

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083545.D
 Acq On : 7 Dec 2015 6:18
 Operator : UM/IZ
 Sample : G4594-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K204-0-2MS

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:33:35 PM

Quant Time: Dec 07 11:57:42 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	161363	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	592854	20.00	ng	-0.03
38) Acenaphthene-d10	10.43	164	271215	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	420121	20.00	ng	-0.03
75) Chrysene-d12	17.04	240	298937	20.00	ng	-0.01
86) Perylene-d12	18.67	264	273483	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.03	112	1171594	110.15	ng	0.00
7) Phenol-d6	5.31	99	1521169	103.80	ng	-0.01
23) Nitrobenzene-d5	6.57	82	974862	76.86	ng	-0.03
41) 2,4,6-Tribromophenol	11.72	330	239474	95.72	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1375992	68.81	ng	-0.03
78) Terphenyl-d14	15.46	244	869833	64.75	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.89	88	159400	28.57	ng	92
3) Pyridine	2.30	79	130073m	9.77	ng	
4) n-Nitrosodimethylamine	2.29	42	239971	35.78	ng	95
6) Aniline	5.37	93	55277m	2.90	ng	
8) 2-Chlorophenol	5.46	128	419641	35.48	ng	97
9) Benzaldehyde	5.13	77	242663	28.88	ng	# 83
10) Phenol	5.33	94	620412	36.20	ng	# 72
11) bis(2-Chloroethyl)ether	5.40	93	477136m	37.57	ng	
12) 1,3-Dichlorobenzene	5.65	146	445262	33.94	ng	99
13) 1,4-Dichlorobenzene	5.76	146	448527	33.48	ng	99
14) 1,2-Dichlorobenzene	5.97	146	427666	34.72	ng	99
15) Benzyl Alcohol	5.98	79	409928	40.32	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	813149	34.53	ng	87
17) 2-Methylphenol	6.18	107	338952	34.72	ng	95
18) Hexachloroethane	6.45	117	177713	38.01	ng	# 86
19) n-Nitroso-di-n-propylamine	6.37	70	357047	36.52	ng	93
20) 3+4-Methylphenols	6.42	107	462385	36.46	ng	90
22) Acetophenone	6.35	105	685500	40.14	ng	98
24) Nitrobenzene	6.59	77	505490	36.19	ng	99
25) Isophorone	6.97	82	883629	36.28	ng	97
26) 2-Nitrophenol	7.07	139	210460	38.18	ng	94
27) 2,4-Dimethylphenol	7.20	122	331807	34.07	ng	96
28) bis(2-Chloroethoxy)methane	7.32	93	555674	40.94	ng	99
29) 2,4-Dichlorophenol	7.47	162	335170	38.11	ng	95
30) 1,2,4-Trichlorobenzene	7.56	180	351486	36.15	ng	98
31) Naphthalene	7.68	128	1480402	46.91	ng	98
32) Benzoic acid	7.45	122	110383	22.10	ng	95
33) 4-Chloroaniline	7.82	127	38819	3.14	ng	# 84
34) Hexachlorobutadiene	7.88	225	203124	35.35	ng	100
35) Caprolactam	8.40	113	105058	37.56	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	344609	34.82	ng	# 84
37) 2-Methylnaphthalene	8.77	142	810125	41.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	321554	36.06	ng	# 100
42) 2,4,6-Trichlorophenol	9.26	196	216012	38.58	ng	99

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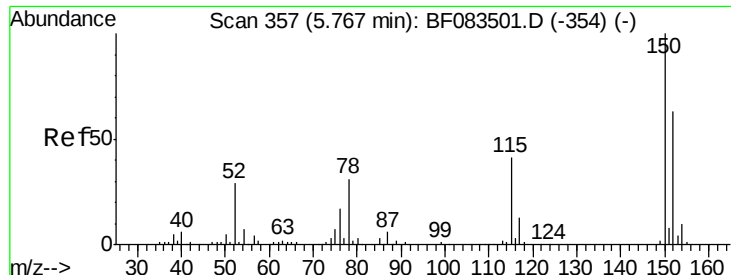
Manual Integrations
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 12/7/2015 6:33:35 PM

Quant Time: Dec 07 11:57:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.34	196	225271	39.06	nq	98
45) 1,1'-Biphenyl	9.54	154	848081	35.19	nq	99
46) 2-Chloronaphthalene	9.55	162	634715	34.95	nq	99
47) 2-Nitroaniline	9.76	65	249753	38.60	nq	90
48) Acenaphthylene	10.20	152	1769405	59.50	nq	99
49) Dimethylphthalate	10.09	163	1240095	58.09	nq	100
50) 2,6-Dinitrotoluene	10.17	165	153420	34.13	nq	93
51) Acenaphthene	10.49	154	633913	37.04	nq	99
52) 3-Nitroaniline	10.43	138	64390	13.29	nq	# 91
53) 2,4-Dinitrophenol	10.62	184	58660	30.52	nq	97
54) Dibenzofuran	10.77	168	972398	41.01	nq	99
55) 4-Nitrophenol	10.81	139	209644m	76.81	nq	
56) 2,4-Dinitrotoluene	10.82	165	186794	31.82	nq	# 92
57) Fluorene	11.32	166	774935m	37.57	nq	
58) 2,3,4,6-Tetrachlorophenol	11.00	232	165981	38.48	nq	# 100
59) Diethylphthalate	11.23	149	741679	36.11	nq	98
60) 4-Chlorophenyl-phenylether	11.34	204	329740	33.36	nq	98
61) 4-Nitroaniline	11.41	138	92854	21.15	nq	81
62) Azobenzene	11.60	77	295821	13.50	nq	95
64) 4,6-Dinitro-2-methylphenol	11.48	198	46674	18.75	nq	# 78
65) n-Nitrosodiphenylamine	11.55	169	579393	41.66	nq	100
66) 4-Bromophenyl-phenylether	12.13	248	178908	38.97	nq	98
67) Hexachlorobenzene	12.21	284	183761	37.45	nq	# 85
68) Atrazine	12.48	200	57567	13.69	nq	95
69) Pentachlorophenol	12.57	266	186623	83.46	nq	98
70) Phenanthrene	12.86	178	1941631	79.40	nq	99
71) Anthracene	12.94	178	1411618	56.60	nq	99
72) Carbazole	13.24	167	807532	37.71	nq	97
73) Di-n-butylphthalate	13.88	149	1019604	39.53	nq	99
74) Fluoranthene	14.81	202	3047035	125.72	nq	96
77) Pyrene	15.17	202	3727721	166.70	nq	97
79) Butylbenzylphthalate	16.29	149	363329	41.32	nq	89
80) Benzo(a)anthracene	17.03	228	2444616	139.77	nq	93
81) 3,3'-Dichlorobenzidine	17.03	252	14556	2.60	nq	# 62
82) Chrysene	17.08	228	2164536	124.23	nq	97
83) Bis(2-ethylhexyl)phthalate	17.14	149	510709	44.26	nq	# 97
84) Di-n-octyl phthalate	17.91	149	829372	50.40	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1397427	93.56	nq	# 100
87) Benzo(b)fluoranthene	18.31	252	2748720m	178.97	nq	
88) Benzo(k)fluoranthene	18.33	252	671437m	42.68	nq	
89) Benzo(a)pyrene	18.63	252	1788526	119.72	nq	95
90) Dibenzo(a,h)anthracene	19.93	278	599955	41.74	nq	95
91) Benzo(g,h,i)perylene	20.28	276	1332729	92.01	nq	99

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



#1

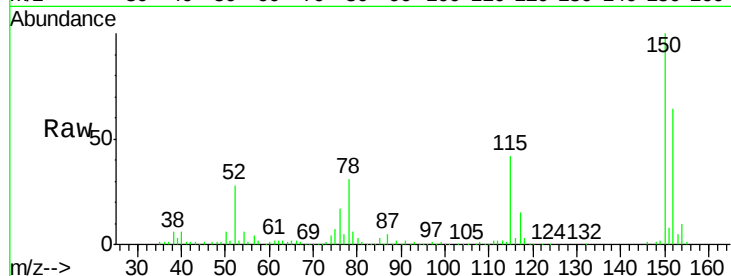
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
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K204-0-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.5	189.7
115	65.8	52.3	78.5

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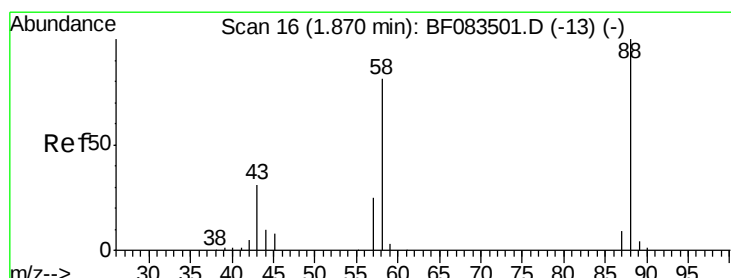
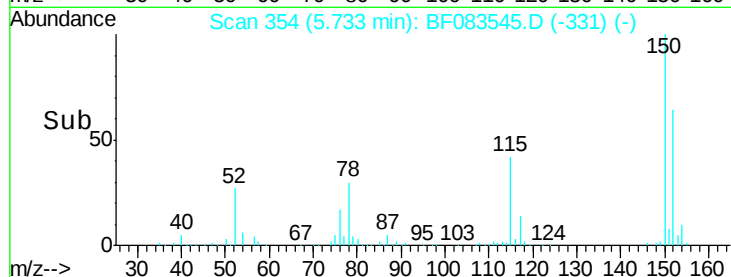
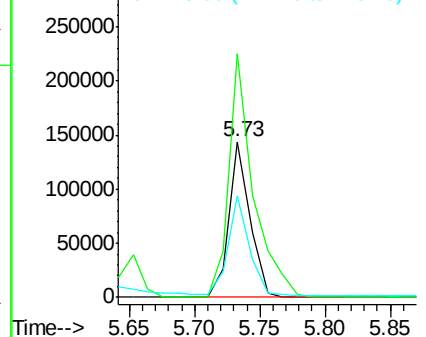


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

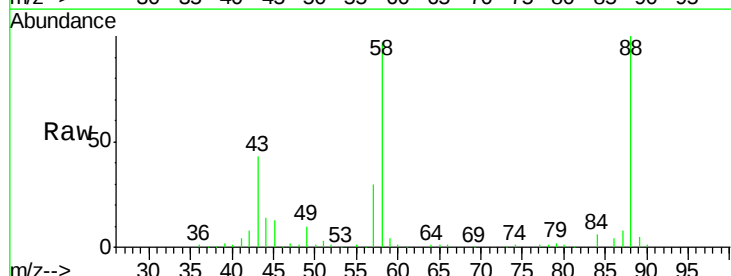
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.57 ng
RT: 1.89 min Scan# 18
Delta R.T. 0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	68.0	102.0
43	39.8	27.9	41.9

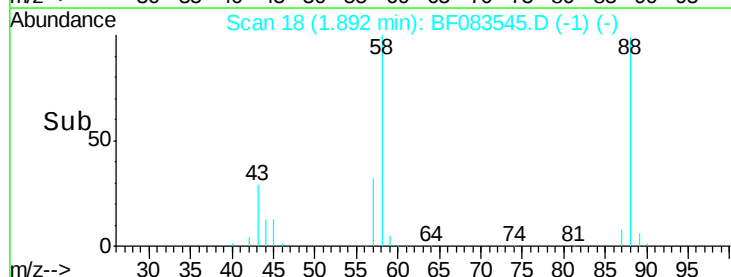
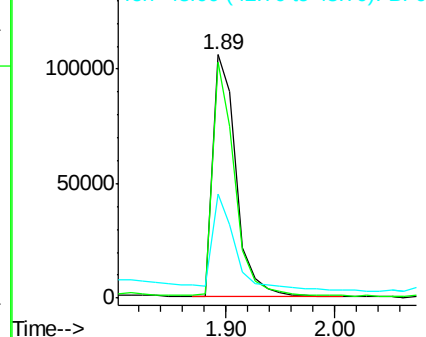


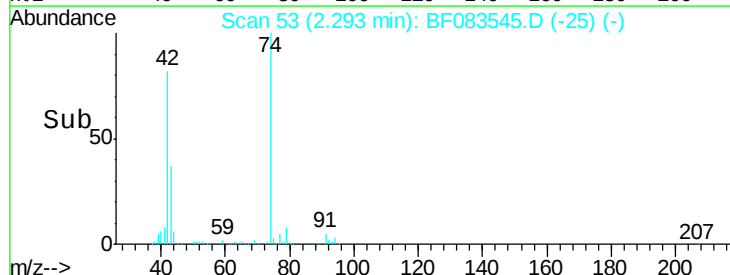
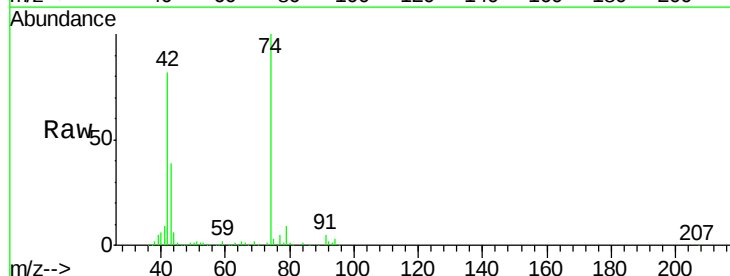
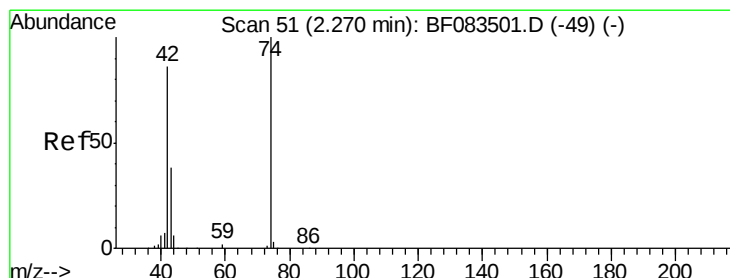
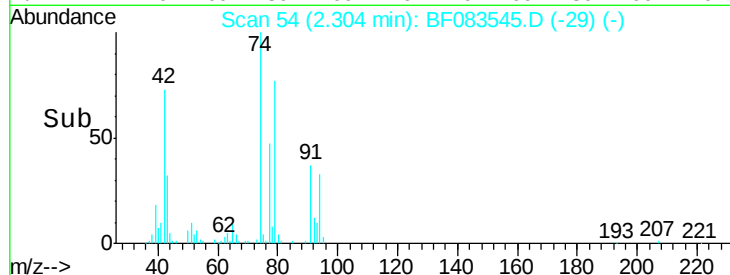
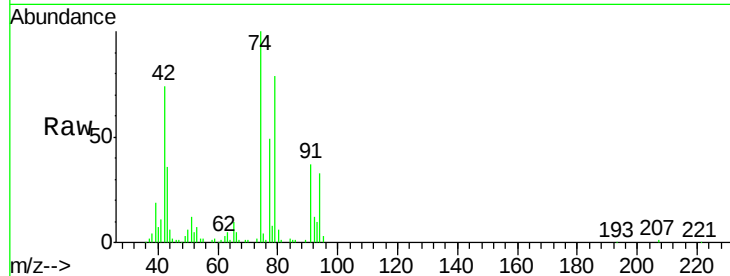
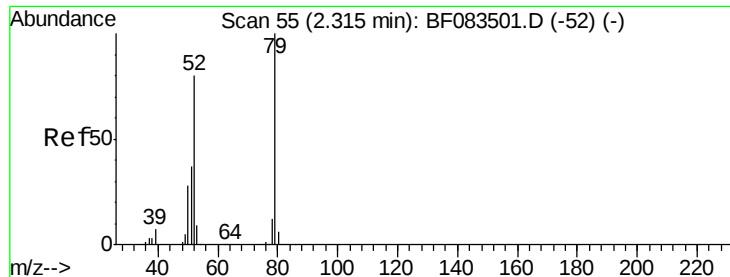
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 9.77 ng/ml

RT: 2.30 min Scan# 54

Delta R.T. -0.01 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tot Ion:	79	Resp:	130073
Ion Ratio	Lower	Upper	
79	100		
52	5.8	63.7	95.5#
51	14.5	30.6	45.8#

Instrument :

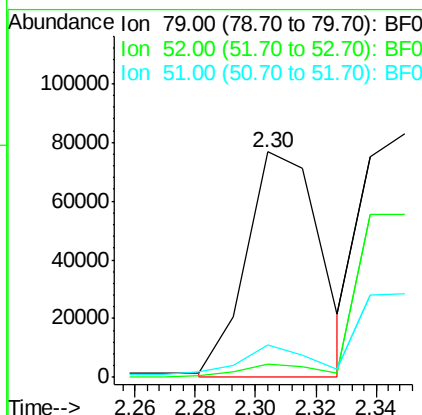
BNA_F

ClientSampleId :

K204-0-2MS

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#4

n-Nitrosodimethylamine

Concen: 35.78 ng/ml

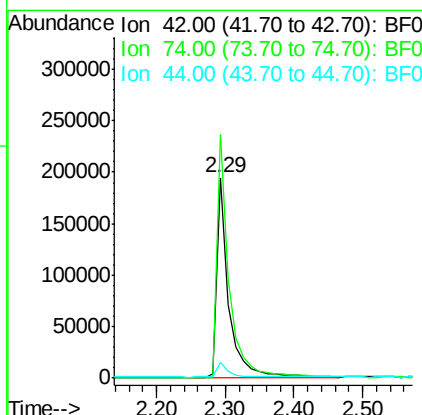
RT: 2.29 min Scan# 53

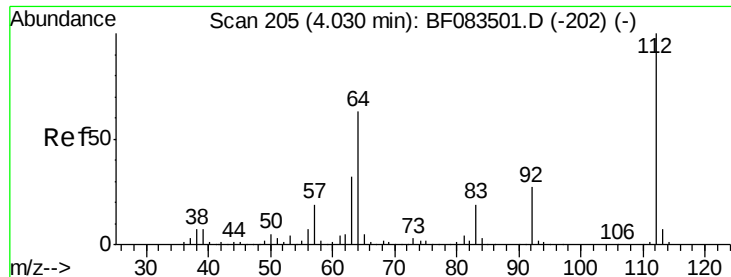
Delta R.T. 0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:	42	Resp:	239971
Ion Ratio	Lower	Upper	
42	100		
74	121.6	92.9	139.3
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 110.15 ng

RT: 4.03 min Scan# 205

Delta R.T. -0.00 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

ClientSampleId :

K204-0-2MS

Tot Ion: 112 Resp: 1171594

Ion Ratio Lower Upper

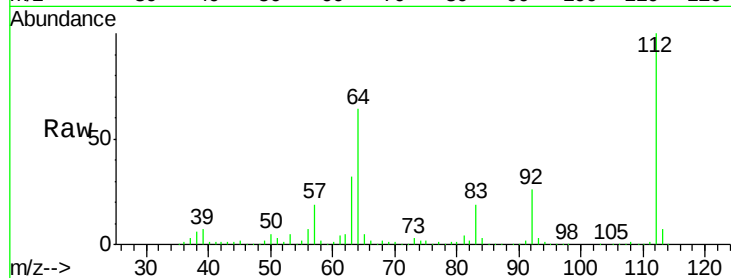
112 100

64 63.9 50.5 75.7

63 31.7 25.8 38.6

Manual Integrations
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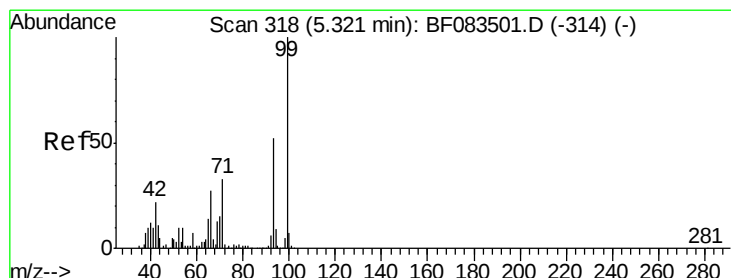
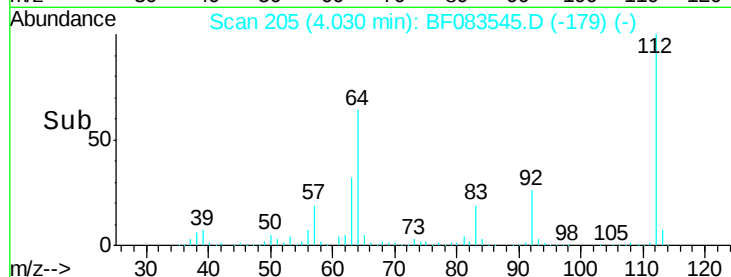
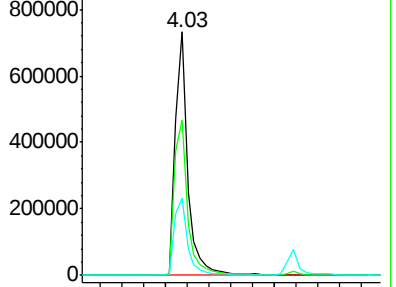
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Abundance Ion 112.00 (111.70 to 112.70): BF083545.D (-179) (-)

Ion 64.00 (63.70 to 64.70): BF083545.D (-179) (-)

Ion 63.00 (62.70 to 63.70): BF083545.D (-179) (-)



#6

Aniline

Concen: 2.90 ng m

RT: 5.37 min Scan# 322

Delta R.T. 0.05 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

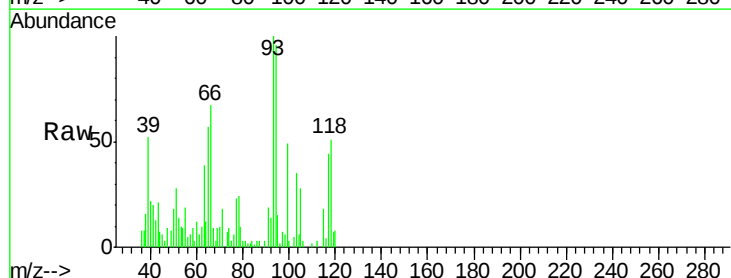
Tgt Ion: 93 Resp: 55277

Ion Ratio Lower Upper

93 100

66 67.1 41.3 61.9#

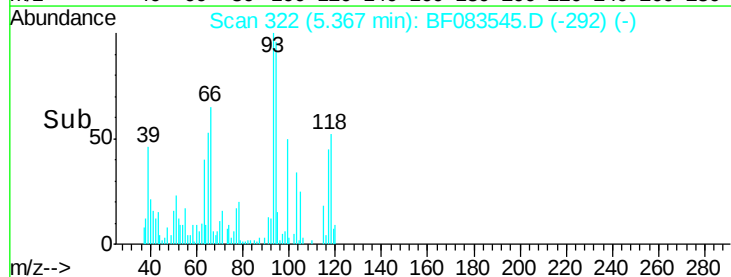
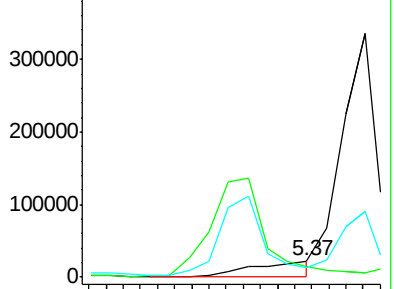
65 56.9 20.8 31.2#

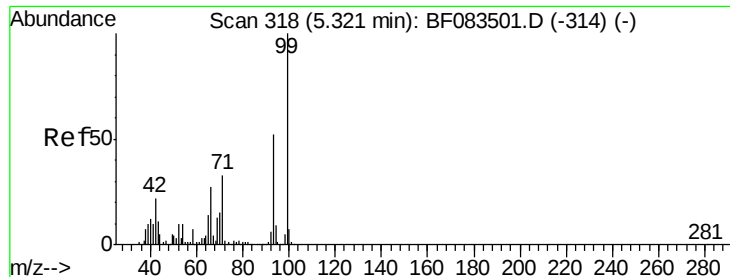


Abundance Ion 93.00 (92.70 to 93.70): BF083545.D (-292) (-)

Ion 66.00 (65.70 to 66.70): BF083545.D (-292) (-)

Ion 65.00 (64.70 to 65.70): BF083545.D (-292) (-)





#7

Phenol-d6

Concen: 103.80 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.01 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

ClientSampleId :

K204-0-2MS

Tot Ion: 99 Resp: 1521169

Ion Ratio Lower Upper

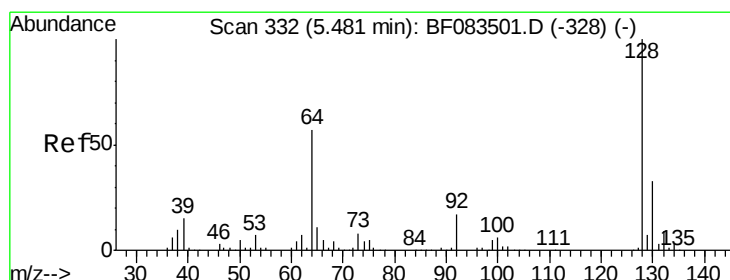
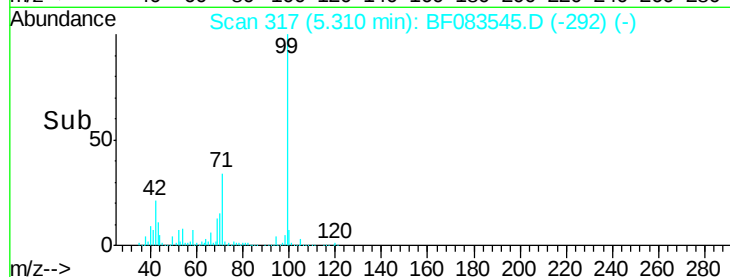
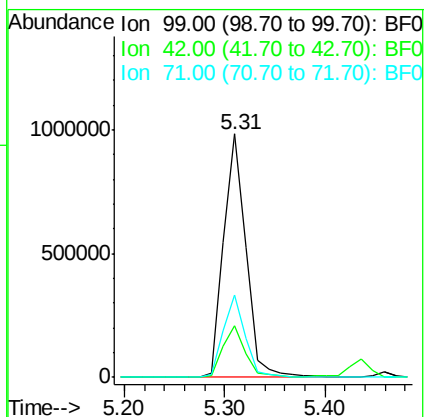
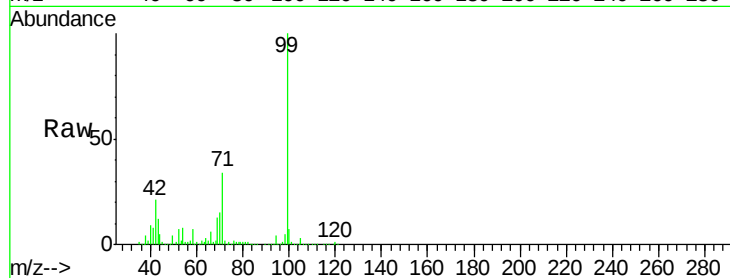
99 100

42 21.1 17.3 25.9

71 34.0 26.6 40.0

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#8

2-Chlorophenol

Concen: 35.48 ng

RT: 5.46 min Scan# 330

Delta R.T. -0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

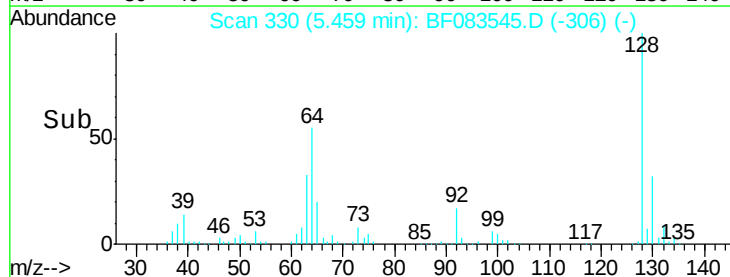
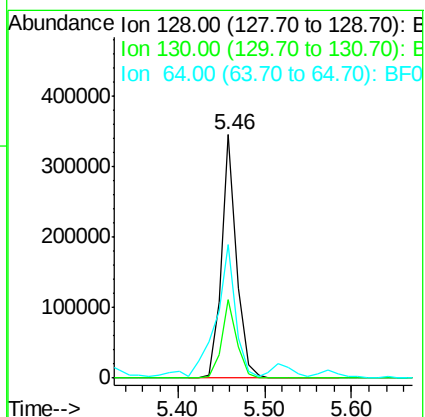
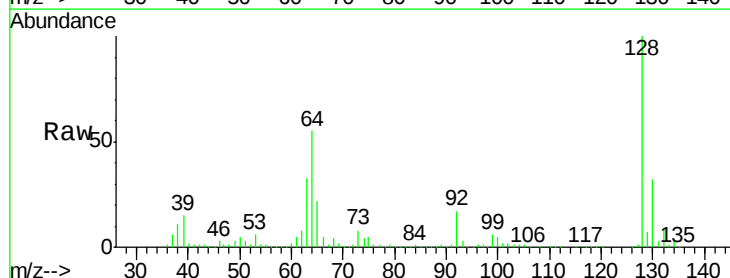
Tgt Ion: 128 Resp: 419641

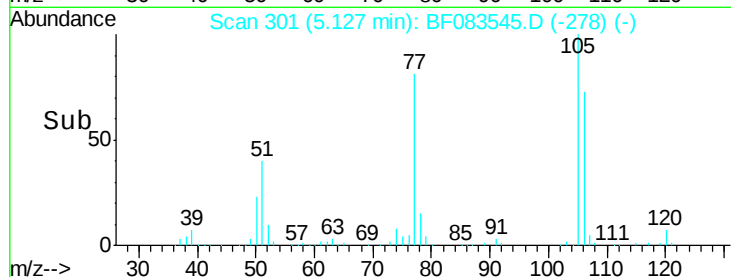
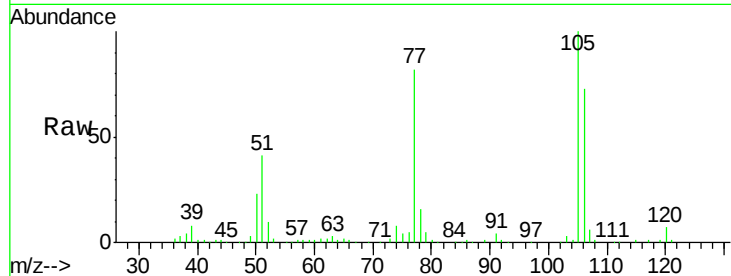
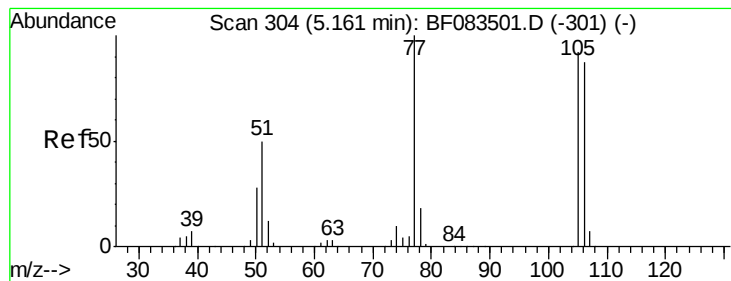
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 54.9 38.6 78.6





#9

Benzaldehyde

Concen: 28.88 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tot Ion	Ratio	Lower	Upper
77	100		
105	121.4	71.8	111.8#
106	88.9	66.8	106.8

Instrument :

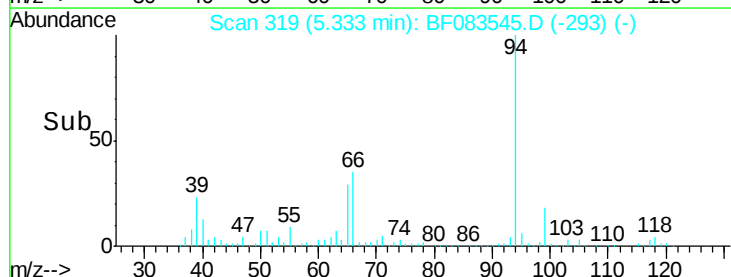
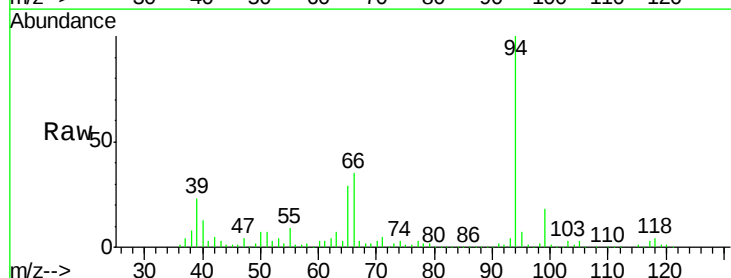
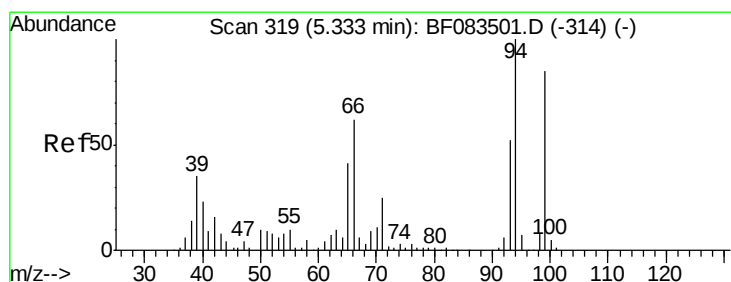
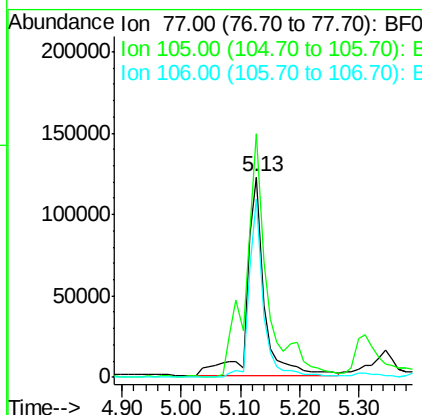
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 36.20 ng

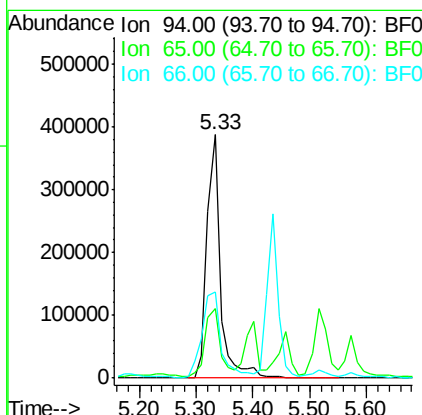
RT: 5.33 min Scan# 319

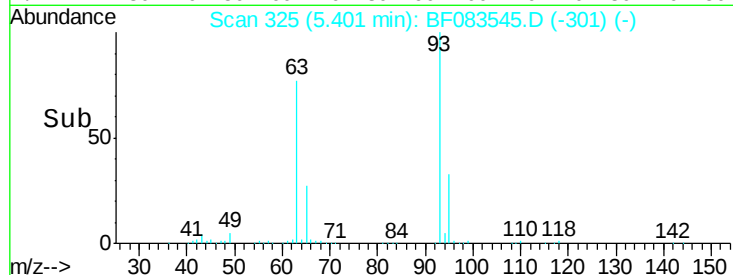
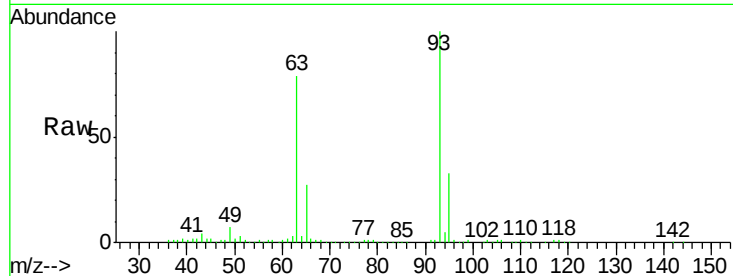
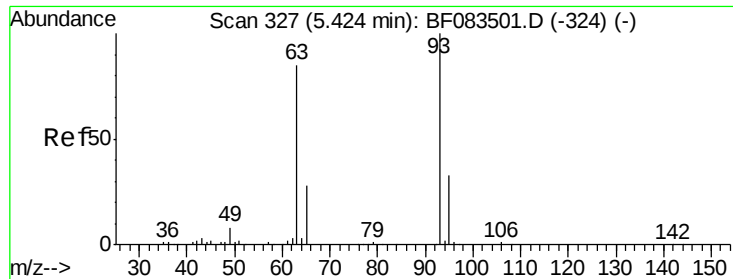
Delta R.T. -0.00 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.9	60.9
66	35.2	41.6	81.6#





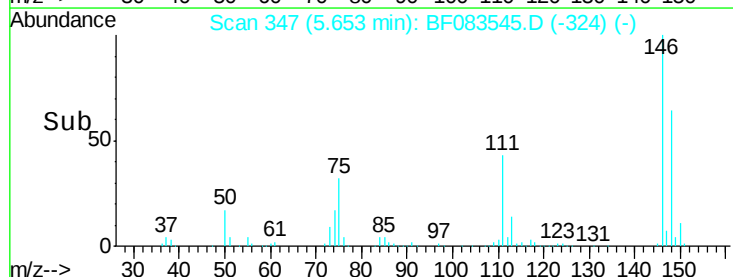
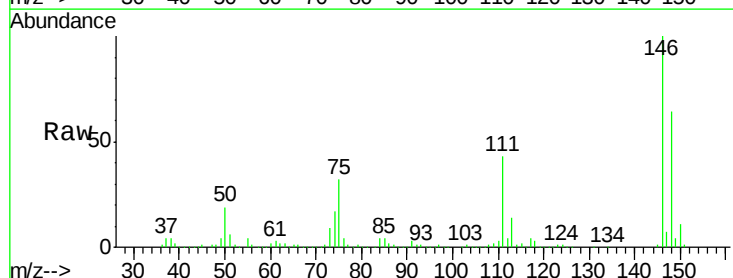
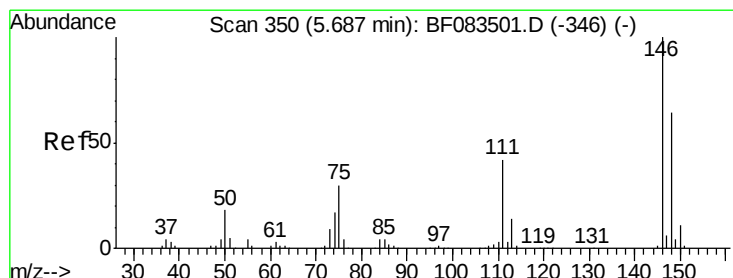
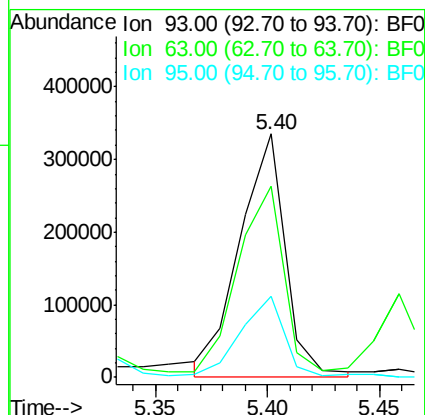
#11
bis(2-Chloroethyl)ether
Concen: 37.57 ng/ml
RT: 5.40 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tot Ion	93	Resp	477136
Ion Ratio	Lower	Upper	
93	100		
63	78.7	64.7	104.7
95	33.1	12.7	52.7

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

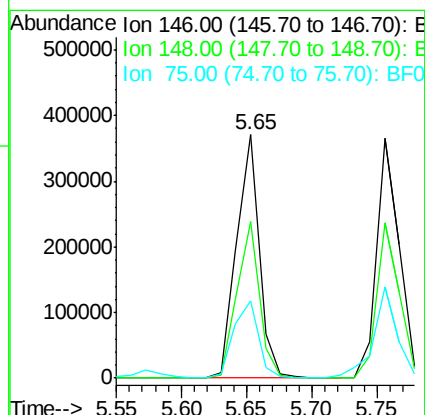
Manual Integrations
APPROVED

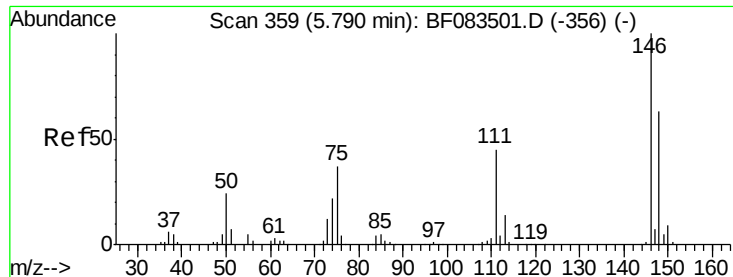
Mmdadoda
12/7/2015 6:33:35 PM



#12
1,3-Dichlorobenzene
Concen: 33.94 ng/ml
RT: 5.65 min Scan# 347
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	146	Resp	445262
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.3	76.9
75	31.6	24.1	36.1





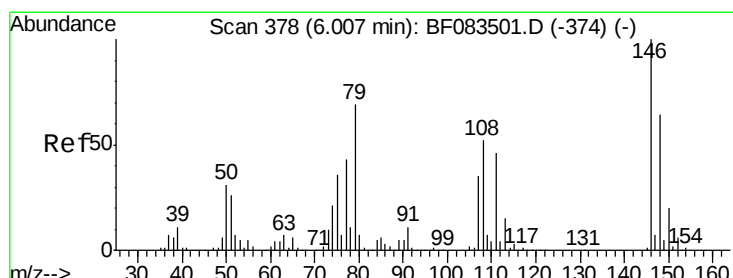
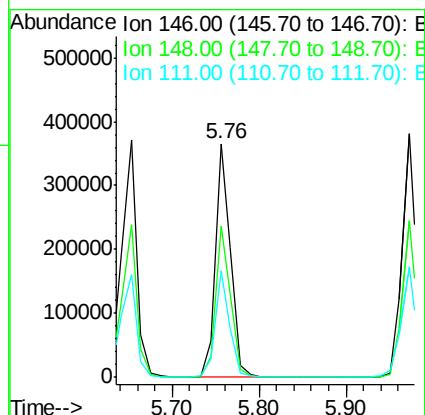
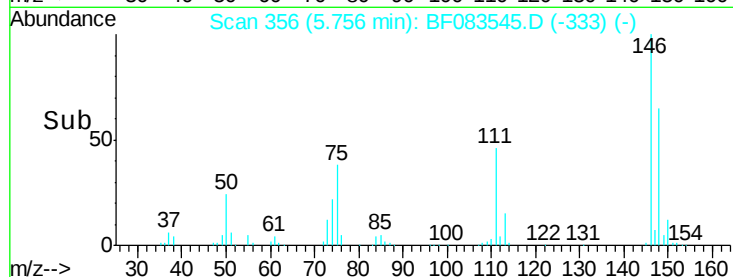
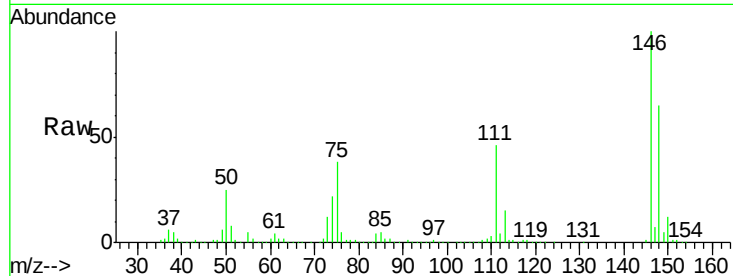
#13
1,4-Dichlorobenzene
Concen: 33.48 ng
RT: 5.76 min Scan# 356
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleID :
K204-0-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	76.0
111	45.7	36.1	54.1

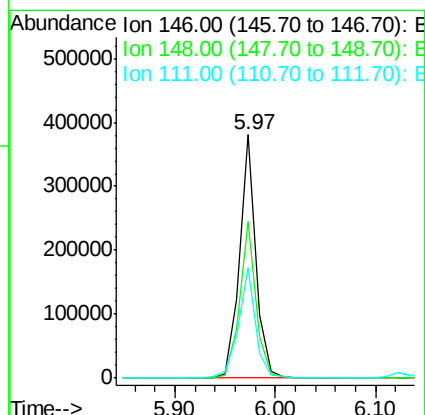
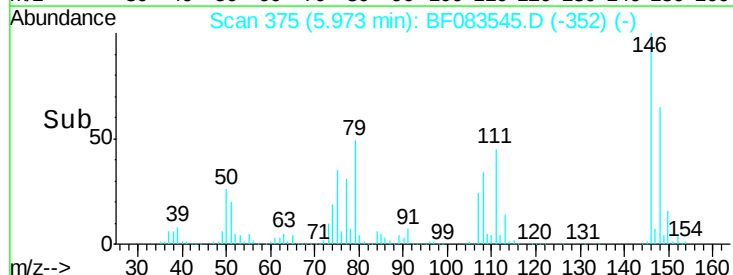
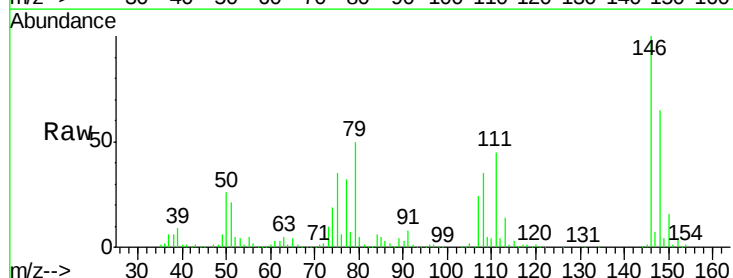
Manual Integrations
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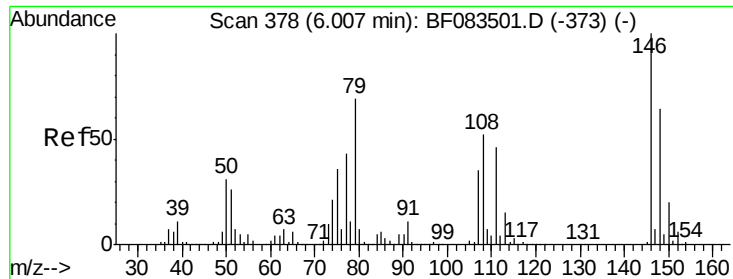
Mmdadoda
12/7/2015 6:33:35 PM



#14
1,2-Dichlorobenzene
Concen: 34.72 ng
RT: 5.97 min Scan# 375
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	45.3	36.7	55.1





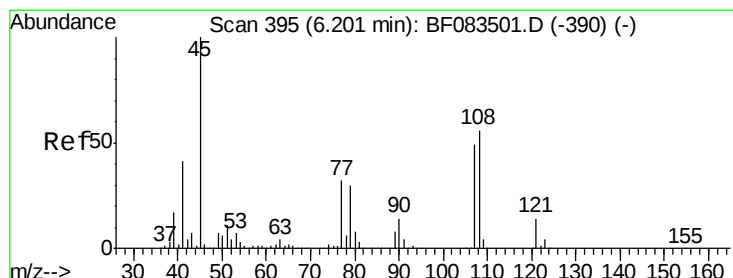
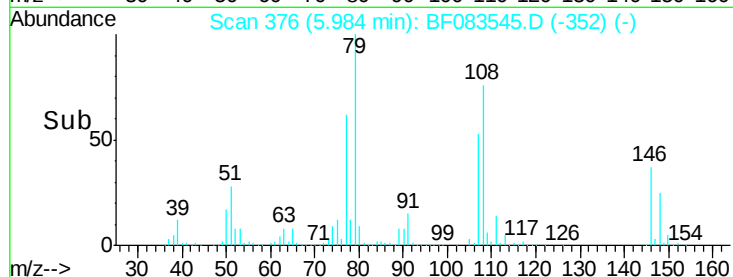
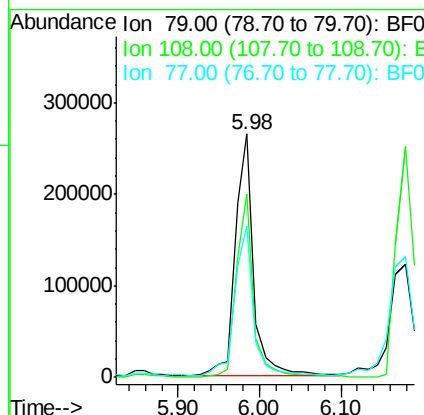
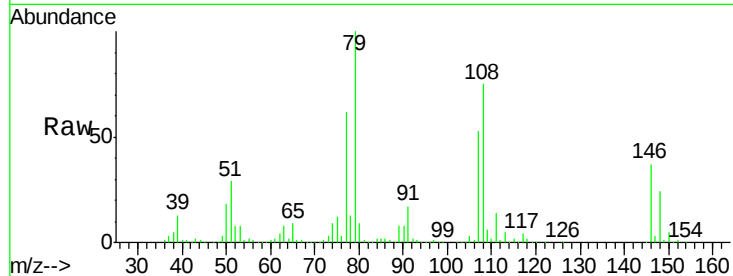
#15
Benzyl Alcohol
Concen: 40.32 ng
RT: 5.98 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	75.1	59.6	89.4		
77	62.1	49.8	74.6		

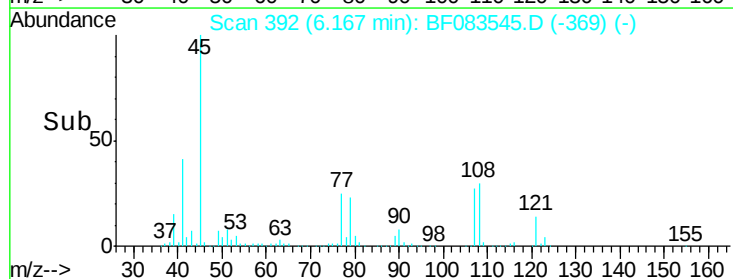
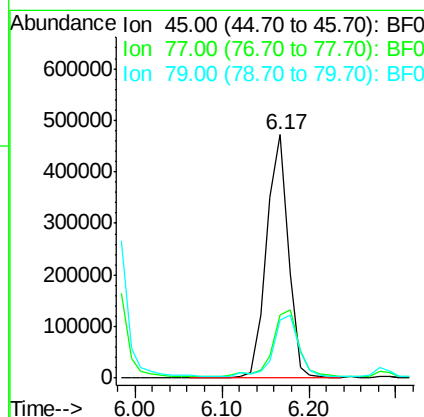
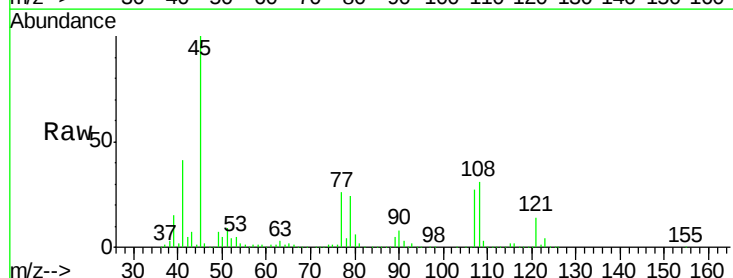
Manual Integrations
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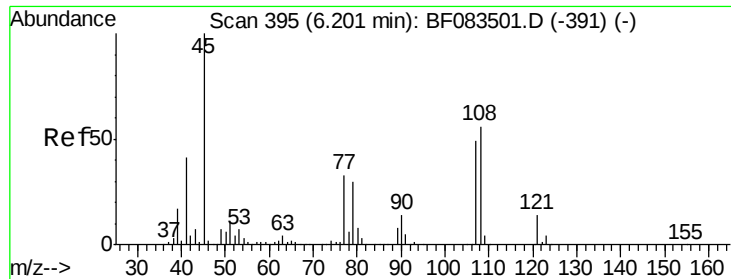
Mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.53 ng
RT: 6.17 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	25.7	12.8	52.8		
79	23.8	10.7	50.7		





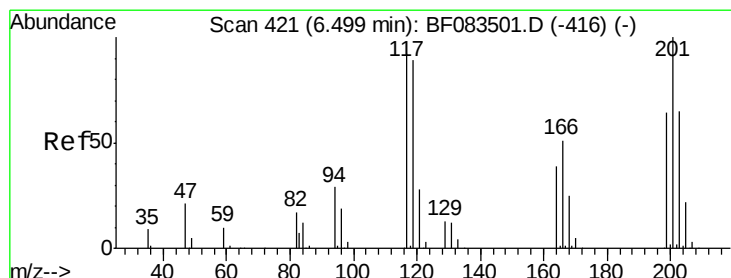
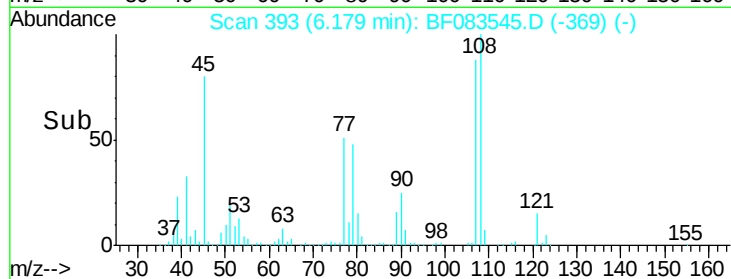
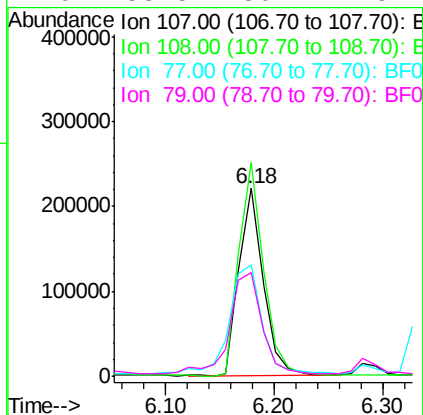
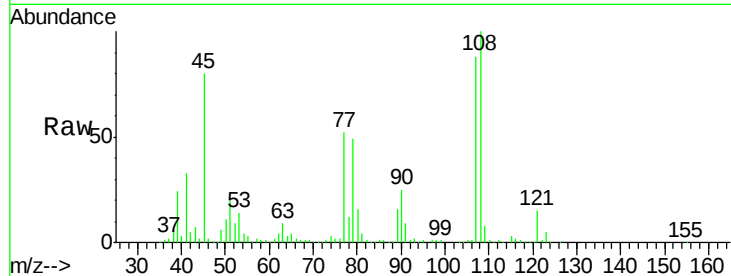
#17
2-Methylphenol
Concen: 34.72 ng
RT: 6.18 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	91.6	137.4	
77	59.6	53.7	80.5	
79	55.5	50.2	75.4	

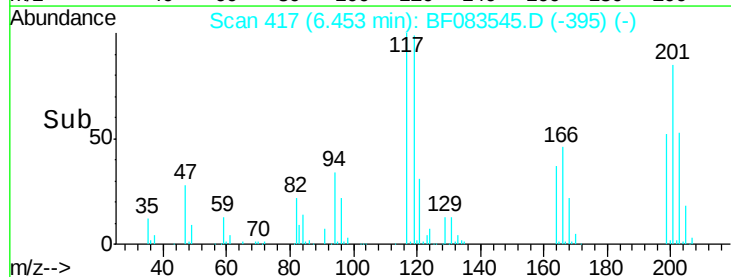
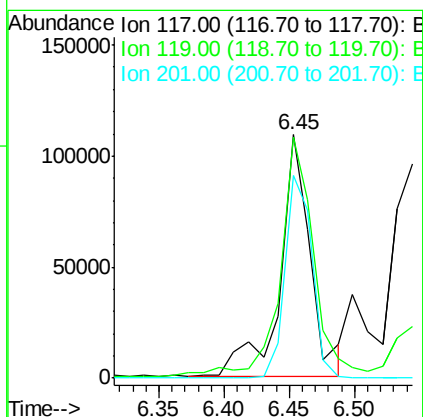
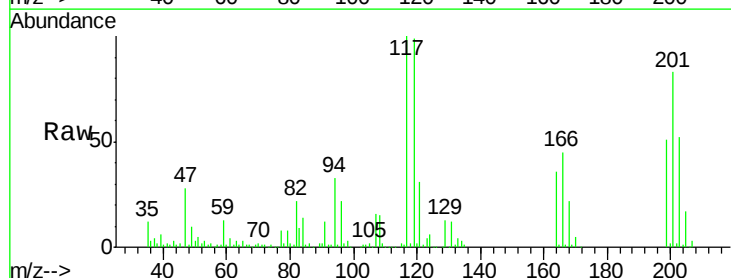
Manual Integrations
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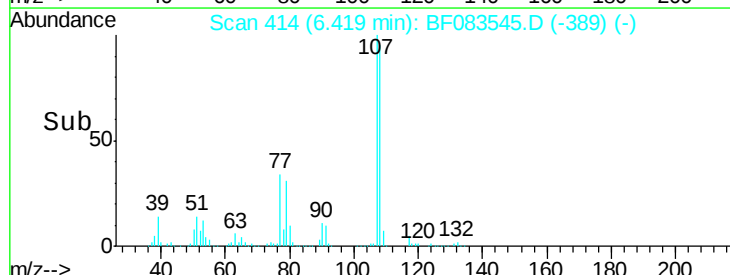
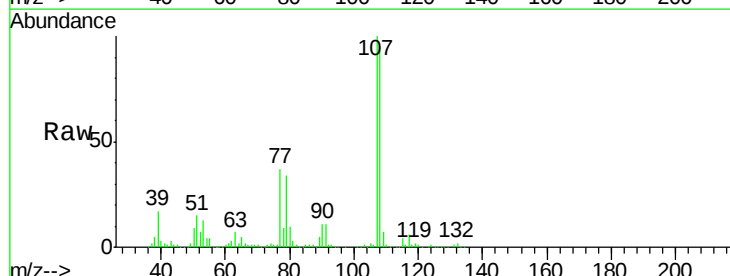
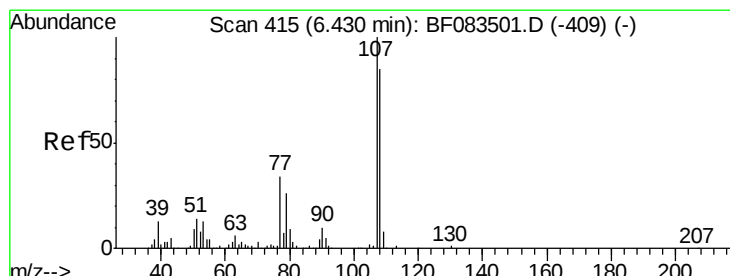
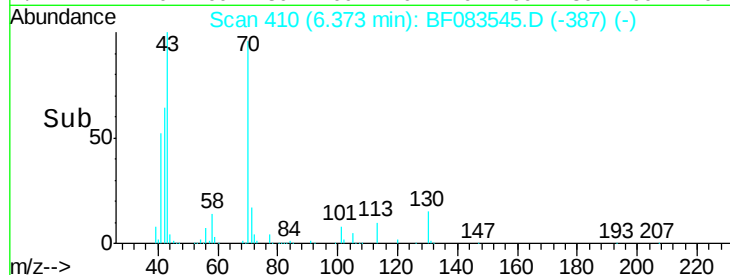
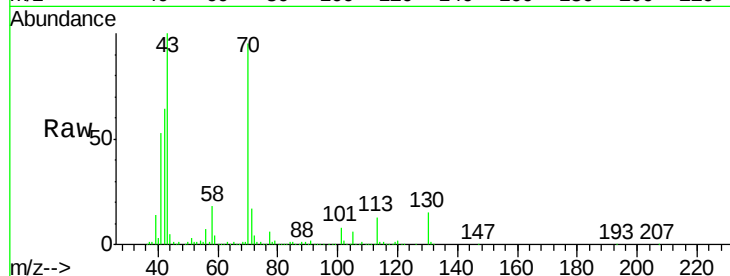
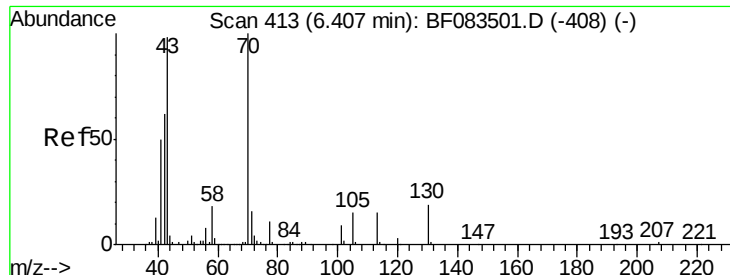
Mmdadoda
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#18
Hexachloroethane
Concen: 38.01 ng
RT: 6.45 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.1	77.2	115.8	
201	83.1	86.8	130.2#	





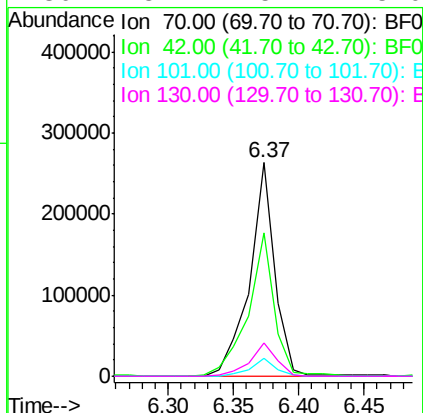
#19
n-Nitroso-di-n-propylamine
Concen: 36.52 ng
RT: 6.37 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		357047		
42	67.2	49.2	73.8		
101	8.5	7.1	10.7		
130	15.7	15.4	23.0		

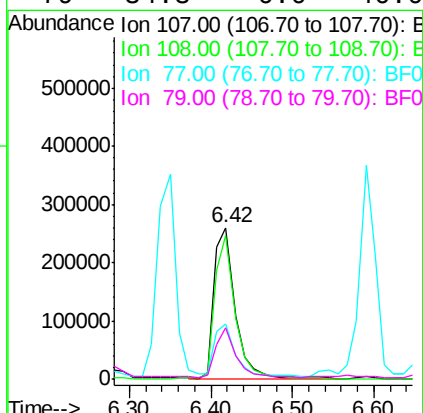
Manual Integrations
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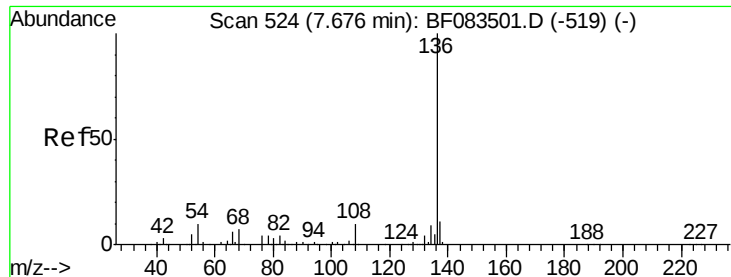
Mmdadoda
12/7/2015 6:33:35 PM



#20
3+4-Methylphenols
Concen: 36.46 ng
RT: 6.42 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		462385		
108	95.0	65.2	105.2		
77	36.7	15.2	55.2		
79	34.3	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: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

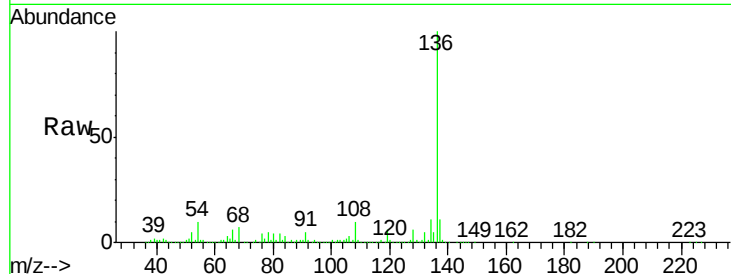
ClientSampleId :

K204-0-2MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.6	7.8	11.6
68	7.0	5.7	8.5

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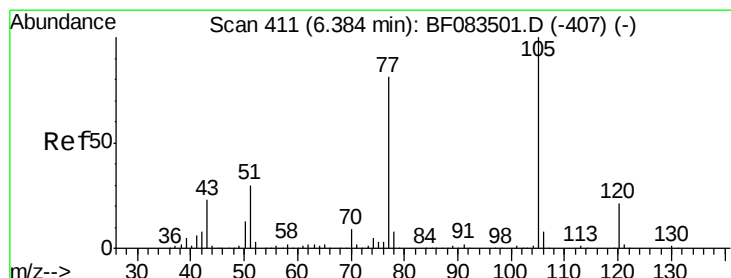
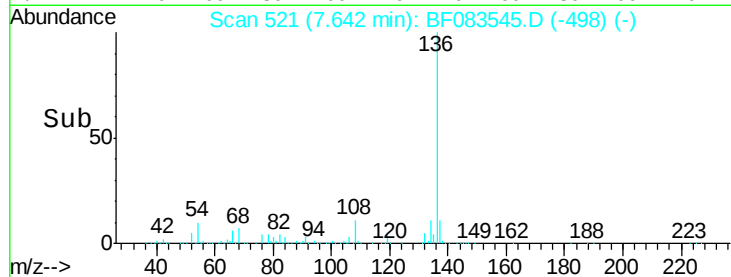
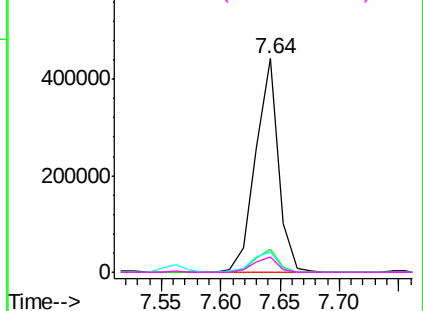


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.14 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

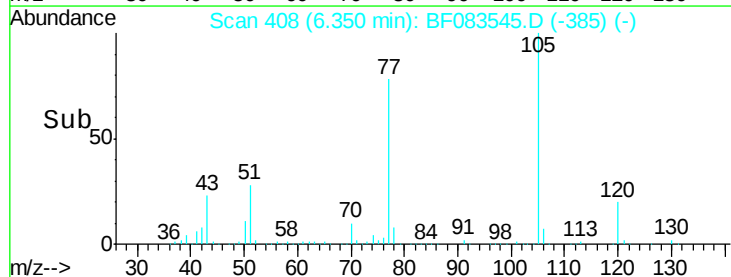
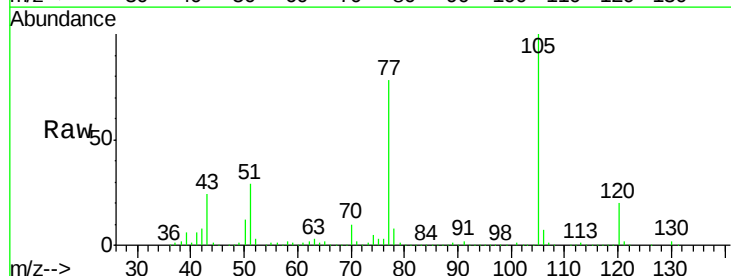
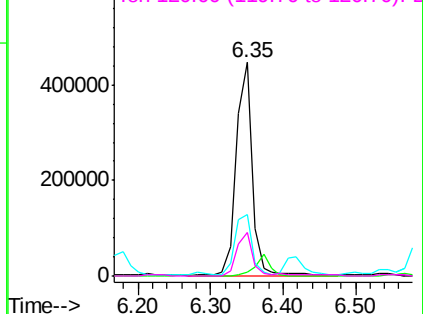
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.8	1.3	1.9
51	28.6	23.8	35.8
120	20.3	16.7	25.1

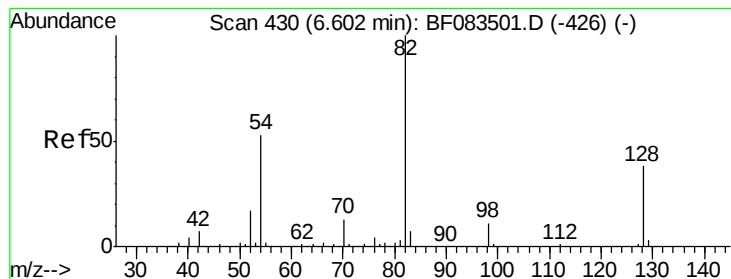
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.86 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

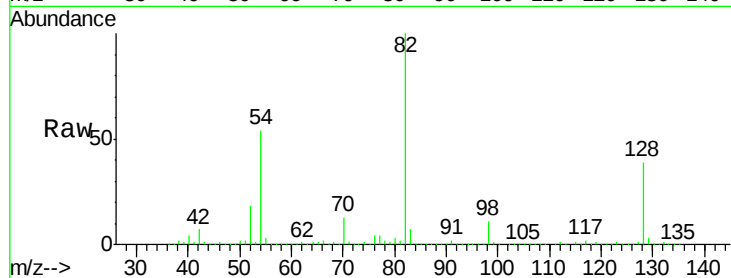
ClientSampleId :

K204-0-2MS

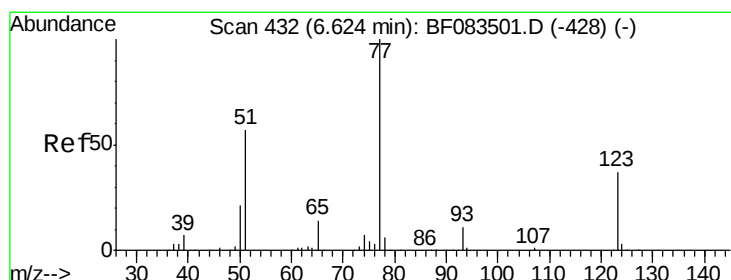
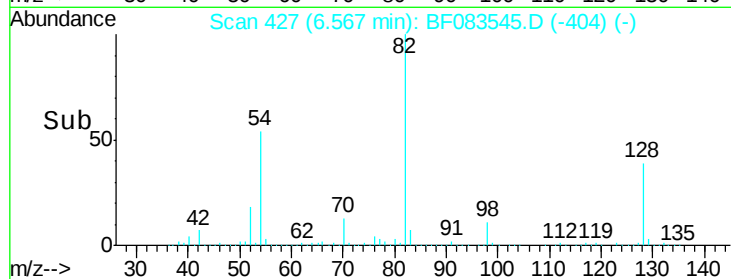
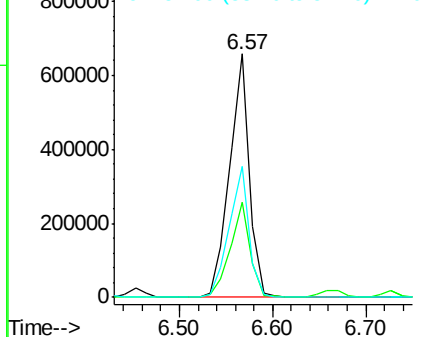
Tot Ion:	82	Resp:	974862
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.7	46.1
54	53.8	42.5	63.7

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



#24

Nitrobenzene

Concen: 36.19 ng

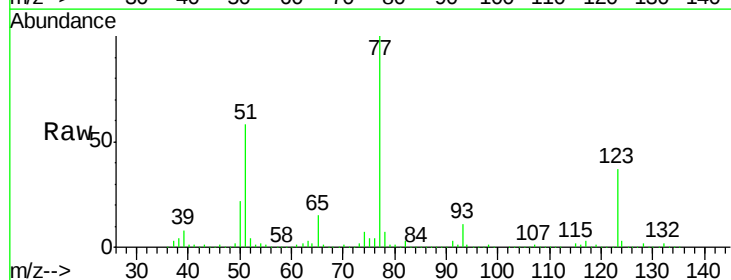
RT: 6.59 min Scan# 429

Delta R.T. -0.03 min

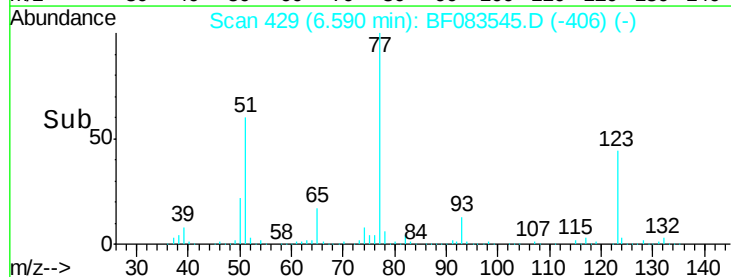
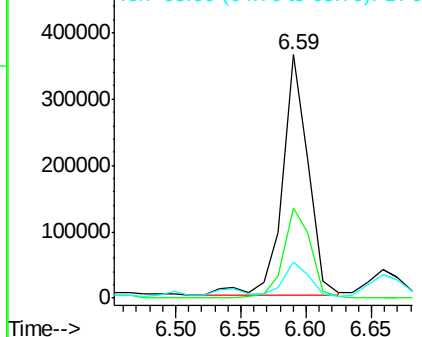
Lab File: BF083545.D

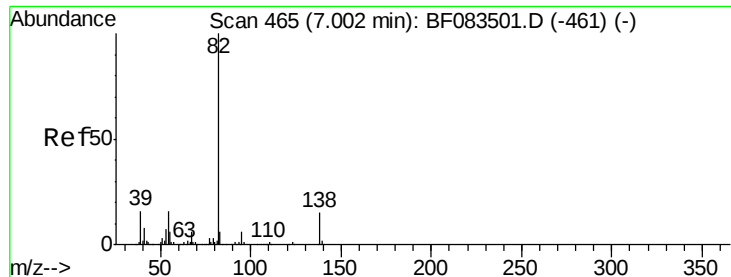
Acq: 7 Dec 2015 6:18

Tgt Ion:	77	Resp:	505490
Ion Ratio	Lower	Upper	
77	100		
123	37.2	29.8	44.6
65	14.9	11.1	16.7



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





#25

Isophorone

Concen: 36.28 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

ClientSampleId :

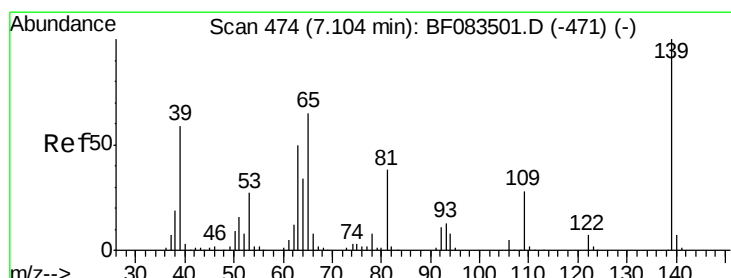
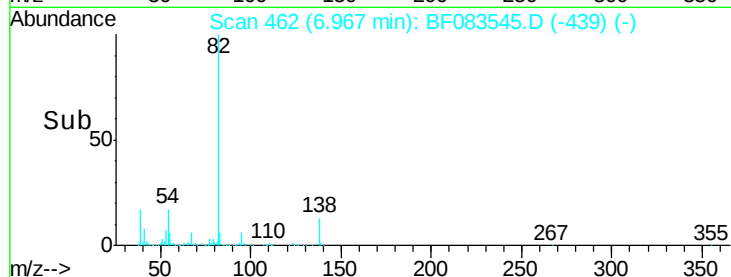
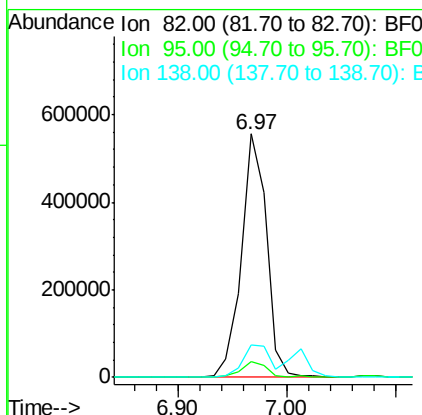
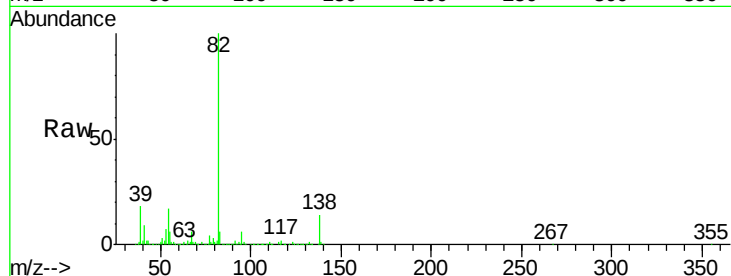
K204-0-2MS

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Tot Ion:	82	Resp:	883629
Ion Ratio		Lower	Upper
82	100		
95	6.2	5.0	7.4
138	13.6	12.1	18.1



#26

2-Nitrophenol

Concen: 38.18 ng

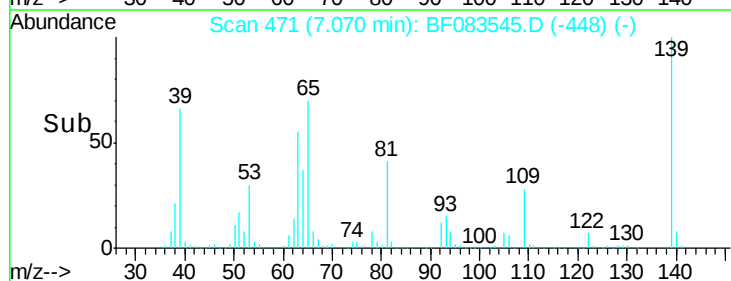
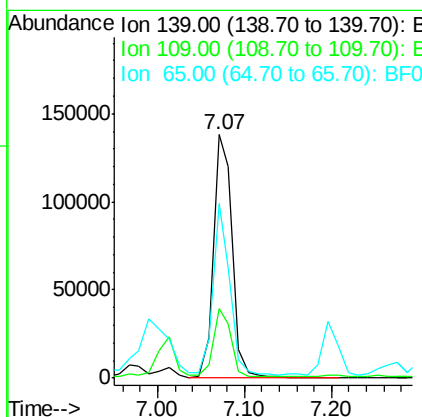
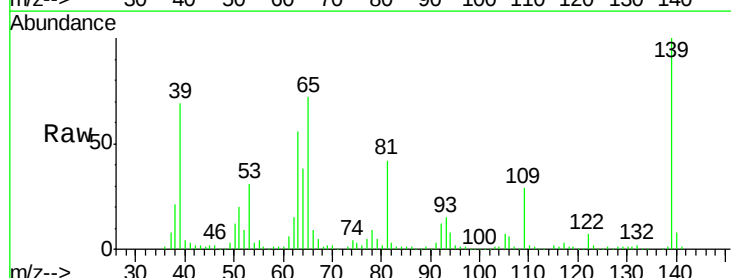
RT: 7.07 min Scan# 471

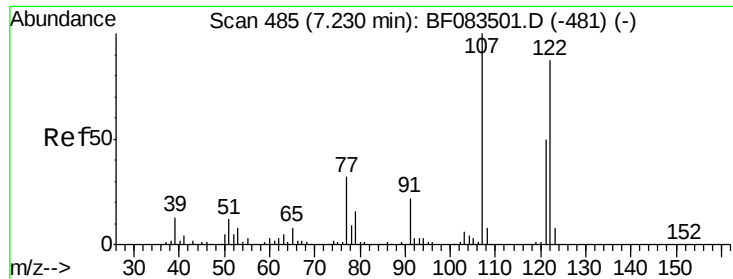
Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:	139	Resp:	210460
Ion Ratio		Lower	Upper
139	100		
109	28.8	22.7	34.1
65	71.9	51.8	77.8





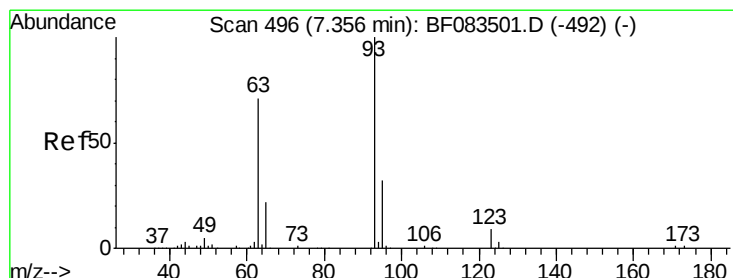
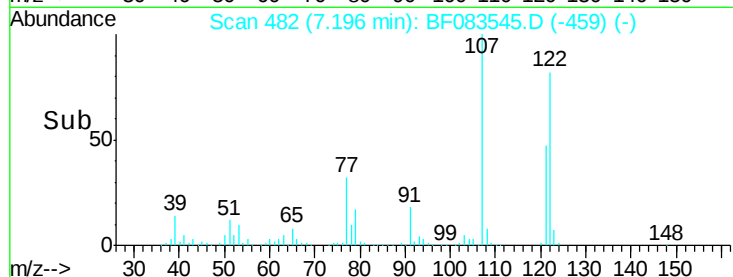
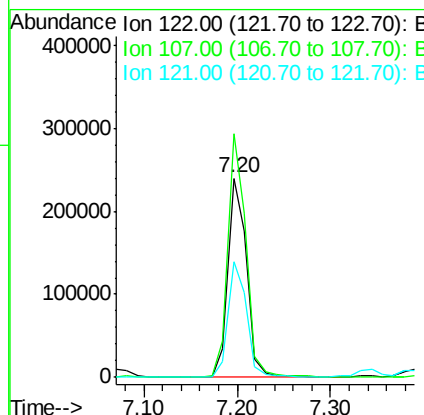
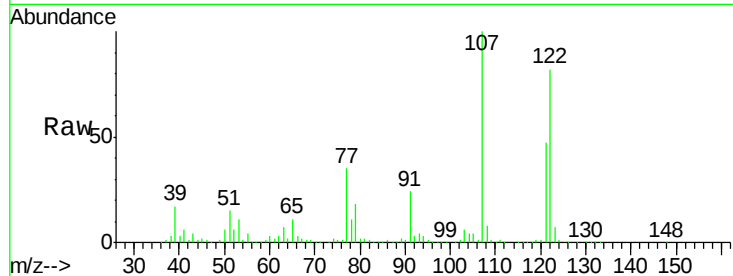
#27
 2,4-Dimethylphenol
 Concen: 34.07 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.03 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Instrument :
 BNA_F
 ClientSampleId :
 K204-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	331807		
107	122.1	92.4	138.6	
121	57.8	45.8	68.6	

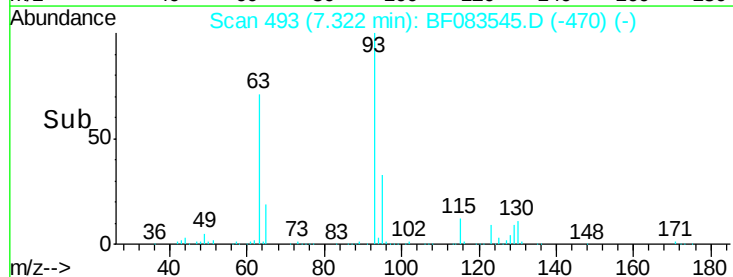
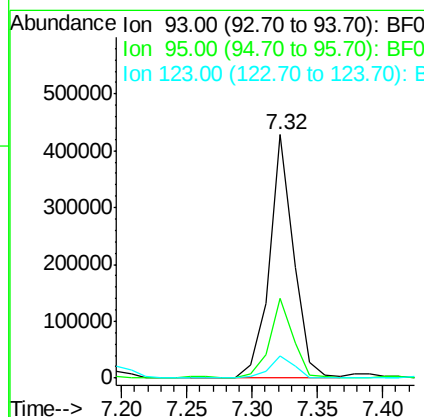
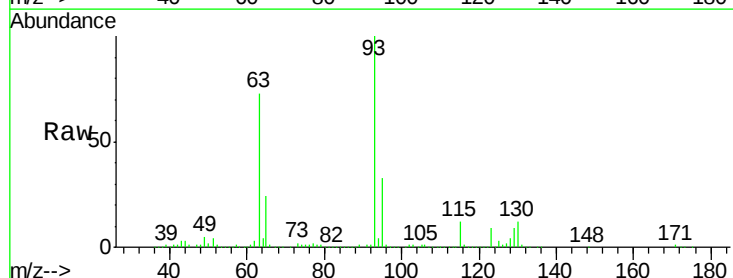
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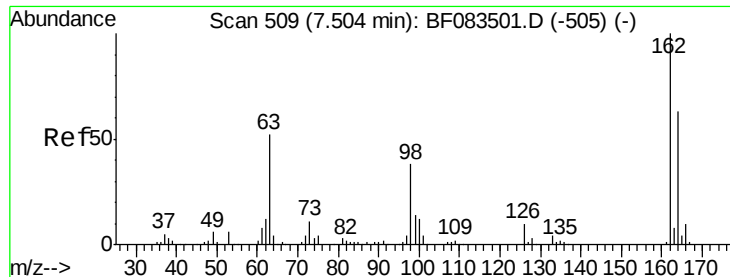
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.94 ng
 RT: 7.32 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	555674		
95	32.8	25.6	38.4	
123	9.0	7.3	10.9	





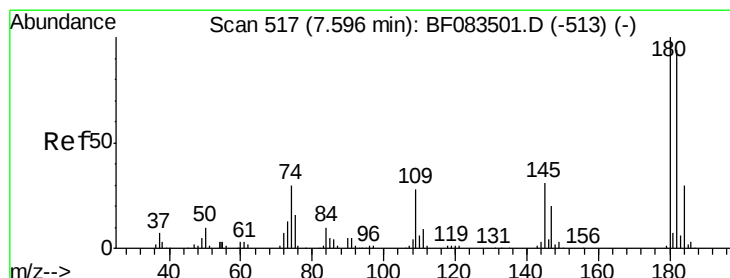
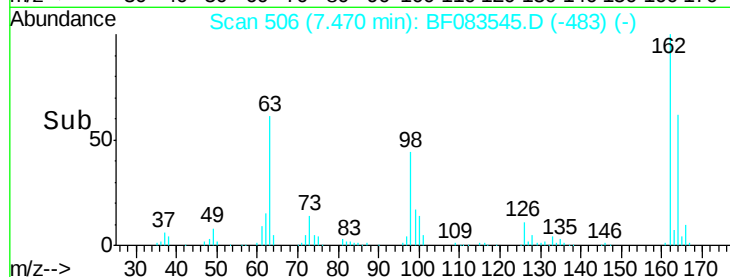
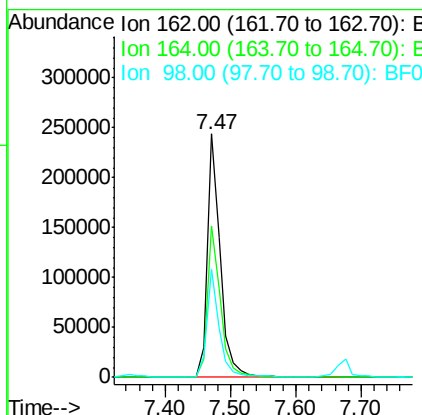
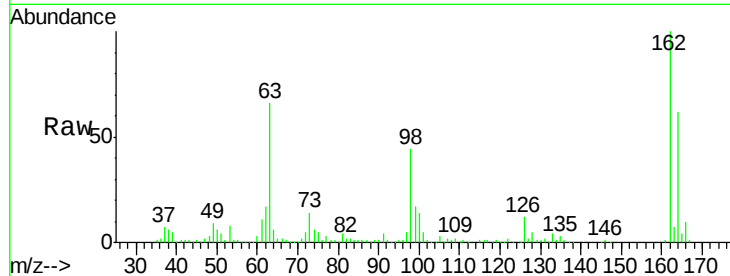
#29
2,4-Dichlorophenol
Concen: 38.11 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.2	43.4	83.4
98	44.2	17.5	57.5

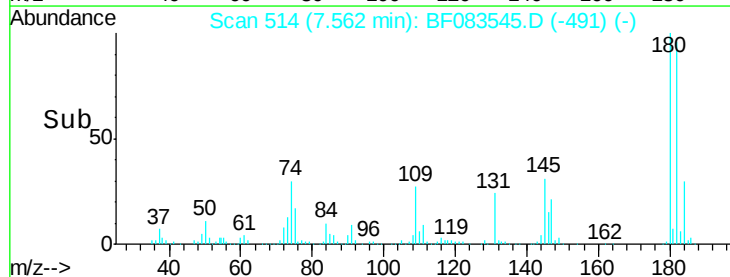
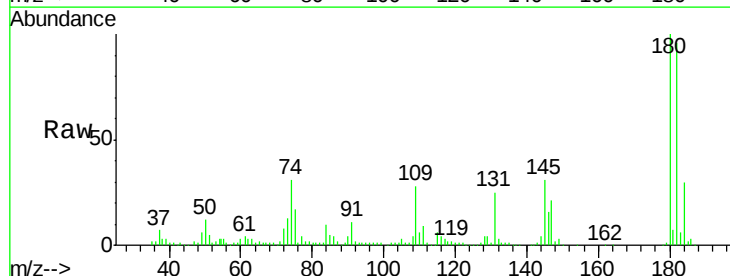
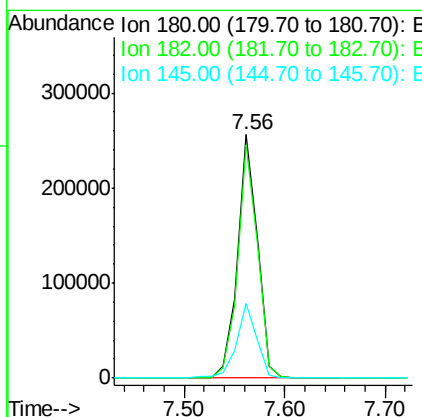
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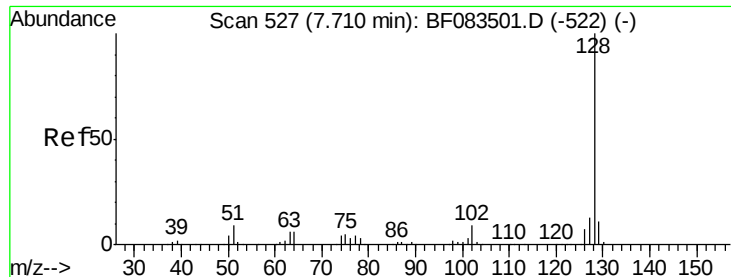
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12/7/2015 6:33:35 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.15 ng
RT: 7.56 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	74.9	112.3
145	30.7	24.7	37.1





#31

Naphthalene

Concen: 46.91 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

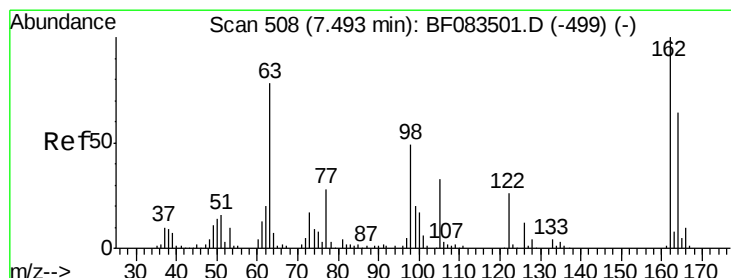
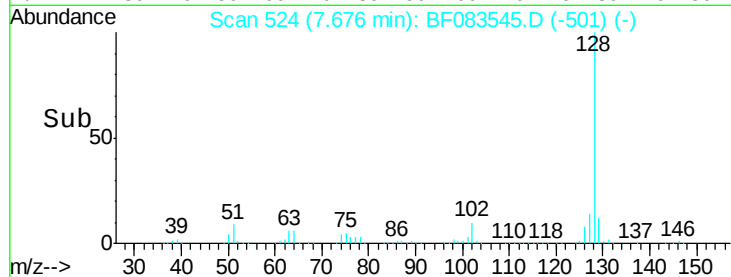
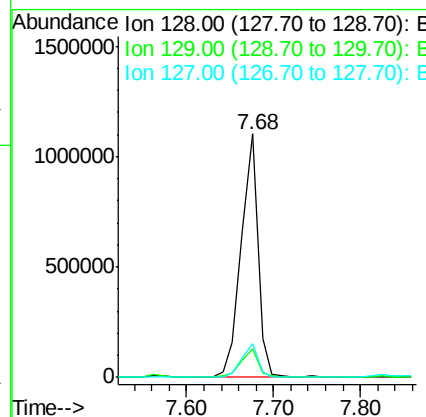
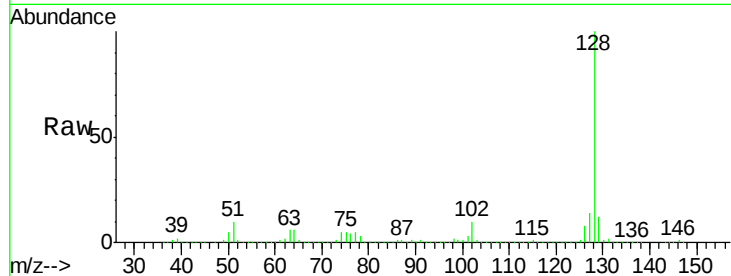
ClientSampleId :

K204-0-2MS

Tot Ion:	128	Resp:	1480402
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.6	13.0
127	13.9	10.6	16.0

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#32

Benzoic acid

Concen: 22.10 ng

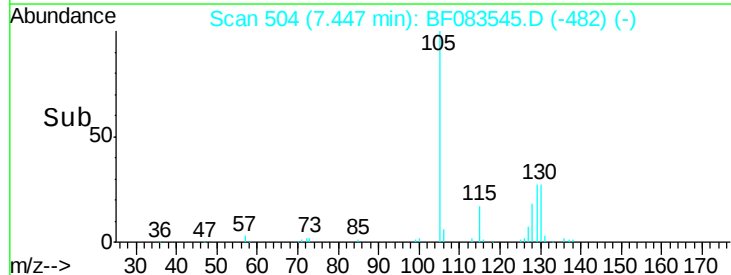
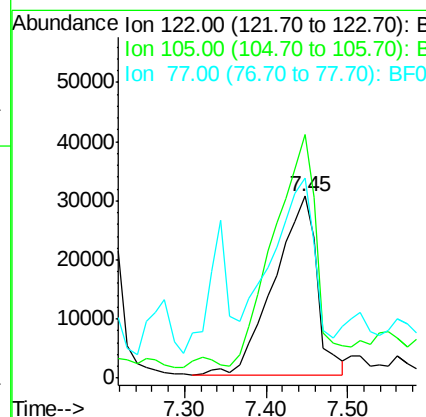
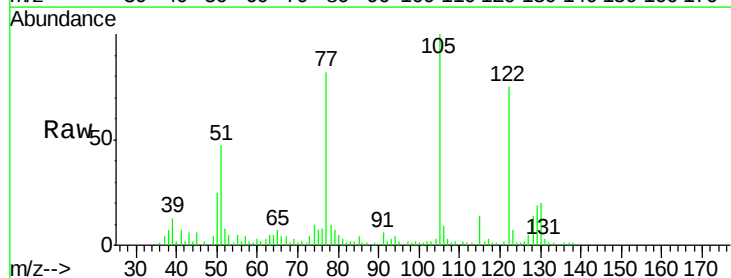
RT: 7.45 min Scan# 504

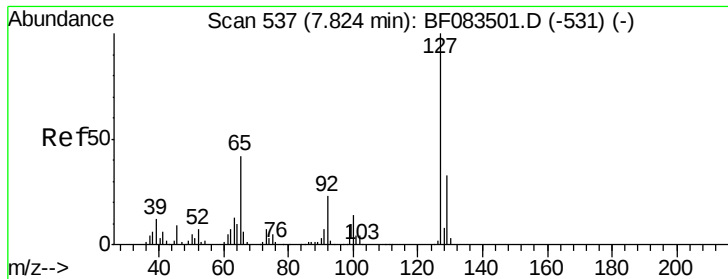
Delta R.T. -0.05 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:	122	Resp:	110383
Ion Ratio	Lower	Upper	
122	100		
105	133.8	105.6	145.6
77	109.7	86.8	126.8





#33

4-Chloroaniline

Concen: 3.14 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF083545.D

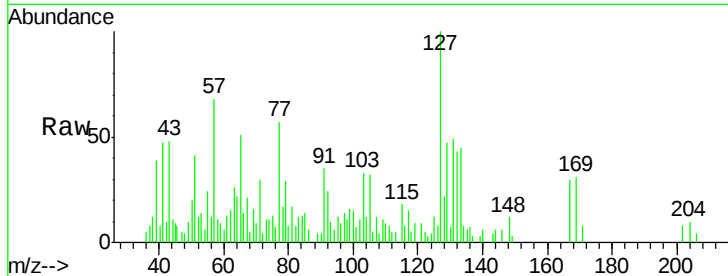
Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

ClientSampleId :

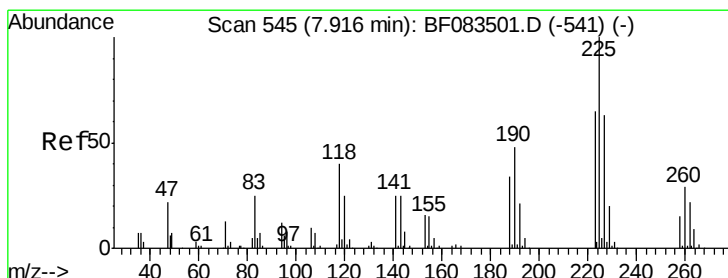
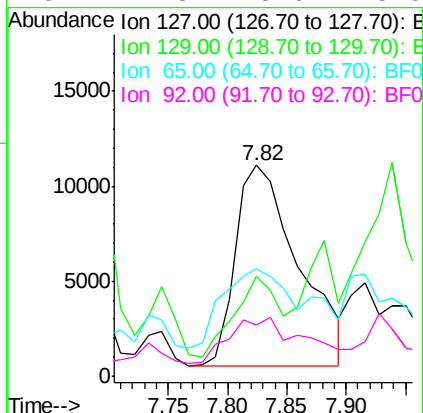
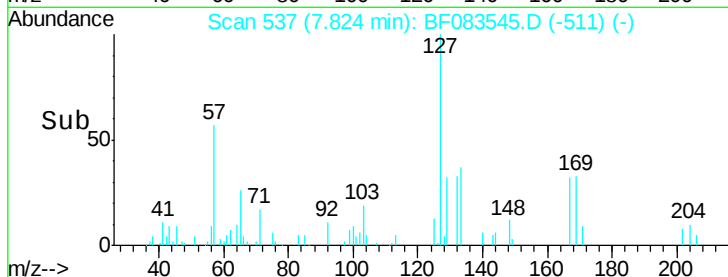
K204-0-2MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	47.4	26.1	39.1#		
65	51.3	33.5	50.3#		
92	24.3	18.6	28.0		

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#34

Hexachlorobutadiene

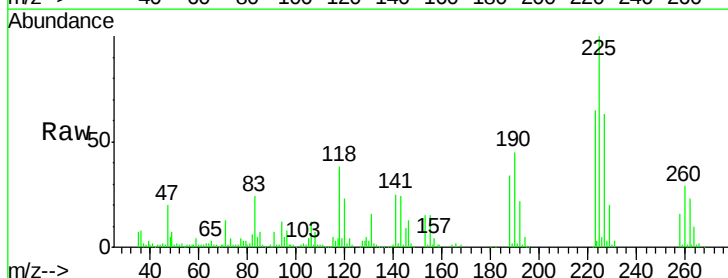
Concen: 35.35 ng

RT: 7.88 min Scan# 542

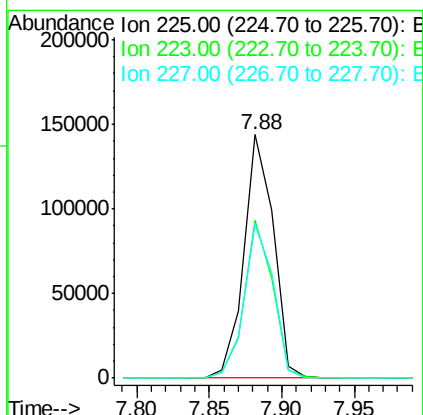
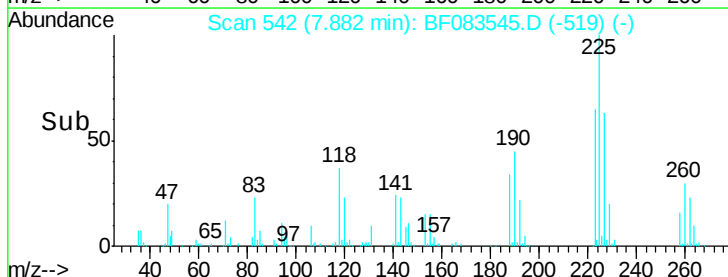
Delta R.T. -0.03 min

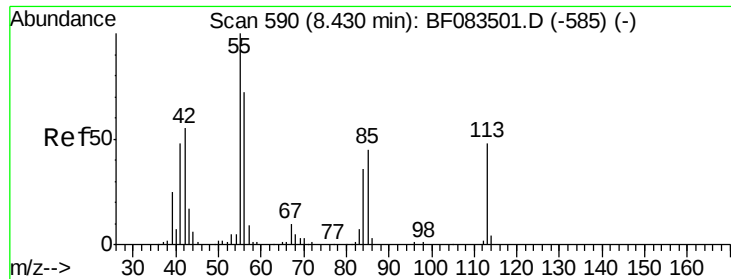
Lab File: BF083545.D

Acq: 7 Dec 2015 6:18



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	52.3	78.5		
227	63.1	50.4	75.6		





#35

Caprolactam

Concen: 37.56 ng

RT: 8.40 min Scan# 587

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

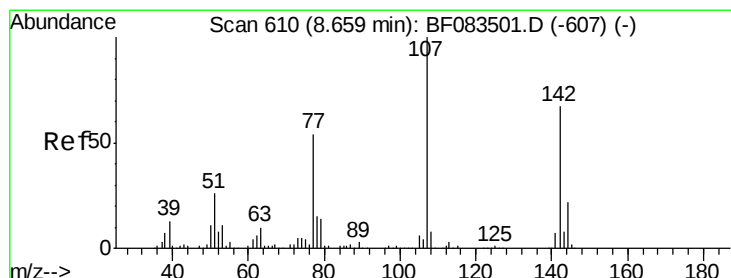
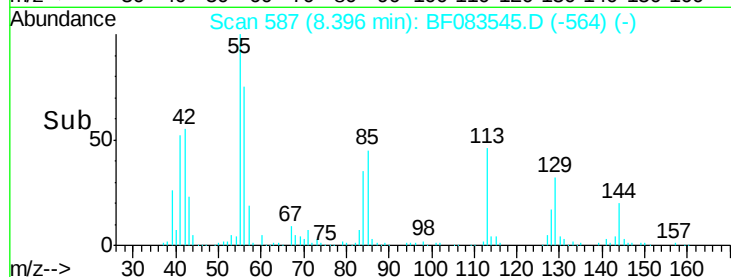
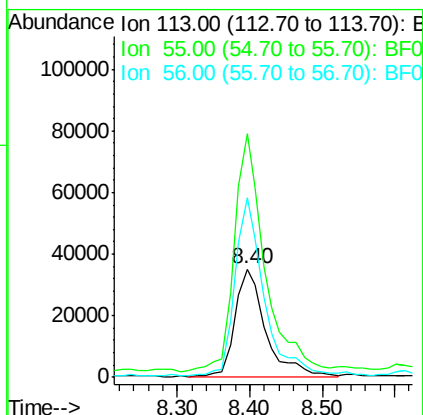
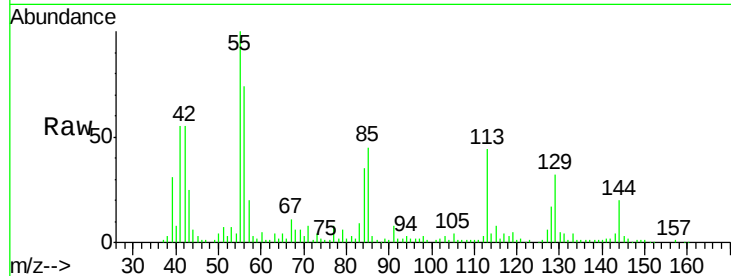
ClientSampleId :

K204-0-2MS

Tot Ion:	113	Resp:	105058
Ion Ratio	Lower	Upper	
113	100		
55	224.8	189.7	229.7
56	166.1	130.7	170.7

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#36

4-Chloro-3-methylphenol

Concen: 34.82 ng

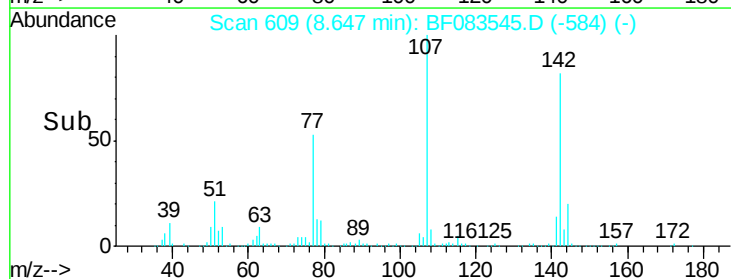
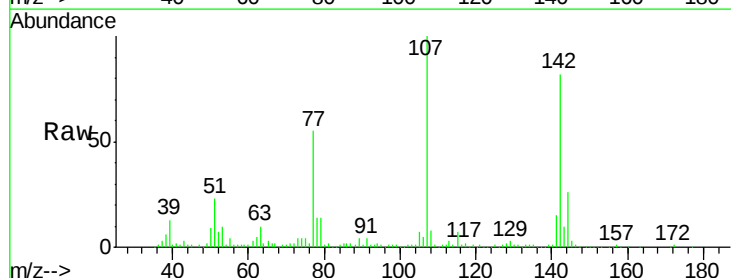
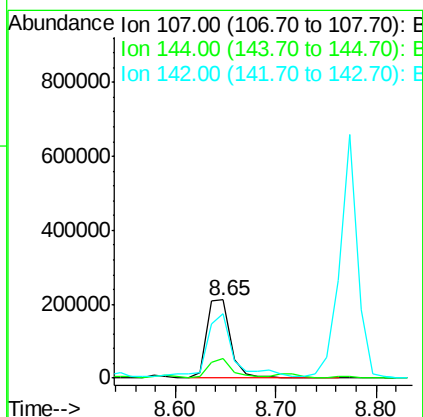
RT: 8.65 min Scan# 609

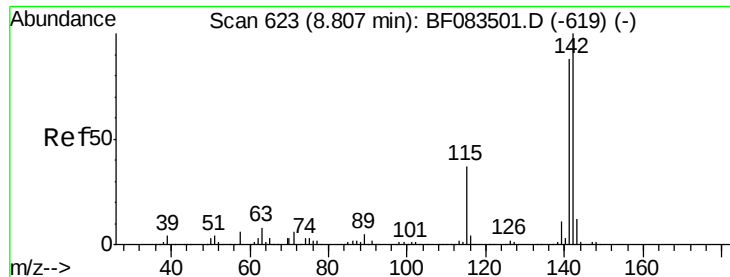
Delta R.T. -0.01 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:	107	Resp:	344609
Ion Ratio	Lower	Upper	
107	100		
144	25.7	17.5	26.3
142	81.6	53.6	80.4#





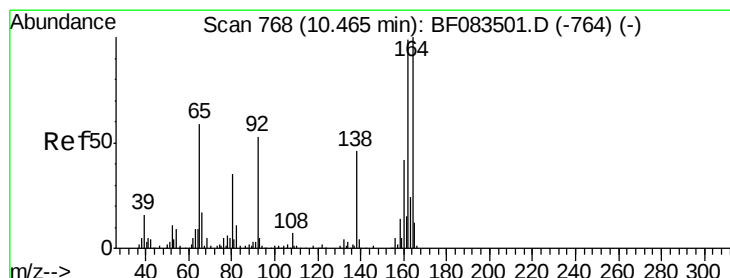
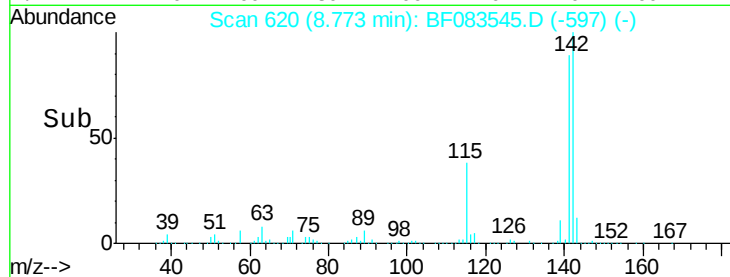
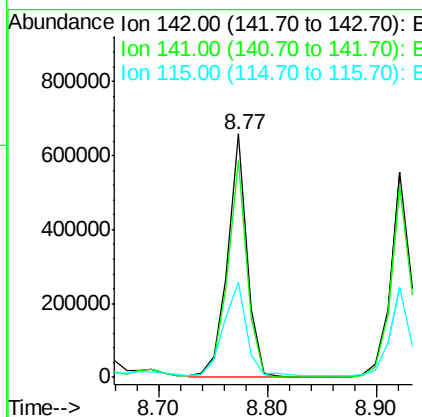
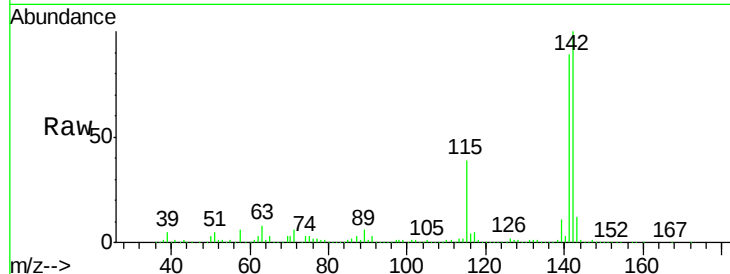
#37
2-Methylnaphthalene
Concen: 41.52 ng
RT: 8.77 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	39.1	29.2	43.8

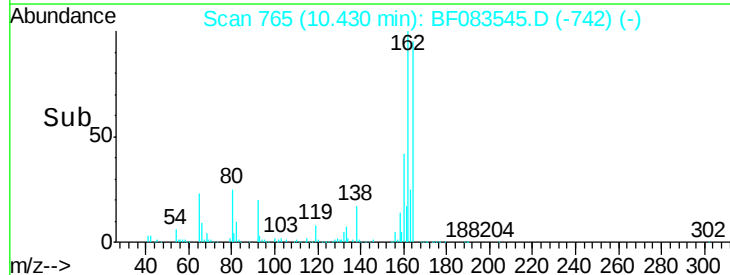
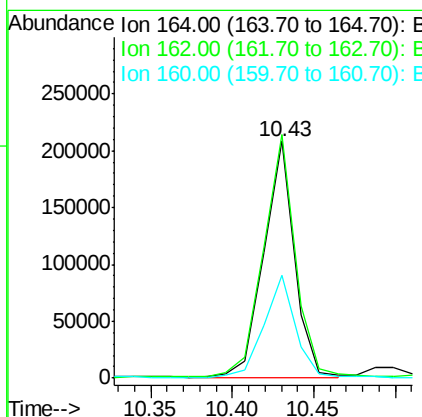
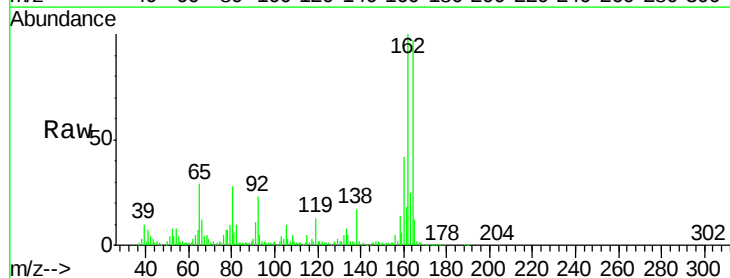
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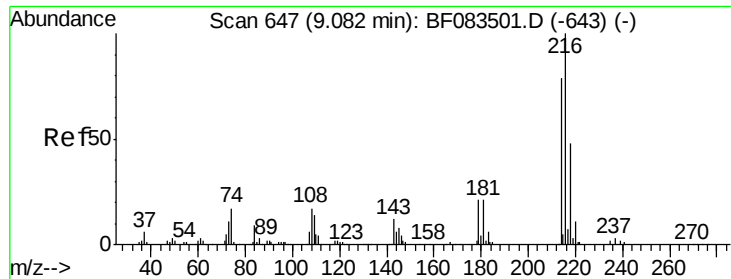
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	43.4	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.06 ng

RT: 9.05 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

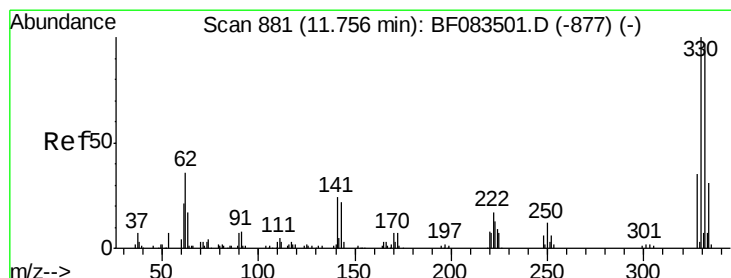
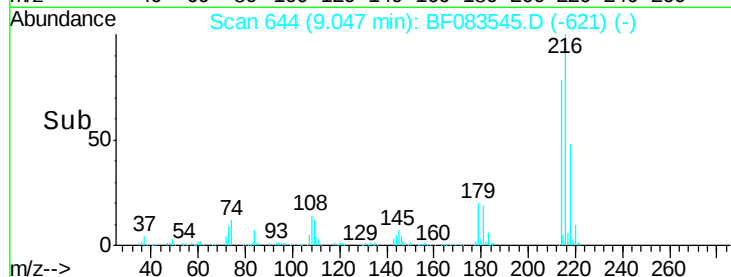
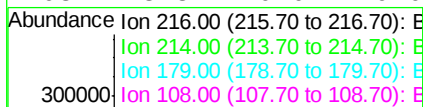
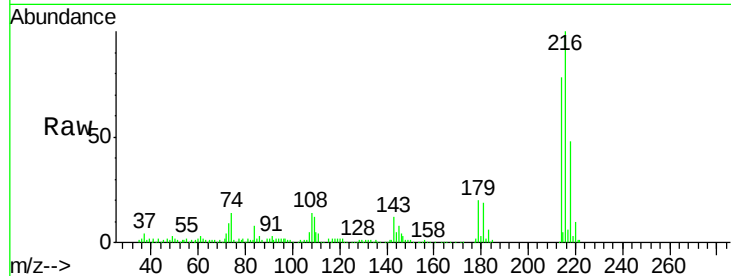
ClientSampleId :

K204-0-2MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	0.0	0.0#
179	21.9	0.0	0.0#
108	18.8	0.0	0.0#

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#41

2,4,6-Tribromophenol

Concen: 95.72 ng

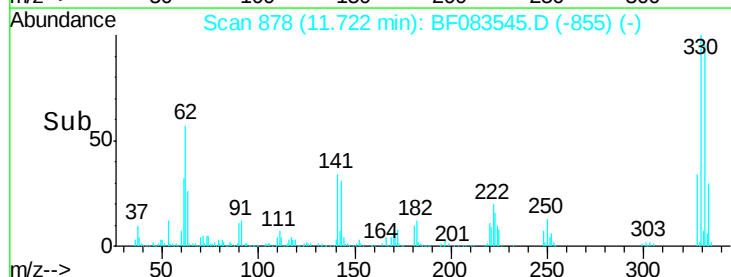
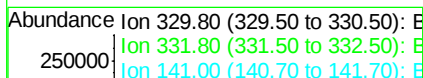
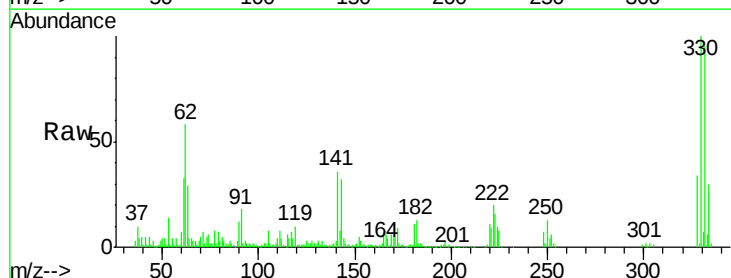
RT: 11.72 min Scan# 878

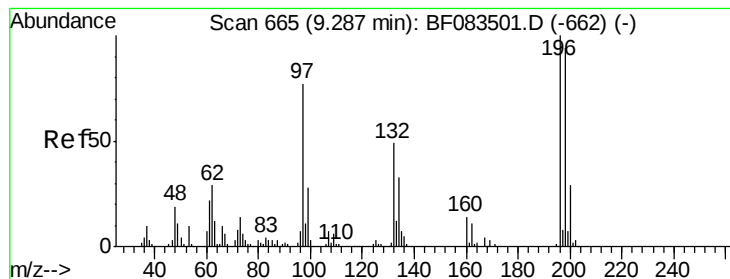
Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	41.6	0.0	0.0#





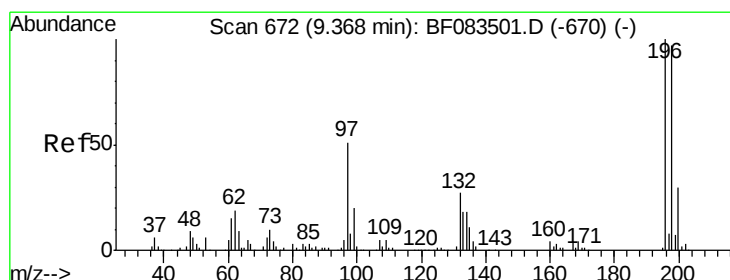
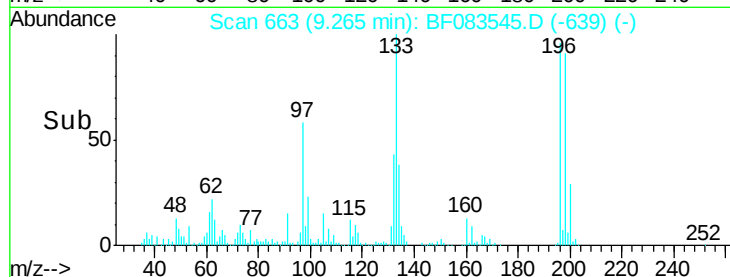
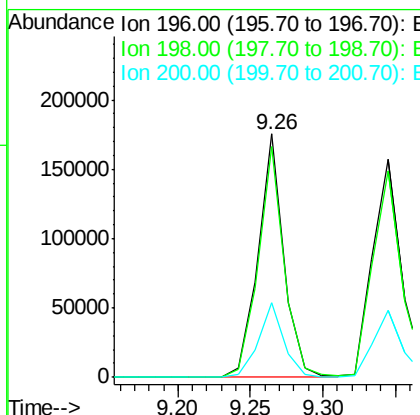
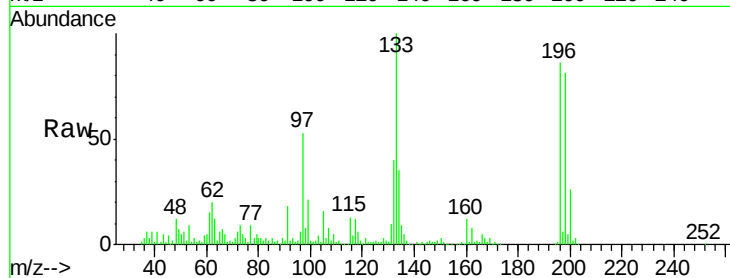
#42
 2,4,6-Trichlorophenol
 Concen: 38.58 ng
 RT: 9.26 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Instrument :
 BNA_F
 ClientSampleId :
 K204-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	216012		
198	94.7	75.2	112.8	
200	30.7	23.0	34.6	

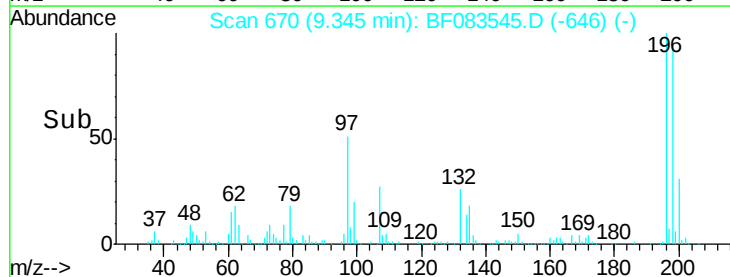
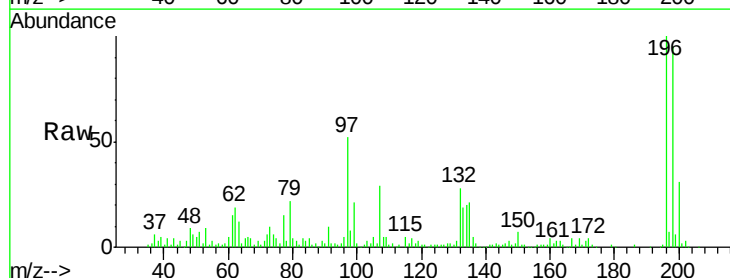
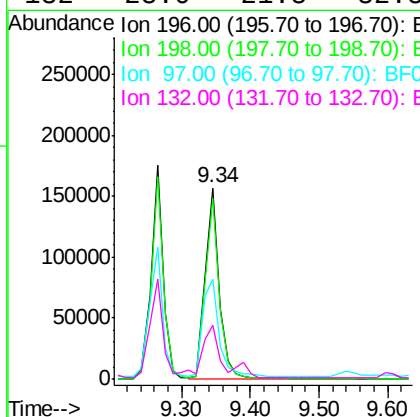
Manual Integrations
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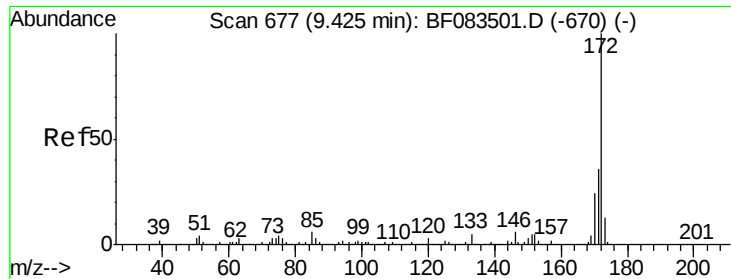
Mmdadoda
 12/7/2015 6:33:35 PM



#43
 2,4,5-Trichlorophenol
 Concen: 39.06 ng
 RT: 9.34 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225271		
198	94.7	77.7	116.5	
97	52.2	41.2	61.8	
132	28.0	21.8	32.8	





#44

2-Fluorobiphenyl

Concen: 68.81 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

ClientSampleId :

K204-0-2MS

Tot Ion:172 Resp: 1375992

Ion Ratio Lower Upper

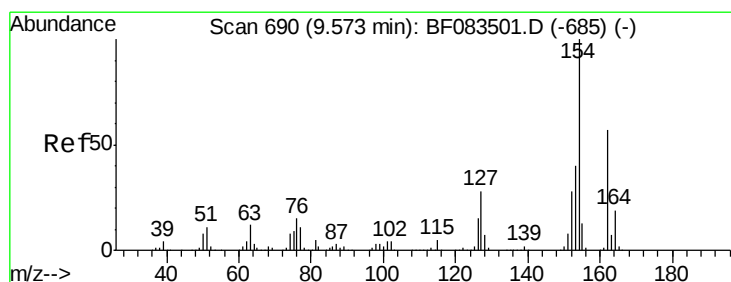
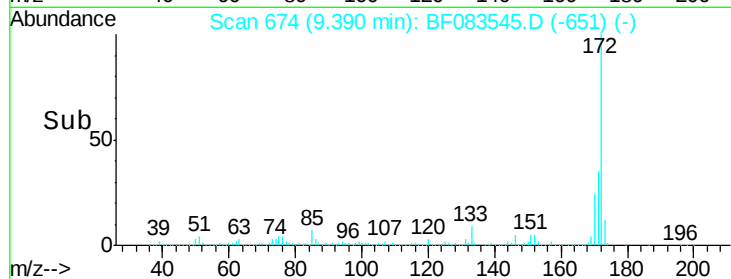
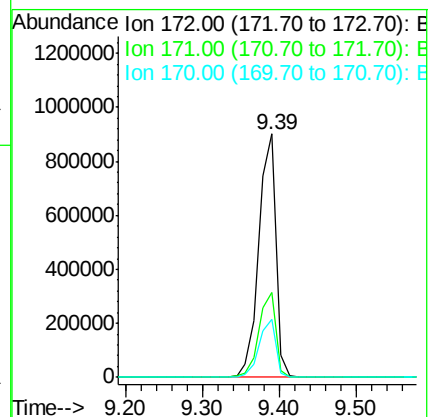
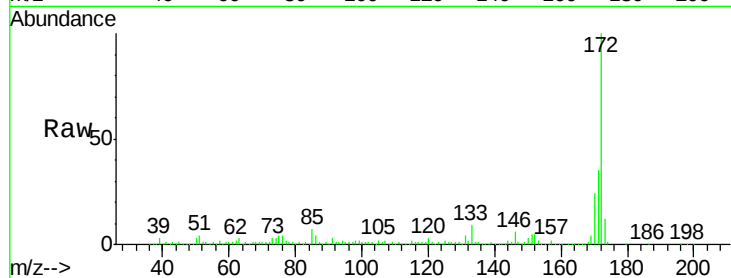
172 100

171 35.0 28.6 42.8

170 23.9 19.4 29.0

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Mmdadoda
12/7/2015 6:33:35 PM



#45

1,1'-Biphenyl

Concen: 35.19 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

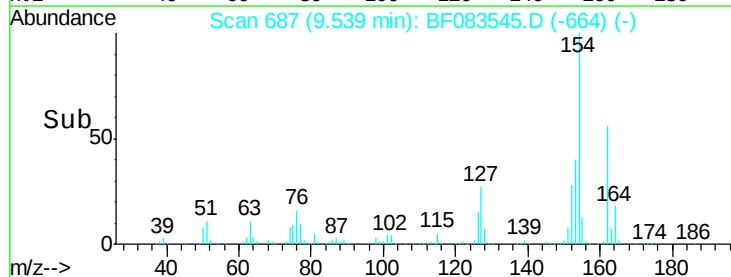
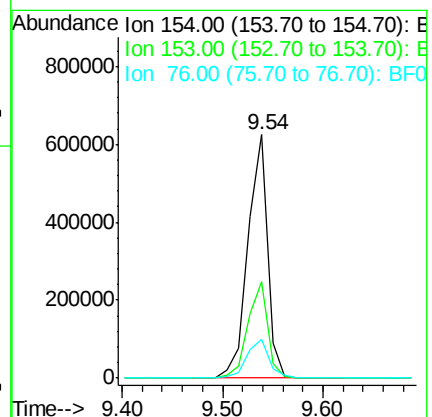
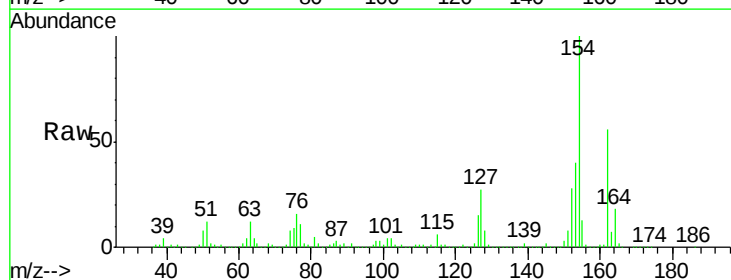
Tgt Ion:154 Resp: 848081

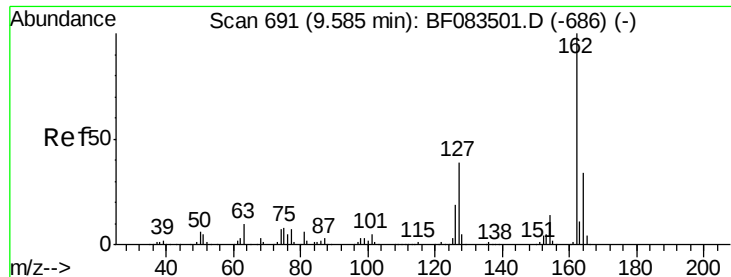
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 15.8 0.0 34.8





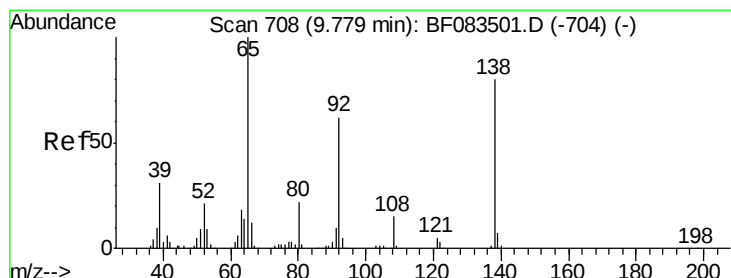
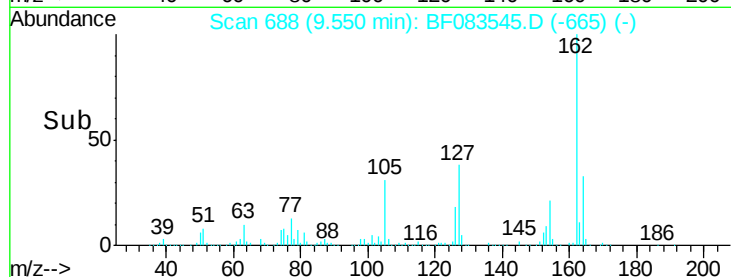
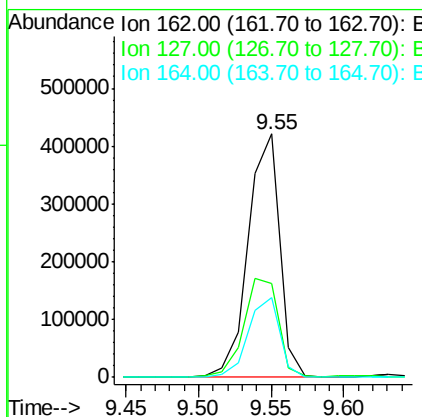
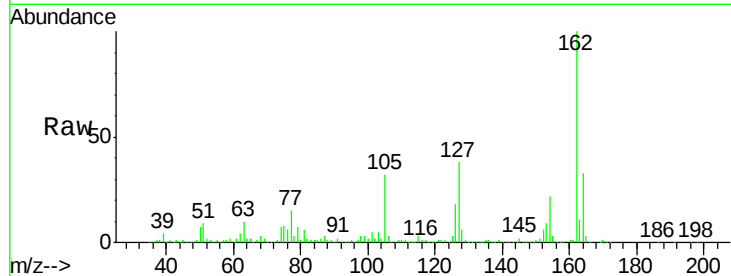
#46
2-Chloronaphthalene
Concen: 34.95 ng
RT: 9.55 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.5	31.0	46.4
164	32.8	27.4	41.0

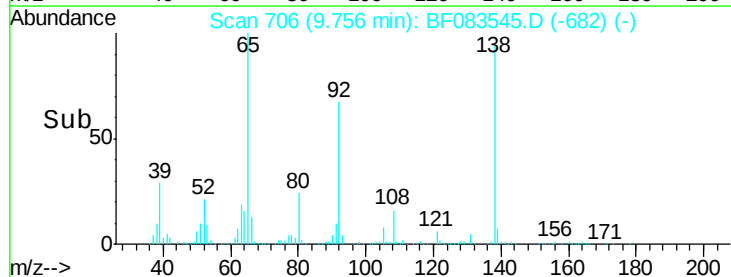
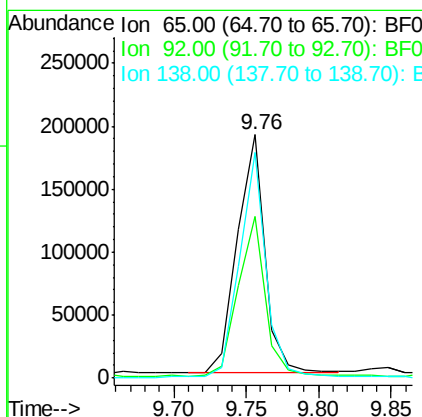
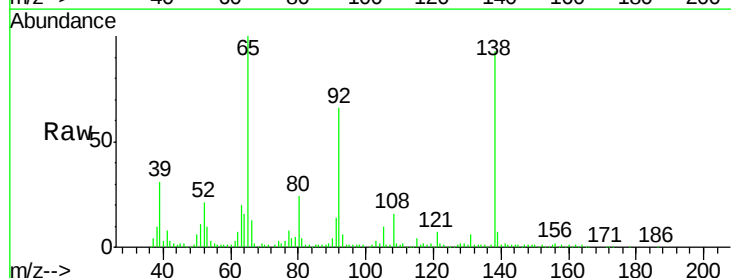
Manual Integrations
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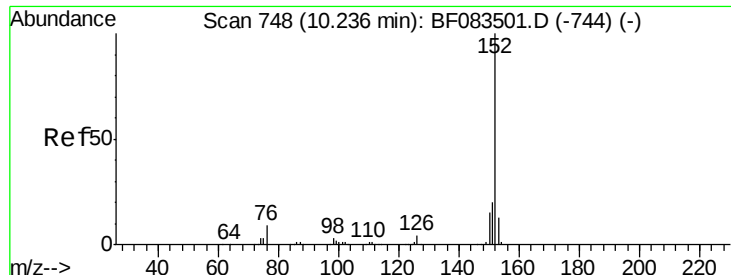
Mmdadoda
12/7/2015 6:33:35 PM



#47
2-Nitroaniline
Concen: 38.60 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	66.2	49.6	74.4
138	92.5	64.1	96.1





#48

Acenaphthylene

Concen: 59.50 ng

RT: 10.20 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

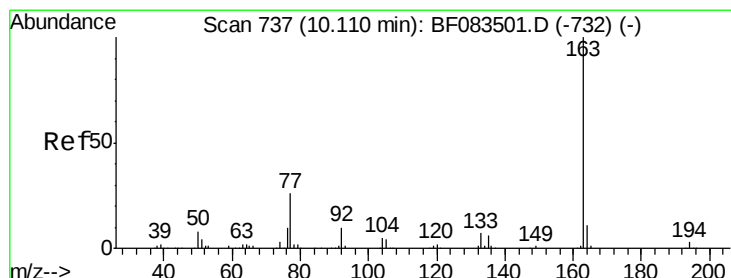
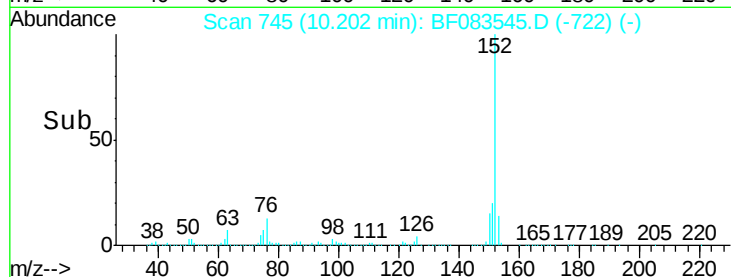
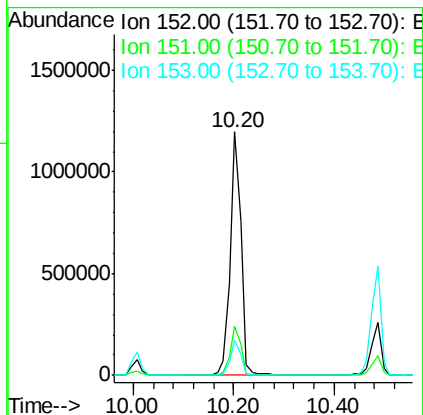
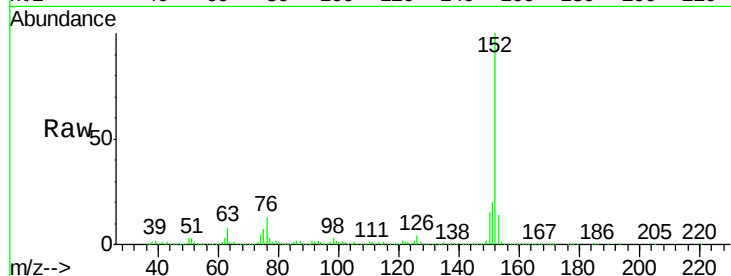
ClientSampleId :

K204-0-2MS

Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:33:35 PM

Tot Ion:	152	Resp:	1769405
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.2	10.8	16.2



#49

Dimethylphthalate

Concen: 58.09 ng

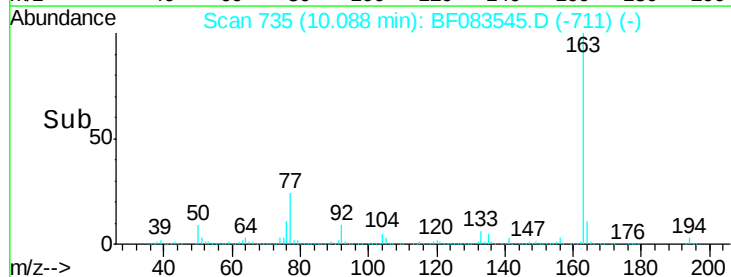
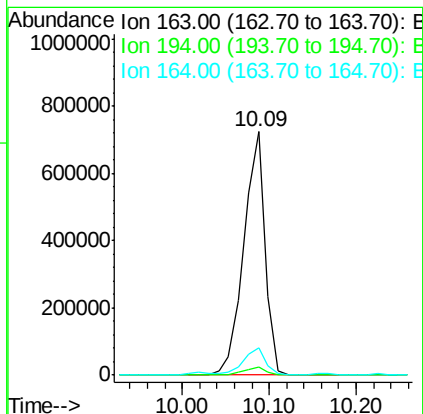
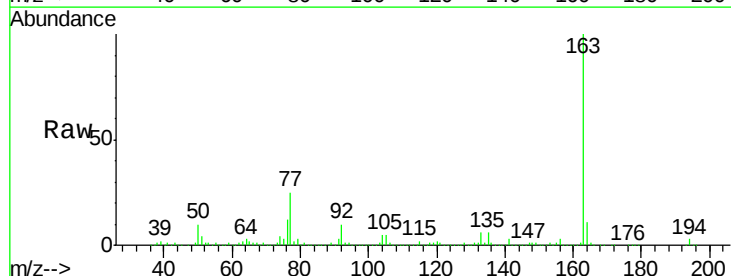
RT: 10.09 min Scan# 735

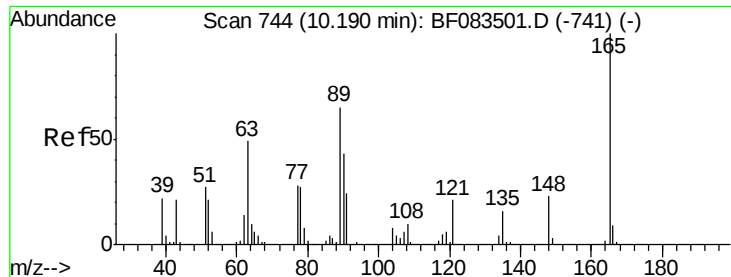
Delta R.T. -0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:	163	Resp:	1240095
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	11.0	8.6	13.0





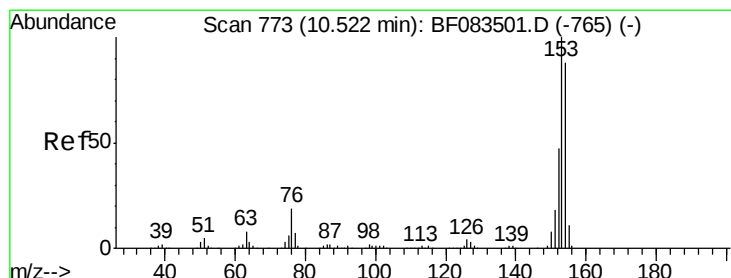
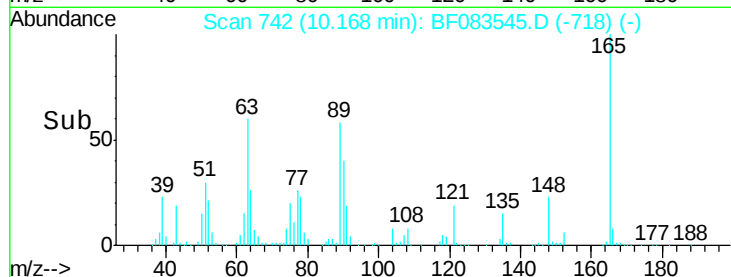
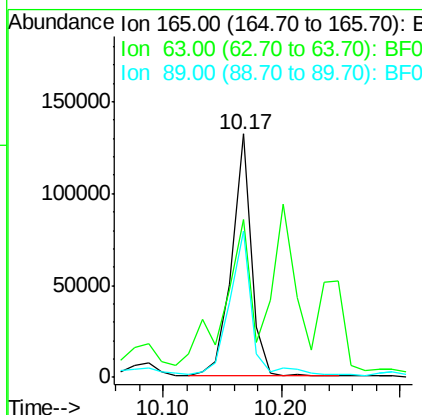
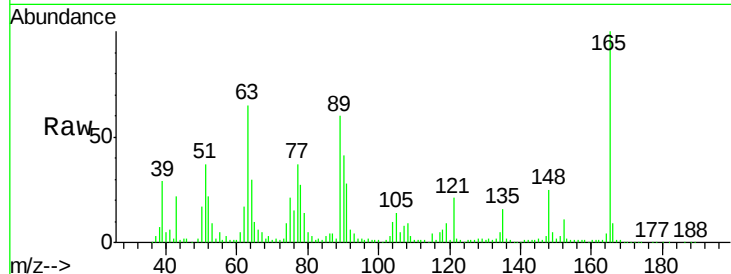
#50
 2,6-Dinitrotoluene
 Concen: 34.13 ng
 RT: 10.17 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Instrument :
 BNA_F
 ClientSampleId :
 K204-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	153420		
63	65.0	56.9	85.3	
89	59.9	52.1	78.1	

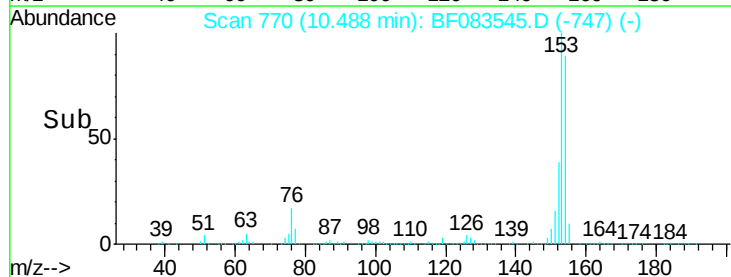
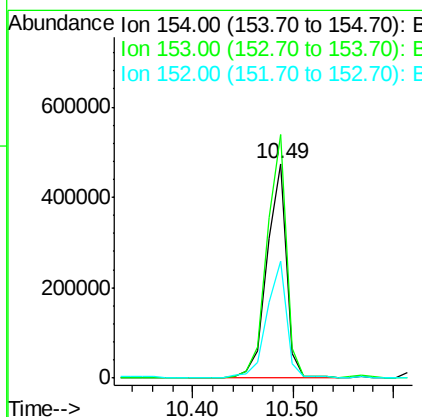
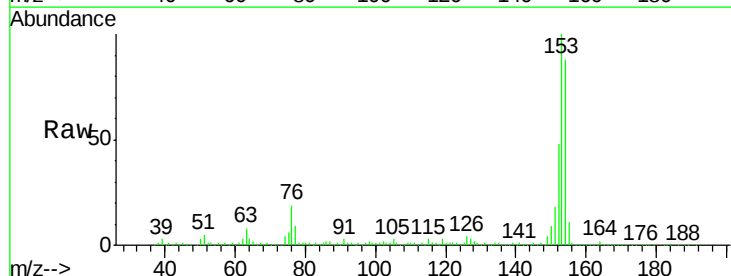
Manual Integrations
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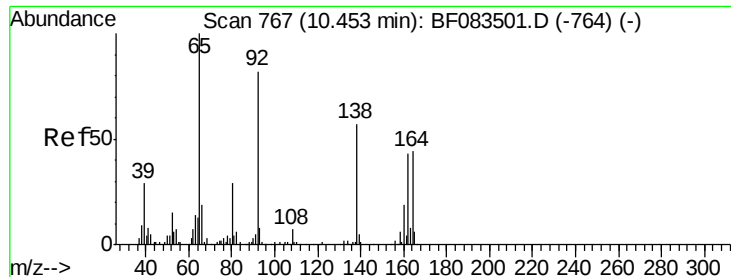
Mmdadoda
 12/7/2015 6:33:35 PM



#51
 Acenaphthene
 Concen: 37.04 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	633913		
153	113.4	91.4	137.0	
152	54.6	43.4	65.2	





#52

3-Nitroaniline

Concen: 13.29 ng

RT: 10.43 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

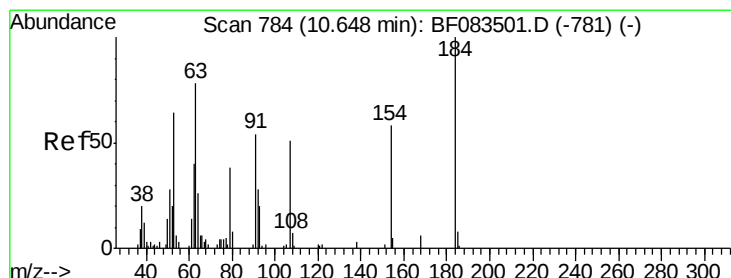
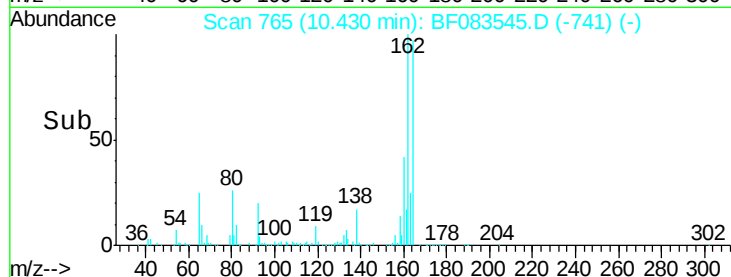
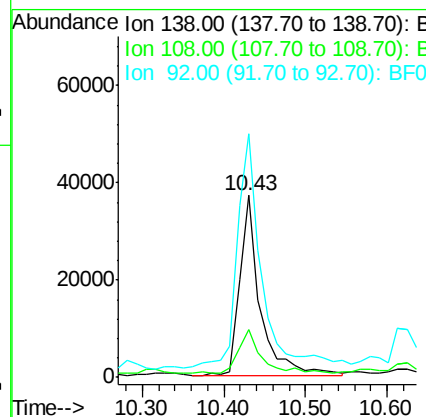
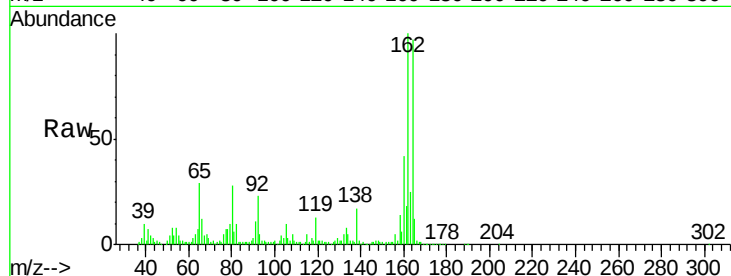
ClientSampleId :

K204-0-2MS

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Tot Ion	Ratio	Lower	Upper
138	100		
108	26.4	9.9	14.9#
92	134.1	113.8	170.8



#53

2,4-Dinitrophenol

Concen: 30.52 ng

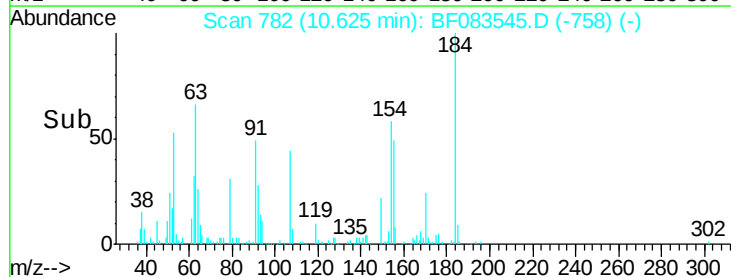
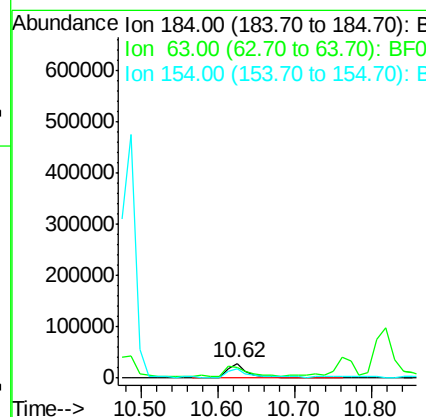
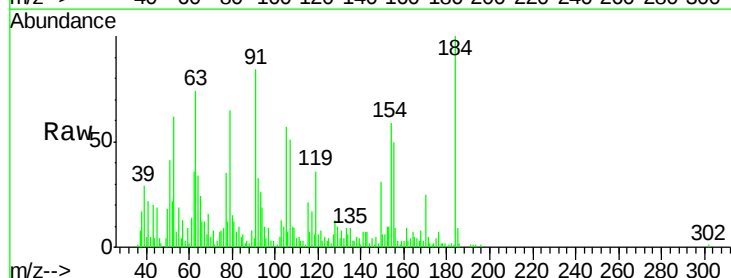
RT: 10.62 min Scan# 782

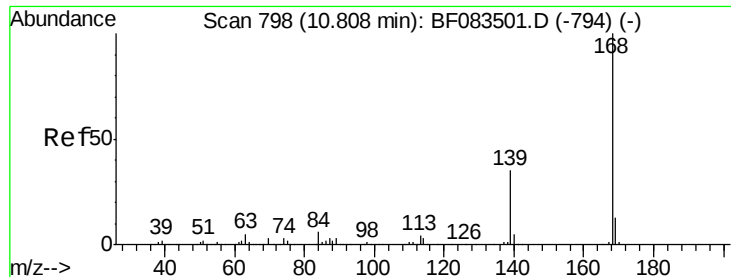
Delta R.T. -0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.1	62.4	93.6
154	58.7	46.6	69.8





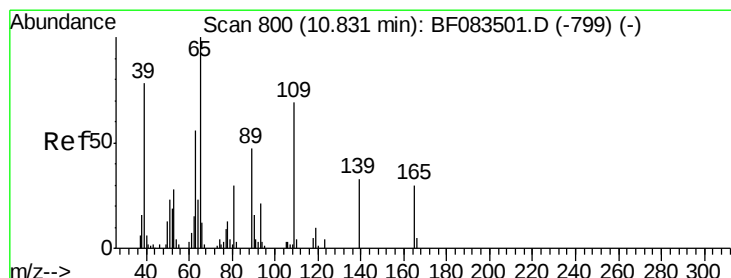
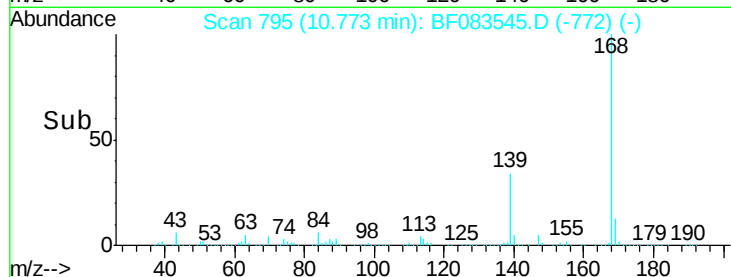
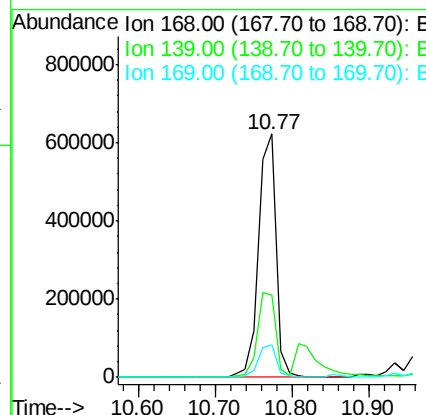
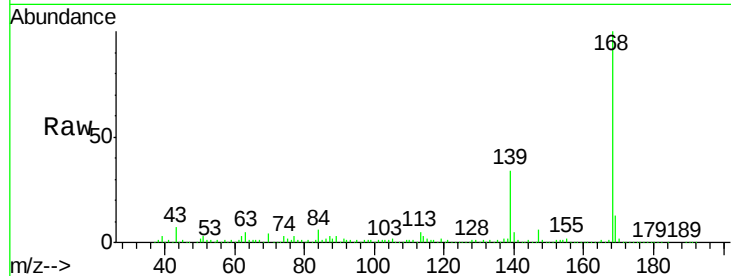
#54
Dibenzofuran
Concen: 41.01 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	972398		
139	34.0	28.0	42.0	
169	13.2	10.8	16.2	

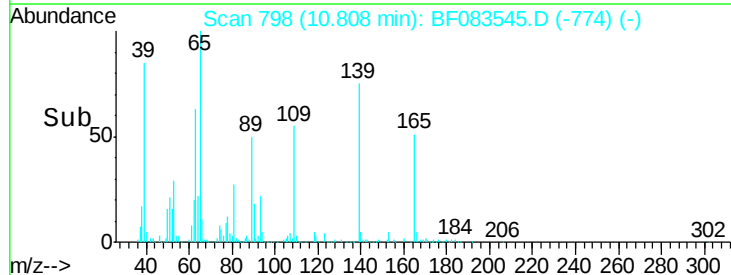
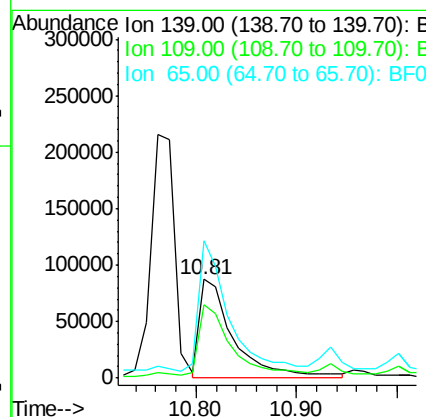
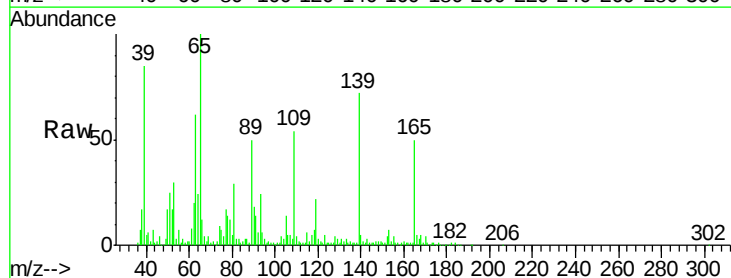
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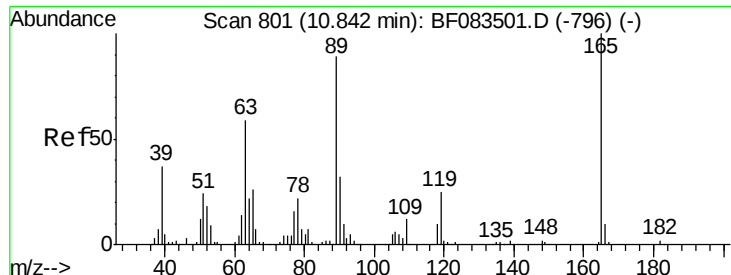
Mmdadoda
12/7/2015 6:33:35 PM



#55
4-Nitrophenol
Concen: 76.81 ng m
RT: 10.81 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	209644		
109	74.5	42.0	82.0	
65	138.6	89.2	129.2	





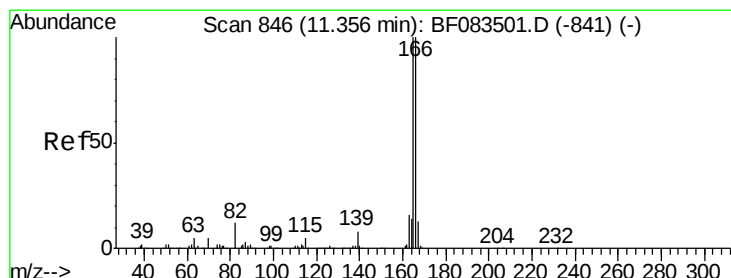
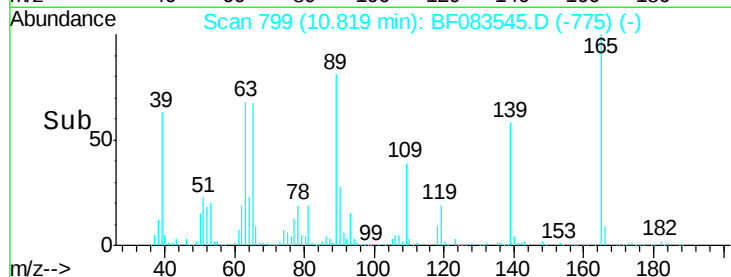
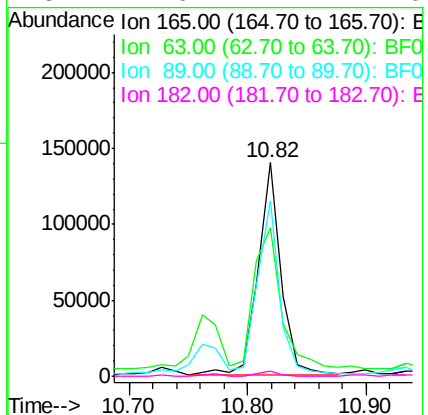
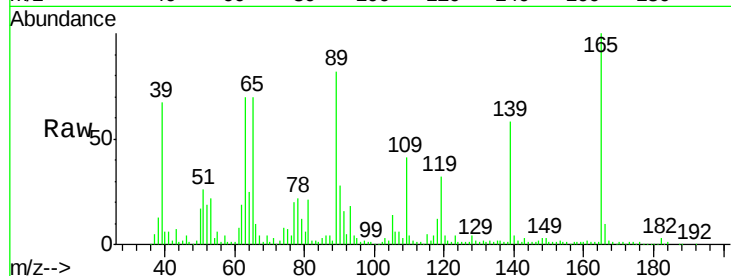
#56
2,4-Dinitrotoluene
Concen: 31.82 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		186794		
63	69.6	51.4	77.2		
89	82.1	72.6	108.8		
182	2.6	1.4	2.0#		

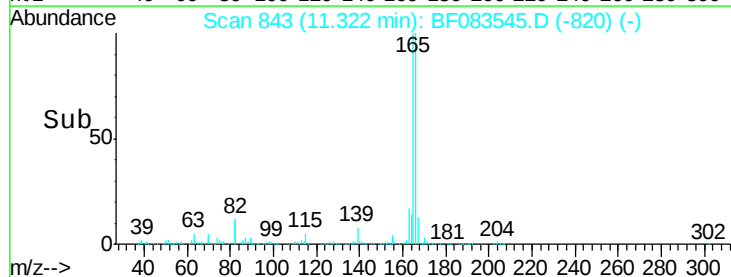
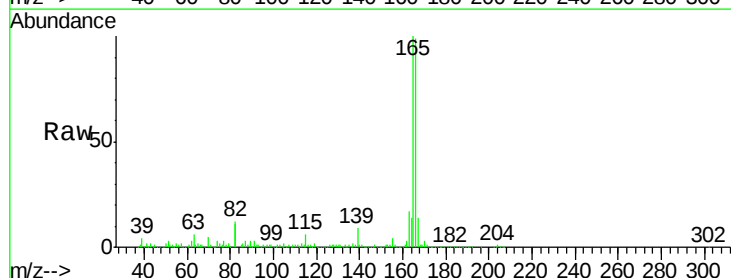
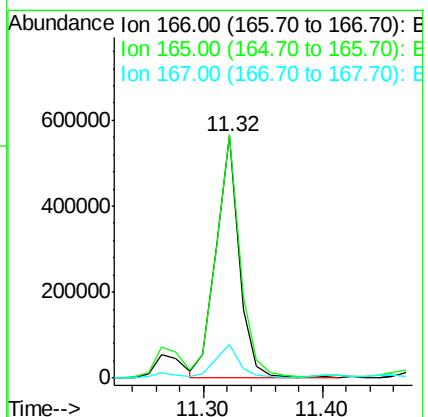
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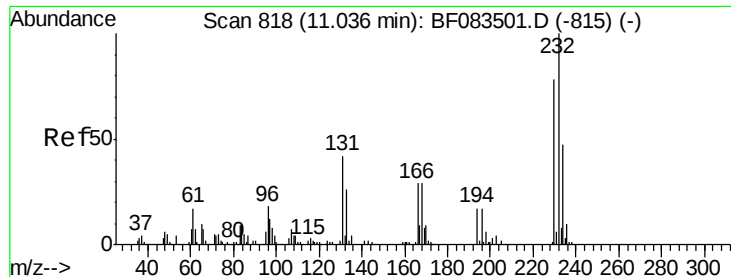
Mmdadoda
12/7/2015 6:33:35 PM



#57
Fluorene
Concen: 37.57 ng m
RT: 11.32 min Scan# 843
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		774935		
165	100.6	80.0	120.0		
167	13.9	10.6	16.0		





#58

2,3,4,6-Tetrachlorophenol

Concen: 38.48 ng

RT: 11.00 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

ClientSampleId :

K204-0-2MS

Tot Ion:232 Resp: 165981
Ion Ratio Lower Upper

232 100

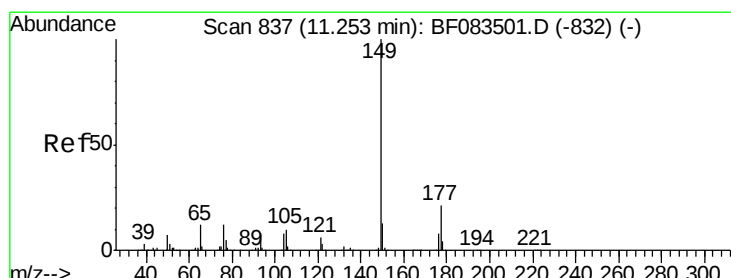
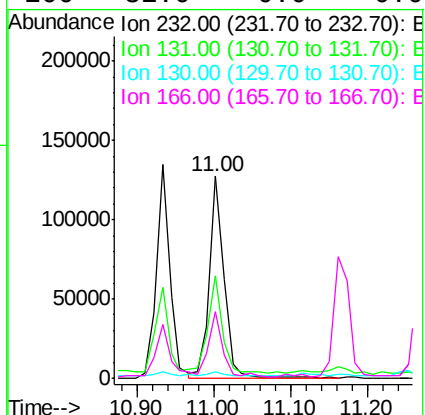
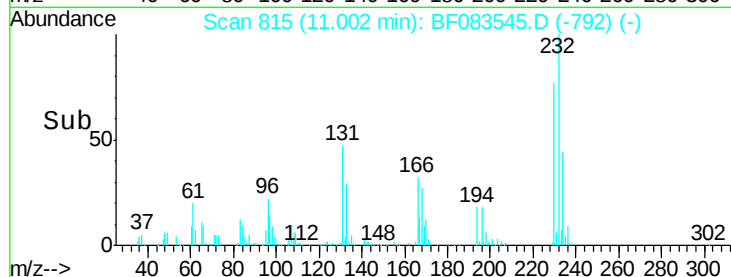
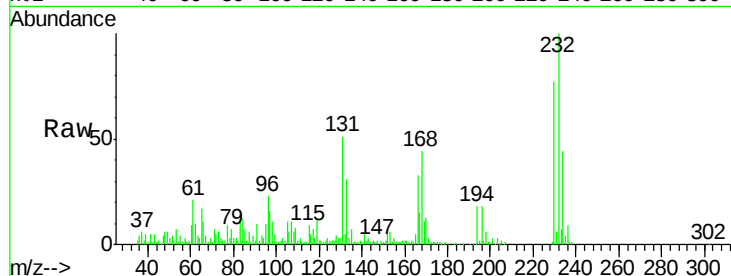
131 48.8 0.0 0.0#

130 3.1 0.0 0.0#

166 31.0 0.0 0.0#

Manual Integrations
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Mmdadoda
12/7/2015 6:33:35 PM



#59

Diethylphthalate

Concen: 36.11 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF083545.D

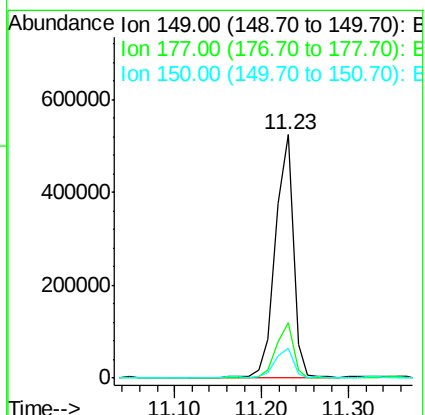
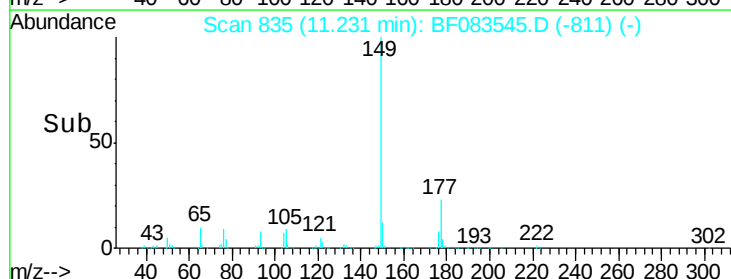
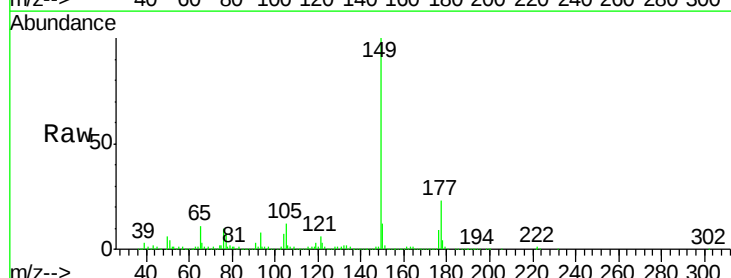
Acq: 7 Dec 2015 6:18

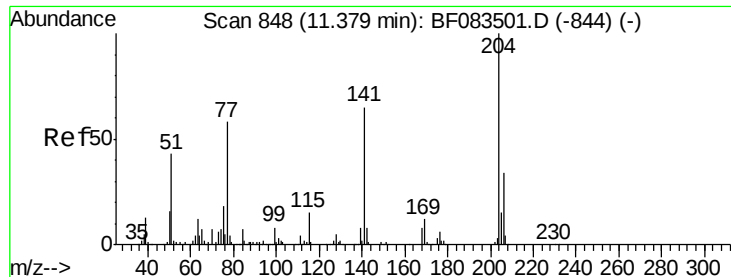
Tgt Ion:149 Resp: 741679
Ion Ratio Lower Upper

149 100

177 22.7 16.9 25.3

150 12.5 10.2 15.4





#60

4-Chlorophenyl-phenylether

Concen: 33.36 ng

RT: 11.34 min Scan# 845

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

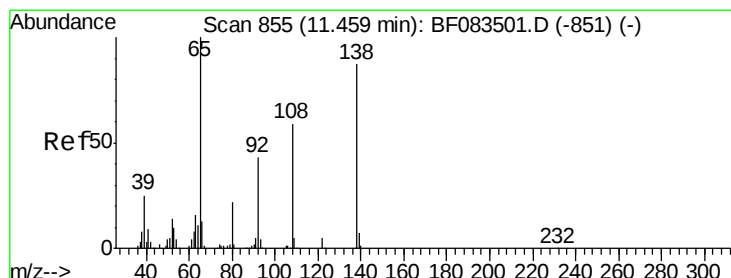
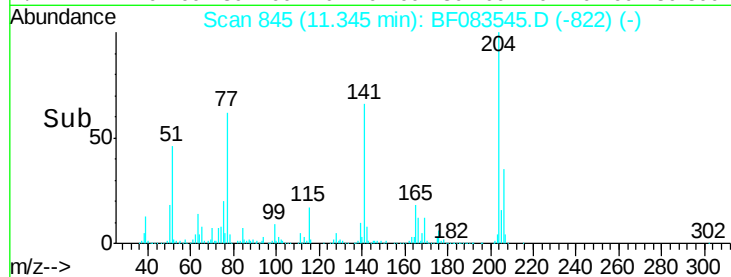
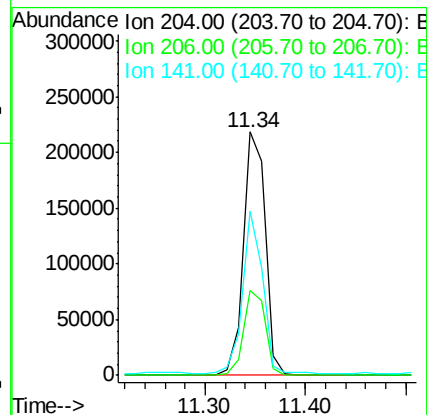
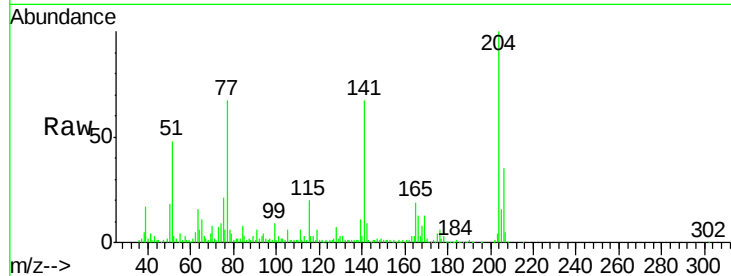
ClientSampleId :

K204-0-2MS

Tot Ion:	204	Resp:	329740
Ion Ratio	Lower	Upper	
204	100		
206	34.7	27.3	40.9
141	67.4	51.9	77.9

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#61

4-Nitroaniline

Concen: 21.15 ng

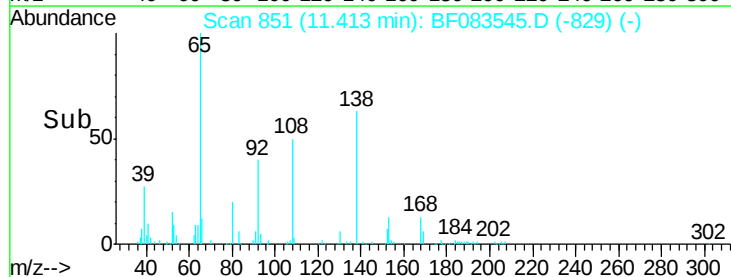
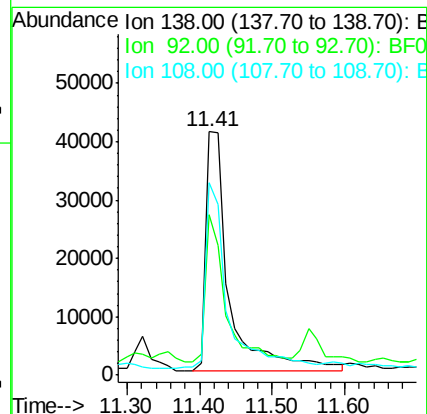
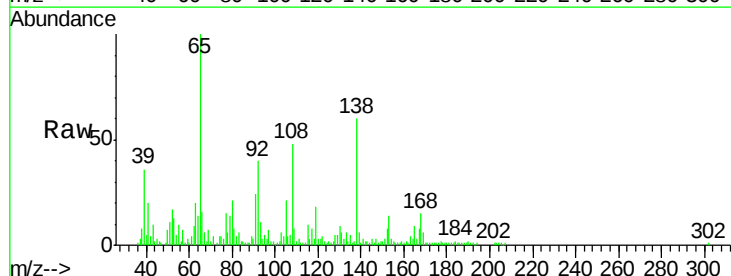
RT: 11.41 min Scan# 851

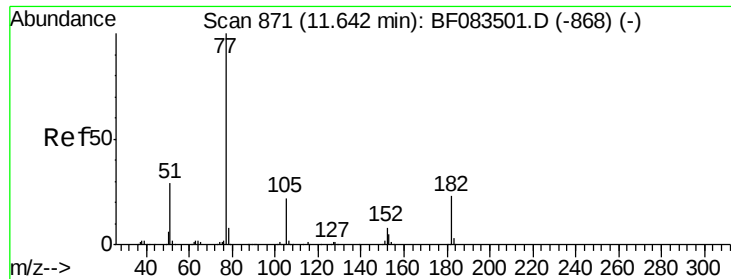
Delta R.T. -0.05 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:	138	Resp:	92854
Ion Ratio	Lower	Upper	
138	100		
92	65.8	29.0	69.0
108	79.0	47.4	87.4





#62

Azobenzene

Concen: 13.50 ng

RT: 11.60 min Scan# 867

Delta R.T. -0.05 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

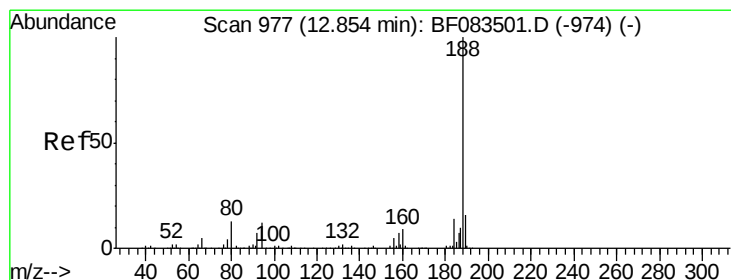
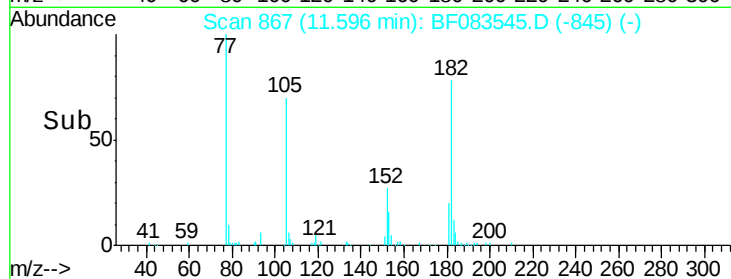
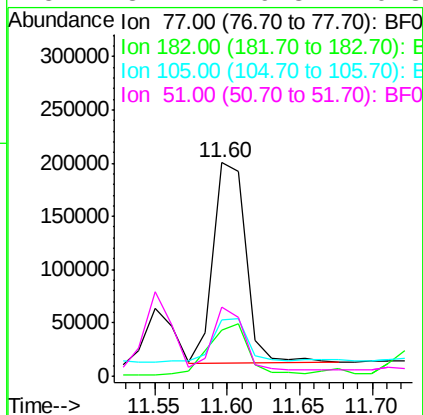
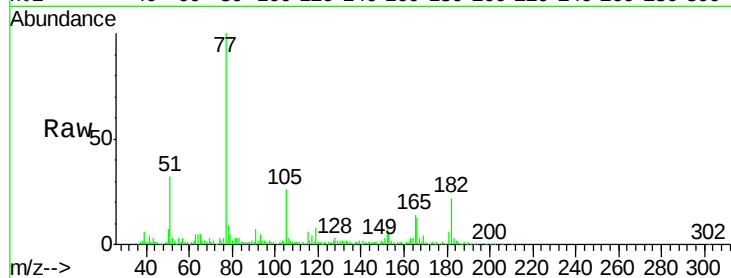
ClientSampleId :

K204-0-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.7	2.5	42.5		
105	26.2	2.1	42.1		
51	32.2	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

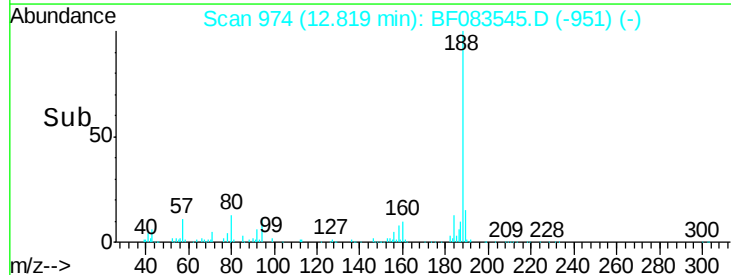
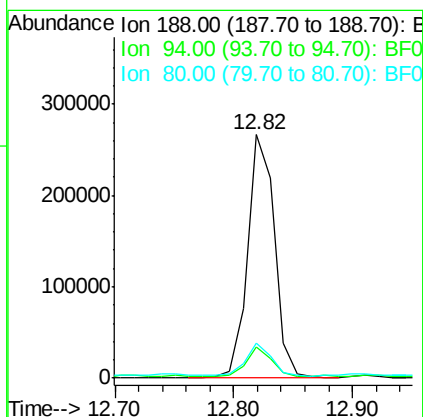
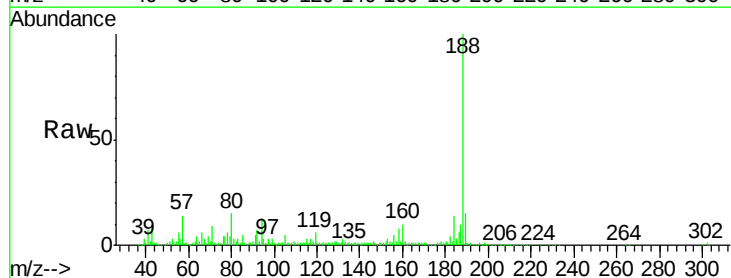
RT: 12.82 min Scan# 974

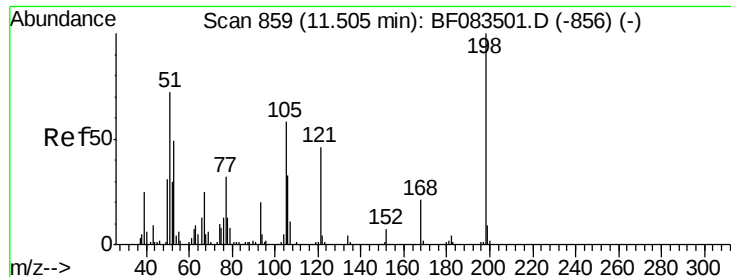
Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	12.5	9.4	14.2		
80	14.6	10.6	16.0		





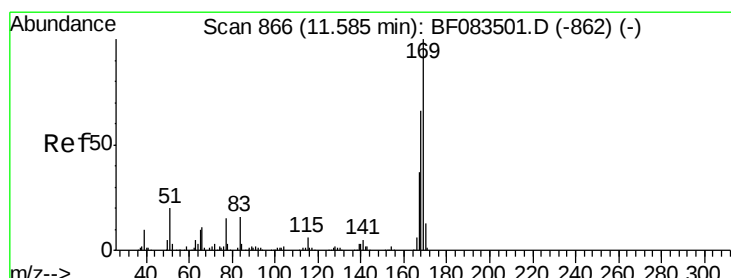
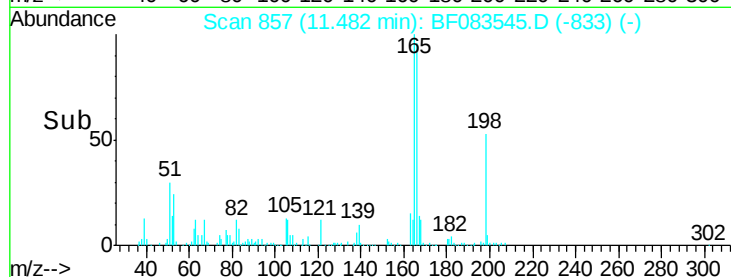
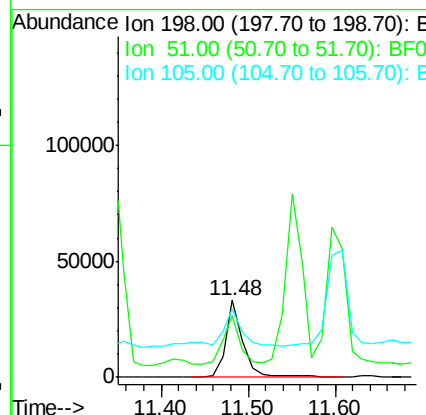
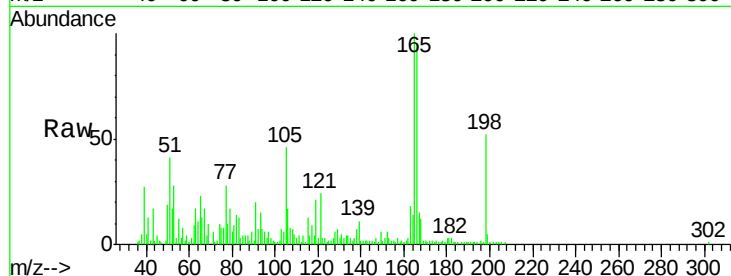
#64
4,6-Dinitro-2-methylphenol
Concen: 18.75 ng
RT: 11.48 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	46674		
51	80.2	53.8	93.8	
105	89.4	38.6	78.6	

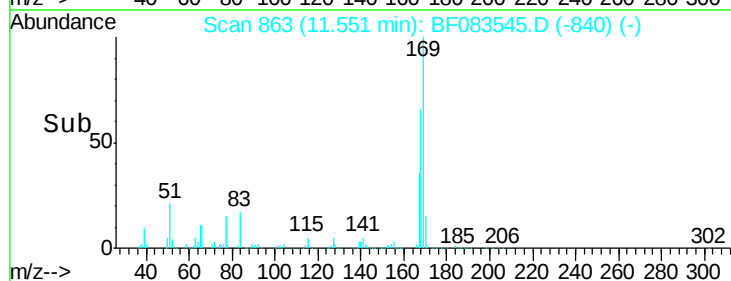
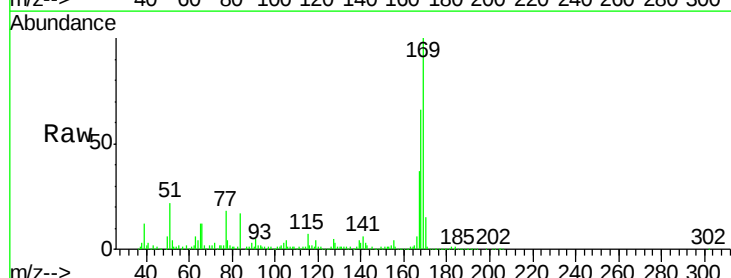
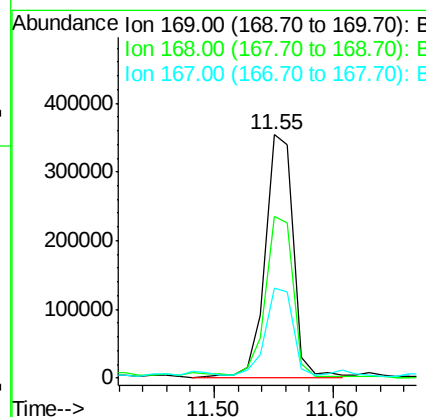
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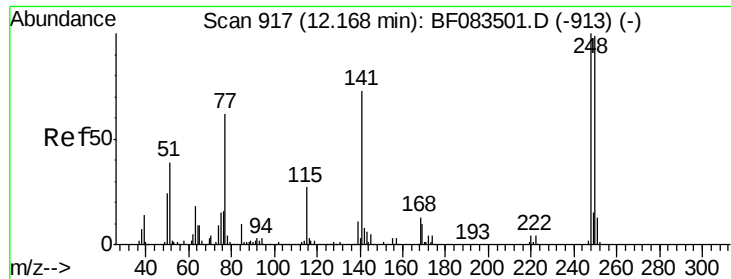
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#65
n-Nitrosodiphenylamine
Concen: 41.66 ng
RT: 11.55 min Scan# 863
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	579393		
168	66.2	53.0	79.6	
167	36.9	29.3	43.9	





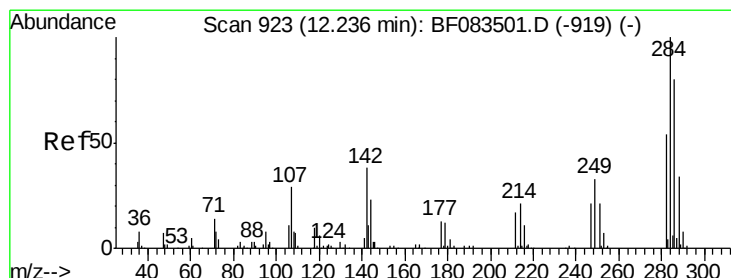
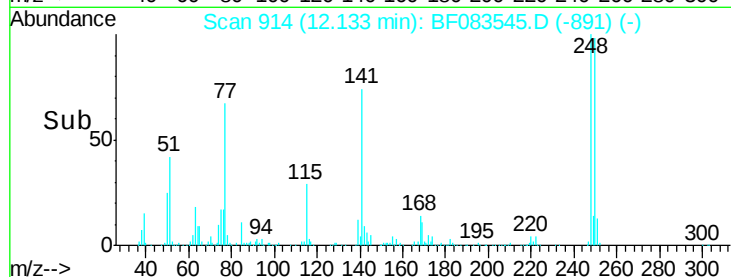
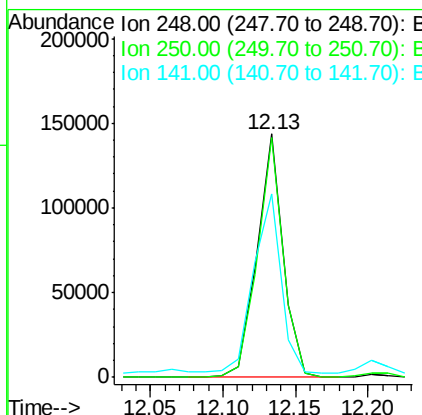
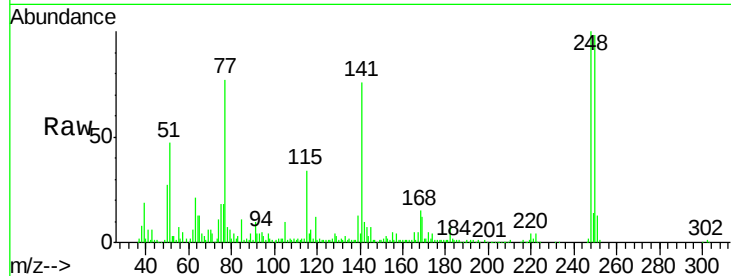
#66
4-Bromophenyl-phenylether
Concen: 38.97 ng
RT: 12.13 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.2	118.8
141	75.5	58.2	87.4

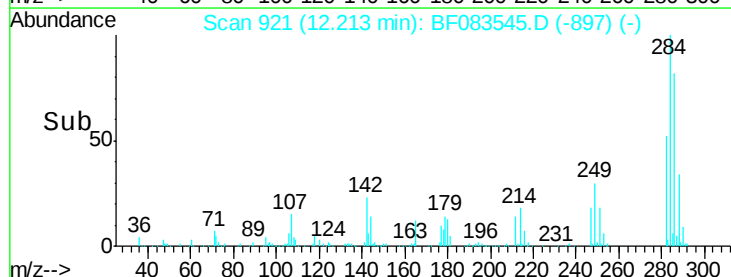
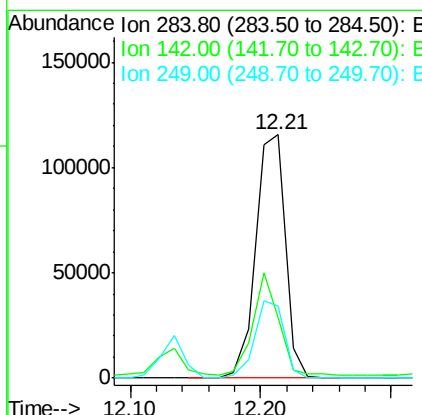
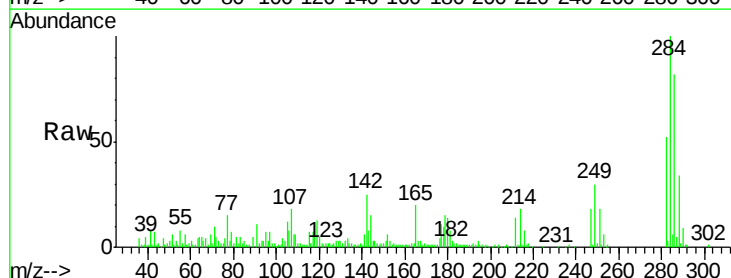
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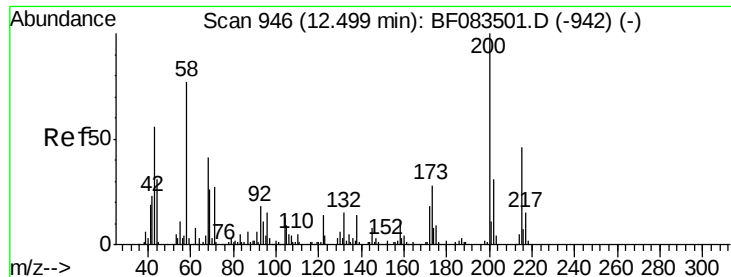
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#67
Hexachlorobenzene
Concen: 37.45 ng
RT: 12.21 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	31.0	46.4#
249	29.8	26.9	40.3





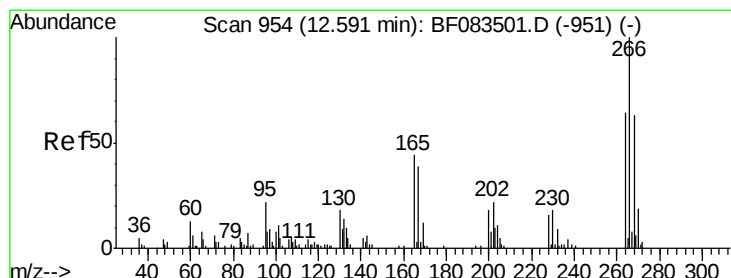
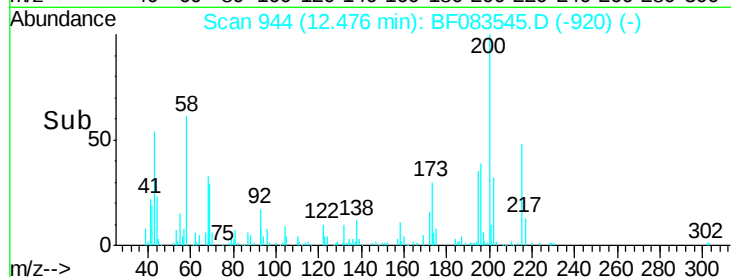
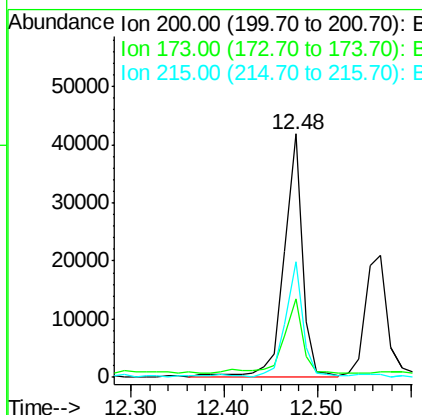
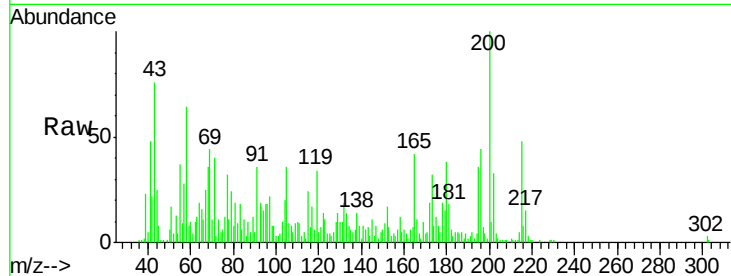
#68
Atrazine
Concen: 13.69 ng
RT: 12.48 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	32.2	7.8	47.8
215	47.7	25.7	65.7

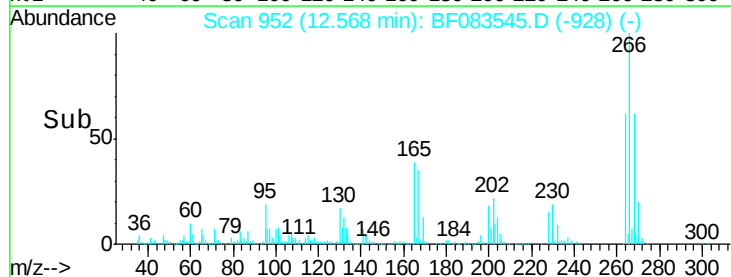
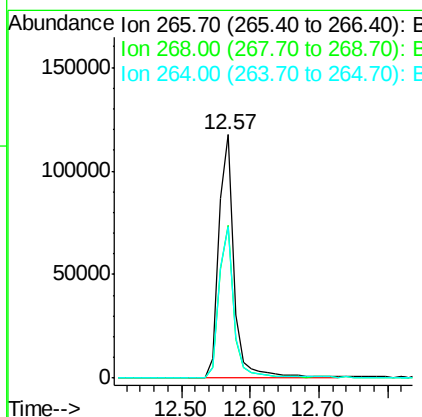
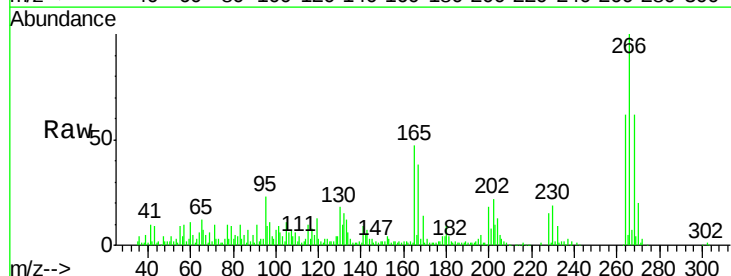
Manual Integrations
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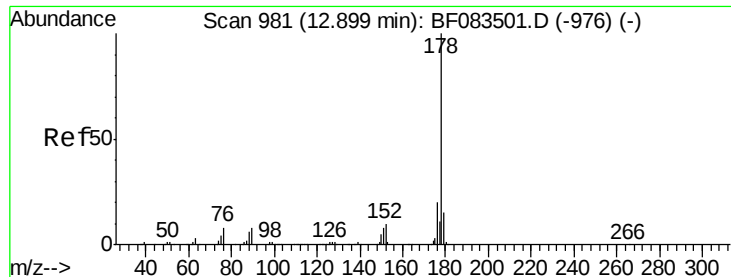
Mmdadoda
12/7/2015 6:33:35 PM



#69
Pentachlorophenol
Concen: 83.46 ng
RT: 12.57 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.2	75.2
264	62.1	51.4	77.2





#70

Phenanthrene

Concen: 79.40 ng

RT: 12.86 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

ClientSampleId :

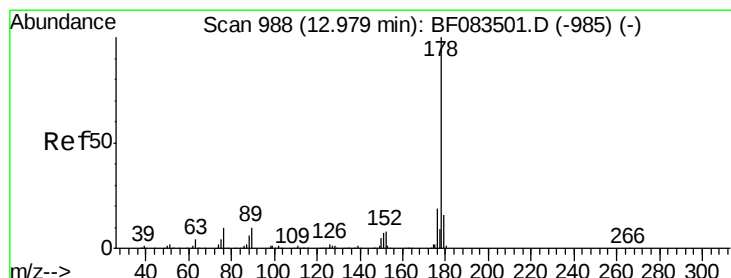
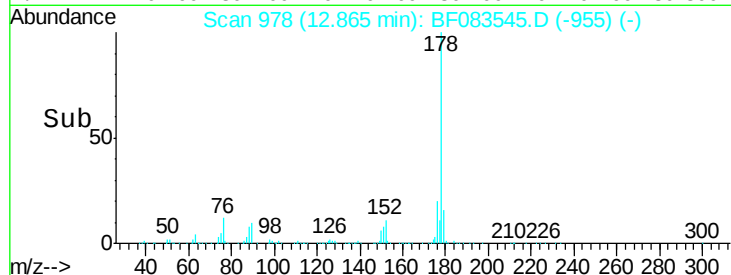
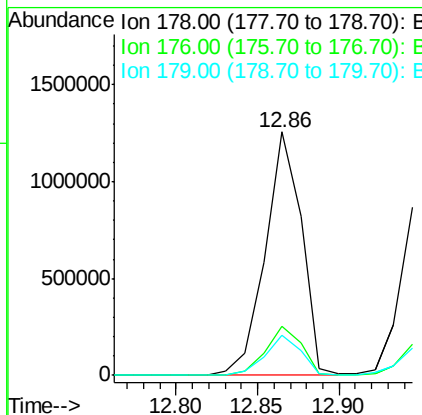
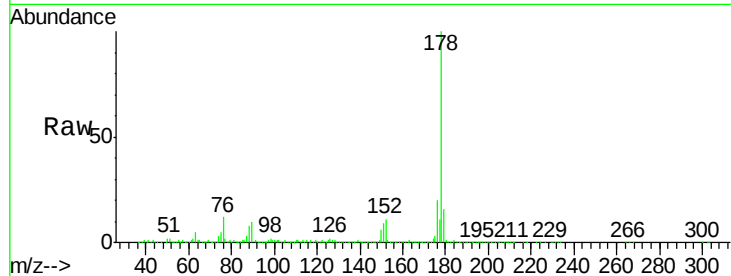
K204-0-2MS

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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.3	12.2	18.4



#71

Anthracene

Concen: 56.60 ng

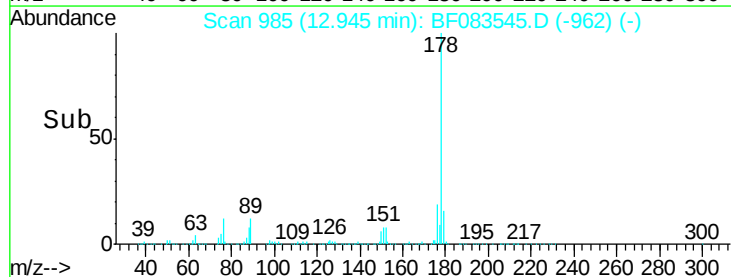
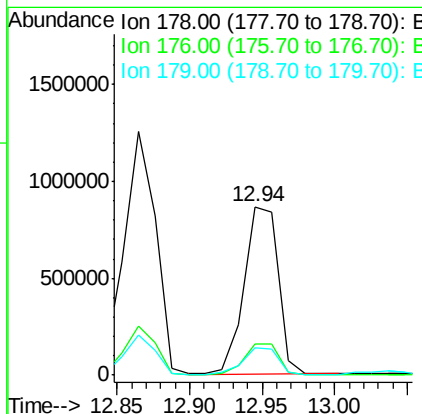
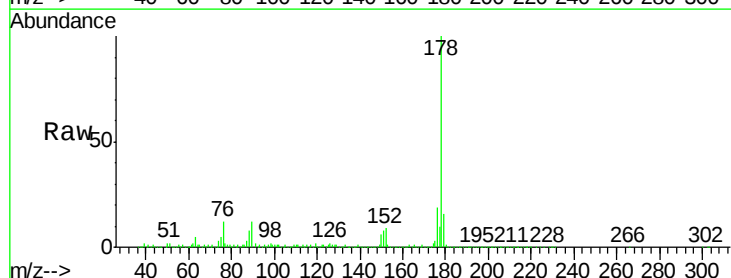
RT: 12.94 min Scan# 985

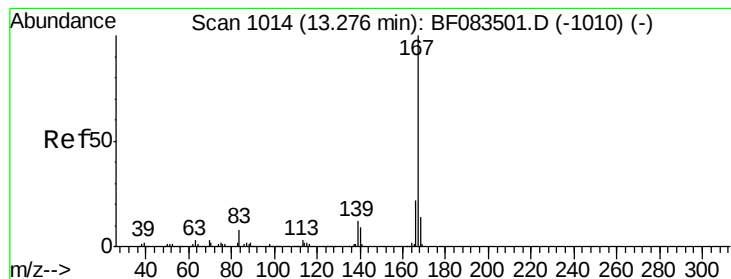
Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	16.5	12.6	18.8





#72

Carbazole

Concen: 37.71 ng

RT: 13.24 min Scan# 1011

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

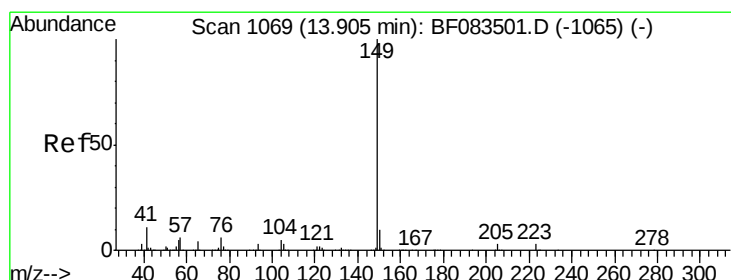
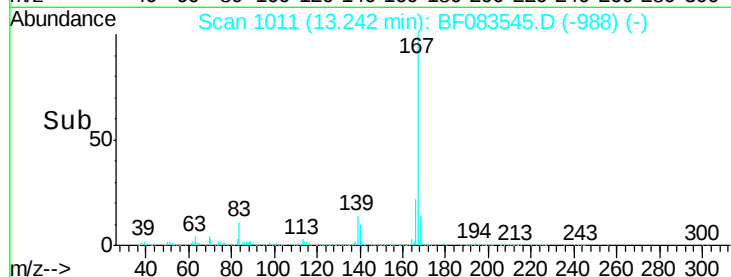
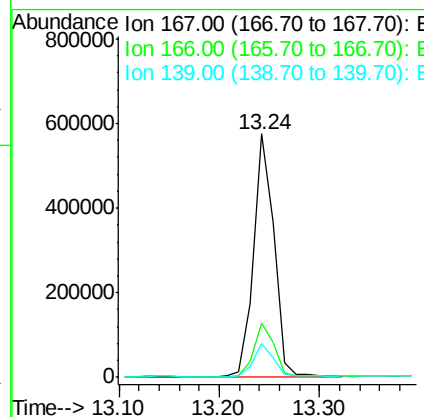
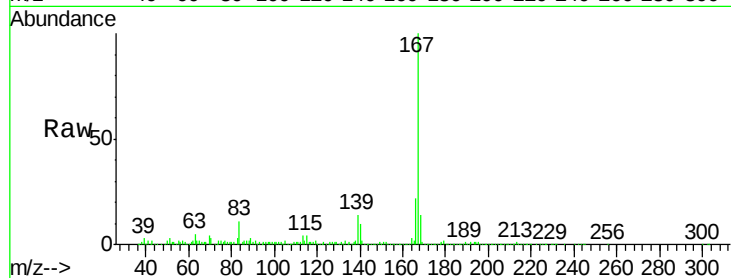
ClientSampleId :

K204-0-2MS

Tot Ion:	167	Resp:	807532
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.2	25.8
139	13.9	9.3	13.9

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#73

Di-n-butylphthalate

Concen: 39.53 ng

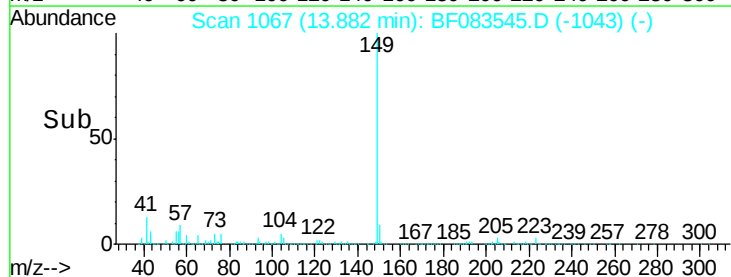
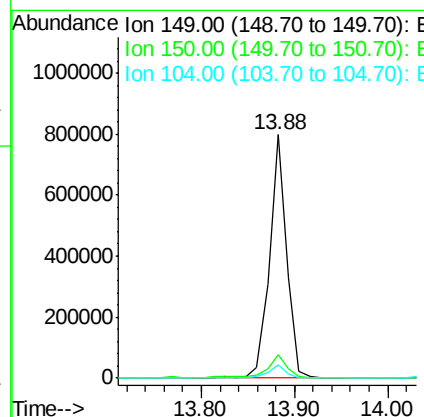
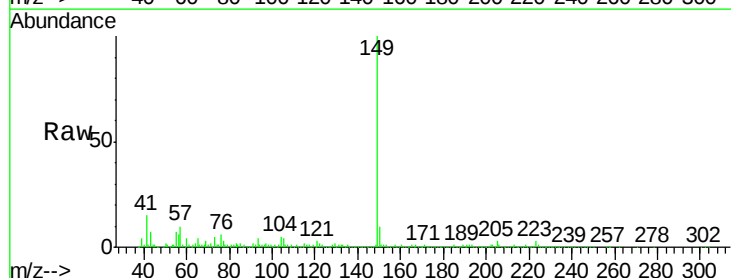
RT: 13.88 min Scan# 1067

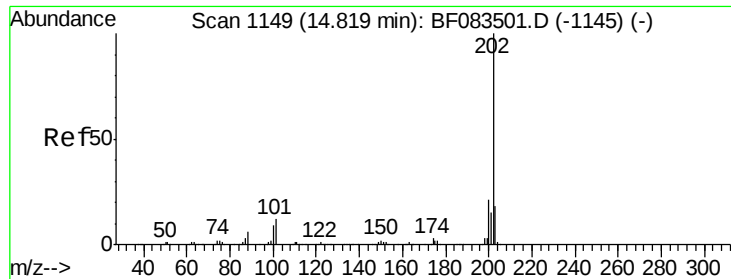
Delta R.T. -0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:	149	Resp:	1019604
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.3	3.9	5.9





#74

Fluoranthene

Concen: 125.72 ng

RT: 14.81 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

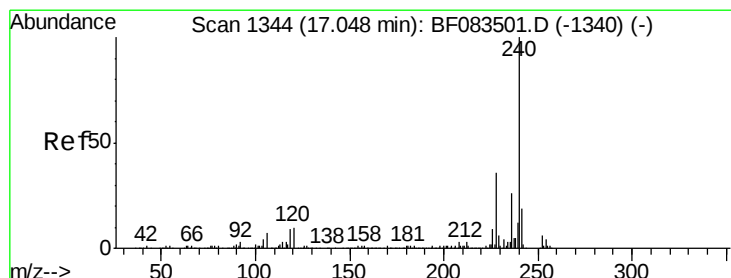
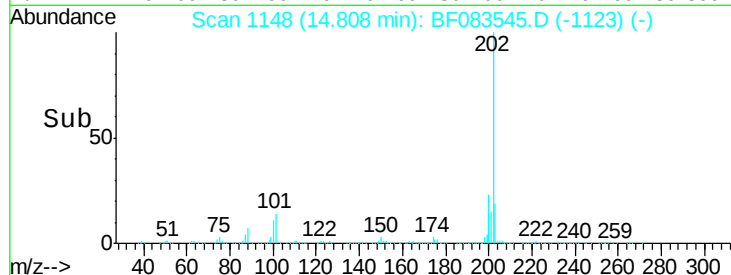
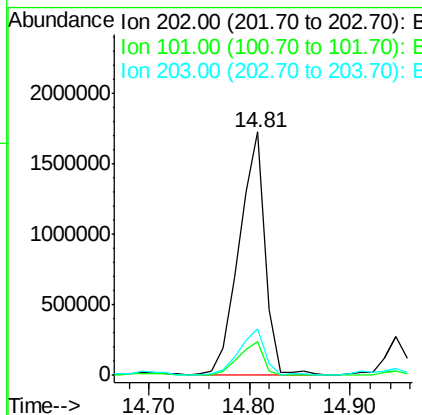
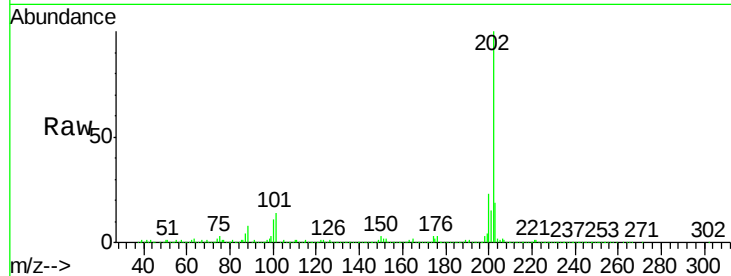
ClientSampleId :

K204-0-2MS

Tot Ion:	202	Resp:	3047035
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	31.5
203	18.9	0.0	37.6

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#75

Chrysene-d12

Concen: 20.00 ng

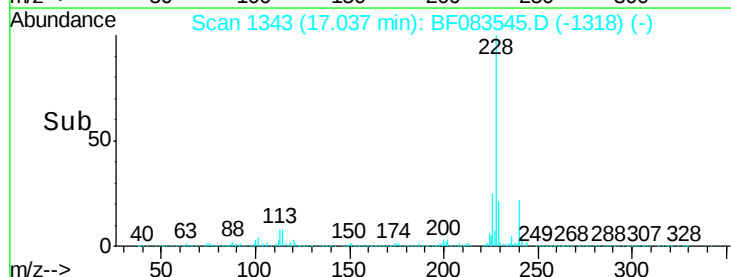
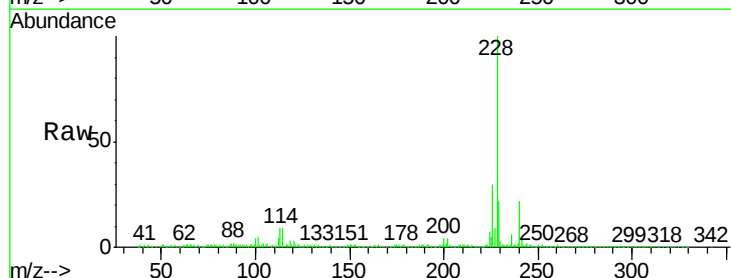
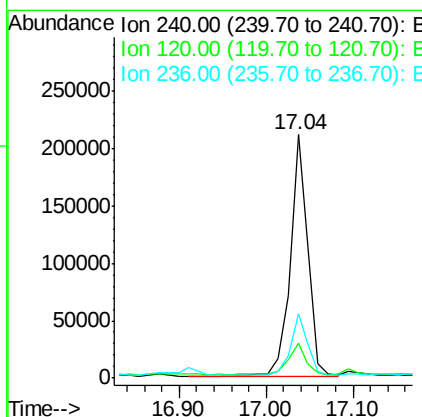
RT: 17.04 min Scan# 1343

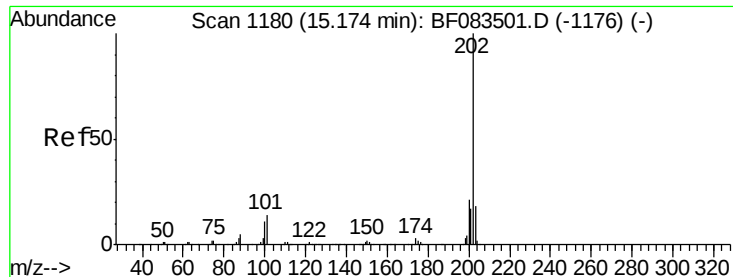
Delta R.T. -0.01 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:	240	Resp:	298937
Ion Ratio	Lower	Upper	
240	100		
120	14.6	8.1	12.1#
236	26.3	20.8	31.2





#77

Pvrene

Concen: 166.70 ng

RT: 15.17 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

ClientSampleId :

K204-0-2MS

Tot Ion:202 Resp: 3727721

Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.7	25.1
203	18.9	14.3	21.5

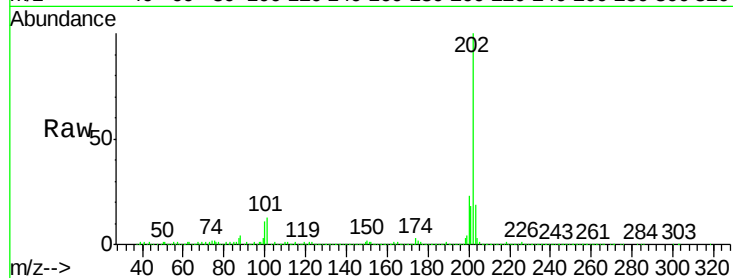
202 100

200 22.6 16.7 25.1

203 18.9 14.3 21.5

Manual Integrations
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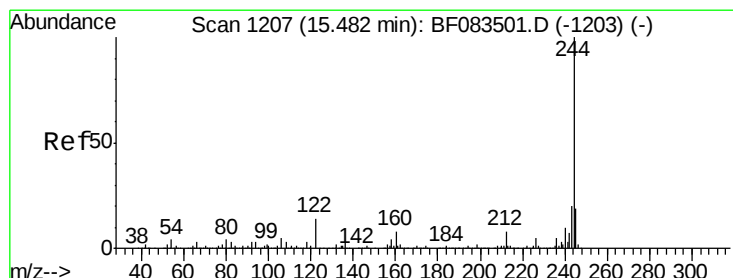
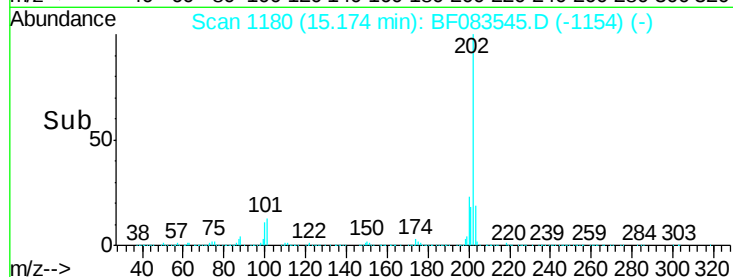
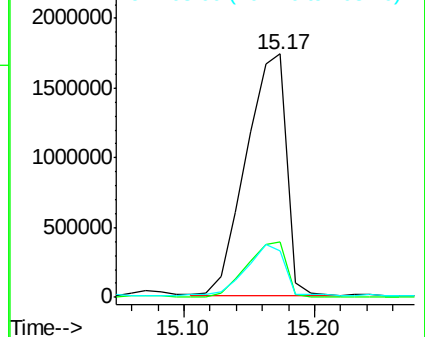


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.75 ng

RT: 15.46 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

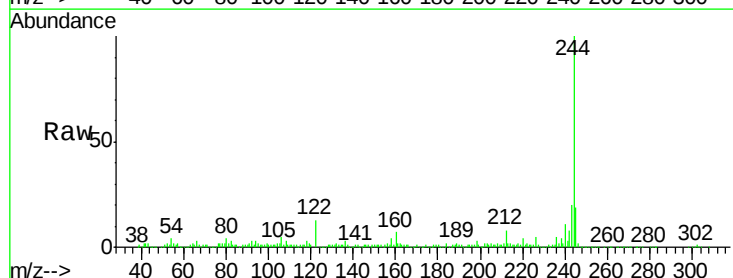
Tgt Ion:244 Resp: 869833

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.8	11.0	16.6

244 100

212 7.7 6.1 9.1

122 12.8 11.0 16.6

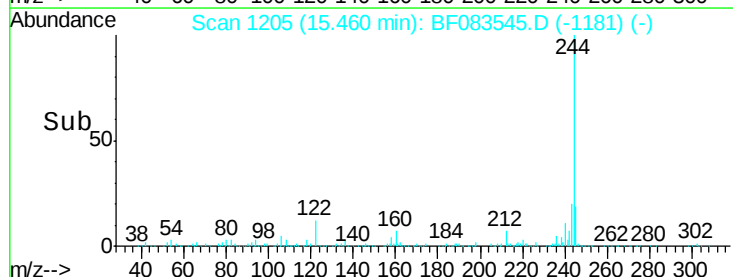
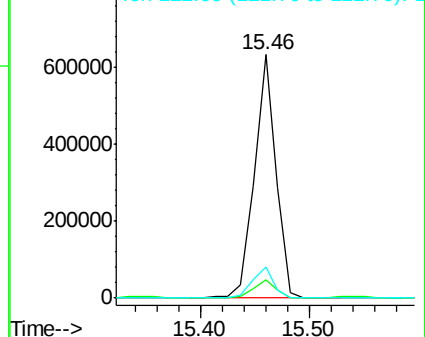


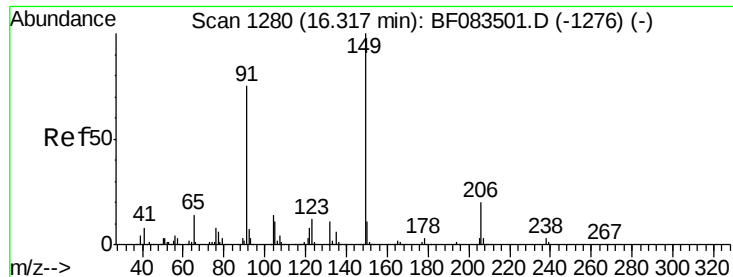
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





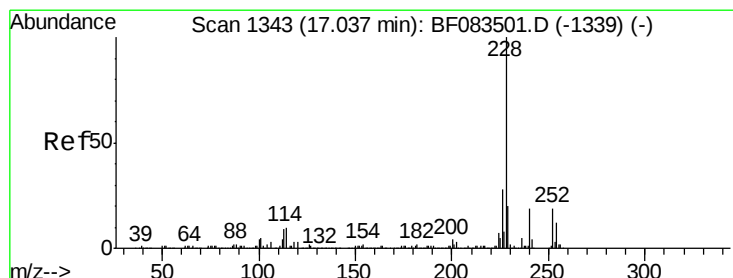
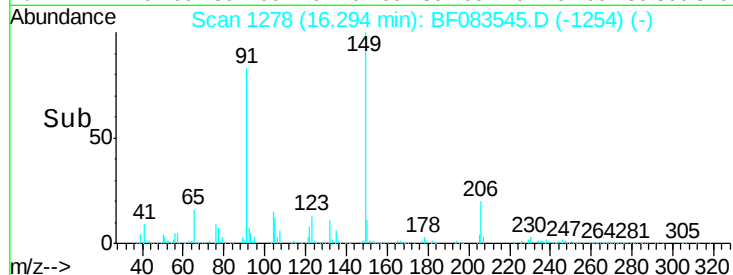
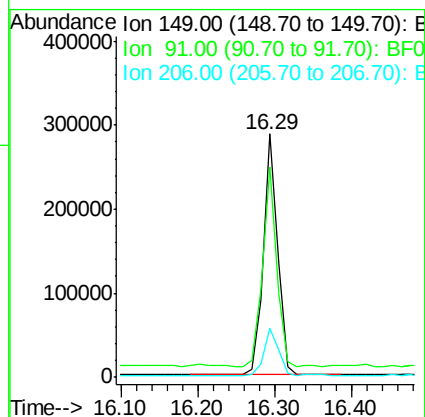
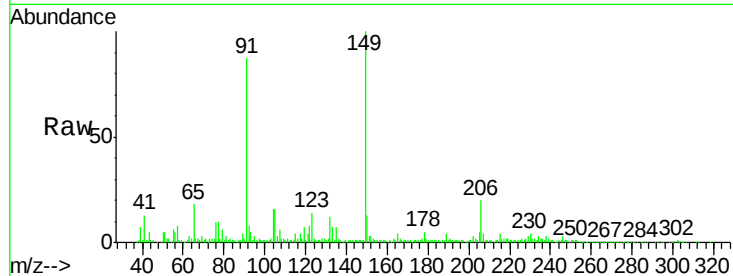
#79
Butylbenzylphthalate
Concen: 41.32 ng
RT: 16.29 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	363329		
91	86.6	60.0	90.0	
206	20.0	16.2	24.4	

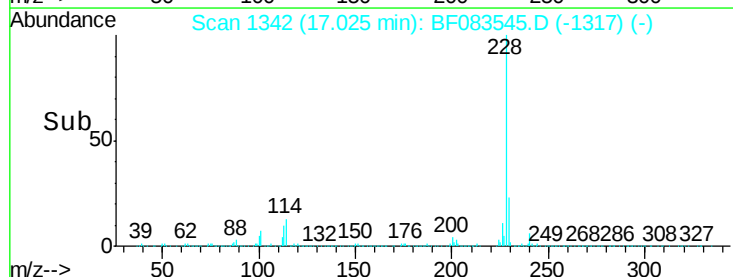
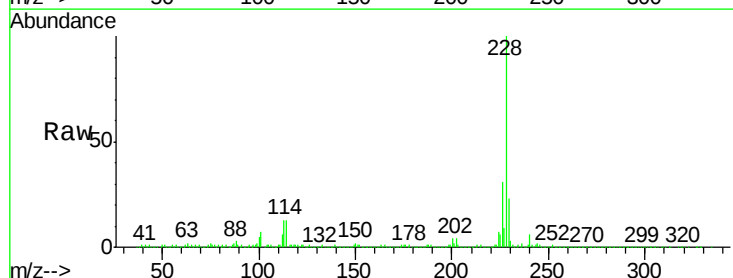
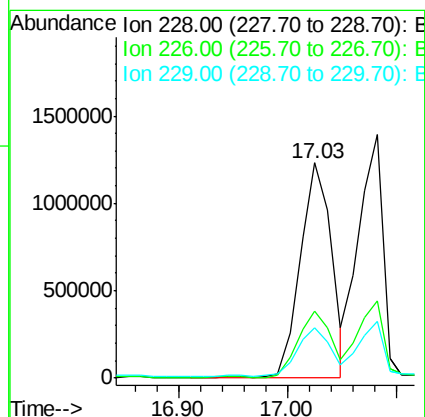
Manual Integrations
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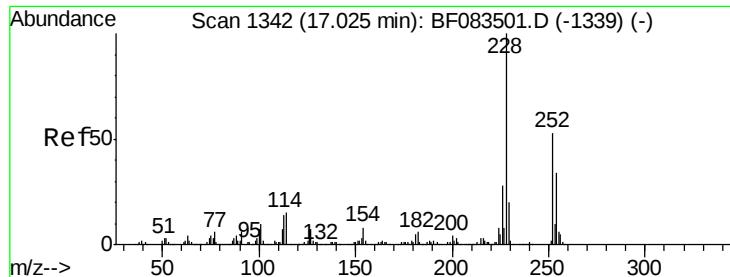
Mmdadoda
12/7/2015 6:33:35 PM



#80
Benzo(a)anthracene
Concen: 139.77 ng
RT: 17.03 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2444616		
226	31.0	22.3	33.5	
229	23.1	15.7	23.5	





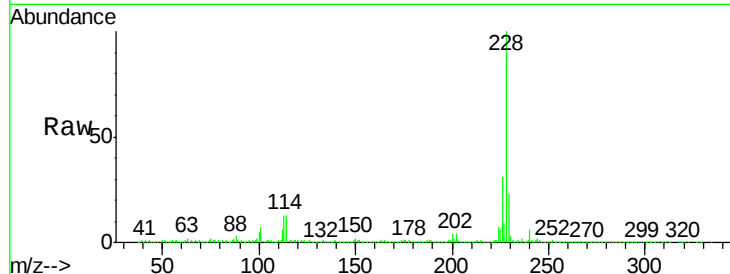
#81
 3,3'-Dichlorobenzidine
 Concen: 2.60 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Instrument :
 BNA_F
 ClientSampleId :
 K204-0-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.6	76.0
126	98.1	11.0	16.4

Manual Integrations
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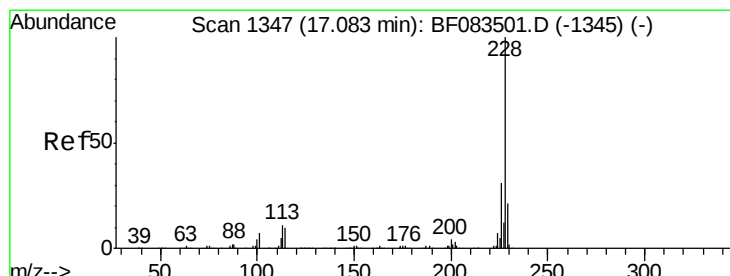
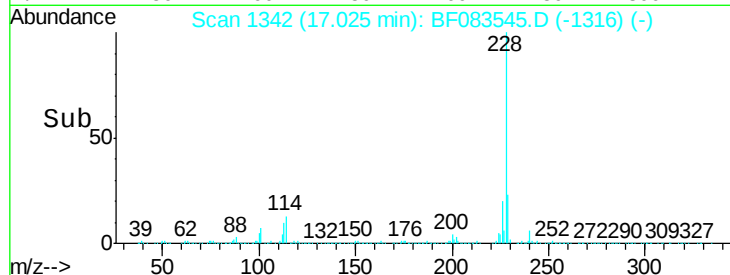
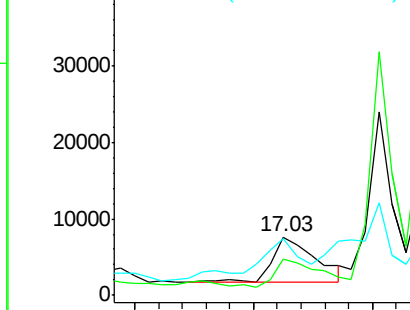


Abundance

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: 124.23 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

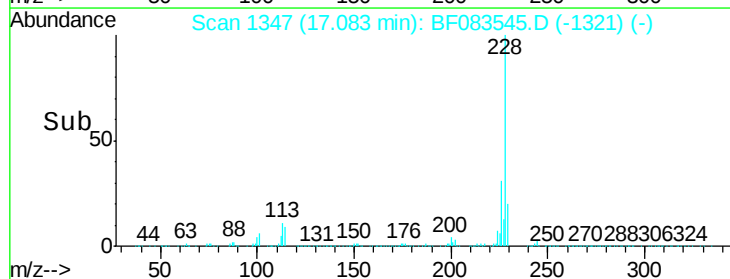
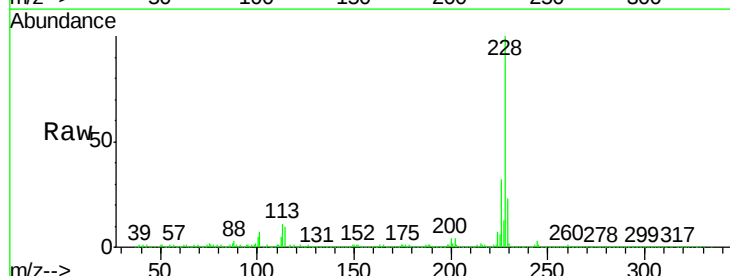
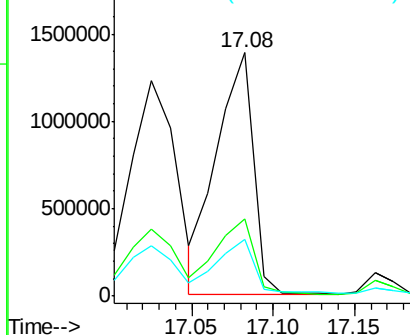
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.7	37.1
229	23.2	16.3	24.5

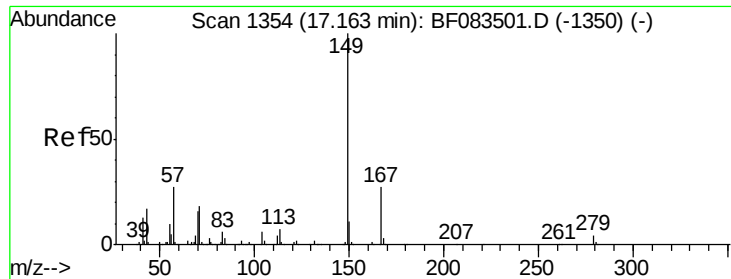
Abundance

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





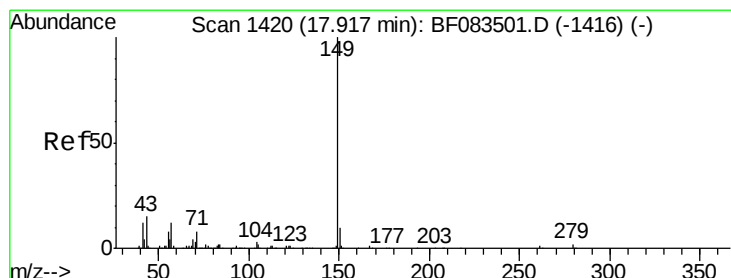
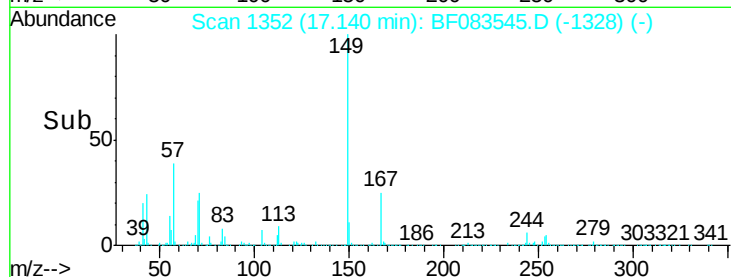
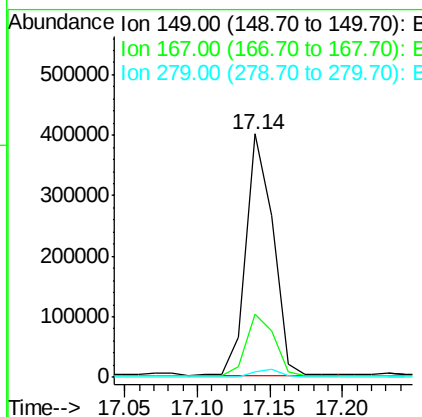
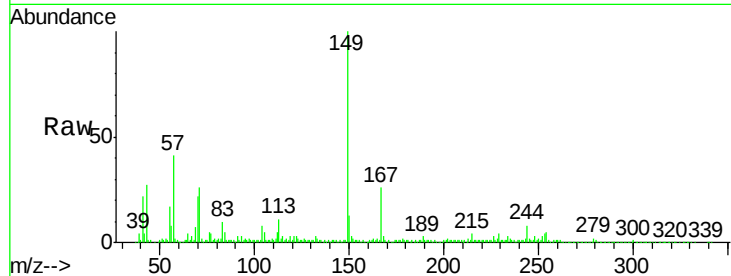
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.26 ng
 RT: 17.14 min Scan# 1352
 Delta R.T. -0.02 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Instrument :
 BNA_F
 ClientSampleId :
 K204-0-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.8	32.8
279	2.5	3.0	4.4#

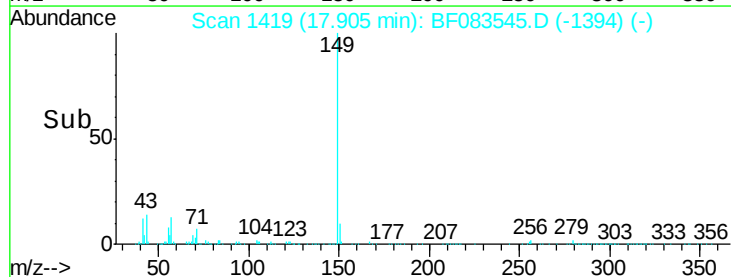
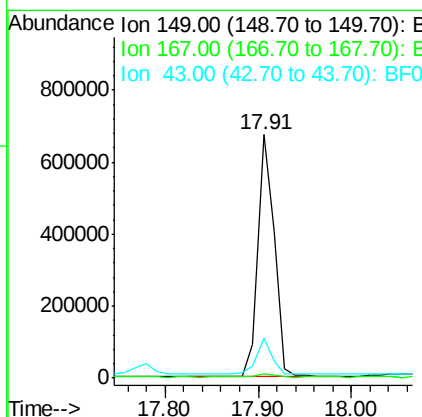
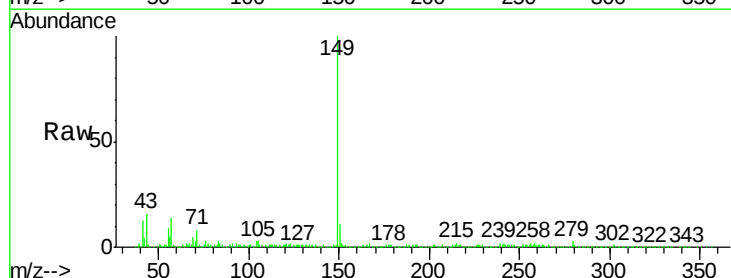
Manual Integrations
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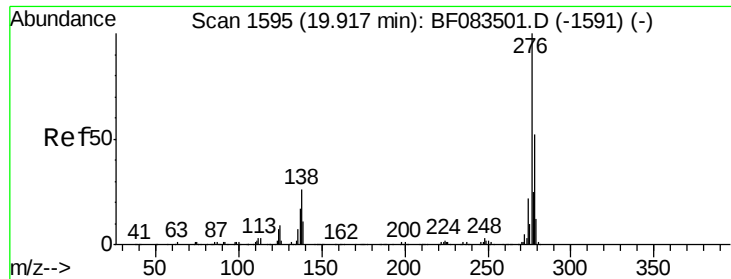
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 12/7/2015 6:33:35 PM



#84
 Di-n-octyl phthalate
 Concen: 50.40 ng
 RT: 17.91 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	0.0	0.0#
43	13.7	0.0	0.0#





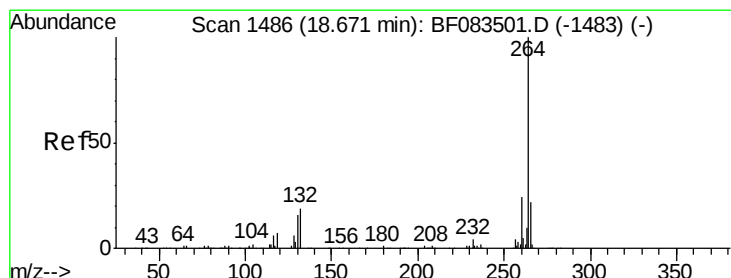
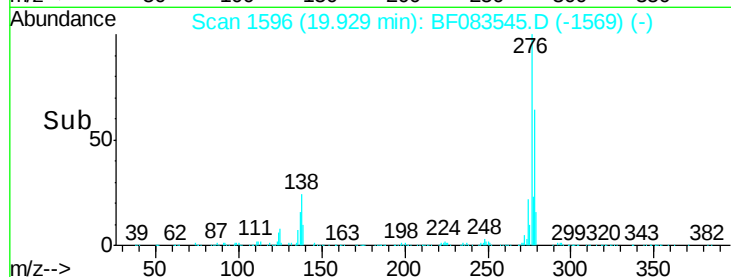
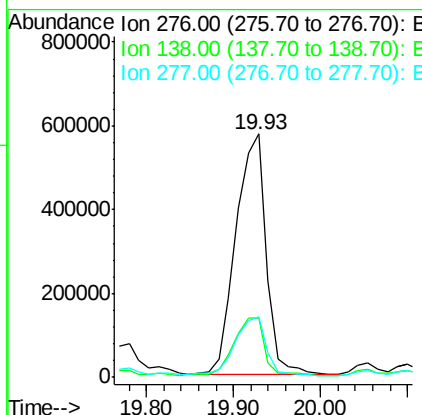
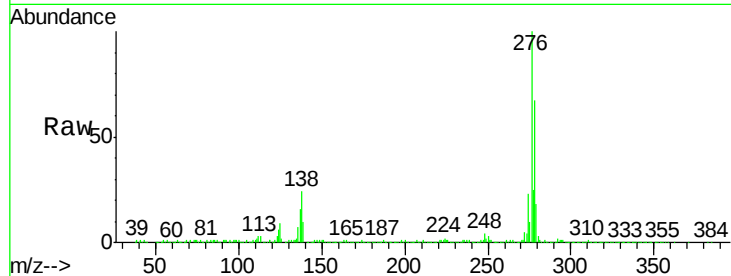
#85
Indeno(1,2,3-cd)pyrene
Concen: 93.56 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	0.0	0.0#
277	24.7	0.0	0.0#

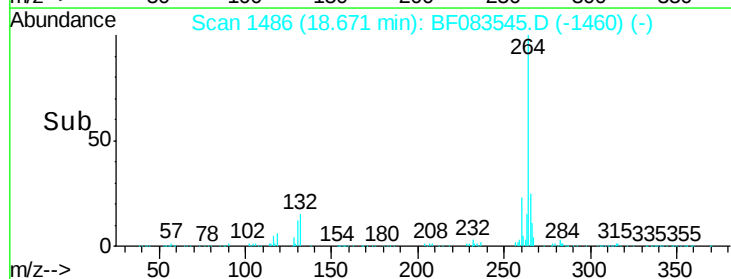
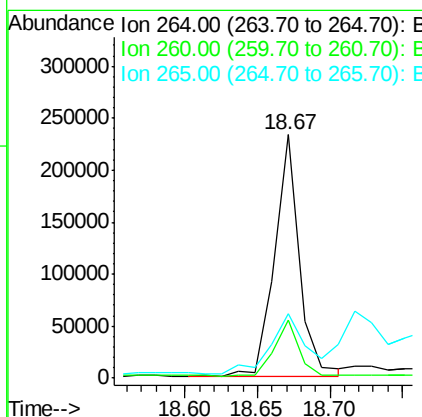
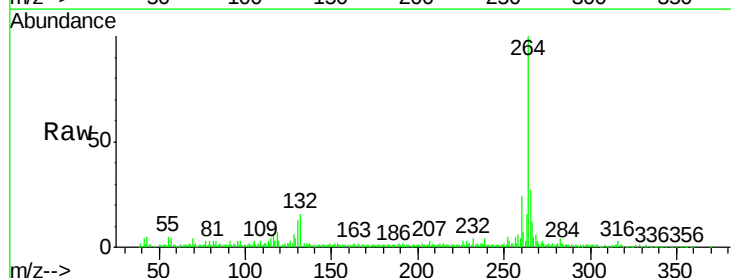
Manual Integrations
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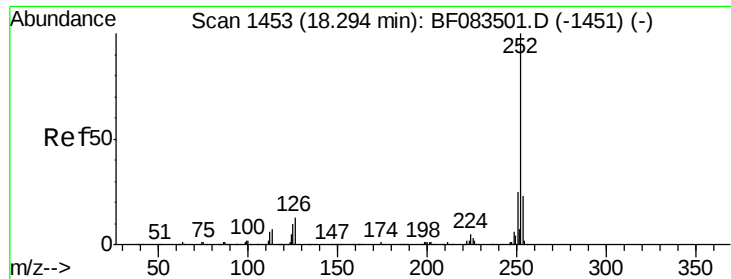
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	26.7	17.8	26.6#





#87

Benzo(b)fluoranthene

Concen: 178.97 ng m

RT: 18.31 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_F

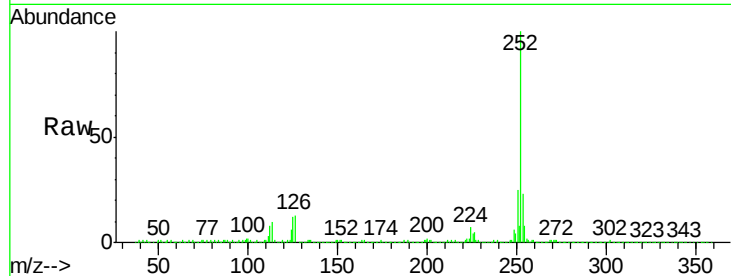
ClientSampleId :

K204-0-2MS

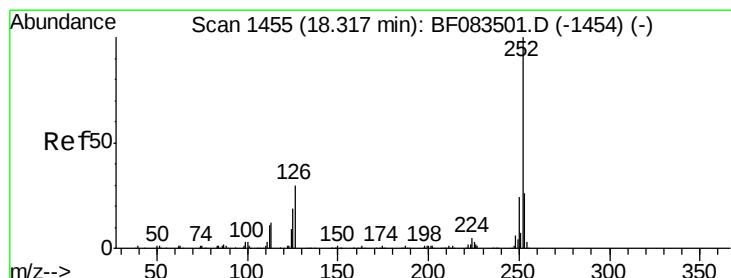
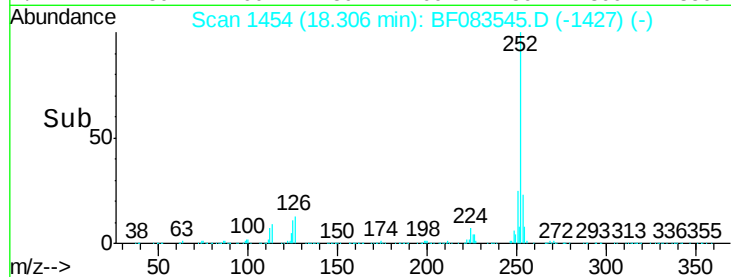
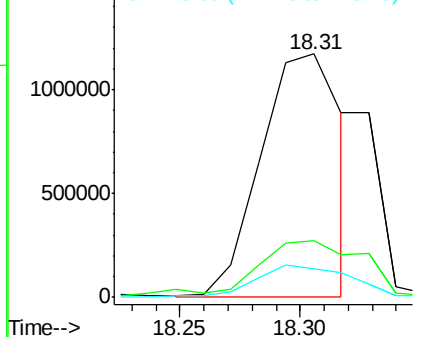
Tot Ion:	252	Resp:	2748720
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	11.7	8.2	12.4

Manual Integrations
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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: 42.68 ng m

RT: 18.33 min Scan# 1456

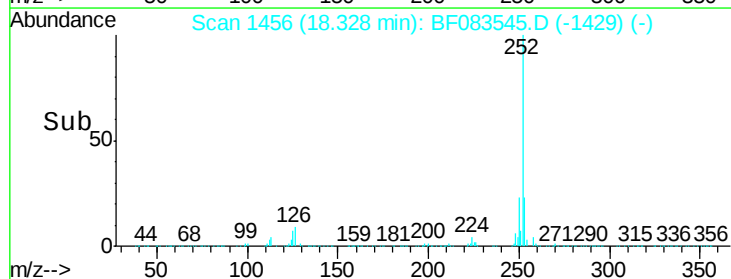
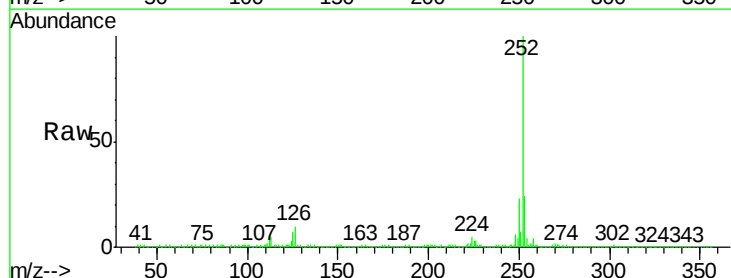
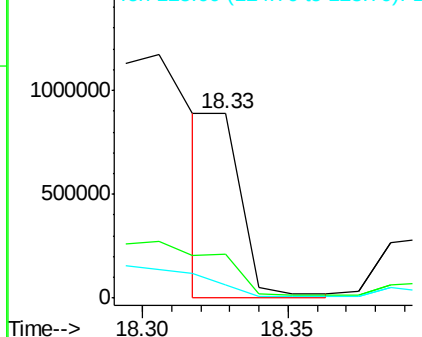
Delta R.T. 0.01 min

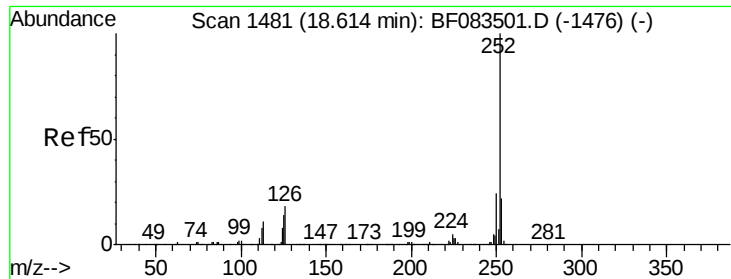
Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:	252	Resp:	671437
Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	27.8
125	7.1	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





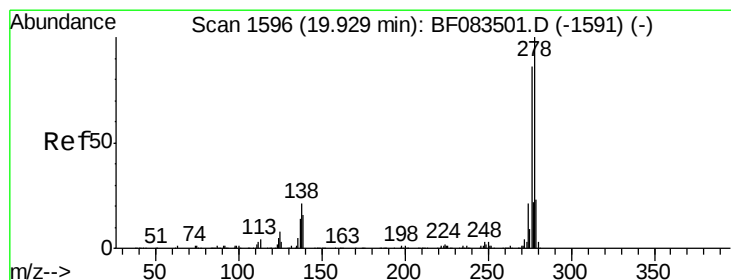
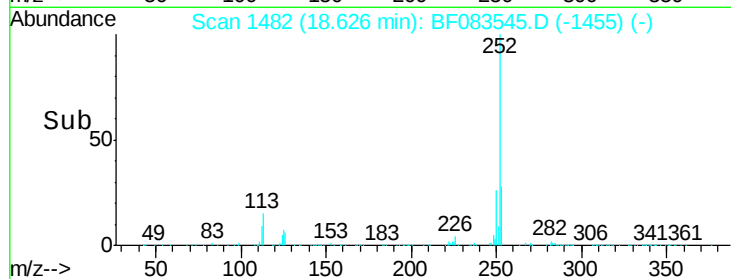
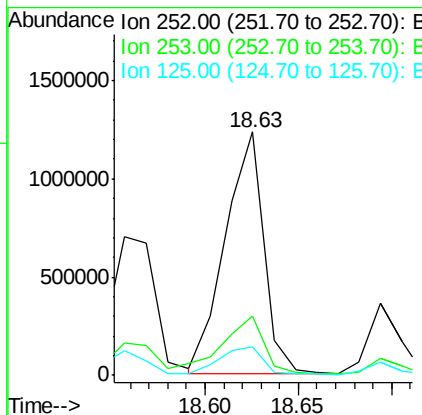
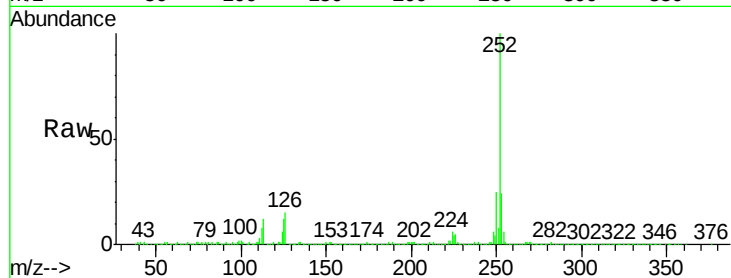
#89
Benzo(a)pyrene
Concen: 119.72 ng
RT: 18.63 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_F
ClientSampleId :
K204-0-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	11.6	11.0	16.6

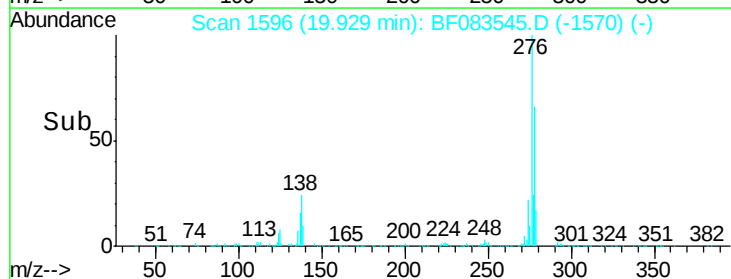
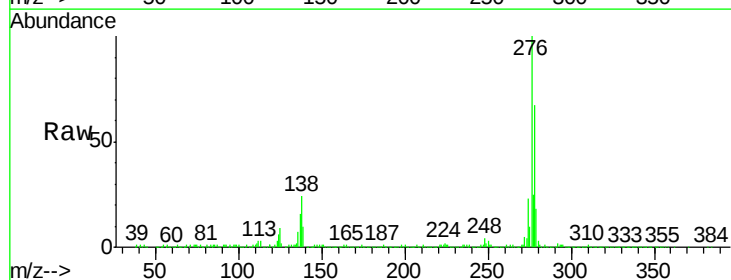
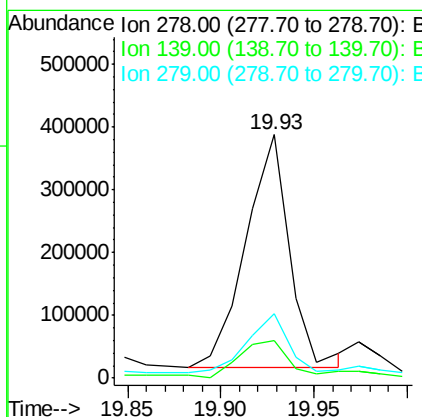
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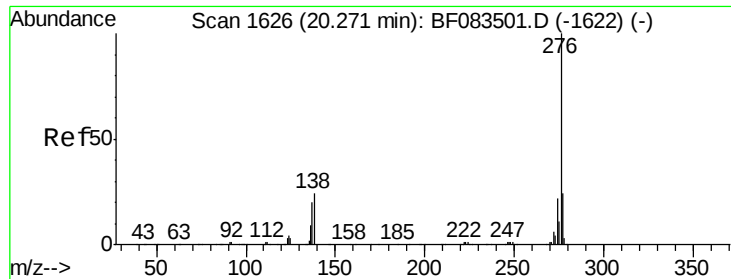
Mmdadoda
12/7/2015 6:33:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.74 ng
RT: 19.93 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.8	19.2
279	26.6	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 92.01 ng
 RT: 20.28 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Instrument :
 BNA_F
 ClientSampleId :
 K204-0-2MS

Tot Ion:	276	Resp:	1332729
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.2	28.8
138	23.8	19.5	29.3

Manual Integrations
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 12/7/2015 6:33:35 PM

