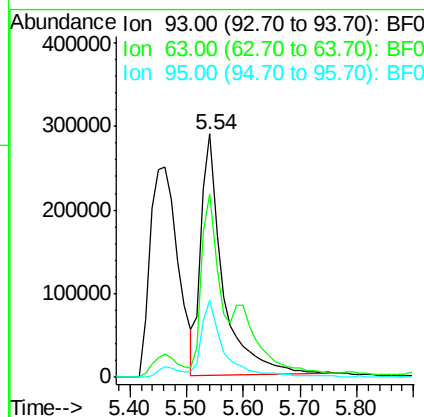
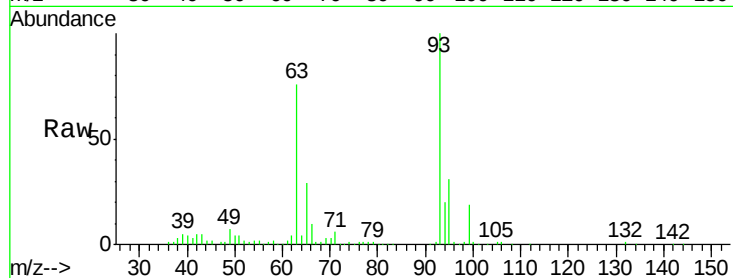
ClientSampleId :

SSTDICC060

Tot Ion:	93	Resp:	767114
Ion Ratio	Lower	Upper	
93	100		
63	75.6	53.6	93.6
95	31.5	10.1	50.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 56.57 ng

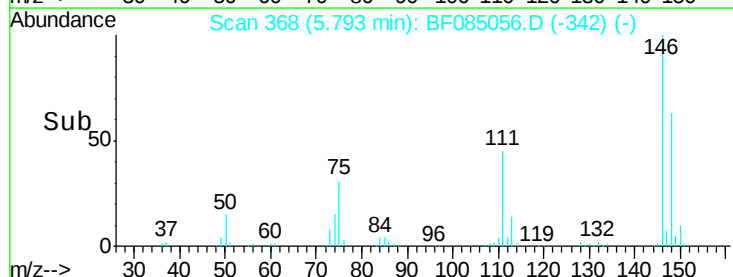
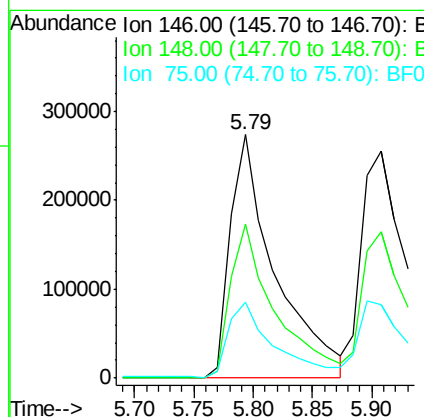
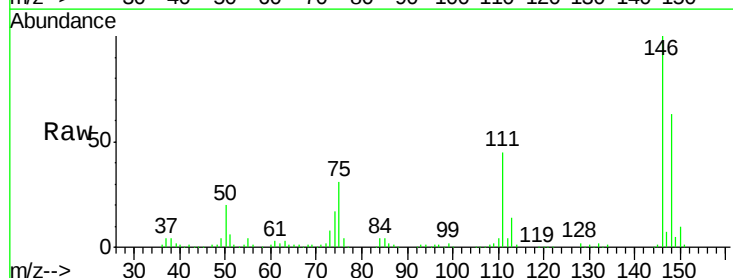
RT: 5.79 min Scan# 368

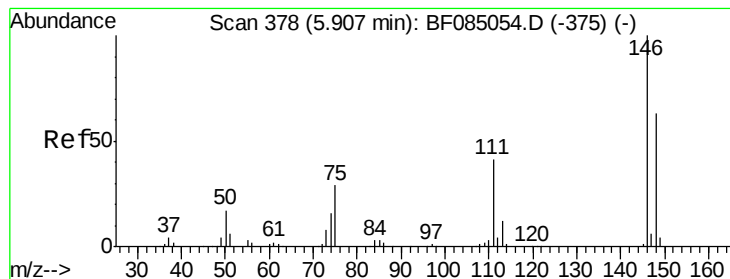
Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	146	Resp:	715247
Ion Ratio	Lower	Upper	
146	100		
148	63.2	53.1	79.7
75	31.3	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 60.30 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

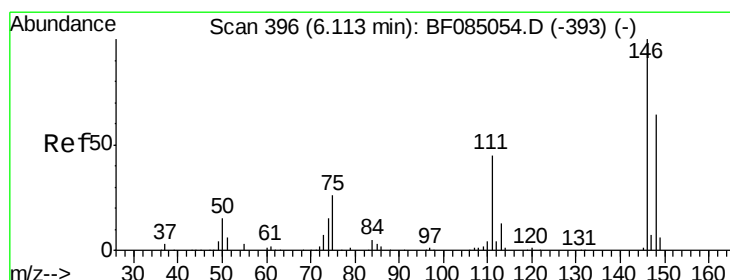
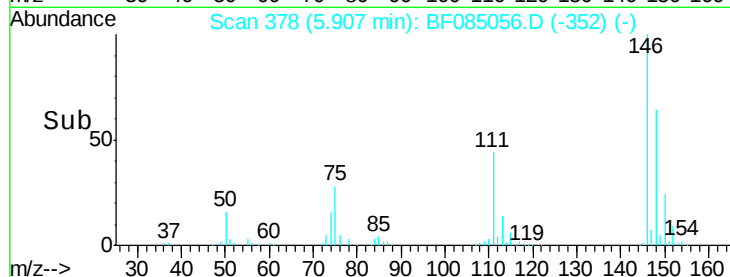
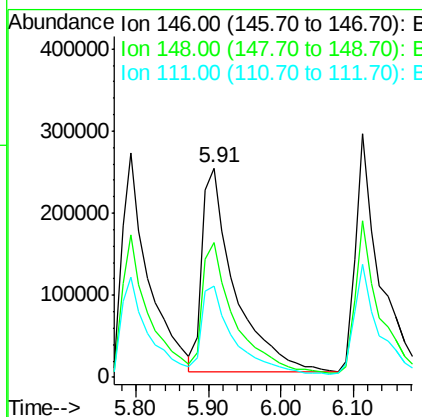
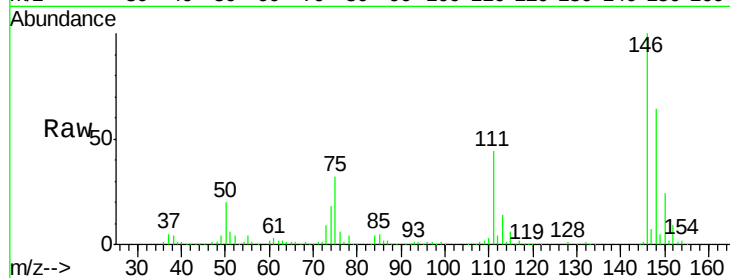
ClientSampleId :

SSTDIC060

Tot Ion:	146	Resp:	769216
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.3	75.5
111	43.7	33.6	50.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 60.62 ng

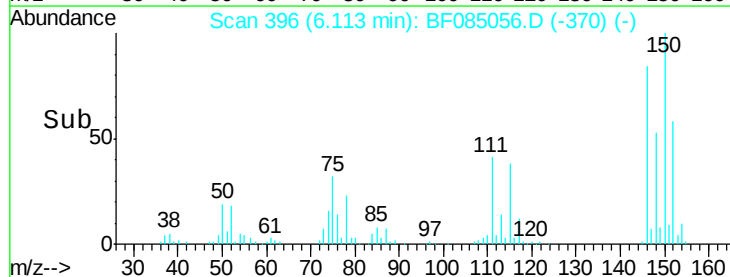
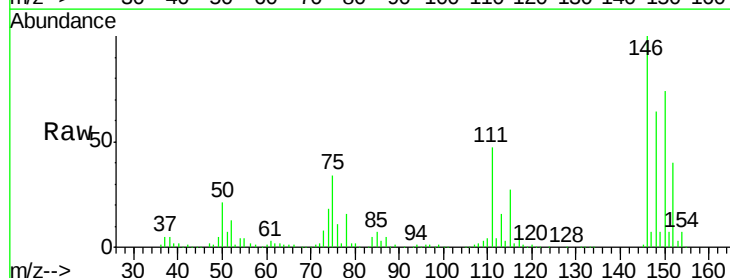
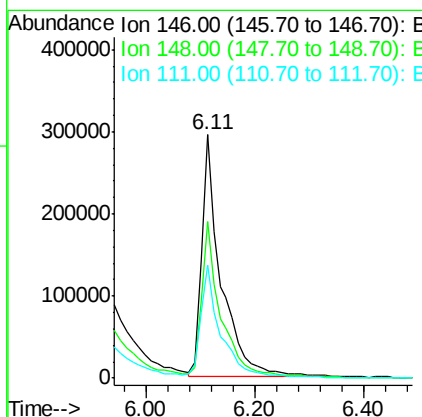
RT: 6.11 min Scan# 396

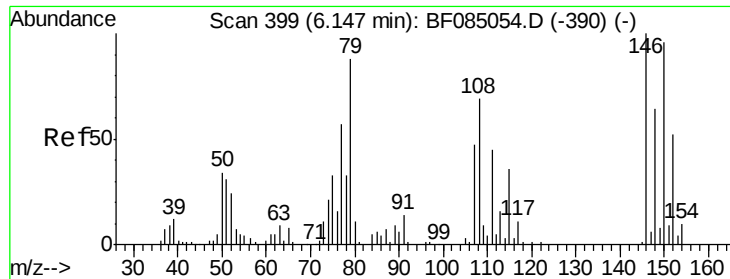
Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	146	Resp:	714509
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.5	77.3
111	46.6	36.5	54.7





#15

Benzyl Alcohol

Concen: 52.89 ng/mL

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

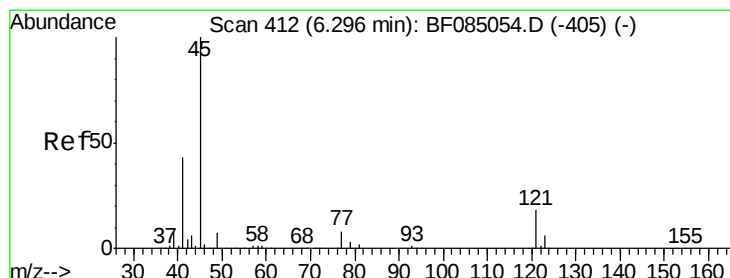
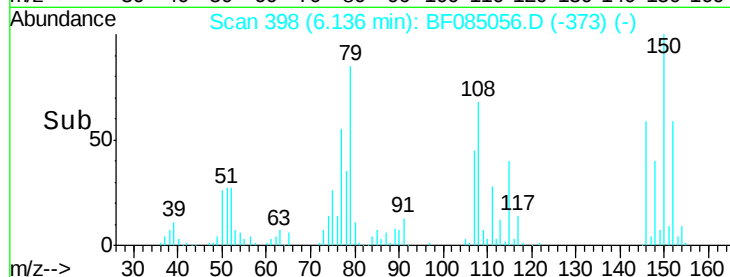
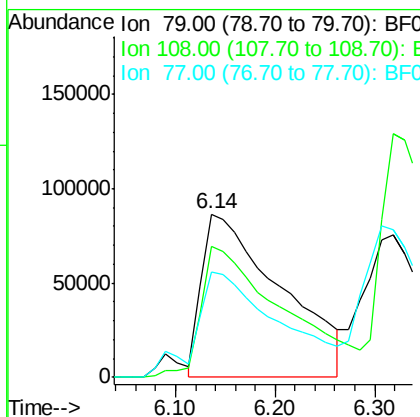
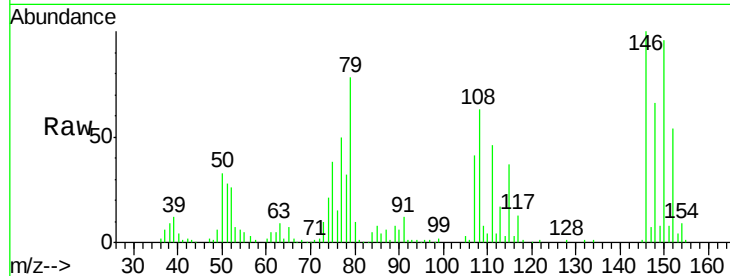
ClientSampleID :

SSTDIC060

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Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	63.4	95.0
77	64.4	51.8	77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.46 ng/mL

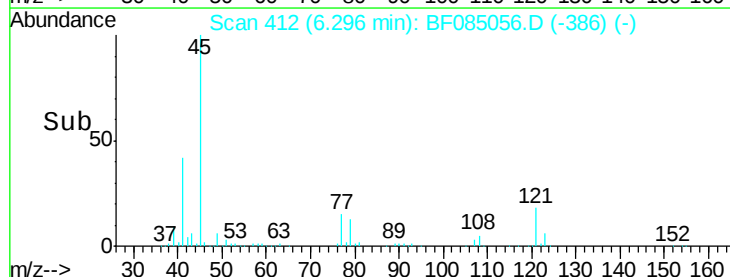
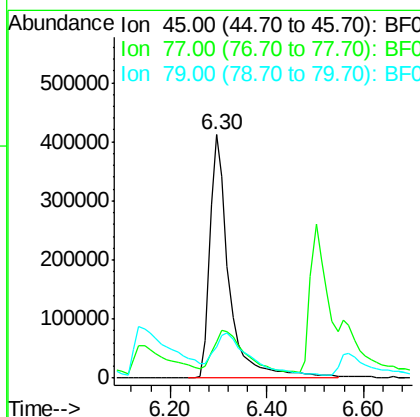
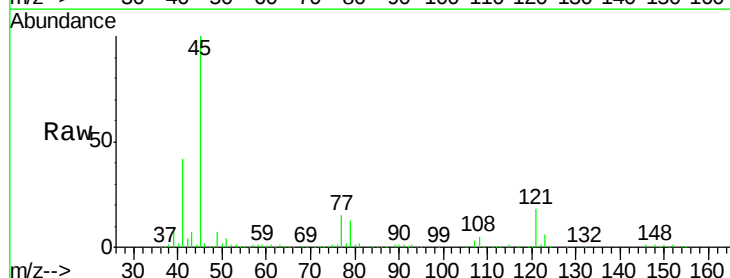
RT: 6.30 min Scan# 412

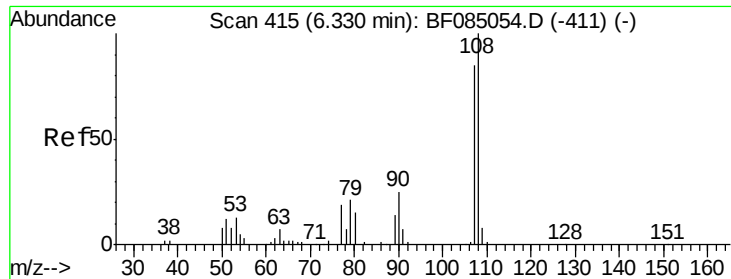
Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.2
79	12.7	0.0	33.7





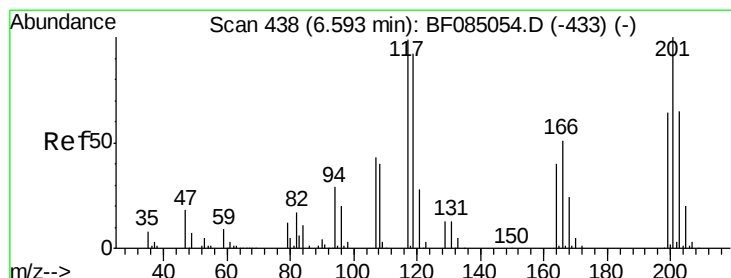
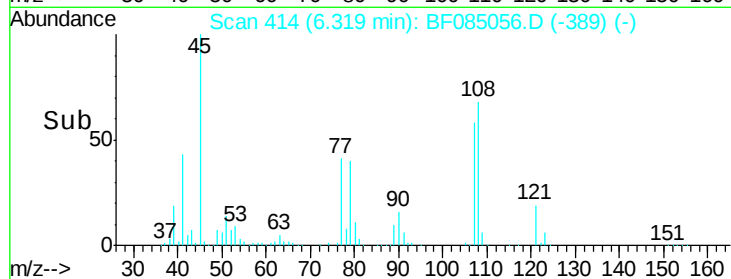
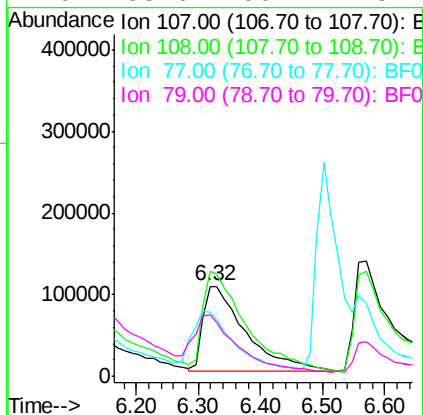
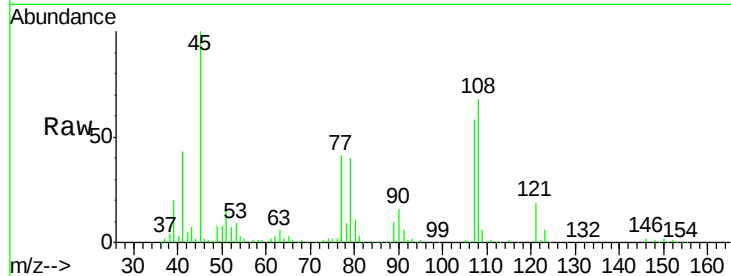
#17
2-Methylphenol
Concen: 52.94 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.1	97.0	145.4	
77	71.2	50.5	75.7	
79	68.6	50.1	75.1	

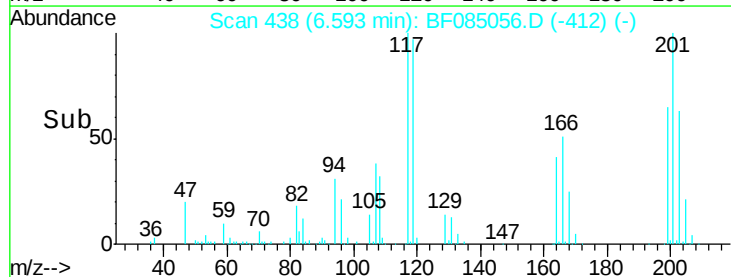
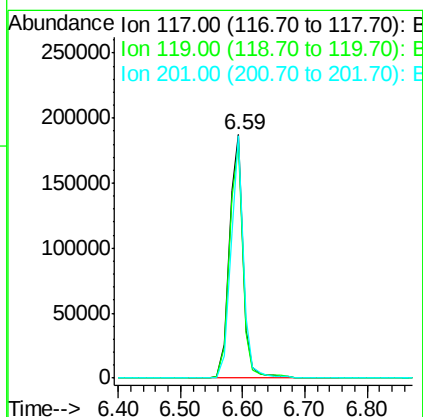
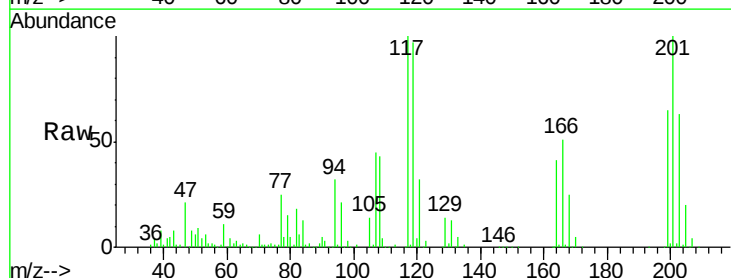
Manual Integrations
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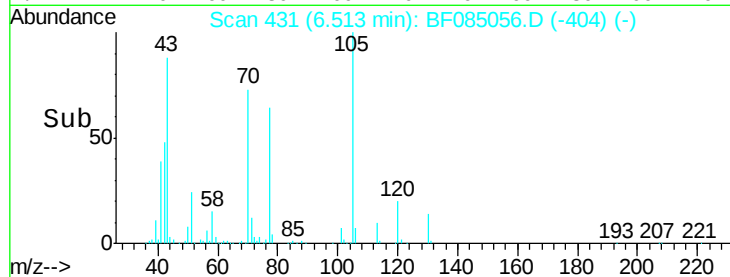
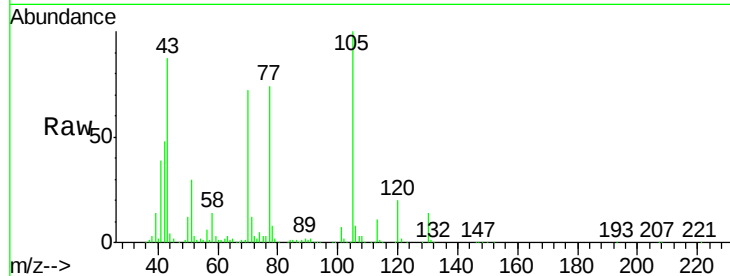
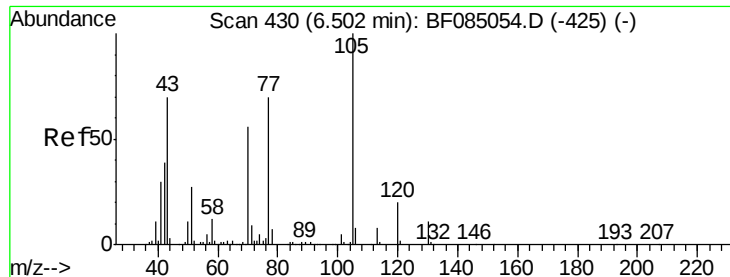
Sohil
2/15/2016 4:43:04 PM



#18
Hexachloroethane
Concen: 58.56 ng
RT: 6.59 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	74.5	111.7	
201	99.8	80.9	121.3	





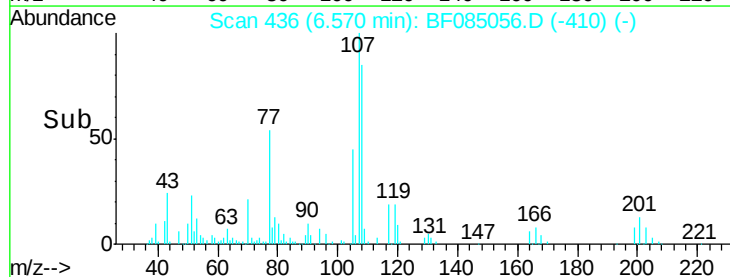
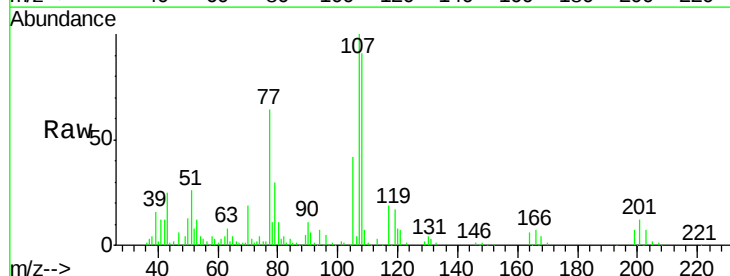
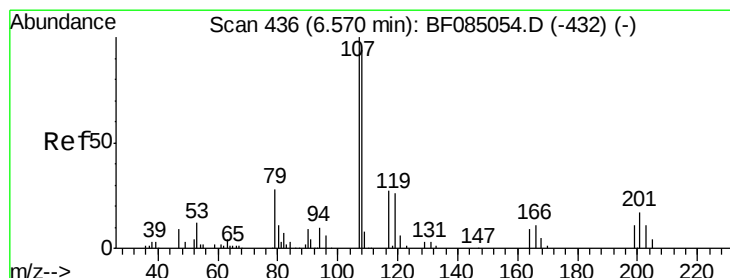
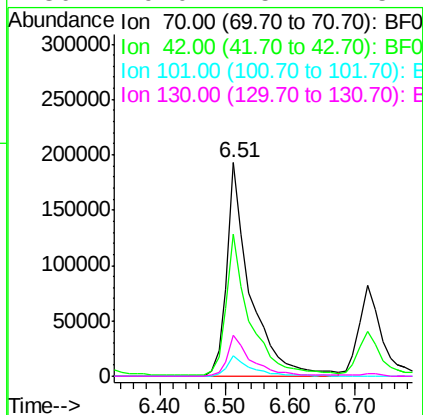
#19
n-Nitroso-di-n-propylamine
Concen: 58.04 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	66.7	55.8	83.6	
101	9.5	7.7	11.5	
130	19.0	15.4	23.2	

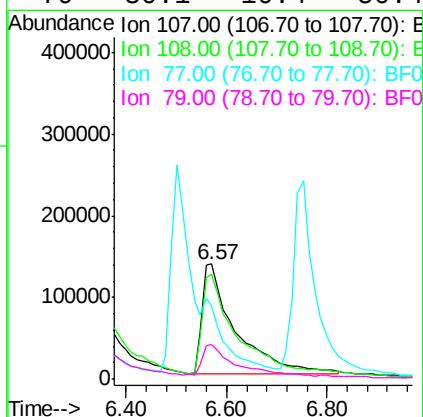
Manual Integrations
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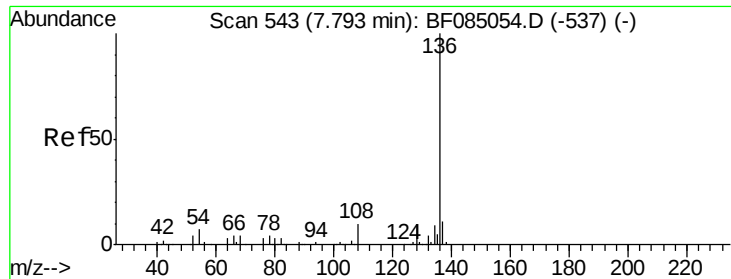
Sohil
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#20
3+4-Methylphenols
Concen: 53.46 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.0	74.4	114.4	
77	63.5	46.9	86.9	
79	30.1	10.4	50.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

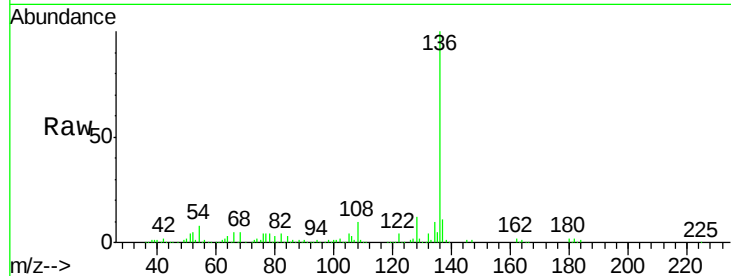
ClientSampleId :

SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		698252		
137	10.6		8.9	13.3	
54	8.0		6.1	9.1	
68	4.5		3.5	5.3	

Manual Integrations
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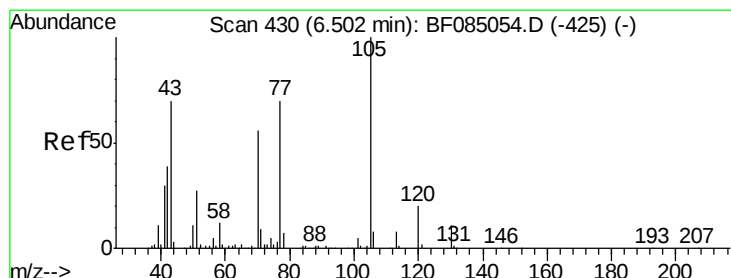
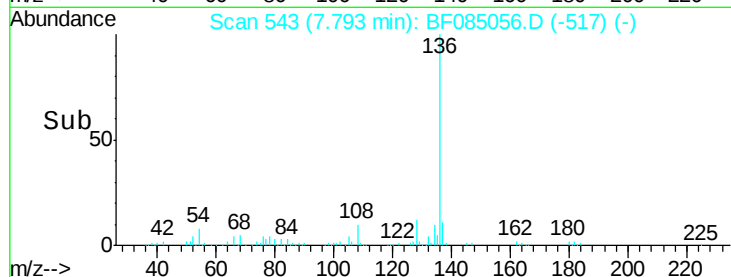
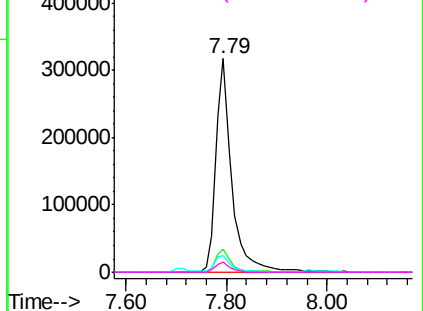


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 58.29 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

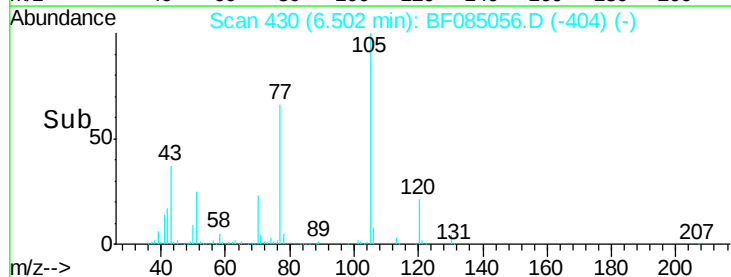
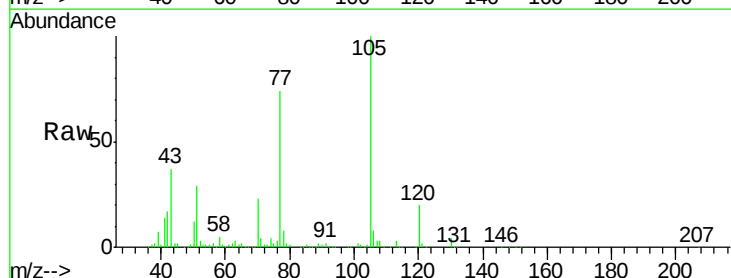
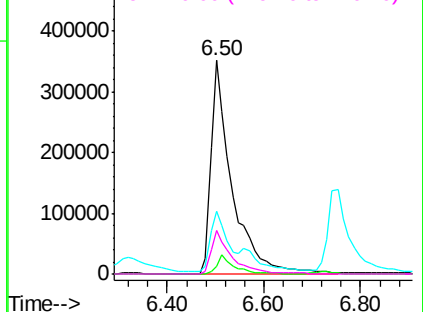
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1075014		
71	3.7		7.5	11.3#	
51	29.1		23.1	34.7	
120	20.5		15.9	23.9	

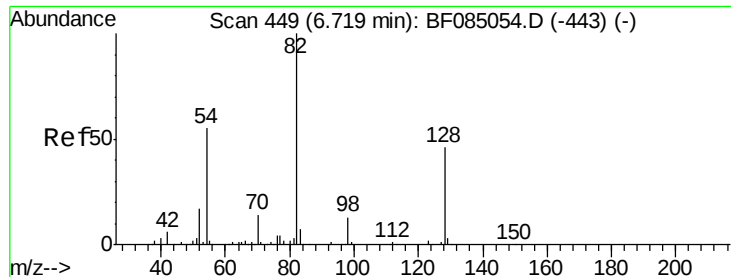
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





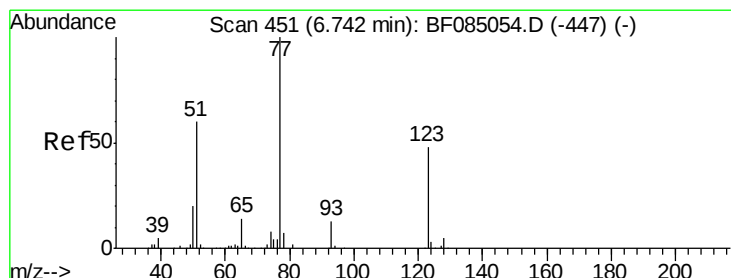
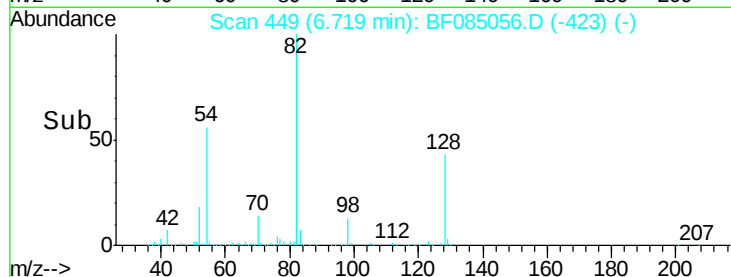
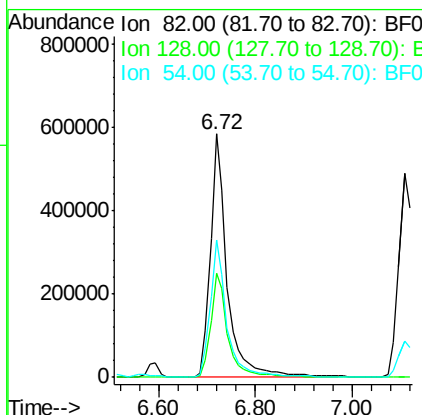
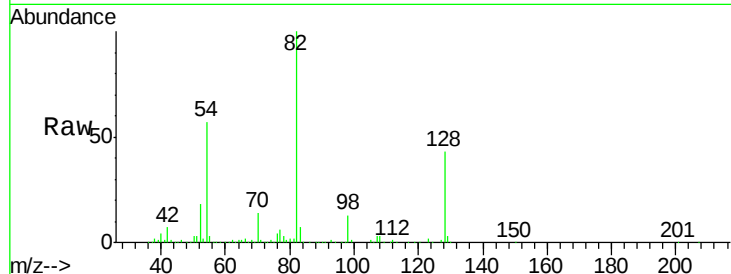
#23
 Nitrobenzene-d5
 Concen: 116.33 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	82	Resp	1432651
Ion Ratio	100	Lower	Upper
128	42.6	36.8	55.2
54	56.5	44.4	66.6

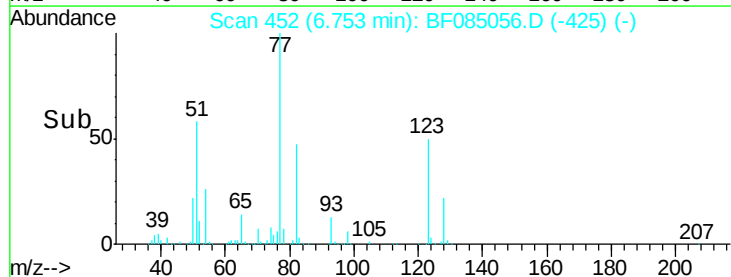
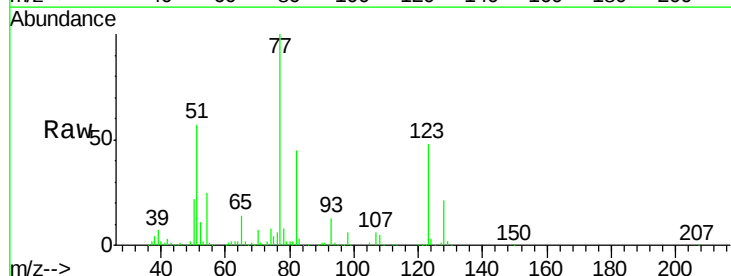
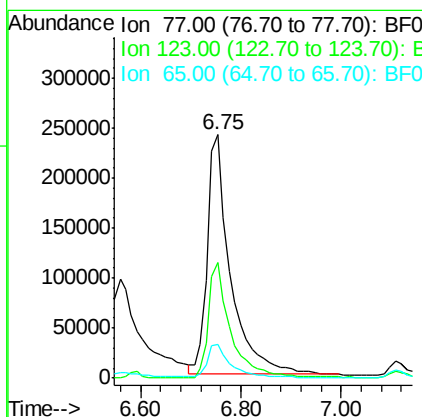
Manual Integrations
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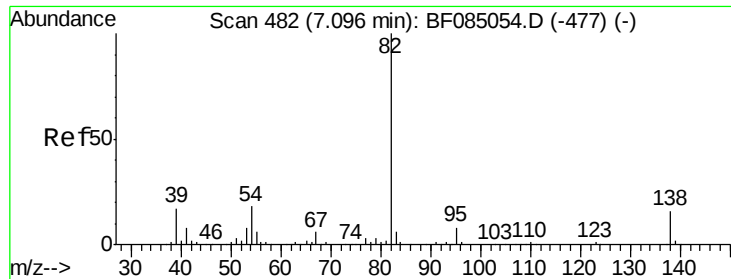
Sohil
 2/15/2016 4:43:04 PM



#24
 Nitrobenzene
 Concen: 57.60 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.01 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Tgt Ion	77	Resp	774072
Ion Ratio	100	Lower	Upper
123	47.6	36.5	54.7
65	13.9	10.9	16.3





#25

Isophorone

Concen: 55.19 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1311479

Ion Ratio Lower Upper

82 100

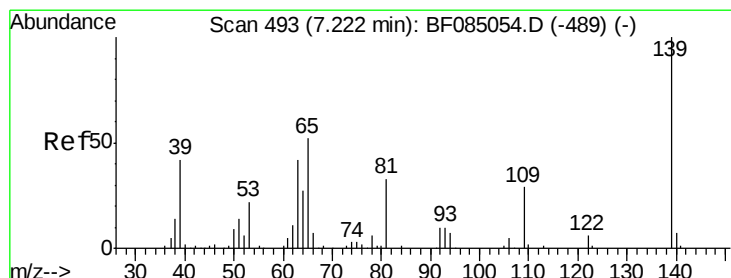
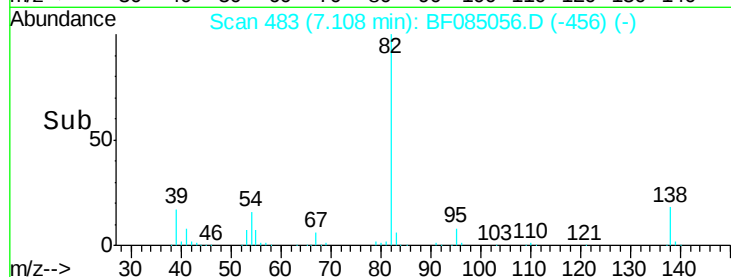
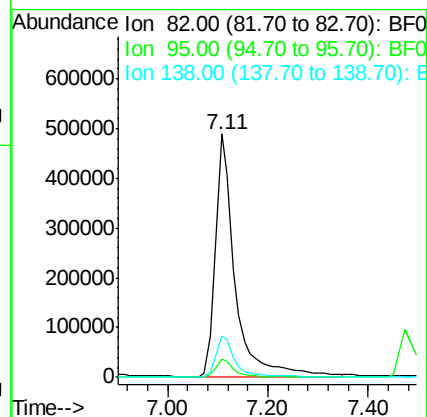
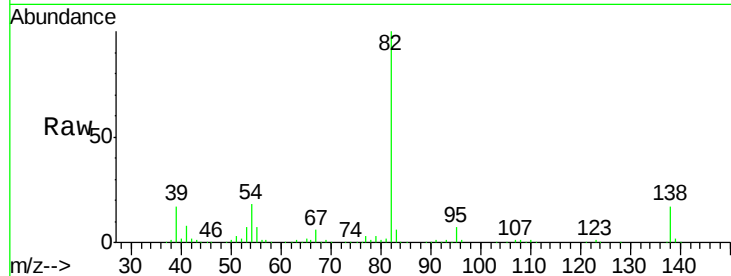
95 7.3 6.1 9.1

138 16.9 13.1 19.7

Manual Integrations
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2/15/2016 4:43:04 PM



#26

2-Nitrophenol

Concen: 59.22 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

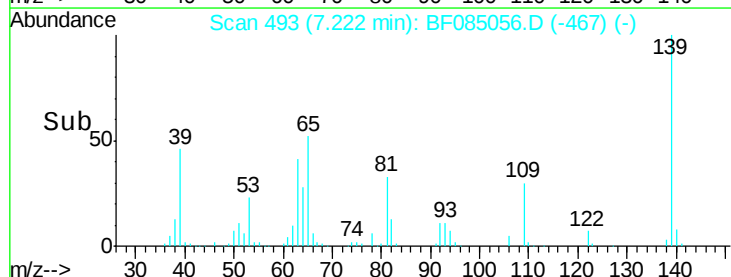
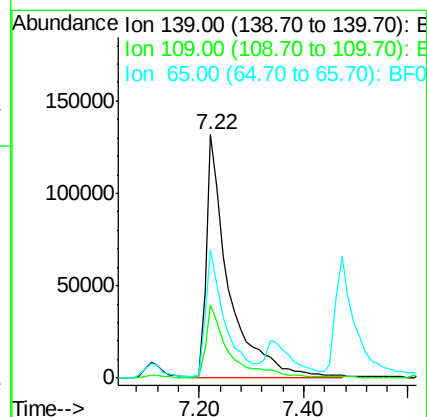
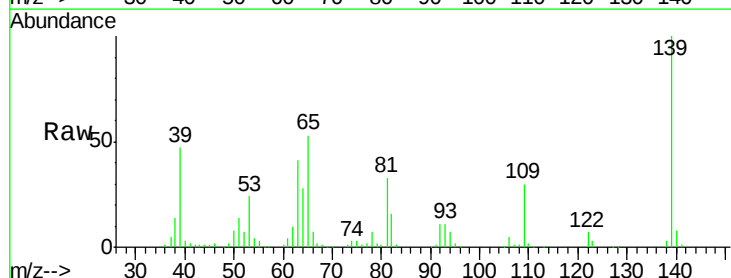
Tgt Ion: 139 Resp: 387626

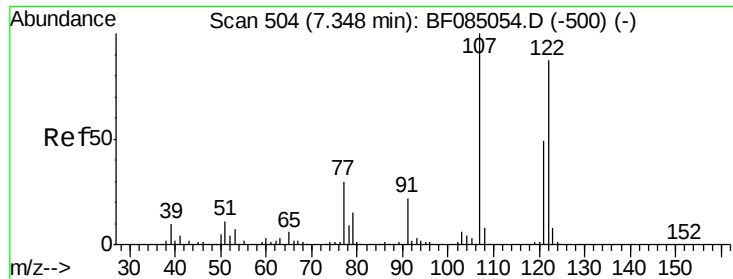
Ion Ratio Lower Upper

139 100

109 30.4 23.4 35.2

65 53.0 42.3 63.5





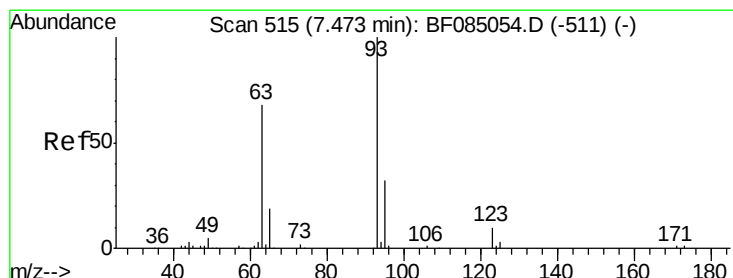
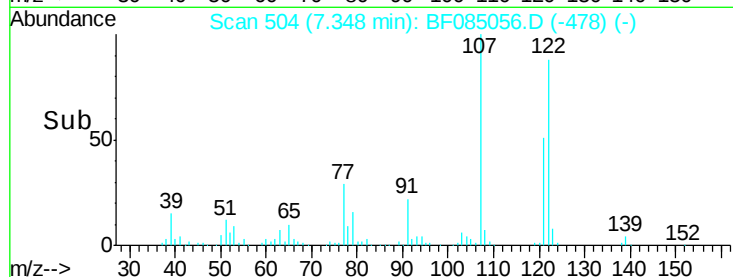
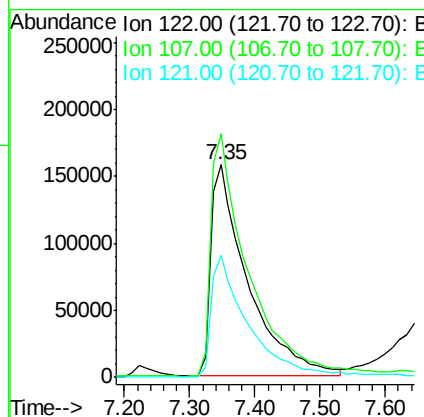
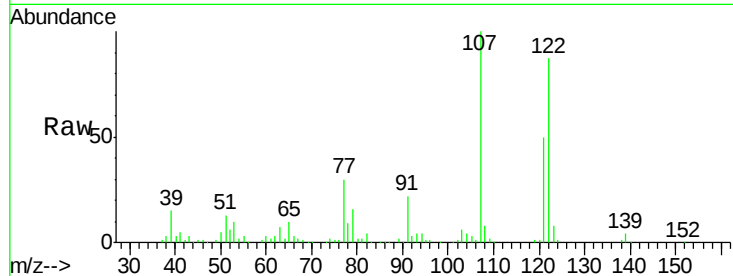
#27
 2,4-Dimethylphenol
 Concen: 54.81 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100	621591		
107	114.6	91.8	137.8	
121	57.4	45.0	67.4	

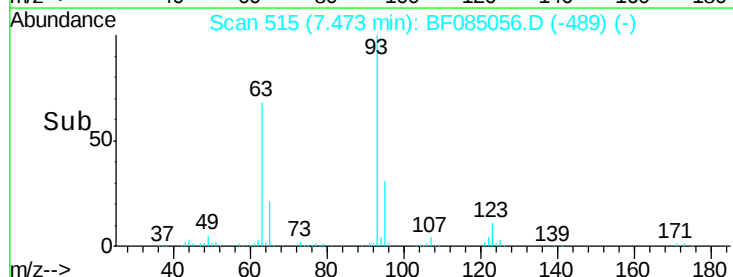
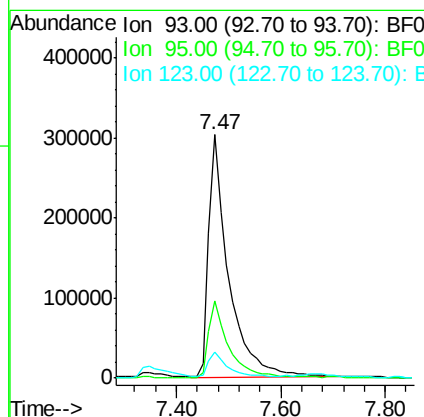
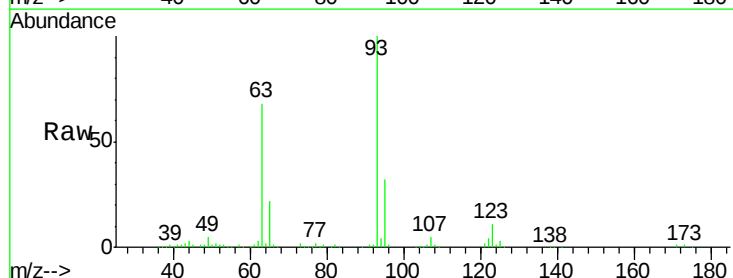
Manual Integrations
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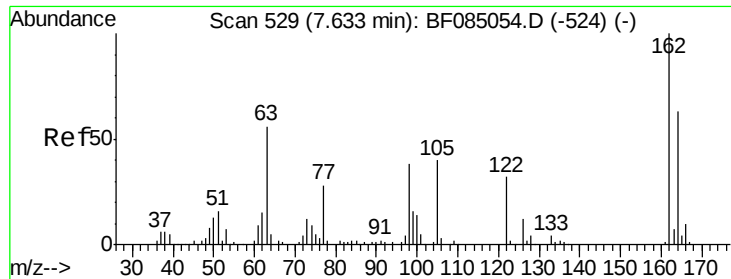
Sohil
 2/15/2016 4:43:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 56.42 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	803571		
95	31.8	25.6	38.4	
123	10.9	8.7	13.1	





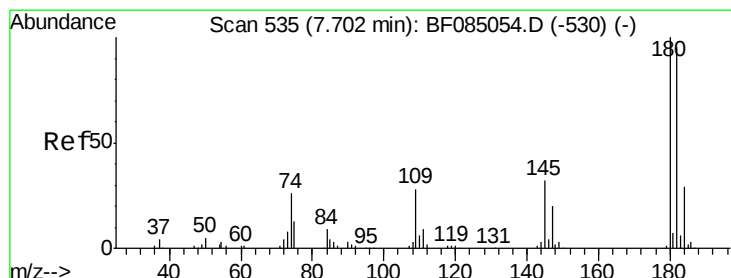
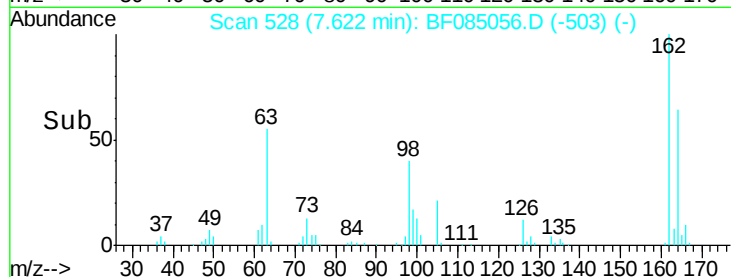
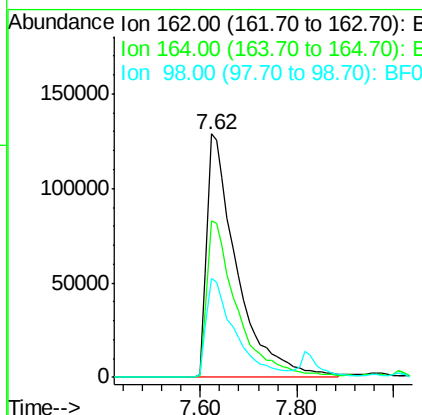
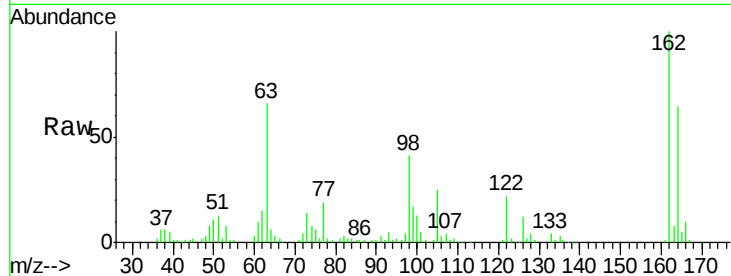
#29
 2,4-Dichlorophenol
 Concen: 58.20 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100	561664		
164	64.3	42.8	82.8	
98	40.7	17.6	57.6	

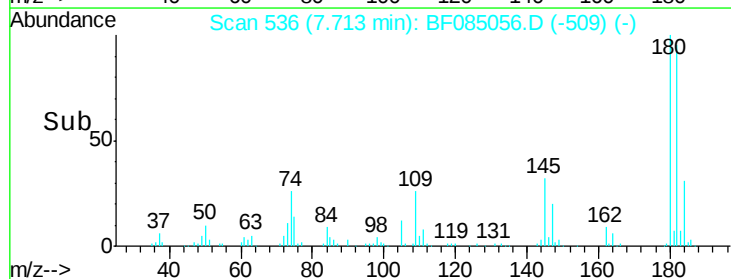
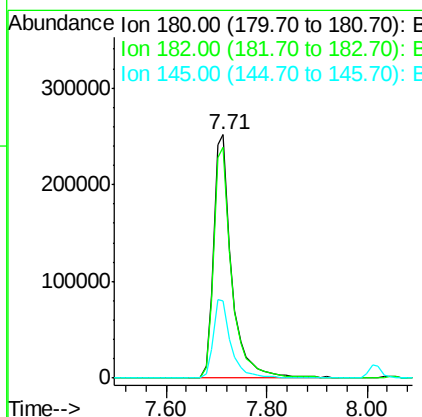
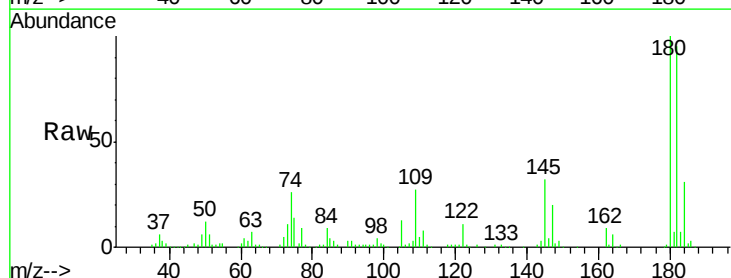
Manual Integrations
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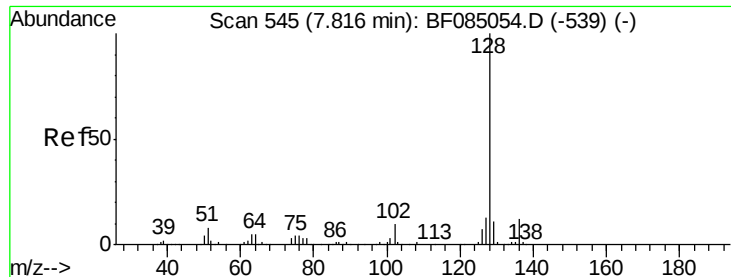
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 57.02 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	627287		
182	94.8	75.8	113.8	
145	31.8	25.9	38.9	





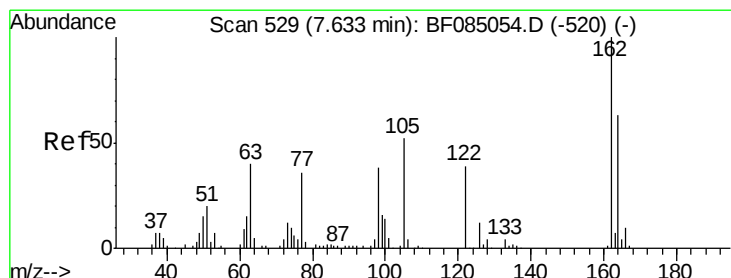
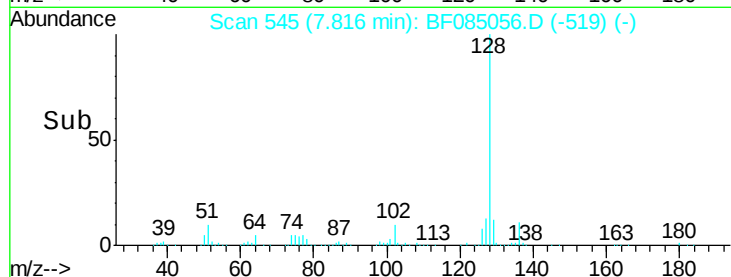
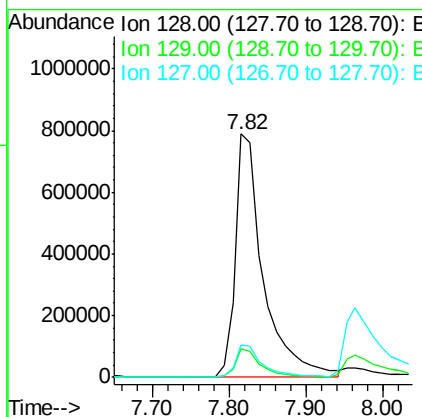
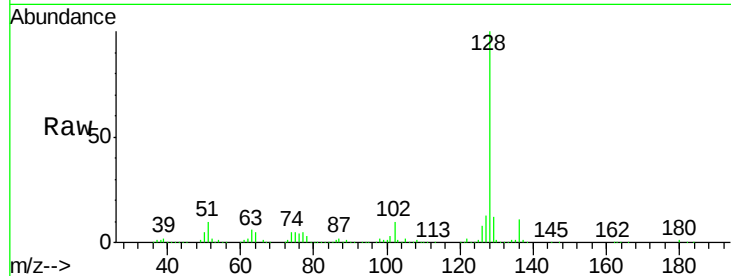
#31
Naphthalene
Concen: 57.01 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.3	10.3	15.5

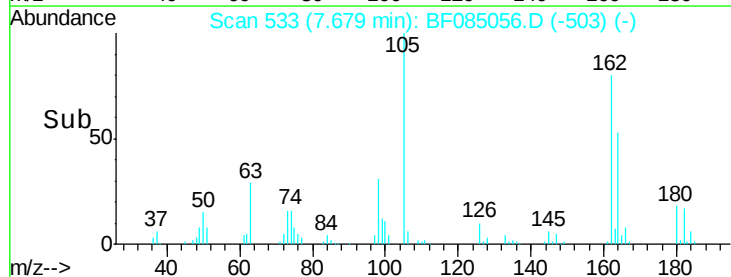
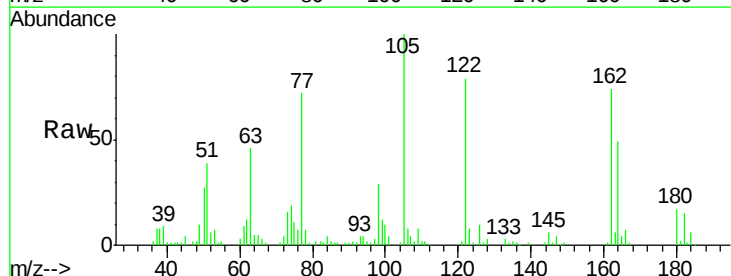
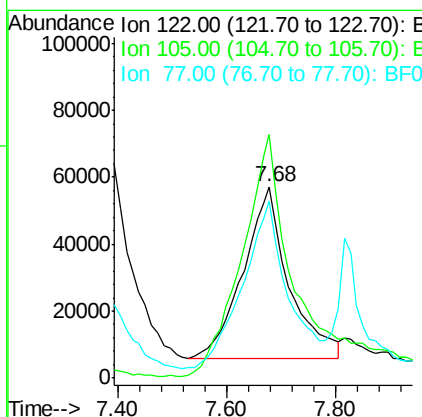
Manual Integrations
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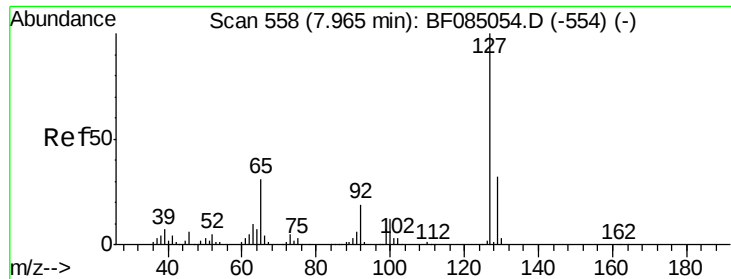
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#32
Benzoic acid
Concen: 43.22 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.05 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.2	101.3	141.3
77	92.2	70.0	110.0





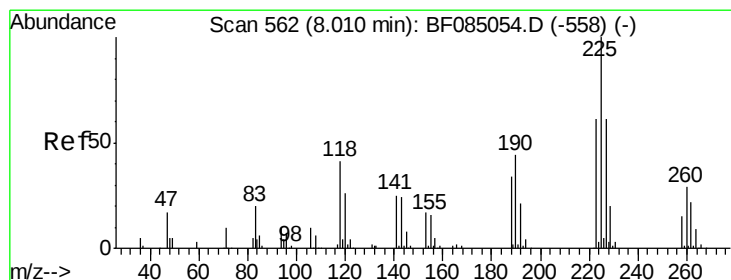
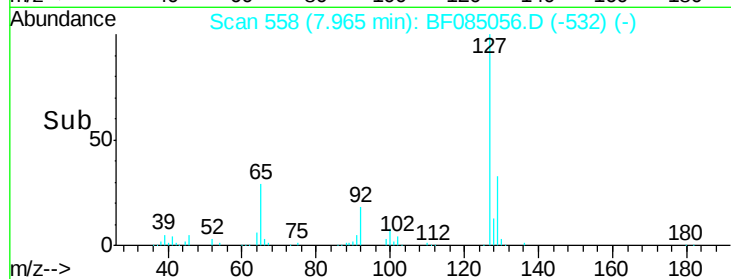
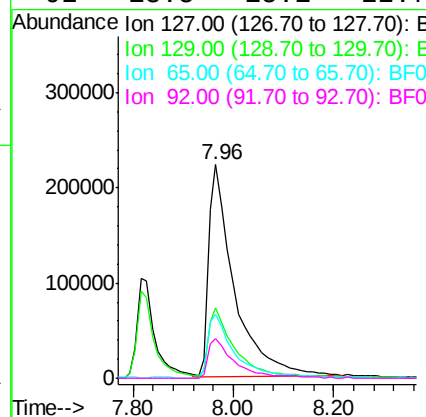
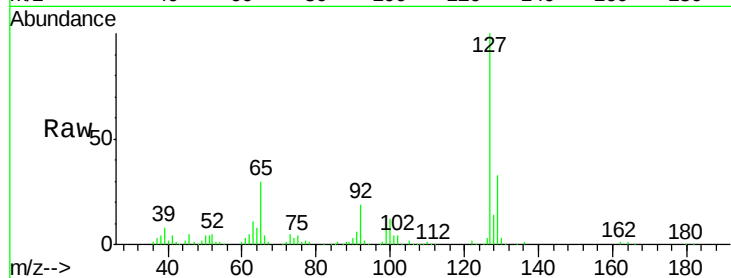
#33
 4-Chloroaniline
 Concen: 54.13 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
785202	127	100			
	129	32.9	26.6	39.8	
	65	29.8	24.7	37.1	
	92	18.5	15.1	22.7	

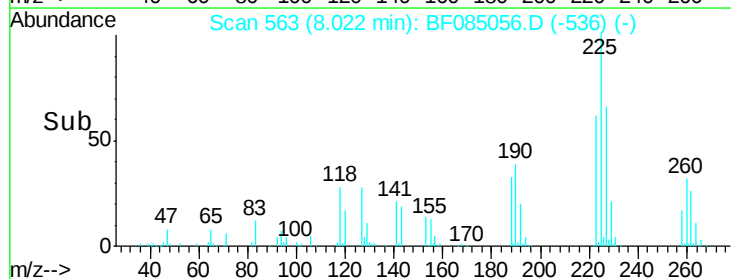
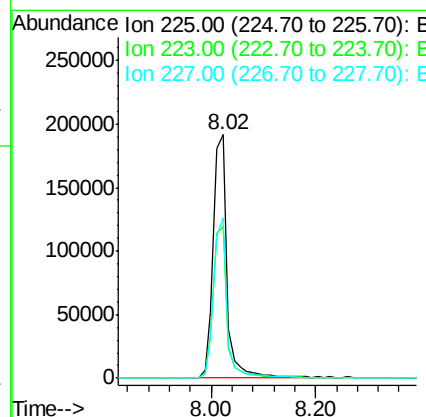
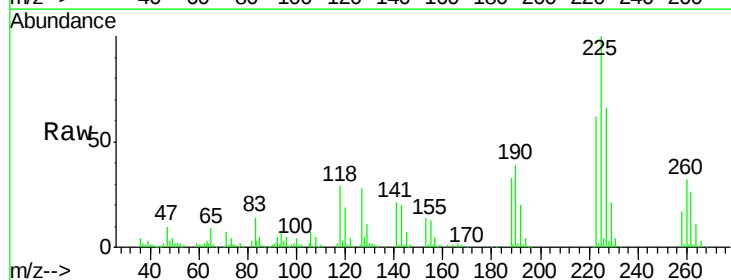
Manual Integrations
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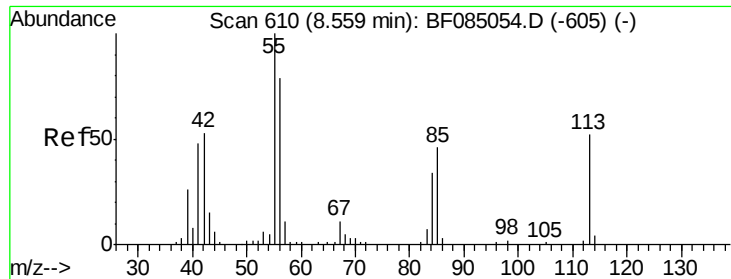
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#34
 Hexachlorobutadiene
 Concen: 56.88 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
358654	225	100			
	223	62.1	48.6	73.0	
	227	65.7	48.9	73.3	





#35

Caprolactam

Concen: 52.92 ng

RT: 8.59 min Scan# 613

Delta R.T. 0.03 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

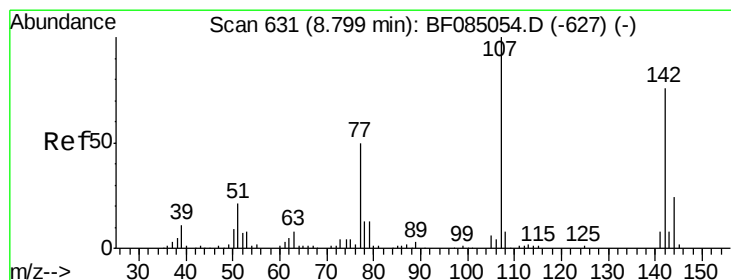
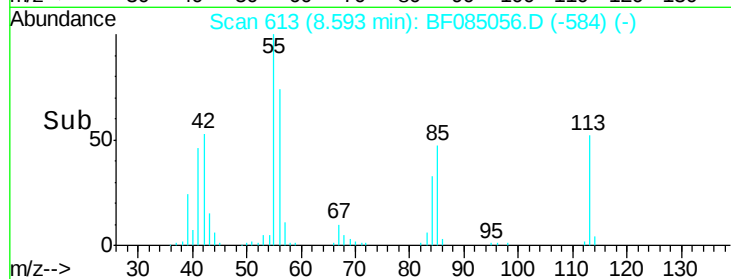
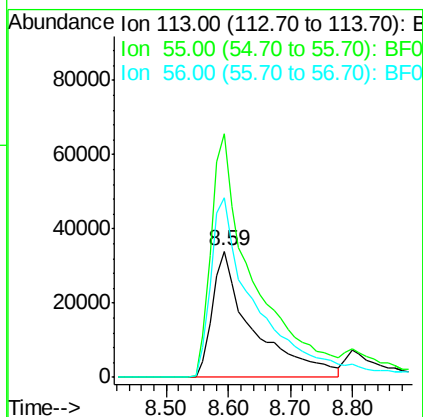
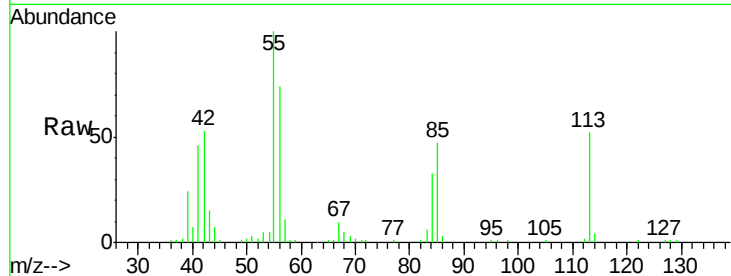
ClientSampleId :

SSTDICC060

Tot Ion:	113	Resp:	152448
Ion Ratio	Lower	Upper	
113	100		
55	193.4	173.1	213.1
56	142.3	132.9	172.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 57.81 ng

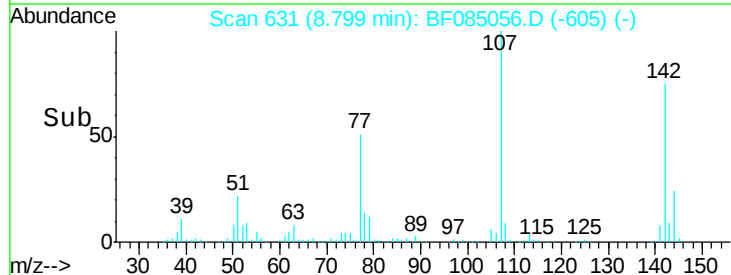
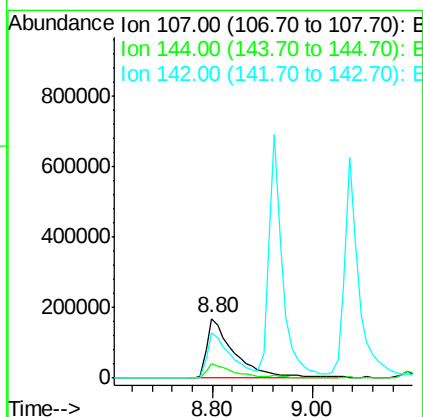
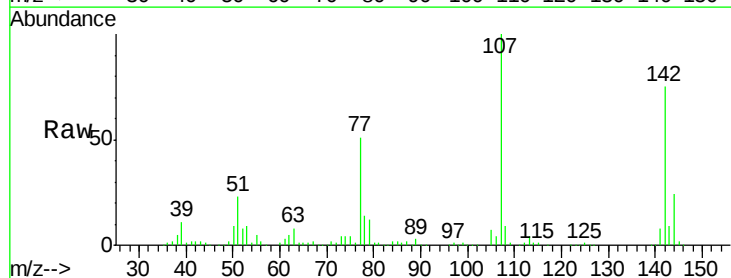
RT: 8.80 min Scan# 631

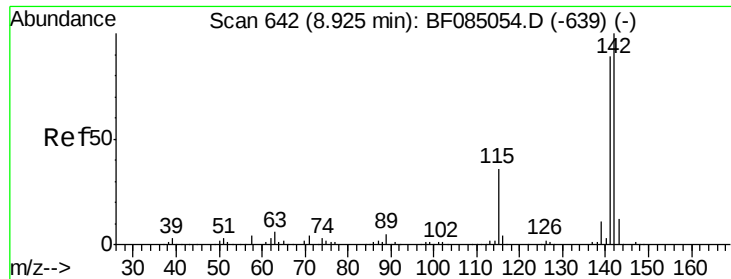
Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	107	Resp:	646252
Ion Ratio	Lower	Upper	
107	100		
144	24.2	19.2	28.8
142	74.7	60.6	91.0





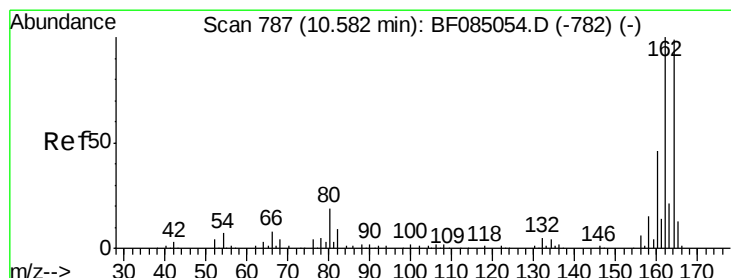
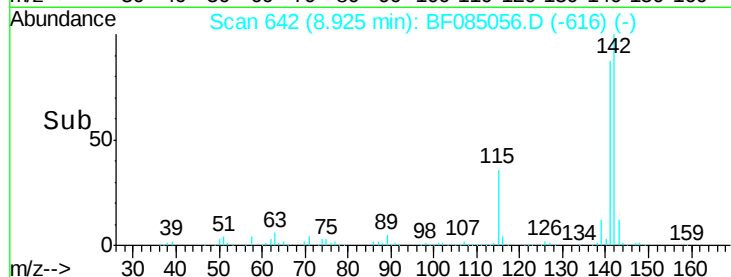
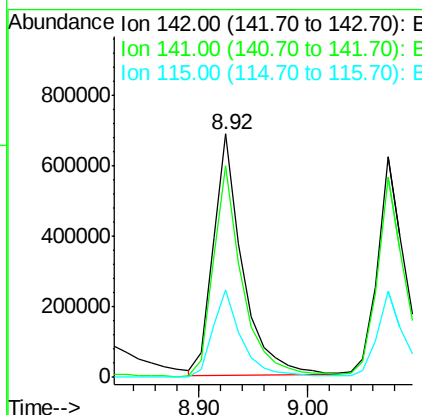
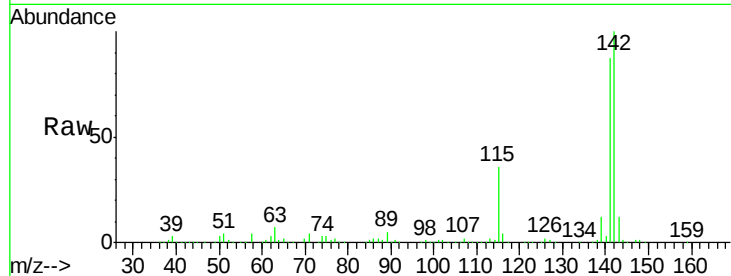
#37
2-Methylnaphthalene
Concen: 59.11 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.6	104.4
115	35.7	27.9	41.9

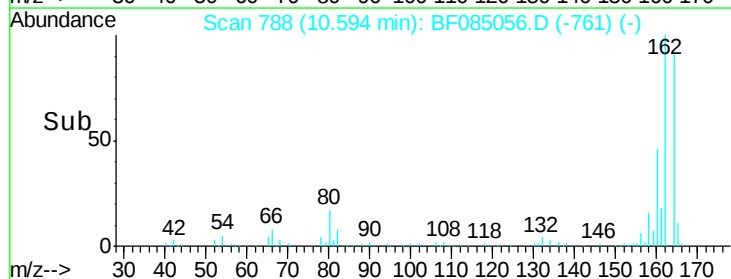
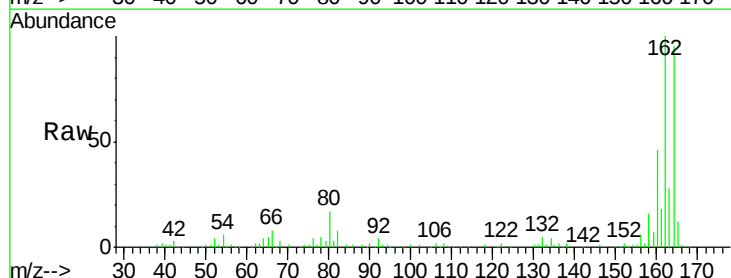
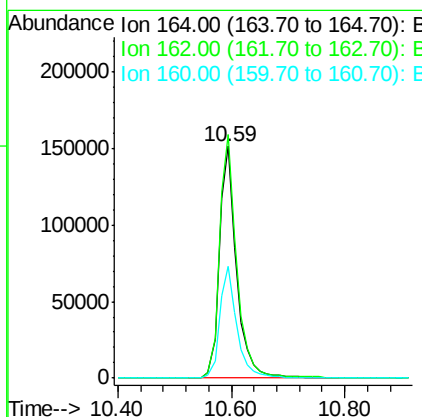
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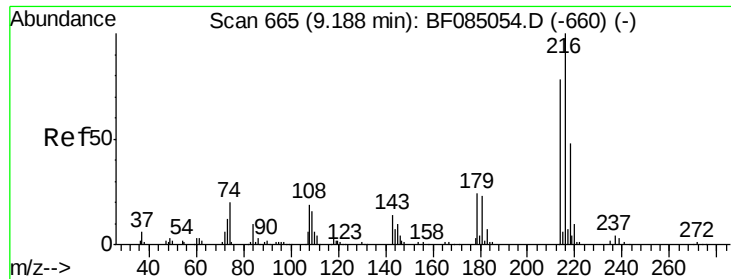
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.1	121.7
160	48.0	37.4	56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 60.00 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

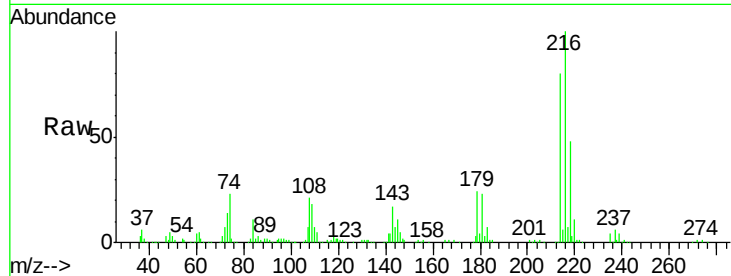
ClientSampleId :

SSTDICC060

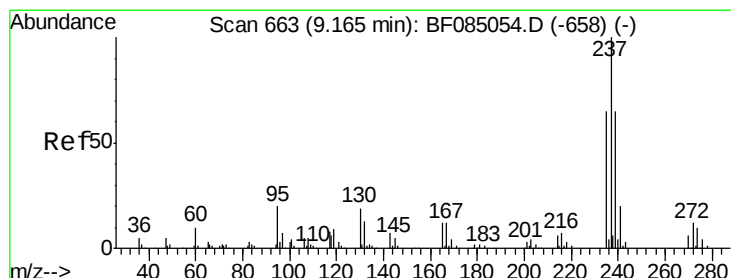
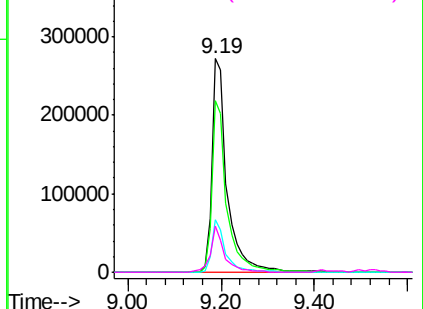
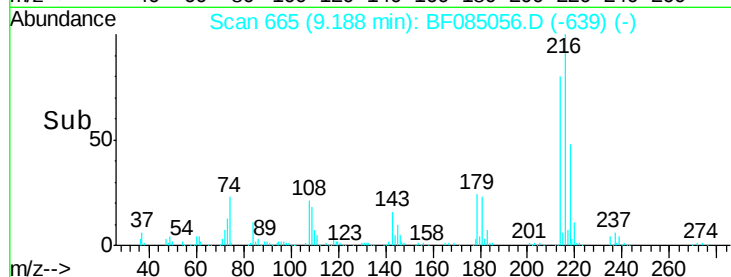
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		620710		
214	79.2	62.2	93.2		
179	22.7	18.1	27.1		
108	20.0	15.7	23.5		

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



#40

Hexachlorocyclopentadiene

Concen: 69.04 ng

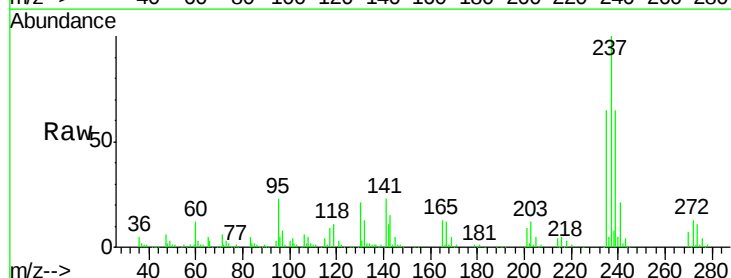
RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

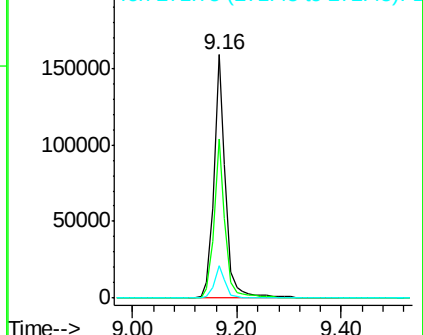
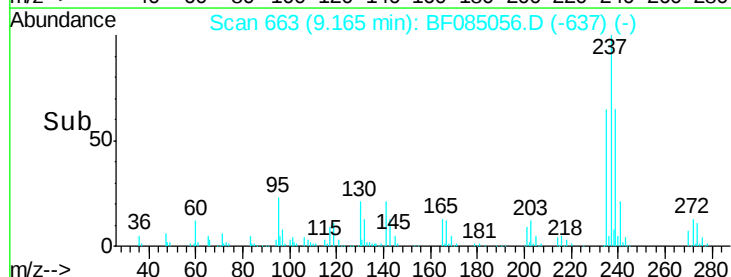
Lab File: BF085056.D

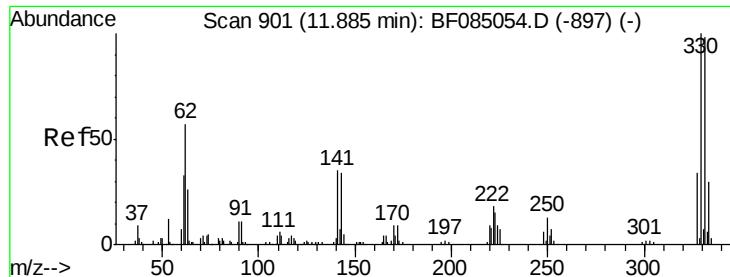
Acq: 12 Feb 2016 20:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		246097		
235	65.2	44.8	84.8		
272	13.3	0.0	31.8		



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





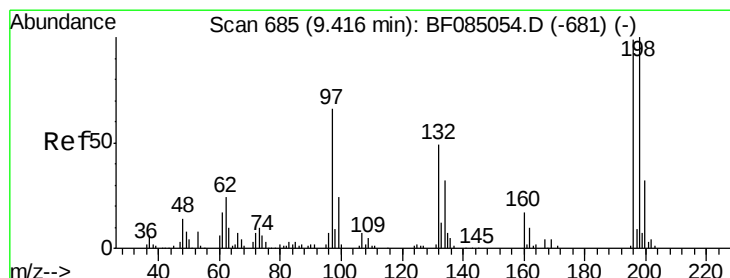
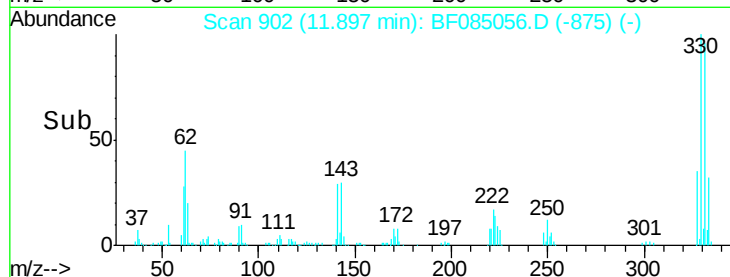
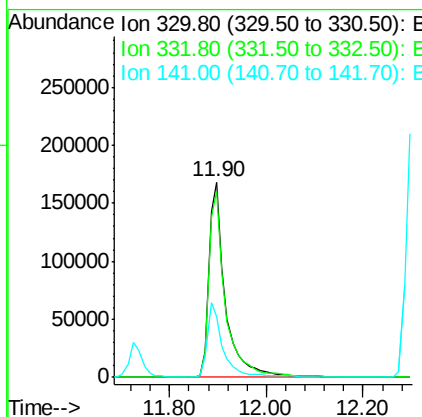
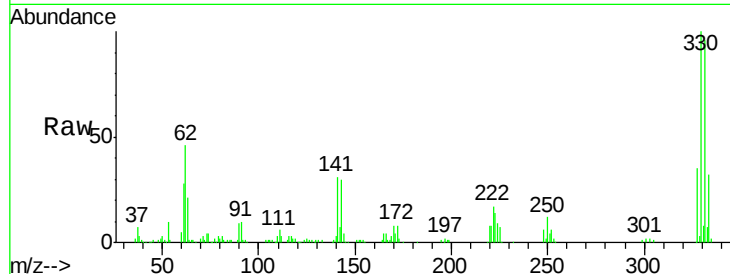
#41
 2,4,6-Tribromophenol
 Concen: 121.44 ng
 RT: 11.90 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	78.5	117.7	
141	36.8	28.6	42.8	

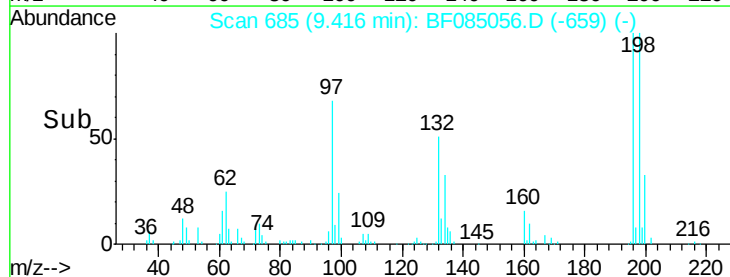
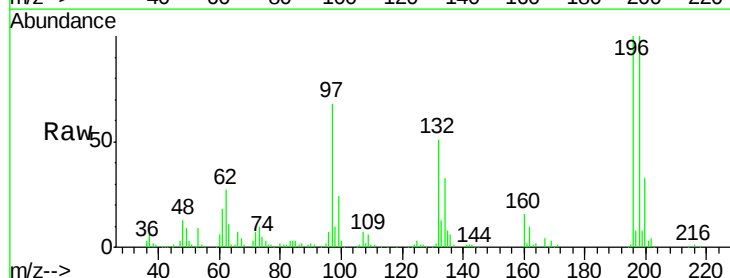
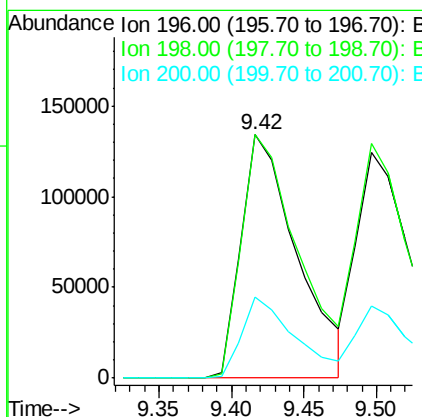
Manual Integrations
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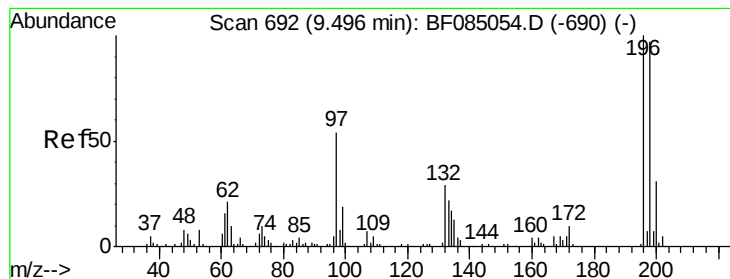
Sohil
 2/15/2016 4:43:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.64 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.1	81.0	121.6	
200	33.4	26.3	39.5	





#43

2,4,5-Trichlorophenol

Concen: 58.98 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

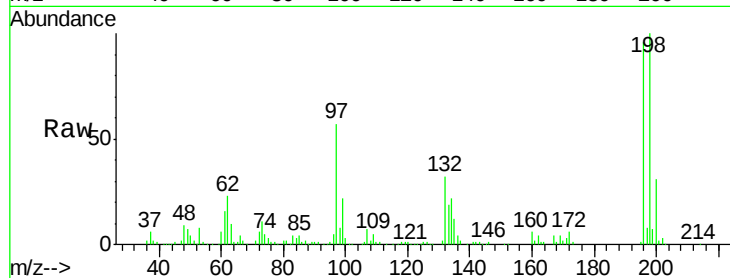
ClientSampleId :

SSTDICC060

Tot Ion:	196	Resp:	393945
Ion Ratio	Lower	Upper	
196	100		
198	103.9	79.7	119.5
97	58.7	47.0	70.4
132	33.7	26.4	39.6

Manual Integrations
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Sohil
2/15/2016 4:43:04 PM



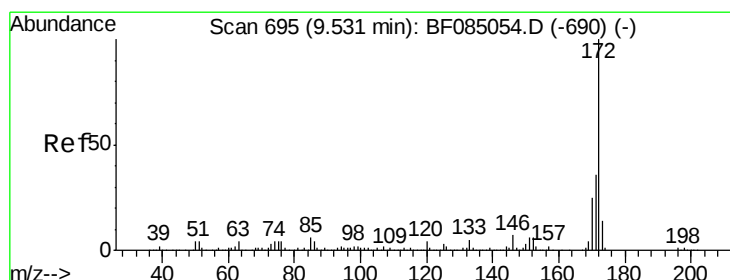
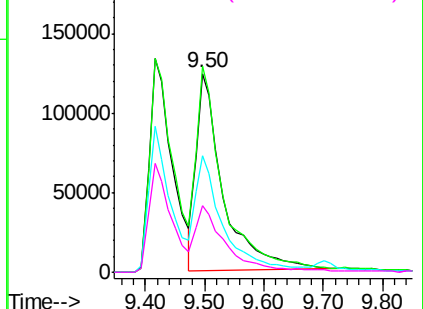
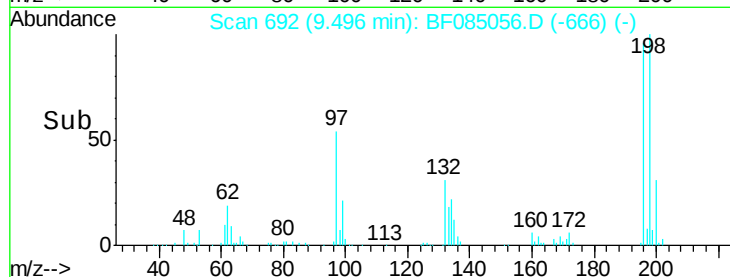
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 119.34 ng

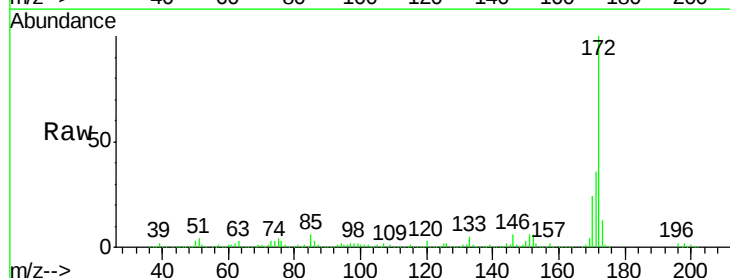
RT: 9.54 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	172	Resp:	2588578
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.1	43.7
170	24.4	19.6	29.4

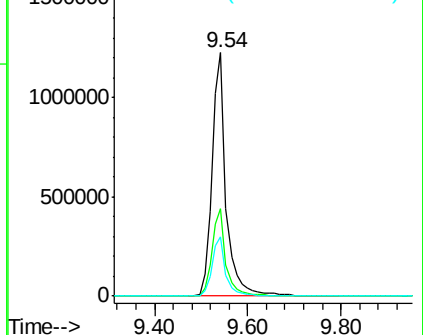
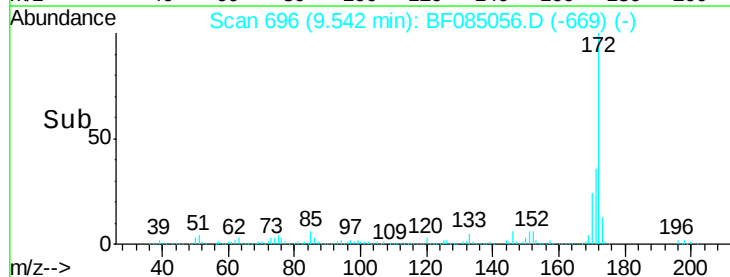


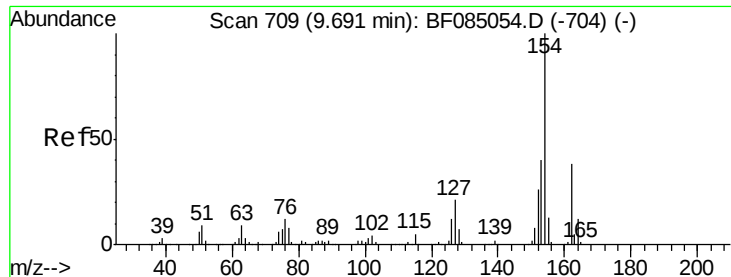
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 59.48 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1703234

Ion Ratio Lower Upper

154 100

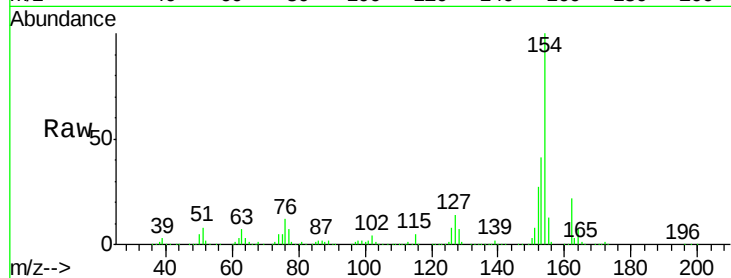
153 40.9 19.9 59.9

76 11.5 0.0 31.6

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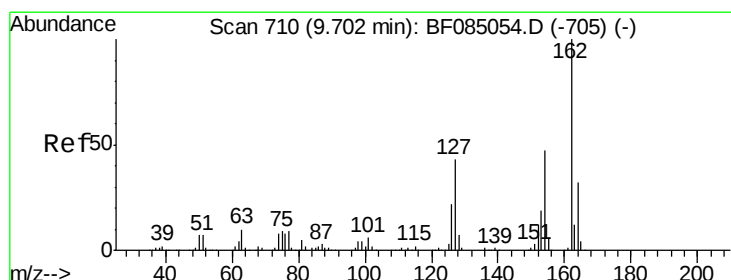
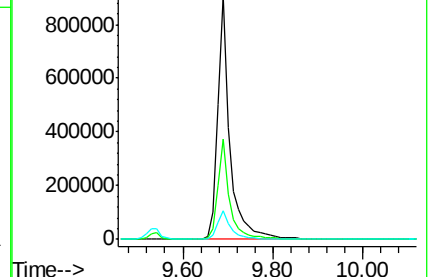
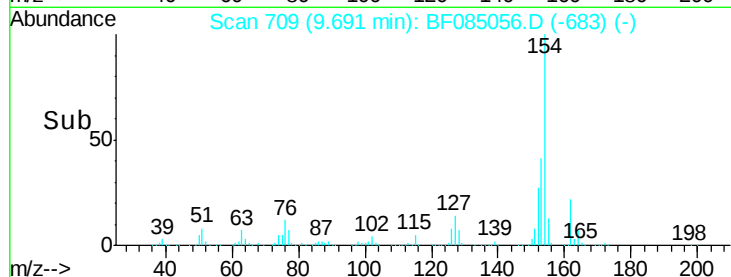
2/15/2016 4:43:04 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 57.20 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

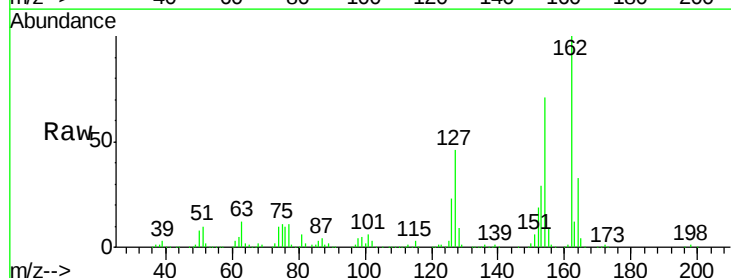
Tgt Ion:162 Resp: 1204874

Ion Ratio Lower Upper

162 100

127 46.3 34.8 52.2

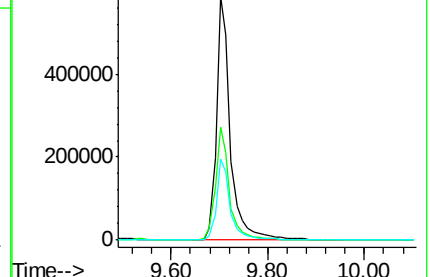
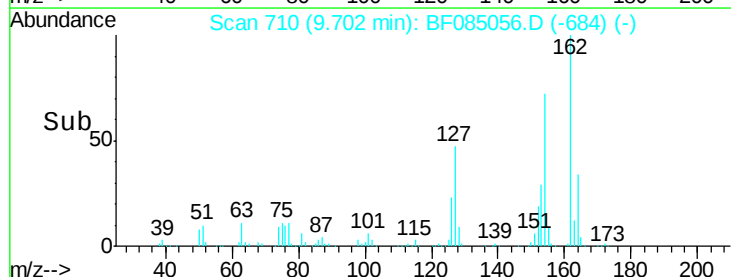
164 33.4 25.8 38.6

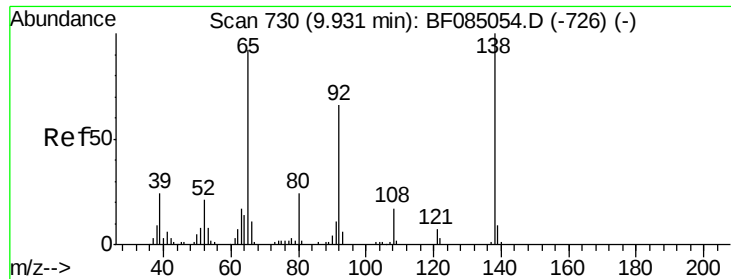


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.08 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

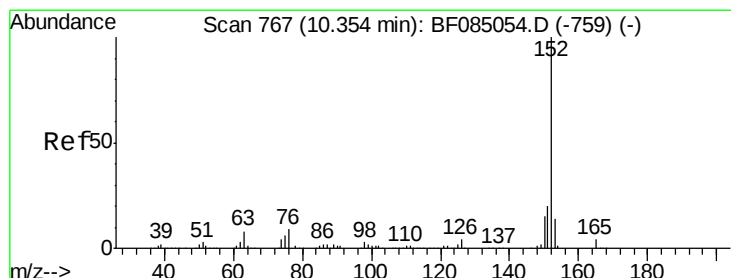
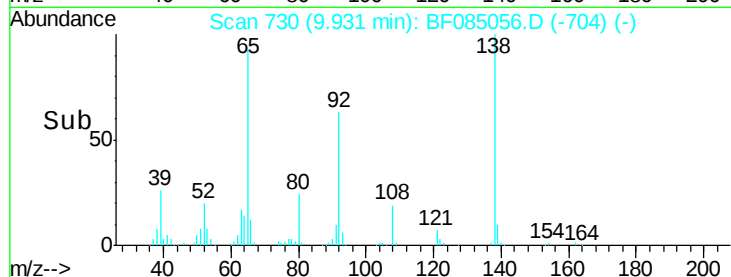
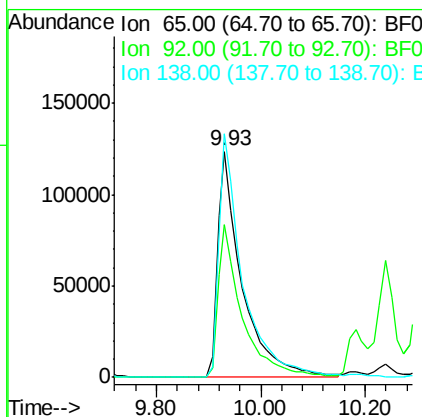
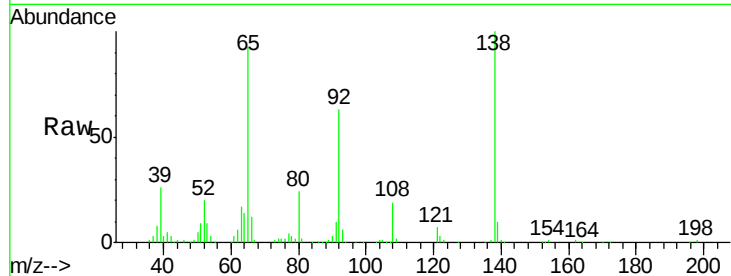
ClientSampleId :

SSTDIC060

Tot Ion:	65	Resp:	399298
Ion Ratio	Lower	Upper	
65	100		
92	67.5	57.1	85.7
138	107.7	86.8	130.2

Manual Integrations
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#48

Acenaphthylene

Concen: 59.65 ng

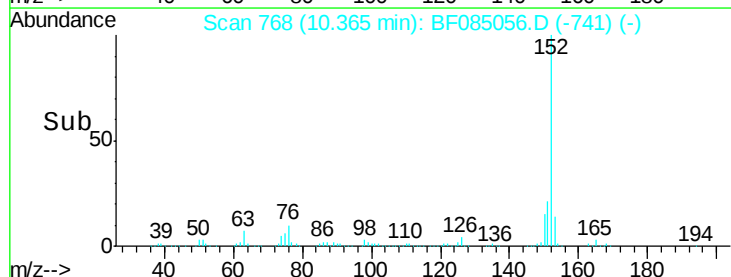
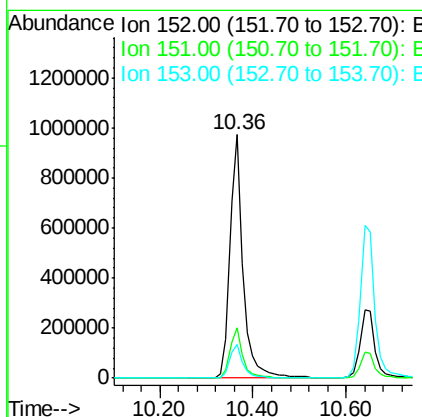
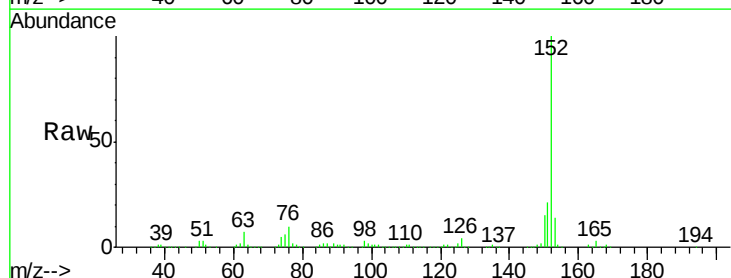
RT: 10.36 min Scan# 768

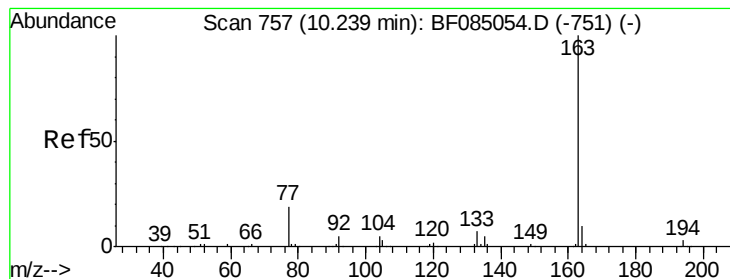
Delta R.T. 0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	152	Resp:	1913670
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.0	24.0
153	14.1	11.1	16.7





#49

Dimethylphthalate

Concen: 58.69 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:163 Resp: 1423653

Ion Ratio Lower Upper

163 100

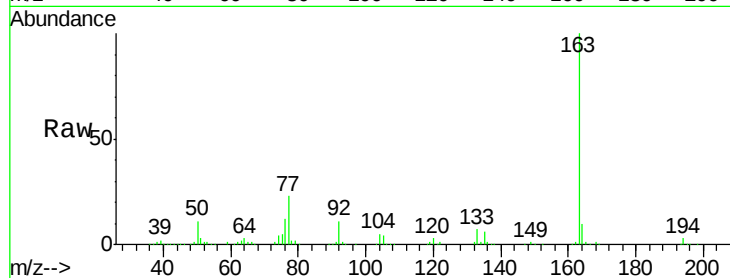
194 3.2 2.5 3.7

164 10.1 7.8 11.8

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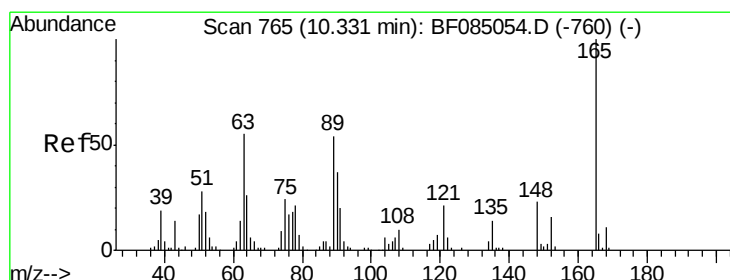
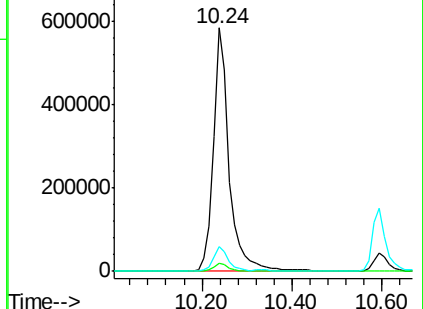
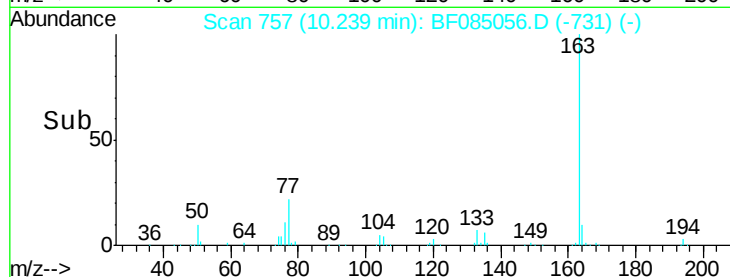
2/15/2016 4:43:04 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 57.32 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

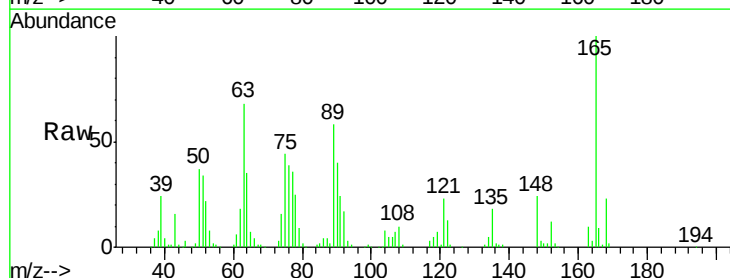
Tgt Ion:165 Resp: 300282

Ion Ratio Lower Upper

165 100

63 68.0 47.5 71.3

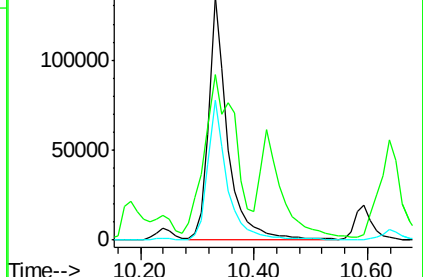
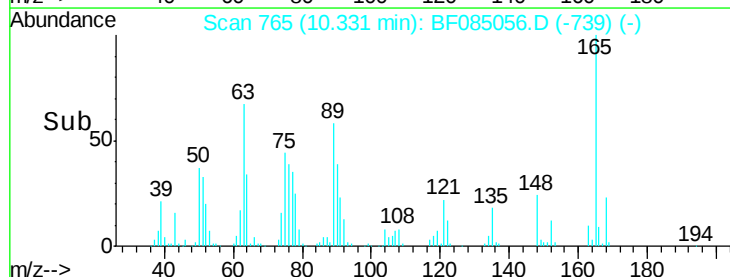
89 57.6 42.9 64.3

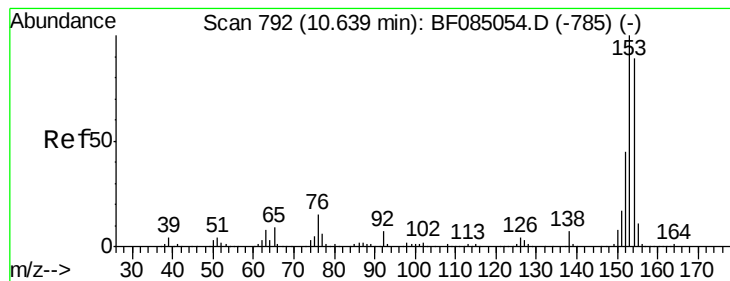


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.91 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1154893

Ion Ratio Lower Upper

154 100

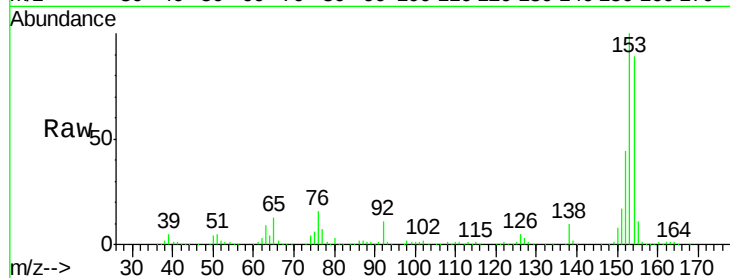
153 112.3 89.5 134.3

152 49.8 40.7 61.1

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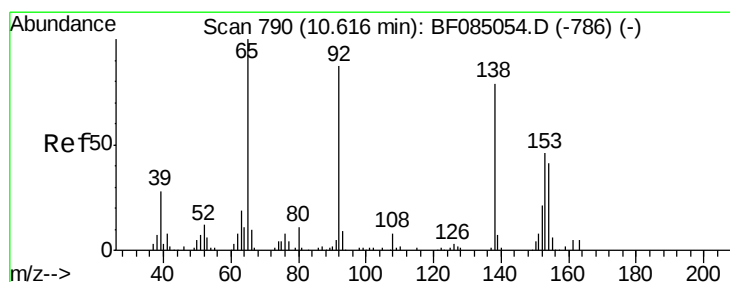
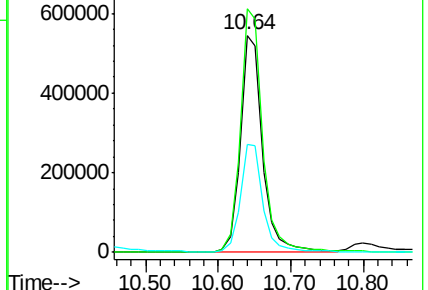
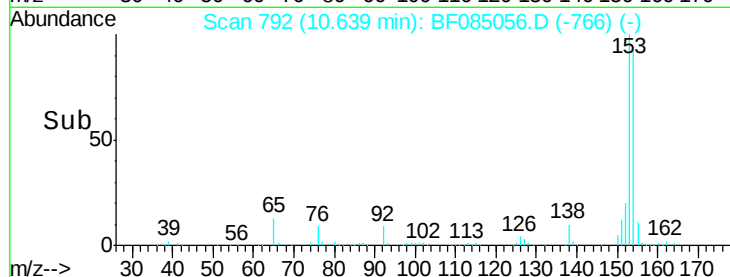
2/15/2016 4:43:04 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 55.73 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

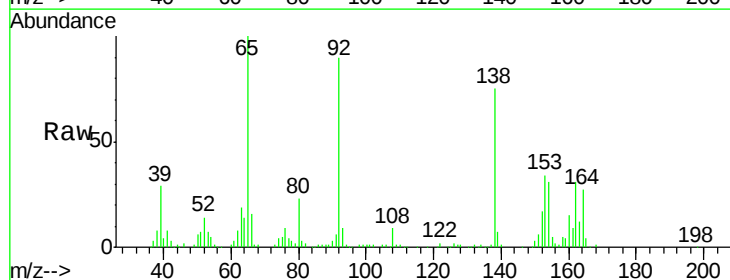
Tgt Ion:138 Resp: 332116

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

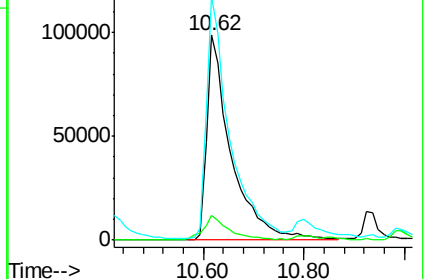
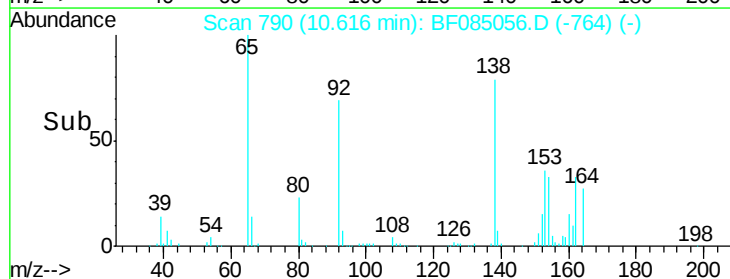
92 118.9 88.9 133.3

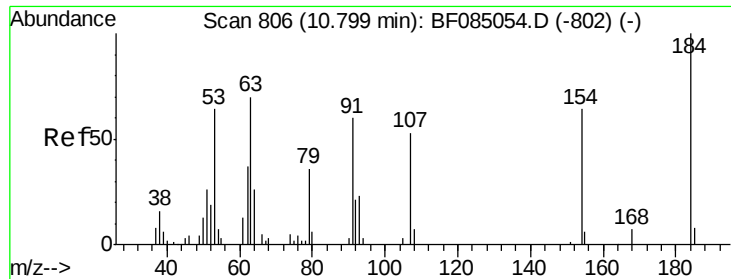


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





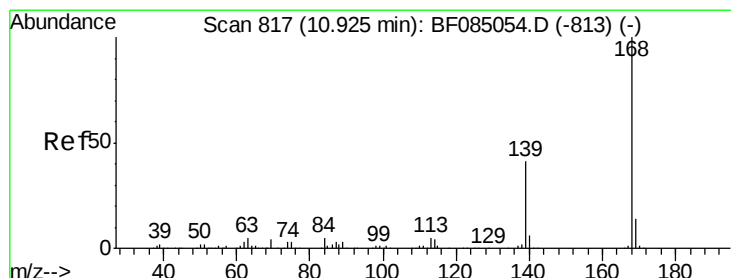
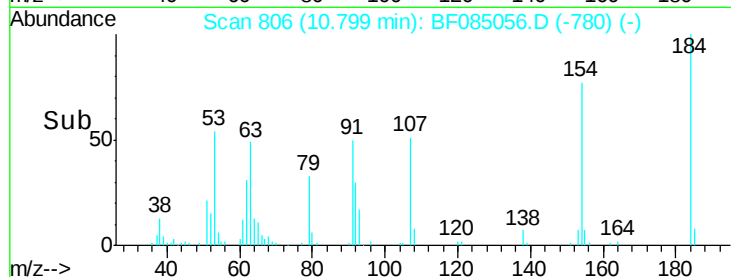
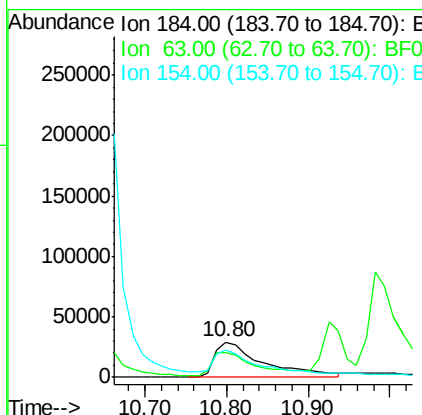
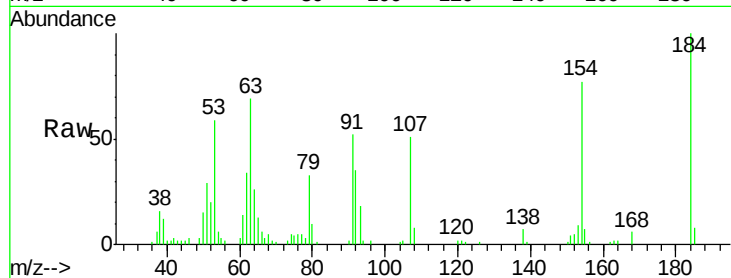
#53
2,4-Dinitrophenol
Concen: 58.92 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.5	60.6	90.8
154	77.3	70.2	105.2

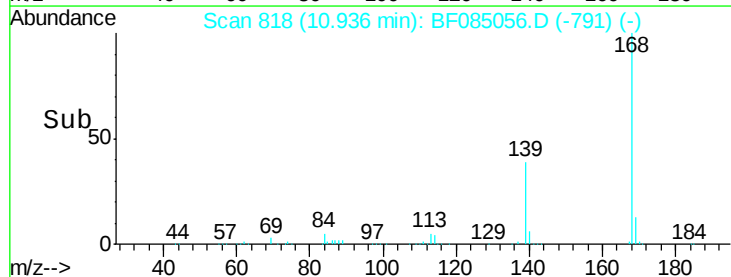
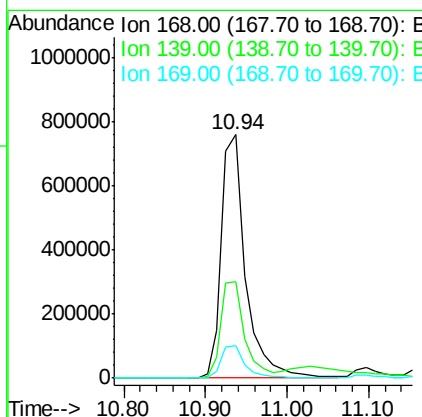
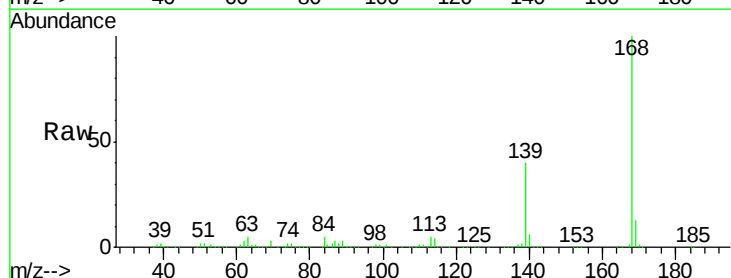
Manual Integrations
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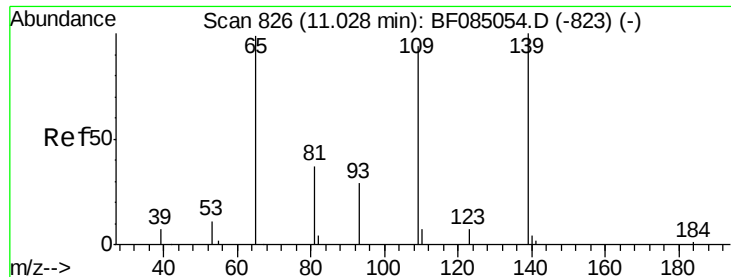
Sohil
2/15/2016 4:43:04 PM



#54
Dibenzofuran
Concen: 61.16 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	33.0	49.4
169	13.4	10.9	16.3





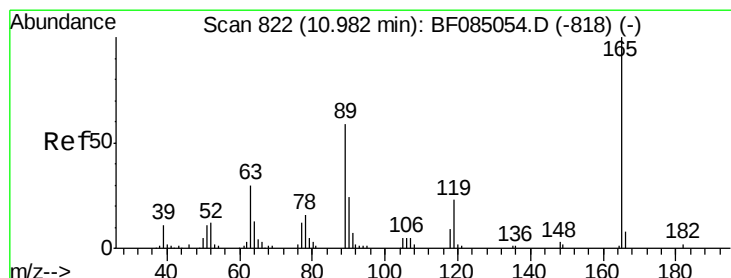
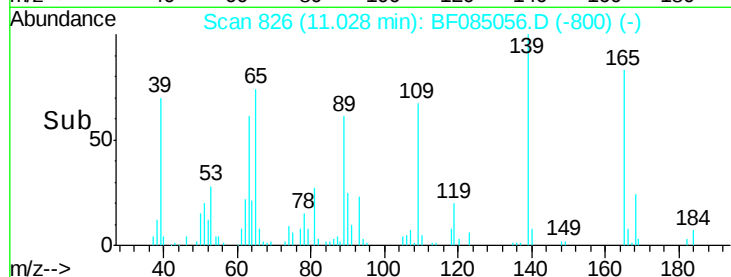
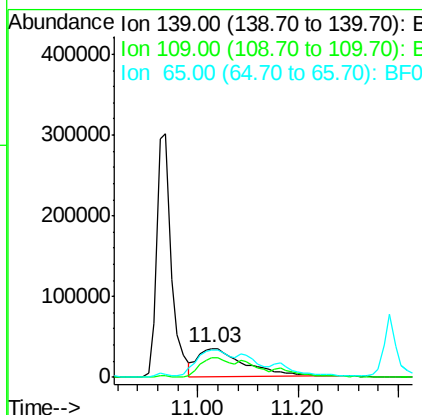
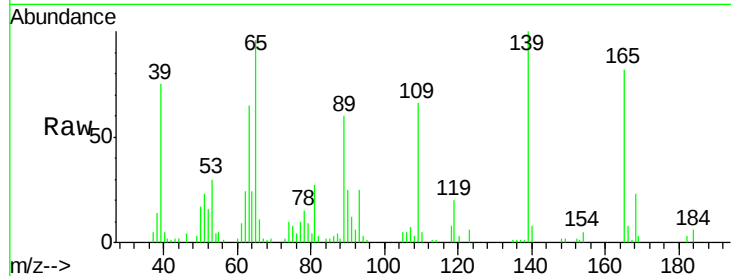
#55
4-Nitrophenol
Concen: 54.05 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100	226355		
109	65.6	48.7	88.7	
65	96.2	78.8	118.8	

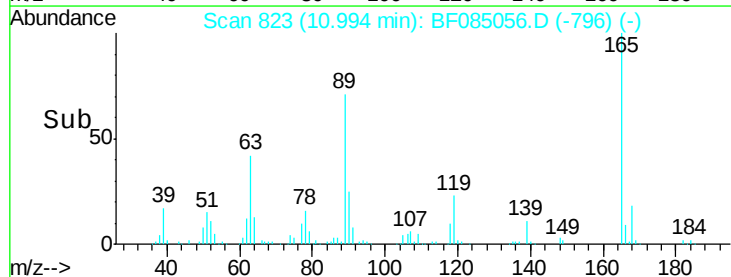
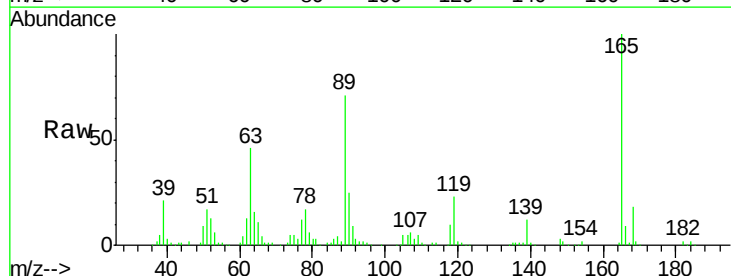
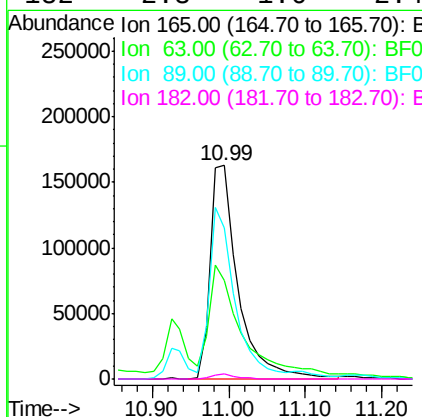
Manual Integrations
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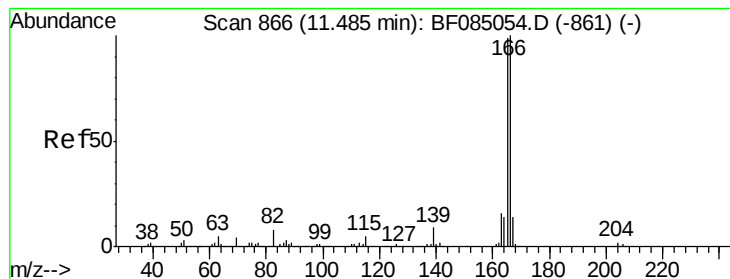
Sohil
2/15/2016 4:43:04 PM



#56
2,4-Dinitrotoluene
Concen: 60.56 ng
RT: 10.99 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	412277		
63	46.2	36.6	55.0	
89	70.8	54.4	81.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 62.58 ng

RT: 11.49 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1337721

Ion Ratio Lower Upper

166 100

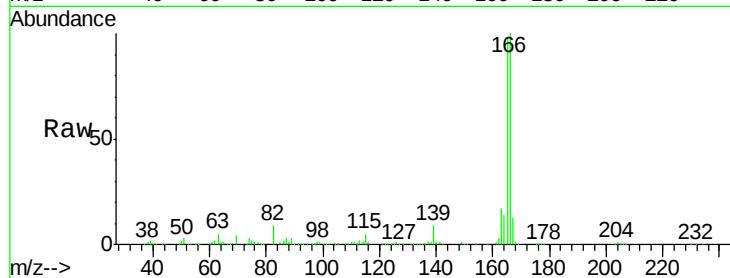
165 98.4 78.9 118.3

167 13.2 10.9 16.3

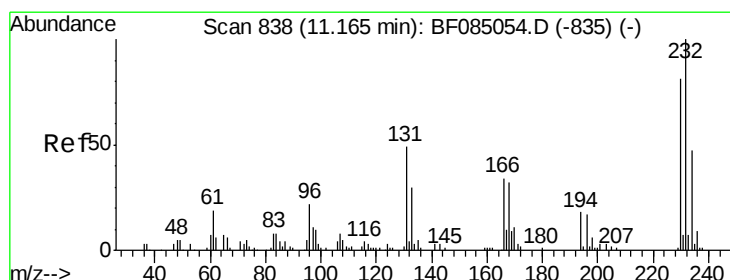
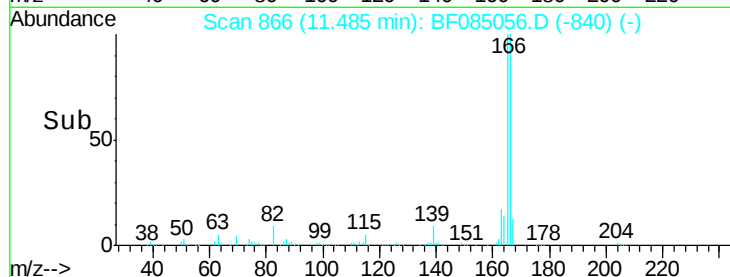
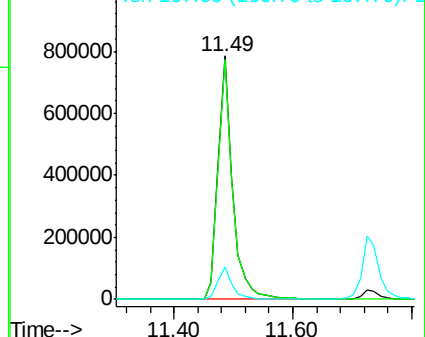
Manual Integrations
APPROVED

Sohil

2/15/2016 4:43:04 PM



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.38 ng

RT: 11.17 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:232 Resp: 317982

Ion Ratio Lower Upper

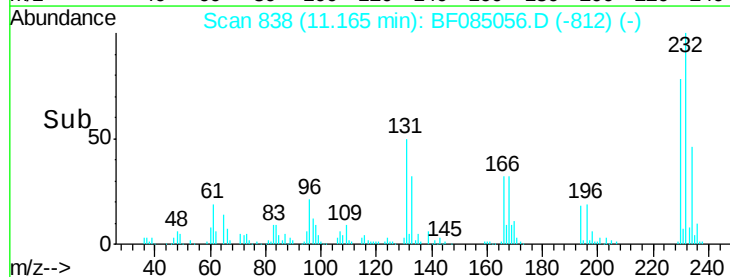
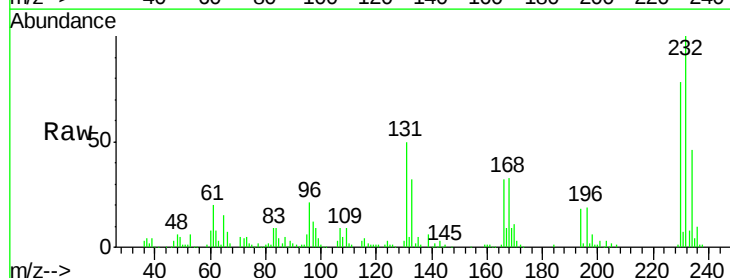
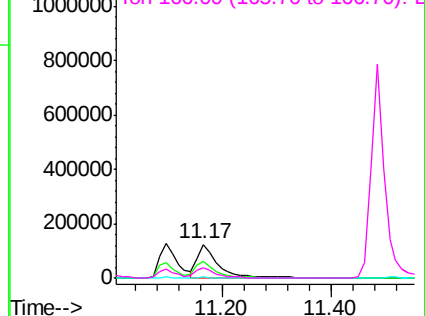
232 100

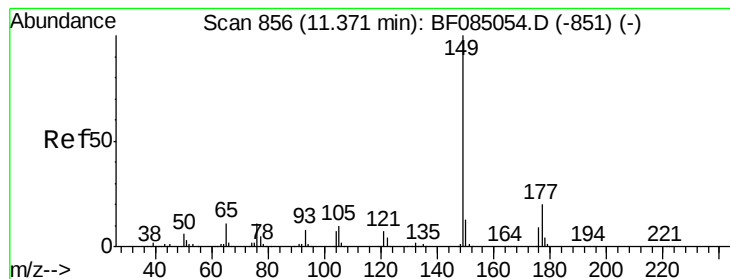
131 51.2 39.7 59.5

130 2.5 1.8 2.8

166 32.1 24.2 36.2

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: 59.39 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1420783

Ion Ratio Lower Upper

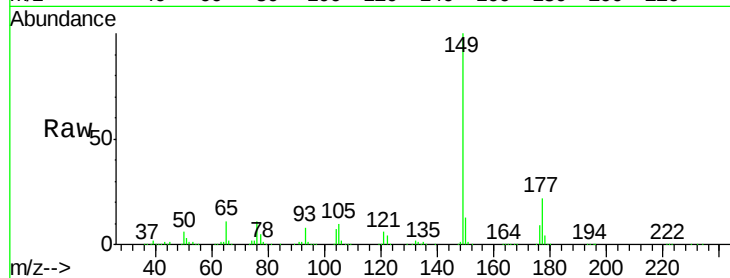
149 100

177 22.1 16.4 24.6

150 12.8 10.2 15.4

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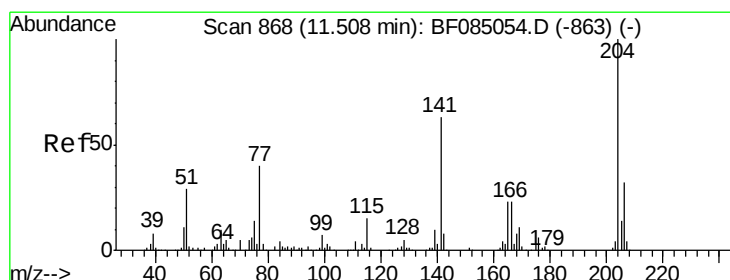
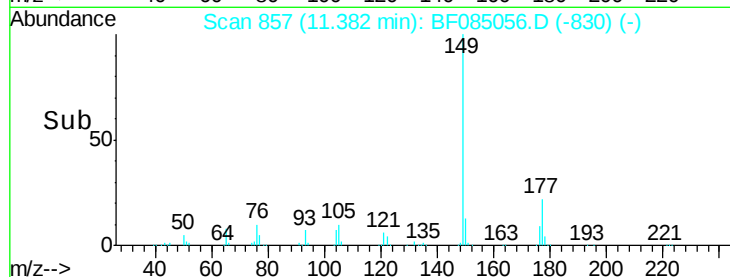
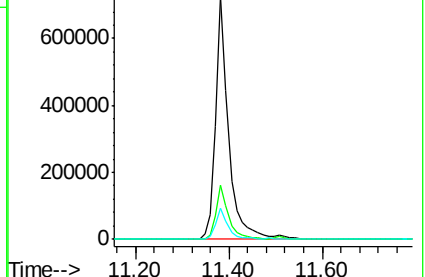
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 62.27 ng

RT: 11.51 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

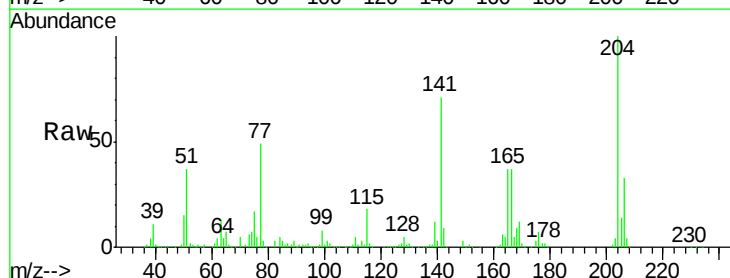
Tgt Ion:204 Resp: 639608

Ion Ratio Lower Upper

204 100

206 33.4 25.8 38.6

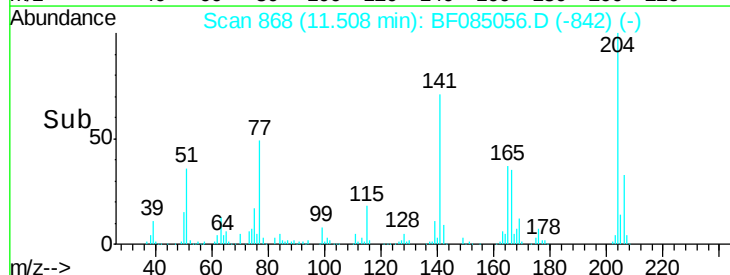
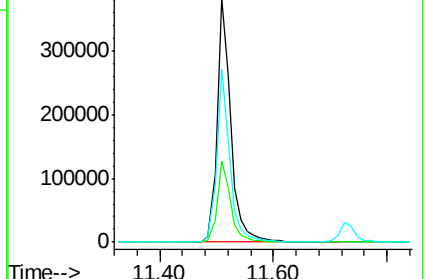
141 71.0 50.5 75.7

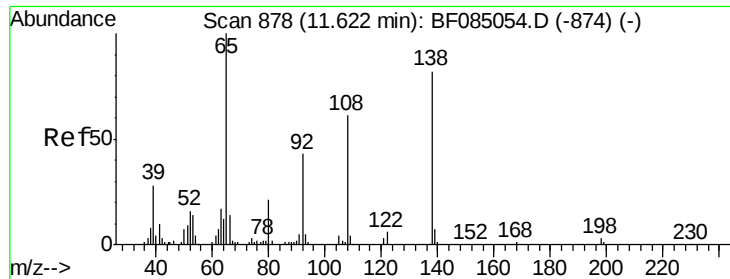


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





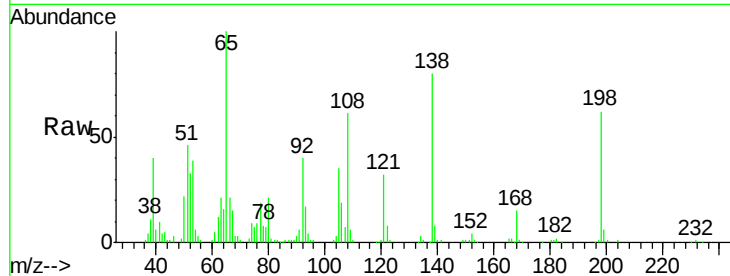
#61
4-Nitroaniline
Concen: 53.96 ng
RT: 11.65 min Scan# 880
Delta R.T. 0.02 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.2	32.6	72.6
108	75.4	54.6	94.6

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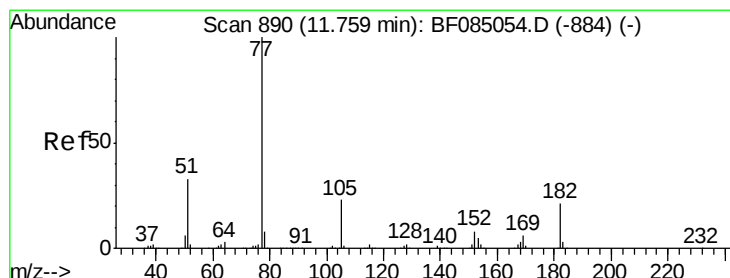
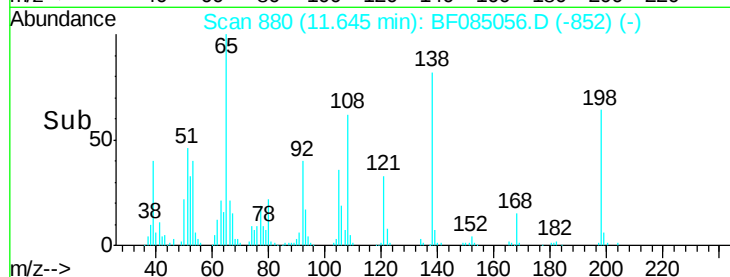
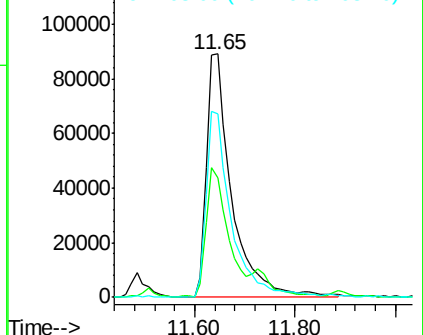


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 59.74 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	1.3	41.3
105	23.8	4.2	44.2
51	32.1	13.5	53.5

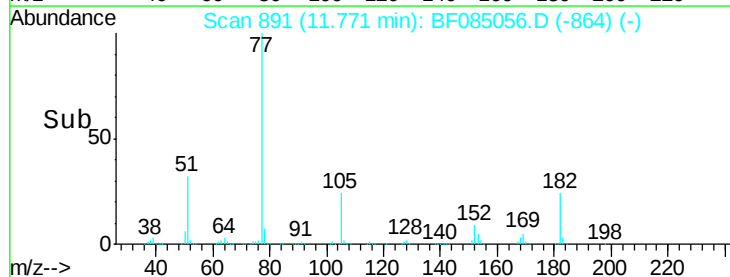
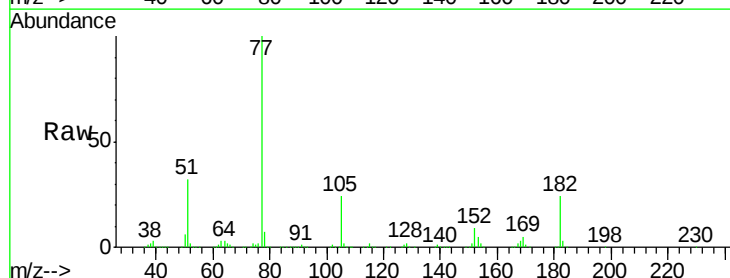
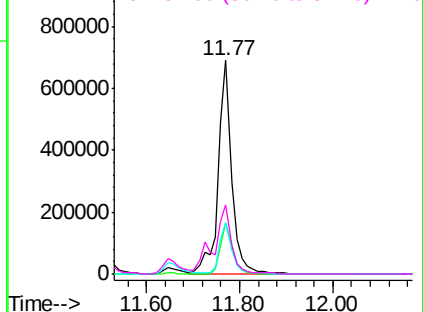
Abundance

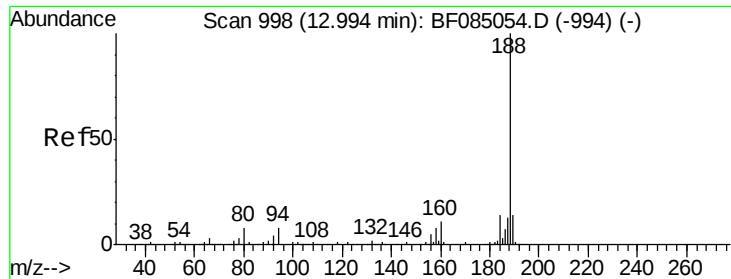
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





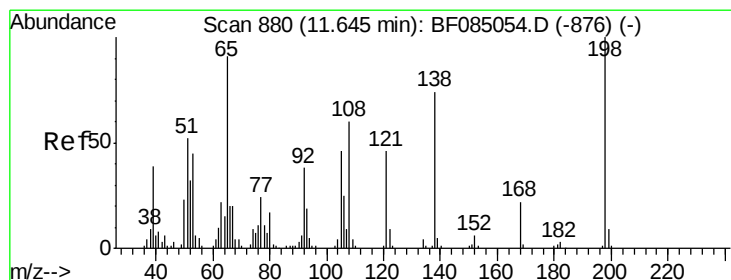
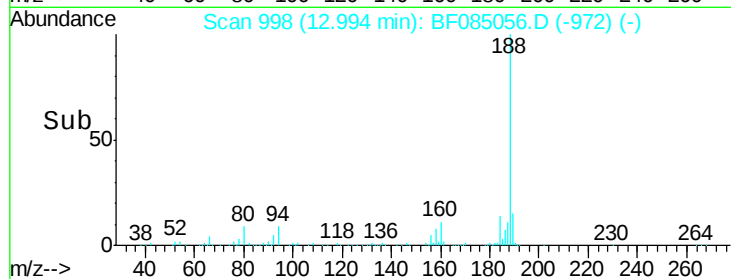
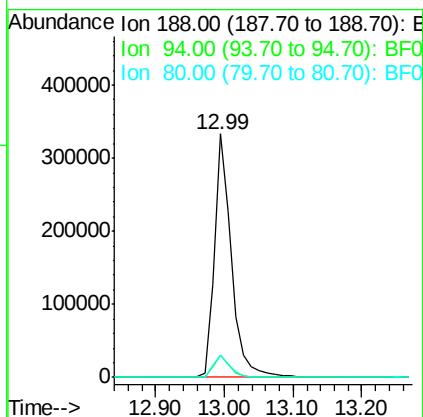
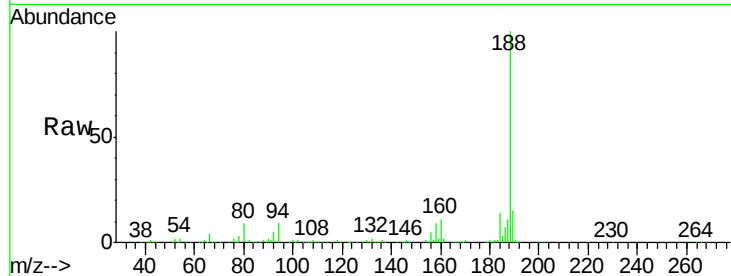
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	6.2	9.2
80	9.2	6.6	9.8

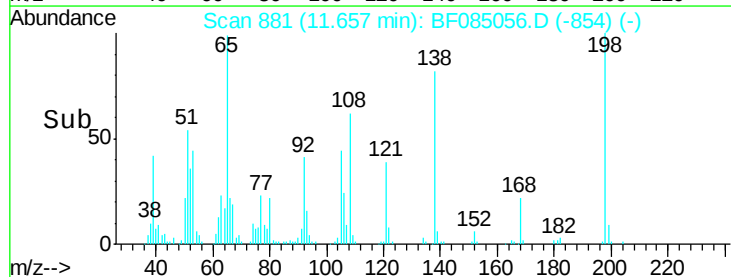
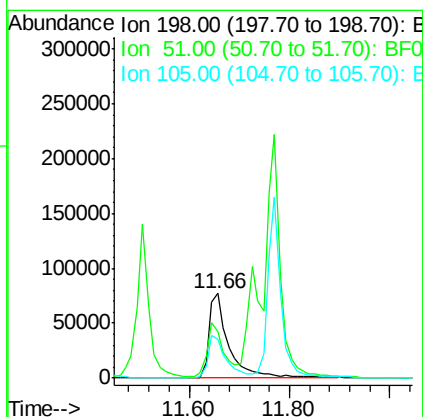
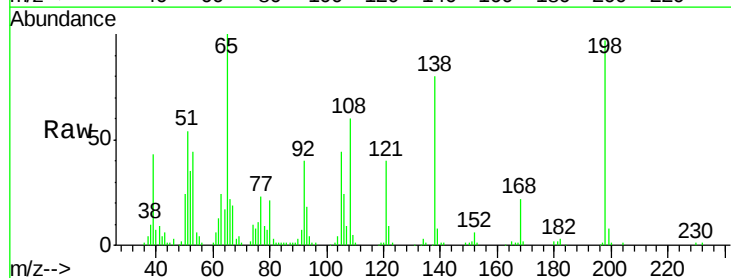
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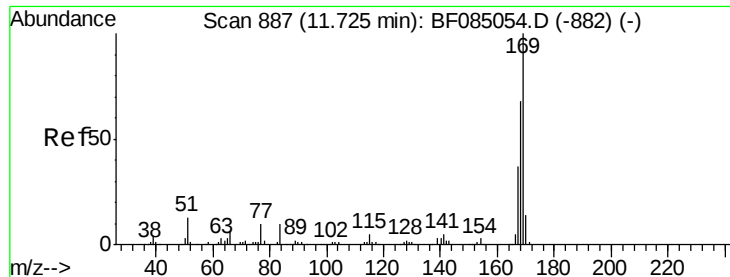
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#64
4,6-Dinitro-2-methylphenol
Concen: 60.75 ng
RT: 11.66 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	55.7	34.5	74.5
105	45.8	26.2	66.2





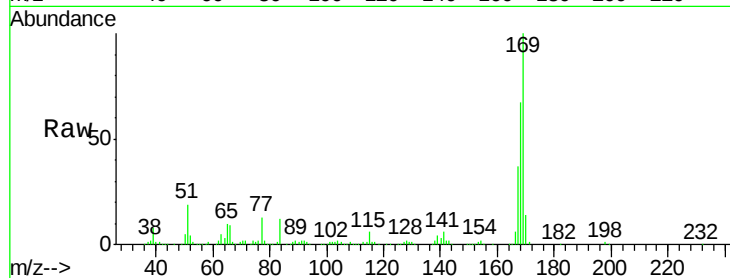
#65
n-Nitrosodiphenylamine
Concen: 60.10 ng
RT: 11.73 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

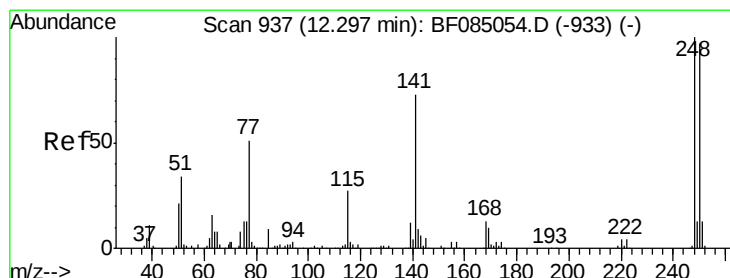
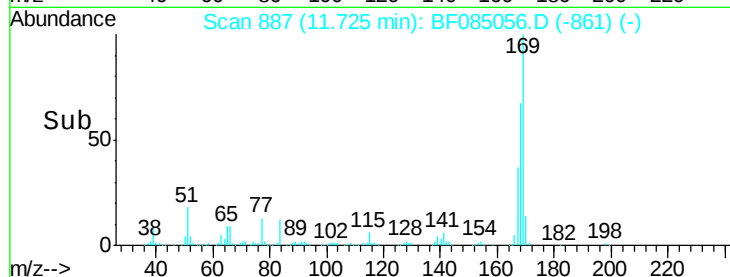
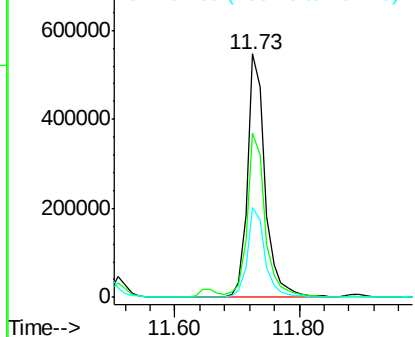
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.8	82.2
167	37.0	29.8	44.8

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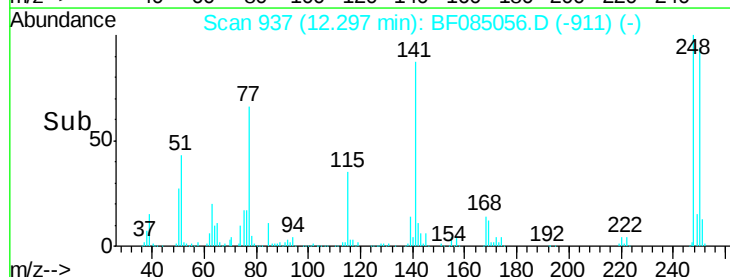
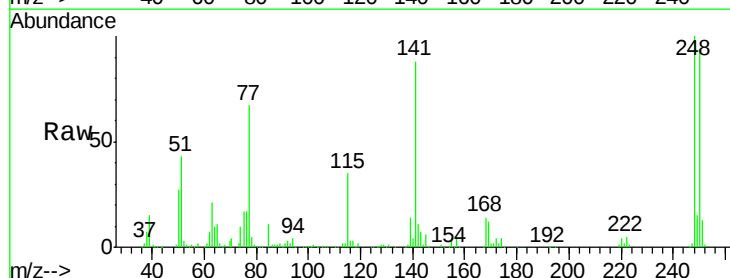
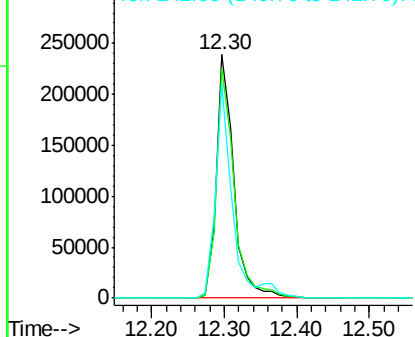
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

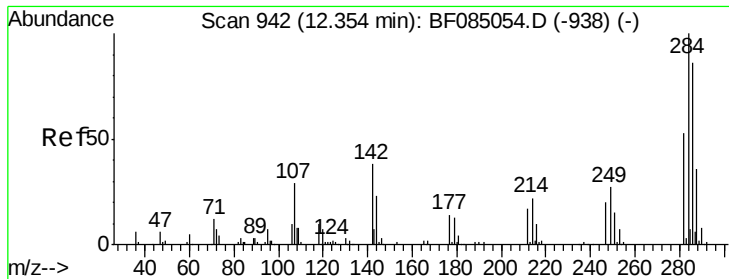


#66
4-Bromophenyl-phenylether
Concen: 62.42 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.2	77.5	116.3
141	87.8	58.2	87.4#

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





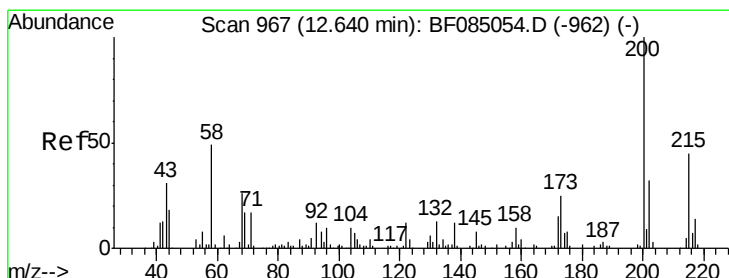
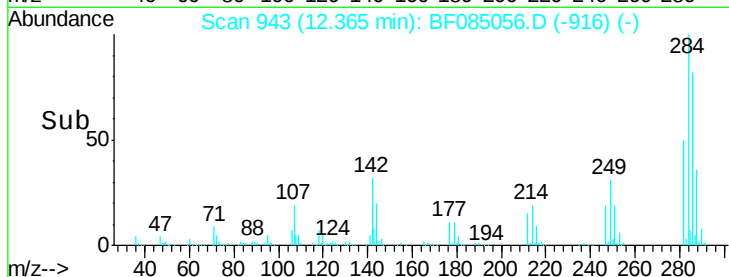
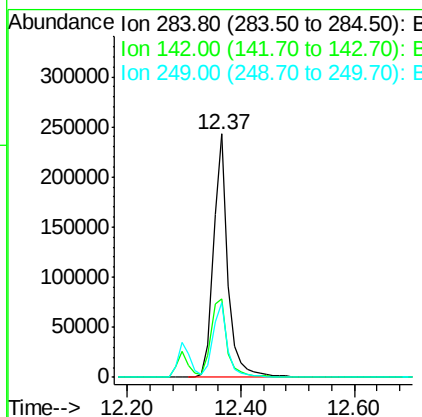
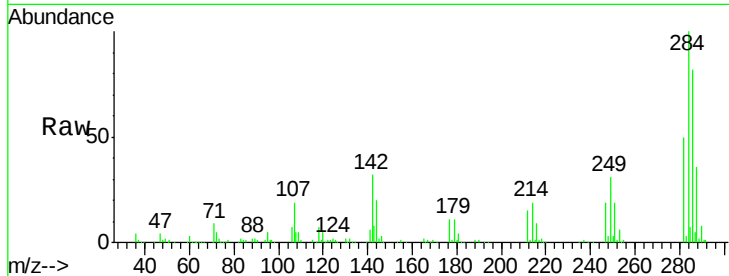
#67
Hexachlorobenzene
Concen: 59.26 ng
RT: 12.37 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
284	100	416042		
142	32.3		33.5	50.3#
249	30.8		27.4	41.2

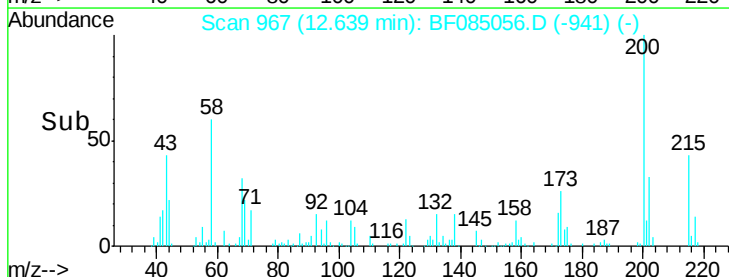
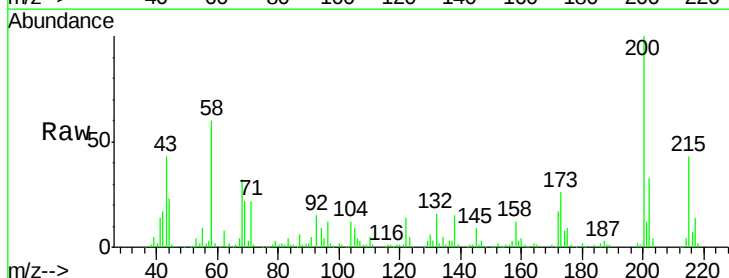
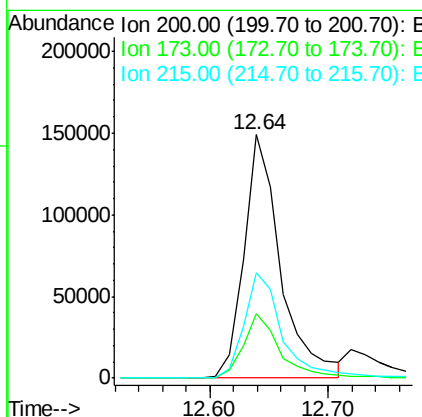
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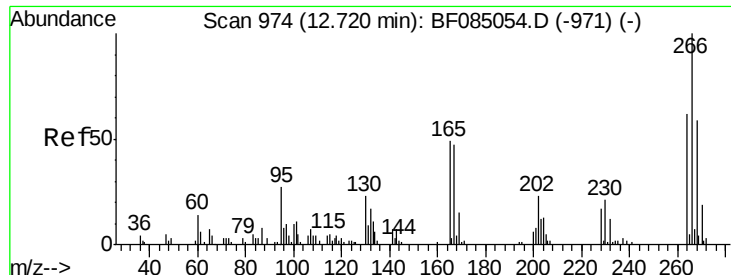
Sohil
2/15/2016 4:43:04 PM



#68
Atrazine
Concen: 55.18 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	321051		
173	26.3		4.7	44.7
215	43.2		24.8	64.8





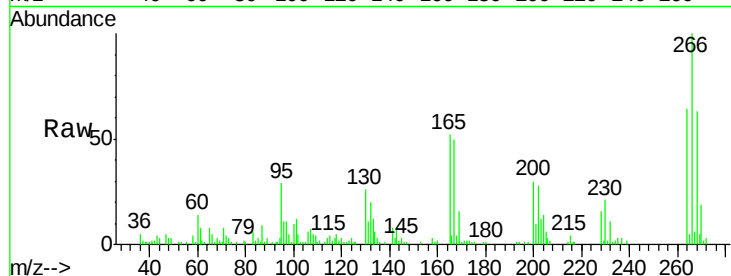
#69
 Pentachlorophenol
 Concen: 56.02 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
266	100	177551		
268	63.5	47.3	70.9	
264	63.6	49.8	74.6	

Manual Integrations
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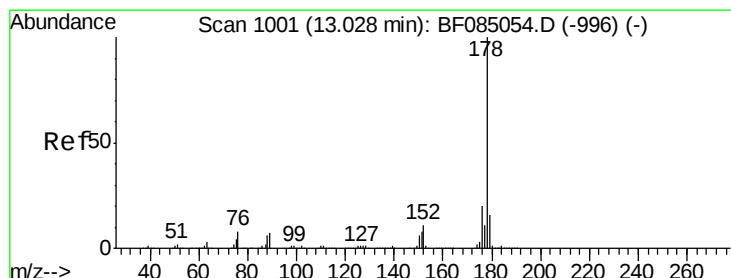
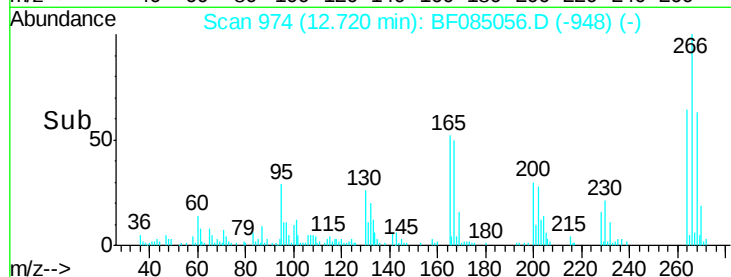
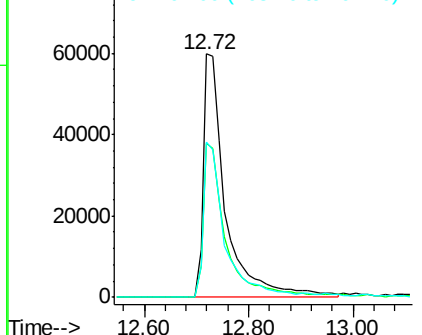


Abundance

Ion 265.70 (265.40 to 266.40): E

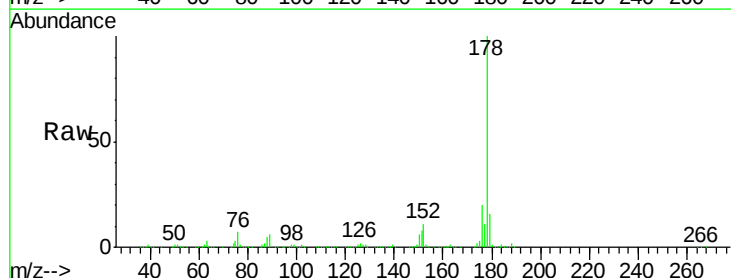
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 57.30 ng
 RT: 13.04 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1857504		
176	20.0	15.9	23.9	
179	15.7	13.1	19.7	

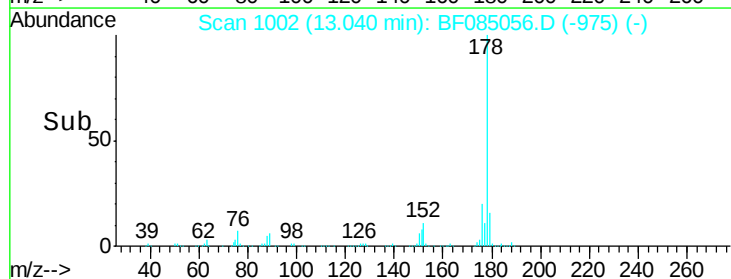
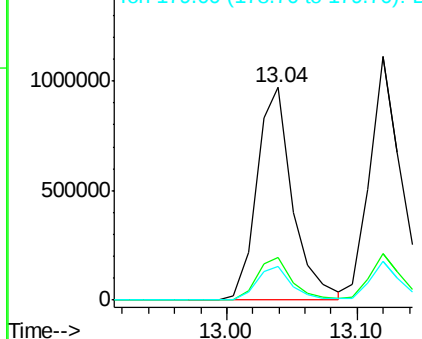


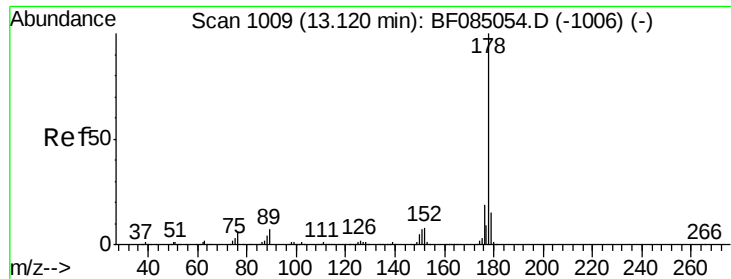
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





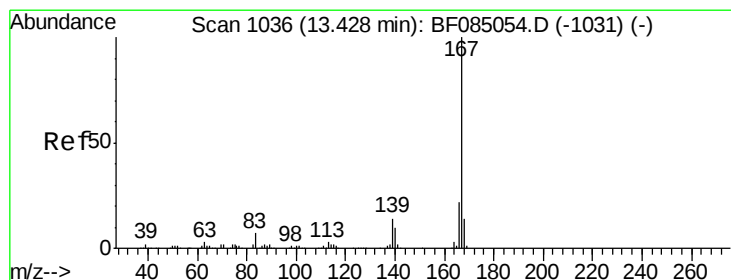
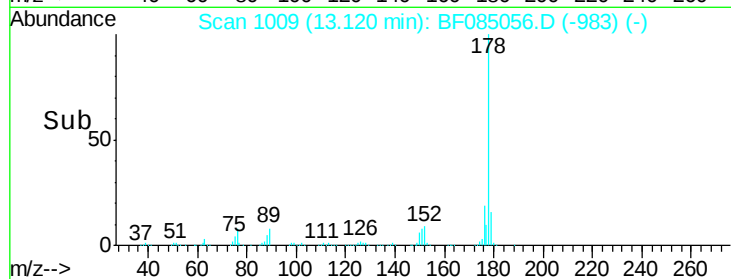
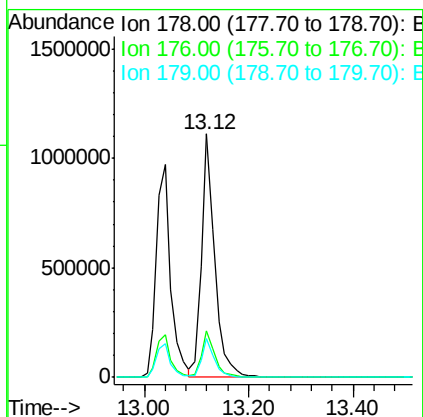
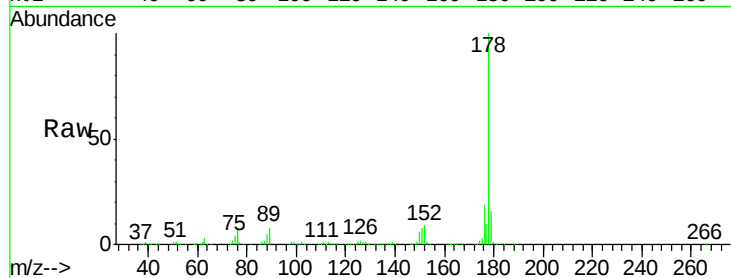
#71
 Anthracene
 Concen: 60.77 ng
 RT: 13.12 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	15.8	12.2	18.2

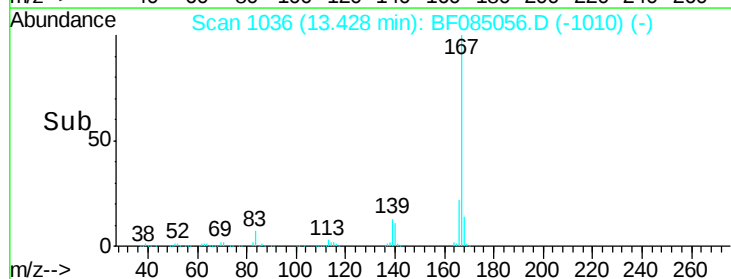
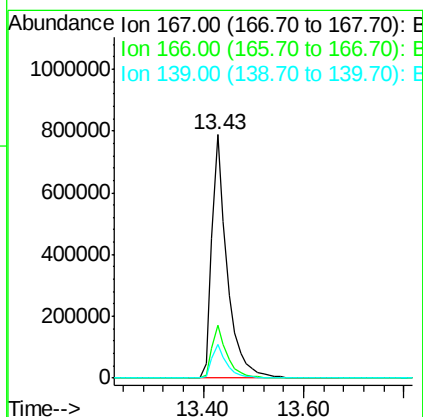
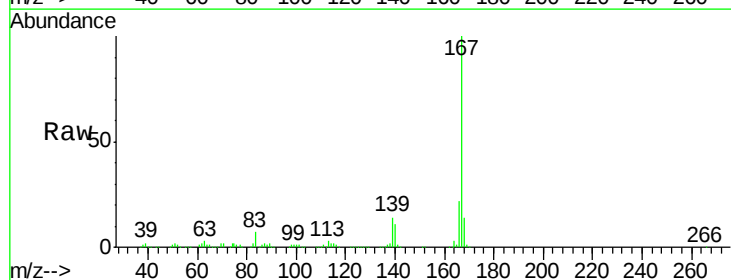
Manual Integrations
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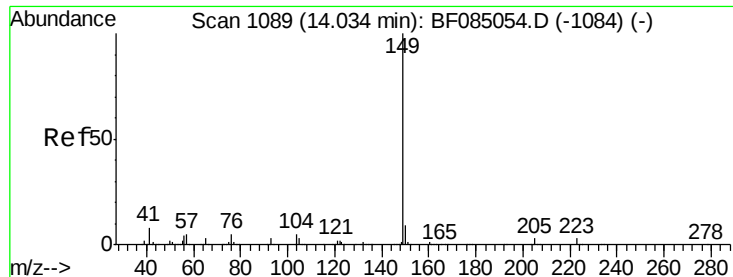
Sohil
 2/15/2016 4:43:04 PM



#72
 Carbazole
 Concen: 59.57 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.8	11.0	16.6





#73

Di-n-butylphthalate

Concen: 57.66 ng

RT: 14.03 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 2086943

Ion Ratio Lower Upper

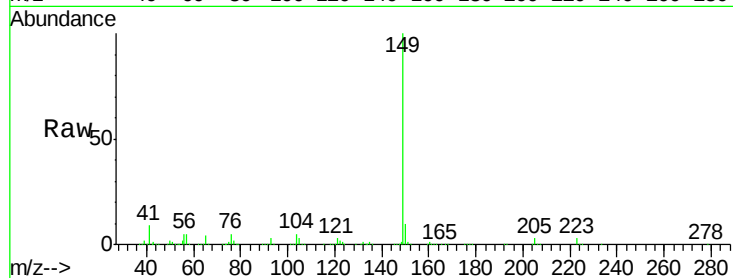
149 100

150 9.8 7.5 11.3

104 5.4 4.2 6.2

Manual Integrations
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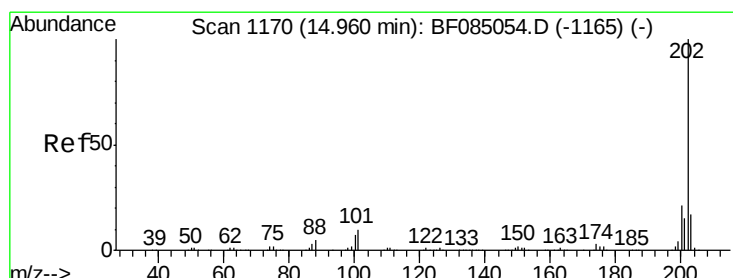
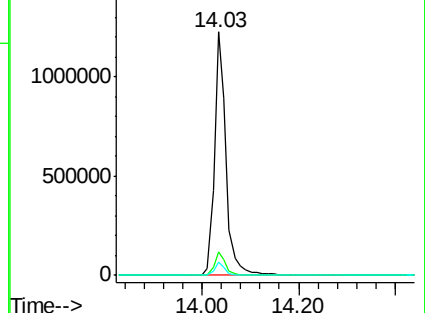
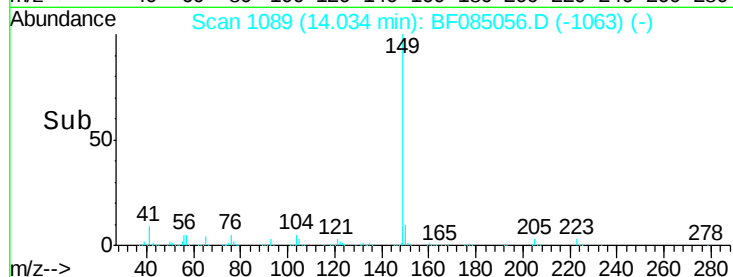
Sohil
2/15/2016 4:43:04 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 58.05 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

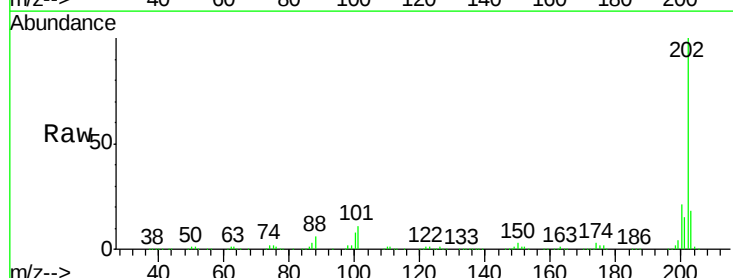
Tgt Ion:202 Resp: 1875750

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.8

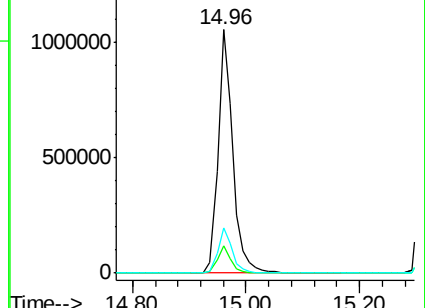
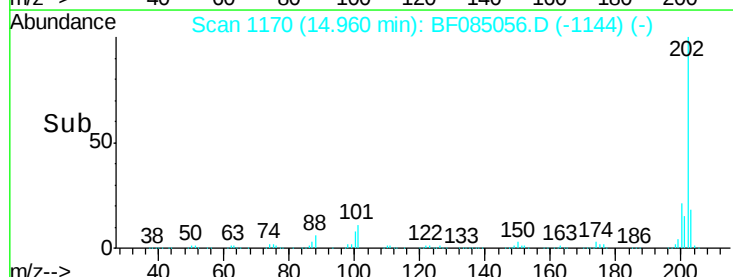
203 18.4 0.0 37.5

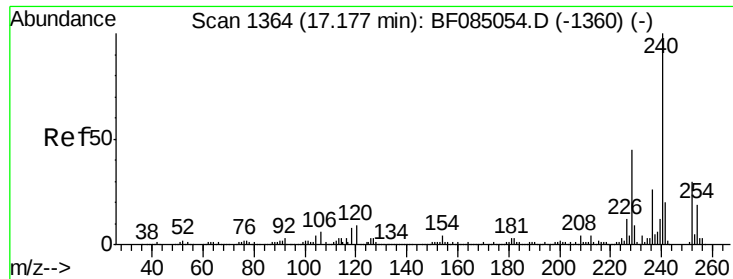


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.18 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

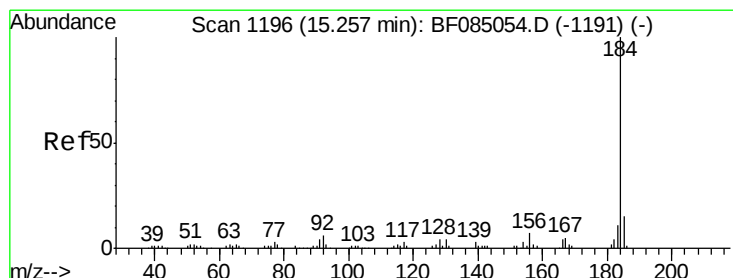
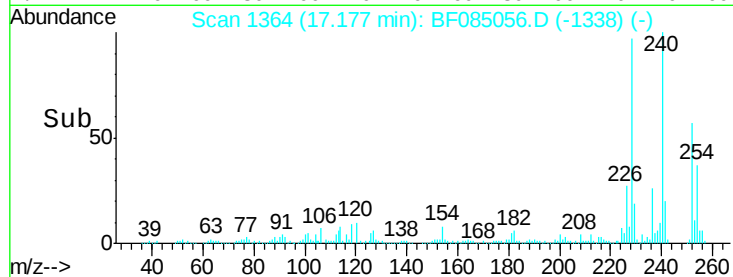
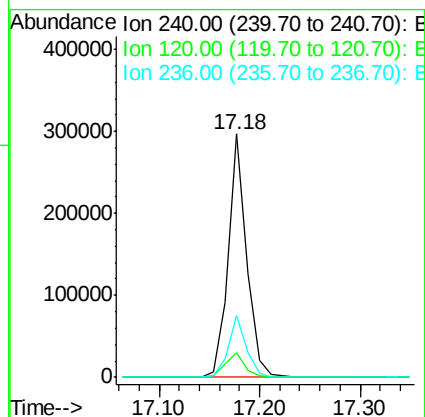
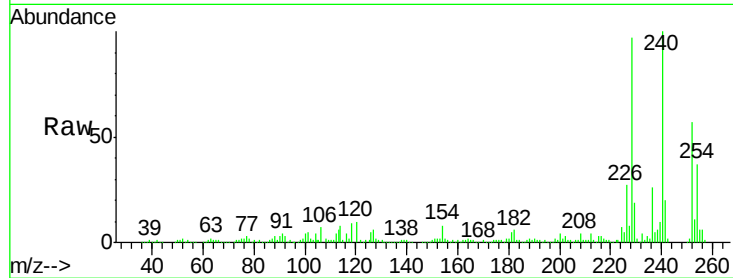
ClientSampleId :

SSTDICC060

Tot Ion:	240	Resp:	375953
Ion Ratio	Lower	Upper	
240	100		
120	10.1	7.0	10.6
236	25.6	20.5	30.7

Manual Integrations
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#76

Benzidine

Concen: 42.88 ng

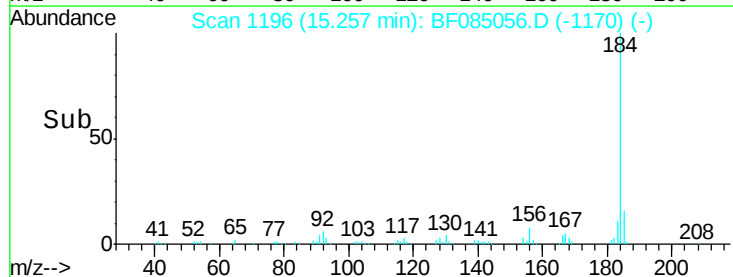
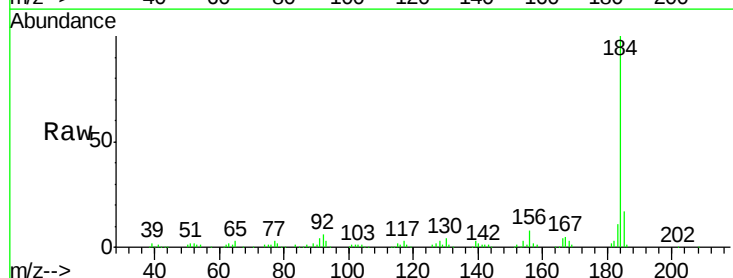
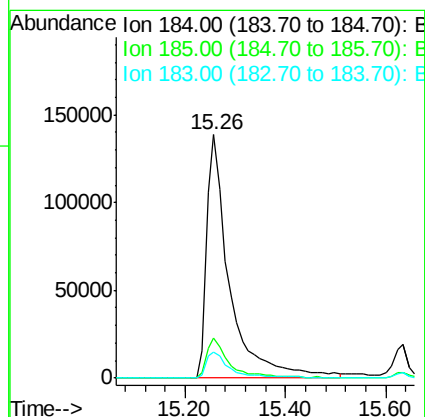
RT: 15.26 min Scan# 1196

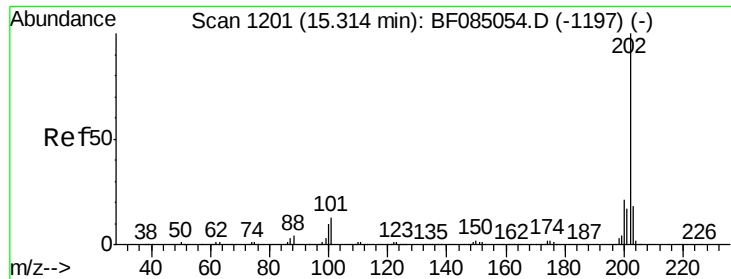
Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	184	Resp:	439195
Ion Ratio	Lower	Upper	
184	100		
185	16.6	11.8	17.8
183	10.9	8.6	12.8





#77

Pvrene

Concen: 65.26 ng

RT: 15.33 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

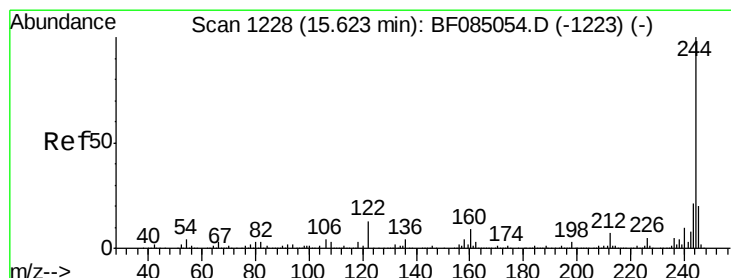
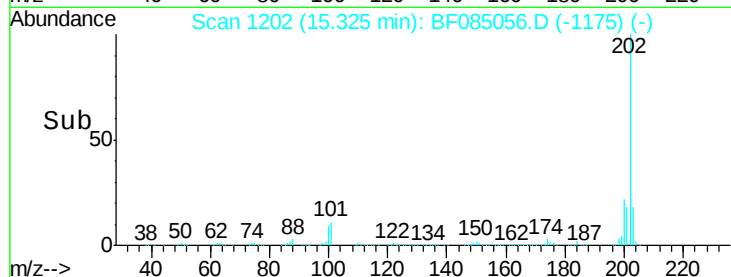
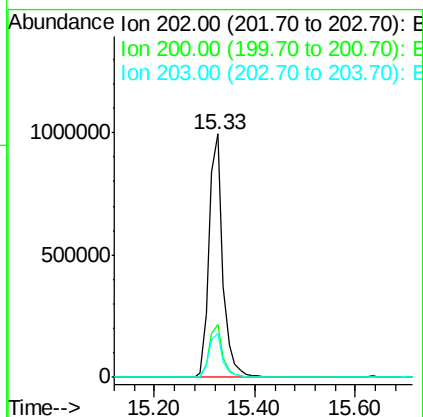
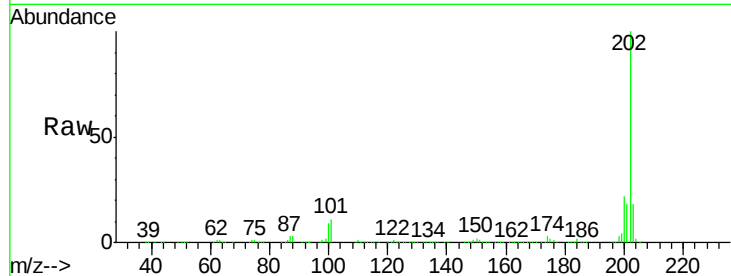
ClientSampleId :

SSTDICC060

Tot Ion:	202	Resp:	1873711
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.4
203	17.9	14.2	21.4

Manual Integrations
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#78

Terphenyl-d14

Concen: 129.01 ng

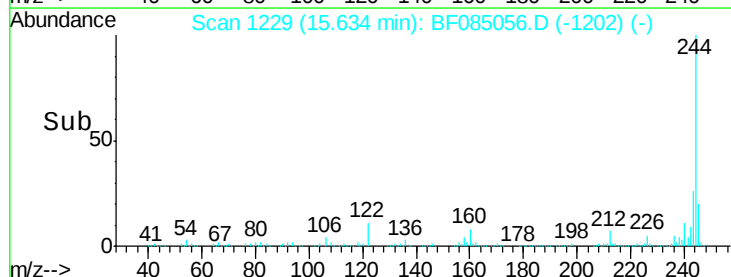
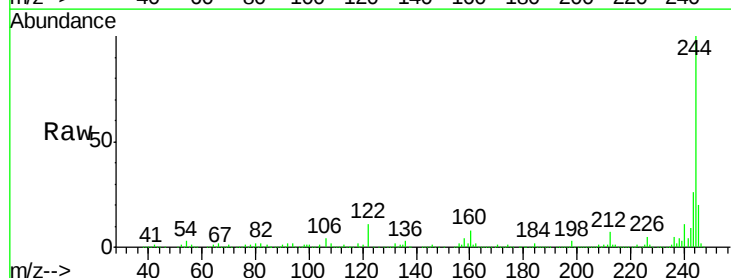
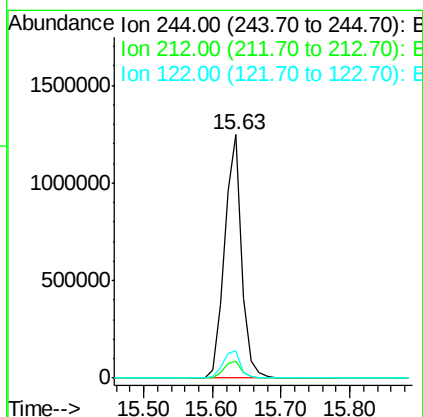
RT: 15.63 min Scan# 1229

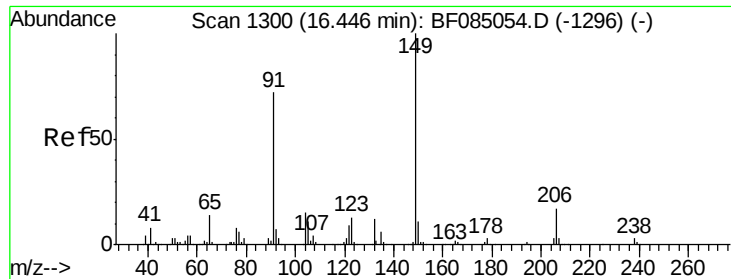
Delta R.T. 0.01 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	244	Resp:	2176551
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	11.2	10.1	15.1





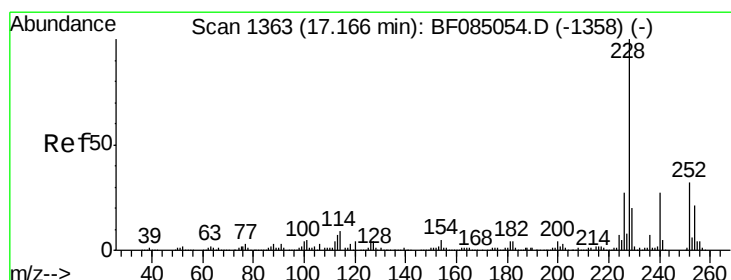
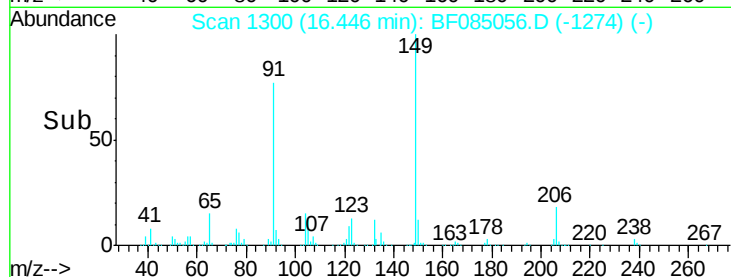
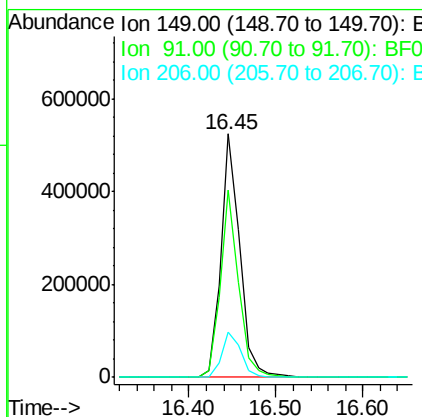
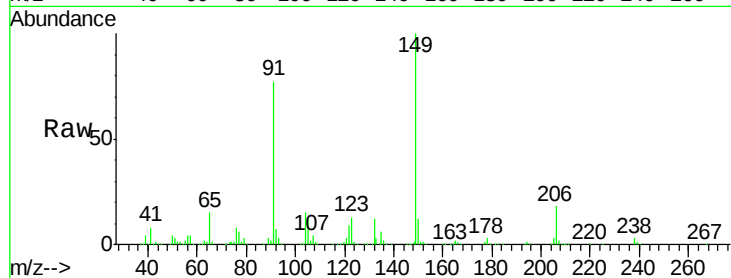
#79
Butylbenzylphthalate
Concen: 61.65 ng
RT: 16.45 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100	796685		
91	77.2		57.8	86.8
206	18.5		13.8	20.8

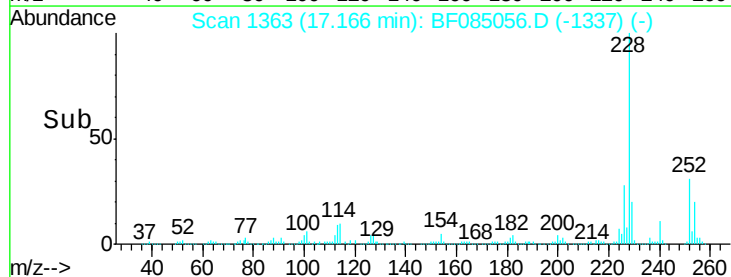
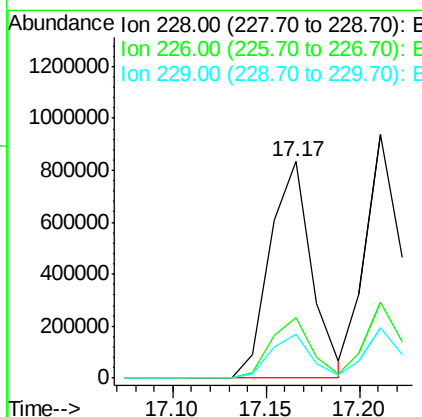
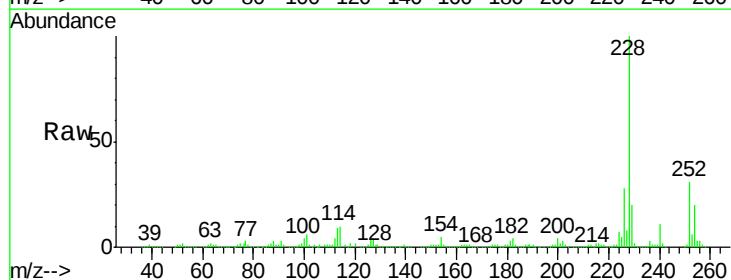
Manual Integrations
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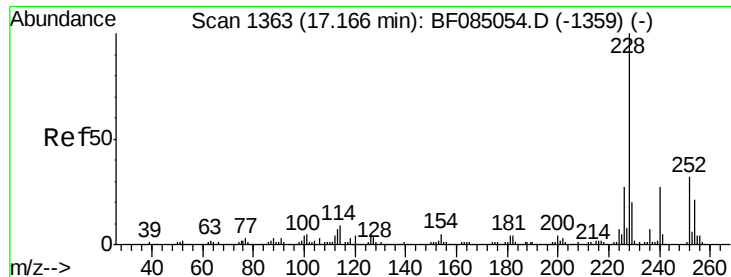
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#80
Benzo(a)anthracene
Concen: 55.93 ng
RT: 17.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1294784		
226	28.2		21.8	32.6
229	20.0		15.8	23.8





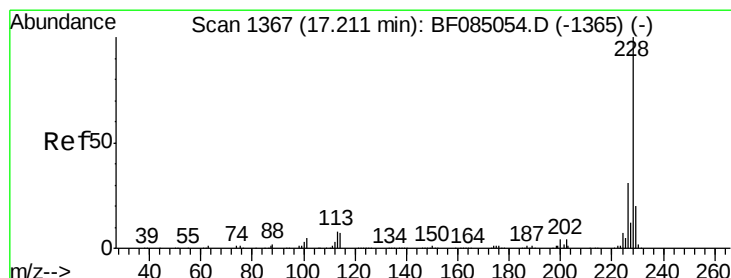
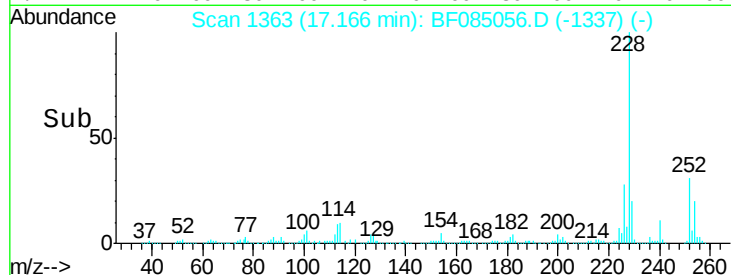
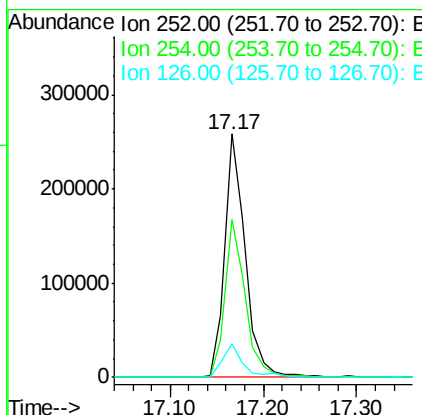
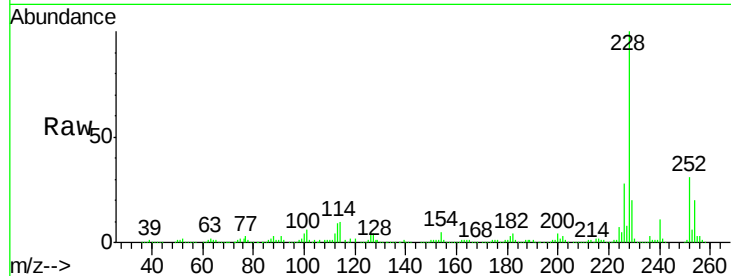
#81
 3,3'-Dichlorobenzidine
 Concen: 50.33 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	52.9	79.3
126	13.9	10.6	16.0

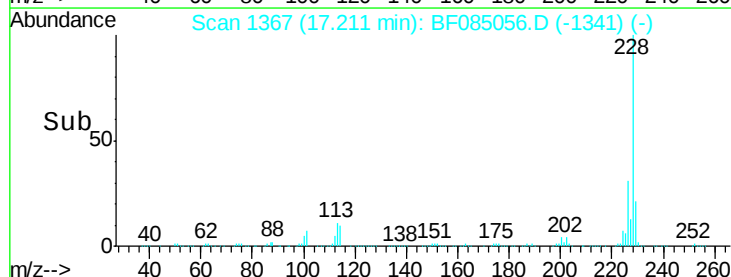
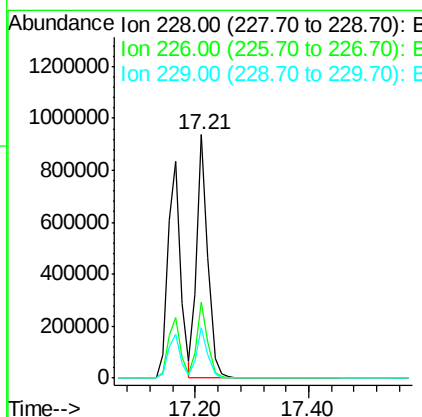
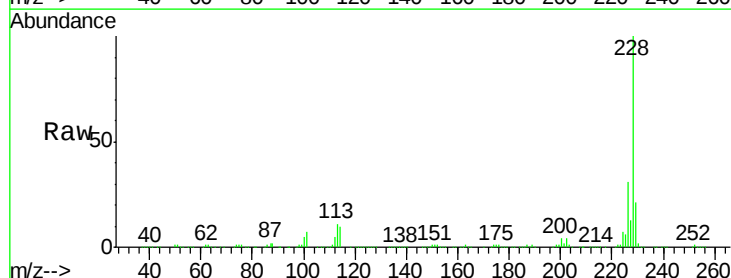
Manual Integrations
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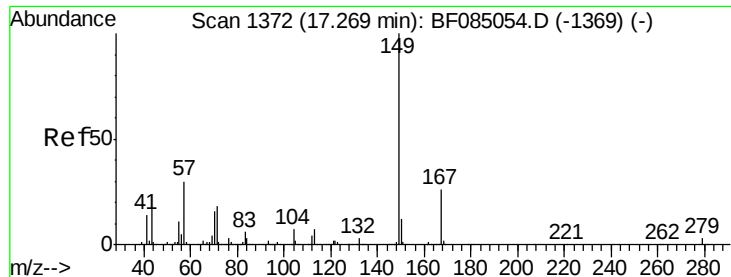
Sohil
 2/15/2016 4:43:04 PM



#82
 Chrysene
 Concen: 56.64 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	24.3	36.5
229	20.7	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 63.36 ng

RT: 17.27 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1032685

Ion Ratio Lower Upper

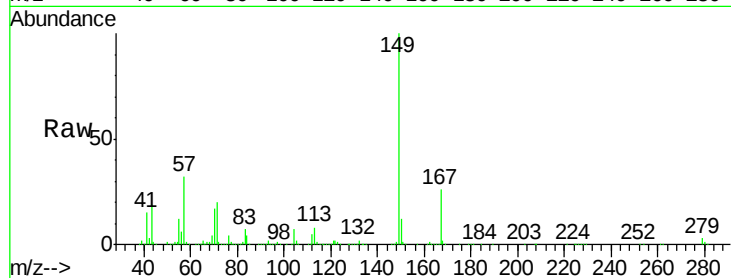
149 100

167 25.8 21.0 31.6

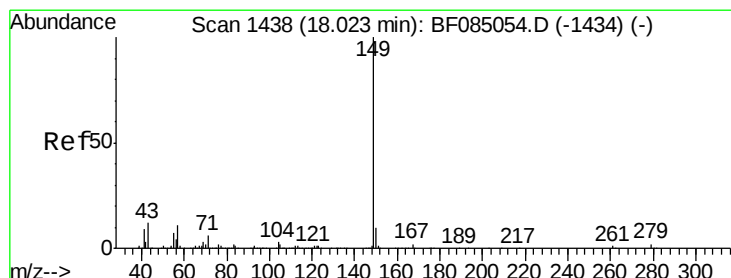
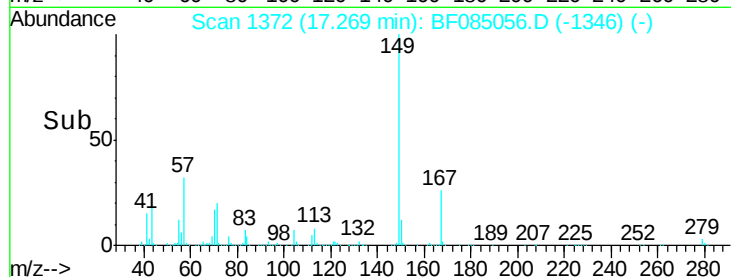
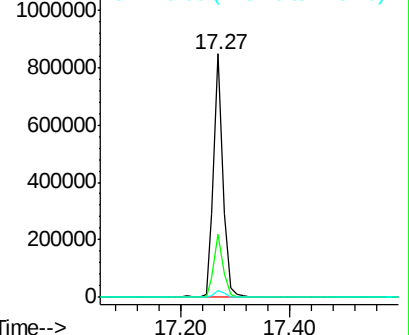
279 2.8 2.4 3.6

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.89 ng

RT: 18.02 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

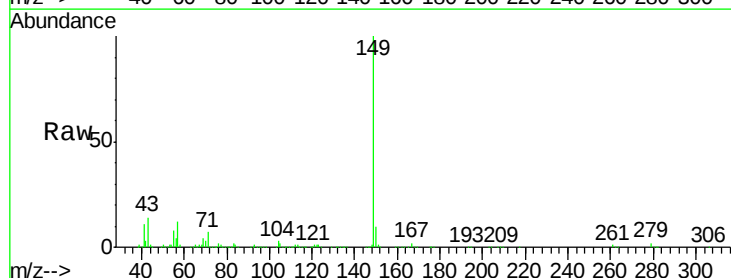
Tgt Ion:149 Resp: 1442486

Ion Ratio Lower Upper

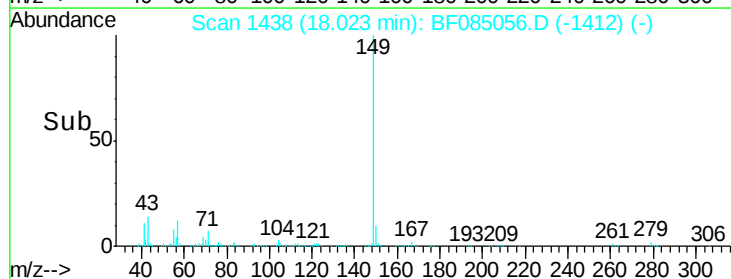
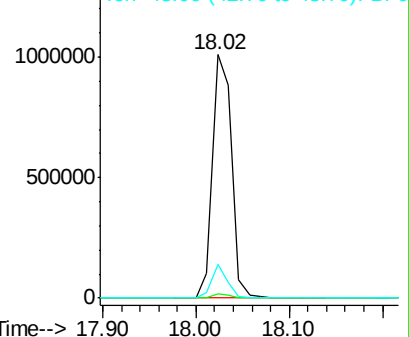
149 100

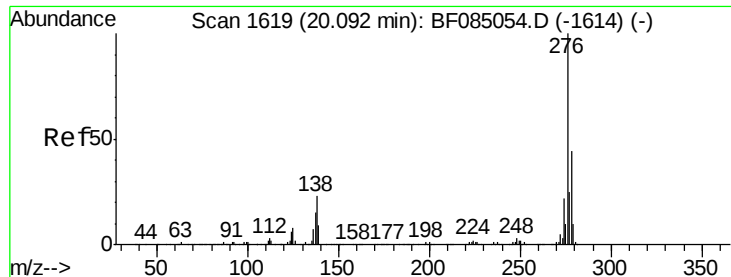
167 1.6 1.2 1.8

43 11.2 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





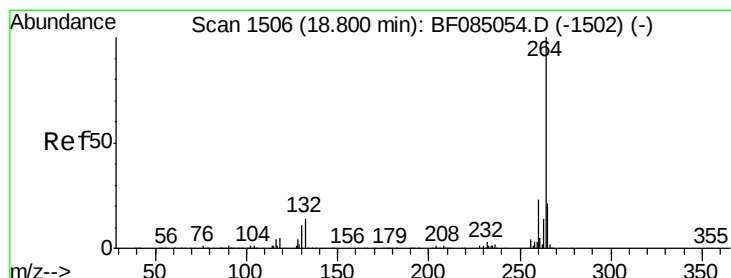
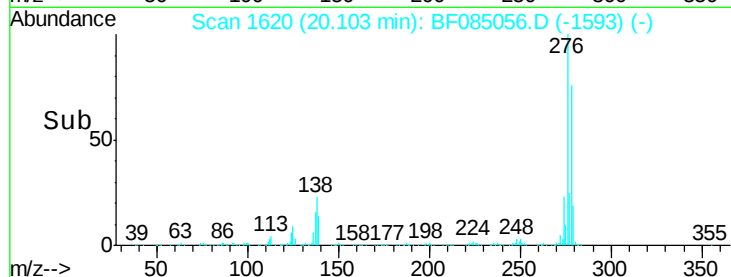
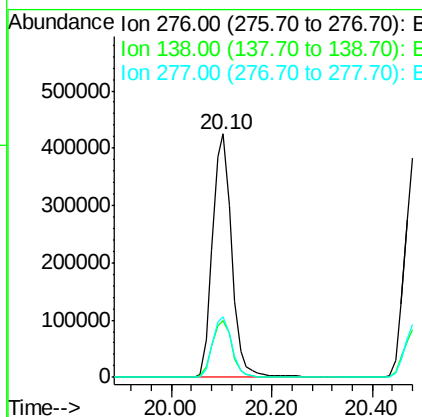
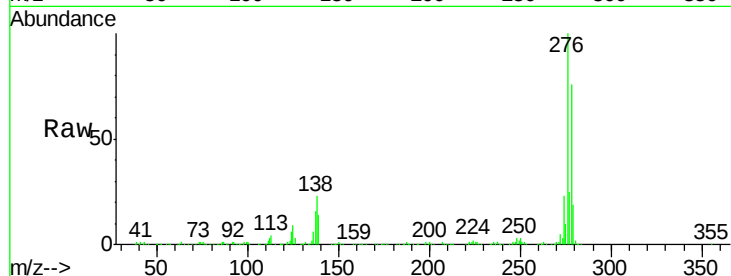
#85
Indeno(1,2,3-cd)pyrene
Concen: 63.87 ng
RT: 20.10 min Scan# 1620
Delta R.T. 0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.0	28.4
277	25.2	20.0	30.0

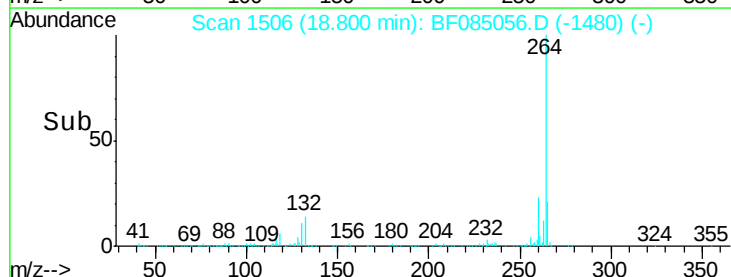
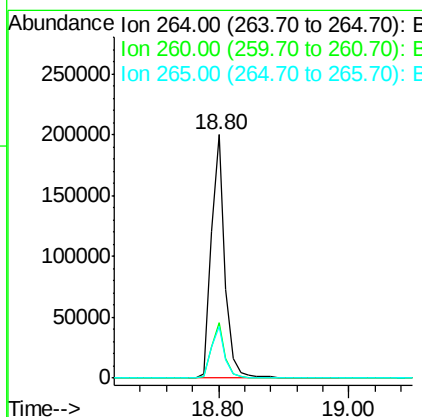
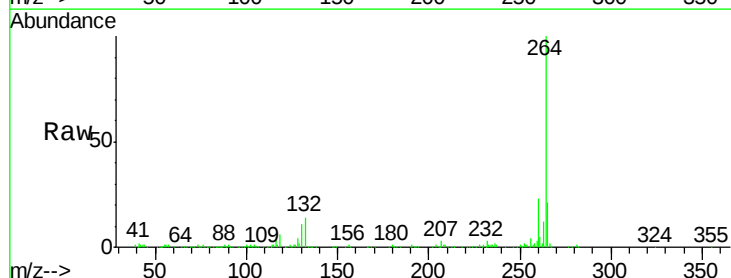
Manual Integrations
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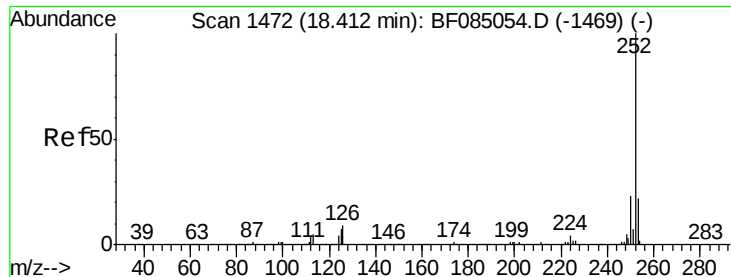
Sohil
2/15/2016 4:43:04 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.3	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 52.58 ng m

RT: 18.41 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Instrument :

BNA_F

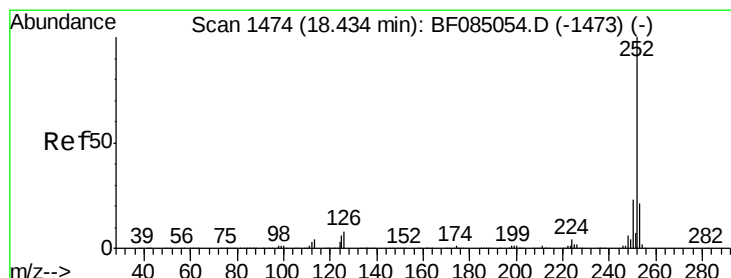
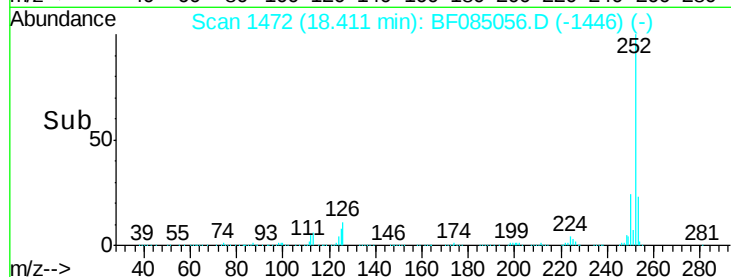
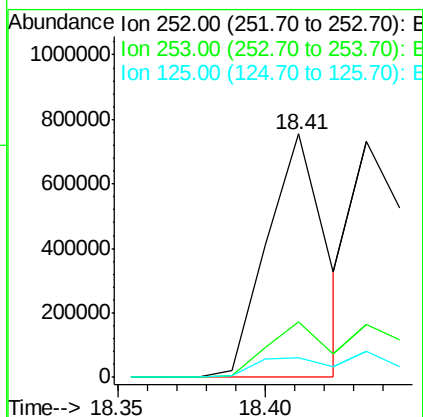
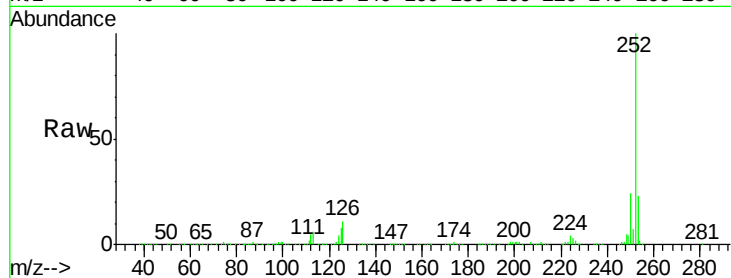
ClientSampleId :

SSTDICC060

Tot Ion:	252	Resp:	1036251
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	8.3	5.4	8.2

Manual Integrations
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2/15/2016 4:43:04 PM



#88

Benzo(k)fluoranthene

Concen: 58.32 ng m

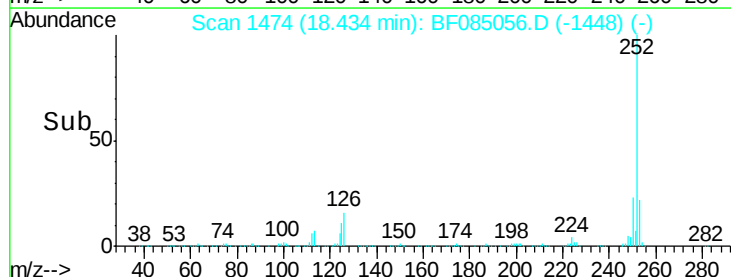
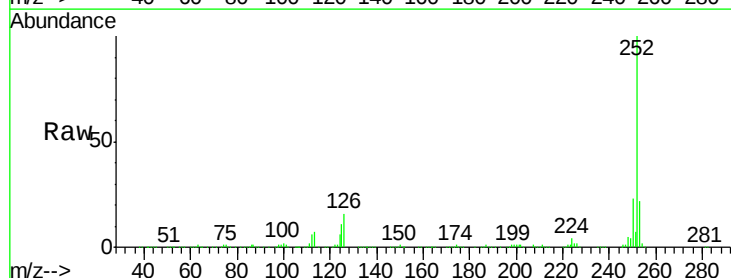
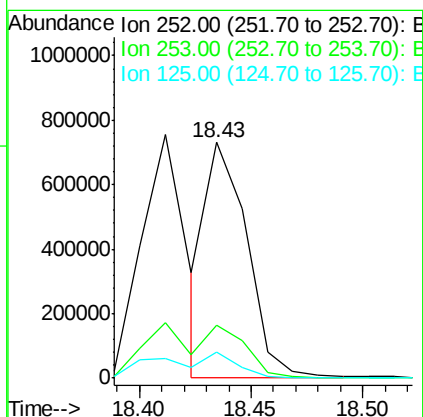
RT: 18.43 min Scan# 1474

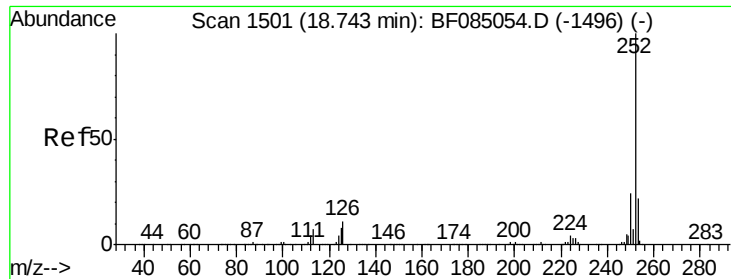
Delta R.T. 0.00 min

Lab File: BF085056.D

Acq: 12 Feb 2016 20:59

Tgt Ion:	252	Resp:	939963
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	11.0	7.2	10.8





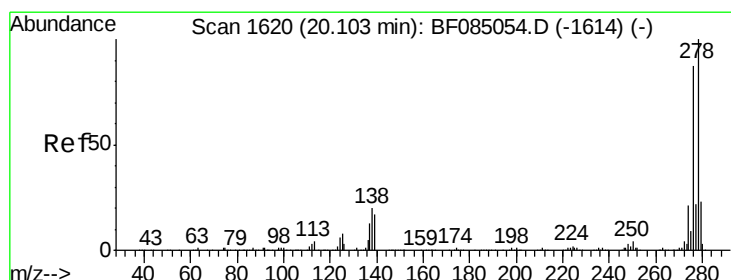
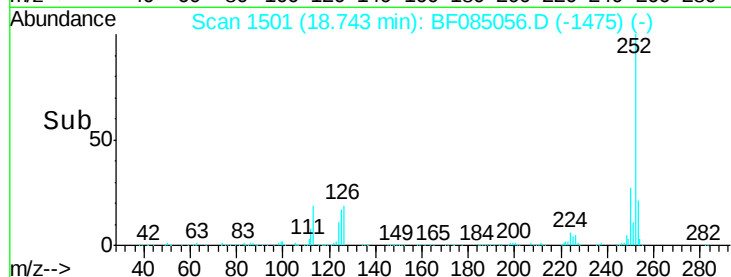
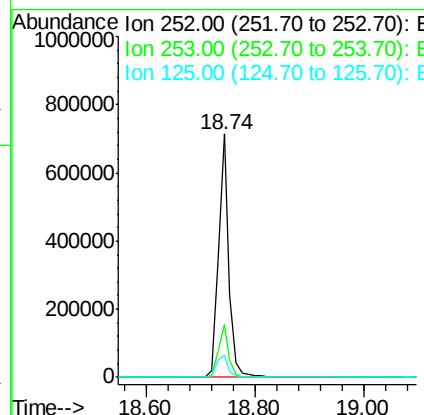
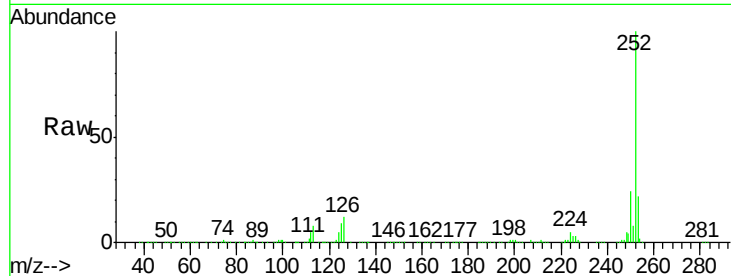
#89
Benzo(a)pyrene
Concen: 57.37 ng
RT: 18.74 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.3	6.1	9.1

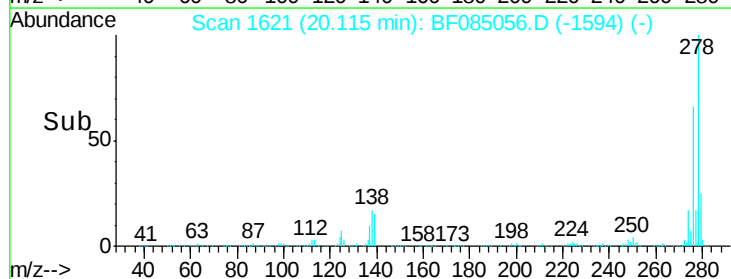
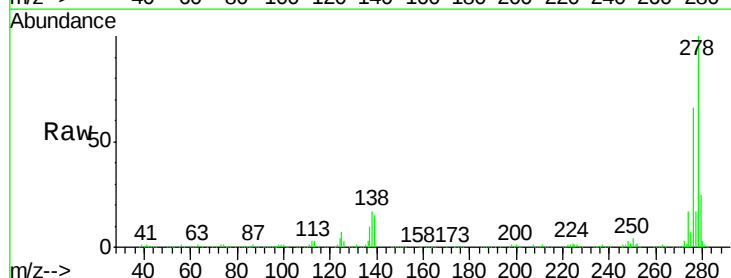
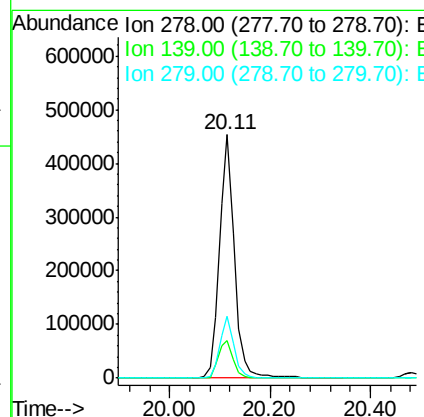
Manual Integrations
APPROVED

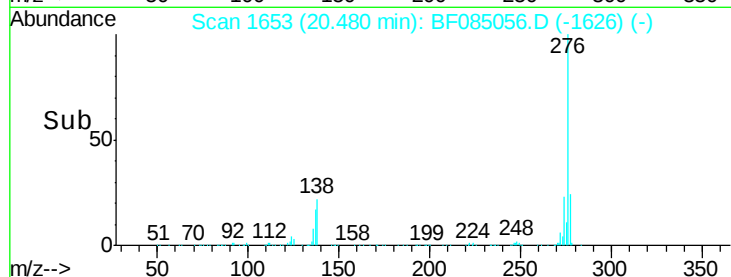
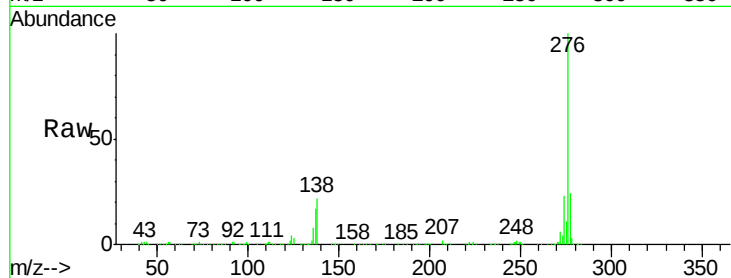
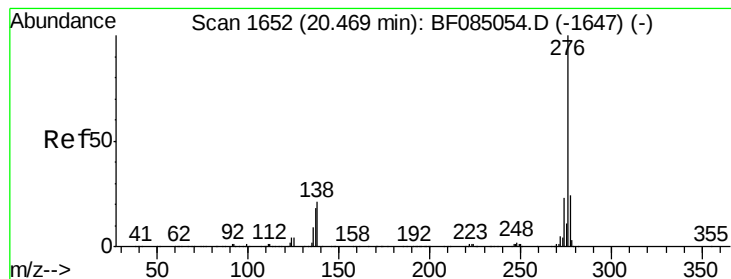
Sohil
2/15/2016 4:43:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 64.95 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF085056.D
Acq: 12 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.3	19.9
279	25.2	18.6	27.8





#91
 Benzo(a,h,i)perylene
 Concen: 68.06 ng
 RT: 20.48 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BF085056.D
 Acq: 12 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	21.8	16.6	24.8

Manual Integrations
 APPROVED

Sohil
 2/15/2016 4:43:04 PM

