

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083554.D
 Acq On : 7 Dec 2015 10:48
 Operator : UM/IZ
 Sample : G4573-04MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

Manual Integrations
 APPROVED

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 12/7/2015 6:34:37 PM

Quant Time: Dec 07 17:04:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	156205	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	585444	20.00	ng	-0.03
38) Acenaphthene-d10	10.43	164	270102	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	433194	20.00	ng	-0.03
75) Chrysene-d12	17.03	240	336255	20.00	ng	-0.02
86) Perylene-d12	18.65	264	256032	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	1484169	144.15	ng	0.00
7) Phenol-d6	5.31	99	1995574	140.67	ng	-0.01
23) Nitrobenzene-d5	6.57	82	1264756	100.98	ng	-0.03
41) 2,4,6-Tribromophenol	11.72	330	323084	129.67	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1821127	91.45	ng	-0.03
78) Terphenyl-d14	15.46	244	1322825	87.54	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	179486	33.24	ng	# 93
3) Pyridine	2.34	79	505097	39.19	ng	98
4) n-Nitrosodimethylamine	2.30	42	322441	49.67	ng	95
6) Aniline	5.30	93	353514	19.15	ng	91
8) 2-Chlorophenol	5.46	128	518434	45.28	ng	98
9) Benzaldehyde	5.13	77	249135	30.63	ng	98
10) Phenol	5.33	94	774667	46.70	ng	# 72
11) bis(2-Chloroethyl)ether	5.40	93	552638	44.95	ng	98
12) 1,3-Dichlorobenzene	5.65	146	552468	43.50	ng	98
13) 1,4-Dichlorobenzene	5.76	146	550797	42.47	ng	99
14) 1,2-Dichlorobenzene	5.97	146	512180	42.95	ng	98
15) Benzyl Alcohol	5.98	79	532624	54.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.17	45	999774	43.86	ng	83
17) 2-Methylphenol	6.18	107	445705	47.16	ng	97
18) Hexachloroethane	6.45	117	176399	38.98	ng	# 87
19) n-Nitroso-di-n-propylamine	6.38	70	470484	49.71	ng	98
20) 3+4-Methylphenols	6.42	107	601767	49.02	ng	94
22) Acetophenone	6.35	105	777618	46.11	ng	99
24) Nitrobenzene	6.60	77	644830	46.75	ng	93
25) Isophorone	6.97	82	1151547	47.88	ng	98
26) 2-Nitrophenol	7.07	139	241791	44.42	ng	96
27) 2,4-Dimethylphenol	7.21	122	467805	48.64	ng	100
28) bis(2-Chloroethoxy)methane	7.32	93	696558	51.97	ng	100
29) 2,4-Dichlorophenol	7.47	162	427318	49.21	ng	96
30) 1,2,4-Trichlorobenzene	7.56	180	438803	45.70	ng	96
31) Naphthalene	7.68	128	1443152	46.31	ng	99
32) Benzoic acid	7.41	122	8138m	4.13	ng	
33) 4-Chloroaniline	7.80	127	137978	11.32	ng	93
34) Hexachlorobutadiene	7.88	225	254720	44.90	ng	97
35) Caprolactam	8.41	113	128955m	46.69	ng	
36) 4-Chloro-3-methylphenol	8.65	107	462855	47.36	ng	100
37) 2-Methylnaphthalene	8.77	142	926413	48.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	411122	46.29	ng	# 100
40) Hexachlorocyclopentadiene	9.02	237	28018	17.37	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	276103	49.51	nq	97
43) 2,4,5-Trichlorophenol	9.34	196	282209	49.13	nq	96
45) 1,1'-Biphenyl	9.54	154	1078403	44.93	nq	99
46) 2-Chloronaphthalene	9.55	162	840450	46.47	nq	97
47) 2-Nitroaniline	9.76	65	330483	51.29	nq	97
48) Acenaphthylene	10.20	152	1316695	44.46	nq	100
49) Dimethylphthalate	10.09	163	1449645	68.19	nq	99
50) 2,6-Dinitrotoluene	10.17	165	207301	46.31	nq	96
51) Acenaphthene	10.49	154	782634	45.92	nq	98
52) 3-Nitroaniline	10.43	138	152850	31.67	nq	89
53) 2,4-Dinitrophenol	10.64	184	24208	17.09	nq	93
54) Dibenzofuran	10.77	168	1185142	50.19	nq	99
55) 4-Nitrophenol	10.82	139	231349	85.11	nq	93
56) 2,4-Dinitrotoluene	10.82	165	257263	44.00	nq	94
57) Fluorene	11.32	166	897780	43.71	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.00	232	207284	48.25	nq	# 100
59) Diethylphthalate	11.23	149	996566	48.71	nq	99
60) 4-Chlorophenyl-phenylether	11.36	204	443816	45.09	nq	# 89
61) 4-Nitroaniline	11.44	138	188087	43.02	nq	98
62) Azobenzene	11.61	77	1163381	53.30	nq	98
64) 4,6-Dinitro-2-methylphenol	11.49	198	40026	16.18	nq	78
65) n-Nitrosodiphenylamine	11.56	169	783934	54.66	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	242226	51.17	nq	94
67) Hexachlorobenzene	12.21	284	251231	49.65	nq	# 89
68) Atrazine	12.48	200	224367	51.73	nq	98
69) Pentachlorophenol	12.57	266	202877	87.75	nq	98
70) Phenanthrene	12.87	178	1183059	46.92	nq	100
71) Anthracene	12.95	178	1198667	46.61	nq	100
72) Carbazole	13.24	167	1020177	46.20	nq	98
73) Di-n-butylphthalate	13.88	149	1451592	54.58	nq	99
74) Fluoranthene	14.79	202	1074827	43.01	nq	98
76) Benzidine	15.06	184	376958	31.03	nq	96
77) Pyrene	15.14	202	1092720	43.44	nq	99
79) Butylbenzylphthalate	16.28	149	516239	52.19	nq	87
80) Benzo(a)anthracene	17.01	228	955616	48.57	nq	99
81) 3,3'-Dichlorobenzidine	17.00	252	266628	42.37	nq	98
82) Chrysene	17.06	228	860929	43.93	nq	99
83) Bis(2-ethylhexyl)phthalate	17.14	149	727991	56.09	nq	99
84) Di-n-octyl phthalate	17.91	149	1149003	62.07	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.91	276	627380	37.34	nq	# 100
87) Benzo(b)fluoranthene	18.27	252	923853m	64.25	nq	
88) Benzo(k)fluoranthene	18.31	252	584453m	39.68	nq	
89) Benzo(a)pyrene	18.60	252	689758	49.32	nq	# 96
90) Dibenzo(a,h)anthracene	19.91	278	544975	40.50	nq	99
91) Benzo(g,h,i)perylene	20.26	276	438988	32.37	nq	95

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

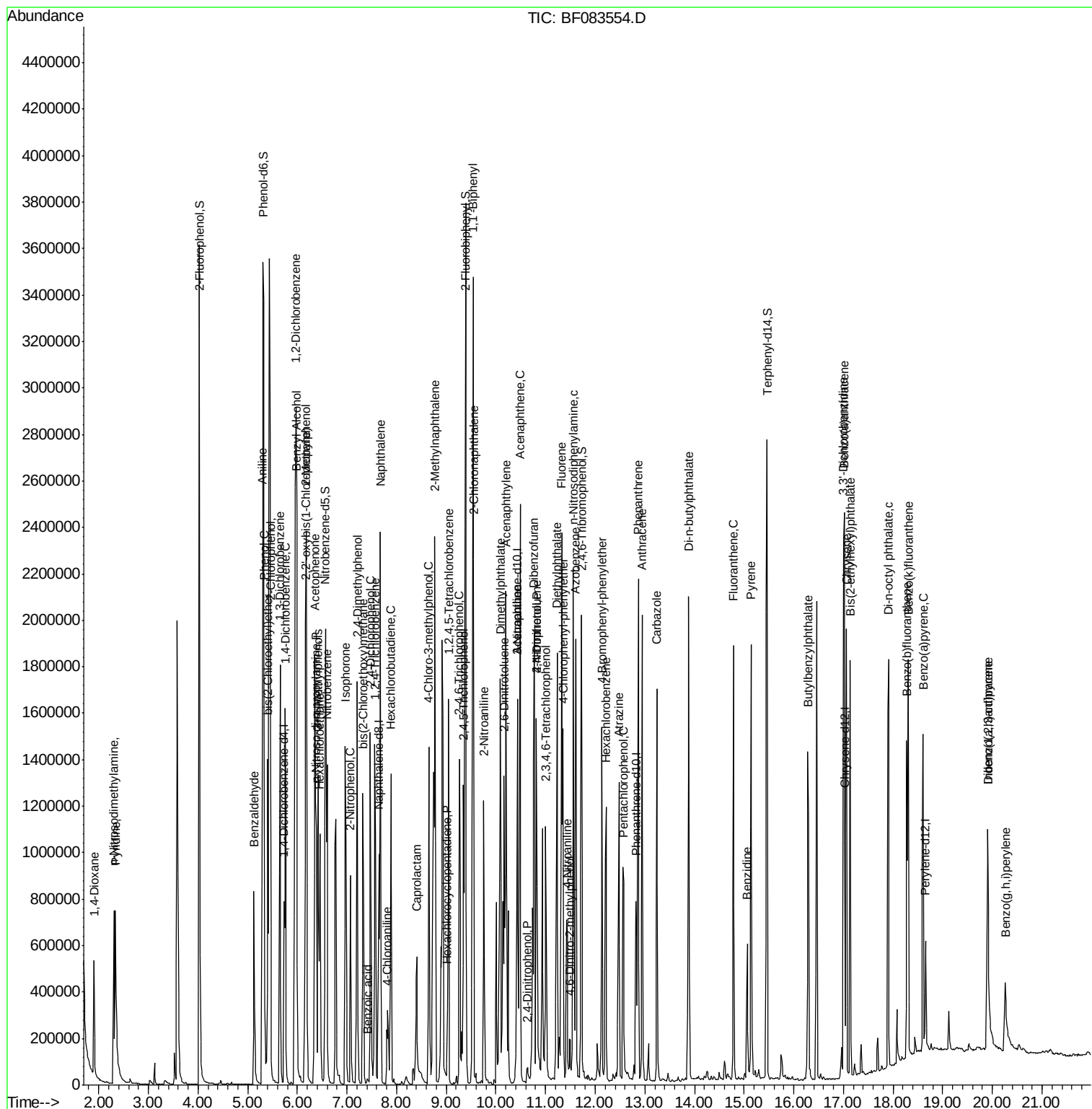
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
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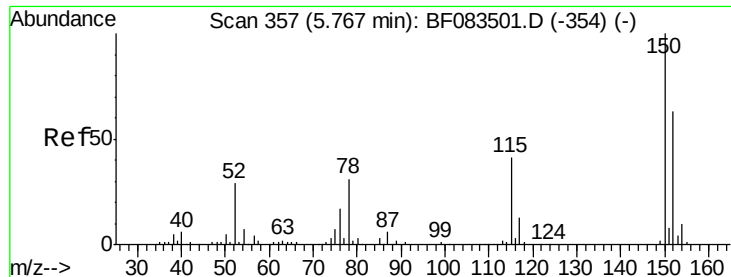
Instrument :
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#1

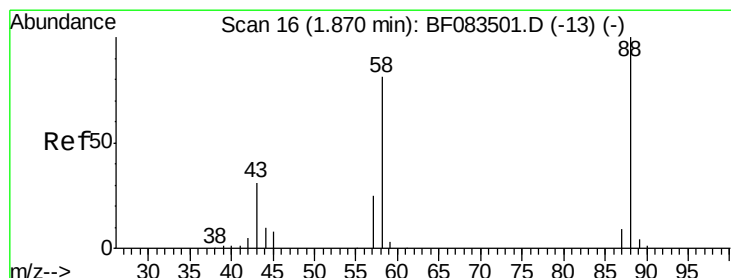
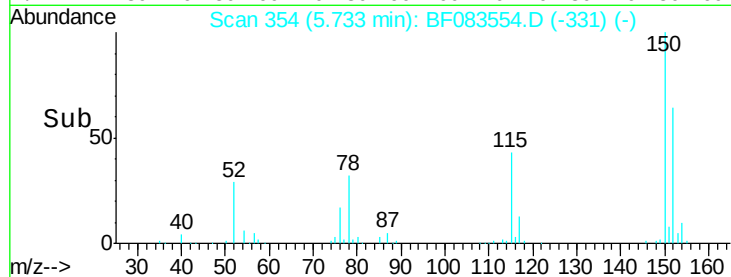
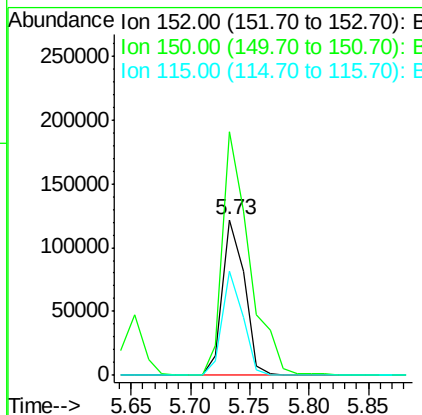
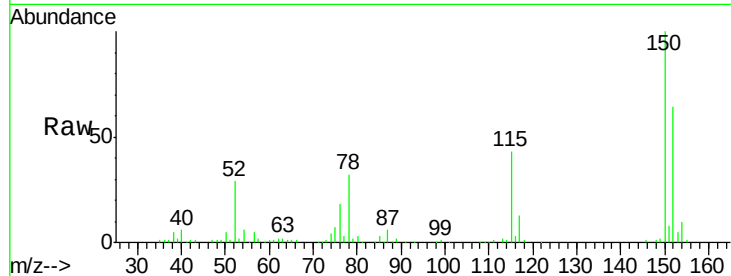
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.5	189.7
115	67.0	52.3	78.5

Manual Integrations
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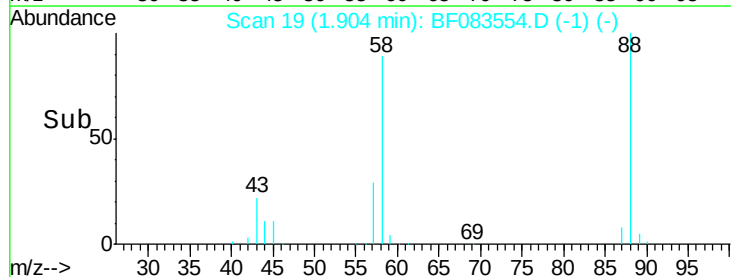
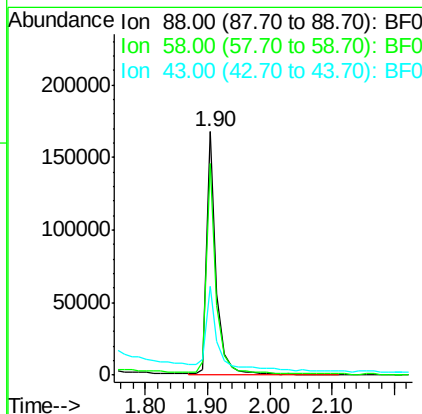
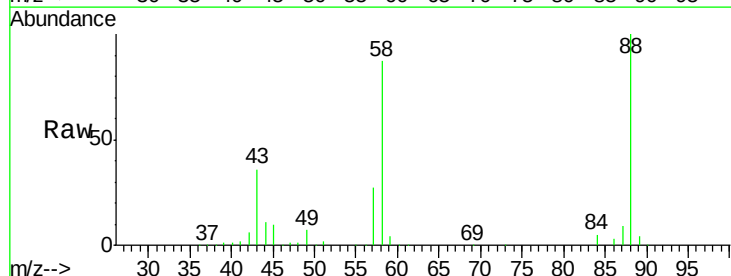
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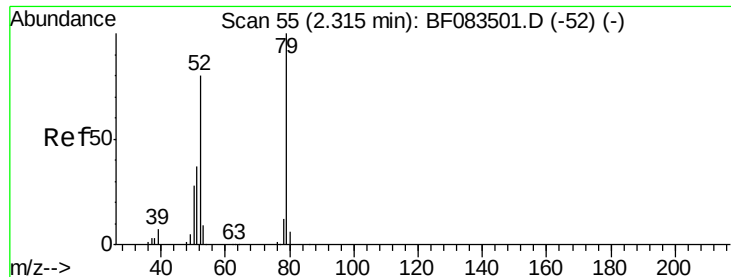


#2

1,4-Dioxane
Concen: 33.24 ng
RT: 1.90 min Scan# 19
Delta R.T. 0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	68.0	102.0
43	45.3	27.9	41.9#





#3

Pvridine

Concen: 39.19 ng

RT: 2.34 min Scan# 57

Delta R.T. 0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

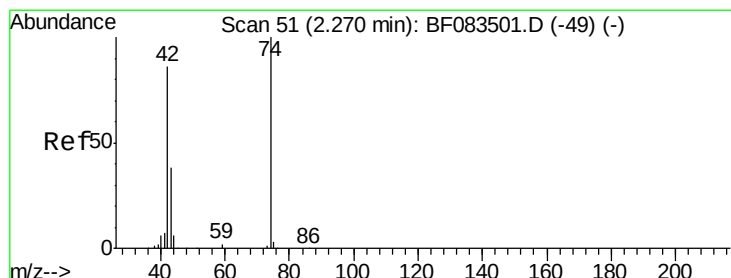
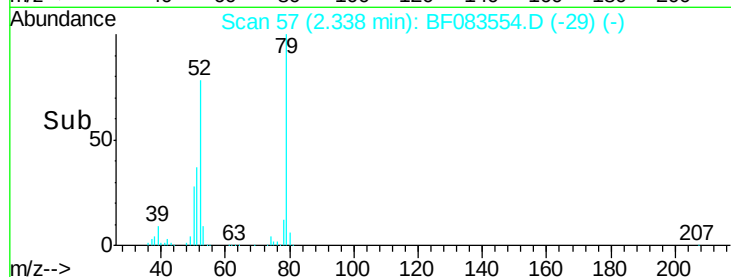
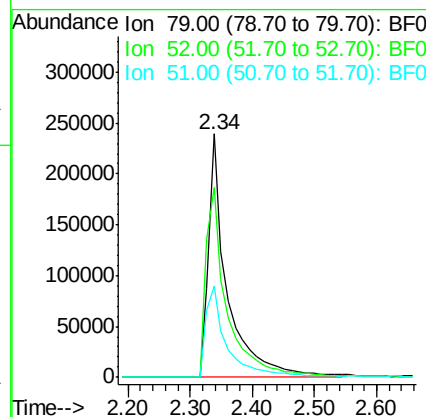
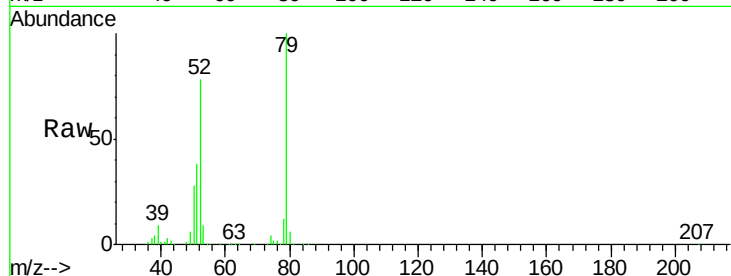
ClientSampleId :

K207-64-65MS

Tot Ion:	79	Resp:	505097
Ion Ratio	Lower	Upper	
79	100		
52	77.8	63.7	95.5
51	37.7	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 49.67 ng

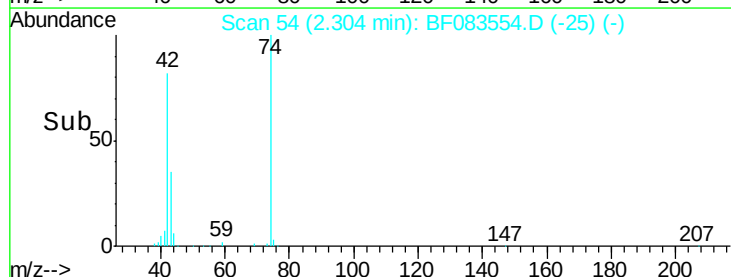
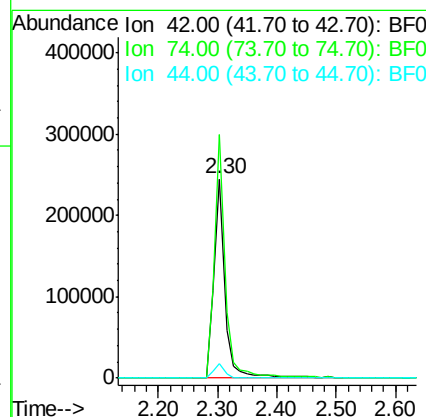
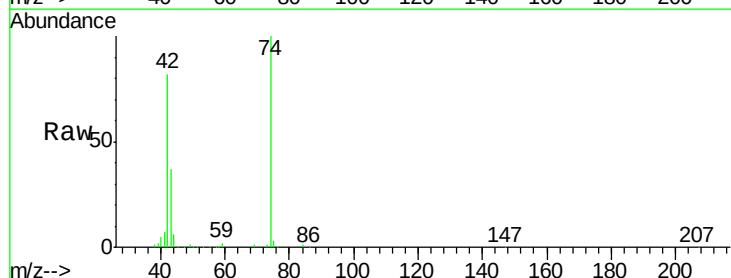
RT: 2.30 min Scan# 54

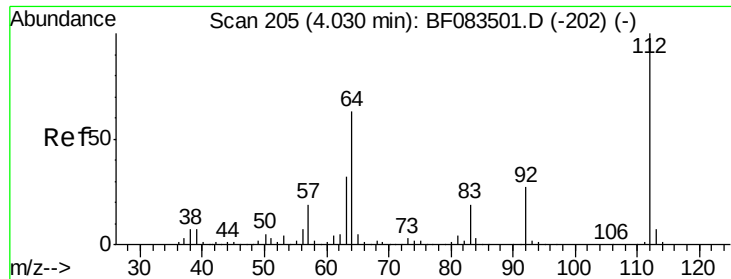
Delta R.T. 0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion:	42	Resp:	322441
Ion Ratio	Lower	Upper	
42	100		
74	122.4	92.9	139.3
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 144.15 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

K207-64-65MS

Tot Ion: 112 Resp: 1484169

Ion Ratio Lower Upper

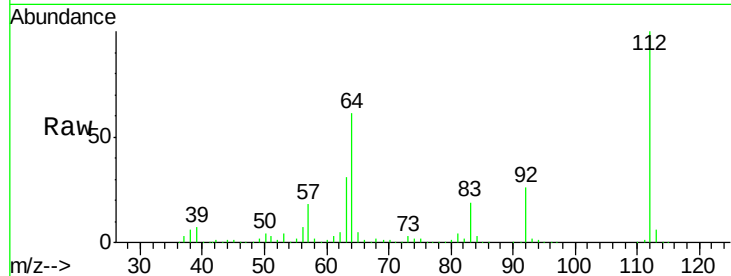
112 100

64 60.8 50.5 75.7

63 31.0 25.8 38.6

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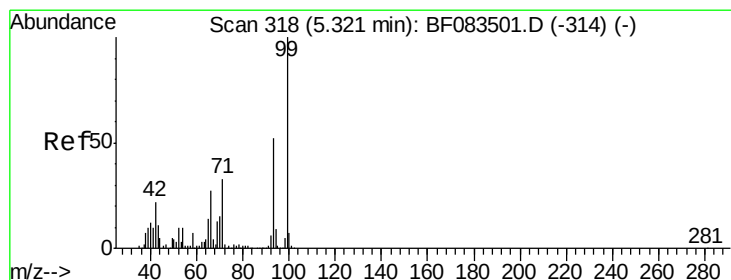
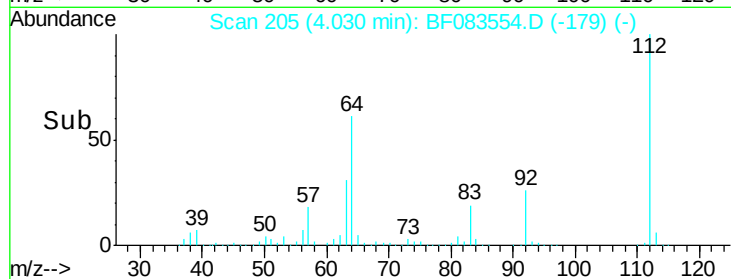
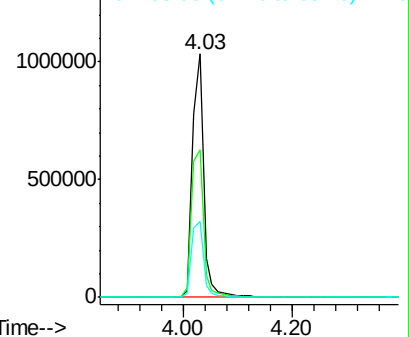
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.15 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

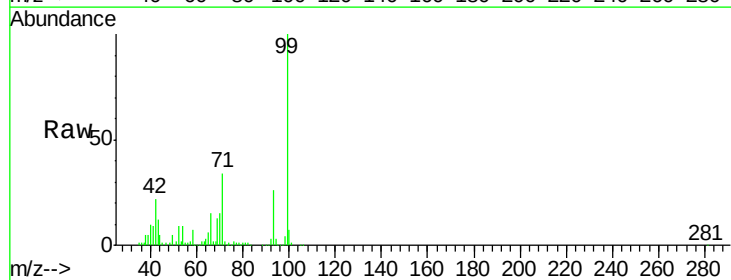
Tgt Ion: 93 Resp: 353514

Ion Ratio Lower Upper

93 100

66 59.7 41.3 61.9

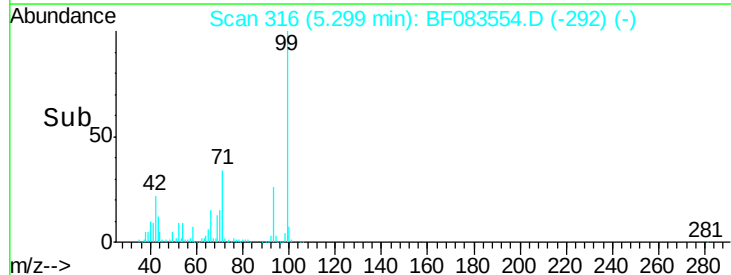
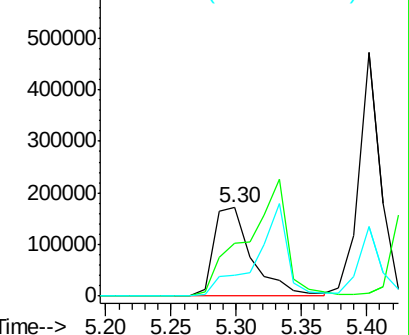
65 23.8 20.8 31.2

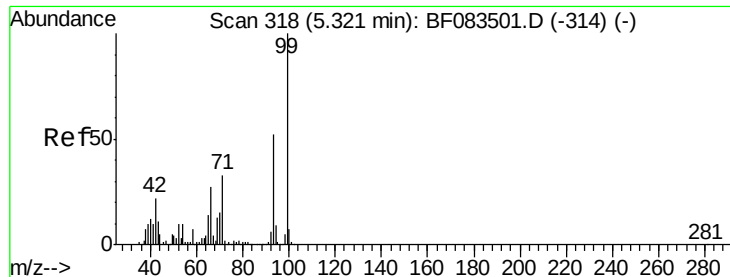


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.67 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.01 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

K207-64-65MS

Tot Ion: 99 Resp: 1995574

Ion Ratio Lower Upper

99 100

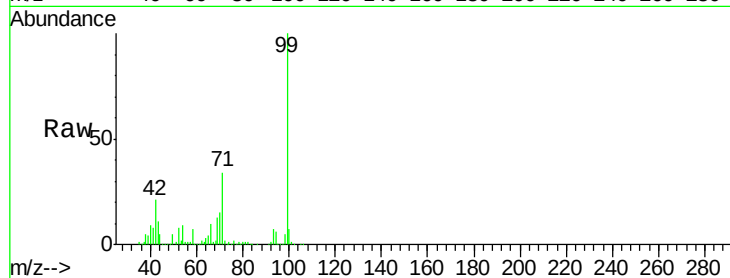
42 21.5 17.3 25.9

71 34.2 26.6 40.0

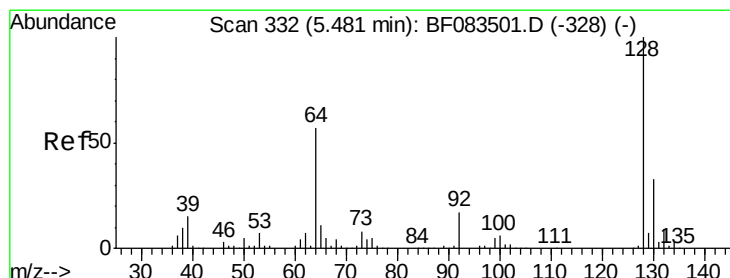
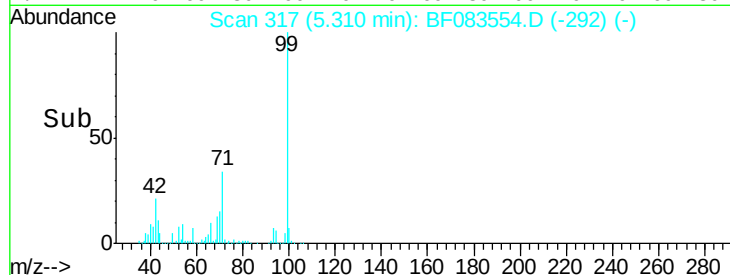
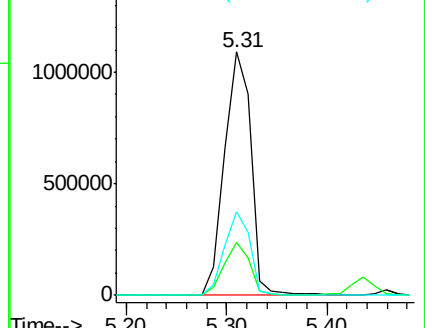
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.28 ng

RT: 5.46 min Scan# 330

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

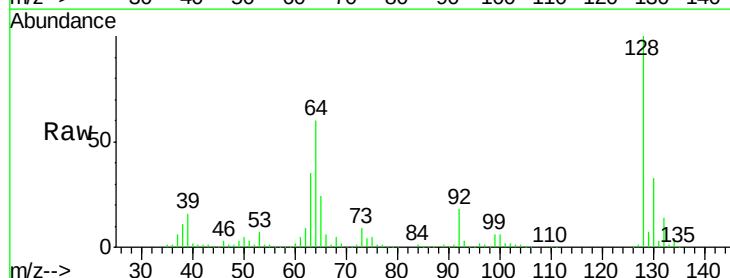
Tgt Ion: 128 Resp: 518434

Ion Ratio Lower Upper

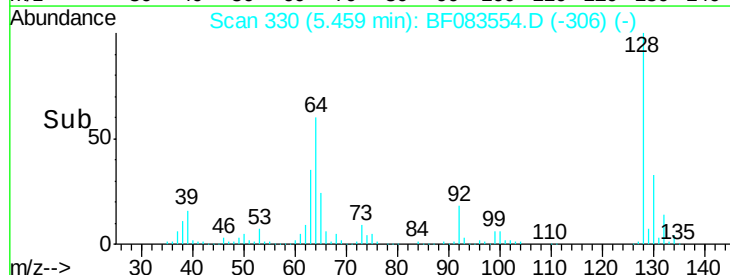
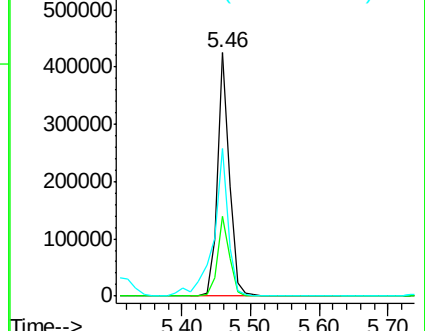
128 100

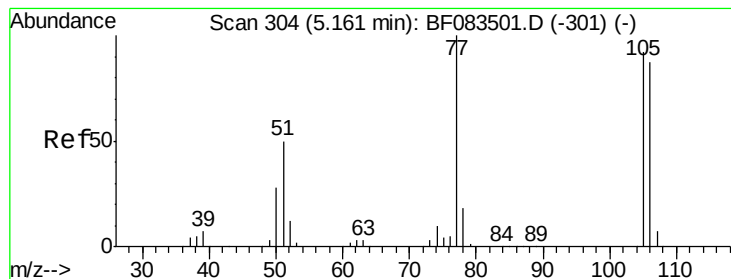
130 32.5 12.6 52.6

64 60.5 38.6 78.6



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: 30.63 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

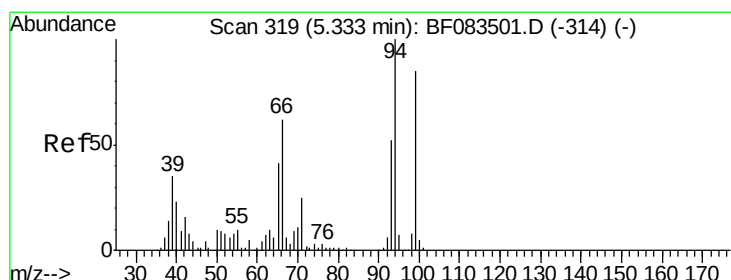
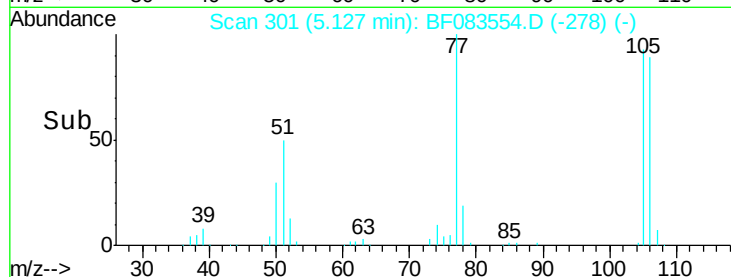
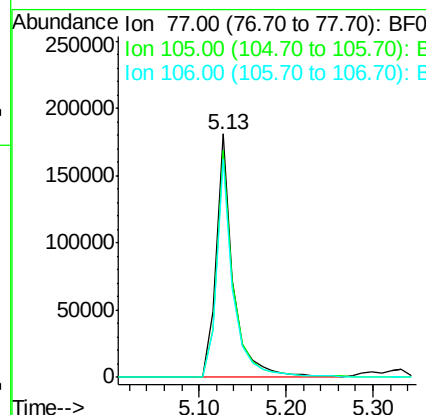
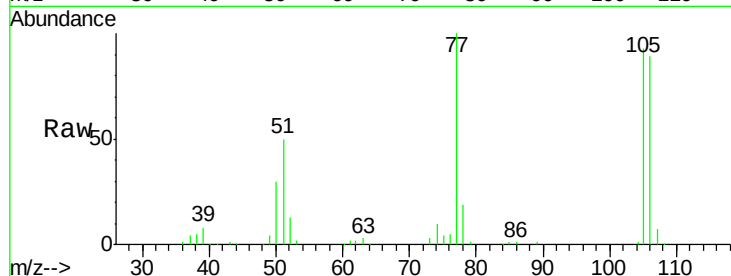
ClientSampleId :

K207-64-65MS

Tot Ion:	77	Resp:	249135
Ion Ratio	Lower	Upper	
77	100		
105	93.4	71.8	111.8
106	89.5	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 46.70 ng

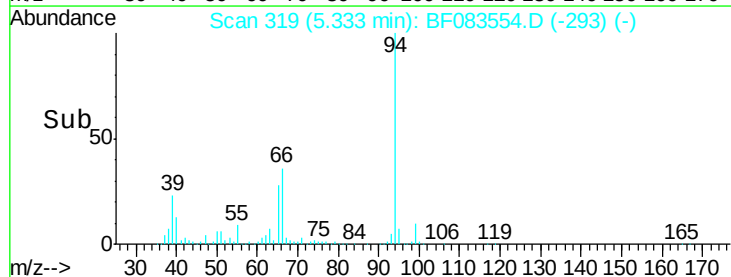
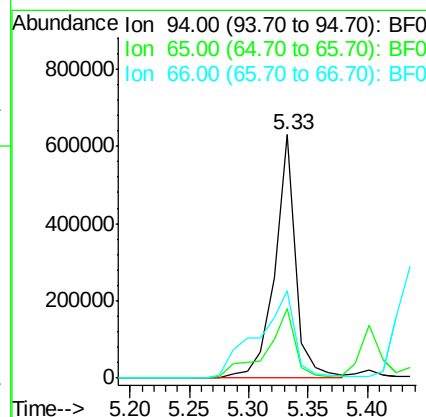
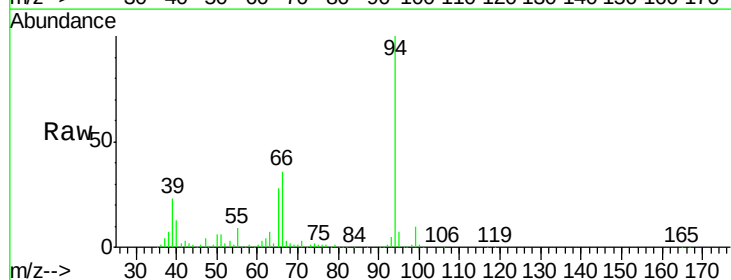
RT: 5.33 min Scan# 319

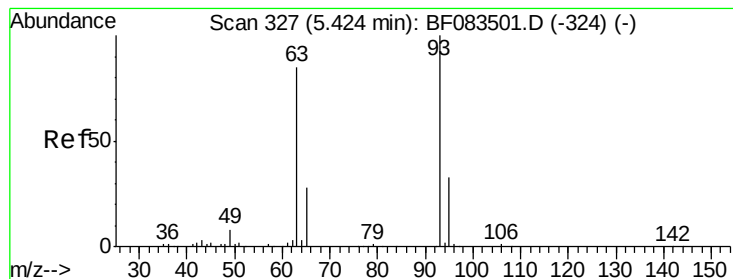
Delta R.T. 0.00 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion:	94	Resp:	774667
Ion Ratio	Lower	Upper	
94	100		
65	28.5	20.9	60.9
66	36.2	41.6	81.6





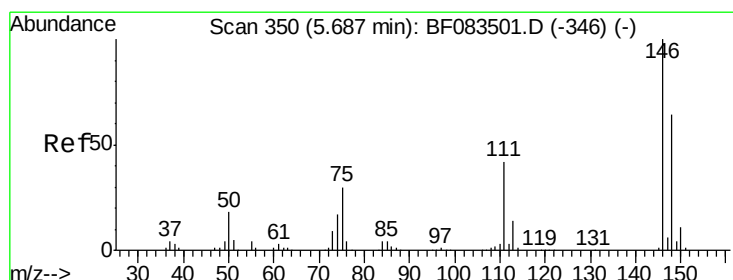
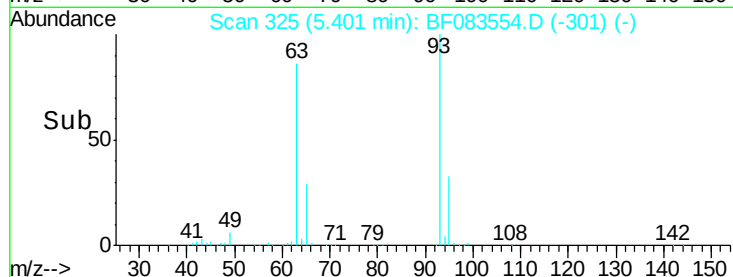
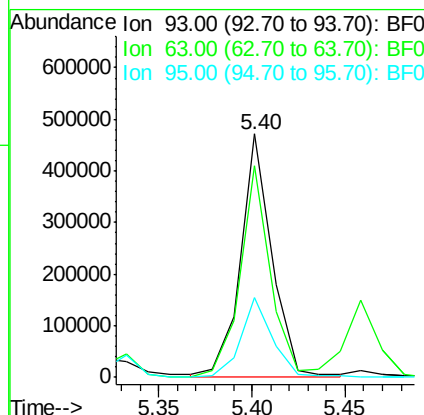
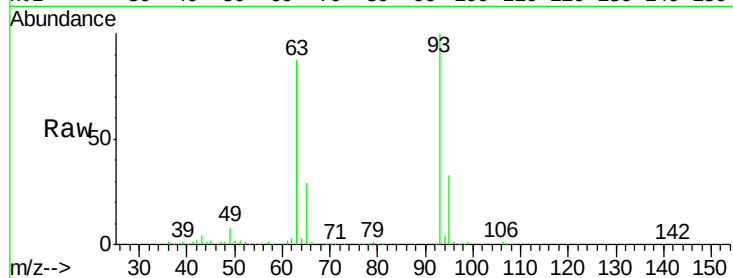
#11
bis(2-Chloroethyl)ether
Concen: 44.95 ng
RT: 5.40 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.9	64.7	104.7
95	32.7	12.7	52.7

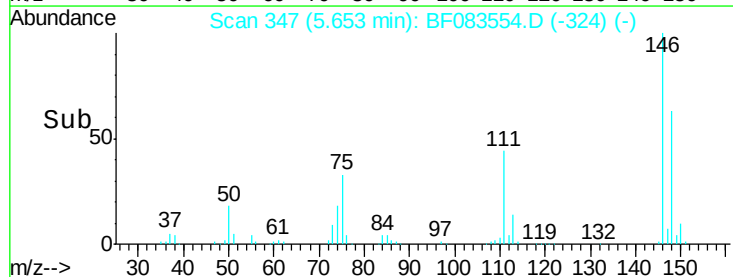
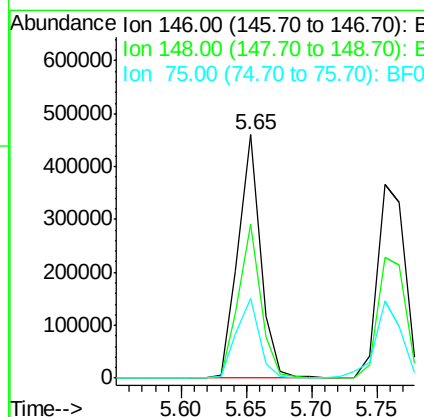
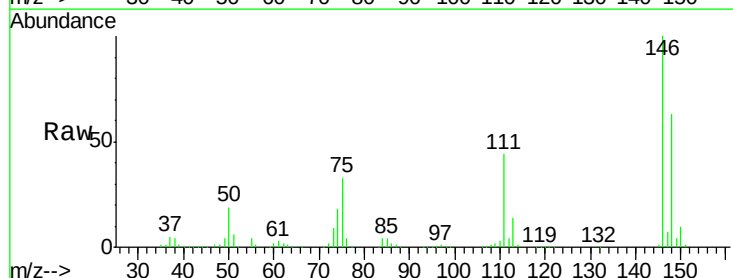
Manual Integrations
APPROVED

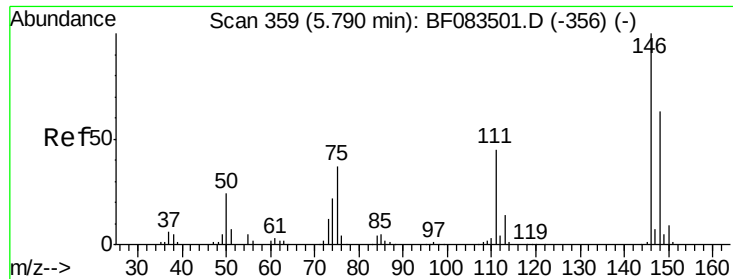
Mmdadoda
12/7/2015 6:34:37 PM



#12
1,3-Dichlorobenzene
Concen: 43.50 ng
RT: 5.65 min Scan# 347
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
75	32.6	24.1	36.1





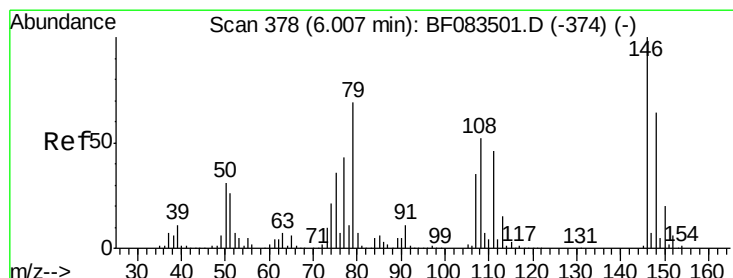
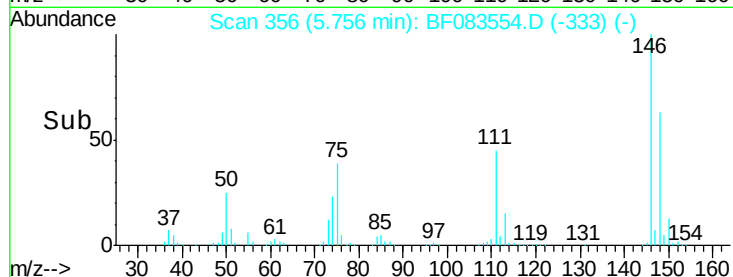
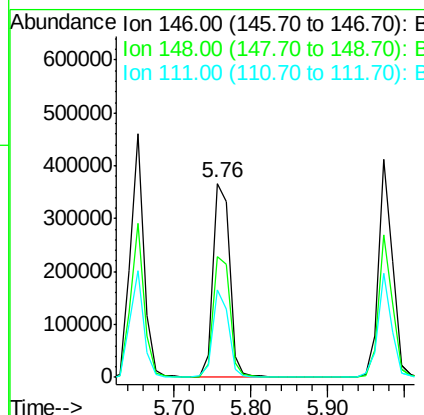
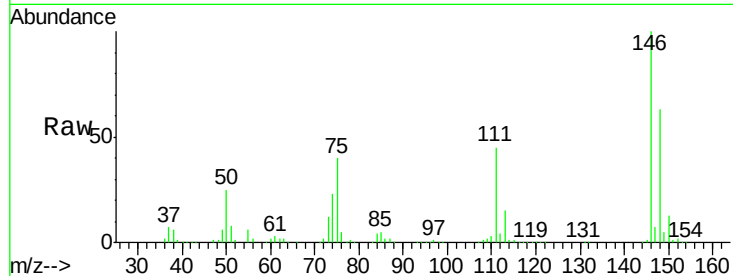
#13
 1,4-Dichlorobenzene
 Concen: 42.47 ng
 RT: 5.76 min Scan# 356
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	76.0
111	45.4	36.1	54.1

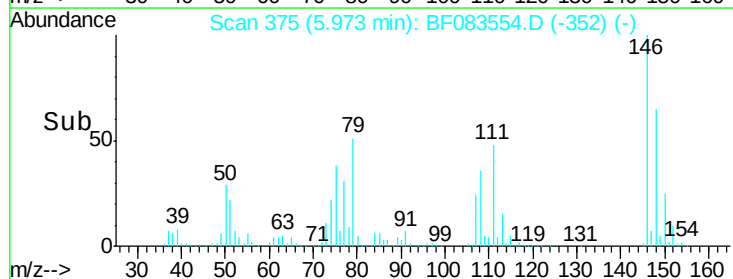
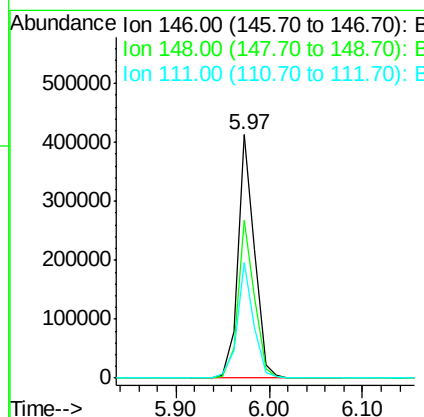
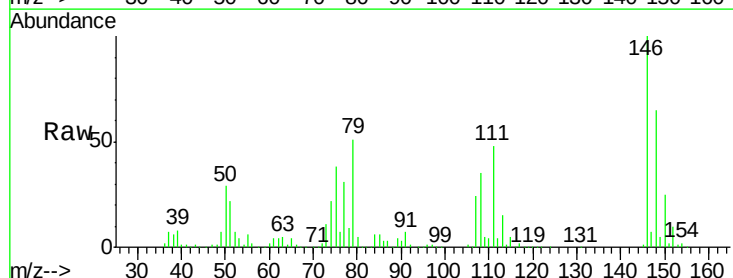
Manual Integrations
 APPROVED

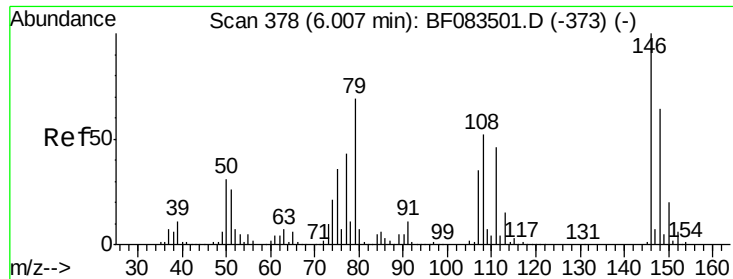
Mmdadoda
 12/7/2015 6:34:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.95 ng
 RT: 5.97 min Scan# 375
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	47.6	36.7	55.1





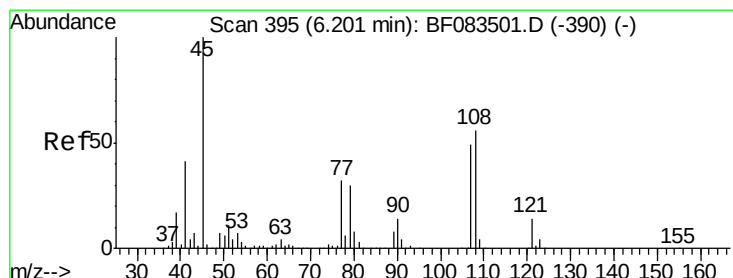
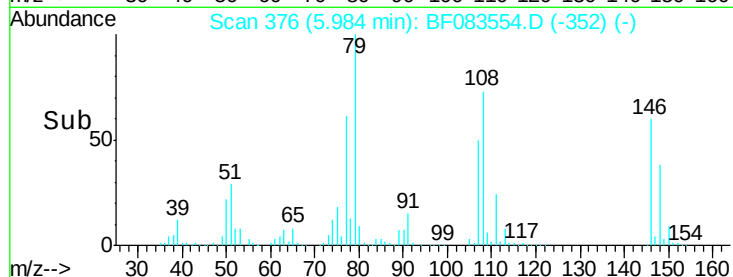
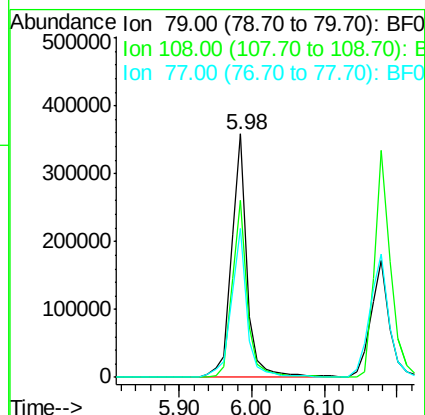
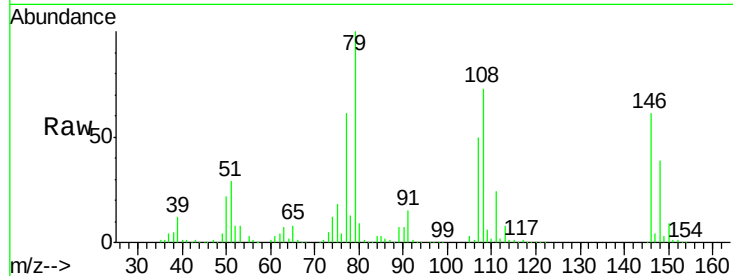
#15
Benzvl Alcohol
Concen: 54.12 ng
RT: 5.98 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	59.6	89.4
77	61.4	49.8	74.6

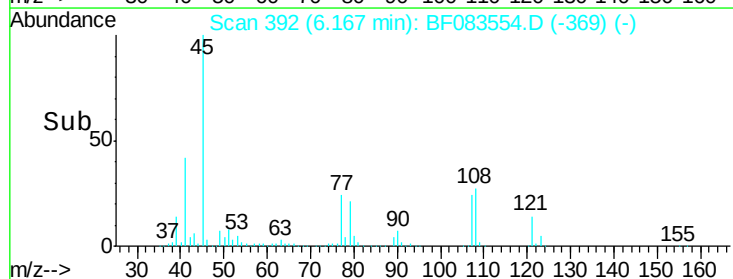
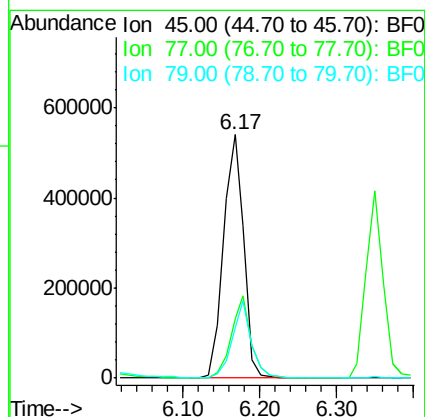
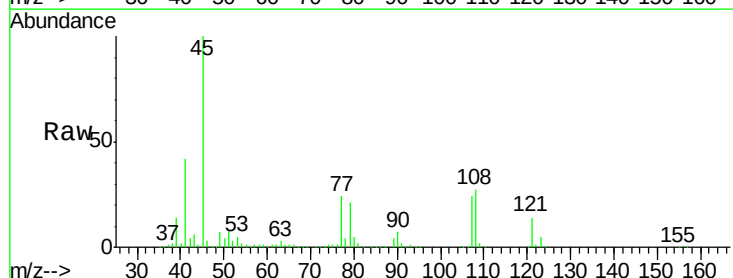
Manual Integrations
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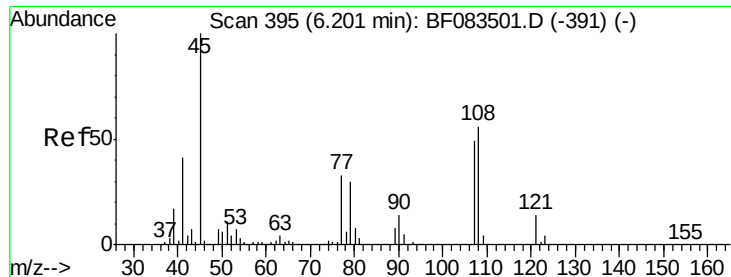
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.86 ng
RT: 6.17 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.3	12.8	52.8
79	20.8	10.7	50.7





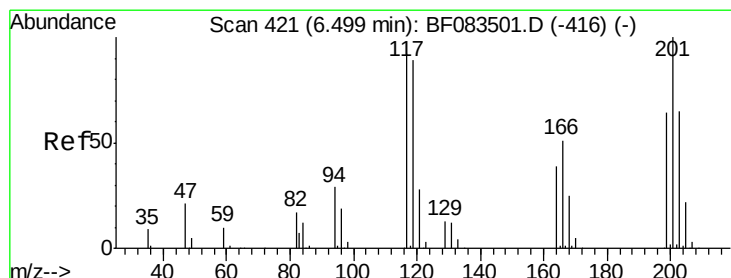
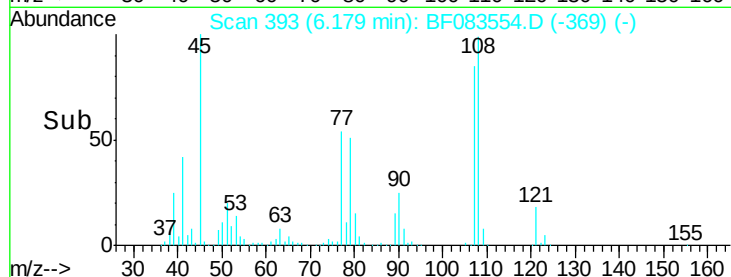
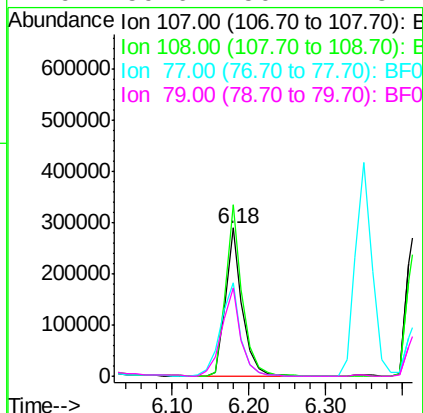
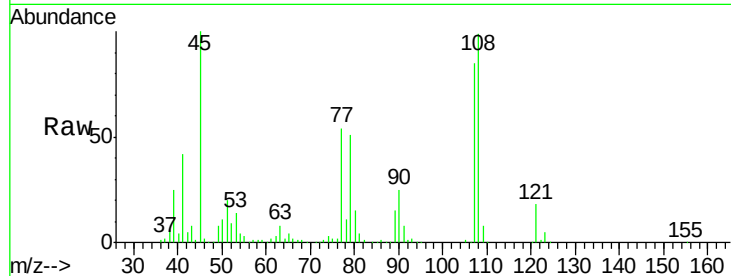
#17
2-Methylphenol
Concen: 47.16 ng
RT: 6.18 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		445705		
108	115.7	91.6	137.4		
77	62.8	53.7	80.5		
79	59.6	50.2	75.4		

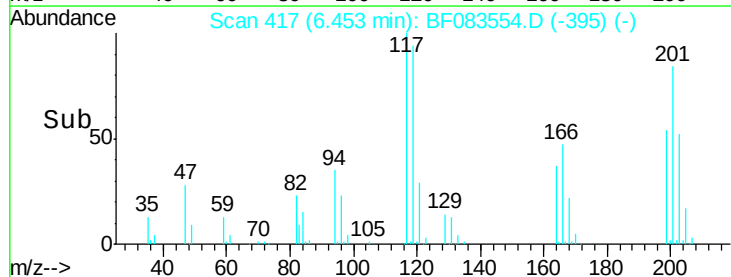
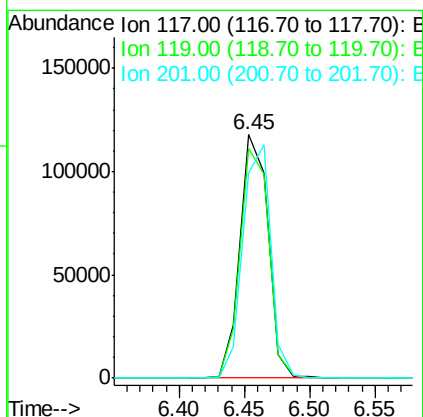
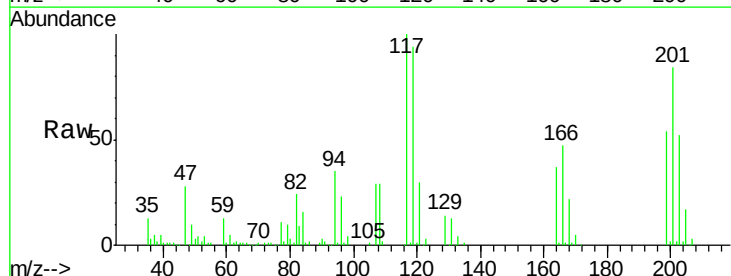
Manual Integrations
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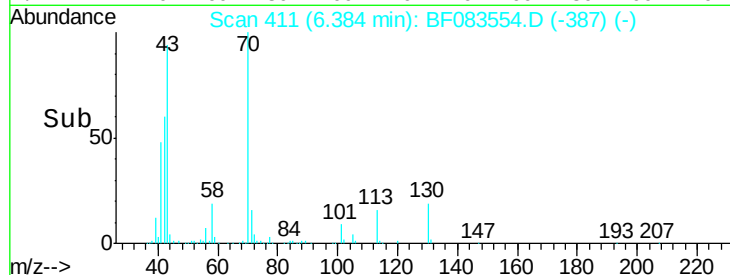
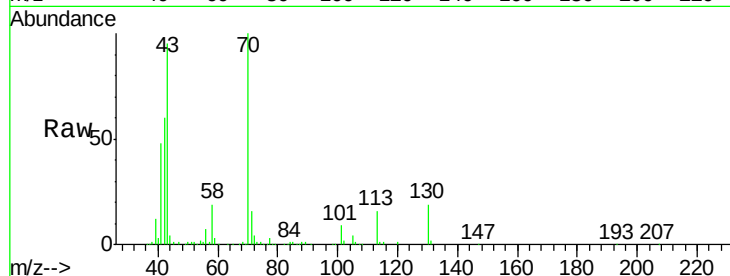
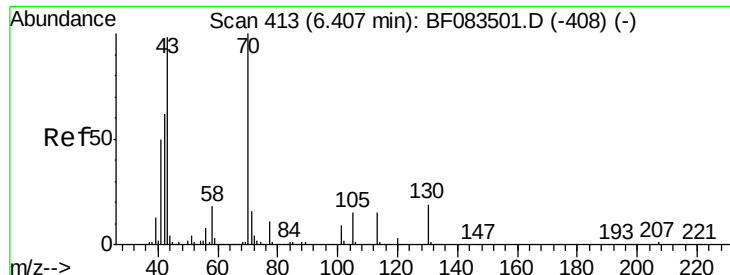
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12/7/2015 6:34:37 PM



#18
Hexachloroethane
Concen: 38.98 ng
RT: 6.45 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		176399		
119	94.2	77.2	115.8		
201	84.5	86.8	130.2#		





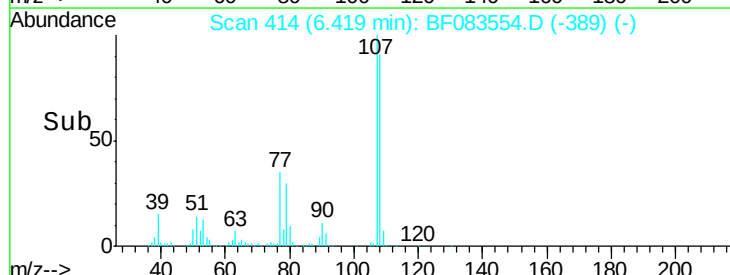
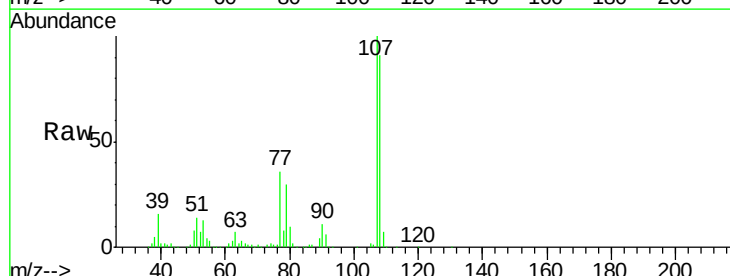
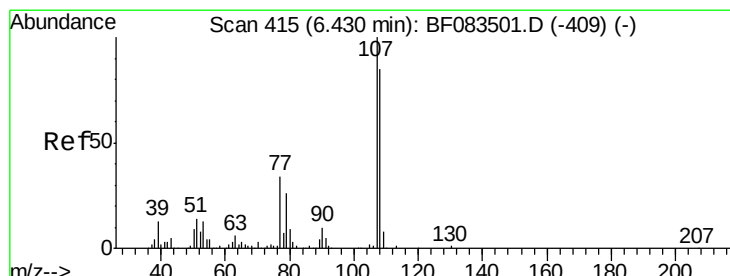
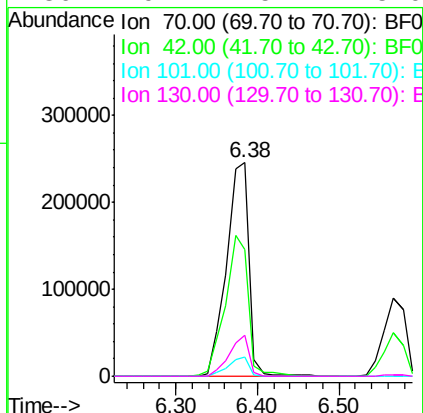
#19
n-Nitroso-di-n-propylamine
Concen: 49.71 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Manual Integrations
APPROVED

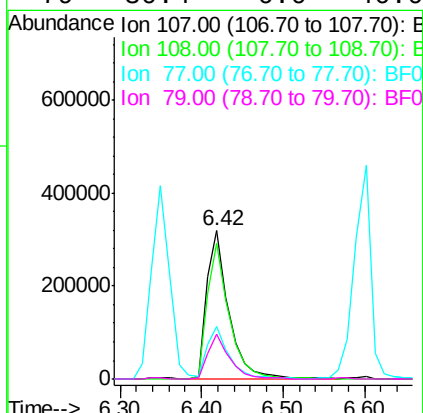
Mmdadoda
12/7/2015 6:34:37 PM

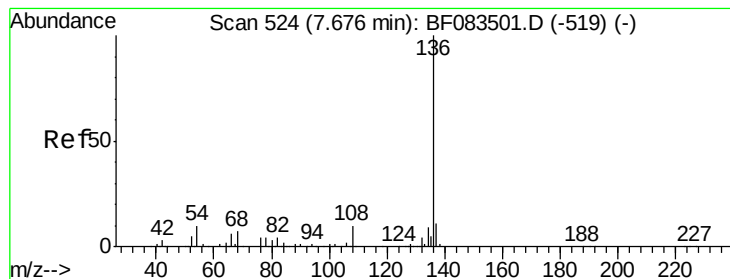
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.6	49.2	73.8	
101	8.9	7.1	10.7	
130	19.4	15.4	23.0	



#20
3+4-Methylphenols
Concen: 49.02 ng
RT: 6.42 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	65.2	105.2	
77	35.5	15.2	55.2	
79	30.4	6.0	46.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

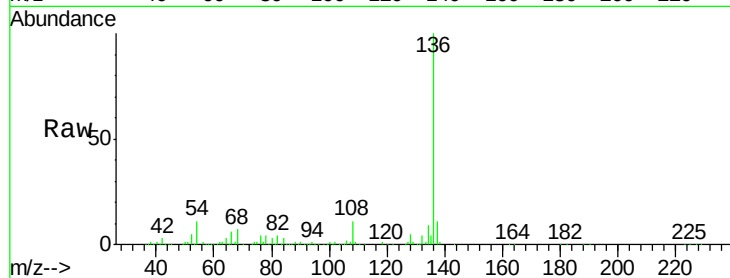
ClientSampleId :

K207-64-65MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		585444		
137	10.8		8.7	13.1	
54	10.5		7.8	11.6	
68	7.3		5.7	8.5	

Manual Integrations
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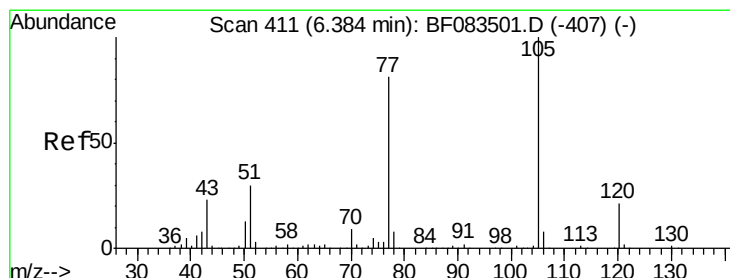
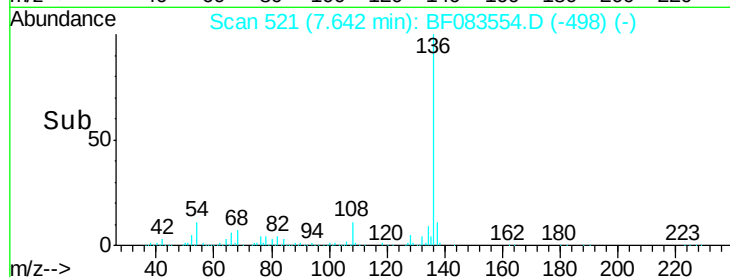
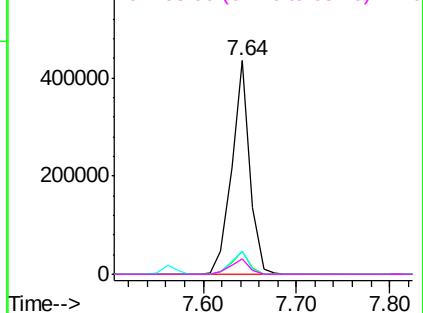
Abundance

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: 46.11 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		777618		
71	1.8		1.3	1.9	
51	30.9		23.8	35.8	
120	20.6		16.7	25.1	

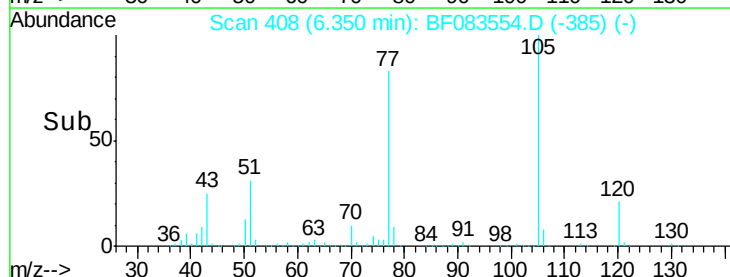
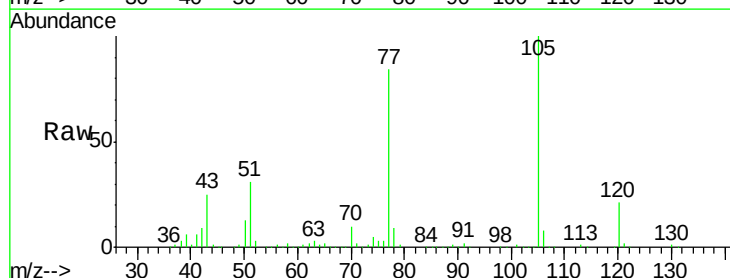
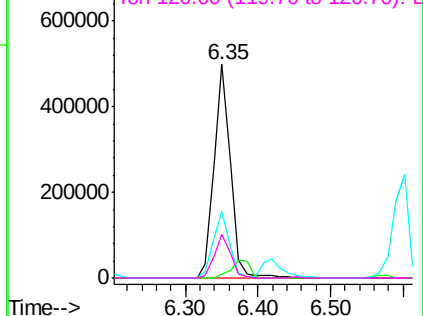
Abundance

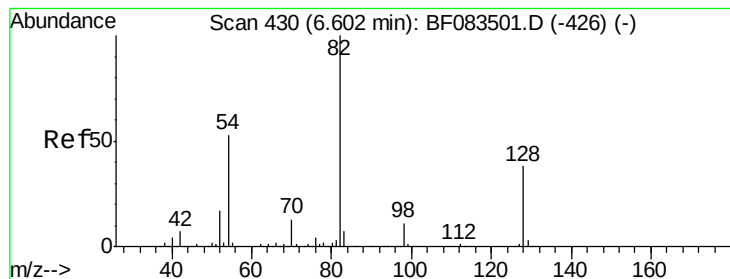
Ion 105.00 (104.70 to 105.70): E

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: 100.98 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

K207-64-65MS

Tot Ion: 82 Resp: 1264756

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.7	46.1
54	54.6	42.5	63.7

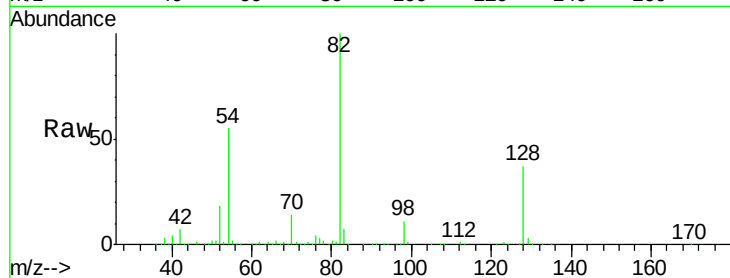
82 100

128 37.4 30.7 46.1

54 54.6 42.5 63.7

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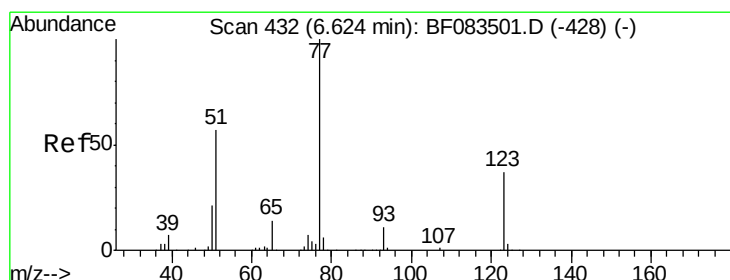
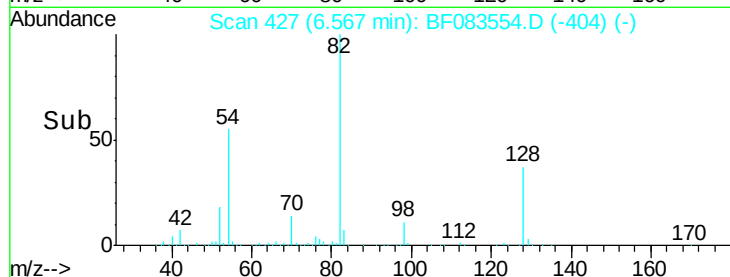
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

6.57

Time-->



#24

Nitrobenzene

Concen: 46.75 ng

RT: 6.60 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

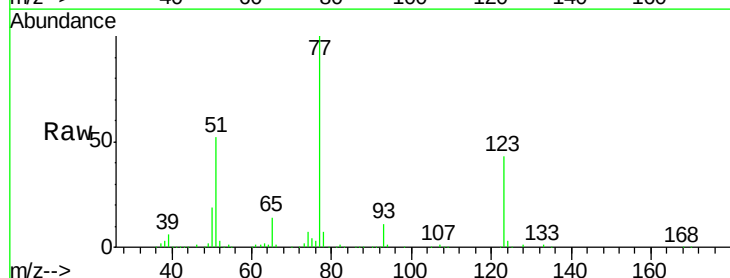
Tgt Ion: 77 Resp: 644830

Ion	Ratio	Lower	Upper
77	100		
123	43.2	29.8	44.6
65	13.8	11.1	16.7

77 100

123 43.2 29.8 44.6

65 13.8 11.1 16.7



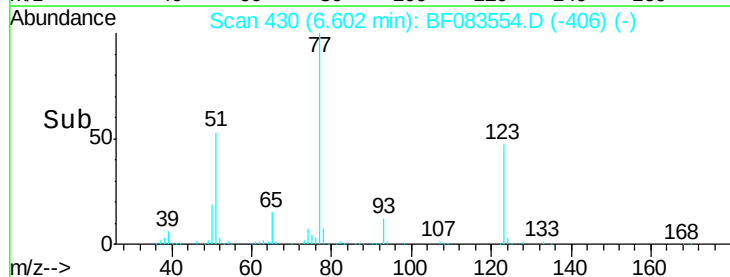
Abundance Ion 77.00 (76.70 to 77.70): BF0

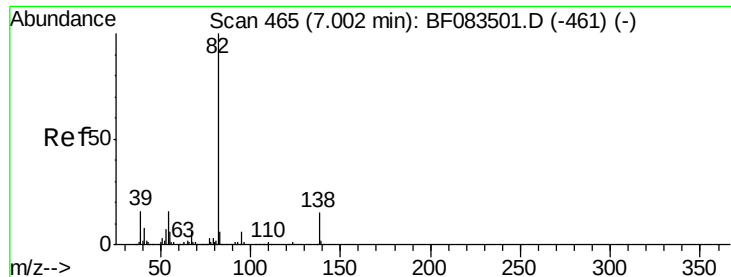
Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.60

Time-->





#25

Isophorone

Concen: 47.88 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

K207-64-65MS

Tot Ion: 82 Resp: 1151547

Ion Ratio Lower Upper

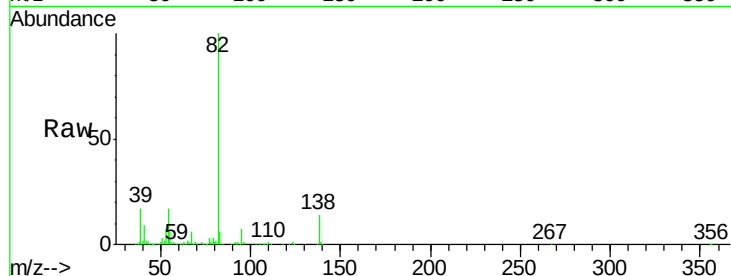
82 100

95 6.5 5.0 7.4

138 13.8 12.1 18.1

Manual Integrations
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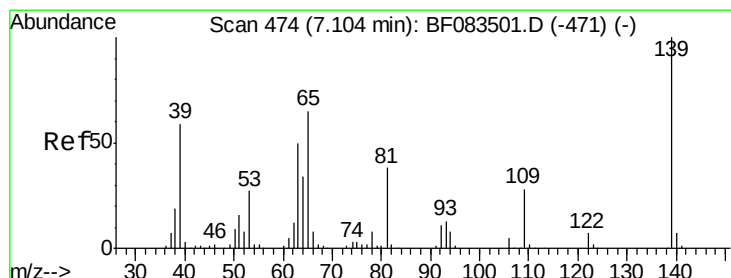
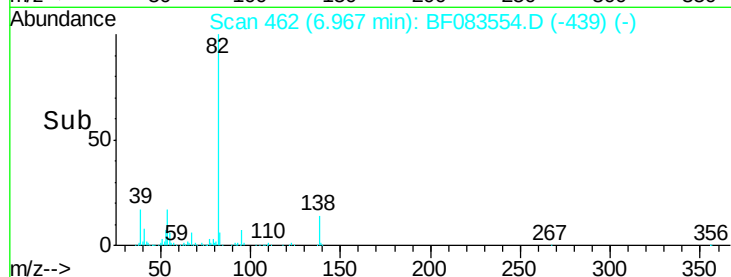
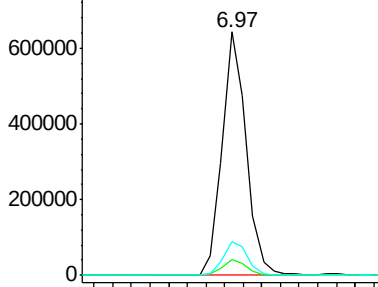
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.42 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

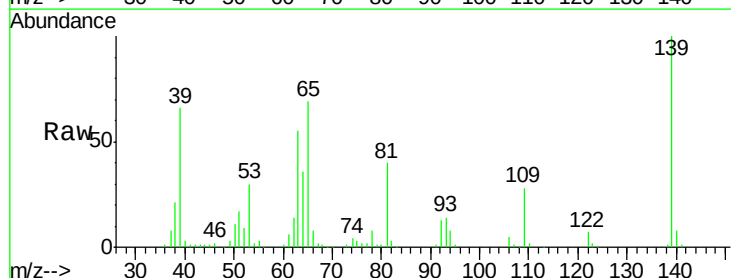
Tgt Ion: 139 Resp: 241791

Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

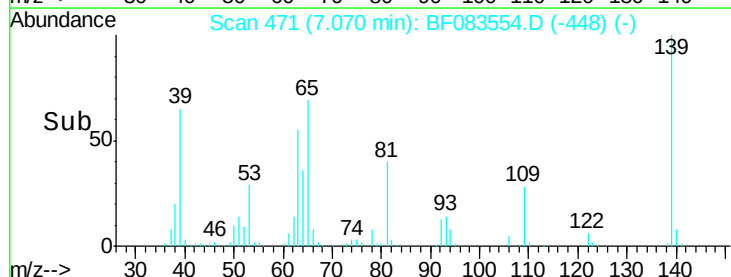
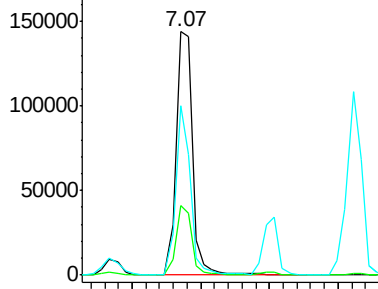
65 69.4 51.8 77.8

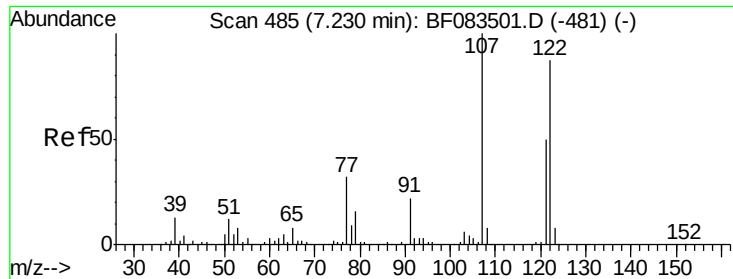


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 48.64 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

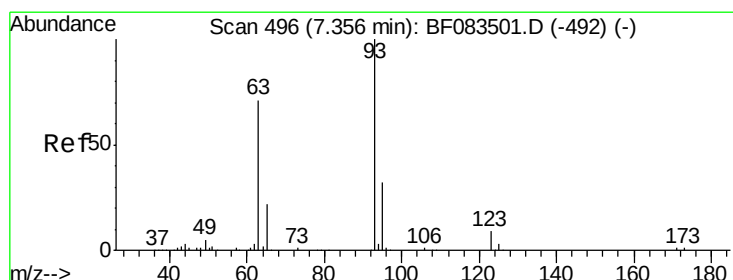
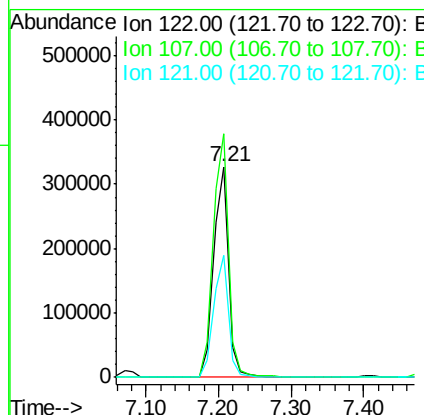
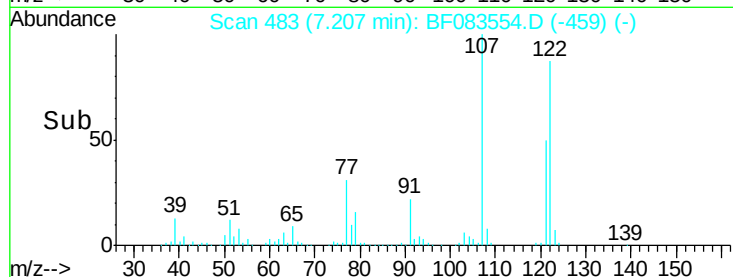
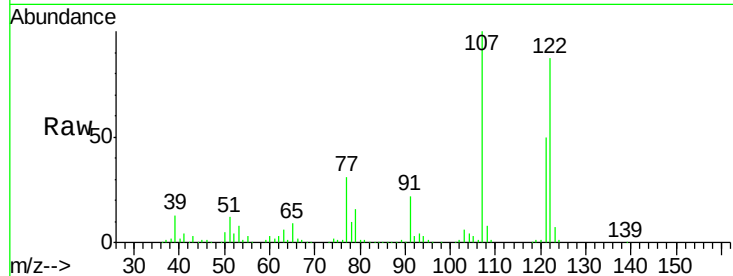
ClientSampleId :

K207-64-65MS

Tot Ion:	122	Resp:	467805
Ion Ratio	Lower	Upper	
122	100		
107	115.5	92.4	138.6
121	58.1	45.8	68.6

Manual Integrations
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Mmdadoda
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#28

bis(2-Chloroethoxy)methane

Concen: 51.97 ng

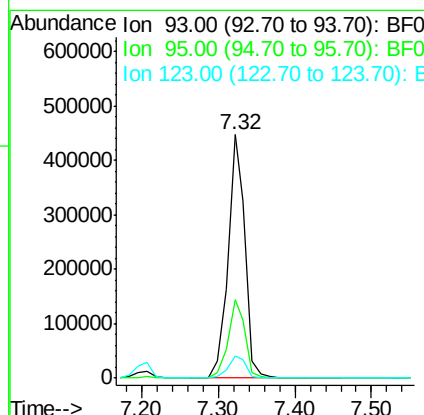
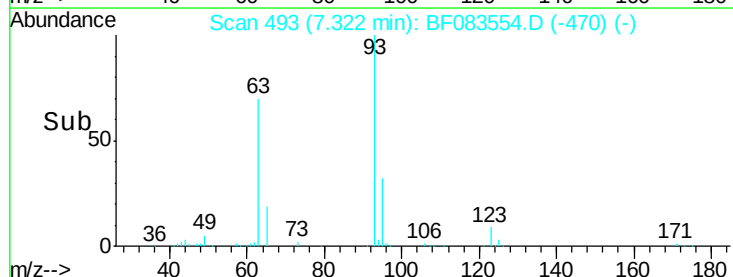
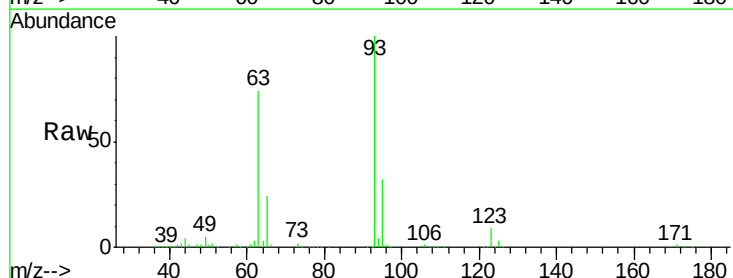
RT: 7.32 min Scan# 493

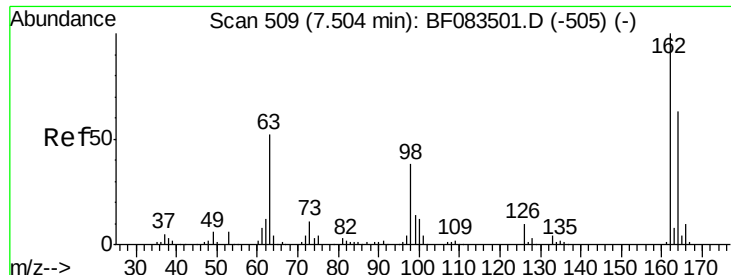
Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion:	93	Resp:	696558
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.6	38.4
123	9.0	7.3	10.9





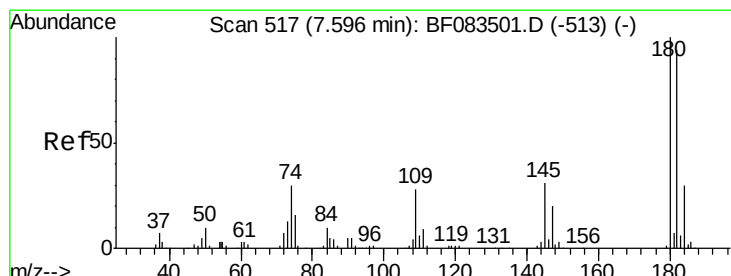
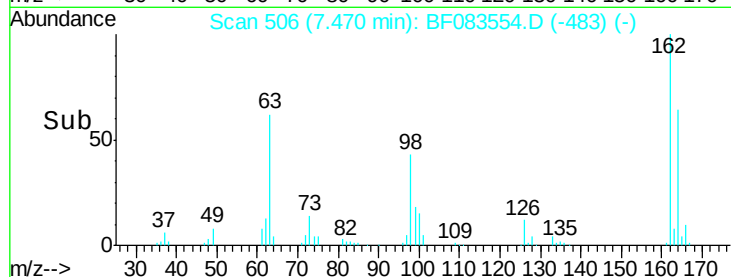
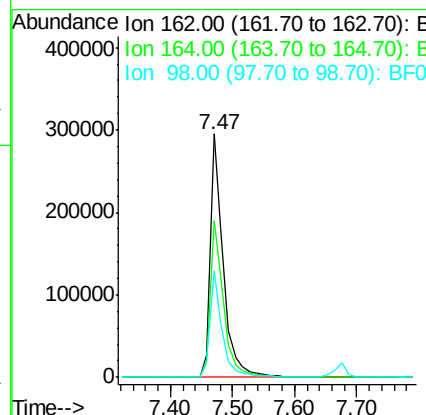
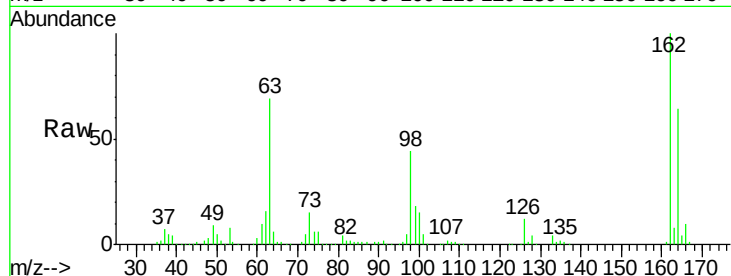
#29
 2,4-Dichlorophenol
 Concen: 49.21 ng
 RT: 7.47 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

Tot Ion:	162	Resp:	427318
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.4	83.4
98	43.6	17.5	57.5

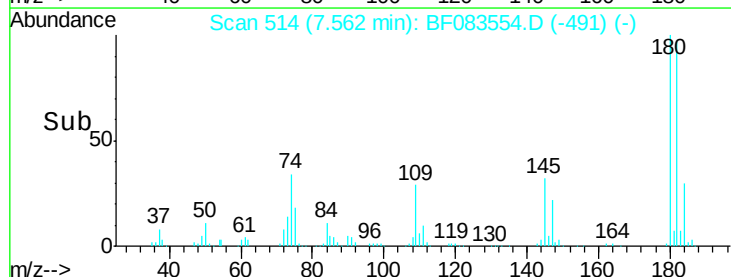
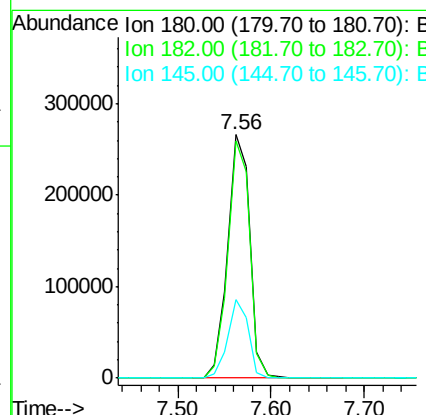
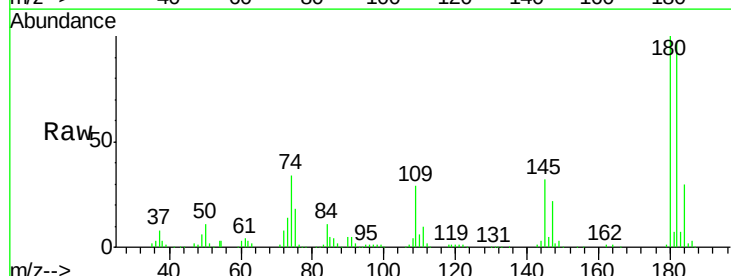
Manual Integrations
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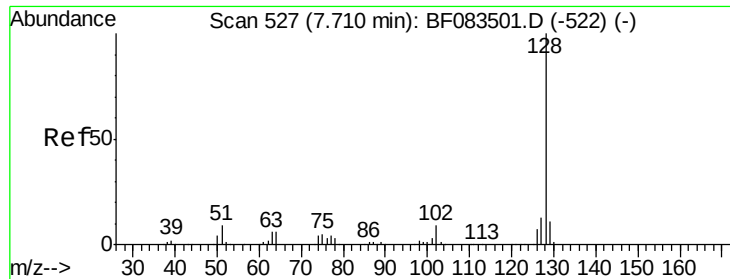
Mmdadoda
 12/7/2015 6:34:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.70 ng
 RT: 7.56 min Scan# 514
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion:	180	Resp:	438803
Ion Ratio	Lower	Upper	
180	100		
182	97.4	74.9	112.3
145	32.2	24.7	37.1





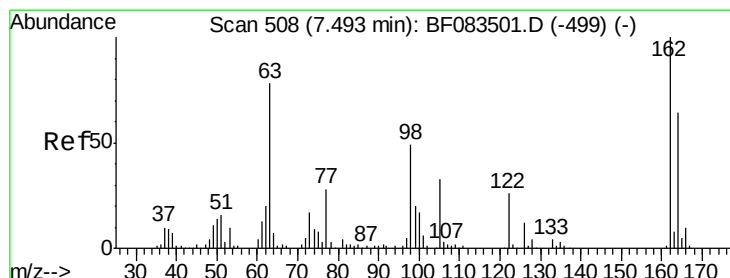
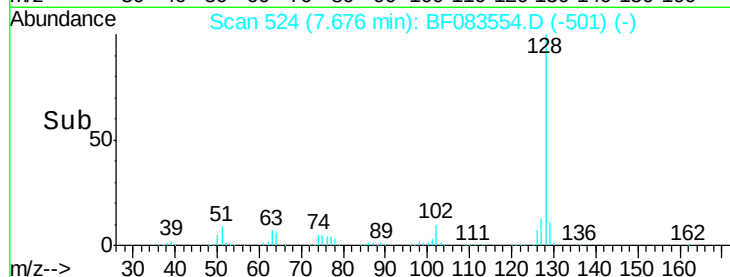
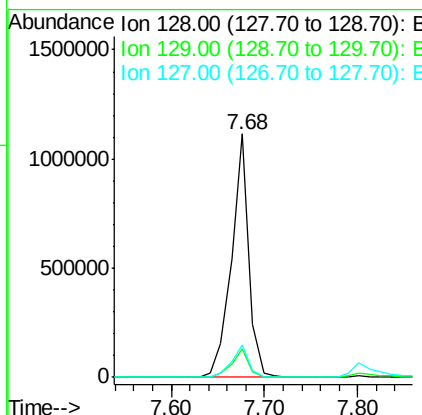
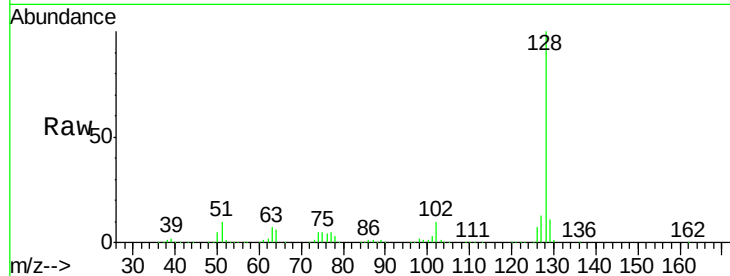
#31
Naphthalene
Concen: 46.31 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion:128 Resp: 1443152
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.2 10.6 16.0

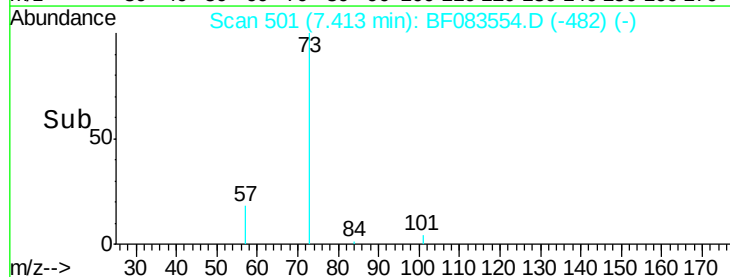
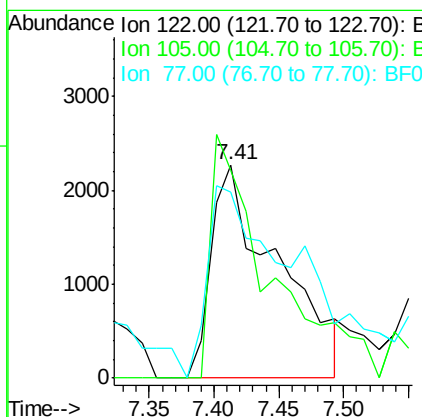
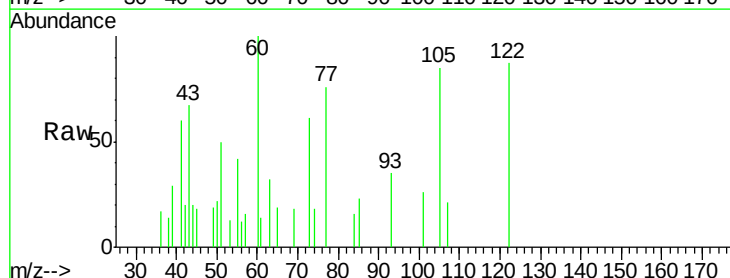
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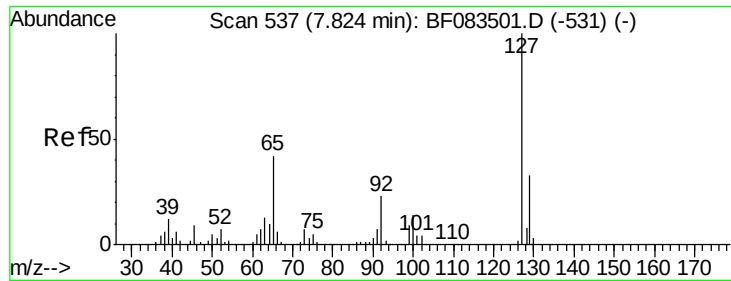
Mmdadoda
12/7/2015 6:34:37 PM



#32
Benzoic acid
Concen: 4.13 ng m
RT: 7.41 min Scan# 501
Delta R.T. -0.08 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:122 Resp: 8138
Ion Ratio Lower Upper
122 100
105 97.7 105.6 145.6#
77 87.3 86.8 126.8





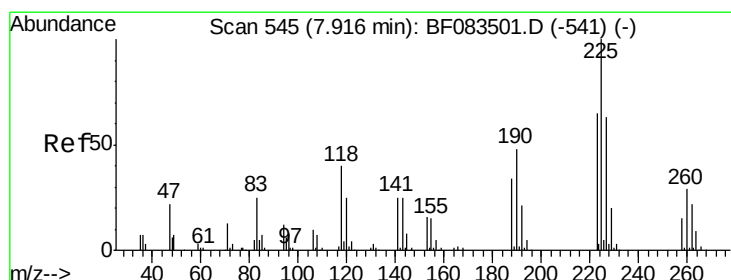
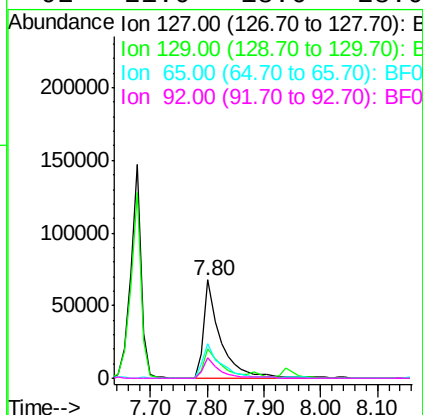
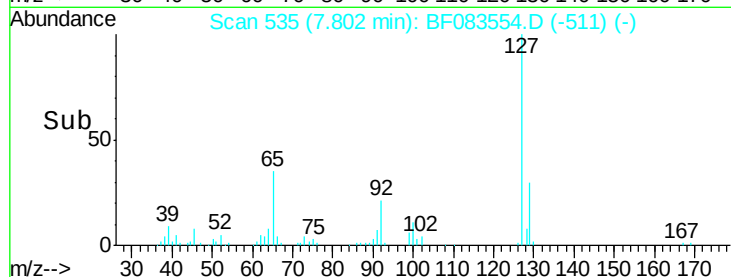
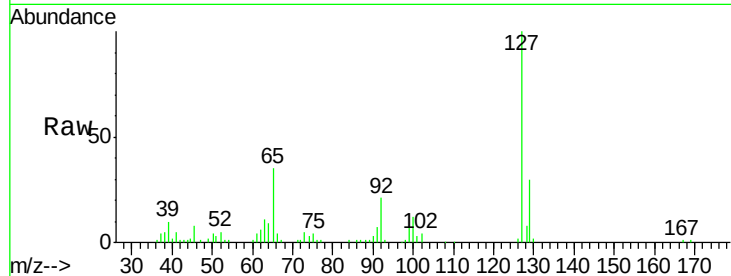
#33
4-Chloroaniline
Concen: 11.32 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.9	26.1	39.1		
65	35.0	33.5	50.3		
92	21.0	18.6	28.0		

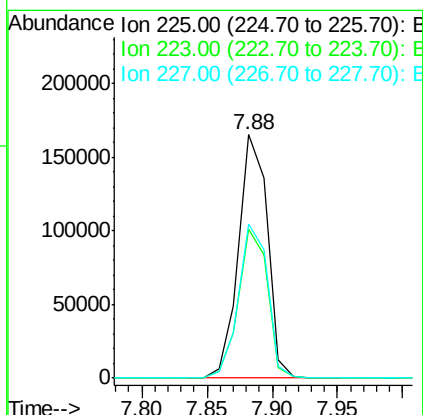
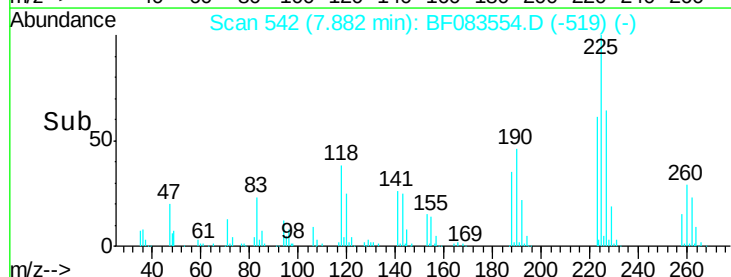
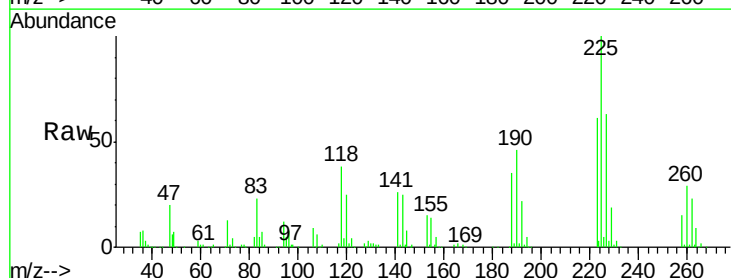
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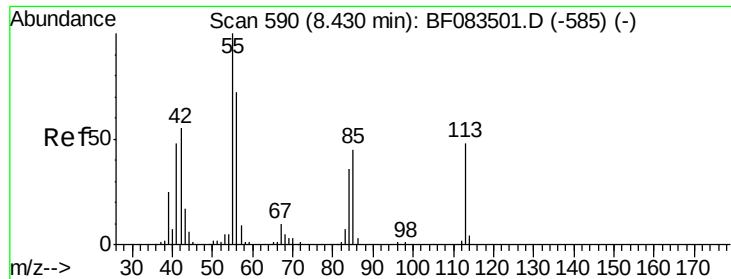
Mmdadoda
12/7/2015 6:34:37 PM



#34
Hexachlorobutadiene
Concen: 44.90 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	52.3	78.5		
227	63.4	50.4	75.6		





#35

Caprolactam

Concen: 46.69 ng/ml

RT: 8.41 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

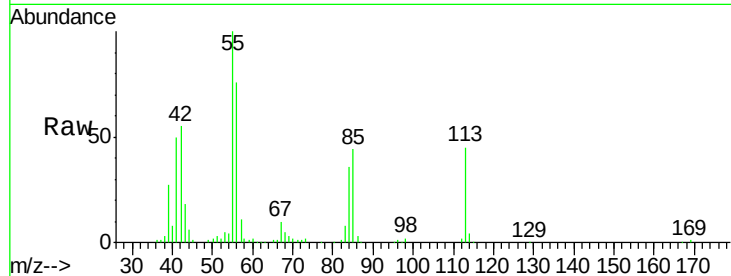
ClientSampleId :

K207-64-65MS

Tot Ion:	113	Resp:	128955
Ion Ratio	Lower	Upper	
113	100		
55	223.7	189.7	229.7
56	169.3	130.7	170.7

Manual Integrations
APPROVED

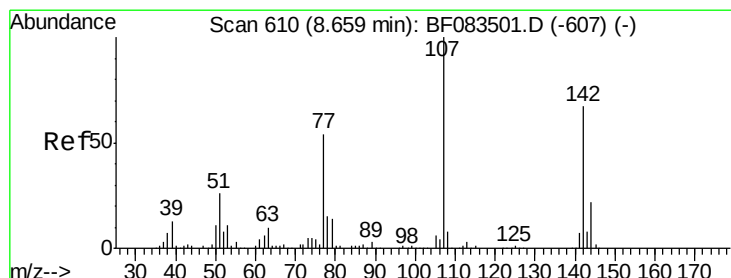
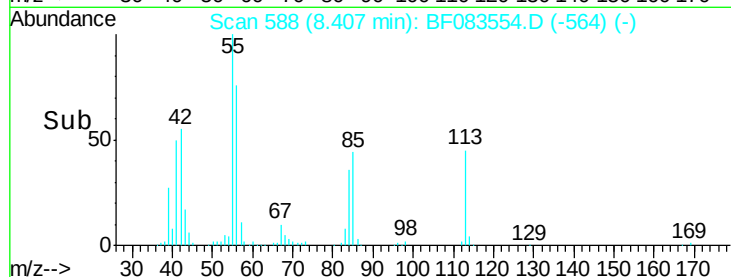
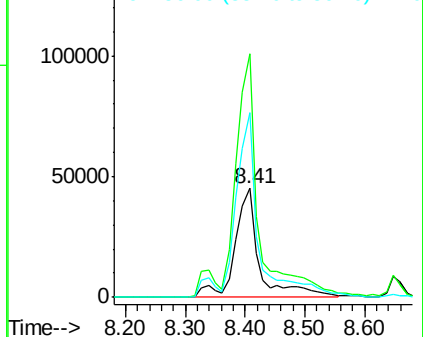
Mmdadoda
12/7/2015 6:34:37 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.36 ng/ml

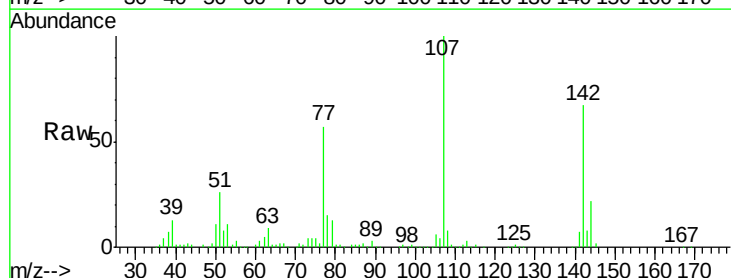
RT: 8.65 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

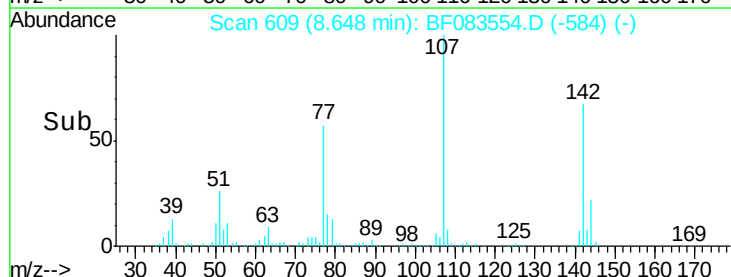
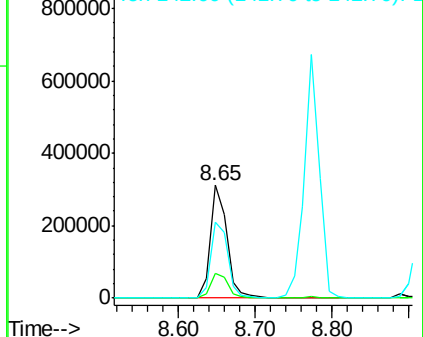
Tgt Ion:	107	Resp:	462855
Ion Ratio	Lower	Upper	
107	100		
144	22.1	17.5	26.3
142	67.2	53.6	80.4

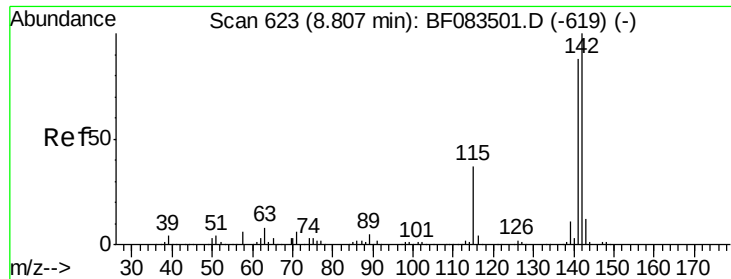


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





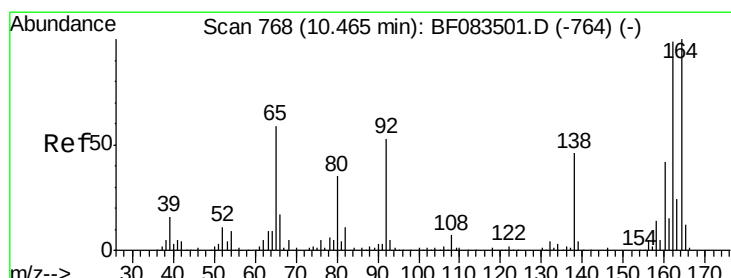
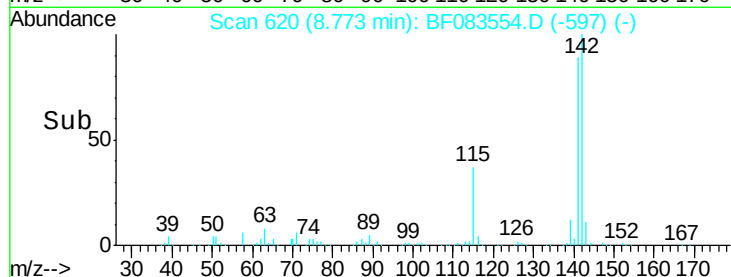
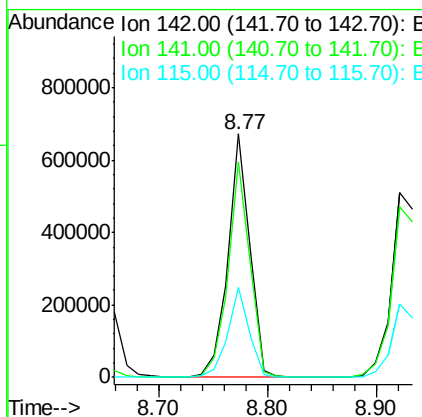
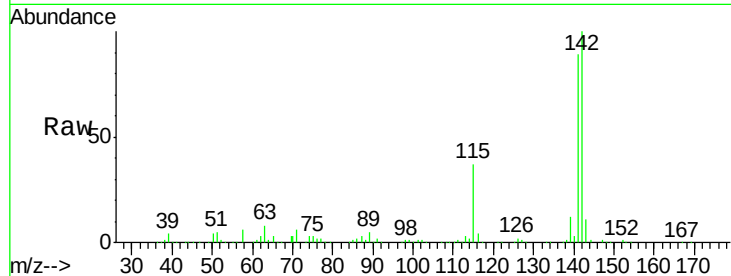
#37
2-Methylnaphthalene
Concen: 48.08 ng
RT: 8.77 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	37.2	29.2	43.8

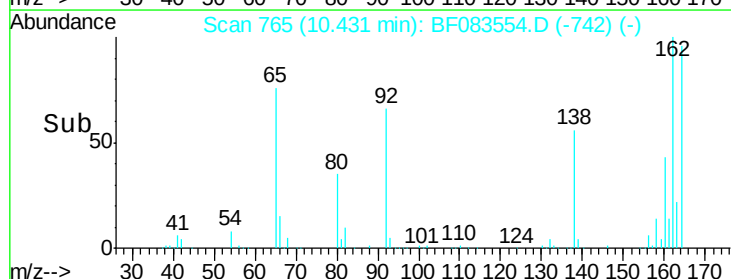
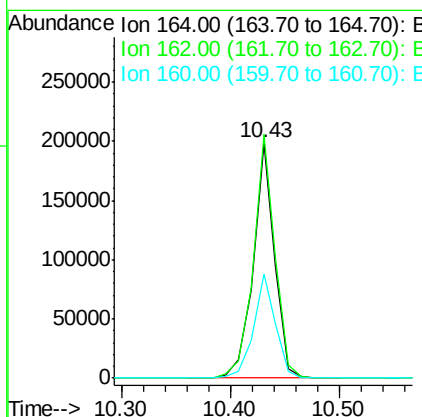
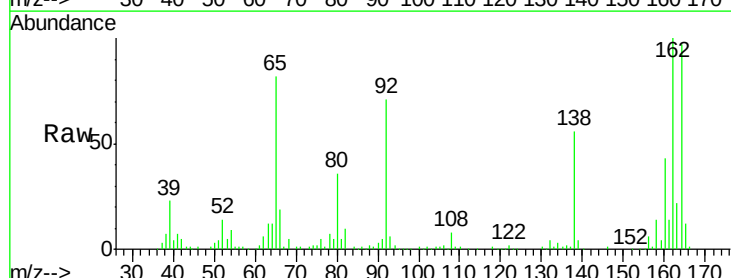
Manual Integrations
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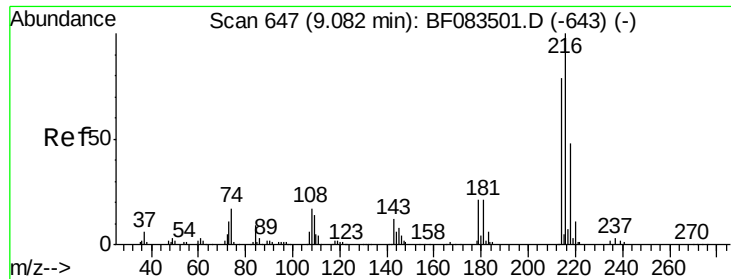
Mmdadoda
12/7/2015 6:34:37 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	44.1	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.29 ng

RT: 9.05 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

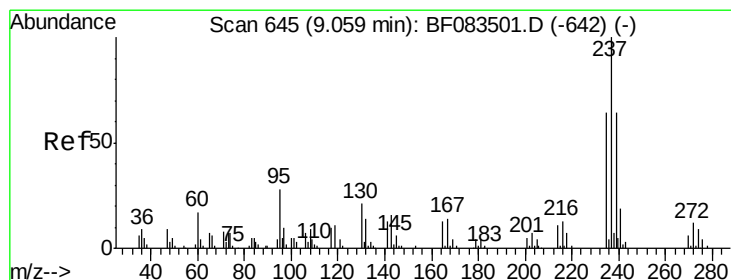
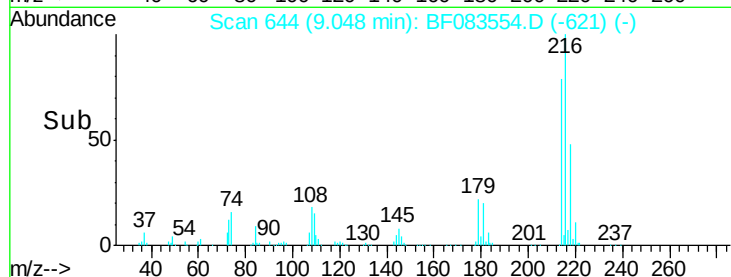
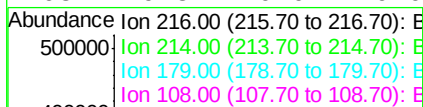
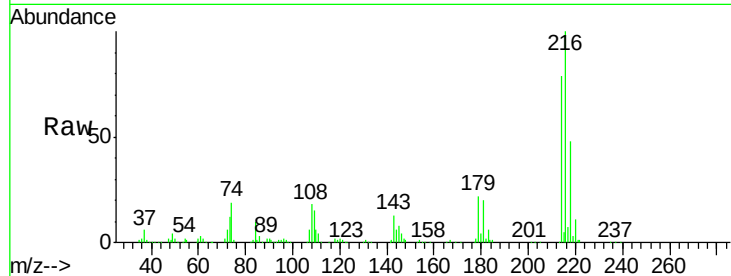
ClientSampleId :

K207-64-65MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		411122		
214	79.3	0.0	0.0#		
179	21.7	0.0	0.0#		
108	19.3	0.0	0.0#		

Manual Integrations
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Mmdadoda
12/7/2015 6:34:37 PM



#40

Hexachlorocyclopentadiene

Concen: 17.37 ng

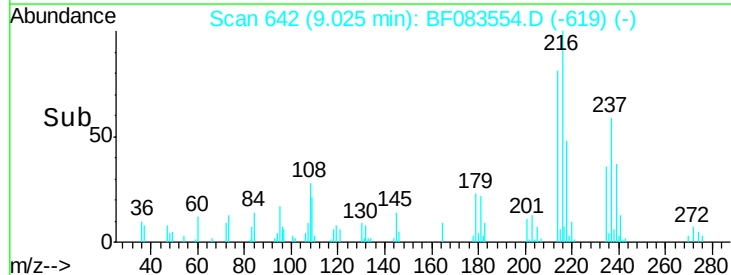
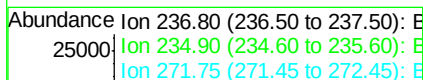
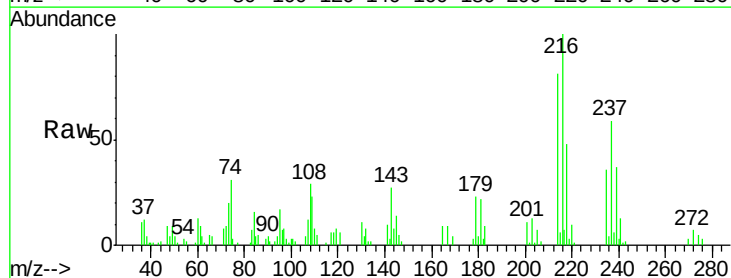
RT: 9.02 min Scan# 642

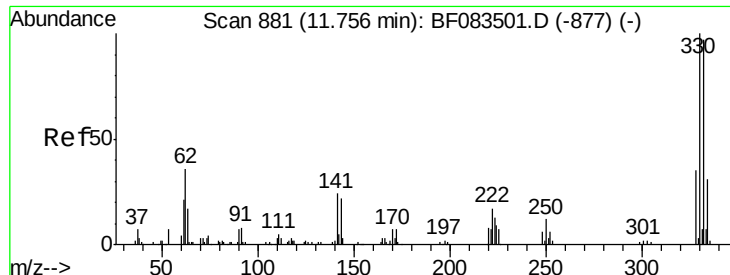
Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		28018		
235	61.5	43.9	83.9		
272	12.0	0.0	31.8		





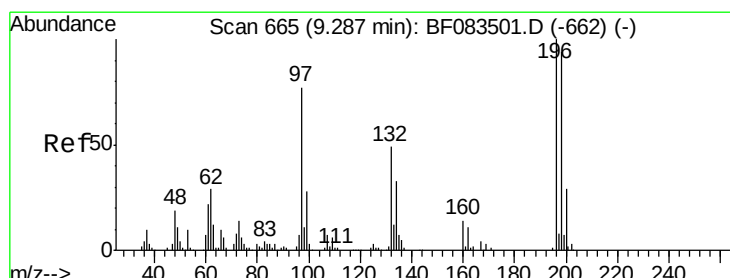
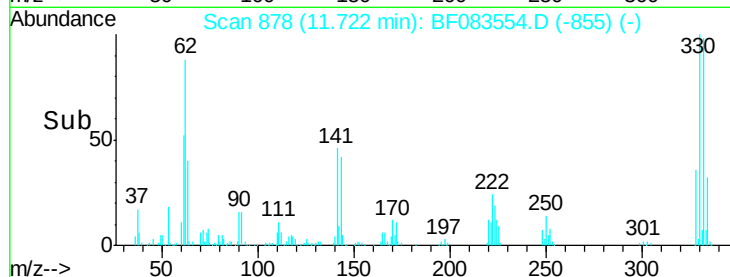
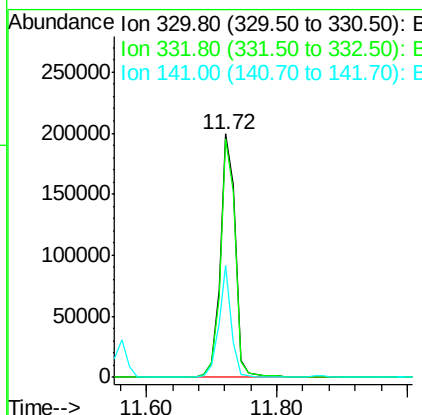
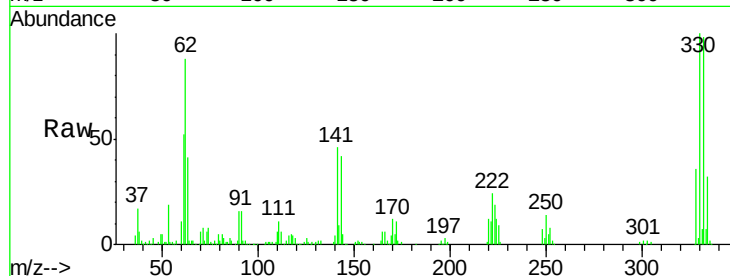
#41
 2,4,6-Tribromophenol
 Concen: 129.67 ng
 RT: 11.72 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	323084		
332	95.8	0.0	0.0	0.0
141	38.9	0.0	0.0	0.0

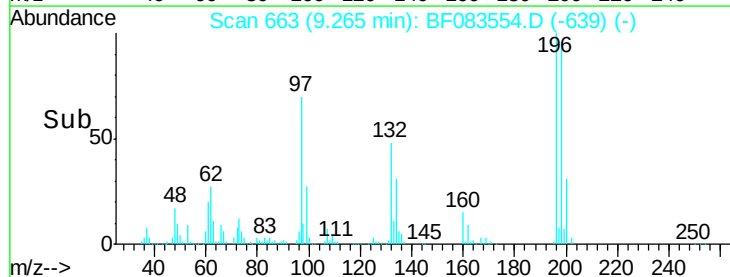
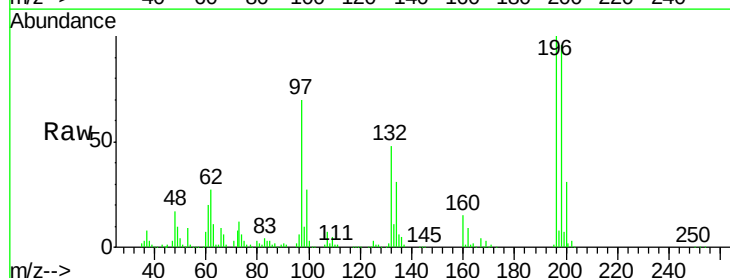
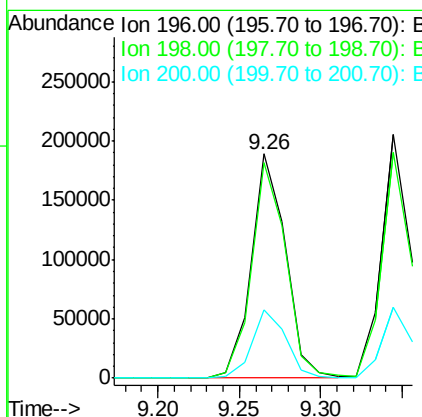
Manual Integrations
 APPROVED

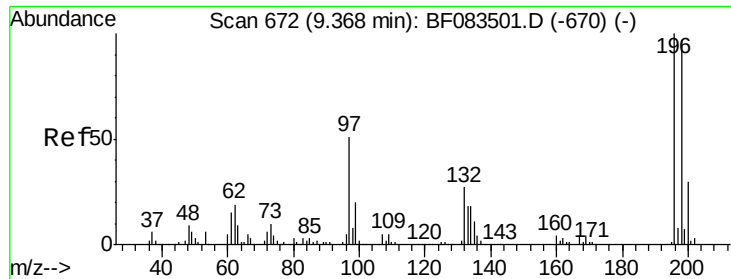
Mmdadoda
 12/7/2015 6:34:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.51 ng
 RT: 9.26 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	276103		
198	96.3	75.2	112.8	
200	30.5	23.0	34.6	





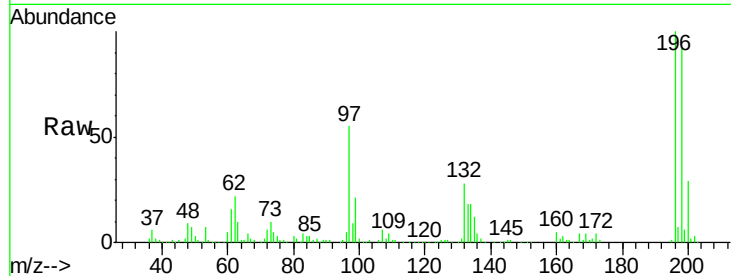
#43
 2,4,5-Trichlorophenol
 Concen: 49.13 ng
 RT: 9.34 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

Tot Ion:	196	Resp:	282209
Ion Ratio	Lower	Upper	
196	100		
198	92.6	77.7	116.5
97	55.2	41.2	61.8
132	28.3	21.8	32.8

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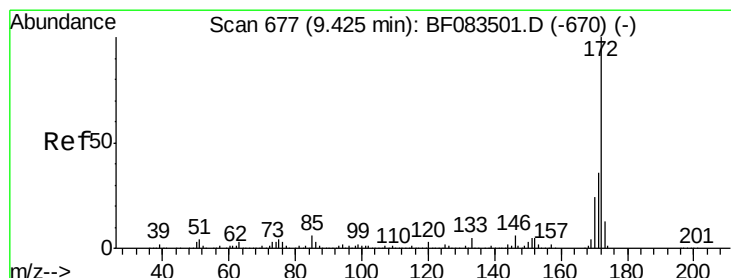
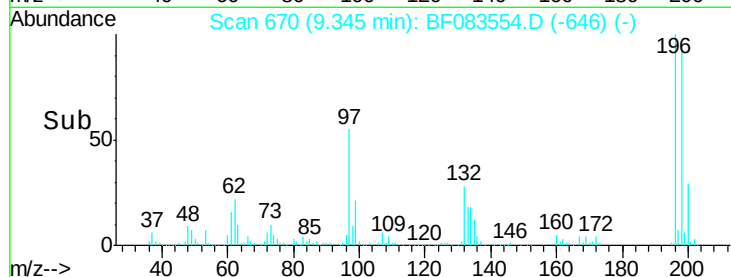
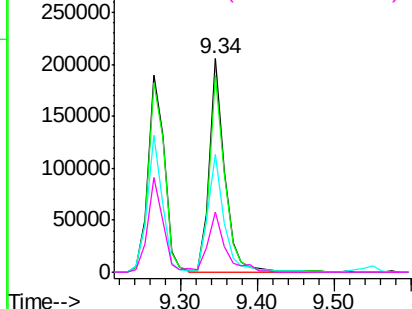
Abundance

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: 91.45 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

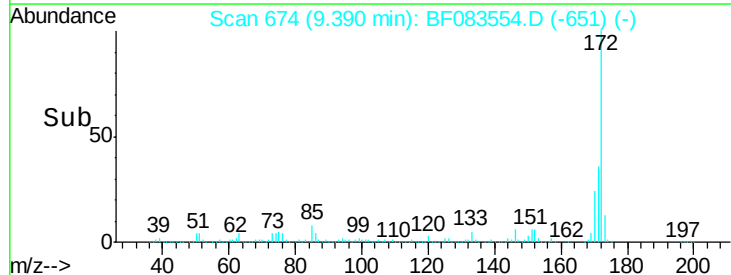
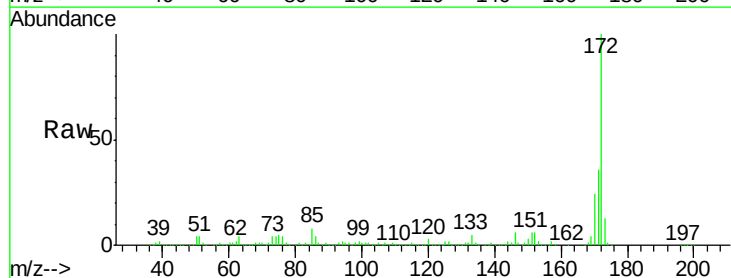
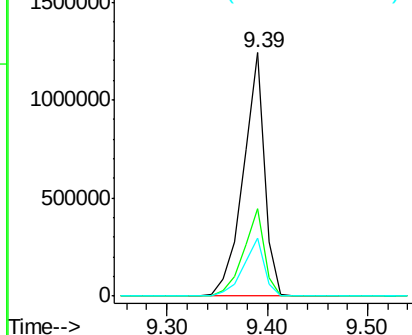
Tgt Ion:	172	Resp:	1821127
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	42.8
170	24.0	19.4	29.0

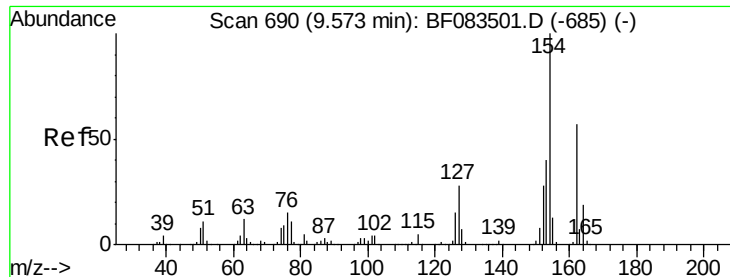
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.93 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

K207-64-65MS

Tot Ion:154 Resp: 1078403

Ion Ratio Lower Upper

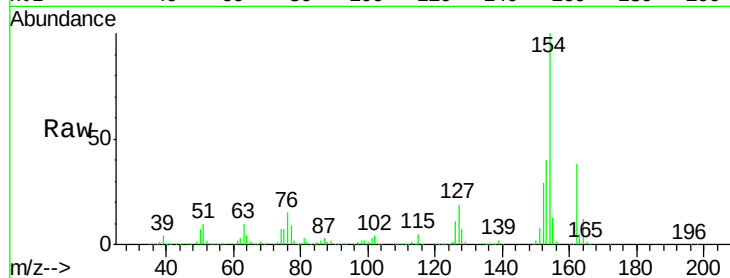
154 100

153 39.6 20.2 60.2

76 15.1 0.0 34.8

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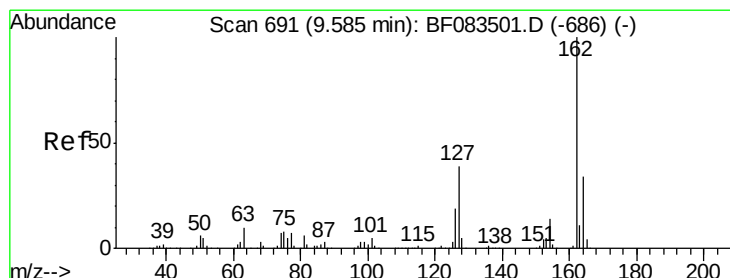
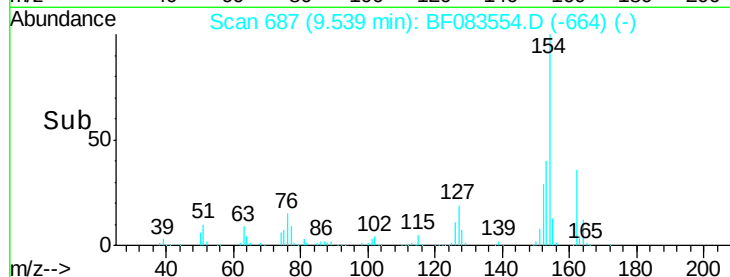
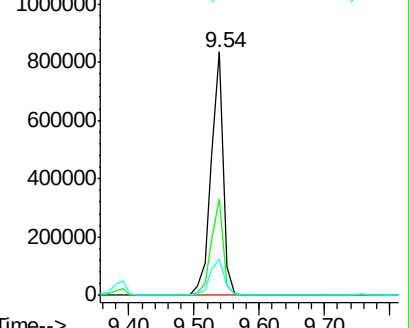
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.47 ng

RT: 9.55 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

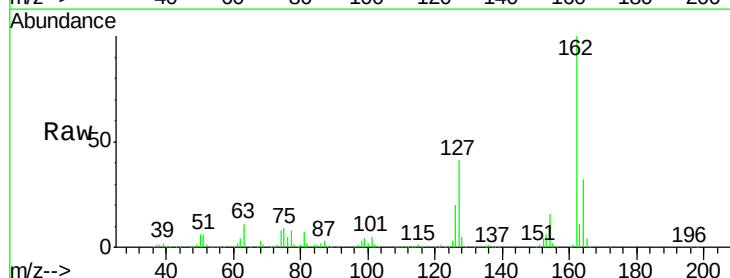
Tgt Ion:162 Resp: 840450

Ion Ratio Lower Upper

162 100

127 41.0 31.0 46.4

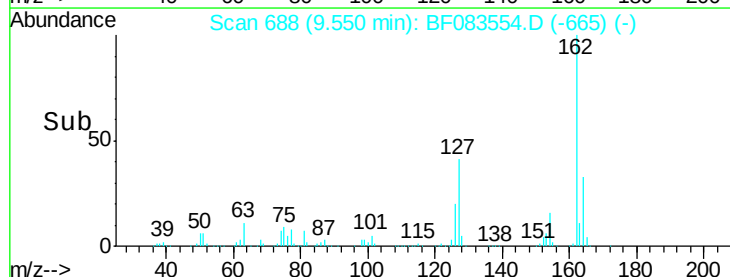
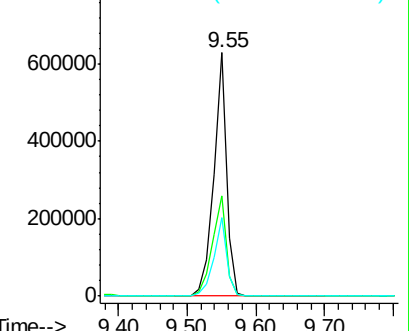
164 32.5 27.4 41.0

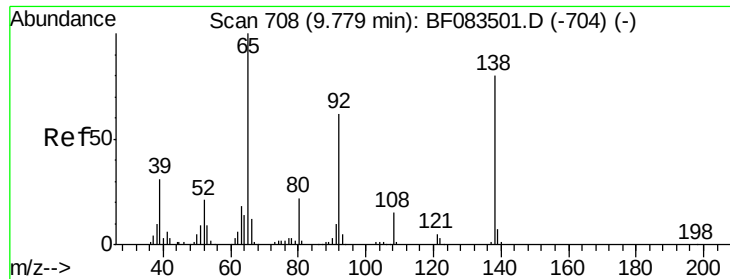


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





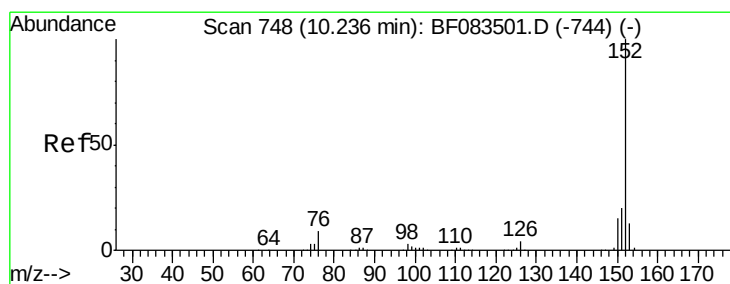
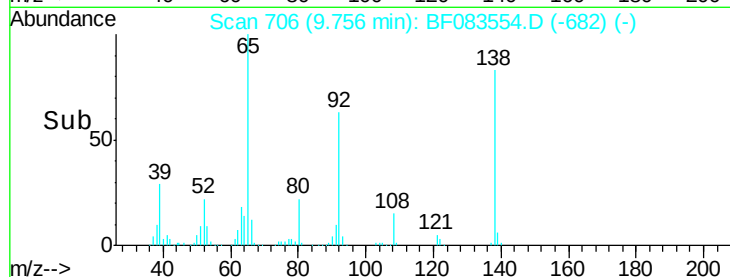
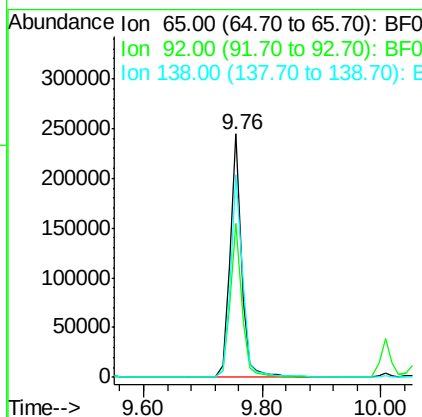
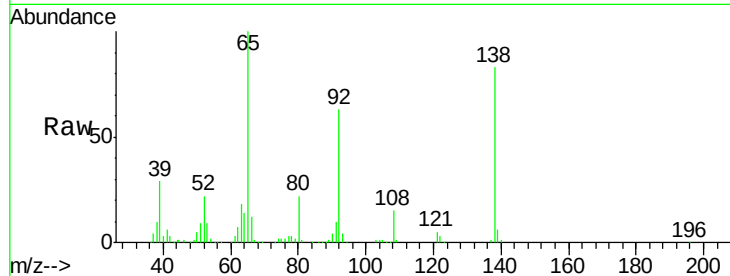
#47
2-Nitroaniline
Concen: 51.29 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.2	49.6	74.4
138	83.2	64.1	96.1

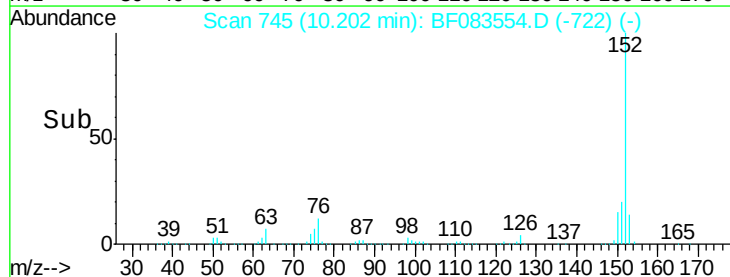
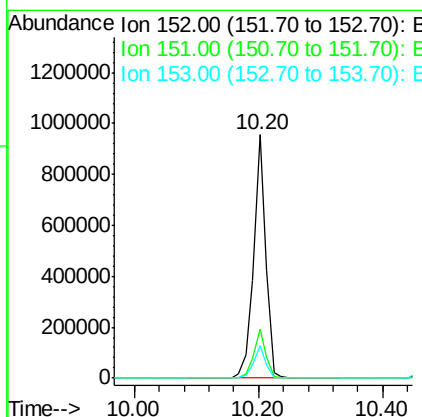
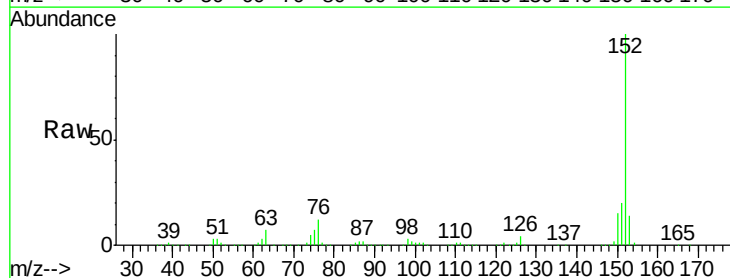
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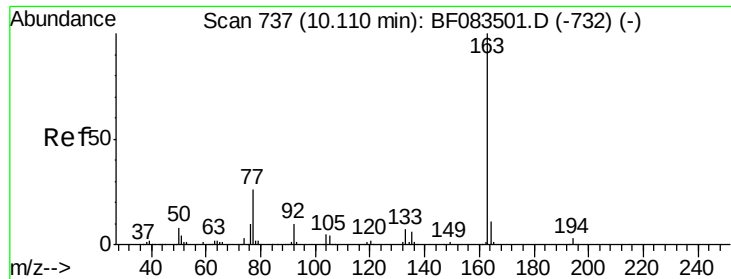
Mmdadoda
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#48
Acenaphthylene
Concen: 44.46 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.6	10.8	16.2





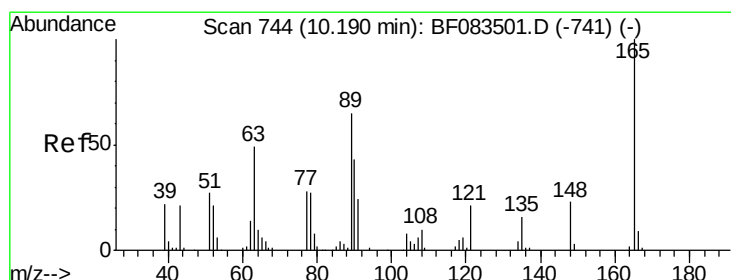
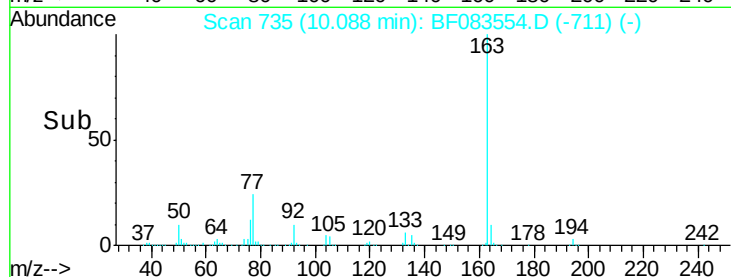
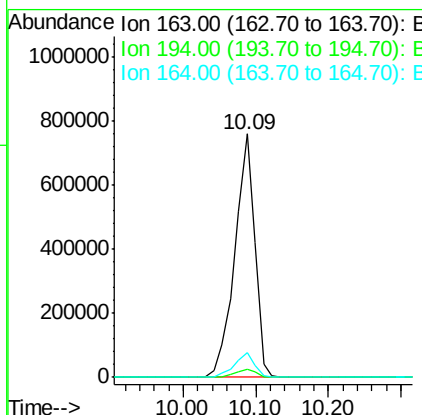
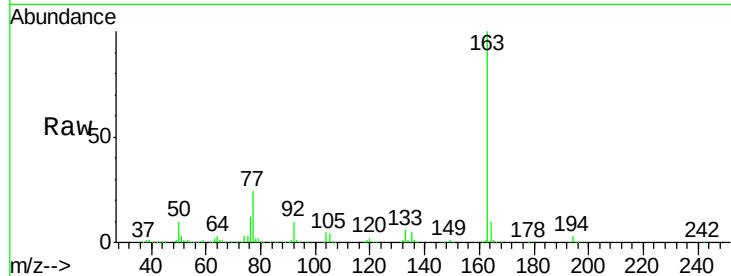
#49
Dimethylphthalate
Concen: 68.19 ng
RT: 10.09 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion:163 Resp: 1449645
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.6 13.0

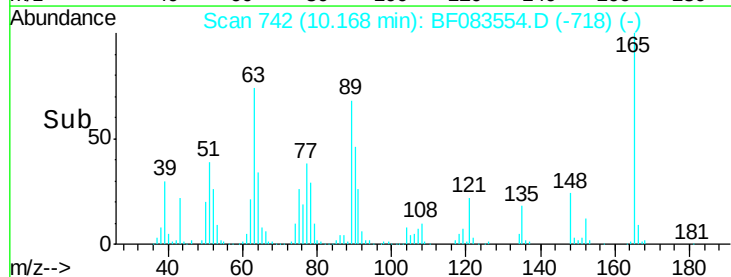
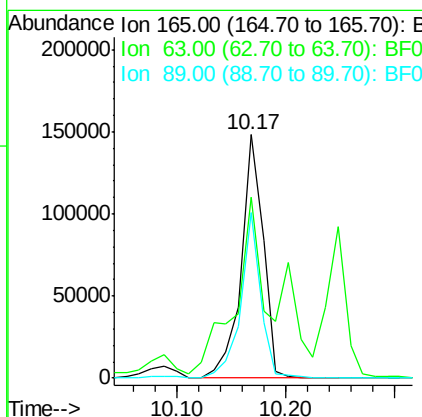
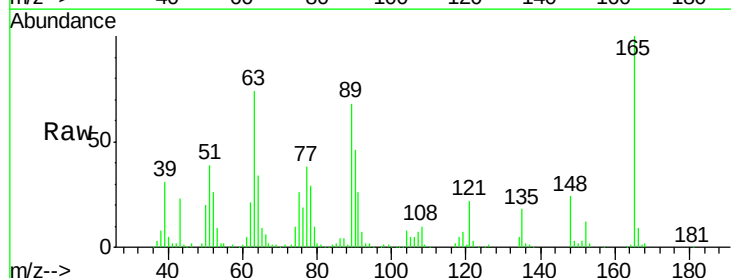
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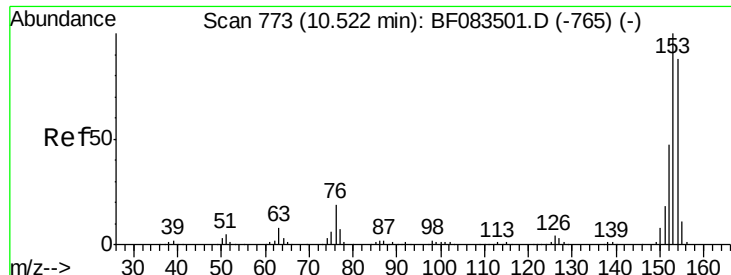
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#50
2,6-Dinitrotoluene
Concen: 46.31 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion:165 Resp: 207301
Ion Ratio Lower Upper
165 100
63 74.2 56.9 85.3
89 68.2 52.1 78.1





#51

Acenaphthene

Concen: 45.92 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF083554.D

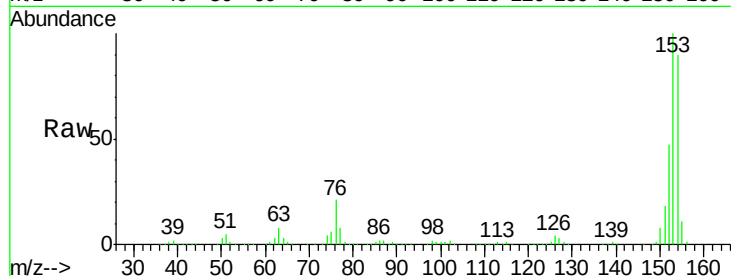
Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

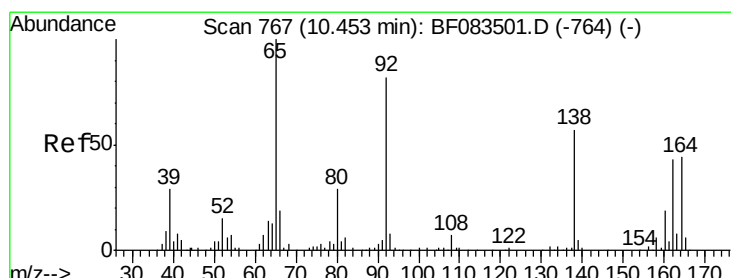
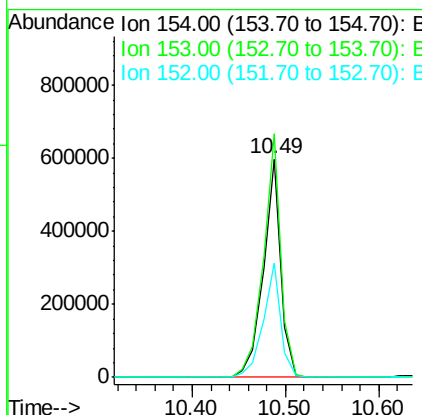
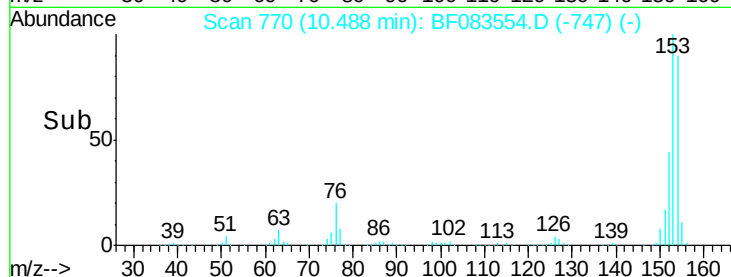
K207-64-65MS



Tot Ion:	154	Resp:	782634
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.4	137.0
152	52.6	43.4	65.2

Manual Integrations
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12/7/2015 6:34:37 PM



#52

3-Nitroaniline

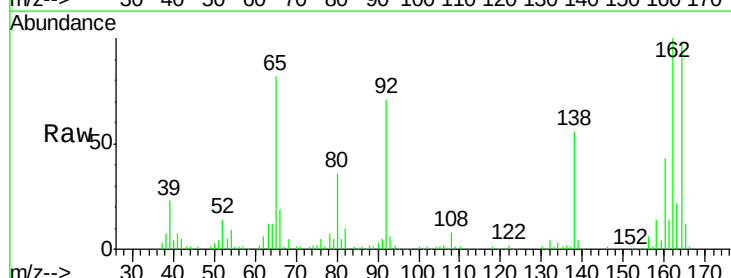
Concen: 31.67 ng

RT: 10.43 min Scan# 765

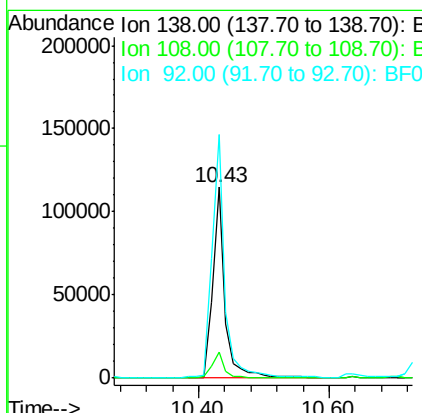
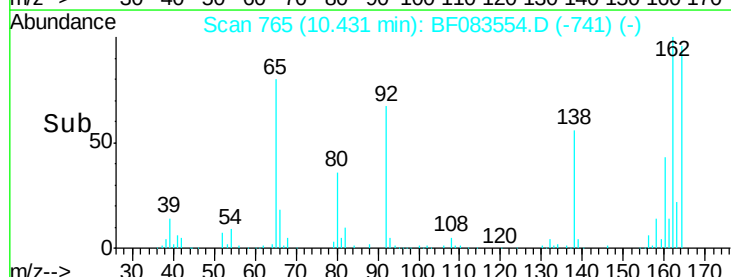
Delta R.T. -0.02 min

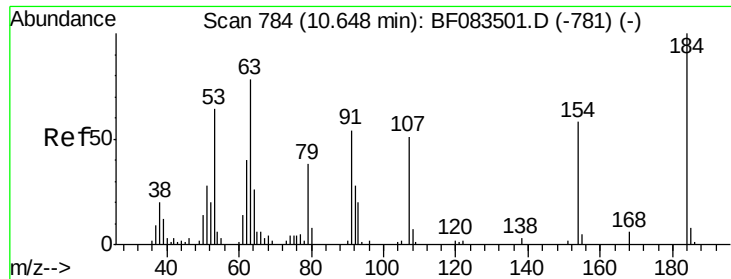
Lab File: BF083554.D

Acq: 7 Dec 2015 10:48



Tgt Ion:	138	Resp:	152850
Ion Ratio	Lower	Upper	
138	100		
108	13.5	9.9	14.9
92	127.5	113.8	170.8





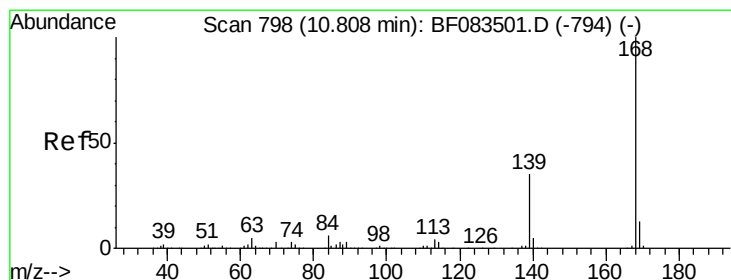
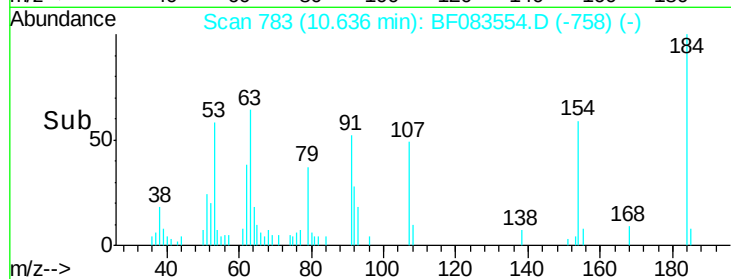
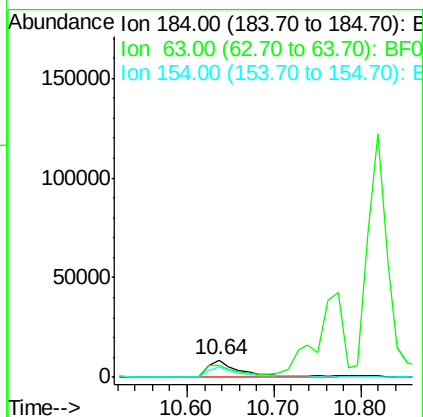
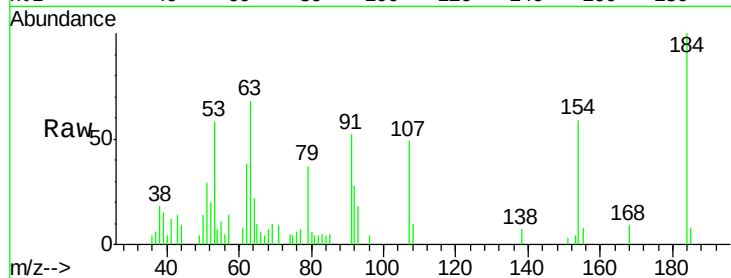
#53
 2,4-Dinitrophenol
 Concen: 17.09 ng
 RT: 10.64 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.3	62.4	93.6
154	59.1	46.6	69.8

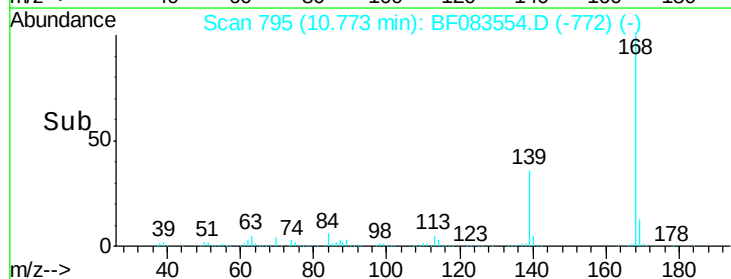
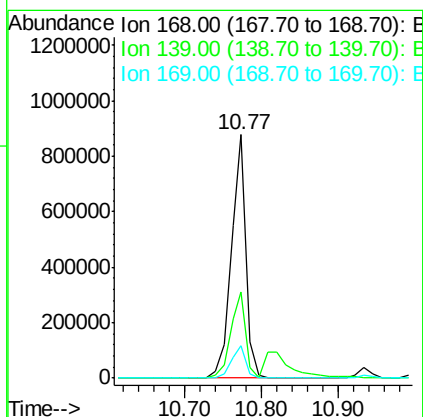
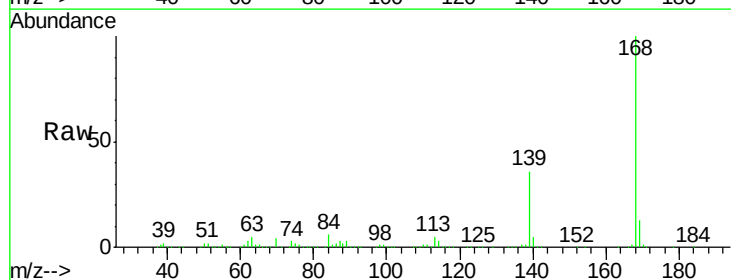
Manual Integrations
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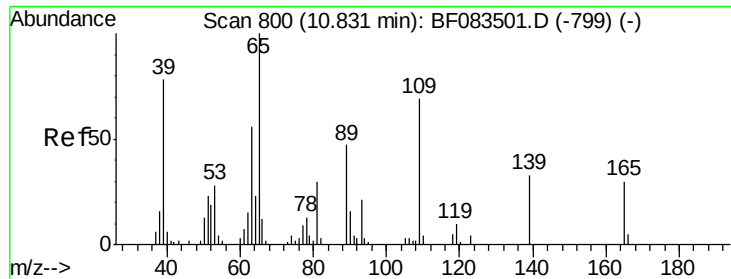
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 12/7/2015 6:34:37 PM



#54
 Dibenzofuran
 Concen: 50.19 ng
 RT: 10.77 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.0	42.0
169	13.3	10.8	16.2





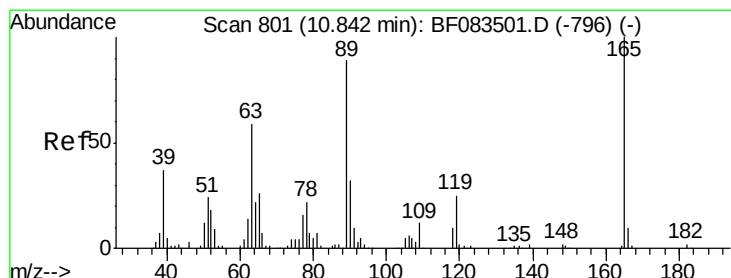
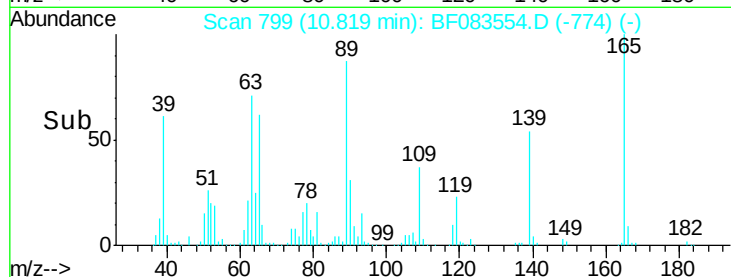
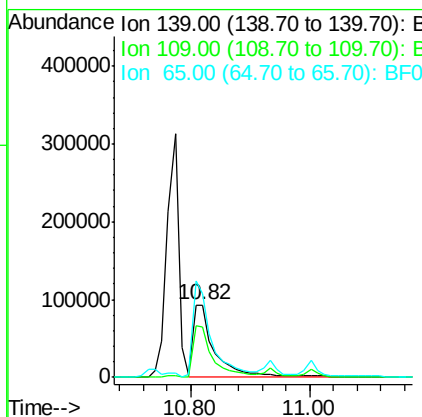
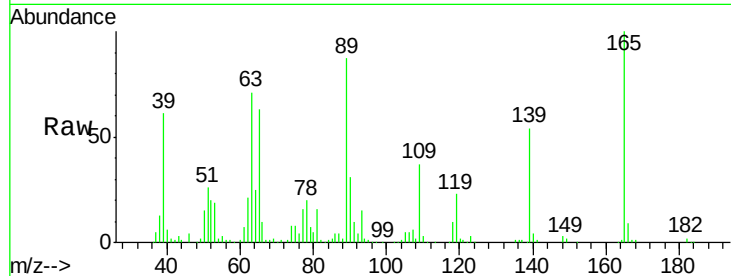
#55
4-Nitrophenol
Concen: 85.11 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	231349		
109	68.7	42.0	82.0	
65	115.6	89.2	129.2	

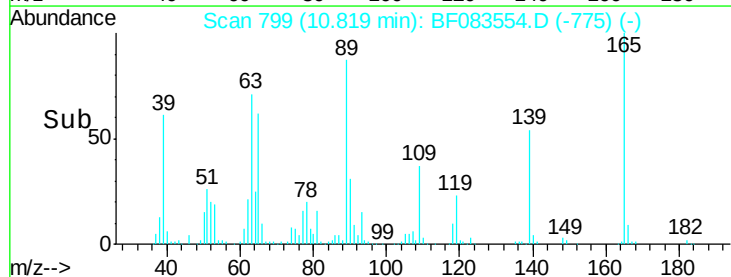
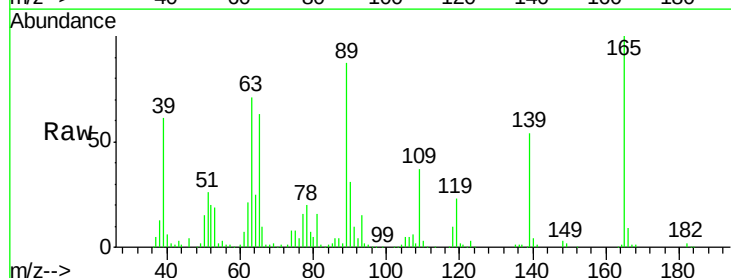
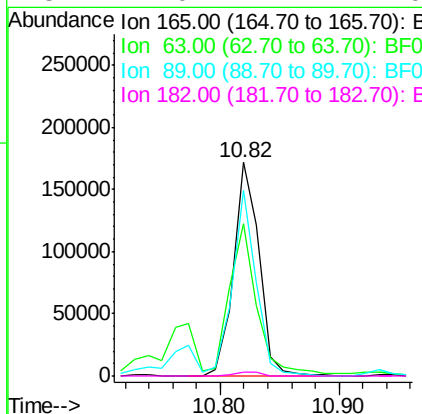
Manual Integrations
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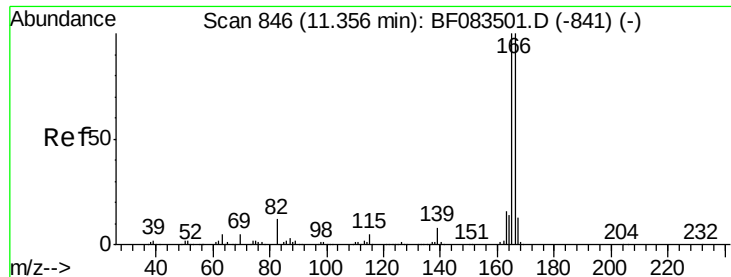
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#56
2,4-Dinitrotoluene
Concen: 44.00 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	257263		
63	71.1	51.4	77.2	
89	87.0	72.6	108.8	
182	2.0	1.4	2.0	





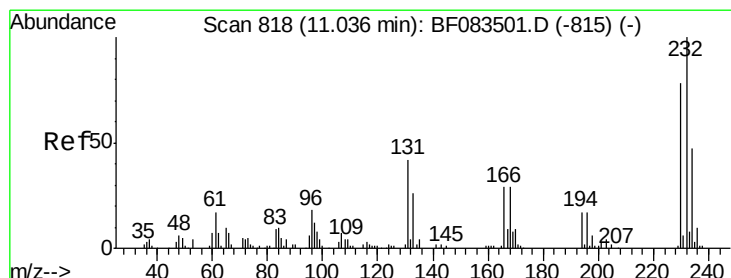
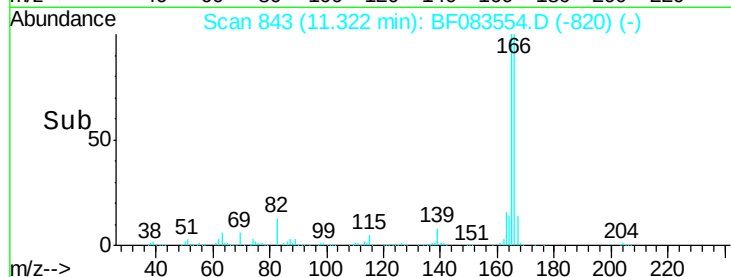
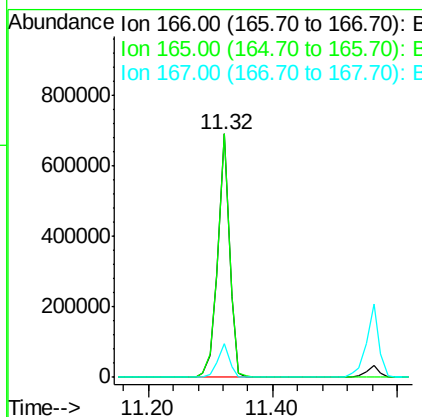
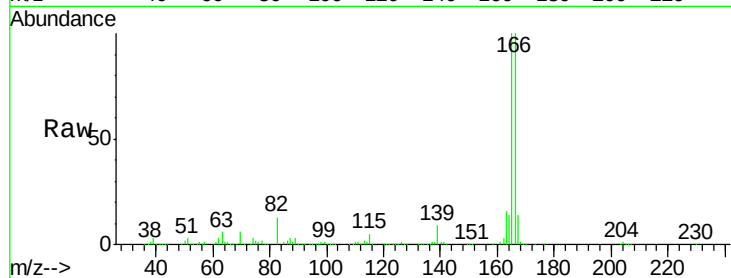
#57
Fluorene
Concen: 43.71 ng
RT: 11.32 min Scan# 843
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.0	120.0
167	13.6	10.6	16.0

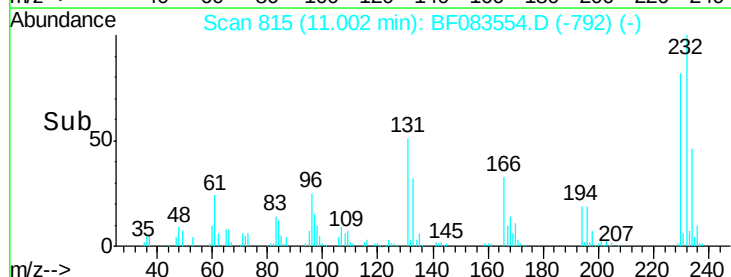
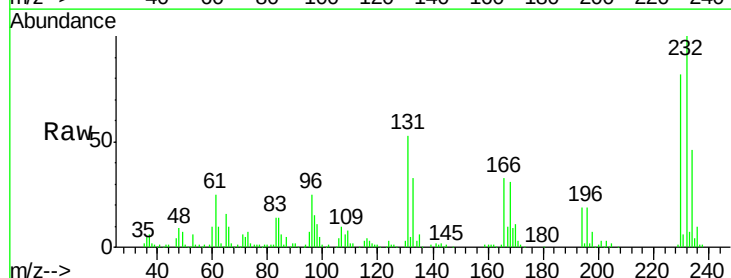
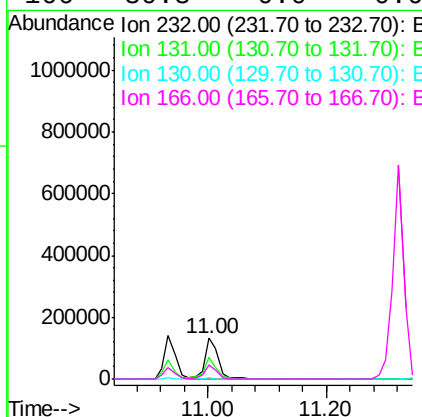
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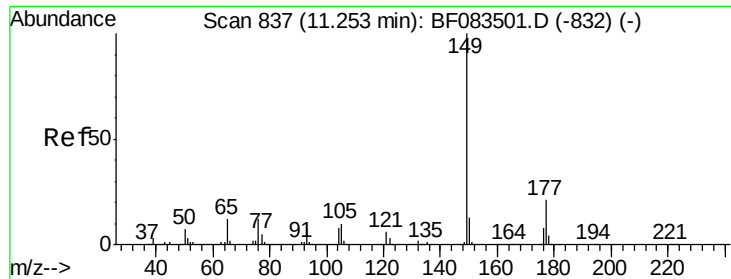
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12/7/2015 6:34:37 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.25 ng
RT: 11.00 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.9	0.0	0.0#
130	3.5	0.0	0.0#
166	30.3	0.0	0.0#





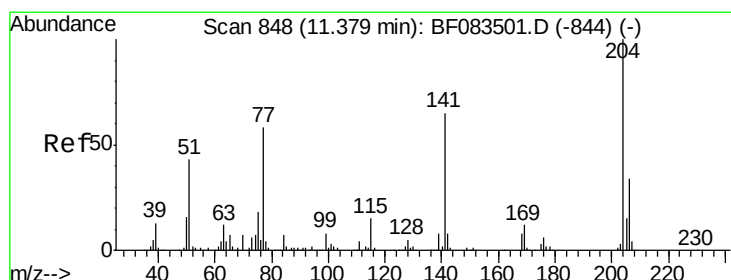
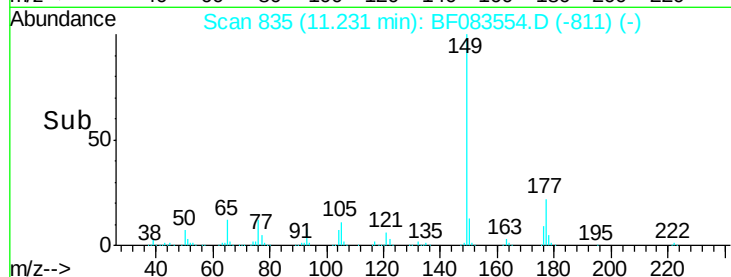
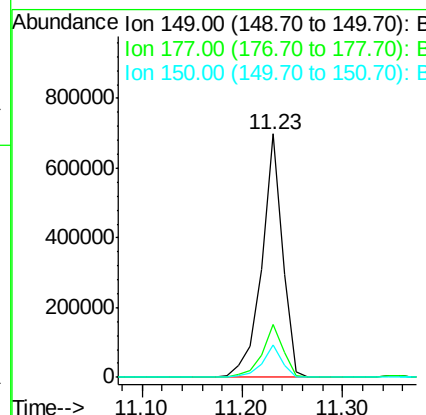
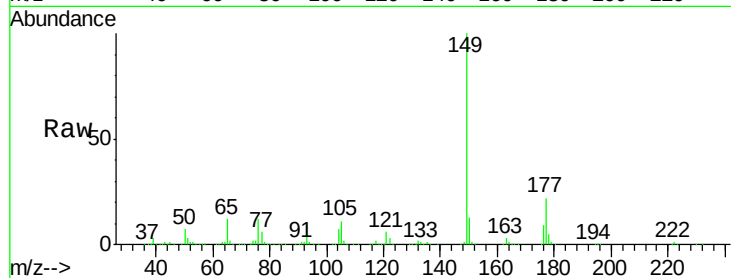
#59
Diethylphthalate
Concen: 48.71 ng
RT: 11.23 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	996566		
177	21.8	16.9	25.3	
150	13.2	10.2	15.4	

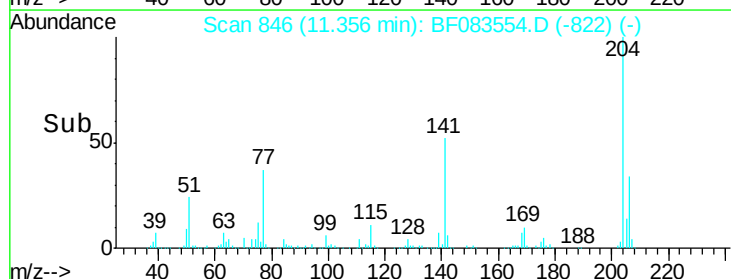
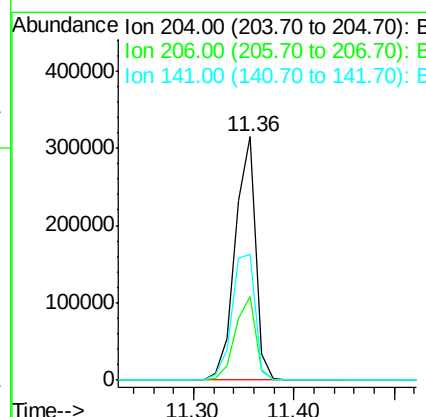
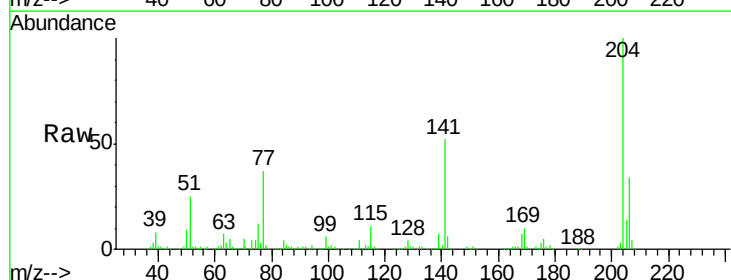
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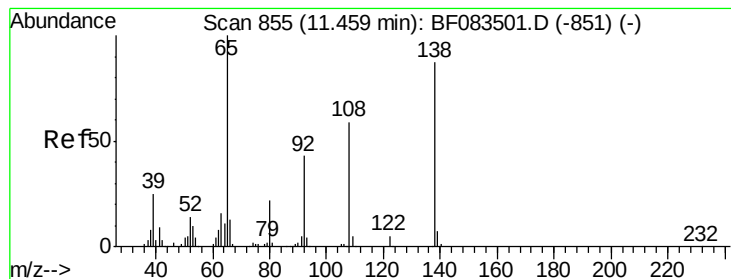
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#60
4-Chlorophenyl-phenylether
Concen: 45.09 ng
RT: 11.36 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	443816		
206	34.5	27.3	40.9	
141	51.7	51.9	77.9#	





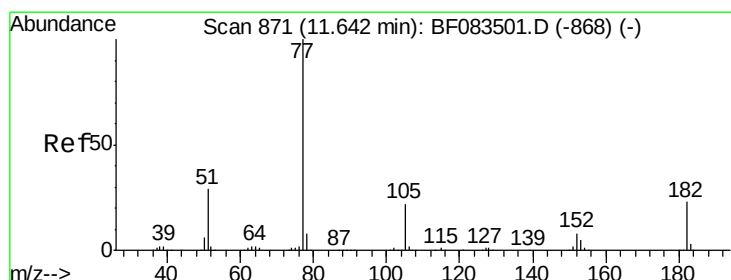
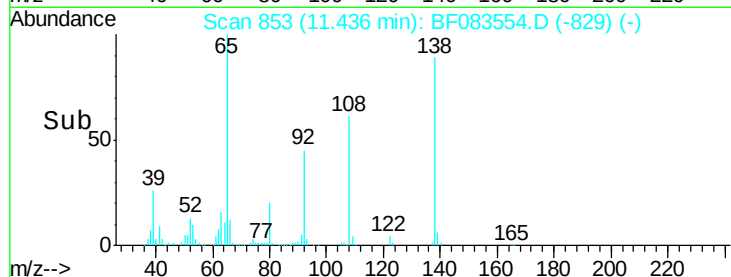
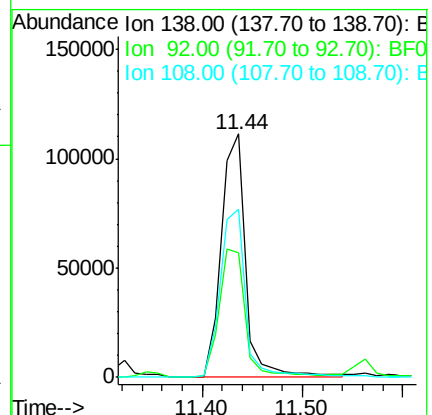
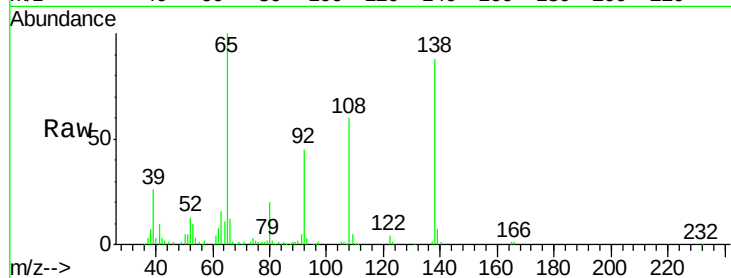
#61
4-Nitroaniline
Concen: 43.02 ng
RT: 11.44 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.3	29.0	69.0
108	68.9	47.4	87.4

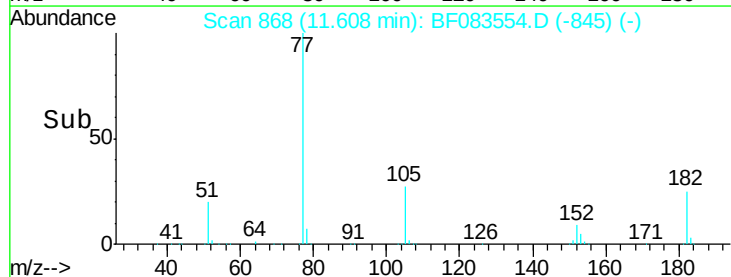
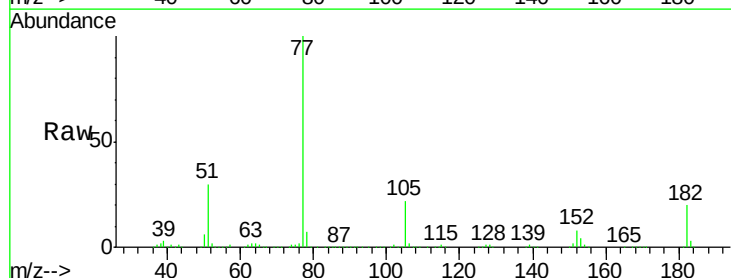
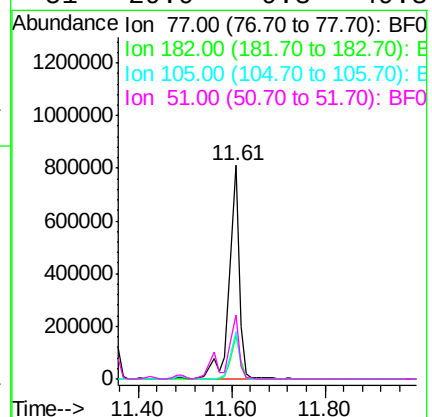
Manual Integrations
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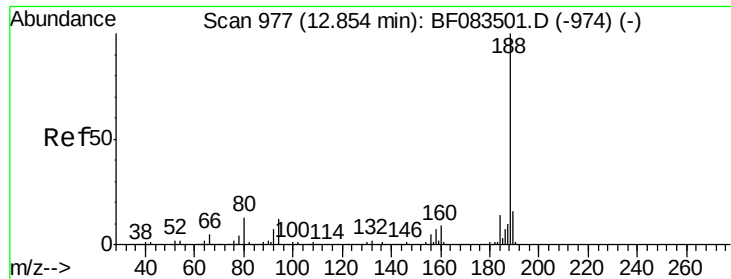
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#62
Azobenzene
Concen: 53.30 ng
RT: 11.61 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.1	2.5	42.5
105	21.9	2.1	42.1
51	29.9	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.82 min Scan# 974

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

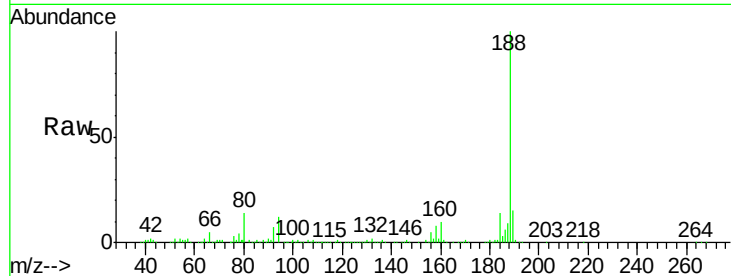
ClientSampleId :

K207-64-65MS

Tot Ion:	188	Resp:	433194
Ion Ratio	Lower	Upper	
188	100		
94	11.6	9.4	14.2
80	14.2	10.6	16.0

Manual Integrations
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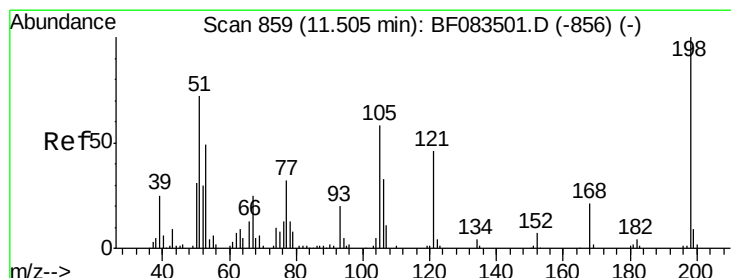
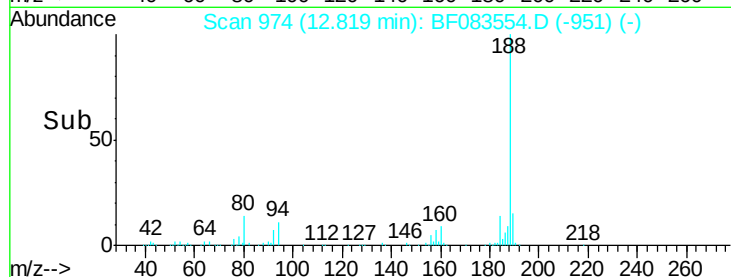
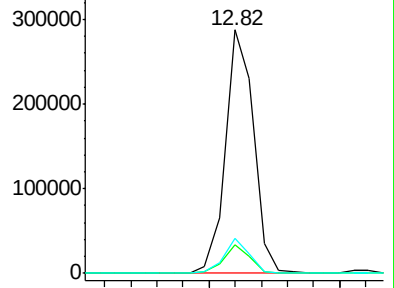
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 16.18 ng

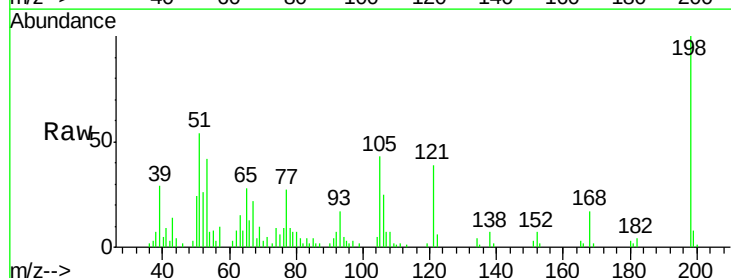
RT: 11.49 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

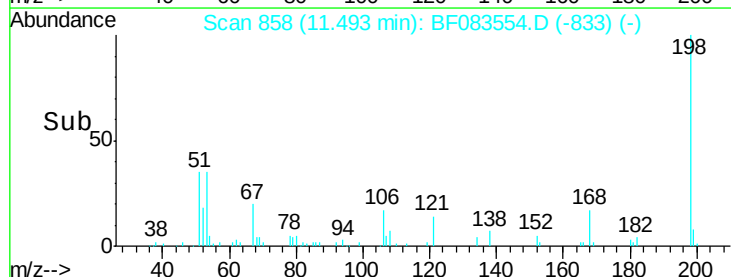
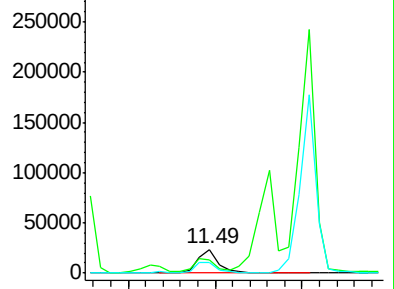
Tgt Ion:	198	Resp:	40026
Ion Ratio	Lower	Upper	
198	100		
51	54.2	53.8	93.8
105	43.3	38.6	78.6

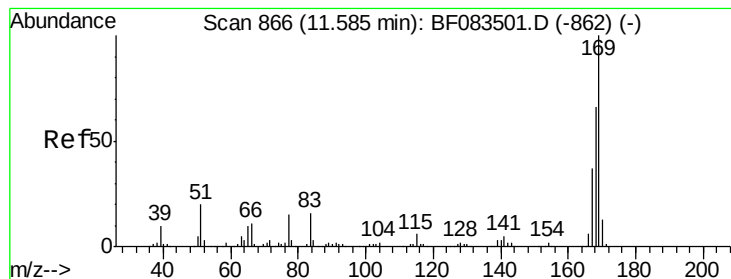


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





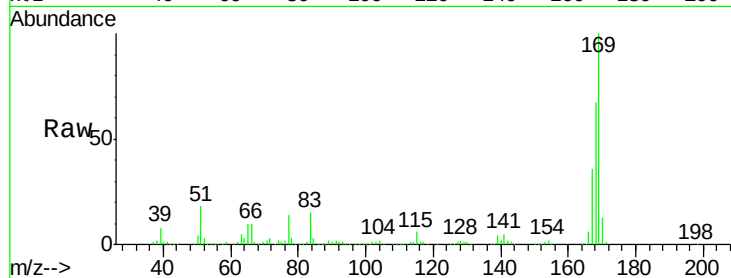
#65
 n-Nitrosodiphenylamine
 Concen: 54.66 ng
 RT: 11.56 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

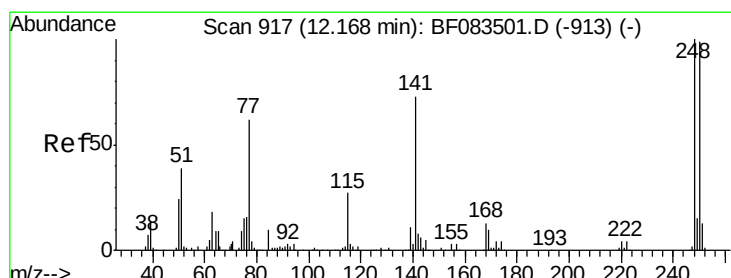
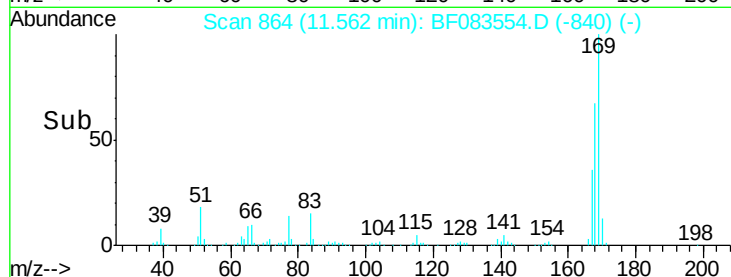
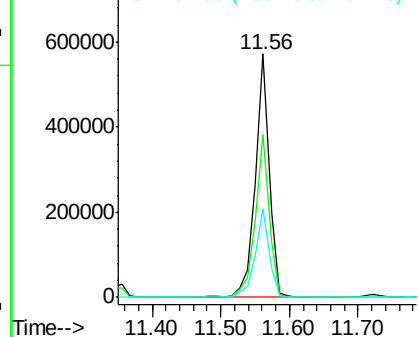
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		783934		
168	67.1	53.0	79.6		
167	36.5	29.3	43.9		

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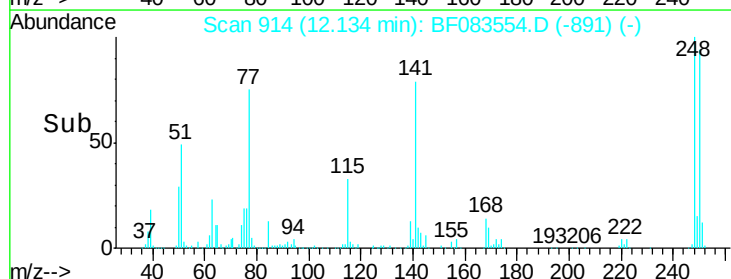
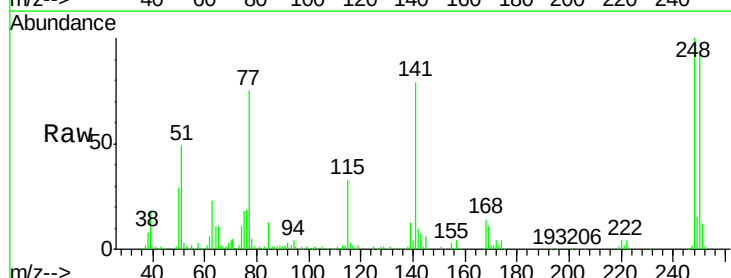
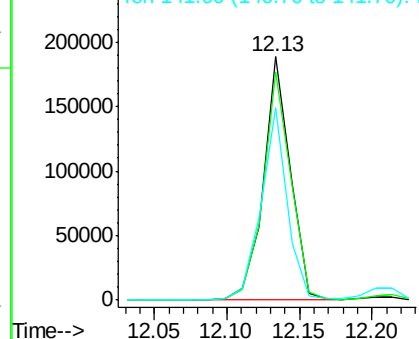
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

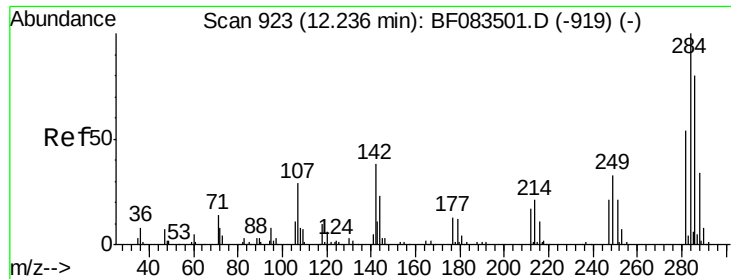


#66
 4-Bromophenyl-phenylether
 Concen: 51.17 ng
 RT: 12.13 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		242226		
250	93.9	79.2	118.8		
141	79.2	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





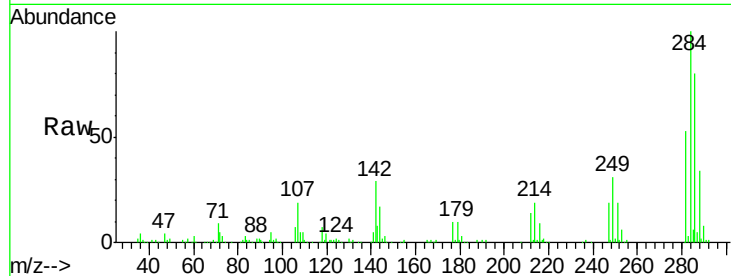
#67
Hexachlorobenzene
Concen: 49.65 ng
RT: 12.21 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

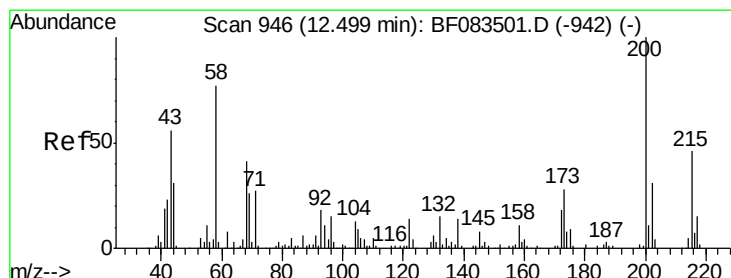
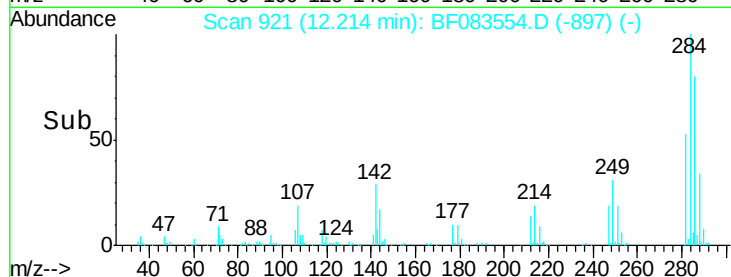
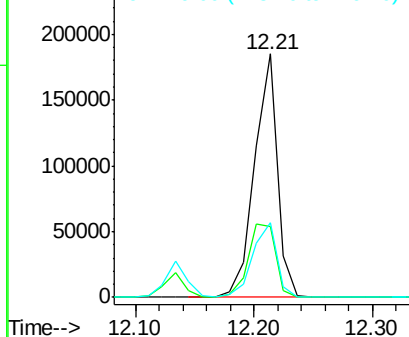
Tot Ion	Ratio	Resp	Lower	Upper
284	100	251231		
142	29.0	31.0	46.4	#
249	30.9	26.9	40.3	

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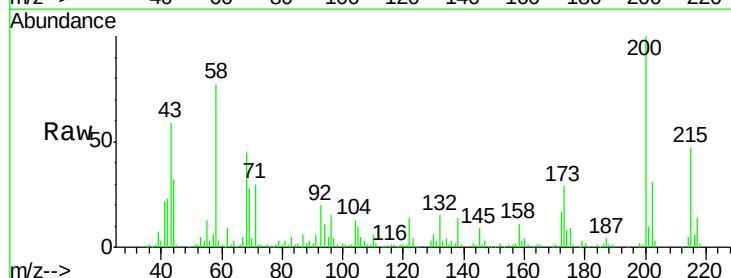


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

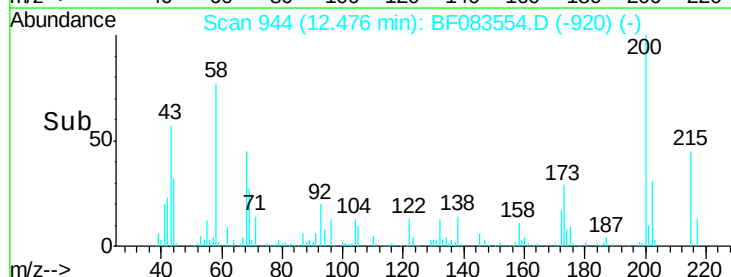
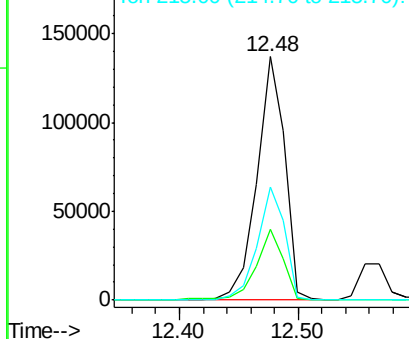


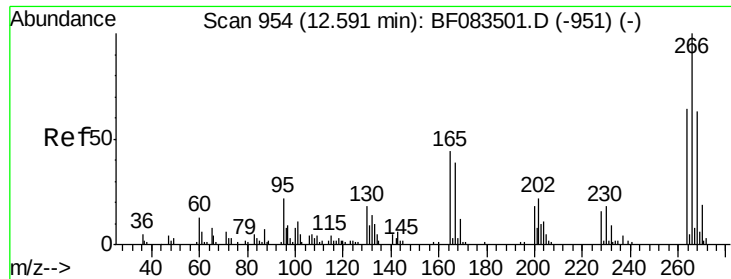
#68
Atrazine
Concen: 51.73 ng
RT: 12.48 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	224367		
173	28.9	7.8	47.8	
215	46.7	25.7	65.7	



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





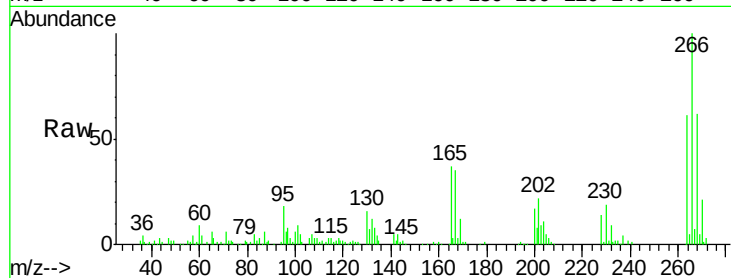
#69
 Pentachlorophenol
 Concen: 87.75 ng
 RT: 12.57 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	202877		
268	62.4	50.2	75.2	
264	61.5	51.4	77.2	

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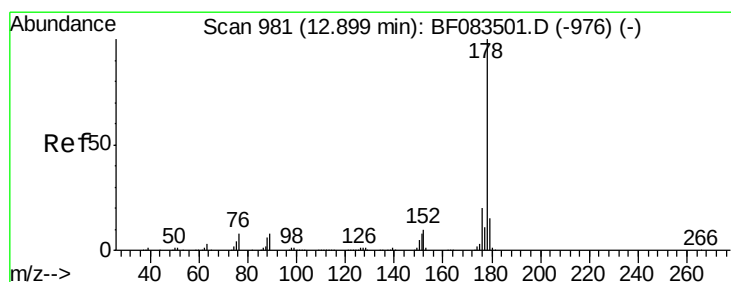
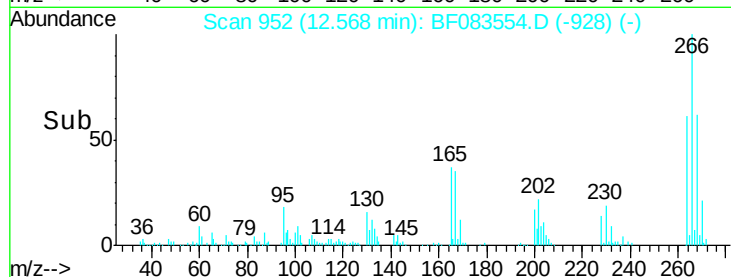
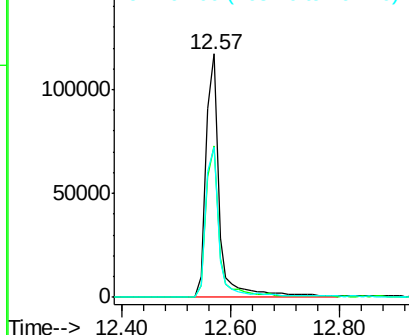


Abundance

Ion 265.70 (265.40 to 266.40): E

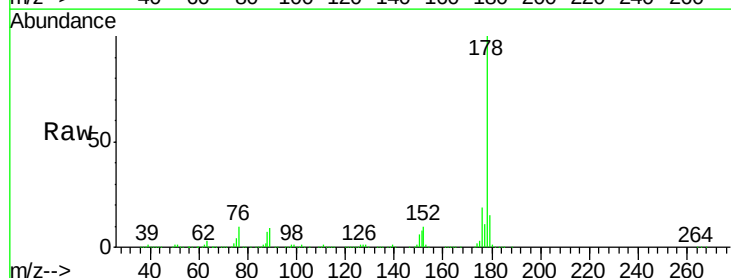
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 46.92 ng
 RT: 12.87 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1183059		
176	19.4	15.7	23.5	
179	15.5	12.2	18.4	

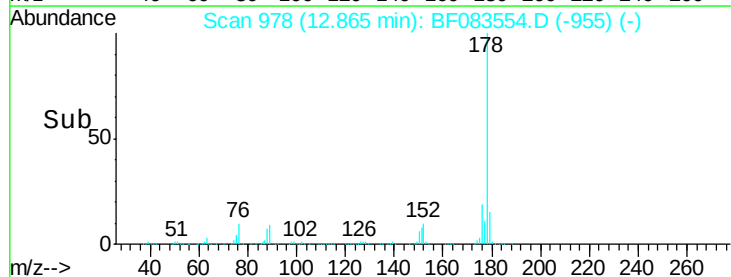
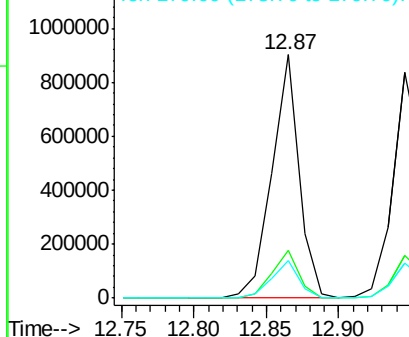


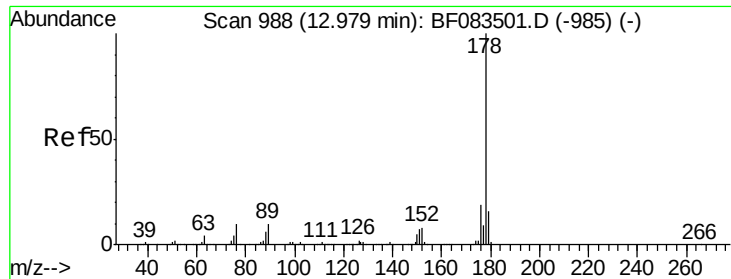
Abundance

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





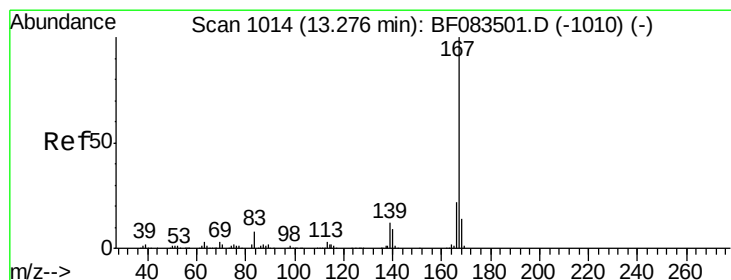
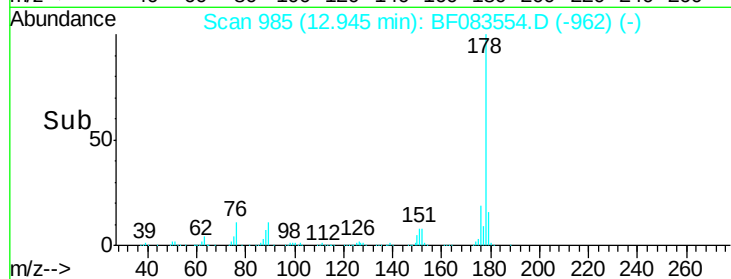
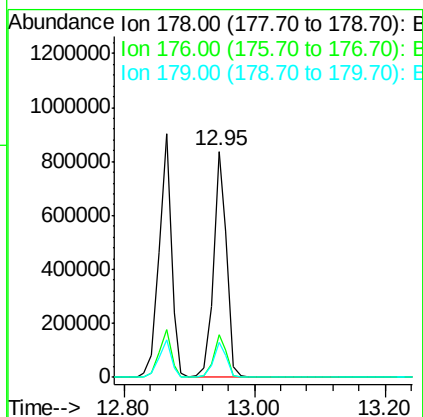
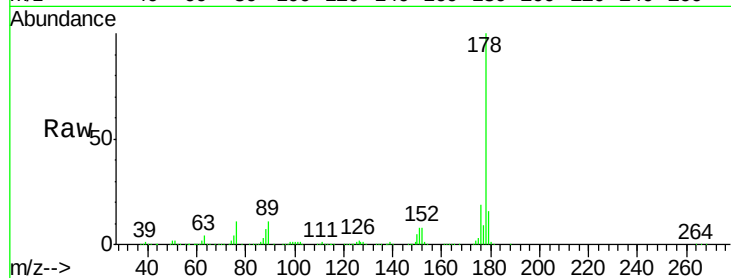
#71
 Anthracene
 Concen: 46.61 ng
 RT: 12.95 min Scan# 985
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.0	15.2	22.8	
179	15.5	12.6	18.8	

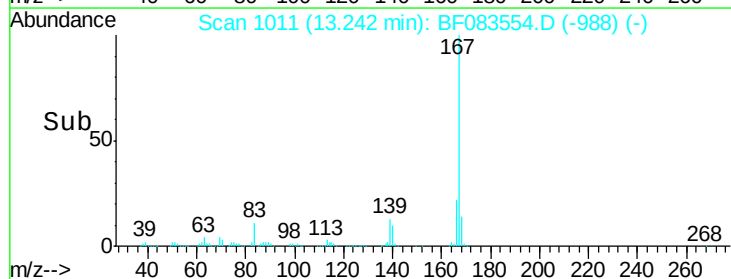
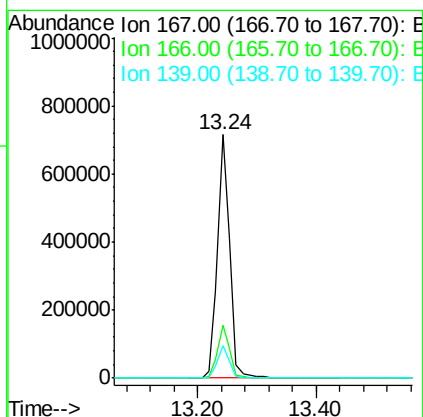
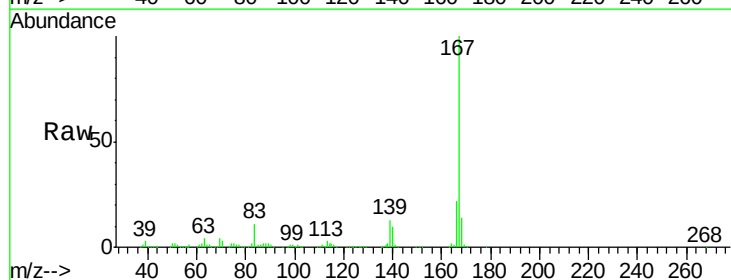
Manual Integrations
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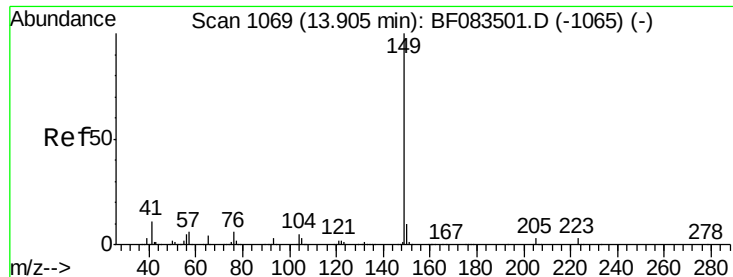
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#72
 Carbazole
 Concen: 46.20 ng
 RT: 13.24 min Scan# 1011
 Delta R.T. -0.03 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.2	25.8	
139	13.3	9.3	13.9	





#73

Di-n-butylphthalate

Concen: 54.58 ng

RT: 13.88 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

K207-64-65MS

Tot Ion:149 Resp: 1451592

Ion Ratio Lower Upper

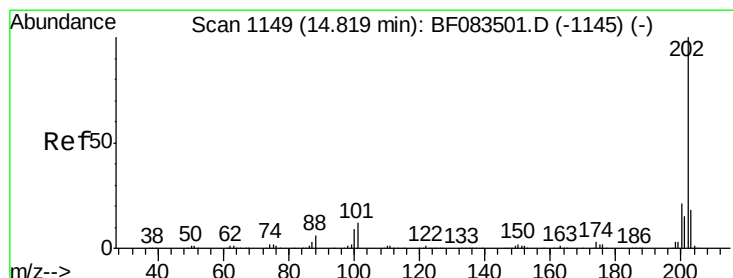
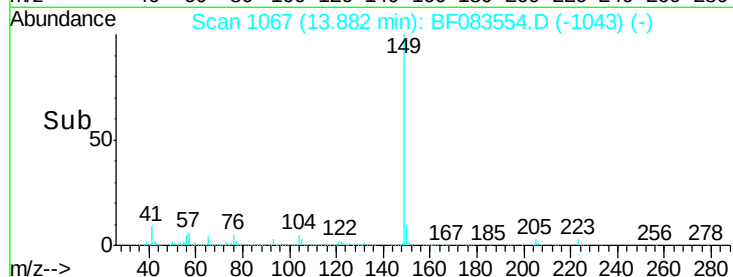
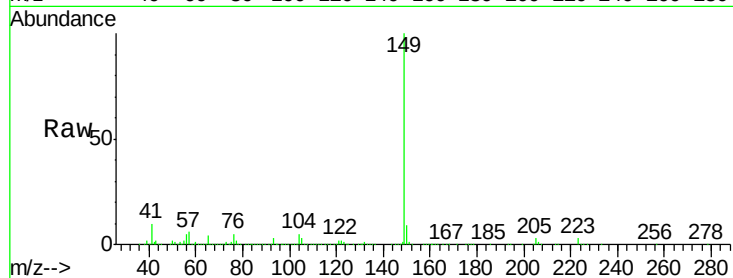
149 100

150 9.5 7.8 11.6

104 4.7 3.9 5.9

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#74

Fluoranthene

Concen: 43.01 ng

RT: 14.79 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

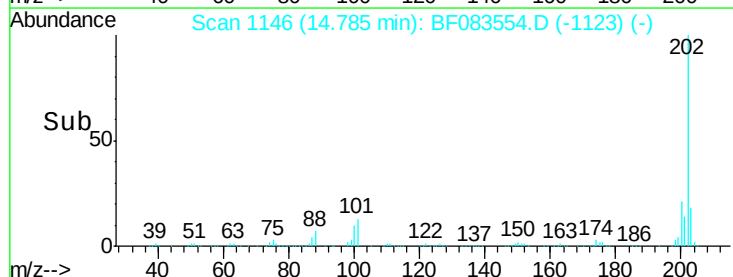
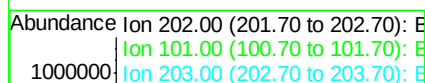
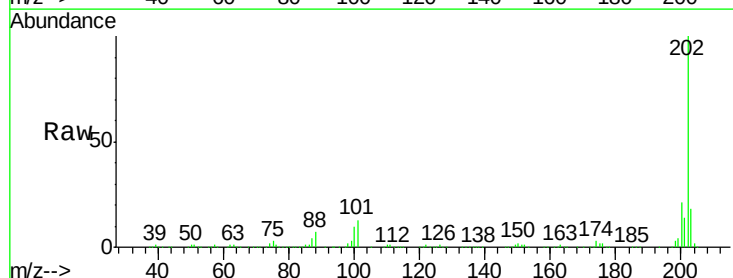
Tgt Ion:202 Resp: 1074827

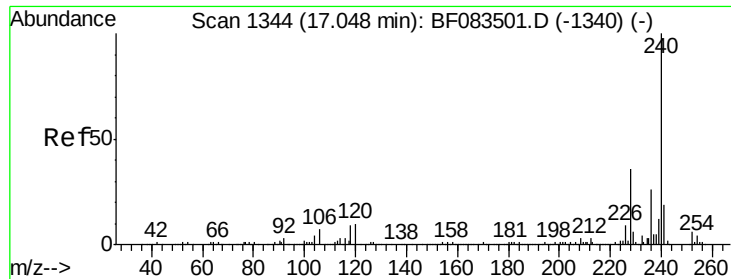
Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.5

203 17.8 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.03 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

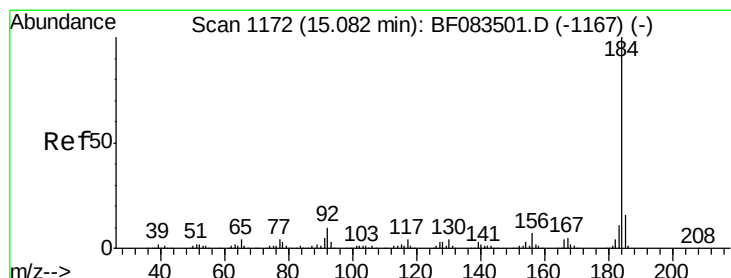
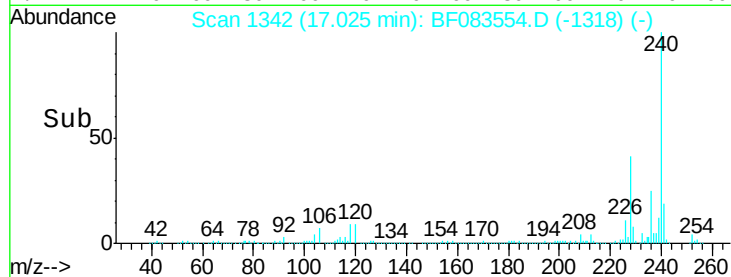
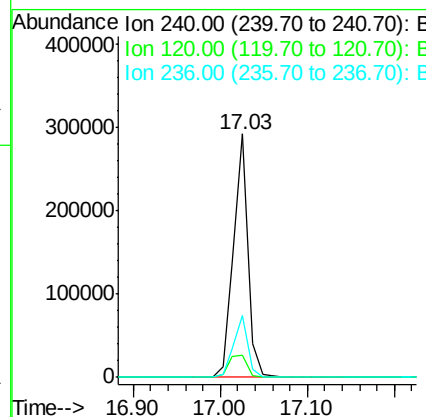
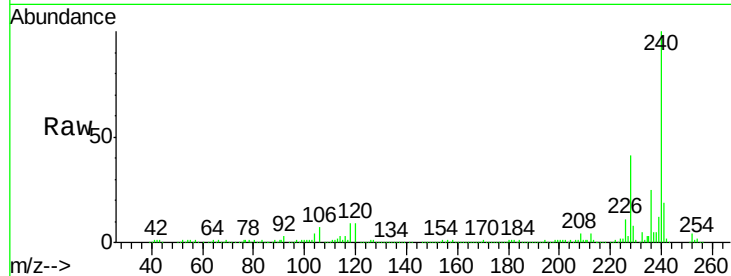
ClientSampleId :

K207-64-65MS

Tot Ion:	240	Resp:	336255
Ion Ratio		Lower	Upper
240	100		
120	9.1	8.1	12.1
236	25.5	20.8	31.2

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#76

Benzidine

Concen: 31.03 ng

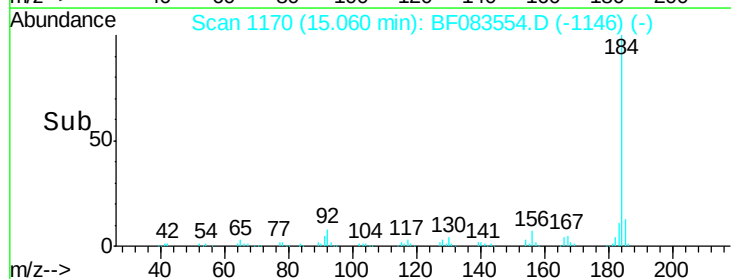
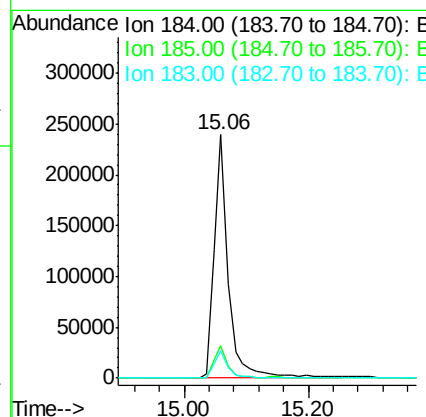
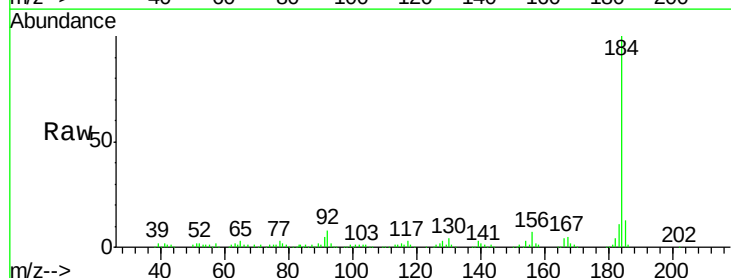
RT: 15.06 min Scan# 1170

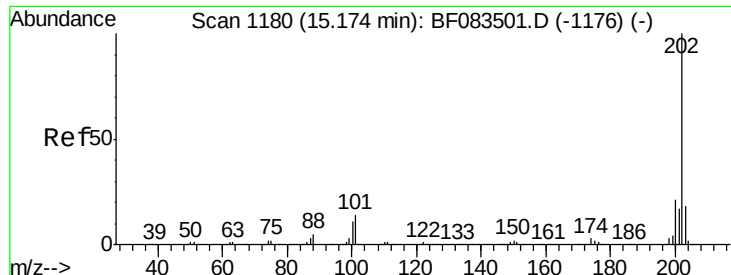
Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion:	184	Resp:	376958
Ion Ratio		Lower	Upper
184	100		
185	13.2	13.0	19.6
183	11.2	9.0	13.4





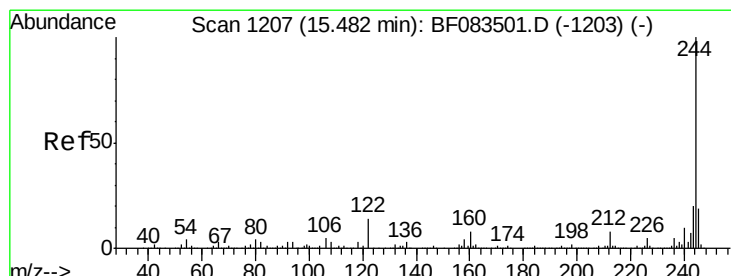
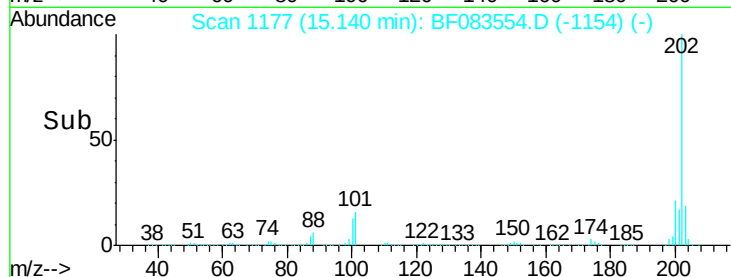
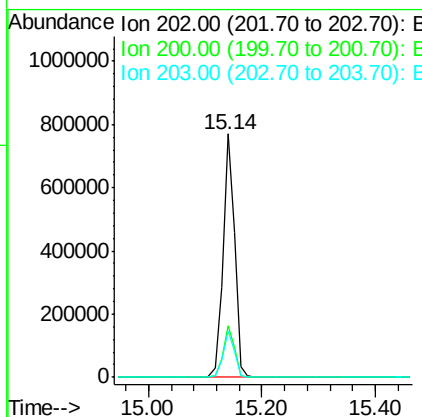
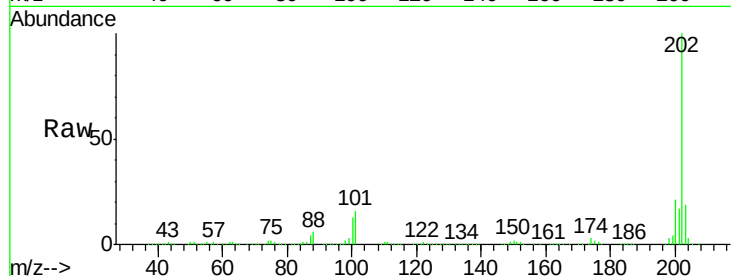
#77
Pvrene
Concen: 43.44 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.8	14.3	21.5

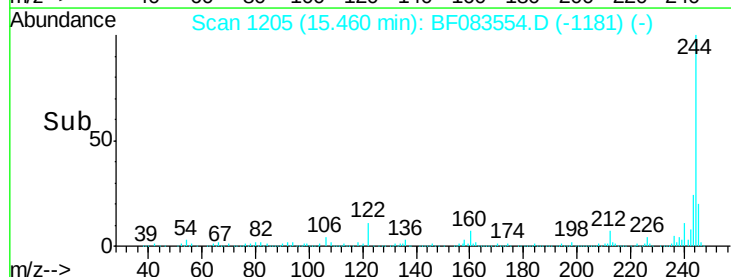
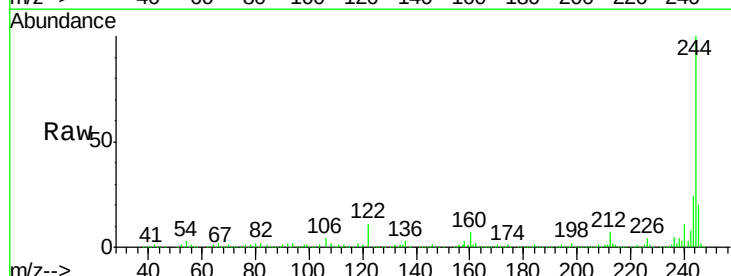
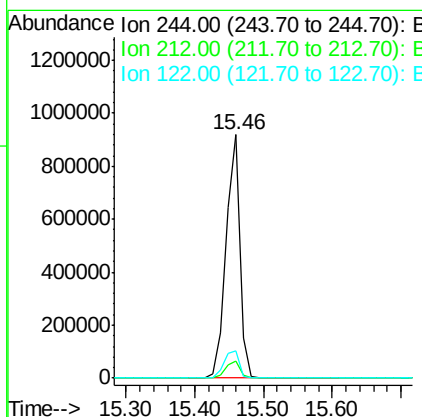
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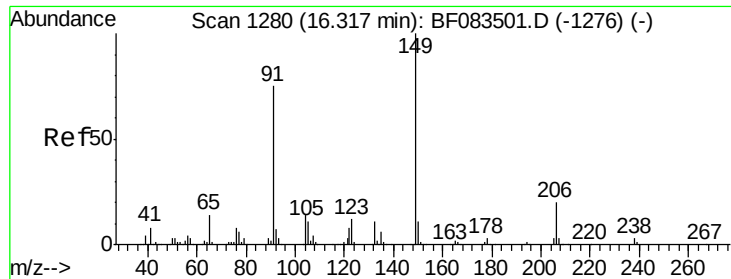
Mmdadoda
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#78
Terphenyl-d14
Concen: 87.54 ng
RT: 15.46 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.0	11.0	16.6





#79

Butylbenzylphthalate

Concen: 52.19 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF083554.D

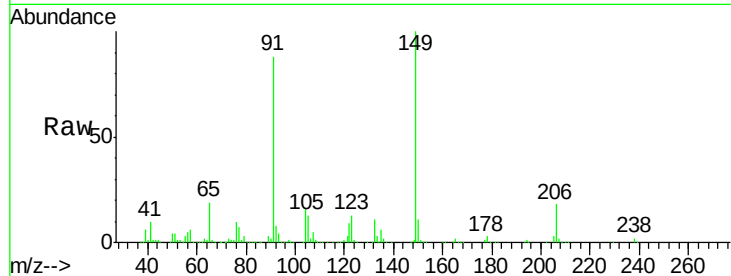
Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

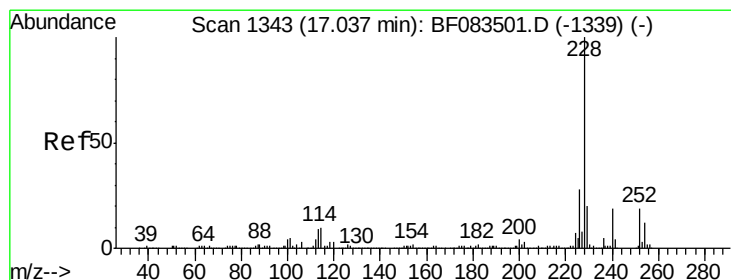
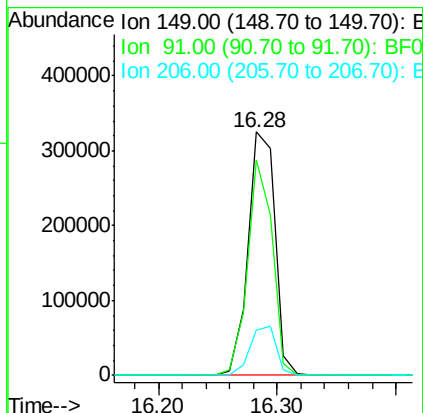
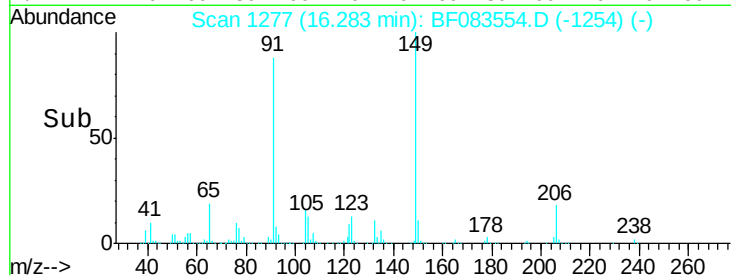
K207-64-65MS



Tot Ion	Ratio	Resp	Lower	Upper
149	100	516239		
91	88.4	60.0	90.0	
206	18.5	16.2	24.4	

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#80

Benzo(a)anthracene

Concen: 48.57 ng

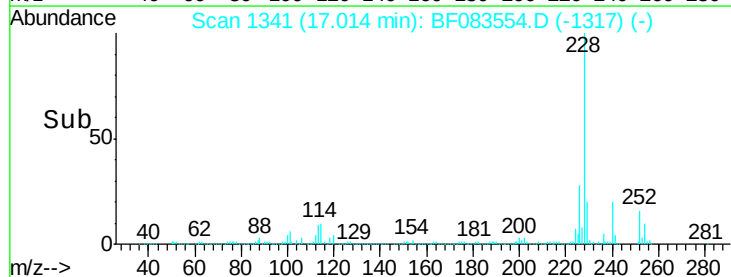
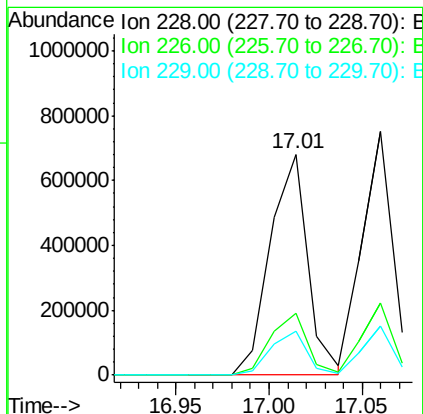
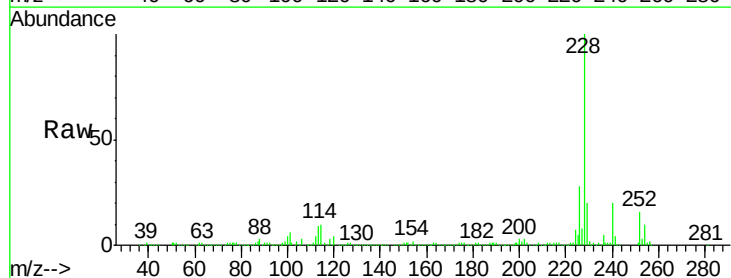
RT: 17.01 min Scan# 1341

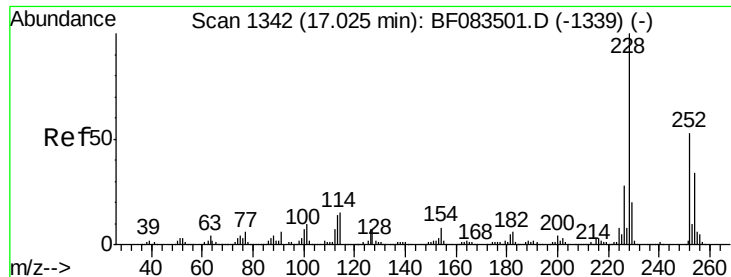
Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	955616		
226	27.7	22.3	33.5	
229	20.0	15.7	23.5	





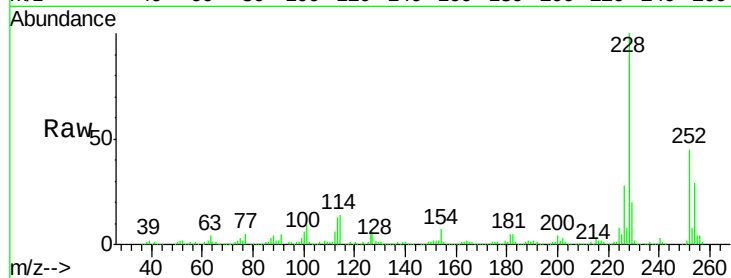
#81
 3,3'-Dichlorobenzidine
 Concen: 42.37 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MS

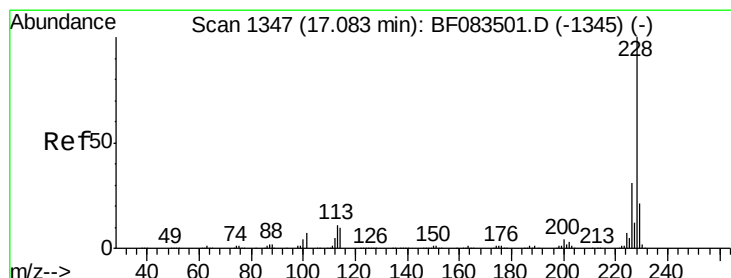
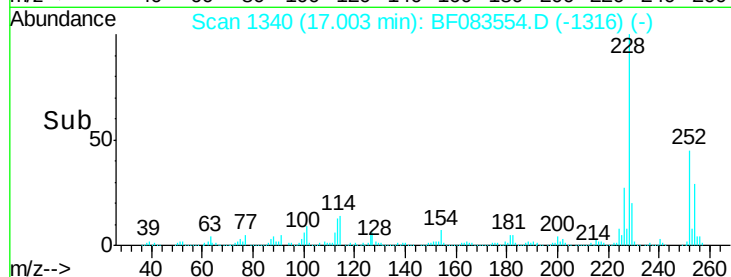
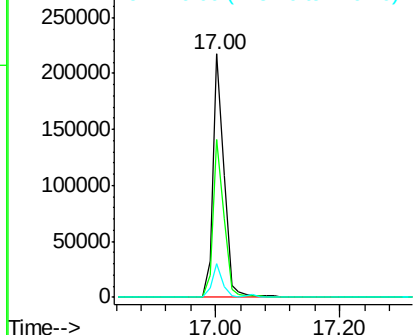
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.6	76.0
126	13.7	11.0	16.4

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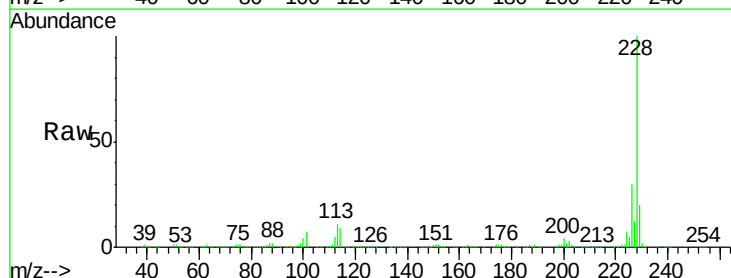


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

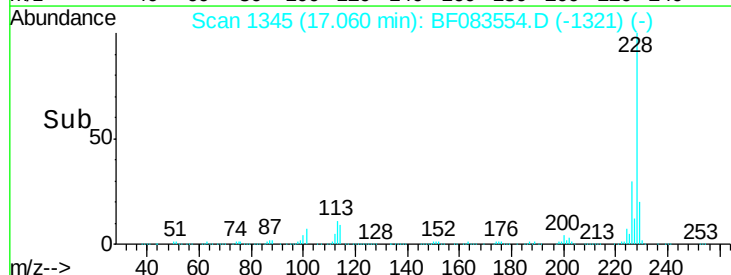
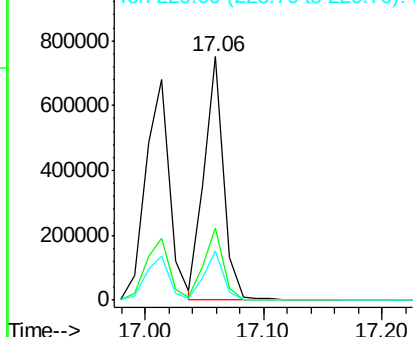


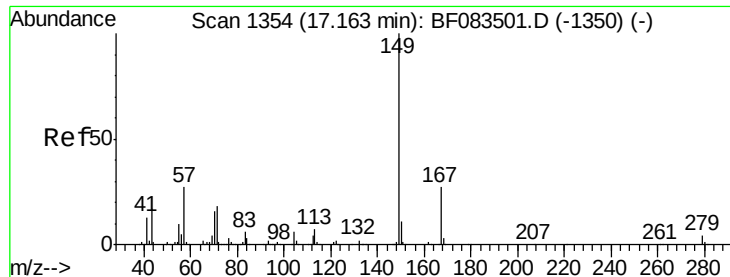
#82
 Chrysene
 Concen: 43.93 ng
 RT: 17.06 min Scan# 1345
 Delta R.T. -0.02 min
 Lab File: BF083554.D
 Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	20.2	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.09 ng

RT: 17.14 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

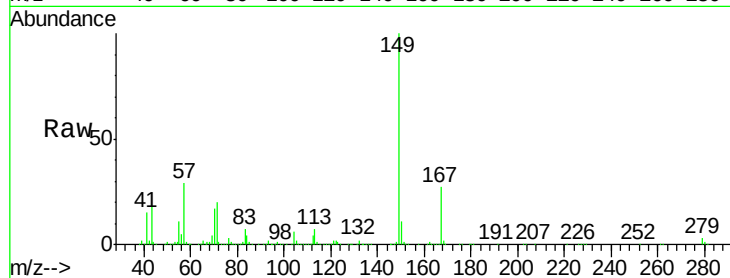
ClientSampleId :

K207-64-65MS

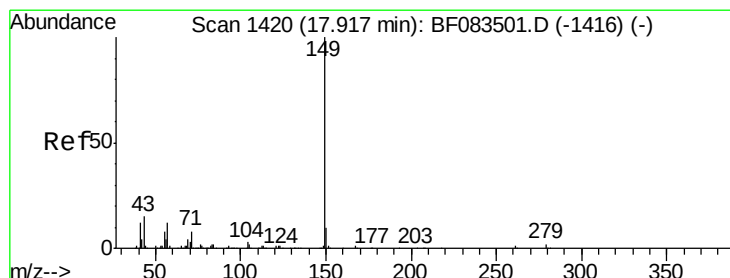
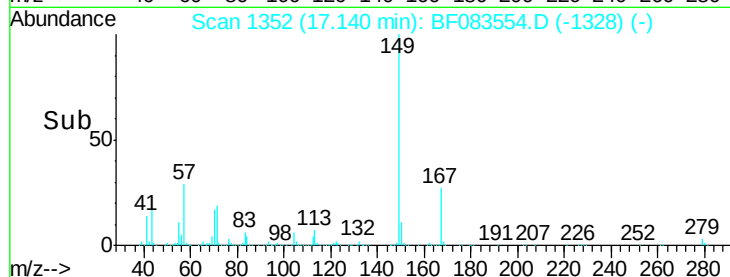
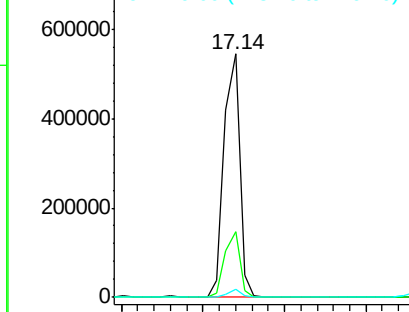
Tot Ion:	149	Resp:	727991
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.8	32.8
279	3.4	3.0	4.4

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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: 62.07 ng

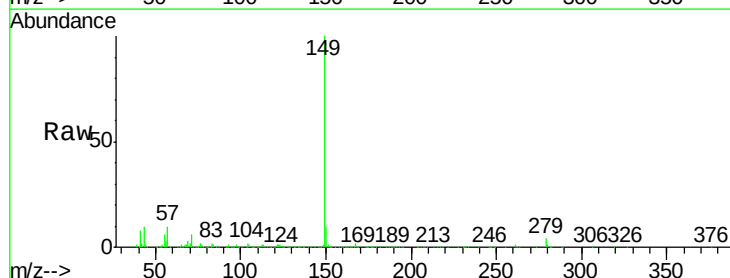
RT: 17.91 min Scan# 1419

Delta R.T. -0.01 min

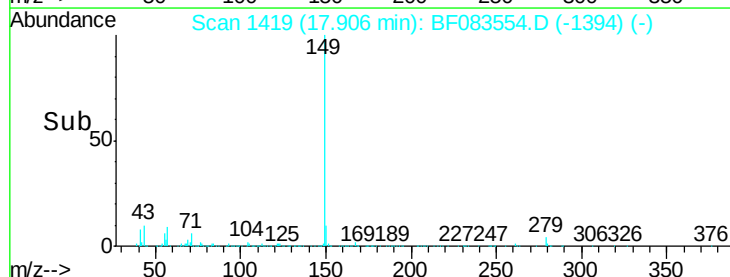
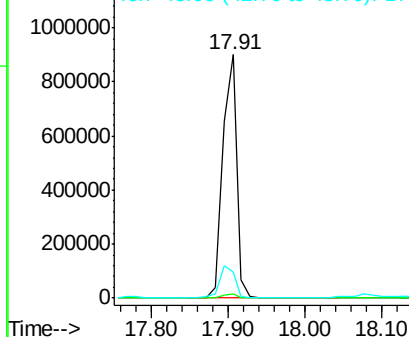
Lab File: BF083554.D

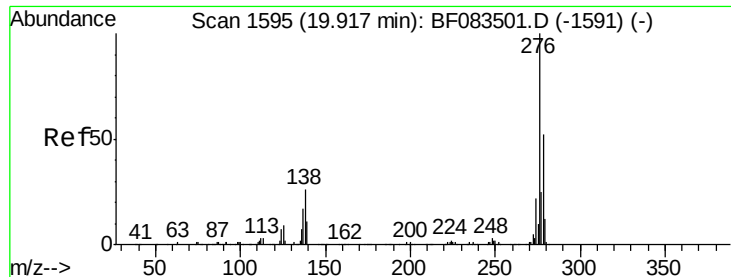
Acq: 7 Dec 2015 10:48

Tgt Ion:	149	Resp:	1149003
Ion Ratio	Lower	Upper	
149	100		
167	1.8	0.0	0.0#
43	13.8	0.0	0.0#



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





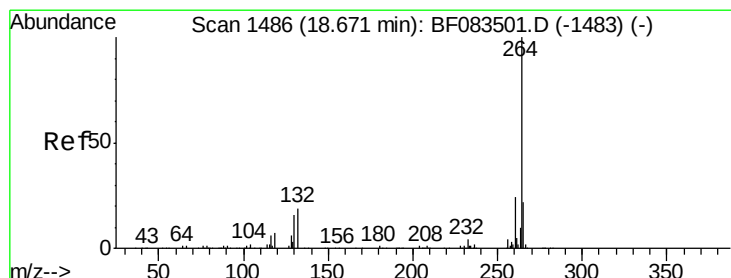
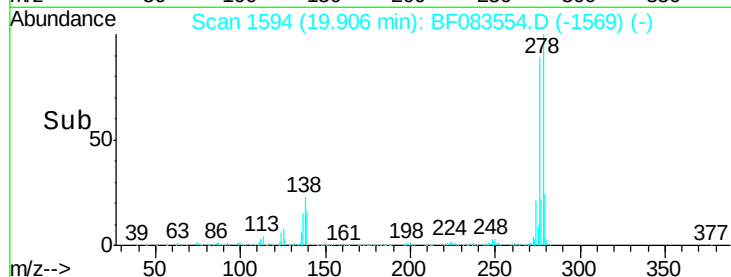
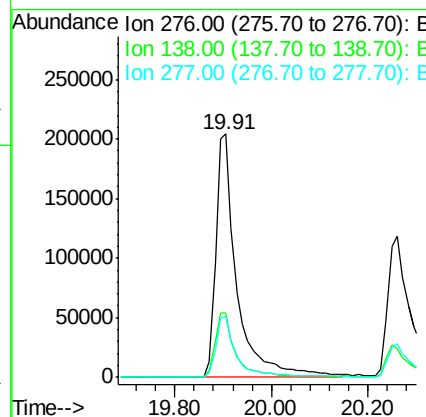
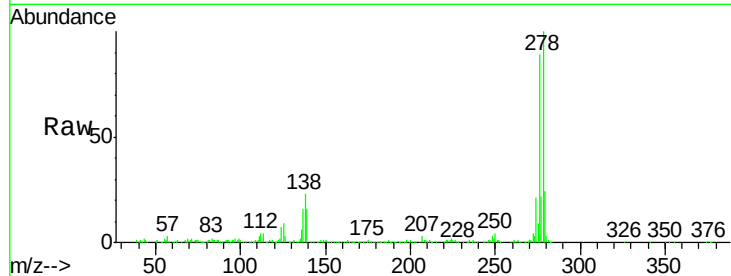
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.34 ng
RT: 19.91 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	0.0	0.0#
277	25.1	0.0	0.0#

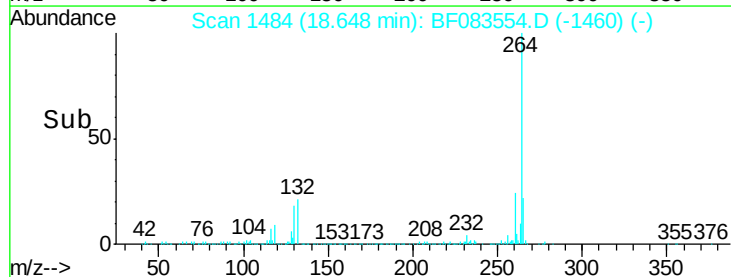
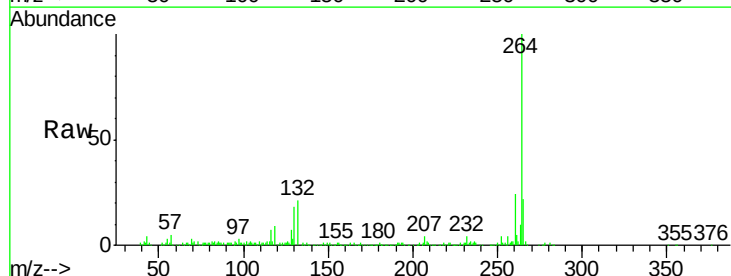
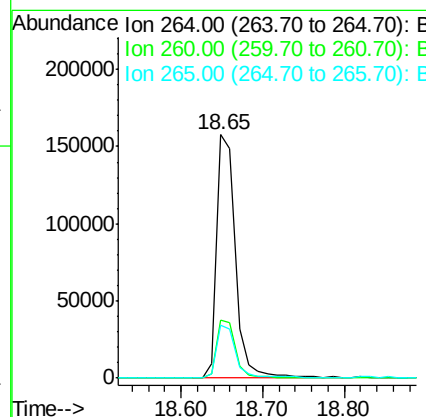
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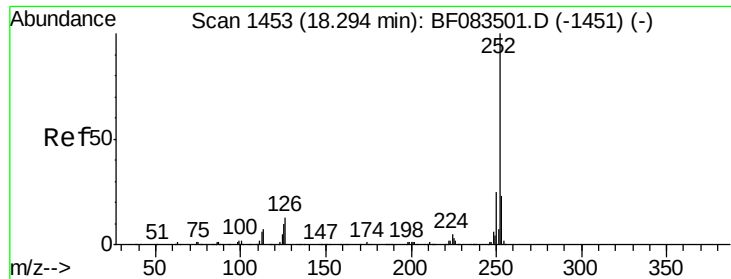
Mmdadoda
12/7/2015 6:34:37 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.6	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 64.25 ng m

RT: 18.27 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

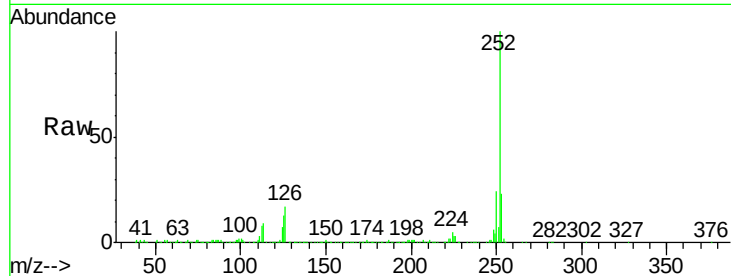
ClientSampleId :

K207-64-65MS

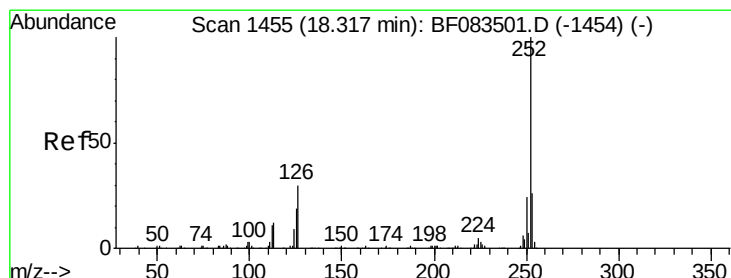
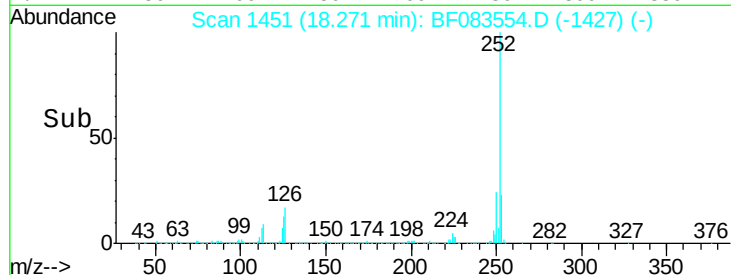
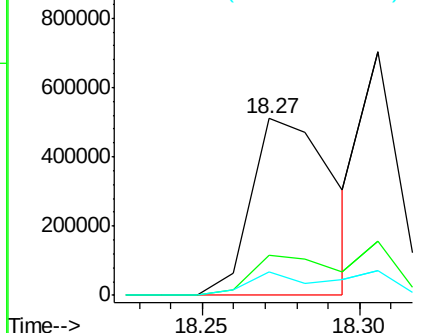
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	13.3	8.2	12.4#

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



#88

Benzo(k)fluoranthene

Concen: 39.68 ng m

RT: 18.31 min Scan# 1454

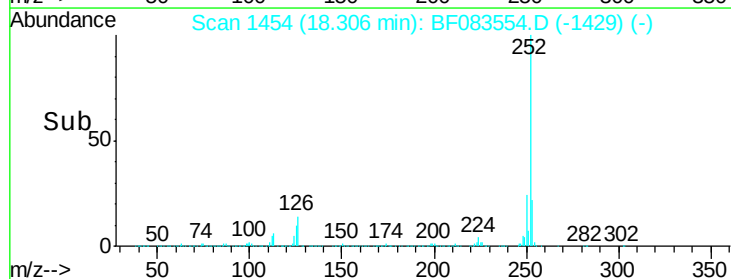
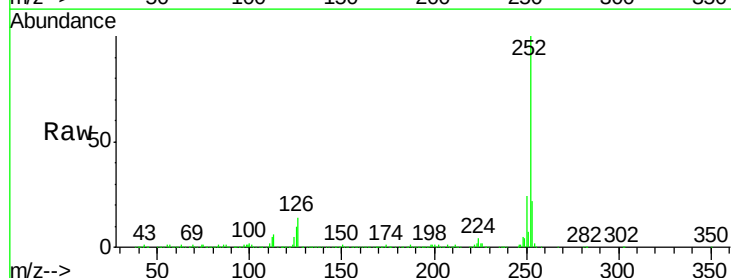
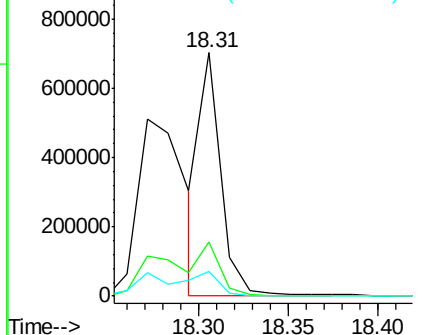
Delta R.T. -0.01 min

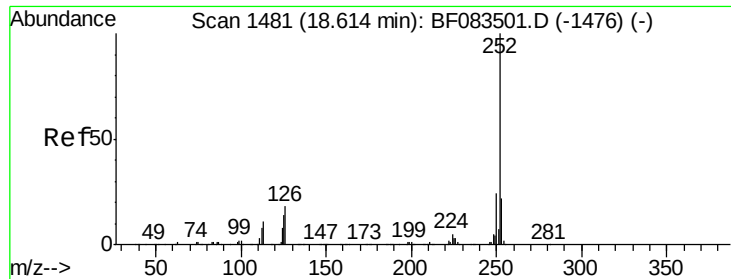
Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	10.0	11.5	17.3#

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





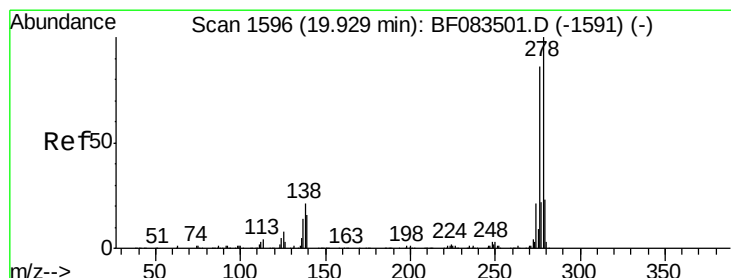
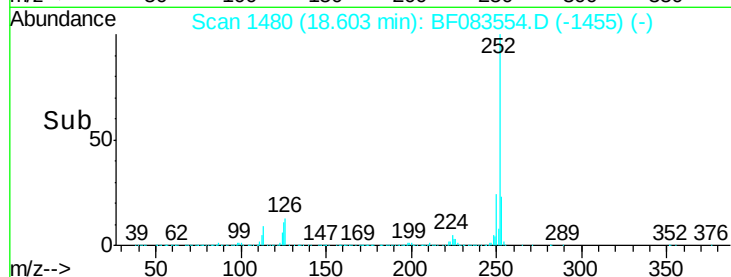
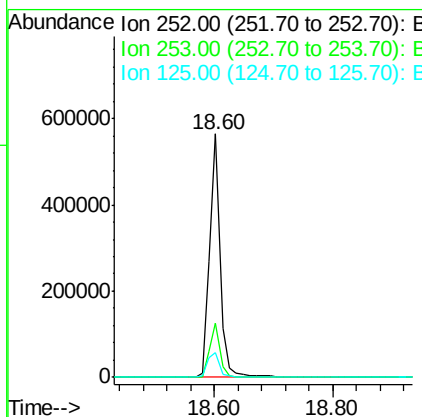
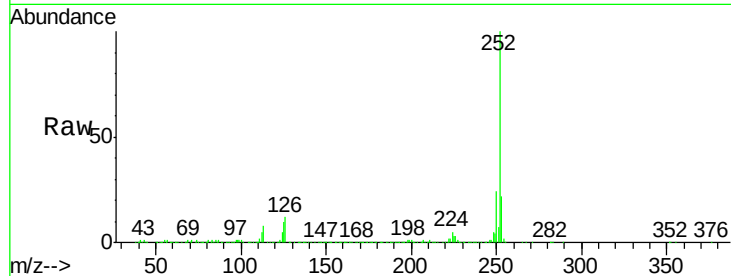
#89
Benzo(a)pyrene
Concen: 49.32 ng
RT: 18.60 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Instrument :
BNA_F
ClientSampleId :
K207-64-65MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.1	11.0	16.6

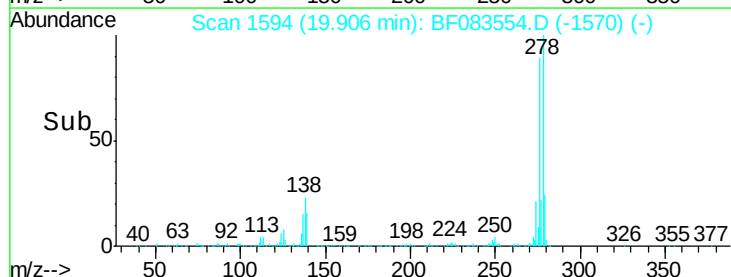
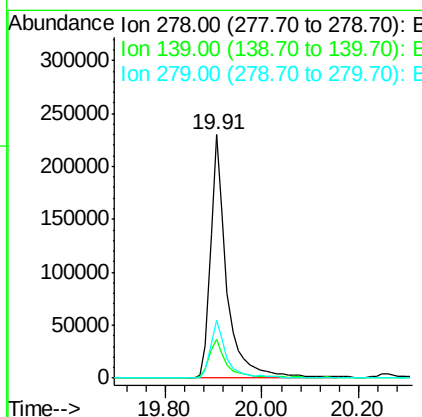
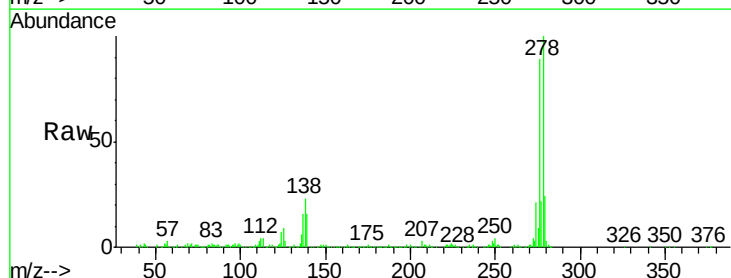
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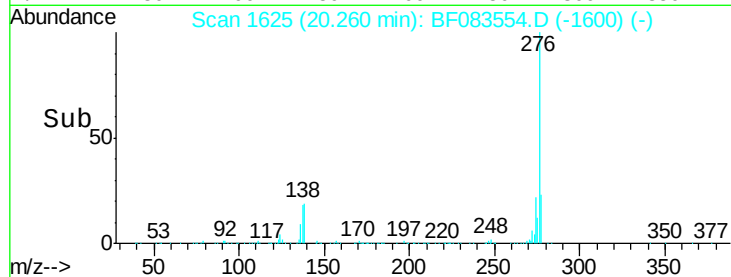
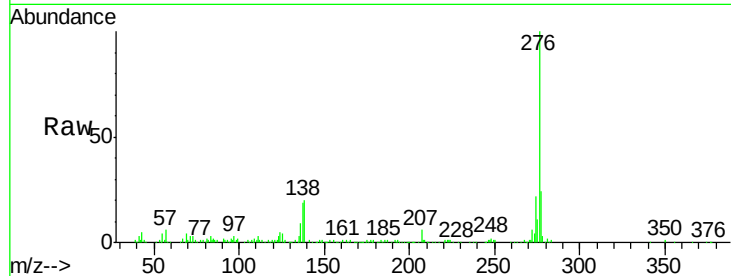
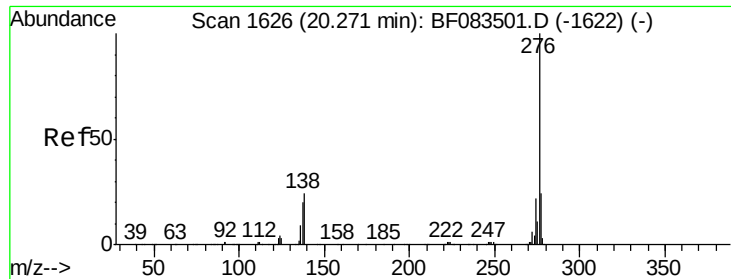
Mmdadoda
12/7/2015 6:34:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.50 ng
RT: 19.91 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF083554.D
Acq: 7 Dec 2015 10:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.8	19.2
279	23.7	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 32.37 ng

RT: 20.26 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BF083554.D

Acq: 7 Dec 2015 10:48

Instrument :

BNA_F

ClientSampleId :

K207-64-65MS

Tot Ion:	276	Resp:	438988
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	20.5	19.5	29.3

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:34:37 PM

