

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081387.D
 Acq On : 3 Sep 2015 20:47
 Operator : UM/IZ
 Sample : PB85343BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:51:12 PM

Quant Time: Sep 04 03:54:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	57787	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	219000	20.00	ng	-0.01
38) Acenaphthene-d10	9.40	164	109955	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	216522	20.00	ng	0.00
75) Chrysene-d12	13.47	240	171723	20.00	ng	0.00
86) Perylene-d12	14.78	264	110820	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.94	112	435169	116.84	ng	0.02
7) Phenol-d6	6.04	99	540826	109.70	ng	0.00
23) Nitrobenzene-d5	6.95	82	342376	75.43	ng	0.00
41) 2,4,6-Tribromophenol	10.19	330	128175	130.92	ng	0.00
44) 2-Fluorobiphenyl	8.74	172	564915	65.84	ng	-0.01
78) Terphenyl-d14	12.46	244	613870	83.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.78	88	51527	30.80	ng	# 89
3) Pyridine	2.32	79	123173	26.70	ng	95
4) n-Nitrosodimethylamine	2.27	42	89897	35.08	ng	# 76
6) Aniline	6.03	93	162902	23.40	ng	# 79
8) 2-Chlorophenol	6.16	128	151641	36.95	ng	91
9) Benzaldehyde	5.91	77	17766	5.75	ng	# 81
10) Phenol	6.06	94	209520	36.65	ng	# 53
11) bis(2-Chloroethyl)ether	6.12	93	159678	38.71	ng	92
12) 1,3-Dichlorobenzene	6.31	146	157099	35.83	ng	# 94
13) 1,4-Dichlorobenzene	6.39	146	158045	35.40	ng	# 91
14) 1,2-Dichlorobenzene	6.54	146	134836	33.54	ng	# 85
15) Benzyl Alcohol	6.54	79	137670	34.04	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	287433	36.35	ng	# 19
17) 2-Methylphenol	6.67	107	124285	37.95	ng	# 75
18) Hexachloroethane	6.88	117	61192	35.23	ng	89
19) n-Nitroso-di-n-propylamine	6.81	70	113255	33.75	ng	# 86
20) 3+4-Methylphenols	6.83	107	164468	37.25	ng	89
22) Acetophenone	6.80	105	221499	37.03	ng	# 78
24) Nitrobenzene	6.97	77	182088	38.63	ng	# 73
25) Isophorone	7.21	82	295486	35.00	ng	# 83
26) 2-Nitrophenol	7.29	139	76645	37.31	ng	# 73
27) 2,4-Dimethylphenol	7.35	122	126739	35.72	ng	# 78
28) bis(2-Chloroethoxy)methane	7.44	93	187195	38.38	ng	# 91
29) 2,4-Dichlorophenol	7.54	162	115436	37.51	ng	99
30) 1,2,4-Trichlorobenzene	7.61	180	129495	38.74	ng	99
31) Naphthalene	7.68	128	405830	34.75	ng	97
32) Benzoic acid	7.51	122	74505	30.39	ng	# 61
33) 4-Chloroaniline	7.75	127	103463	21.72	ng	# 85
34) Hexachlorobutadiene	7.80	225	71643	35.22	ng	98
35) Caprolactam	8.12	113	45202m	47.90	ng	
36) 4-Chloro-3-methylphenol	8.26	107	157084	45.61	ng	# 79
37) 2-Methylnaphthalene	8.38	142	287911	37.88	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	109386	31.46	ng	97
40) Hexachlorocyclopentadiene	8.52	237	118829	69.63	ng	96

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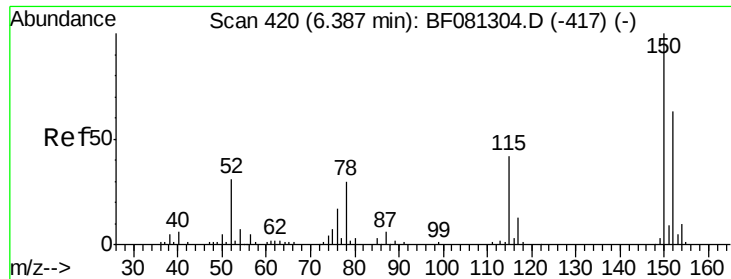
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	80422	33.51	nq	99
43) 2,4,5-Trichlorophenol	8.72	196	81957	33.47	nq #	92
45) 1,1'-Biphenyl	8.84	154	346644	34.27	nq	96
46) 2-Chloronaphthalene	8.86	162	250808	34.33	nq #	89
47) 2-Nitroaniline	8.97	65	110464	37.10	nq #	78
48) Acenaphthylene	9.27	152	442453	34.14	nq	98
49) Dimethylphthalate	9.16	163	306174	35.84	nq #	97
50) 2,6-Dinitrotoluene	9.21	165	56480	29.13	nq #	6
51) Acenaphthene	9.44	154	267021	36.22	nq	91
52) 3-Nitroaniline	9.38	138	53318	24.15	nq #	84
53) 2,4-Dinitrophenol	9.48	184	59672	73.07	nq #	1
54) Dibenzofuran	9.61	168	402559	37.39	nq #	89
55) 4-Nitrophenol	9.58	139	102887m	74.19	nq	
56) 2,4-Dinitrotoluene	9.61	165	81161	32.87	nq #	15
57) Fluorene	9.94	166	282463	34.57	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.74	232	75800	40.55	nq	95
59) Diethylphthalate	9.85	149	306902	34.15	nq	94
60) 4-Chlorophenyl-phenylether	9.95	204	146036	38.35	nq	98
61) 4-Nitroaniline	9.99	138	68501	30.72	nq #	23
62) Azobenzene	10.10	77	353347	35.37	nq #	80
64) 4,6-Dinitro-2-methylphenol	10.02	198	47834	39.50	nq #	77
65) n-Nitrosodiphenylamine	10.08	169	269146	34.16	nq	92
66) 4-Bromophenyl-phenylether	10.43	248	83499	38.14	nq	99
67) Hexachlorobenzene	10.49	284	83680	36.56	nq #	79
68) Atrazine	10.62	200	90793	39.82	nq	81
69) Pentachlorophenol	10.68	266	85547	77.12	nq	99
70) Phenanthrene	10.89	178	417790	34.71	nq	97
71) Anthracene	10.95	178	436235	35.27	nq	99
72) Carbazole	11.11	167	429005	36.97	nq	97
73) Di-n-butylphthalate	11.46	149	525376	38.34	nq #	98
74) Fluoranthene	12.07	202	498566	38.26	nq	85
76) Benzidine	12.21	184	235653	31.97	nq	98
77) Pyrene	12.29	202	488384	38.39	nq	97
79) Butylbenzylphthalate	12.94	149	215852	39.02	nq #	81
80) Benzo(a)anthracene	13.46	228	389976	35.66	nq	98
81) 3,3'-Dichlorobenzidine	13.45	252	82266	22.30	nq #	90
82) Chrysene	13.50	228	349964	35.70	nq	95
83) Bis(2-ethylhexyl)phthalate	13.51	149	277763	38.05	nq #	93
84) Di-n-octyl phthalate	14.11	149	413836	34.43	nq	98
85) Indeno(1,2,3-cd)pyrene	15.86	276	229921	31.97	nq #	87
87) Benzo(b)fluoranthene	14.46	252	337354m	42.64	nq	
88) Benzo(k)fluoranthene	14.48	252	244004m	37.17	nq	
89) Benzo(a)pyrene	14.73	252	248230	37.03	nq #	88
90) Dibenzo(a,h)anthracene	15.87	278	191650	36.99	nq #	79
91) Benzo(g,h,i)perylene	16.18	276	190122	38.45	nq #	72

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



#1

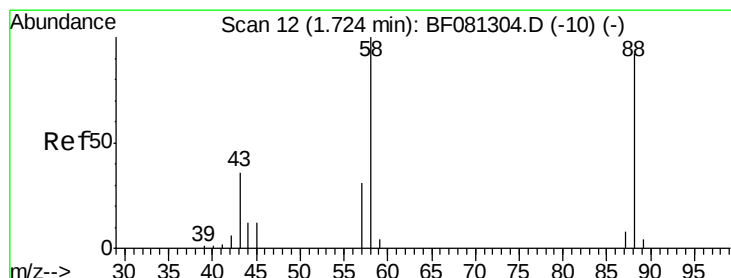
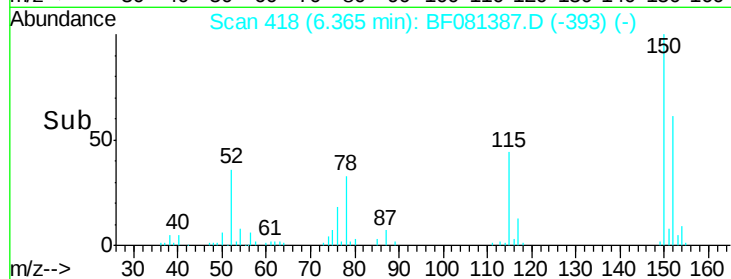
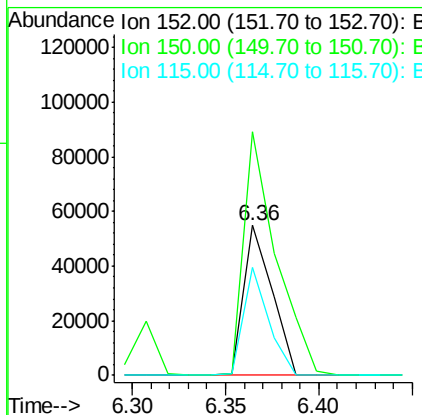
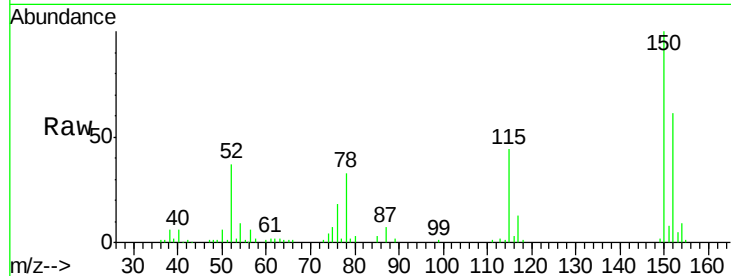
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.7	187.1
115	71.8	39.0	58.4

Manual Integrations
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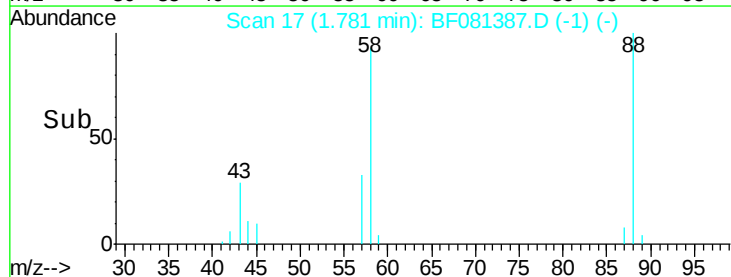
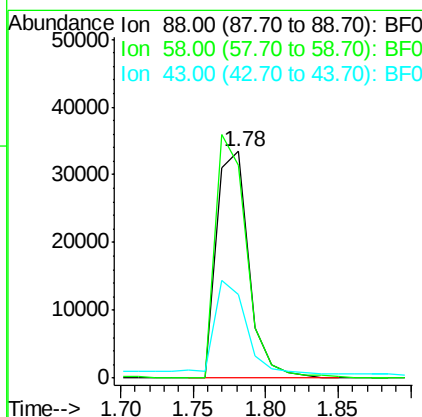
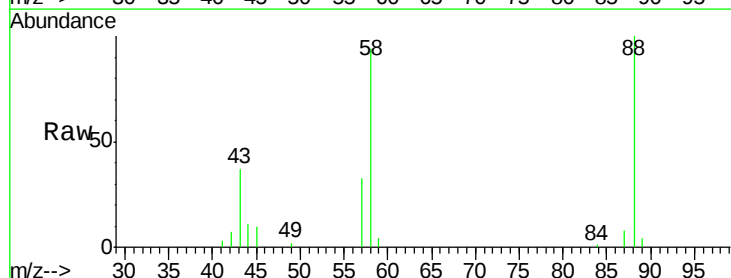
MMDadoda
9/4/2015 2:51:12 PM

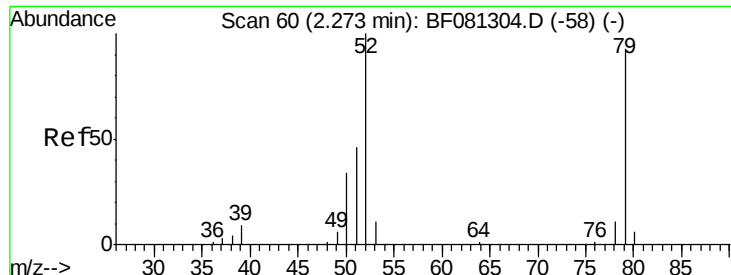


#2

1,4-Dioxane
Concen: 30.80 ng
RT: 1.78 min Scan# 17
Delta R.T. 0.10 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.0	77.7	116.5
43	45.2	26.6	40.0





#3

Pvridine

Concen: 26.70 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

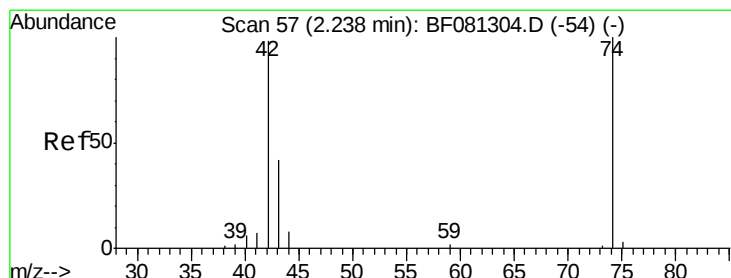
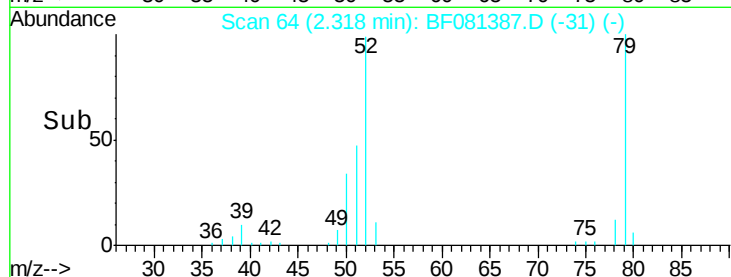
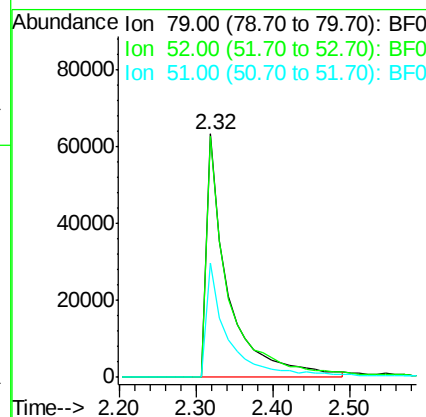
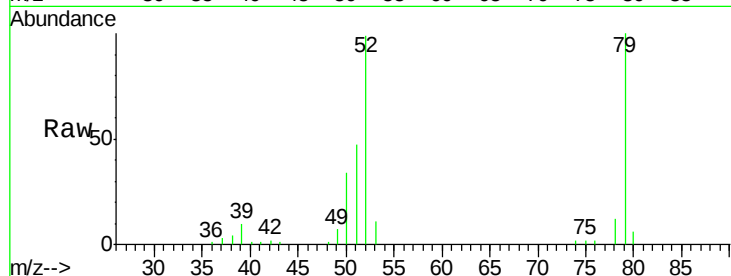
ClientSampleId :

PB85343BS

Tot Ion:	79	Resp:	123173
Ion	Ratio	Lower	Upper
79	100		
52	99.1	76.8	115.2
51	47.0	32.2	48.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.08 ng

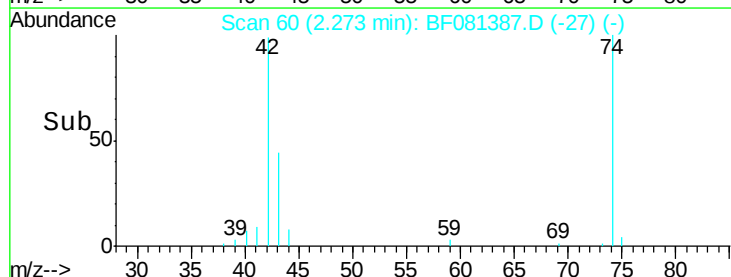
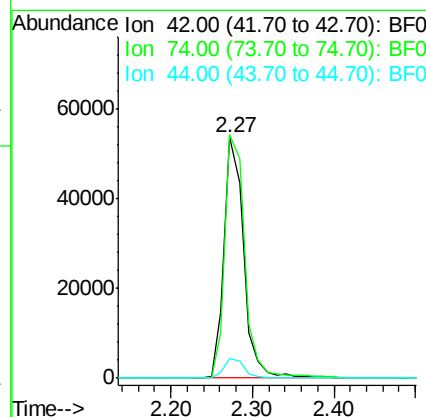
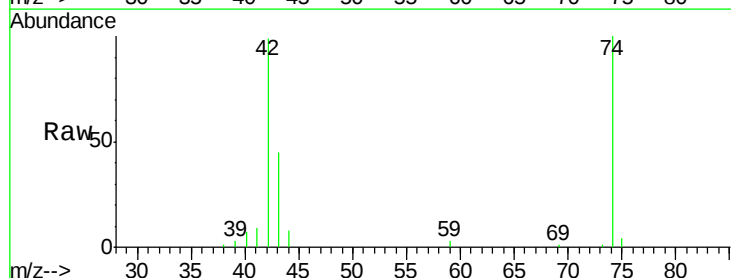
RT: 2.27 min Scan# 60

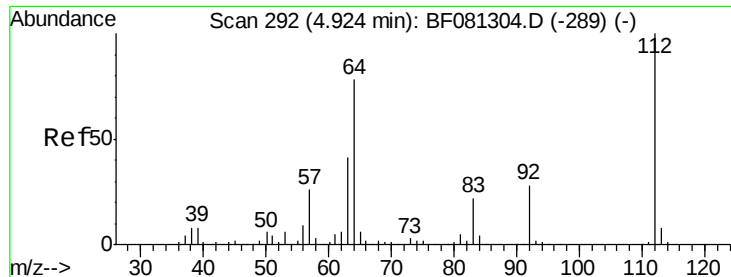
Delta R.T. 0.08 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion:	42	Resp:	89897
Ion	Ratio	Lower	Upper
42	100		
74	101.1	105.0	157.6#
44	8.1	6.6	10.0





#5

2-Fluorophenol

Concen: 116.84 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

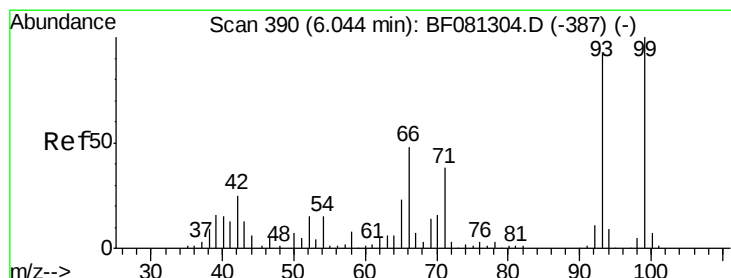
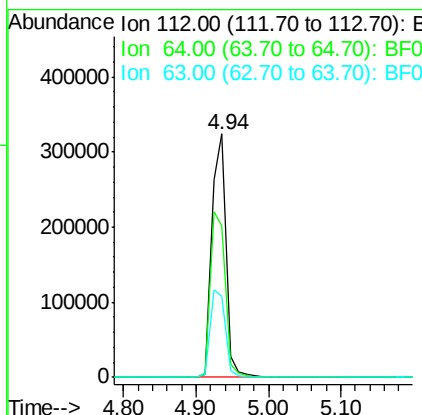
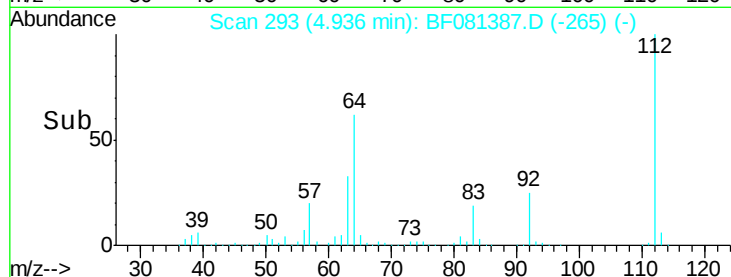
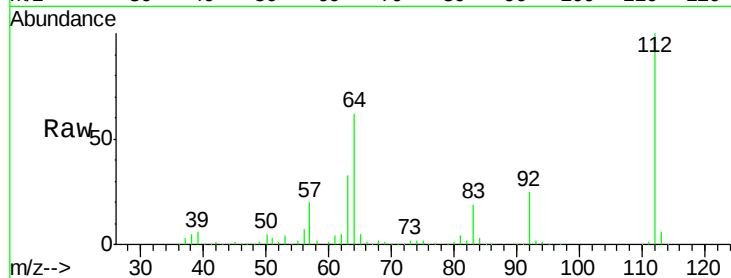
ClientSampleId :

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Tot Ion:	112	Resp:	435169
Ion Ratio	Lower	Upper	
112	100		
64	62.1	39.7	59.5#
63	33.2	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 23.40 ng

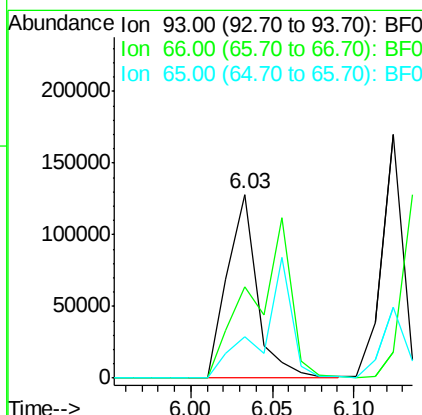
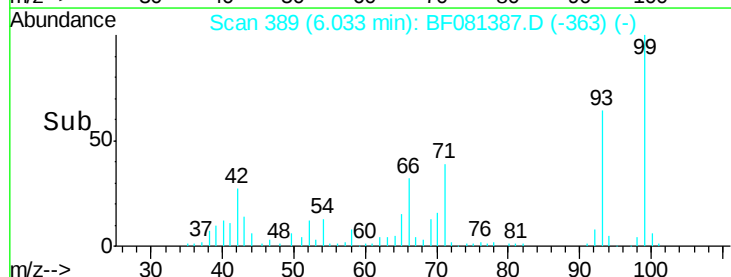
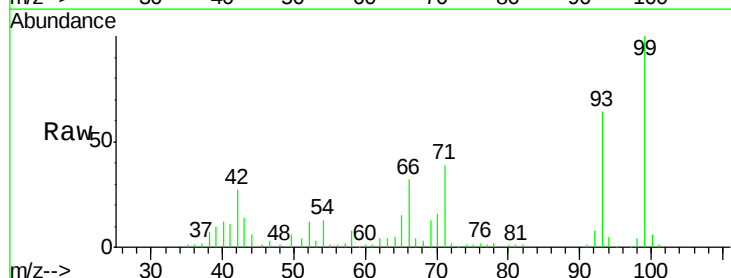
RT: 6.03 min Scan# 389

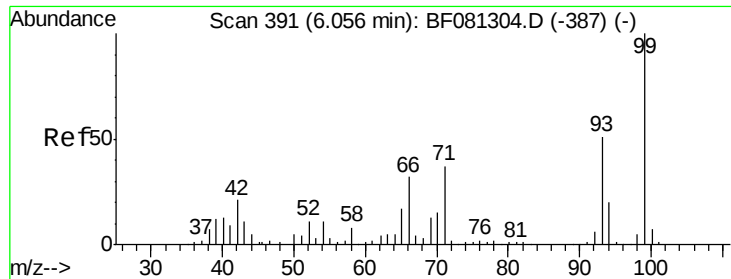
Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion:	93	Resp:	162902
Ion Ratio	Lower	Upper	
93	100		
66	49.4	27.2	40.8#
65	22.8	14.7	22.1#





#7

Phenol-d6

Concen: 109.70 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

ClientSampleId :

PB85343BS

Tot Ion: 99 Resp: 540826

Ion Ratio Lower Upper

99 100

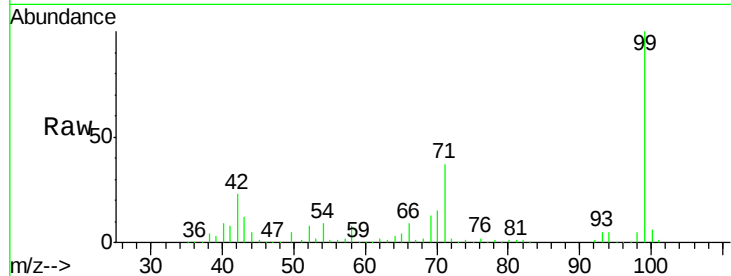
42 22.6 13.7 20.5#

71 37.5 14.2 21.2#

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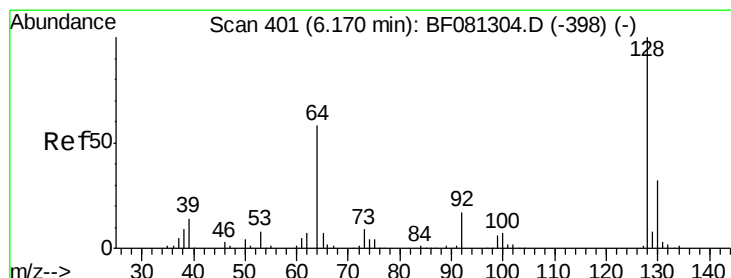
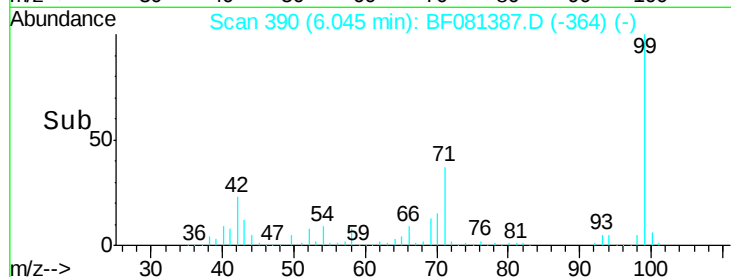
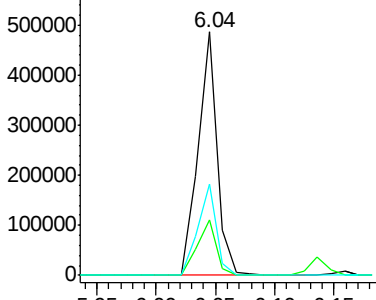
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.95 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

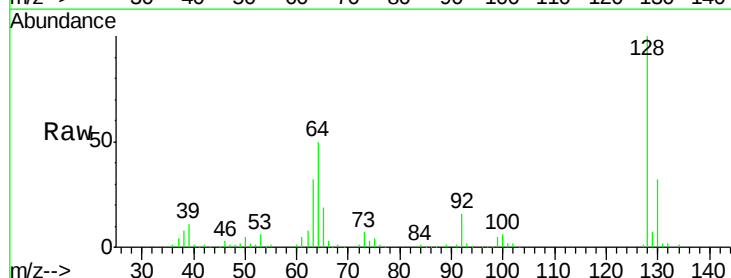
Tgt Ion:128 Resp: 151641

Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

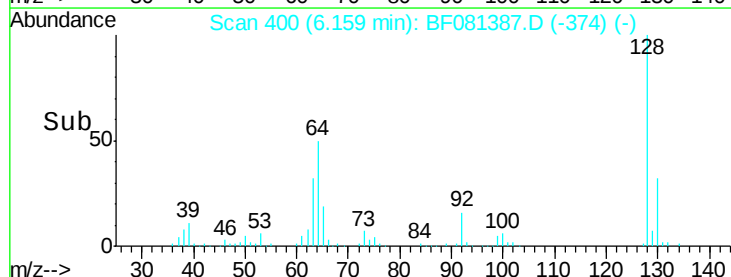
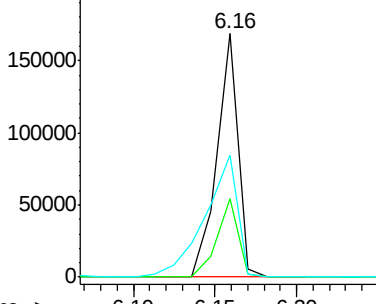
64 49.9 20.5 60.5

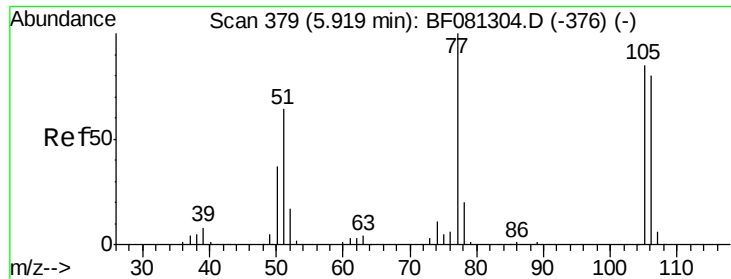


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.75 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

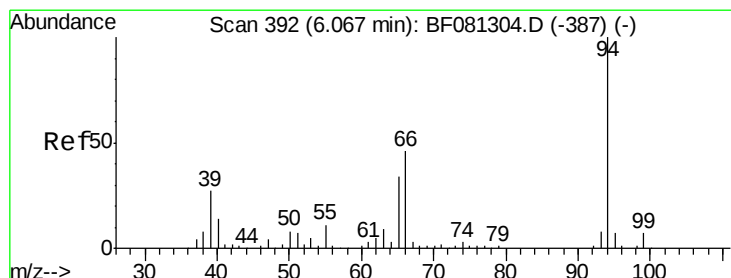
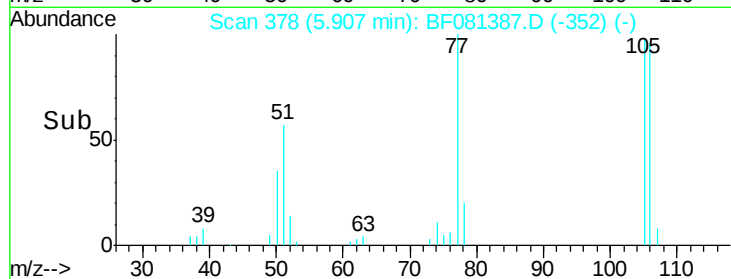
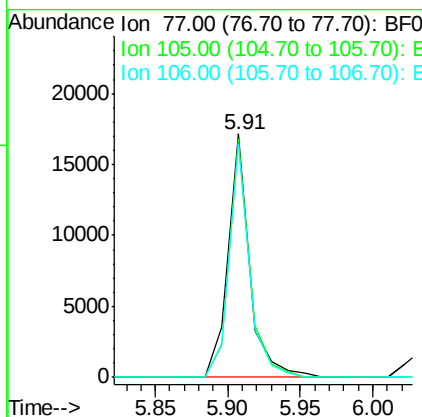
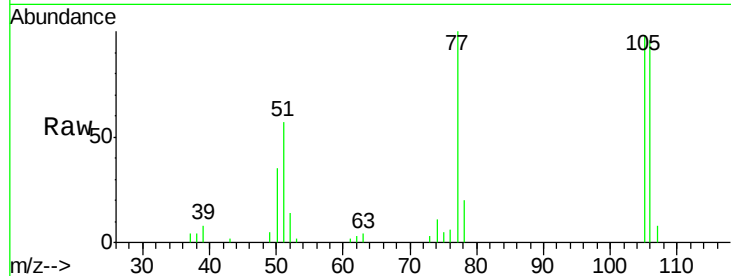
ClientSampleId :

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Tot Ion:	77	Resp:	17766
Ion	Ratio	Lower	Upper
77	100		
105	98.0	91.6	131.6
106	95.8	102.6	142.6#



#10

Phenol

Concen: 36.65 ng

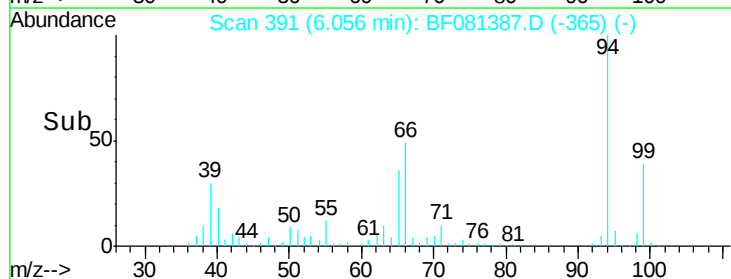
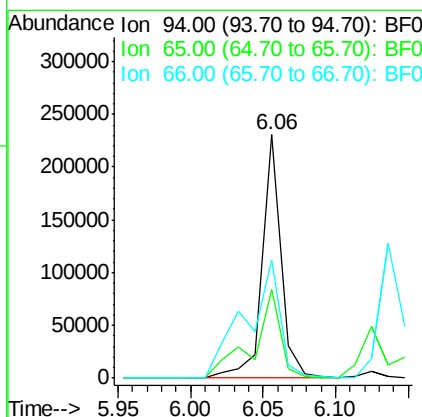
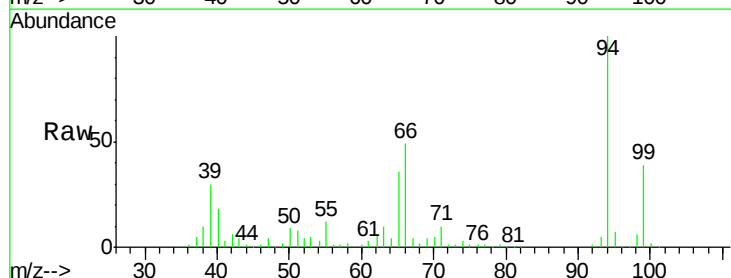
RT: 6.06 min Scan# 391

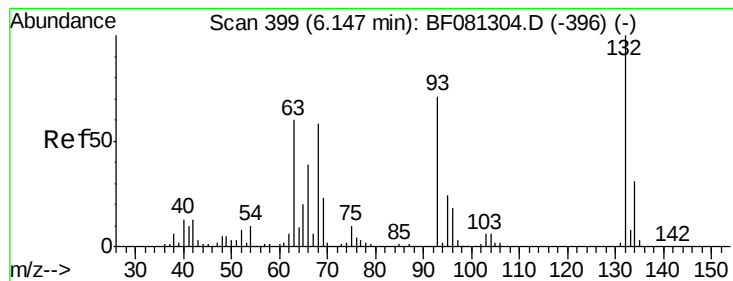
Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion:	94	Resp:	209520
Ion	Ratio	Lower	Upper
94	100		
65	36.5	0.7	40.7
66	48.6	0.8	40.8#





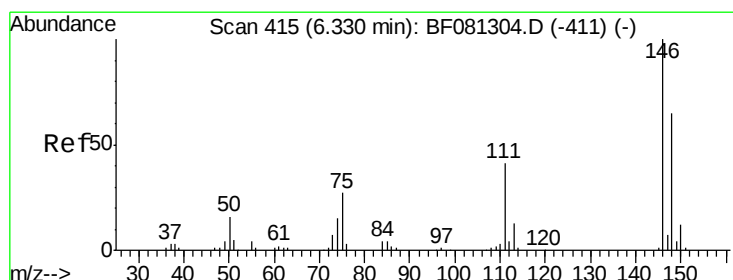
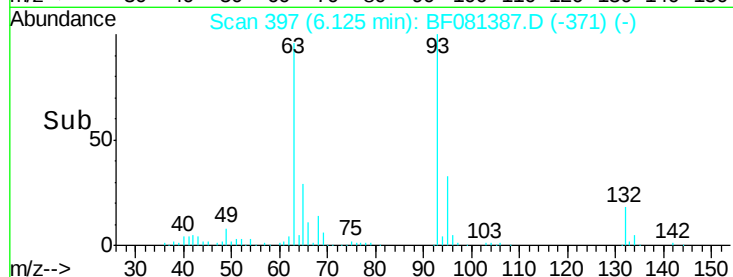
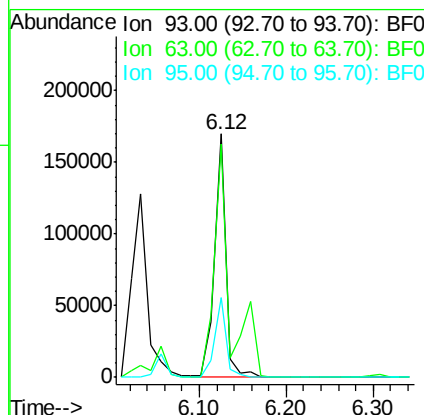
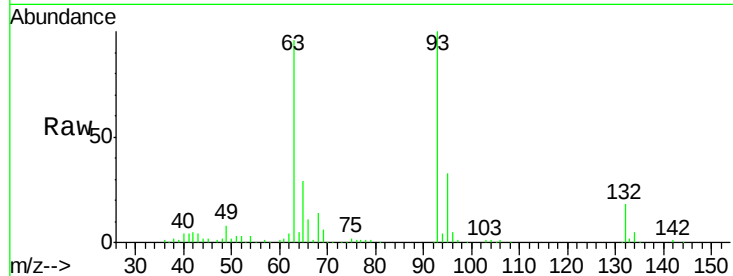
#11
bis(2-Chloroethyl)ether
Concen: 38.71 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	159678		
63	95.7	65.6	105.6	
95	32.5	13.6	53.6	

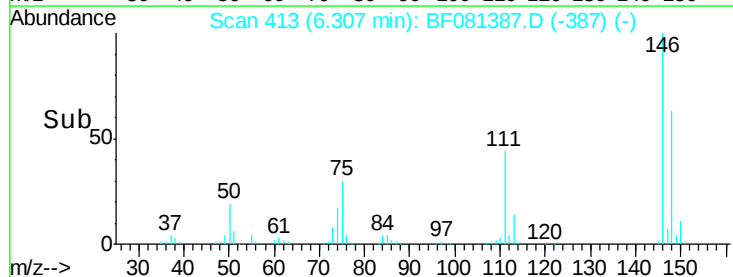
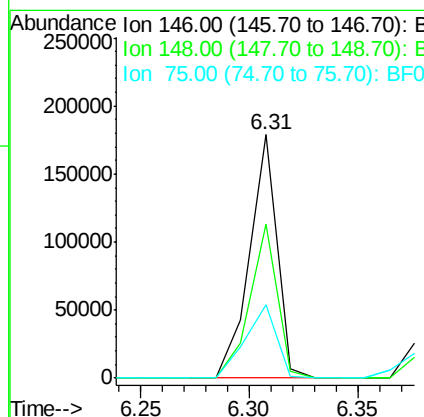
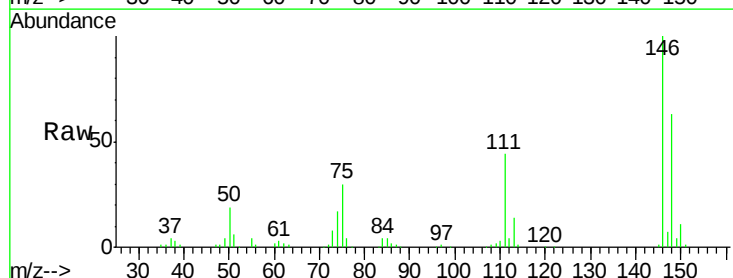
Manual Integrations
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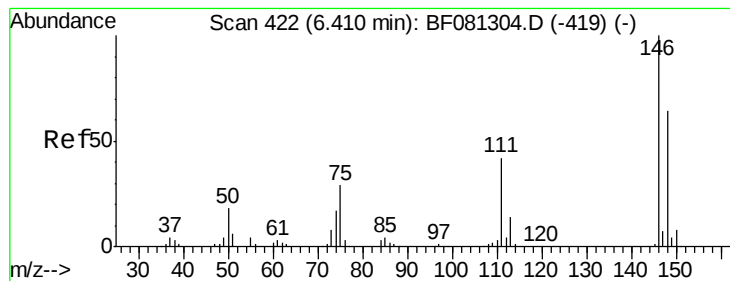
MMDadoda
9/4/2015 2:51:12 PM



#12
1,3-Dichlorobenzene
Concen: 35.83 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	157099		
148	63.1	51.0	76.4	
75	30.0	15.0	22.6	





#13

1,4-Dichlorobenzene

Concen: 35.40 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

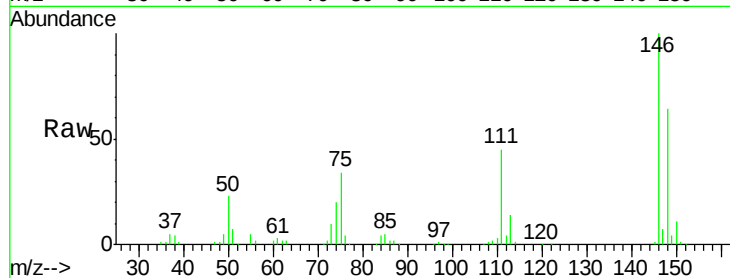
ClientSampleId :

PB85343BS

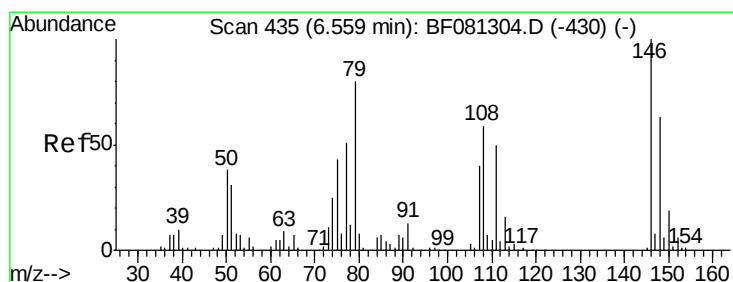
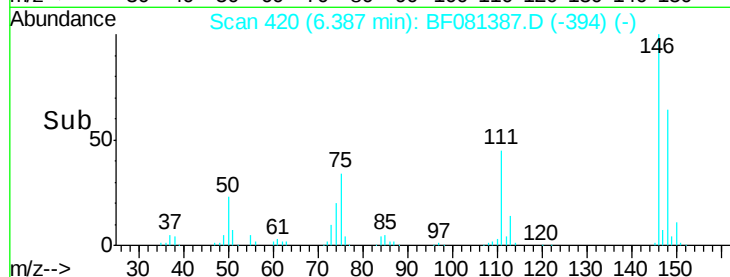
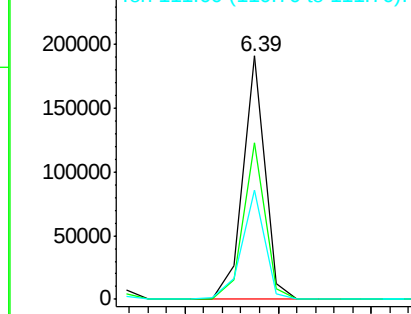
Tot Ion:	146	Resp:	158045
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.6
111	45.1	24.9	37.3#

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



#14

1,2-Dichlorobenzene

Concen: 33.54 ng

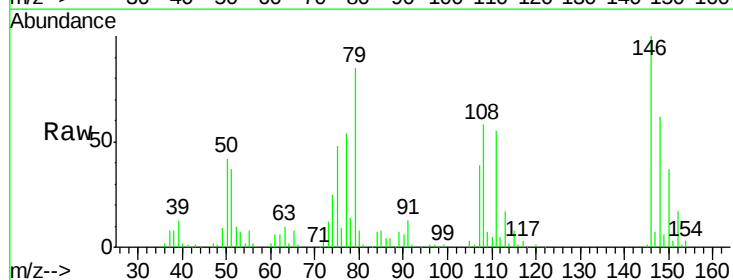
RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

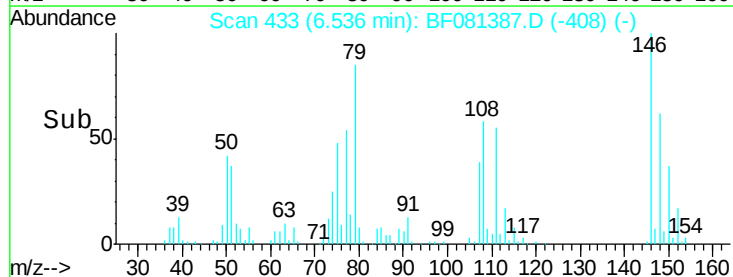
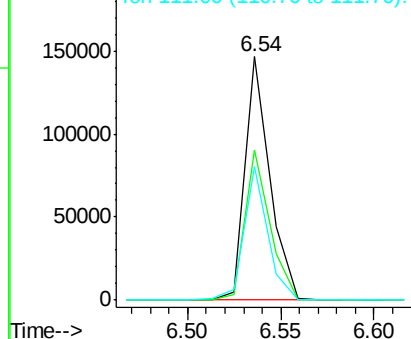
Lab File: BF081387.D

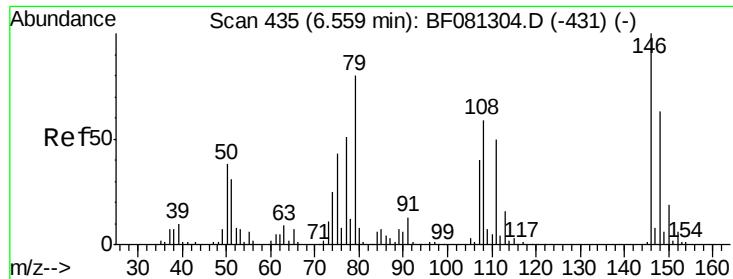
Acq: 3 Sep 2015 20:47

Tgt Ion:	146	Resp:	134836
Ion Ratio	Lower	Upper	
146	100		
148	61.8	52.7	79.1
111	55.0	28.8	43.2#



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





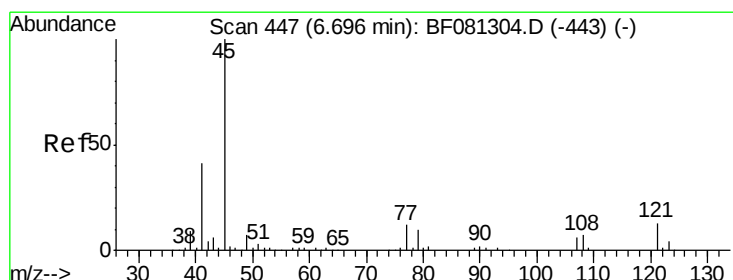
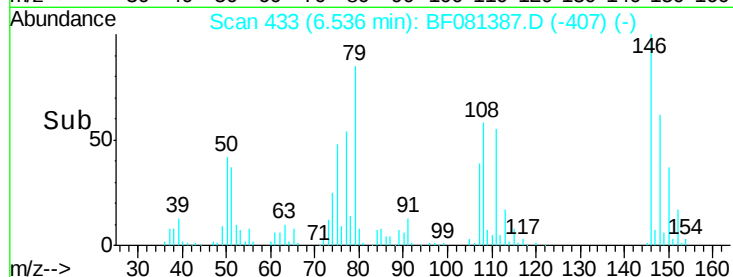
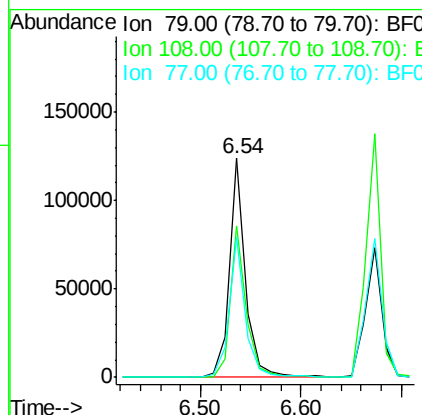
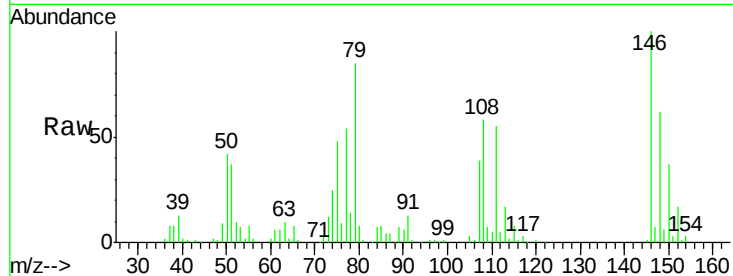
#15
Benzyl Alcohol
Concen: 34.04 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion: 79 Resp: 137670
Ion Ratio Lower Upper
79 100
108 69.1 88.6 132.8#
77 63.8 47.0 70.4

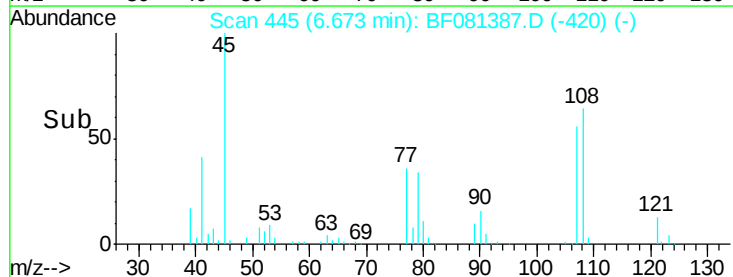
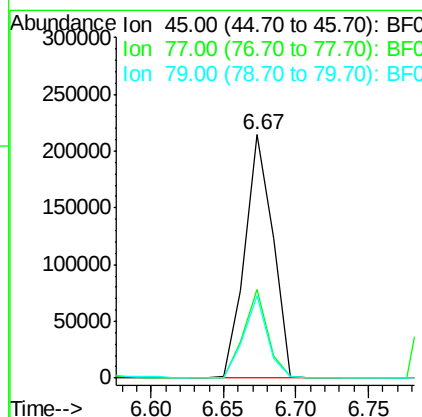
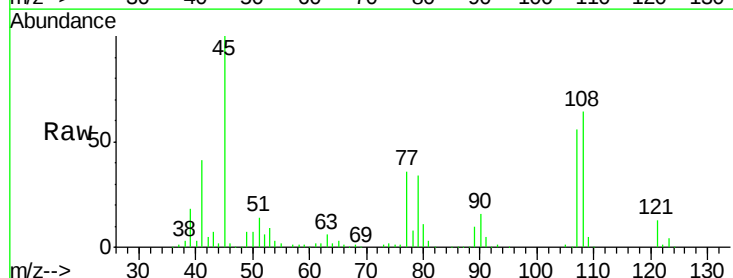
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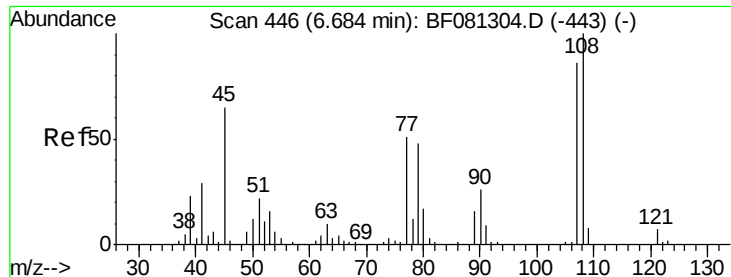
MMDadoda
9/4/2015 2:51:12 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.35 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion: 45 Resp: 287433
Ion Ratio Lower Upper
45 100
77 36.4 0.0 28.1#
79 34.1 0.0 26.0#





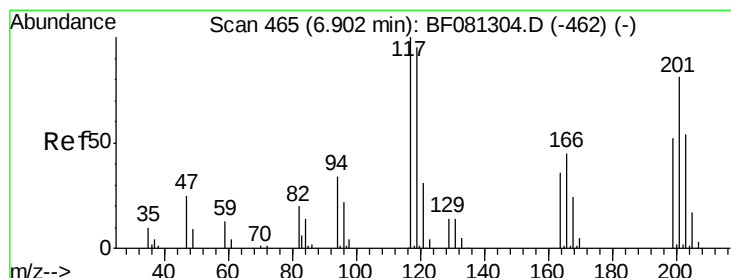
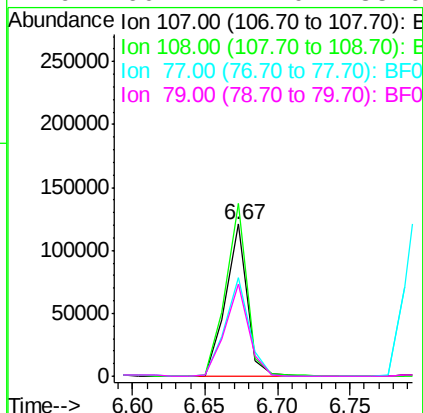
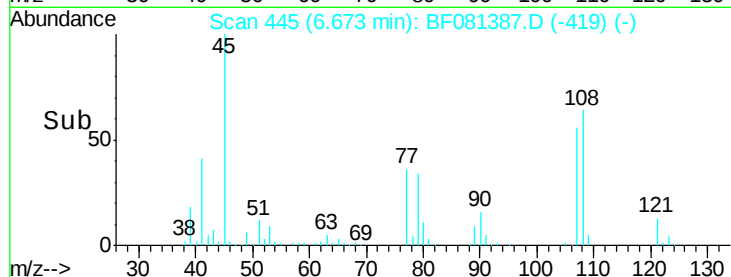
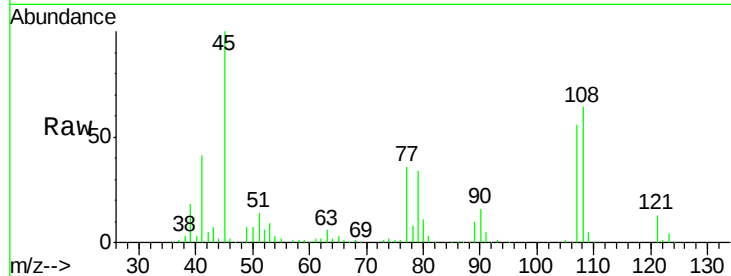
#17
2-Methylphenol
Concen: 37.95 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	96.6	145.0	
77	64.7	23.3	34.9	
79	60.4	22.0	33.0	

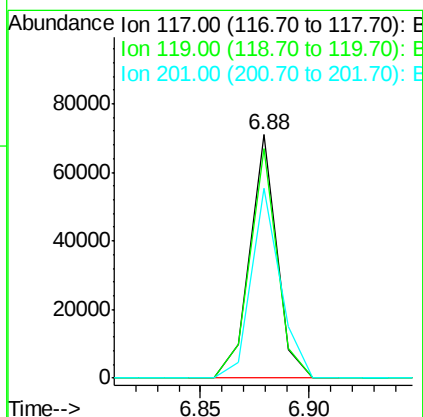
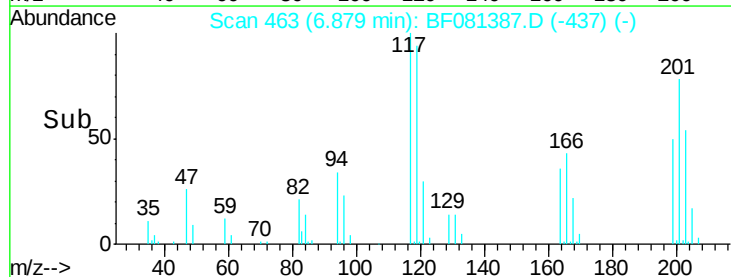
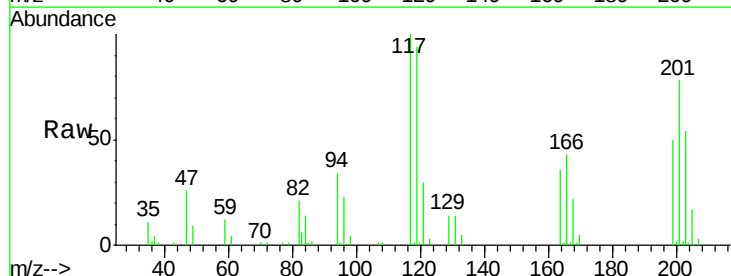
Manual Integrations
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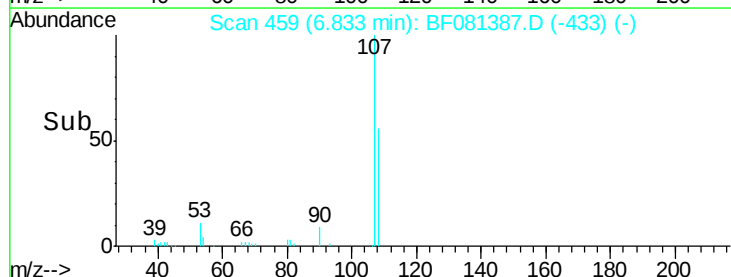
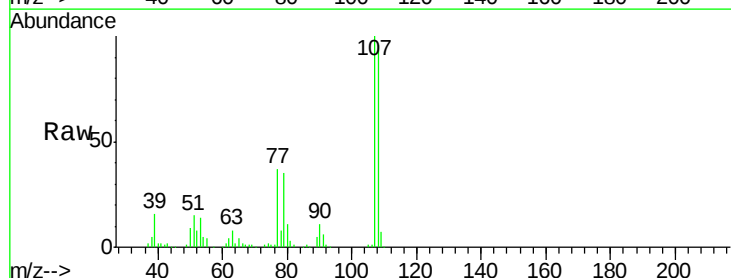
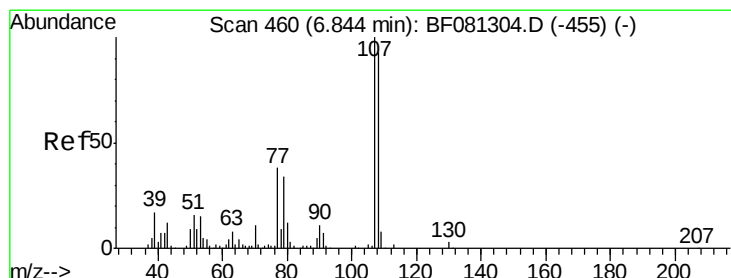
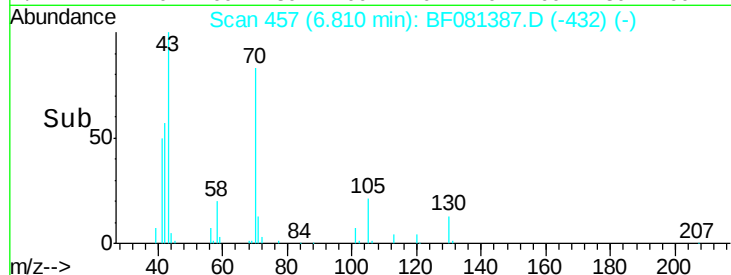
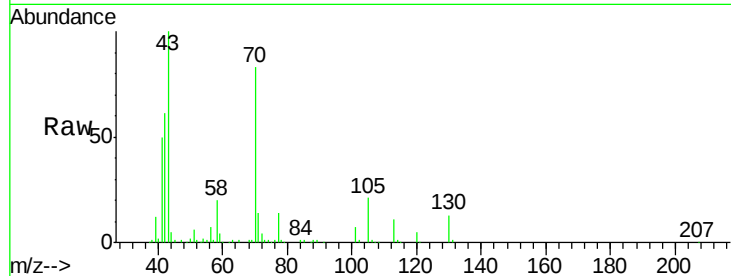
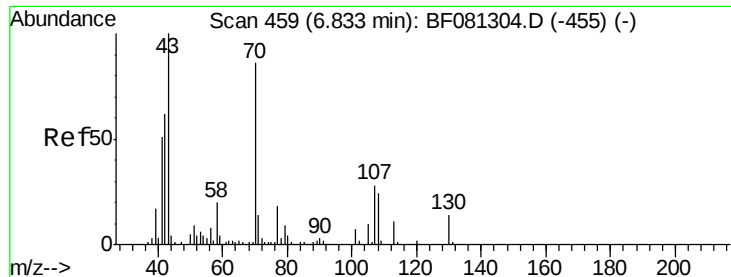
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#18
Hexachloroethane
Concen: 35.23 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	83.8	125.6	
201	78.0	55.1	82.7	





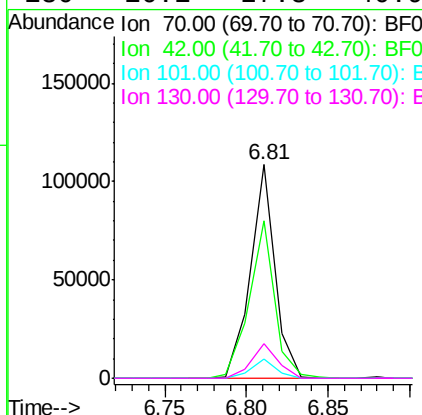
#19
n-Nitroso-di-n-propylamine
Concen: 33.75 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
70	100			
42	73.6	63.8	95.6	
101	8.8	9.2	13.8	
130	16.1	27.3	40.9	

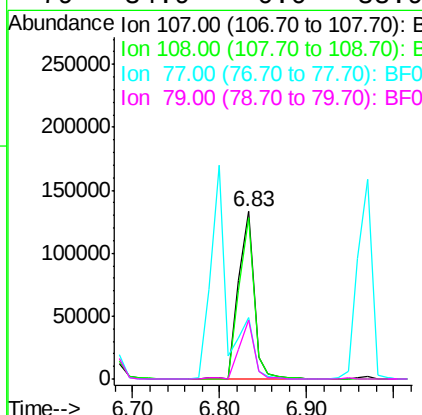
Manual Integrations
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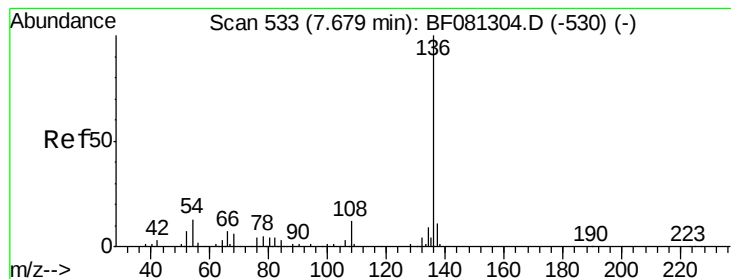
MMDadoda
9/4/2015 2:51:12 PM



#20
3+4-Methylphenols
Concen: 37.25 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
107	100			
108	96.2	74.6	114.6	
77	36.7	0.7	40.7	
79	34.9	0.0	38.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

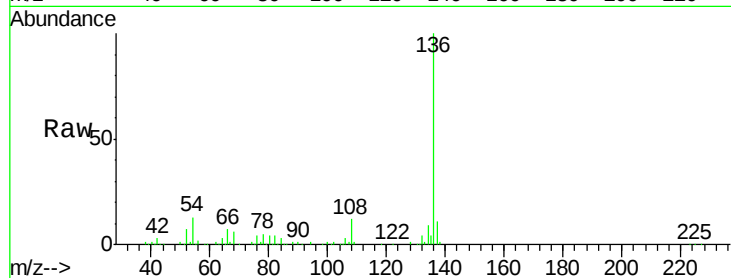
ClientSampleId :

PB85343BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.0	13.6
54	13.2	8.2	12.2#
68	5.9	5.8	8.6

Manual Integrations
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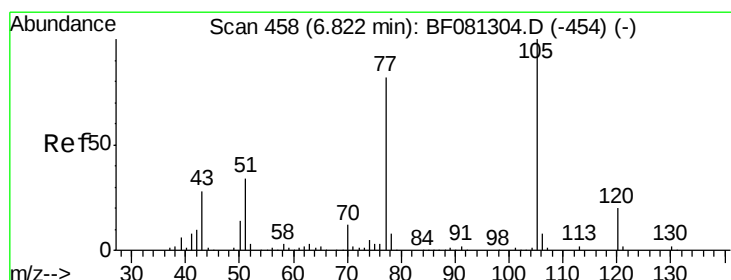
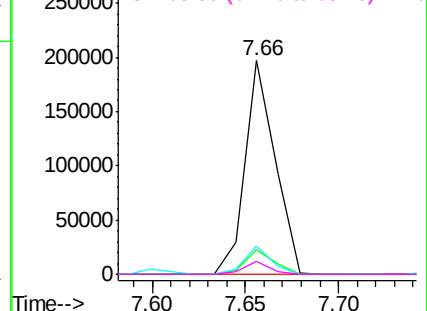
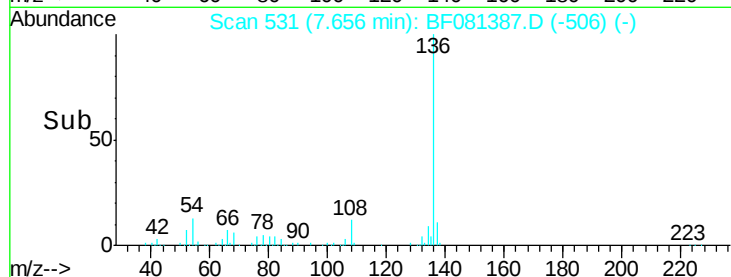
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.03 ng

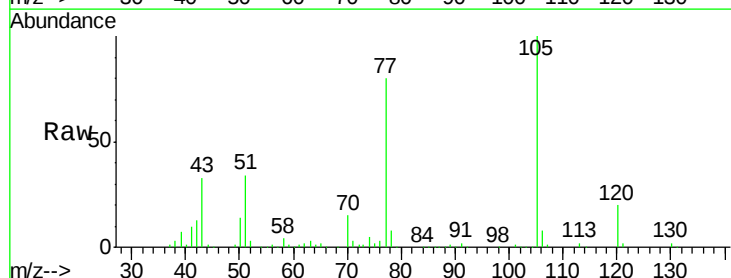
RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.5	4.7	7.1#
51	34.5	22.0	33.0#
120	19.9	30.1	45.1#



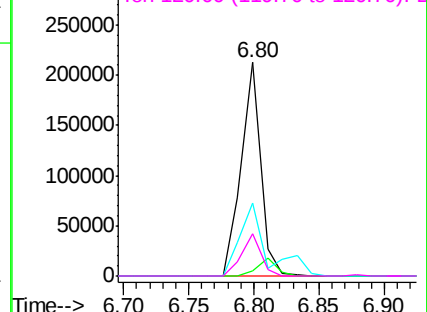
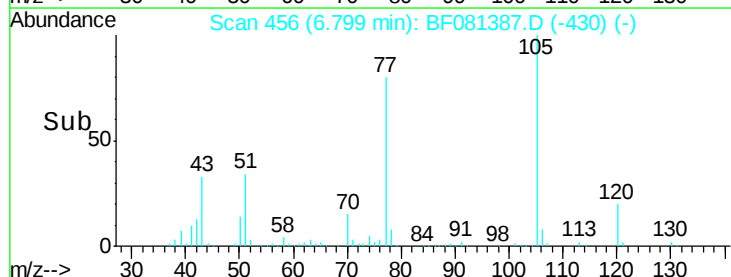
Abundance

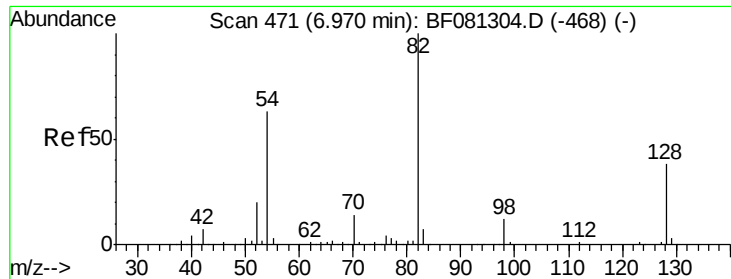
Ion 105.00 (104.70 to 105.70): E

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





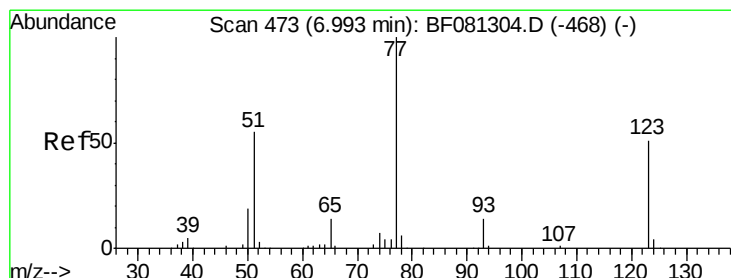
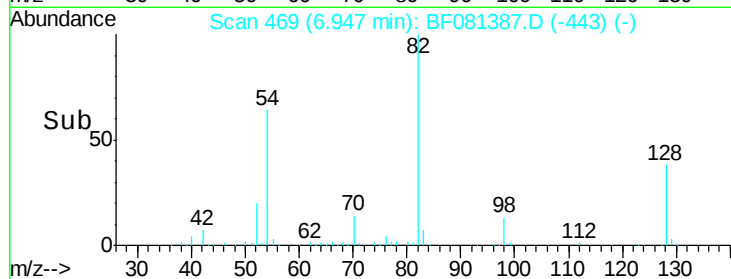
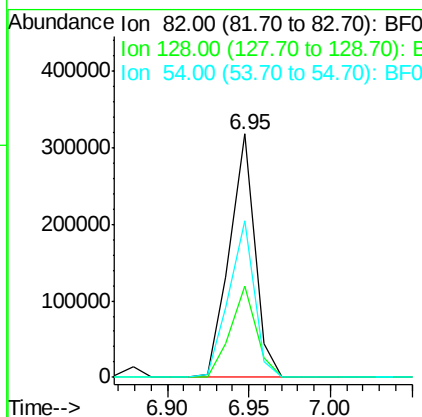
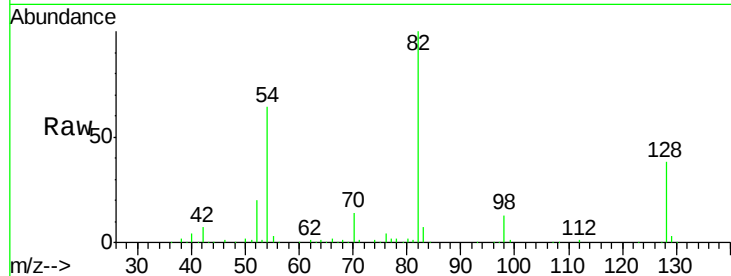
#23
 Nitrobenzene-d5
 Concen: 75.43 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	82	Resp	342376
Ion Ratio	Lower	Upper	
82	100		
128	37.6	51.0	76.6#
54	64.2	47.5	71.3

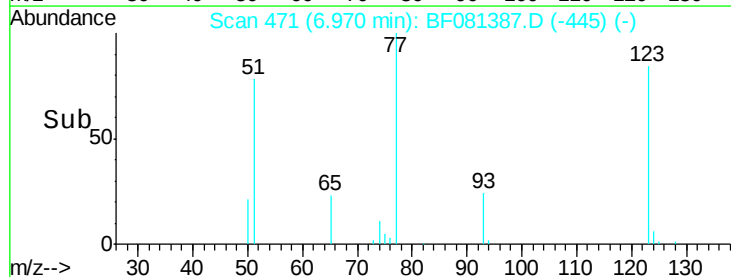
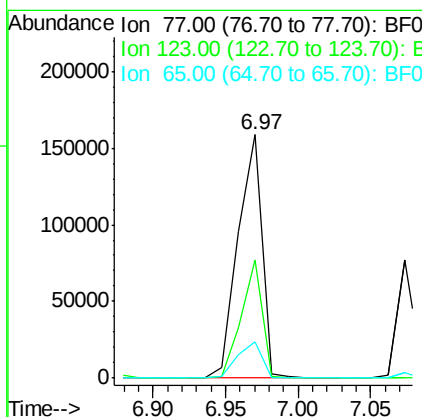
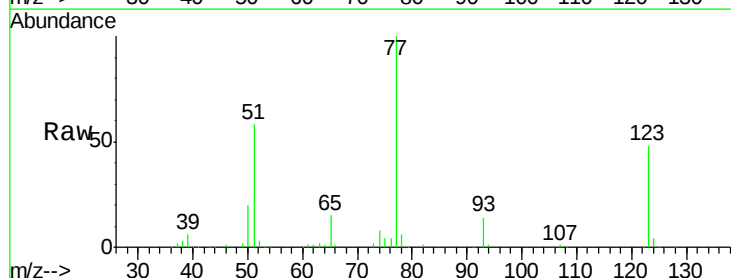
Manual Integrations
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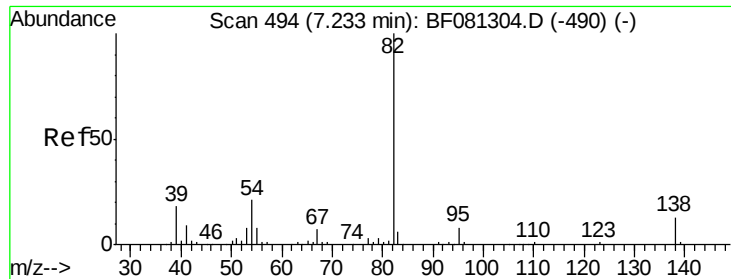
MMDadoda
 9/4/2015 2:51:12 PM



#24
 Nitrobenzene
 Concen: 38.63 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	77	Resp	182088
Ion Ratio	Lower	Upper	
77	100		
123	48.4	59.8	89.8#
65	15.0	10.2	15.4





#25

Isophorone

Concen: 35.00 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

ClientSampleId :

PB85343BS

Tot Ion: 82 Resp: 295486
Ion Ratio Lower Upper

82 100

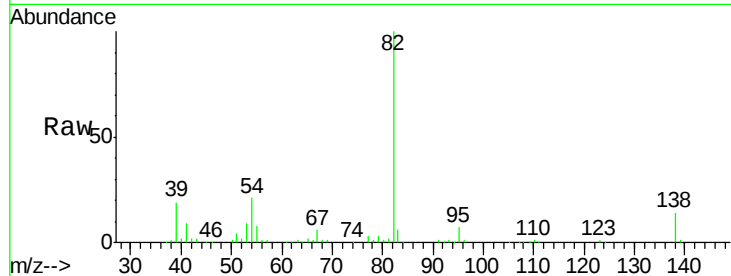
95 7.0 4.0 6.0#

138 13.6 18.3 27.5#

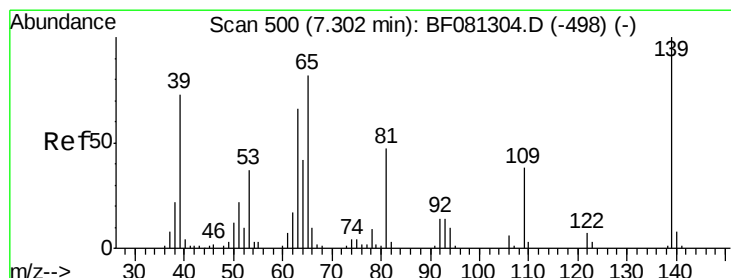
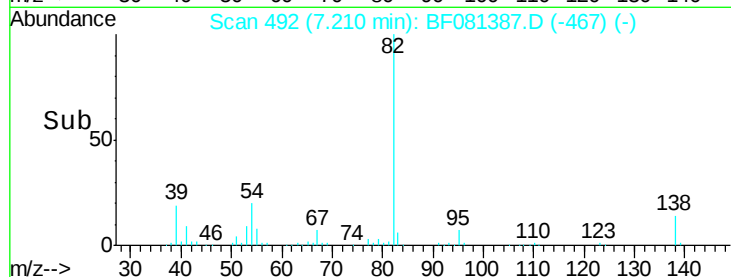
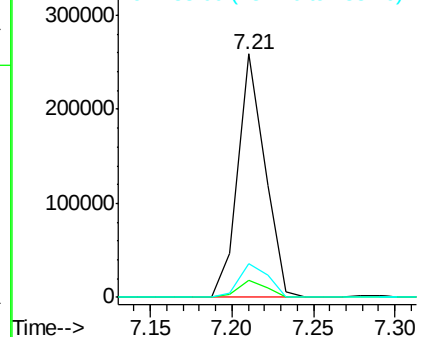
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.31 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081387.D

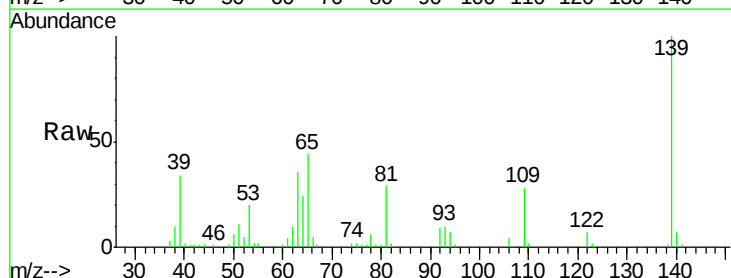
Acq: 3 Sep 2015 20:47

Tgt Ion: 139 Resp: 76645
Ion Ratio Lower Upper

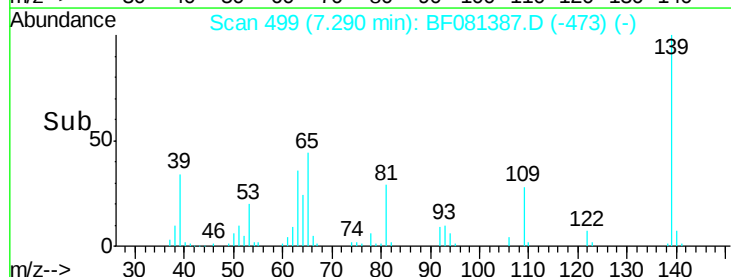
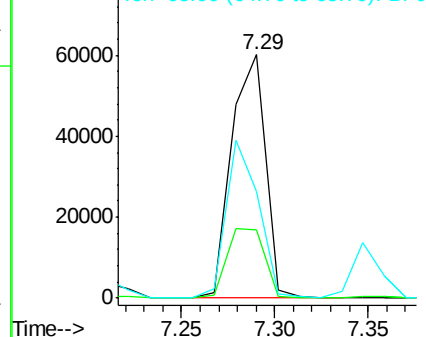
139 100

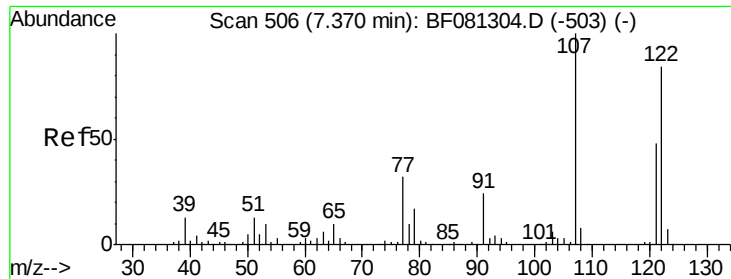
109 28.2 11.0 16.4#

65 43.7 24.7 37.1#



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





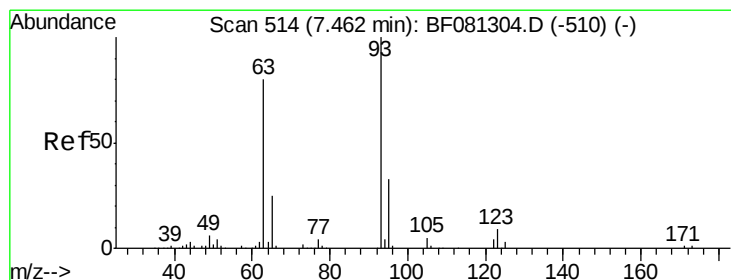
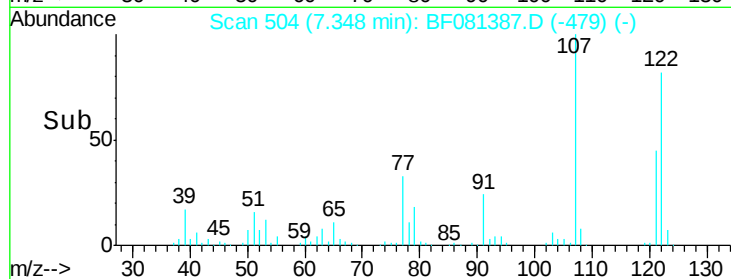
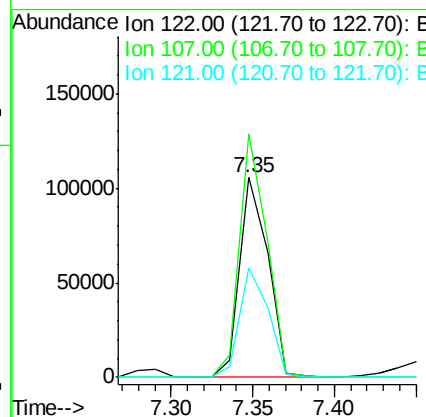
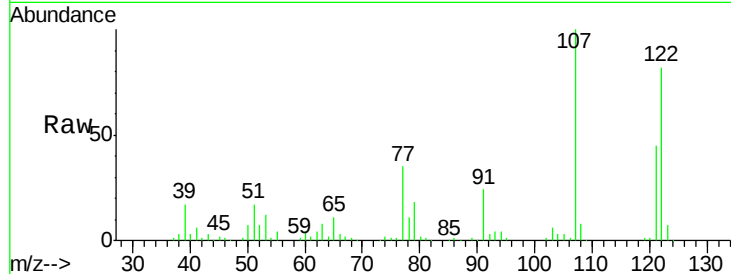
#27
 2,4-Dimethylphenol
 Concen: 35.72 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	126739		
107	121.7	71.8	107.6#	
121	54.8	42.3	63.5	

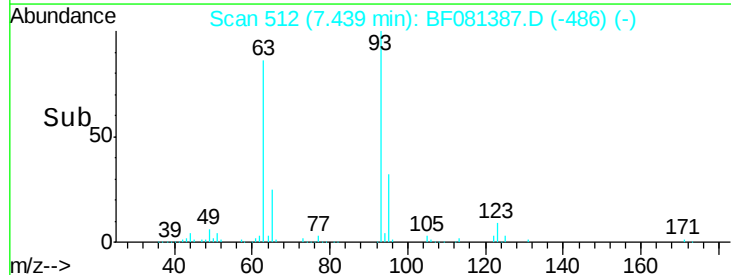
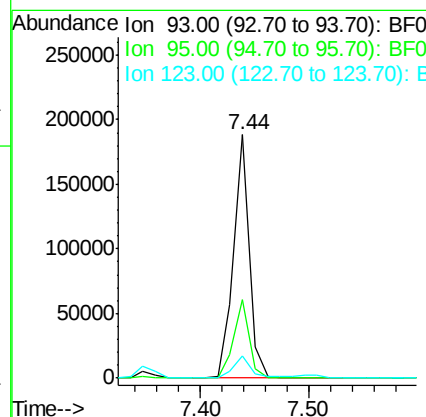
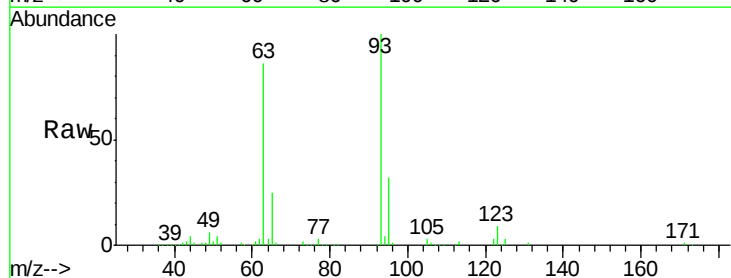
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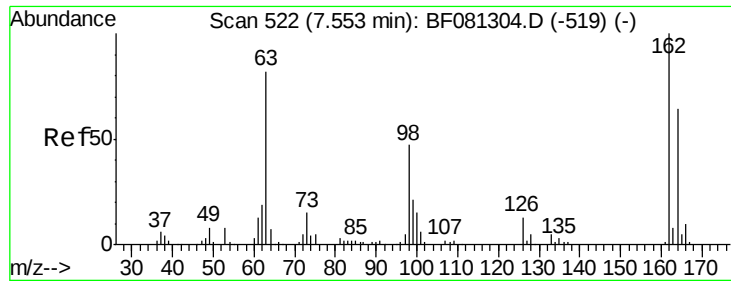
MMDadoda
 9/4/2015 2:51:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.38 ng
 RT: 7.44 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	187195		
95	32.2	27.5	41.3	
123	9.2	13.7	20.5#	





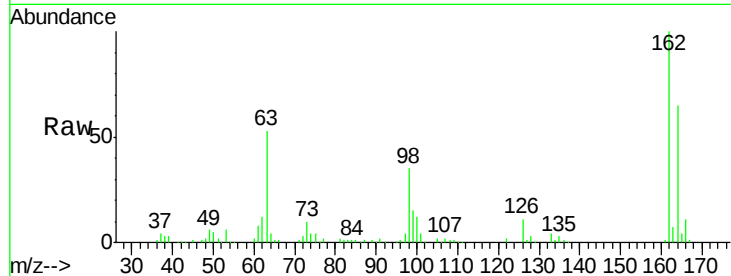
#29
 2,4-Dichlorophenol
 Concen: 37.51 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

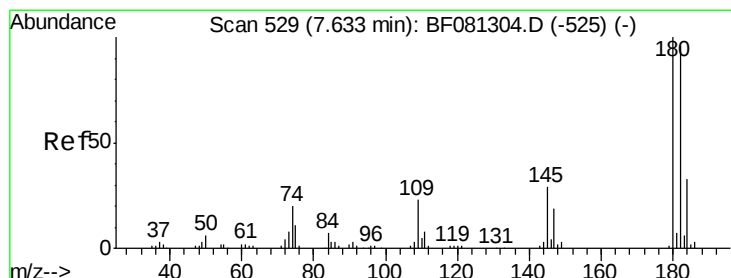
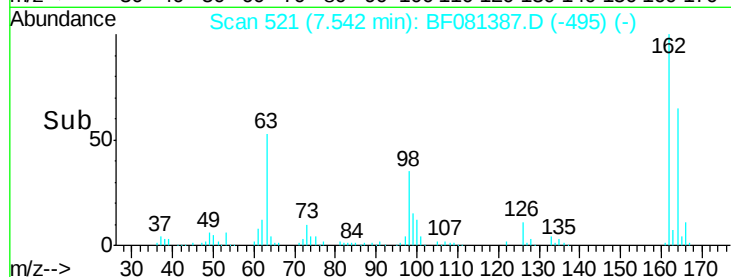
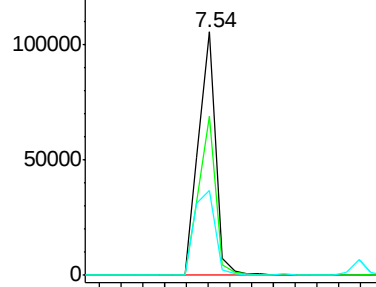
Tot Ion:	162	Resp:	115436
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.9	84.9
98	34.6	13.0	53.0

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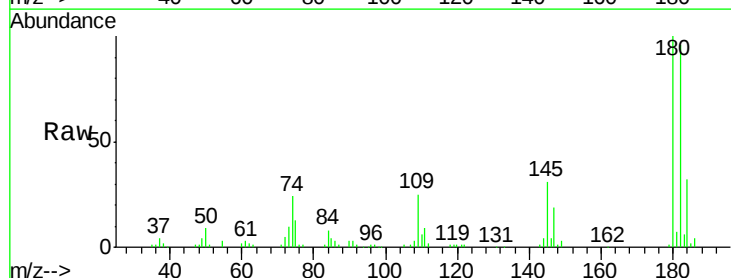


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

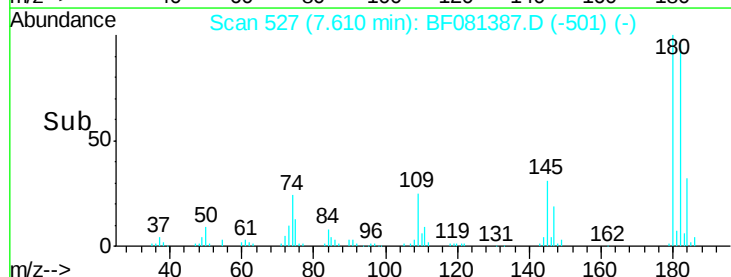
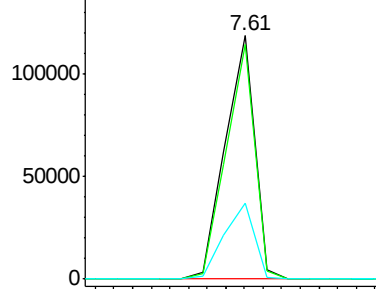


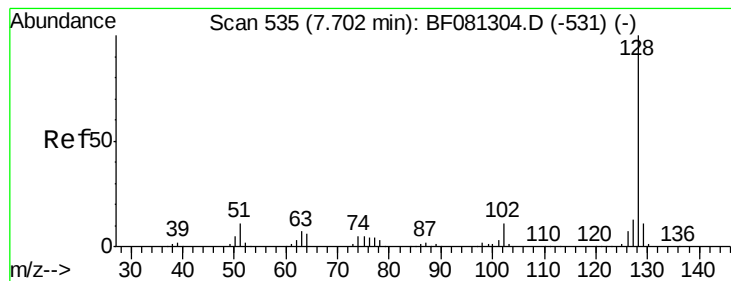
#30
 1,2,4-Trichlorobenzene
 Concen: 38.74 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion:	180	Resp:	129495
Ion Ratio	Lower	Upper	
180	100		
182	96.5	77.1	115.7
145	31.3	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.75 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

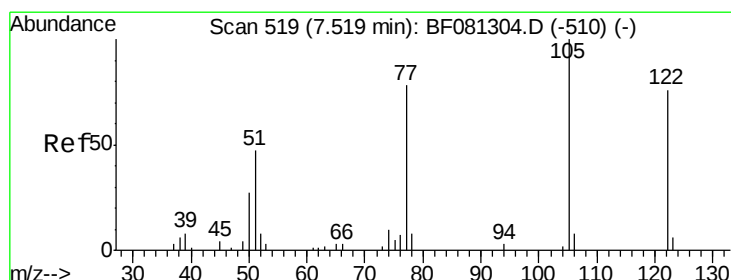
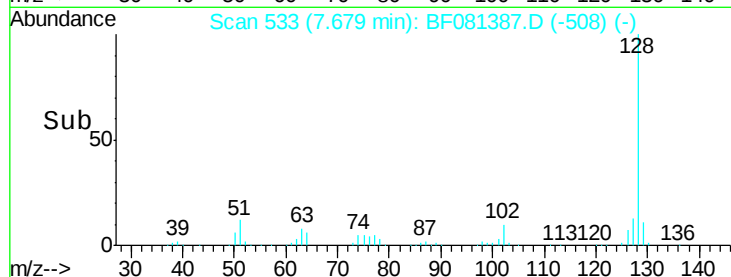
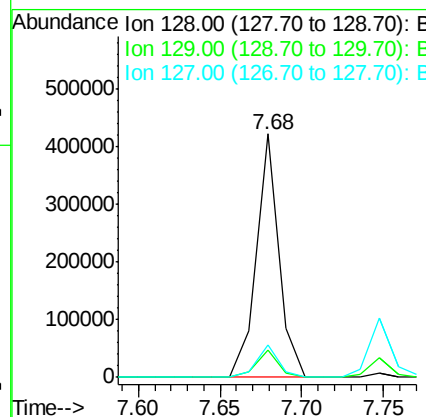
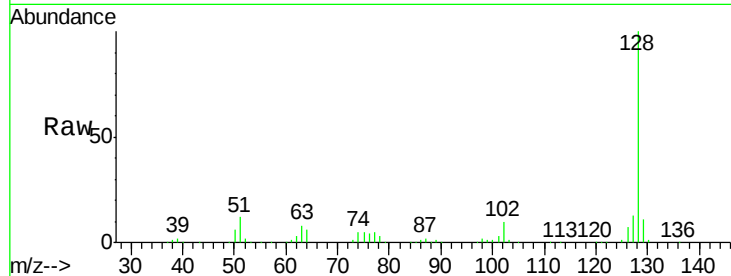
ClientSampleId :

PB85343BS

Tot Ion:	128	Resp:	405830
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.4	12.6
127	13.5	9.9	14.9

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#32

Benzoic acid

Concen: 30.39 ng

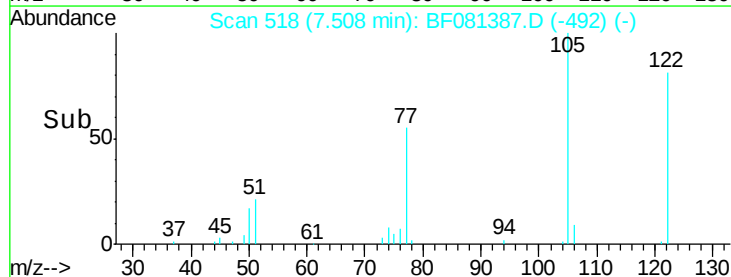
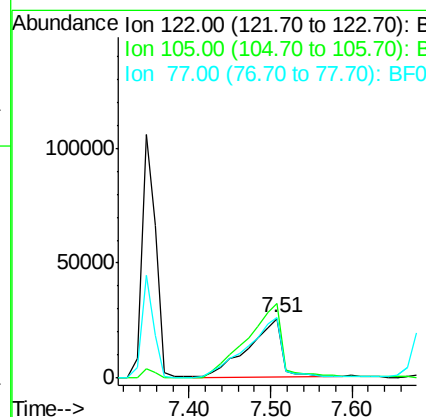
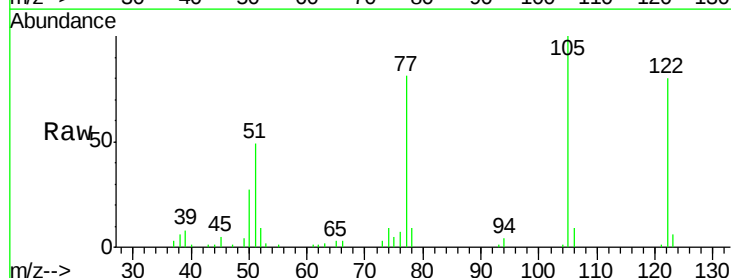
RT: 7.51 min Scan# 518

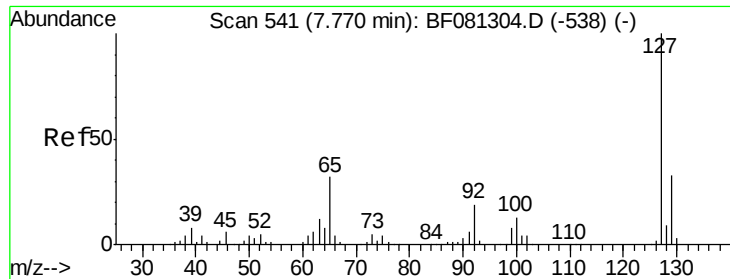
Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion:	122	Resp:	74505
Ion Ratio	Lower	Upper	
122	100		
105	124.9	76.1	116.1#
77	101.8	40.5	80.5#





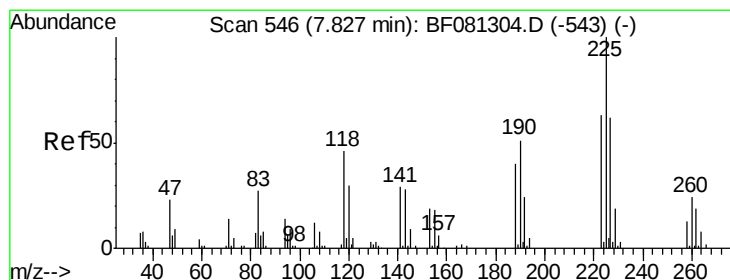
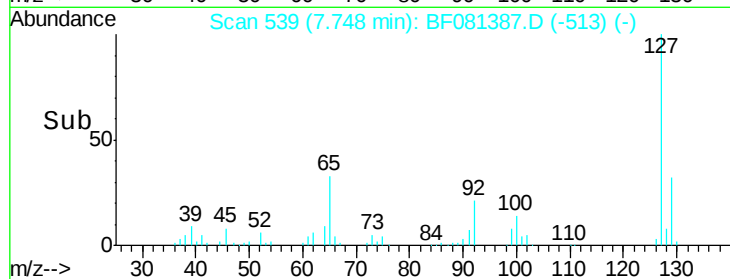
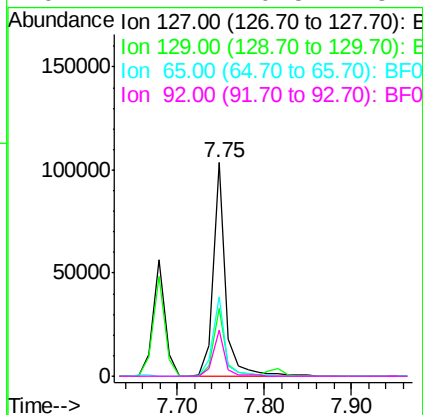
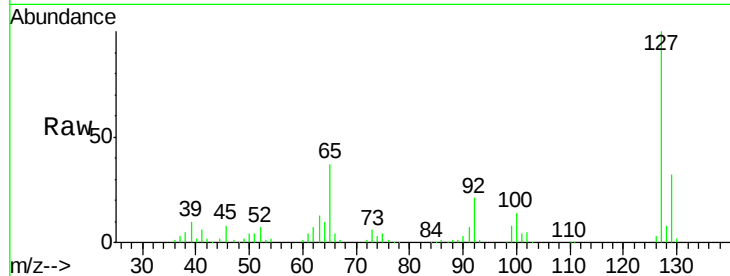
#33
4-Chloroaniline
Concen: 21.72 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.8	38.6		
65	37.5	17.9	26.9		
92	21.4	10.5	15.7		

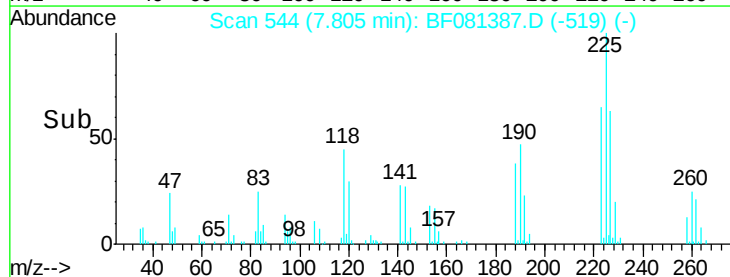
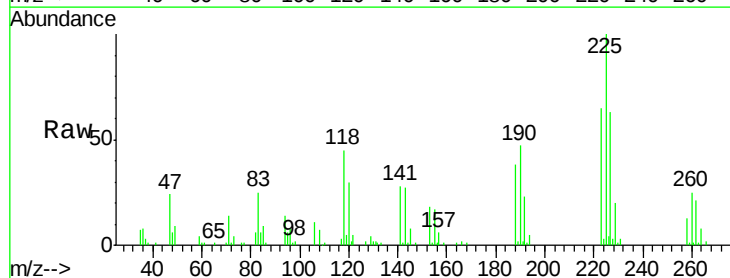
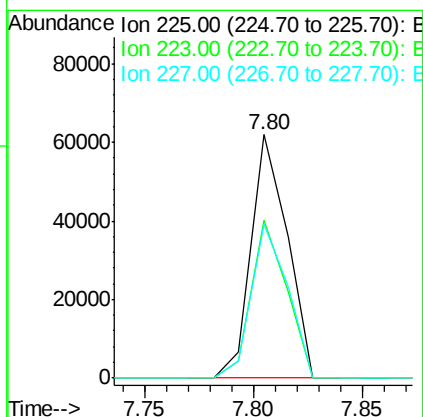
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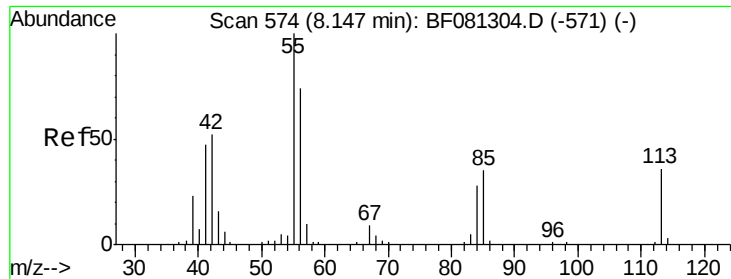
MMDadoda
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#34
Hexachlorobutadiene
Concen: 35.22 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	50.2	75.2		
227	63.5	52.2	78.2		





#35

Caprolactam

Concen: 47.90 ng/mL

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

ClientSampleID :

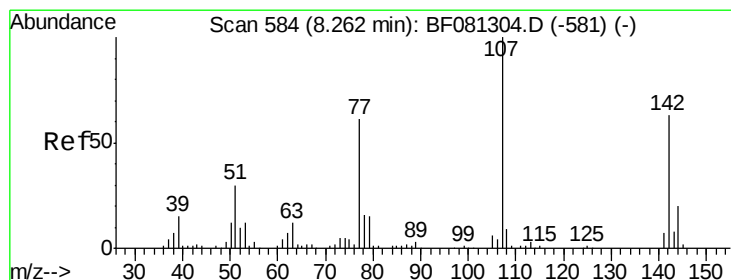
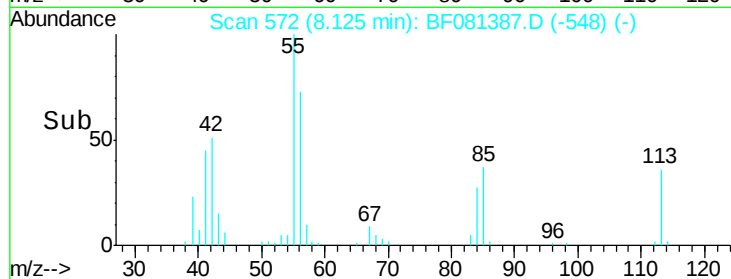
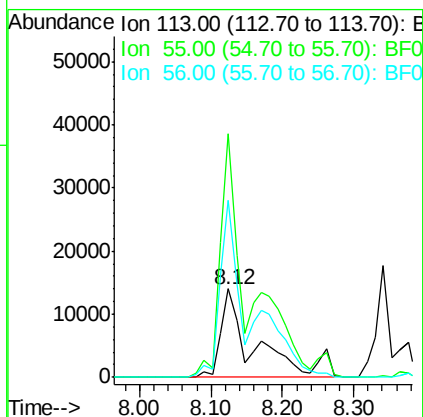
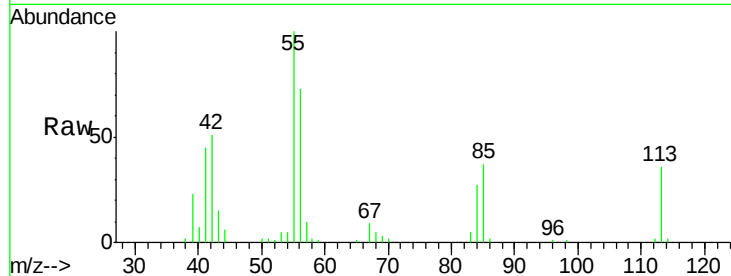
PB85343BS

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Tot Ion	Ratio	Lower	Upper
113	100		
55	275.8	152.4	192.4#
56	201.2	104.6	144.6#



#36

4-Chloro-3-methylphenol

Concen: 45.61 ng/mL

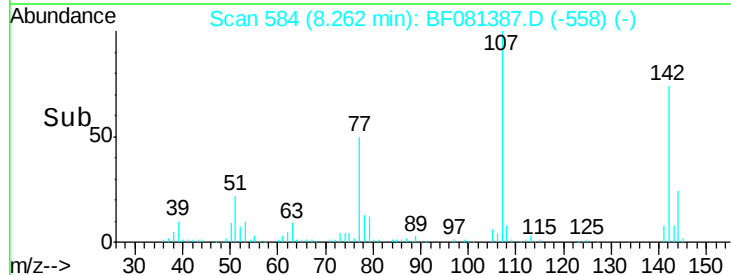
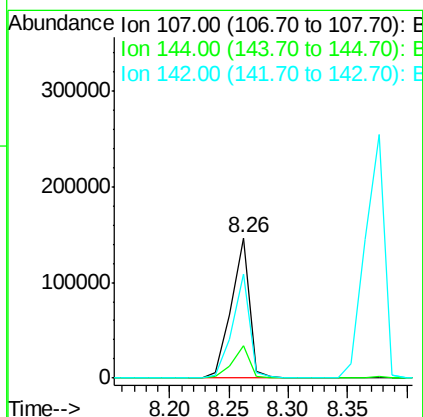
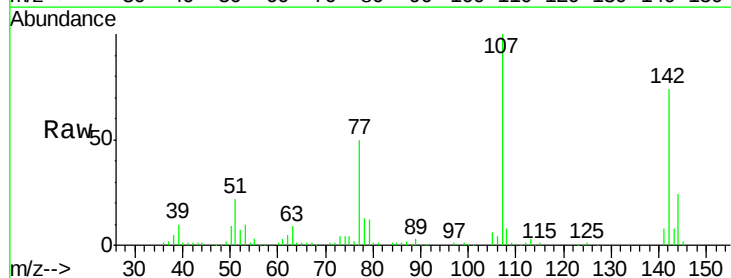
RT: 8.26 min Scan# 584

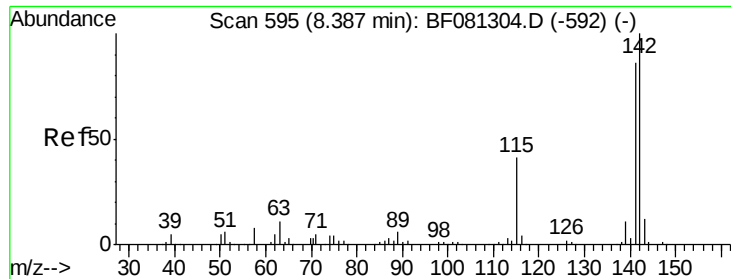
Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	25.4	38.0#
142	73.8	77.3	115.9#





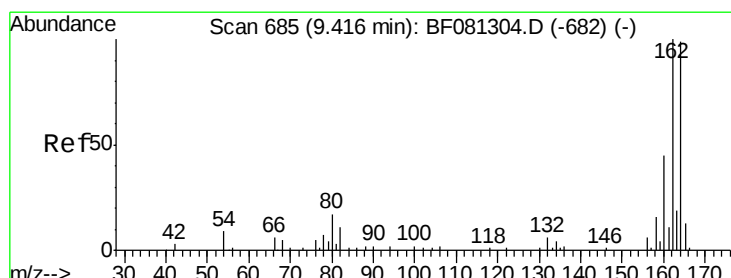
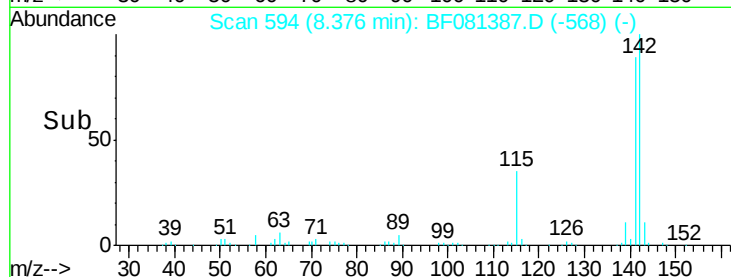
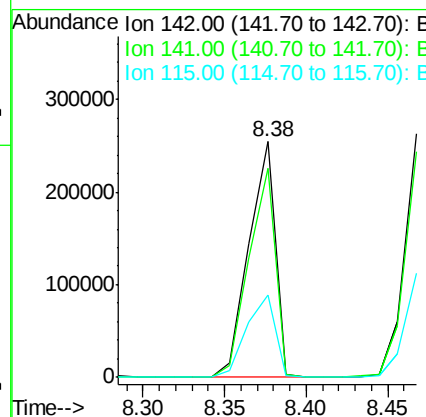
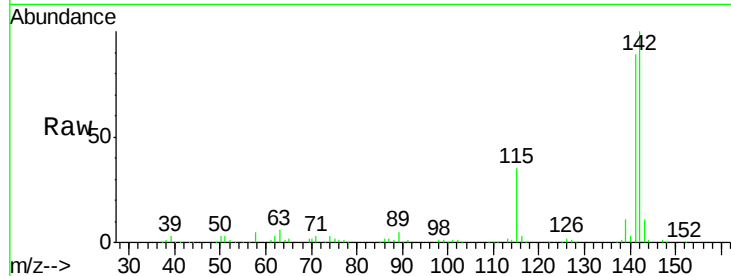
#37
2-Methylnaphthalene
Concen: 37.88 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	287911		
141	88.7	67.5	101.3	
115	35.2	18.2	27.2	

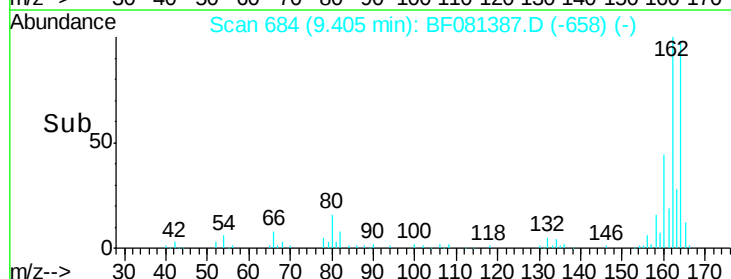
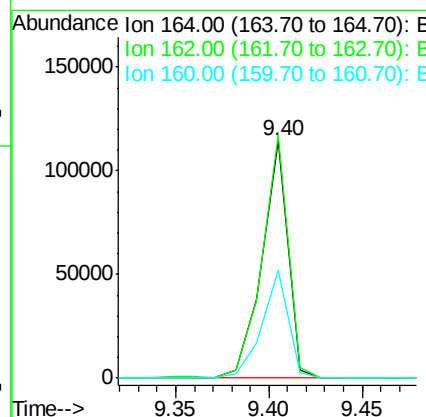
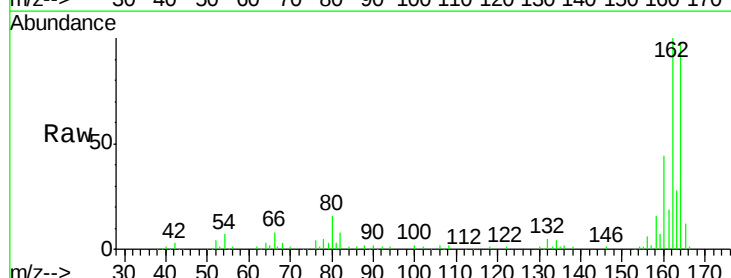
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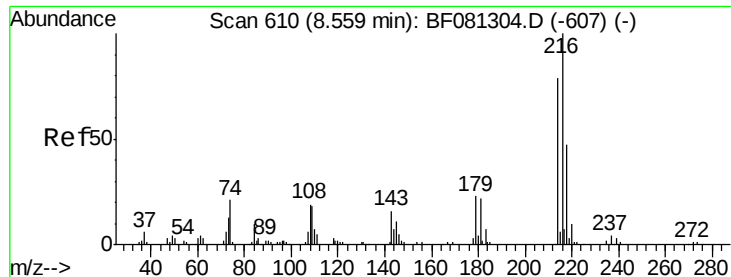
MMDadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109955		
162	102.6	75.2	112.8	
160	45.3	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.46 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

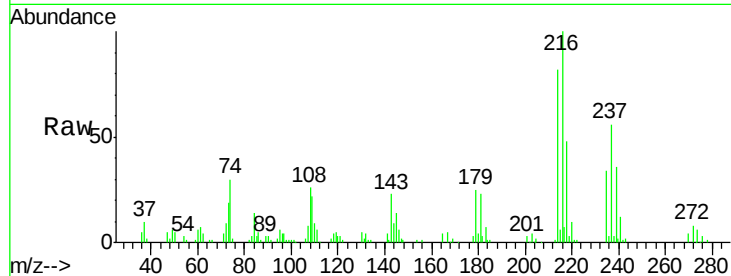
ClientSampleId :

PB85343BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9		63.5	95.3	
179	22.6		16.6	24.8	
108	24.4		16.3	24.5	

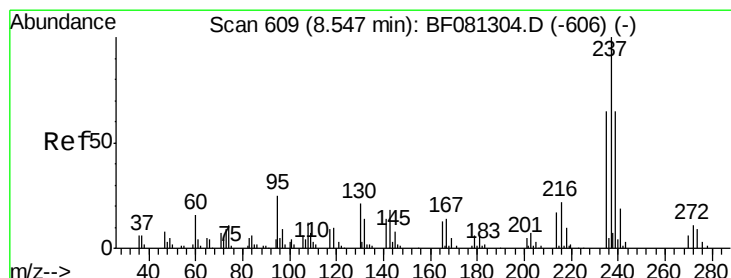
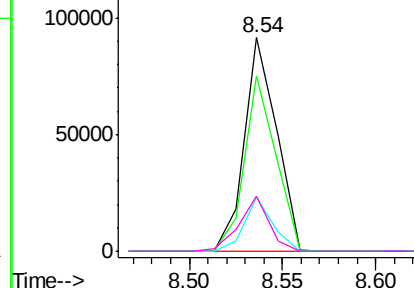
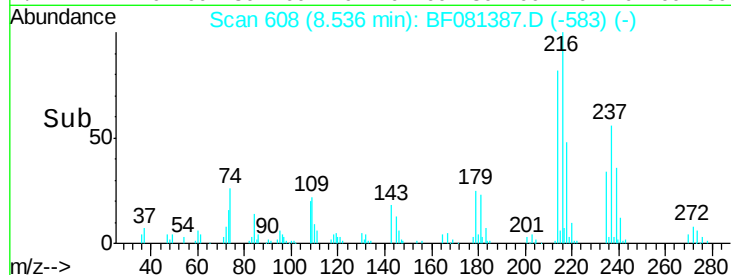


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.63 ng

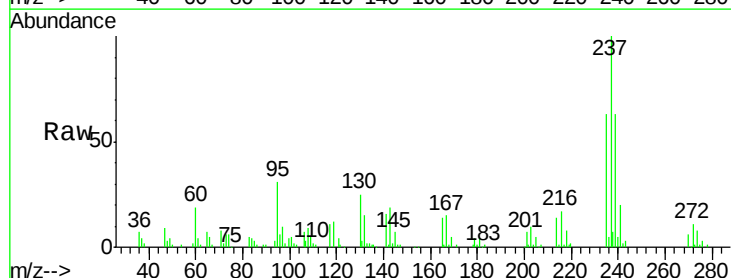
RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

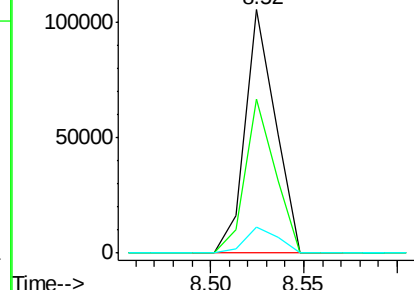
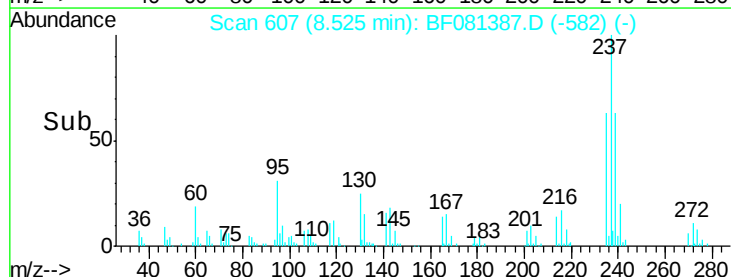
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.1		42.0	82.0	
272	10.8		0.0	36.1	

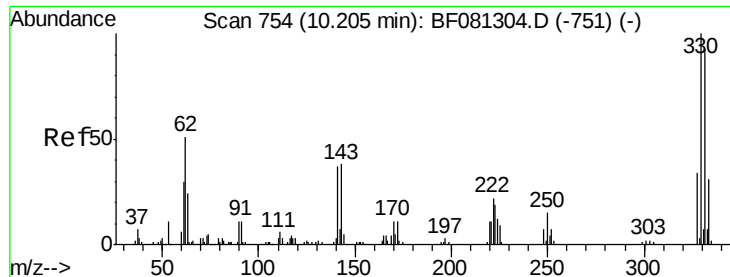


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





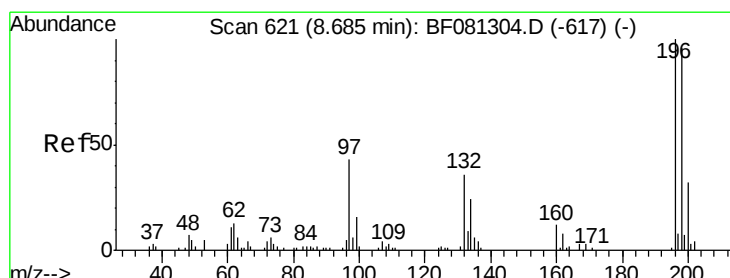
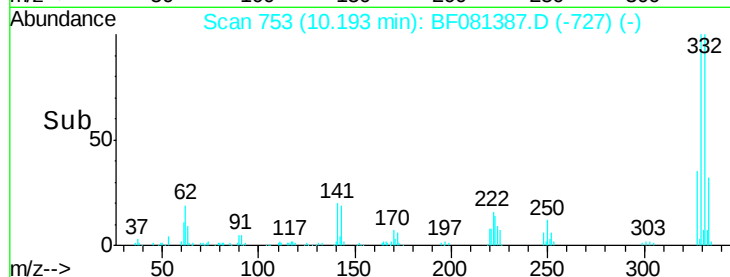
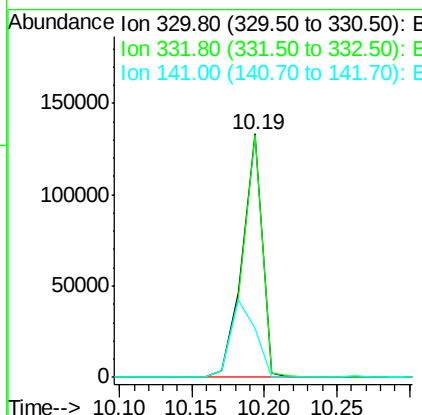
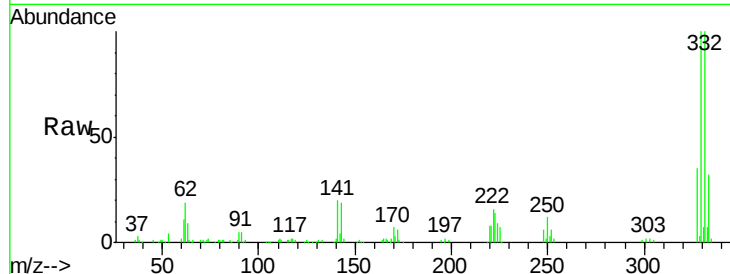
#41
 2,4,6-Tribromophenol
 Concen: 130.92 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.5	76.6	114.8	
141	40.2	29.7	44.5	

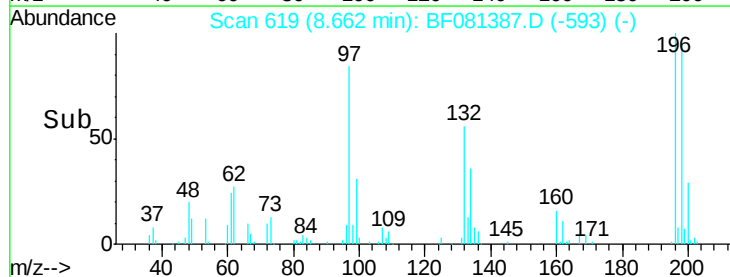
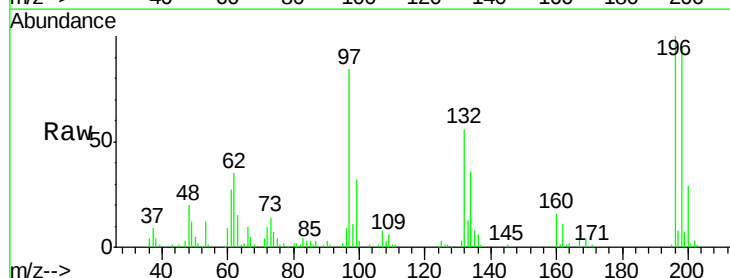
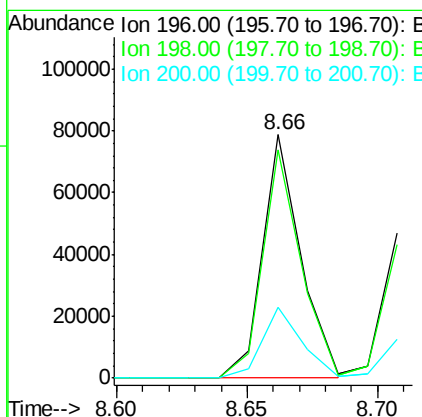
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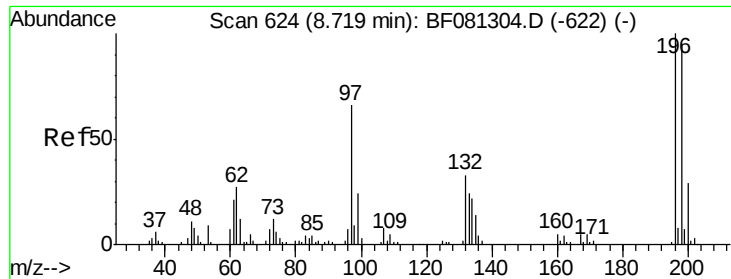
MMDadoda
 9/4/2015 2:51:12 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.51 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.8	75.7	113.5	
200	29.1	23.9	35.9	





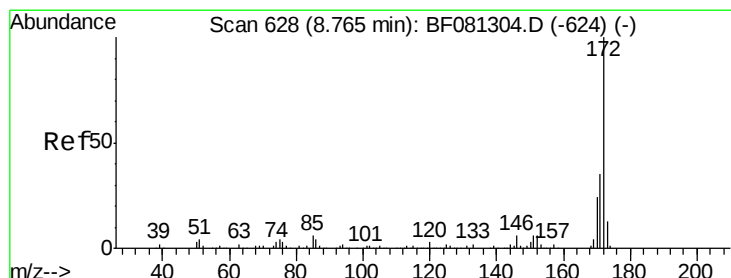
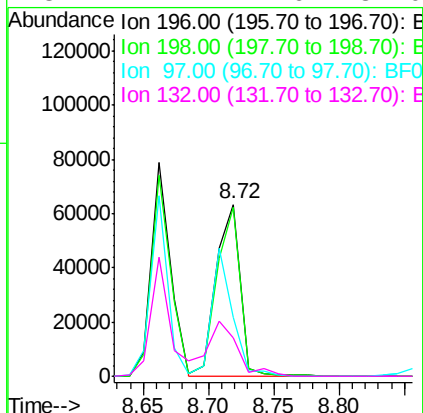
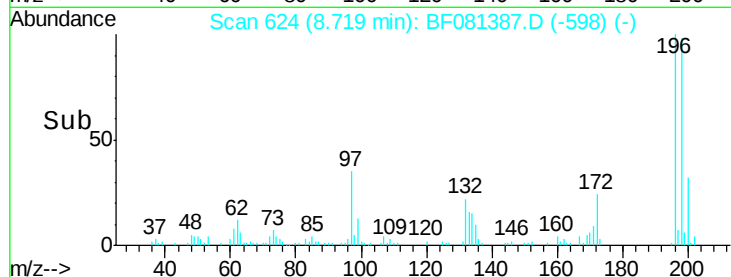
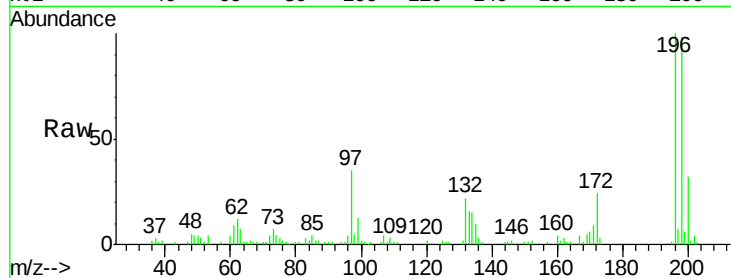
#43
 2,4,5-Trichlorophenol
 Concen: 33.47 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Manual Integrations
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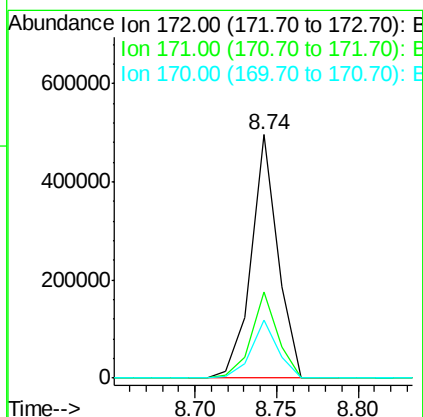
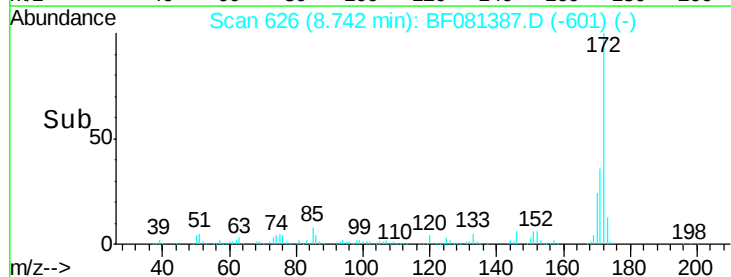
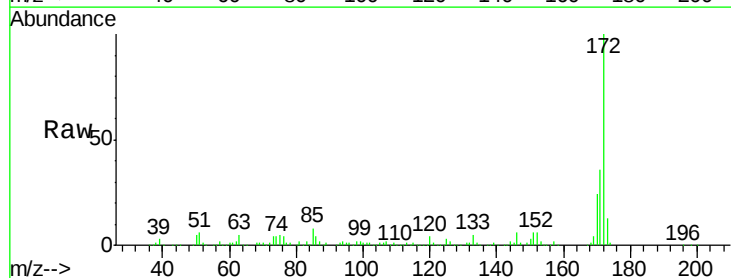
MMDadoda
 9/4/2015 2:51:12 PM

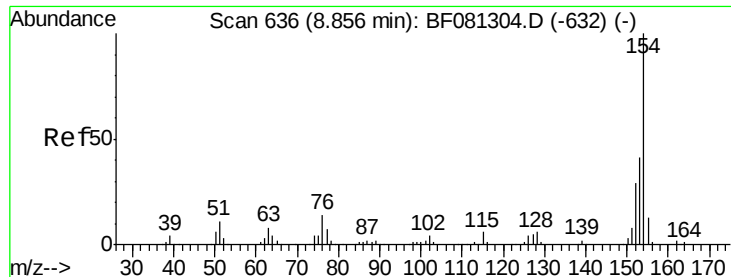
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		81957		
198	98.4	75.4	113.0		
97	34.5	33.3	49.9		
132	22.2	24.6	37.0		



#44
 2-Fluorobiphenyl
 Concen: 65.84 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		564915		
171	35.6	26.1	39.1		
170	24.0	17.4	26.2		





#45

1,1'-Biphenyl

Concen: 34.27 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

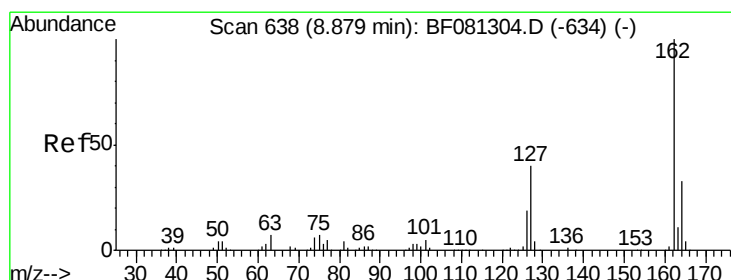
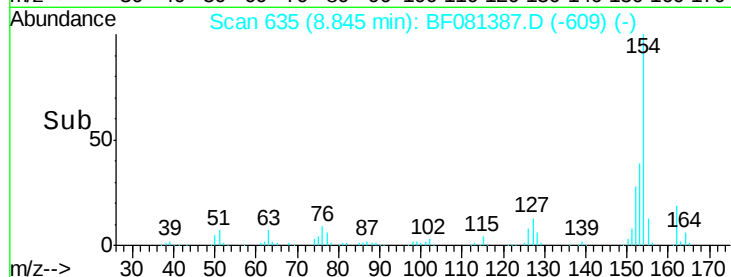
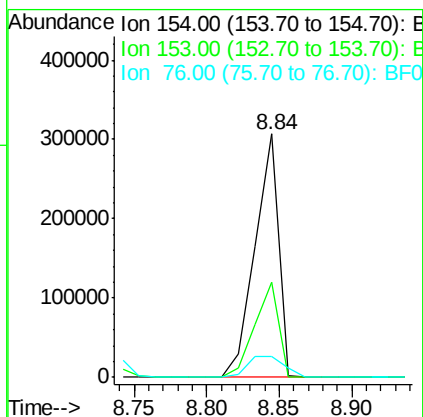
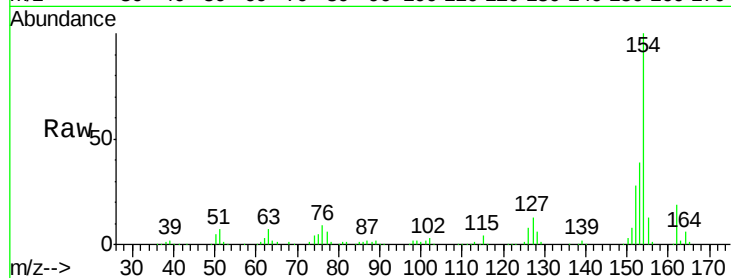
ClientSampleId :

PB85343BS

Tot Ion:	154	Resp:	346644
Ion Ratio	Lower	Upper	
154	100		
153	39.1	17.1	57.1
76	8.7	0.0	31.6

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#46

2-Chloronaphthalene

Concen: 34.33 ng

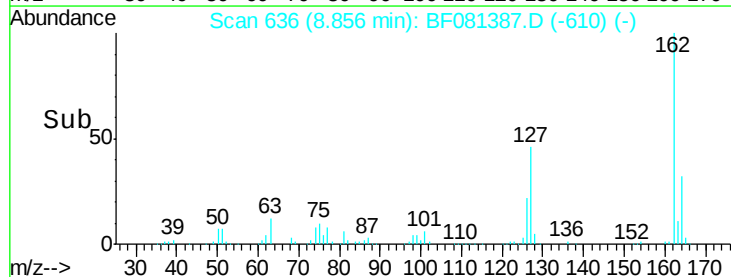
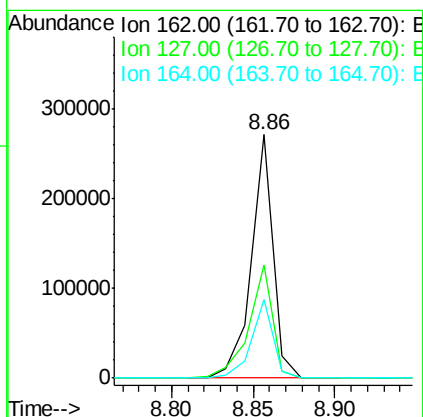
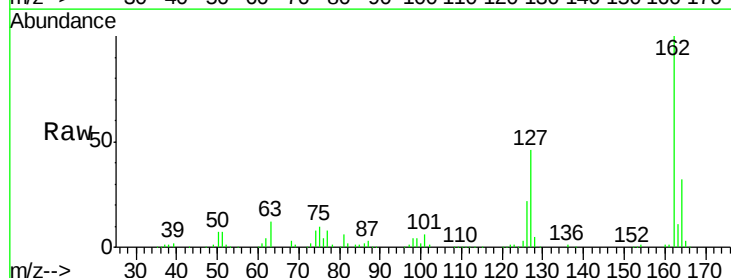
RT: 8.86 min Scan# 636

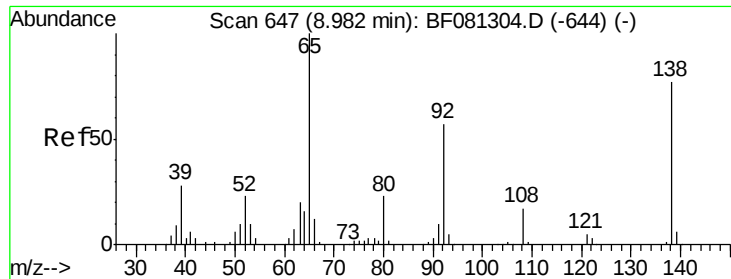
Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion:	162	Resp:	250808
Ion Ratio	Lower	Upper	
162	100		
127	46.3	27.6	41.4#
164	32.1	25.4	38.2





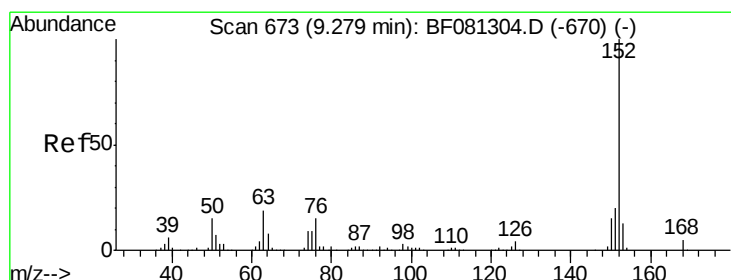
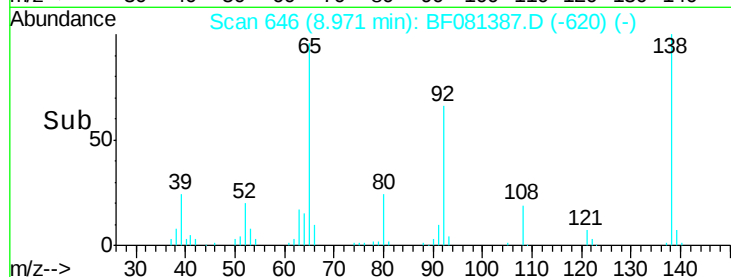
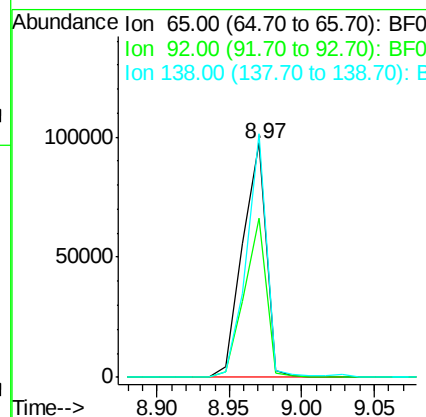
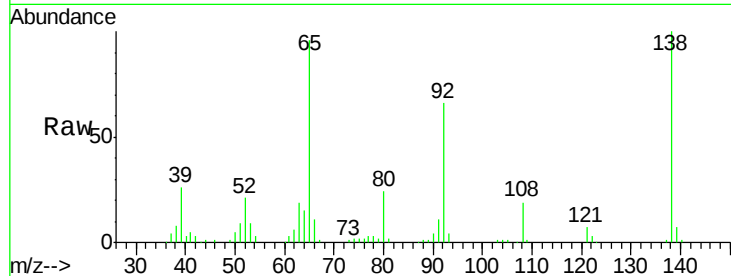
#47
2-Nitroaniline
Concen: 37.10 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.1	55.4	83.0
138	103.9	115.5	173.3

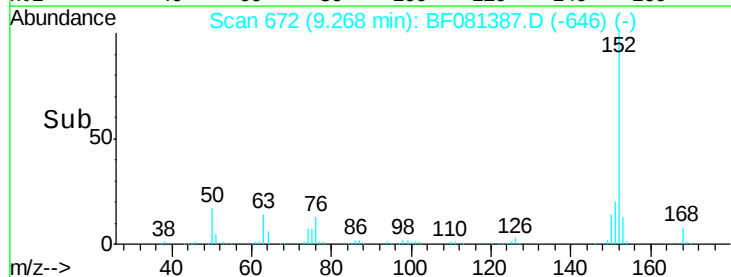
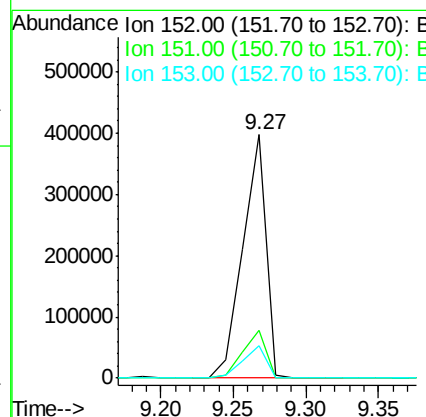
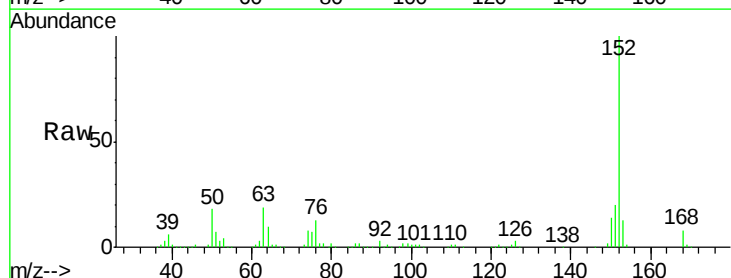
Manual Integrations
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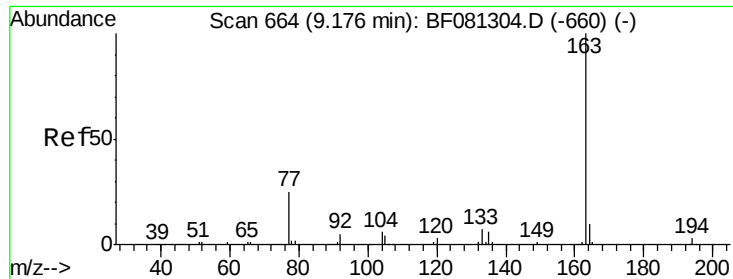
MMDadoda
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#48
Acenaphthylene
Concen: 34.14 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	14.6	22.0
153	13.2	10.3	15.5





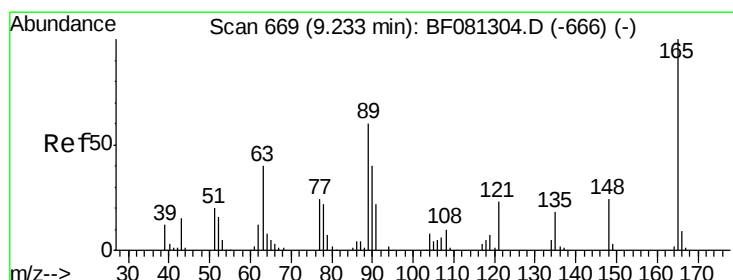
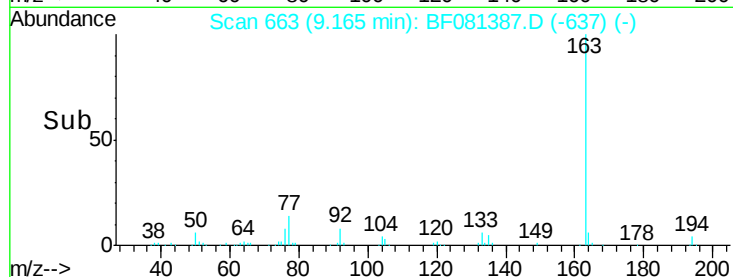
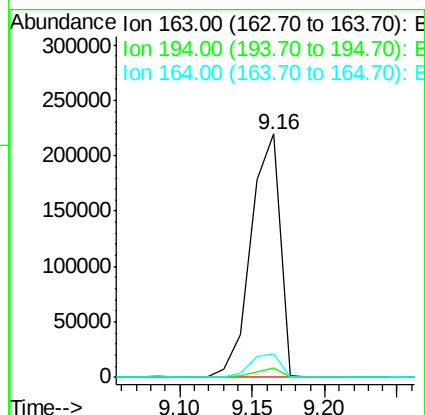
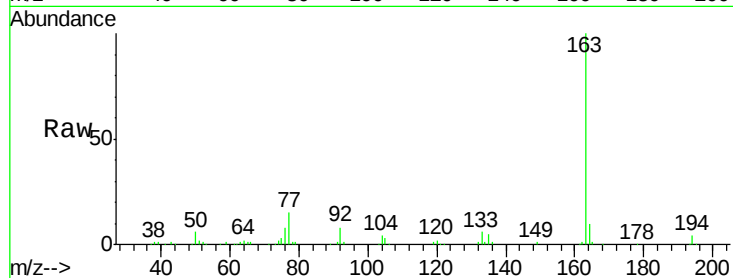
#49
Dimethylphthalate
Concen: 35.84 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	4.4	6.6#
164	9.8	8.3	12.5

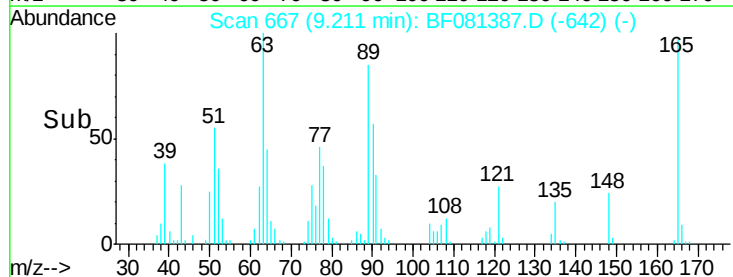
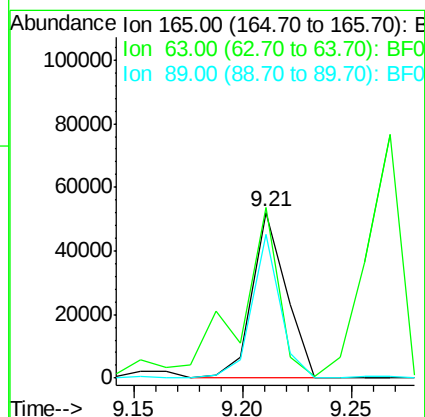
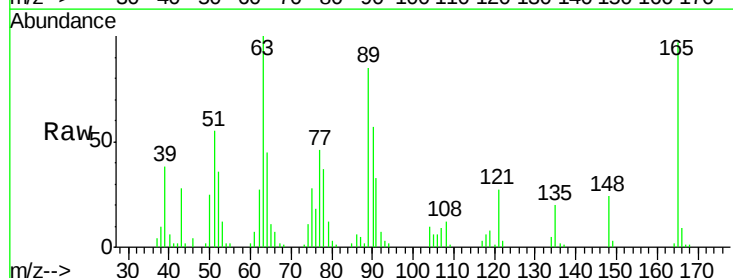
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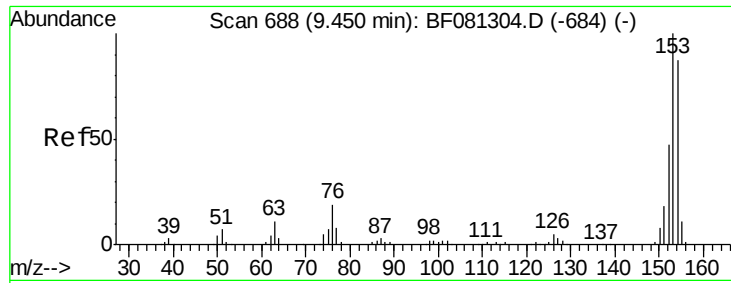
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#50
2,6-Dinitrotoluene
Concen: 29.13 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	102.8	32.3	48.5#
89	86.9	28.6	43.0#





#51

Acenaphthene

Concen: 36.22 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

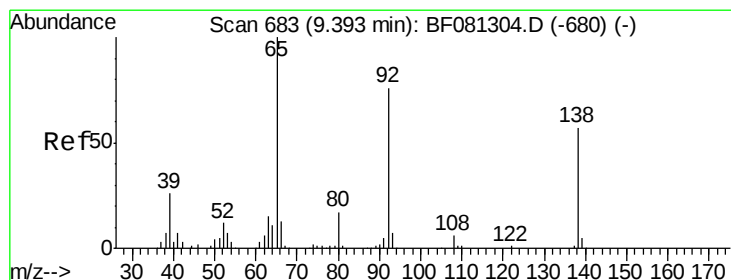
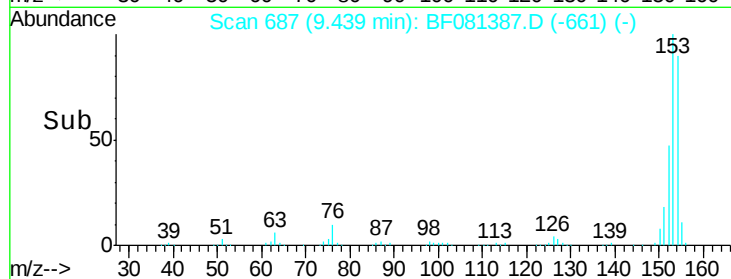
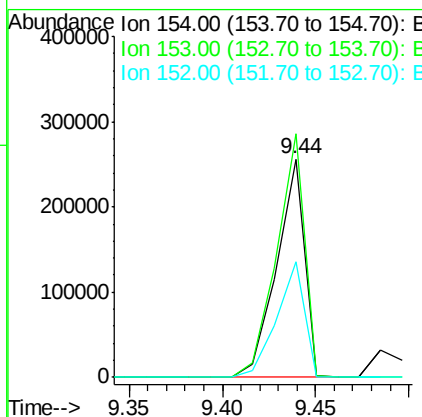
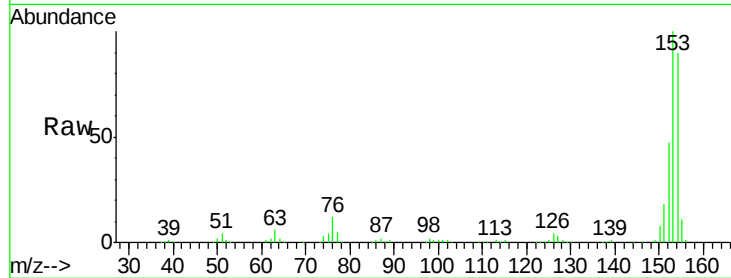
ClientSampleId :

PB85343BS

Tot Ion:	154	Resp:	267021
Ion Ratio	Lower	Upper	
154	100		
153	111.7	82.1	123.1
152	52.8	37.9	56.9

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#52

3-Nitroaniline

Concen: 24.15 ng

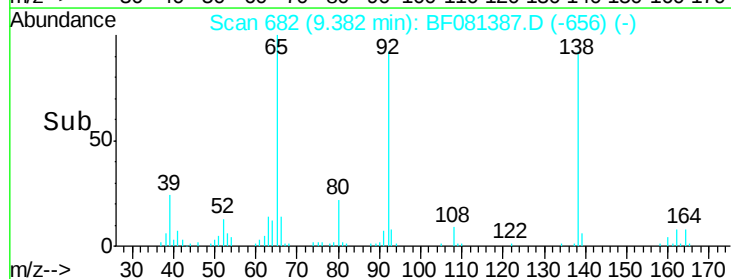
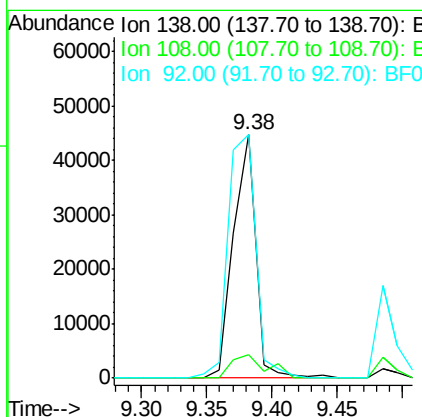
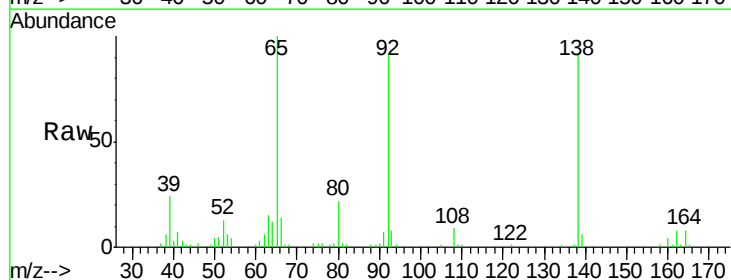
RT: 9.38 min Scan# 682

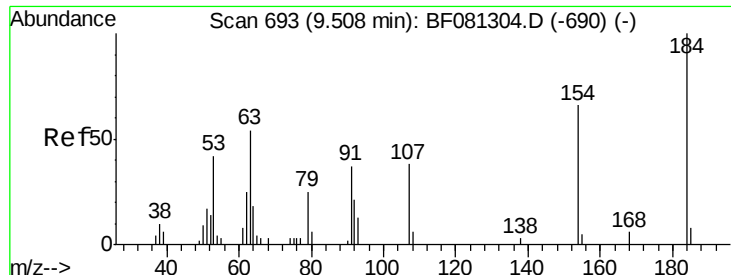
Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion:	138	Resp:	53318
Ion Ratio	Lower	Upper	
138	100		
108	9.8	5.7	8.5#
92	99.8	67.7	101.5





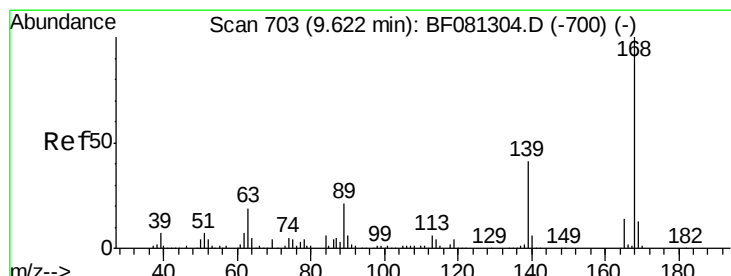
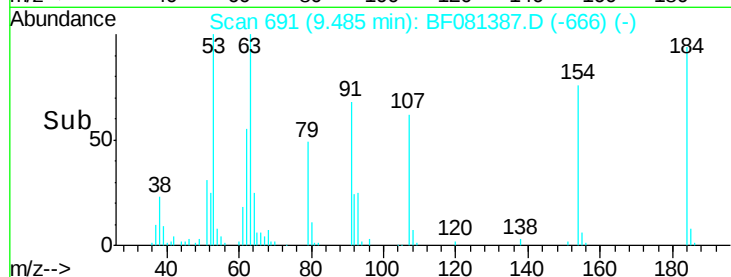
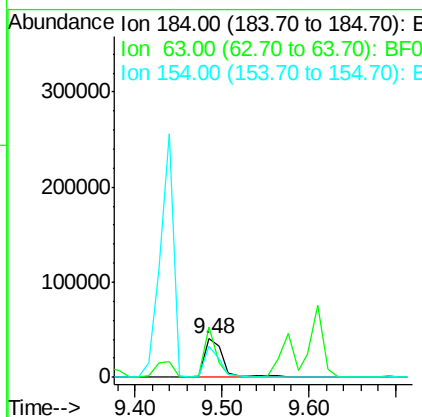
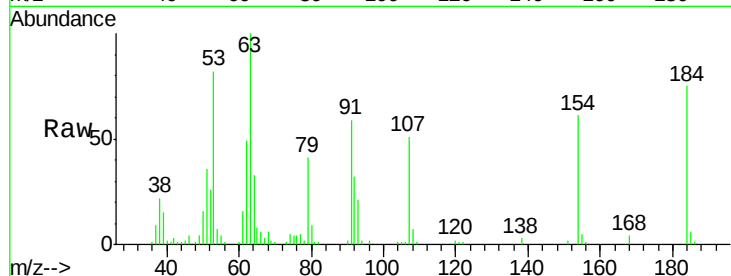
#53
 2,4-Dinitrophenol
 Concen: 73.07 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	59672		
63	132.8	35.4	53.2#	
154	80.5	32.2	48.4#	

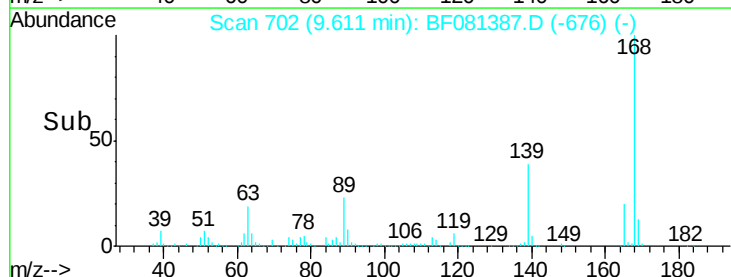
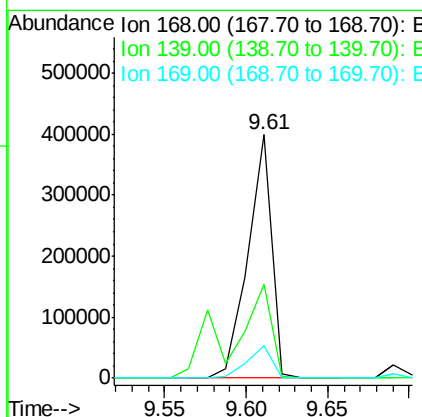
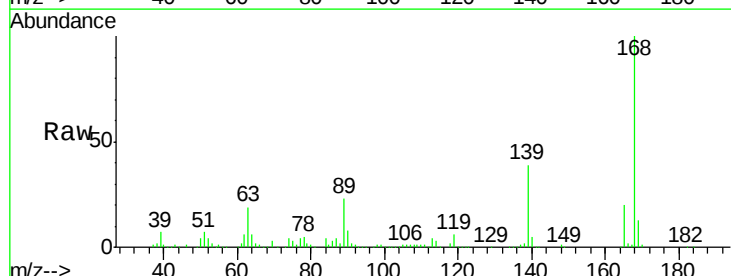
Manual Integrations
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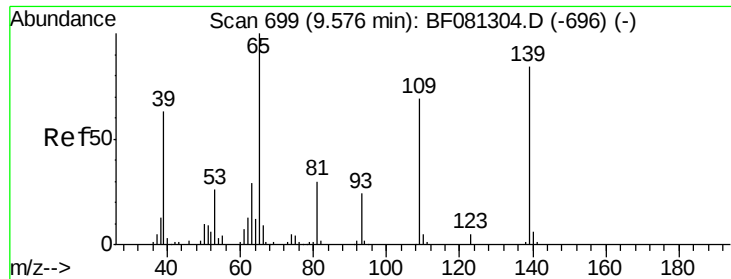
MMDadoda
 9/4/2015 2:51:12 PM



#54
 Dibenzofuran
 Concen: 37.39 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	402559		
139	38.6	24.2	36.2#	
169	13.4	10.6	15.8	





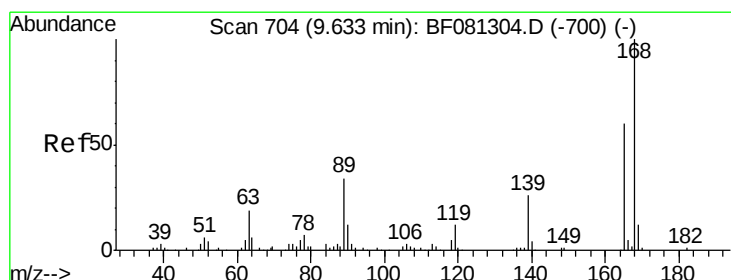
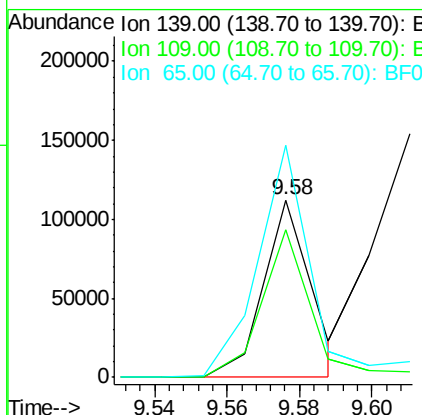
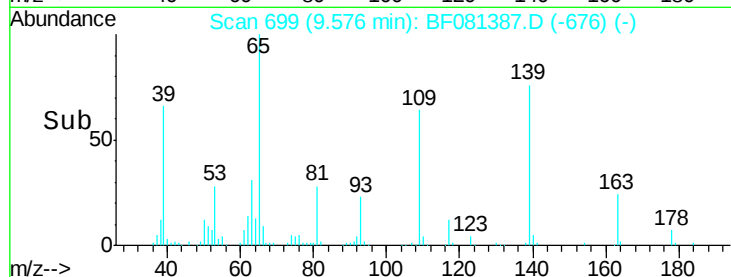
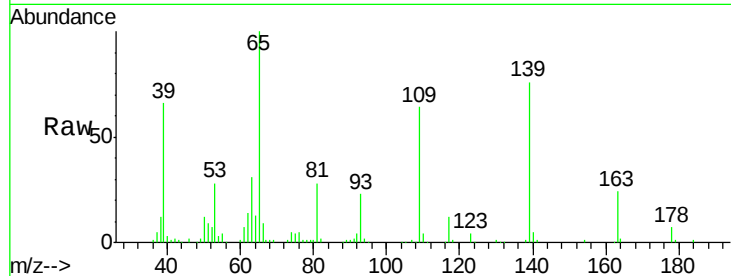
#55
4-Nitrophenol
Concen: 74.19 ng/ml
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.1	12.7	52.7#	
65	130.8	45.9	85.9#	

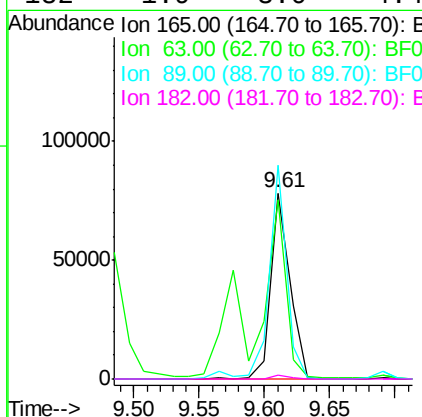
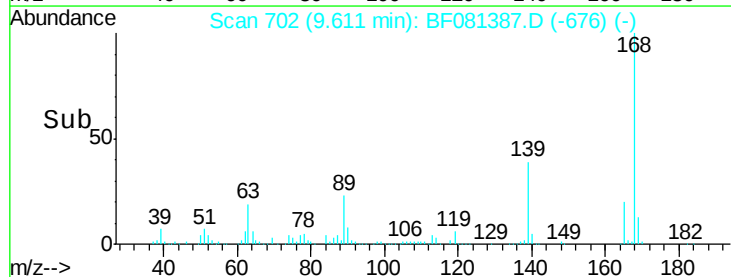
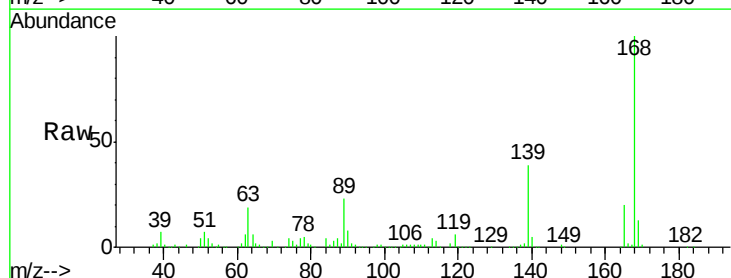
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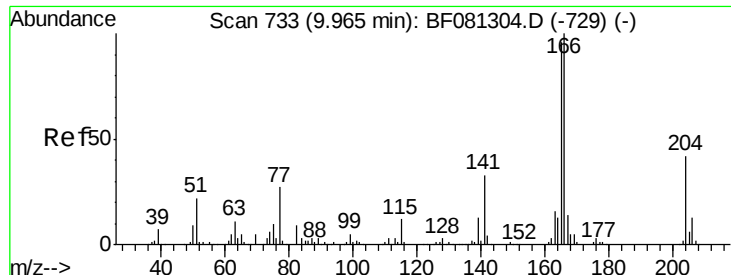
MMDadoda
9/4/2015 2:51:12 PM



#56
2,4-Dinitrotoluene
Concen: 32.87 ng/ml
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	96.2	29.8	44.6#	
89	115.0	44.5	66.7#	
182	1.9	3.0	4.4#	





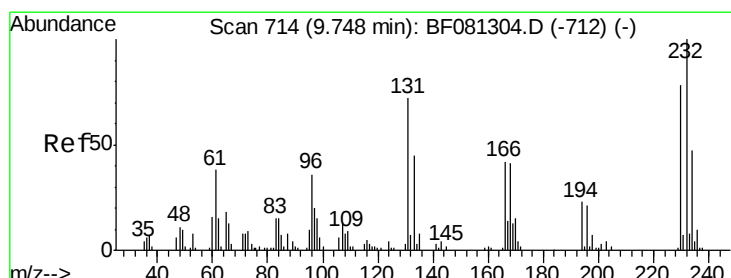
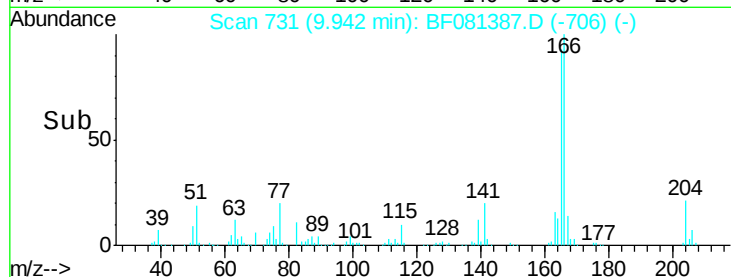
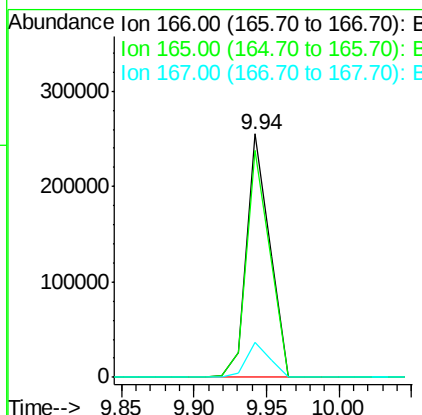
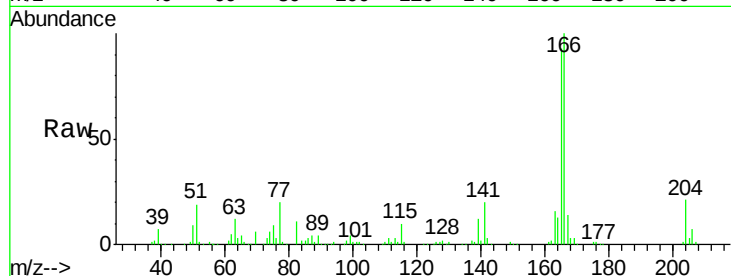
#57
Fluorene
 Concen: 34.57 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		282463		
165	93.2	72.6	109.0		
167	14.2	10.6	16.0		

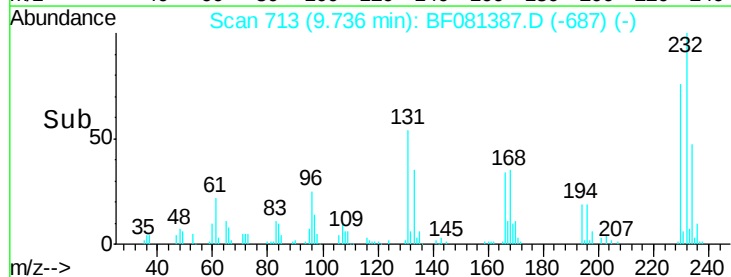
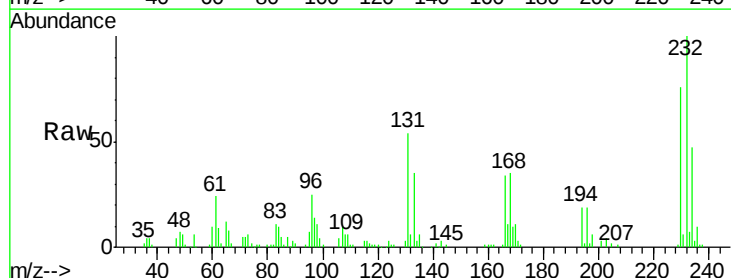
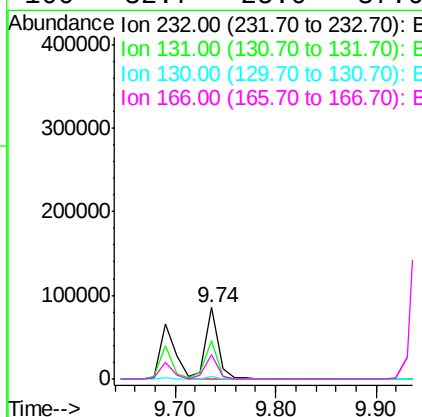
Manual Integrations
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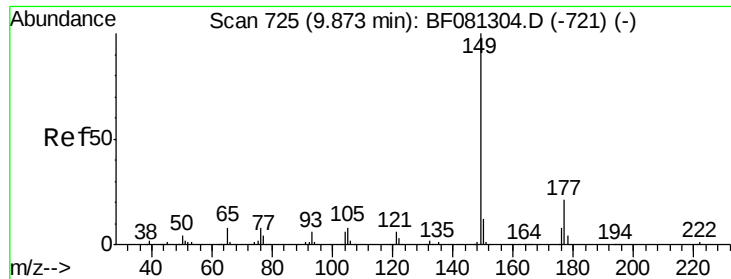
MMDadoda
 9/4/2015 2:51:12 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.55 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		75800		
131	52.9	38.5	57.7		
130	2.5	1.8	2.6		
166	32.7	25.0	37.6		





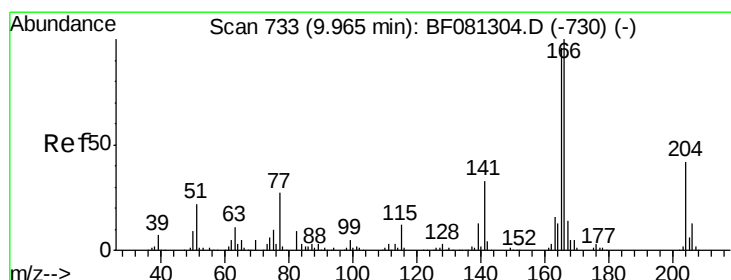
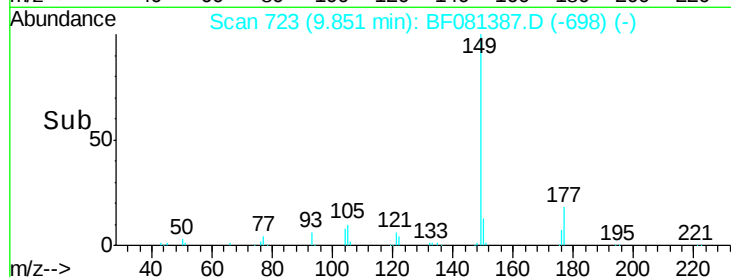
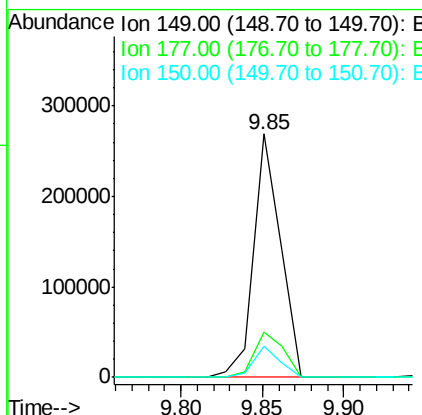
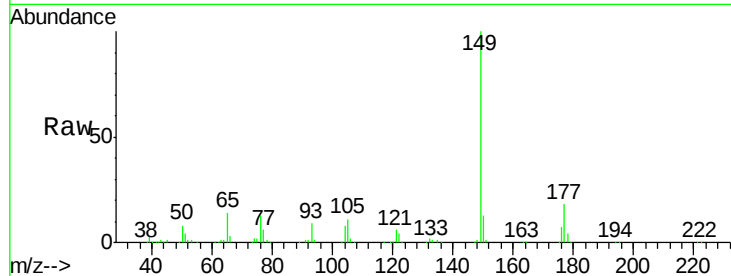
#59
Diethylphthalate
Concen: 34.15 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	306902		
177	18.3		17.5	26.3
150	12.8		9.4	14.2

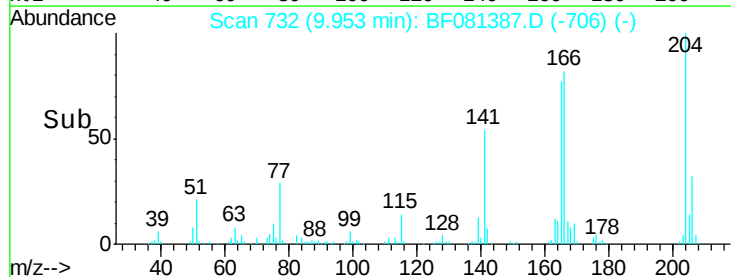
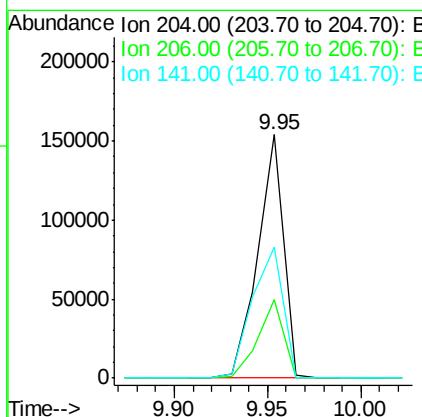
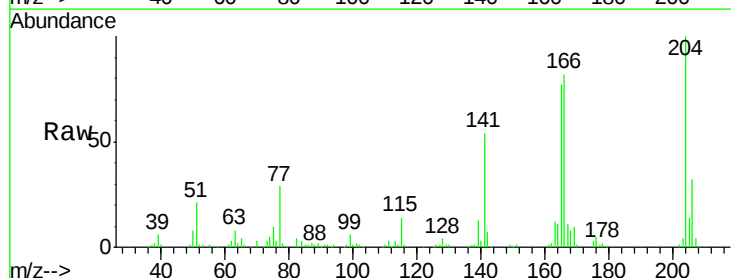
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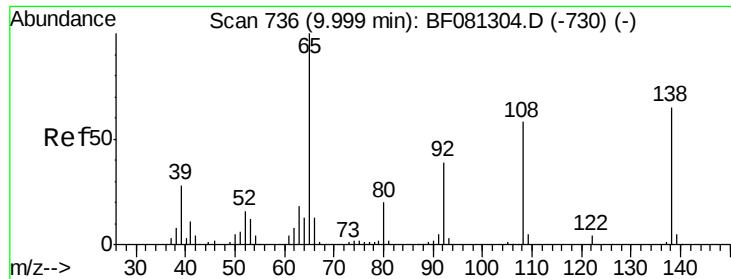
MMDadoda
9/4/2015 2:51:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.35 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	146036		
206	32.3		24.8	37.2
141	53.9		42.2	63.4





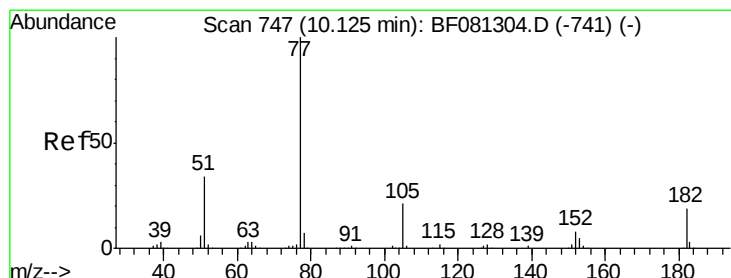
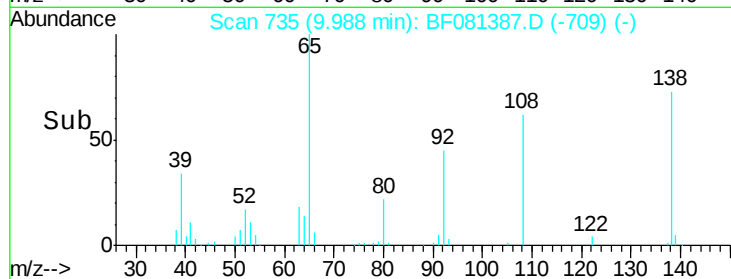
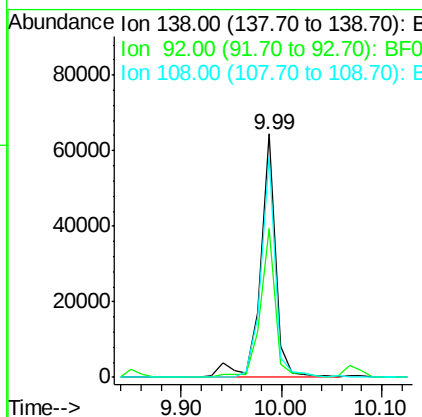
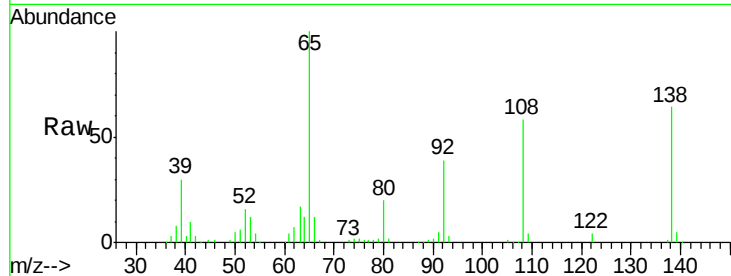
#61
4-Nitroaniline
Concen: 30.72 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.9	12.6	52.6#
108	90.8	12.4	52.4#

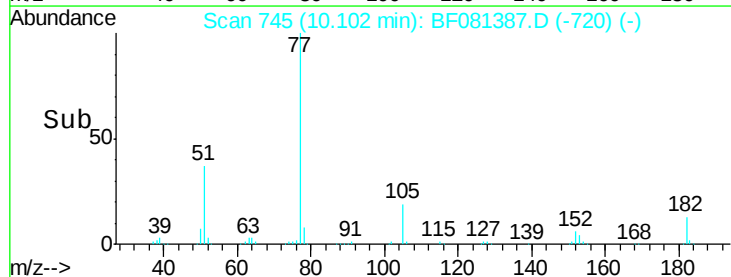
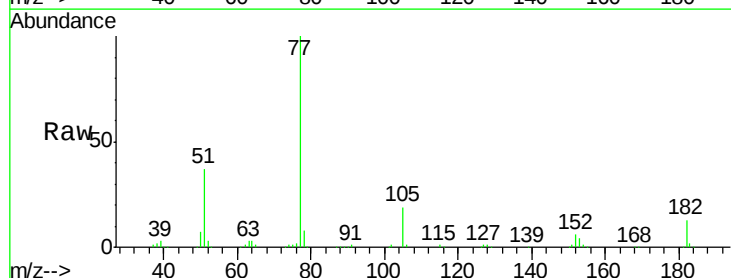
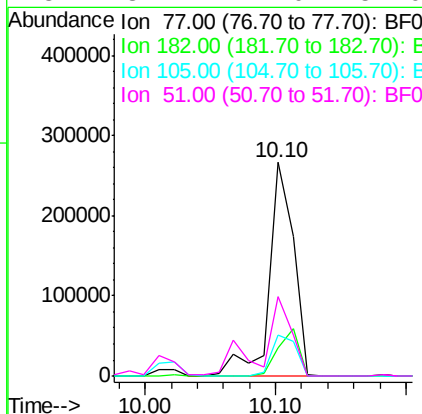
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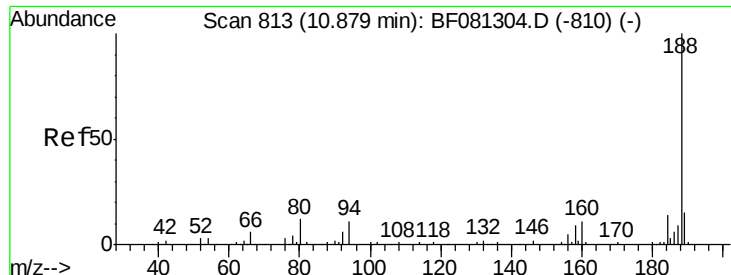
MMDadoda
9/4/2015 2:51:12 PM



#62
Azobenzene
Concen: 35.37 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	13.5	15.1	55.1#
105	19.1	3.4	43.4
51	37.1	12.0	52.0





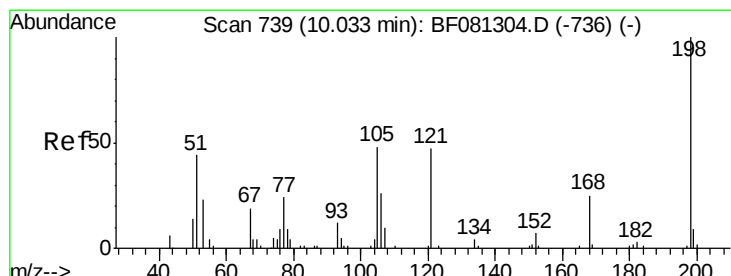
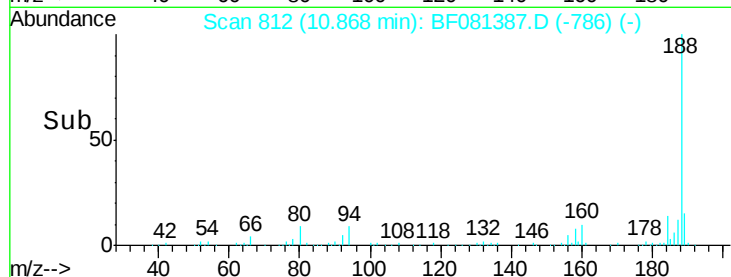
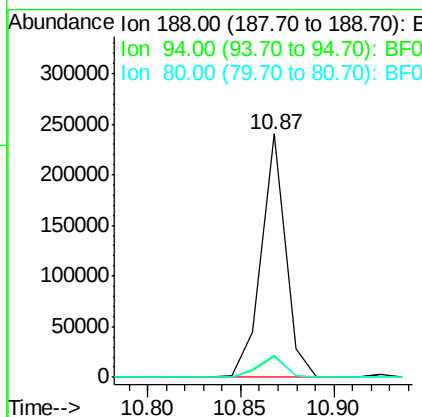
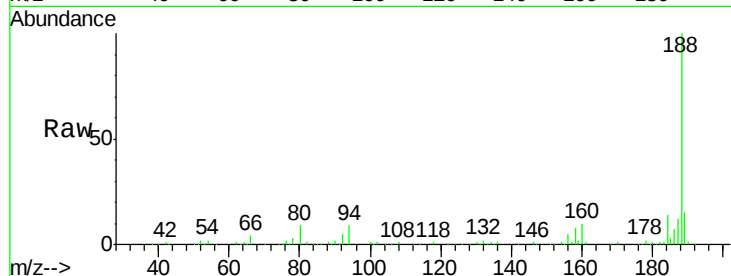
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	11.1	16.7#
80	9.0	11.0	16.4#

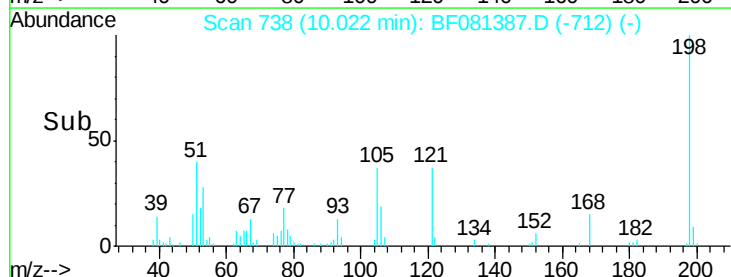
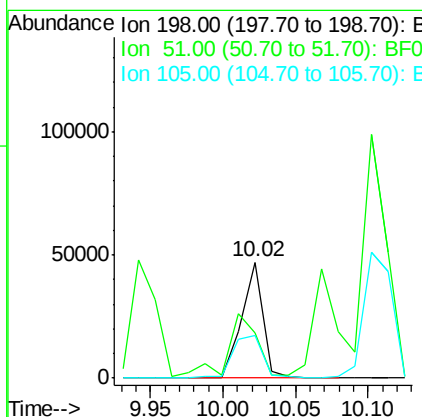
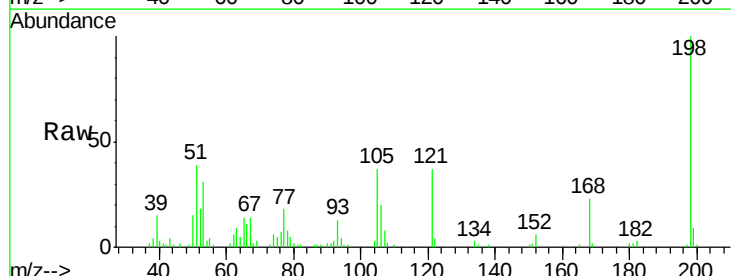
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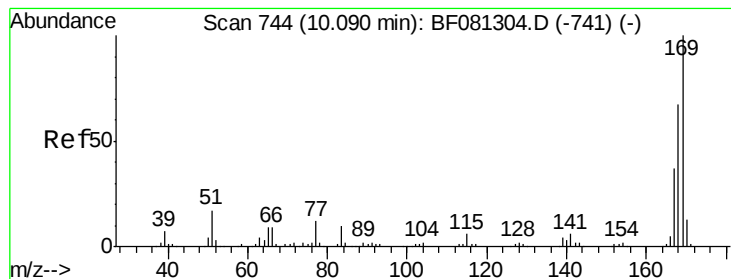
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.50 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	39.1	39.6	79.6#
105	36.6	28.5	68.5





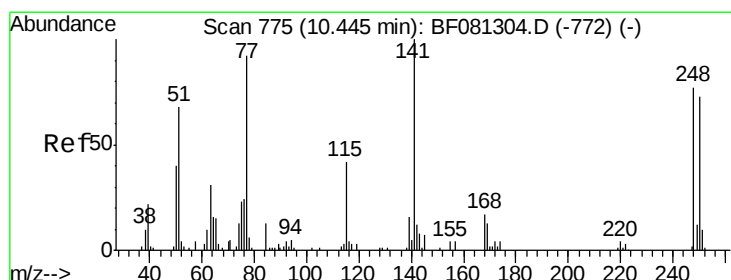
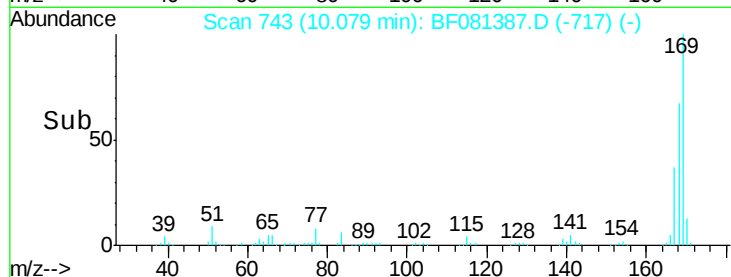
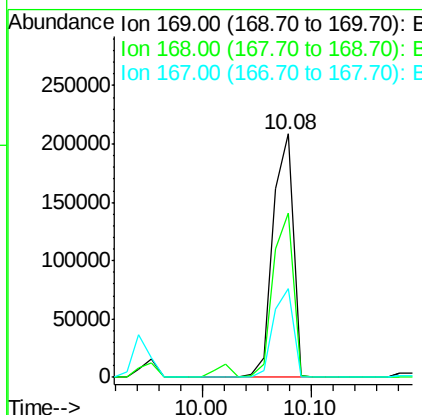
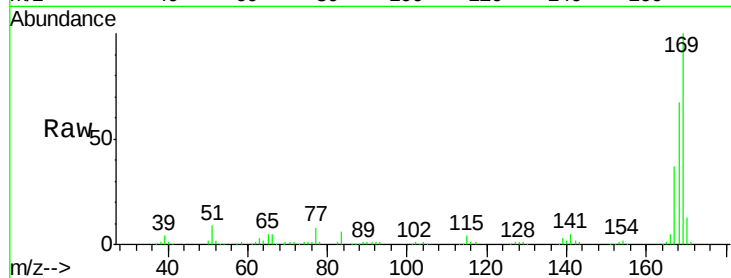
#65
 n-Nitrosodiphenylamine
 Concen: 34.16 ng
 RT: 10.08 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	269146		
168	67.2	48.9	73.3	
167	36.7	26.2	39.4	

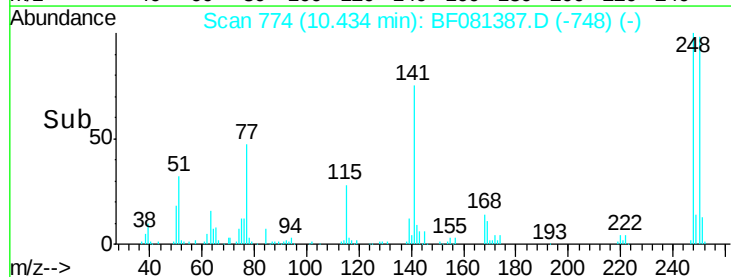
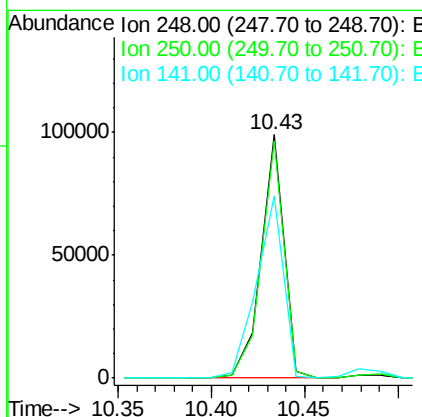
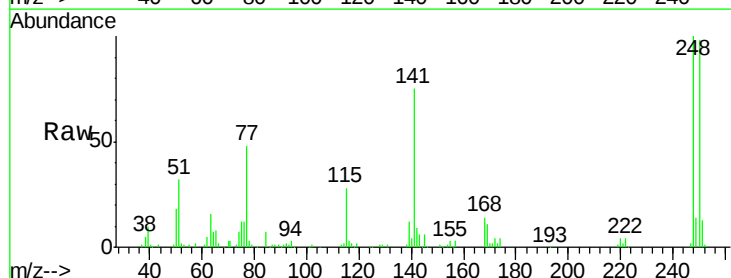
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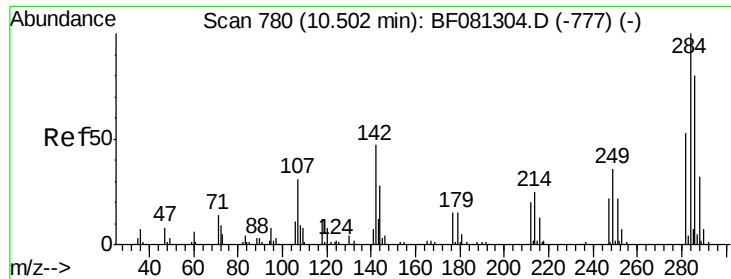
MMDadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 38.14 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	83499		
250	97.5	78.5	117.7	
141	74.6	59.0	88.6	





#67

Hexachlorobenzene

Concen: 36.56 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF081387.D

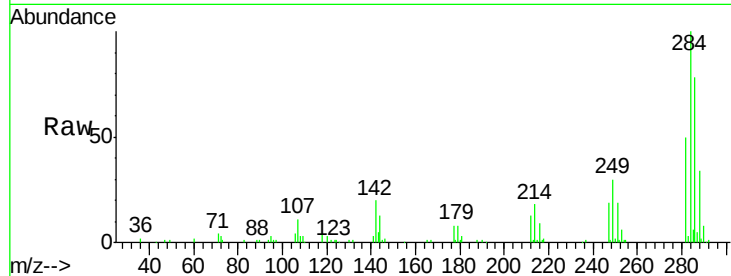
Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

ClientSampleId :

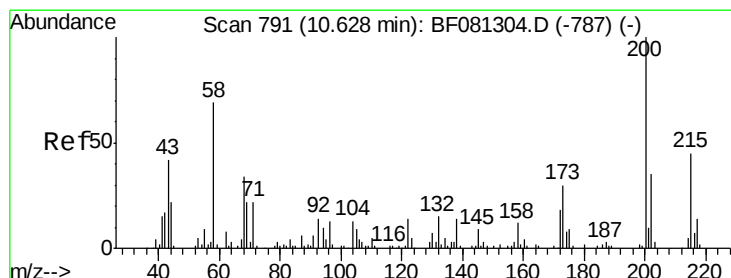
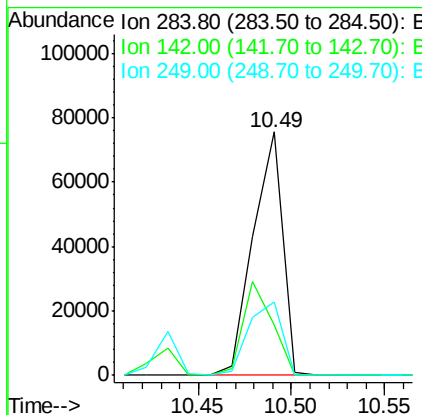
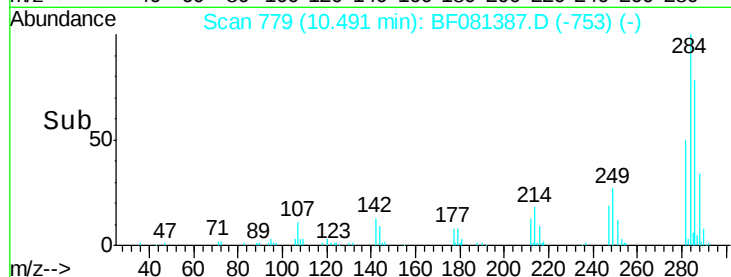
PB85343BS



Tot Ion:	284	Resp:	83680
Ion Ratio		Lower	Upper
284	100		
142	20.5	29.5	44.3#
249	30.1	19.5	29.3#

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#68

Atrazine

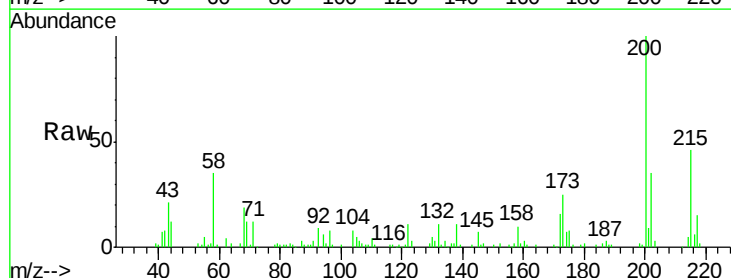
Concen: 39.82 ng

RT: 10.62 min Scan# 790

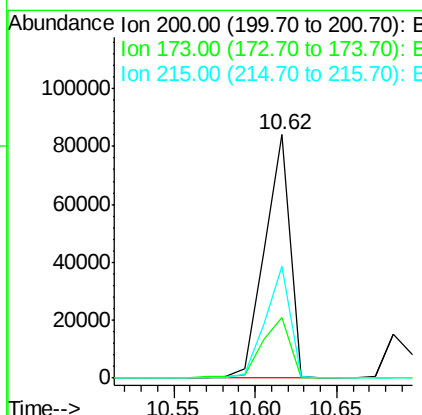
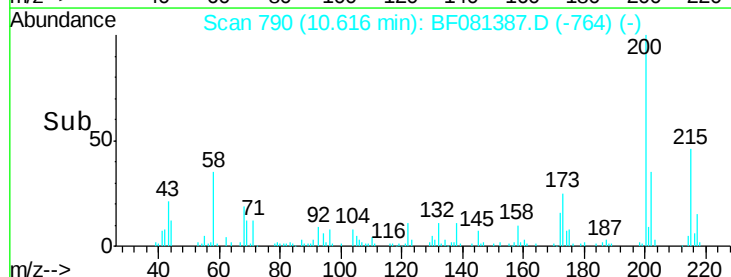
Delta R.T. 0.00 min

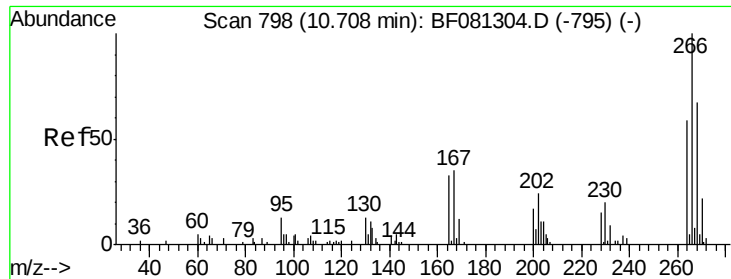
Lab File: BF081387.D

Acq: 3 Sep 2015 20:47



Tgt Ion:	200	Resp:	90793
Ion Ratio		Lower	Upper
200	100		
173	24.9	13.2	53.2
215	46.0	41.8	81.8





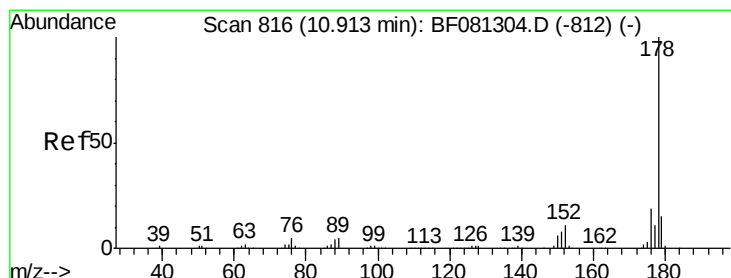
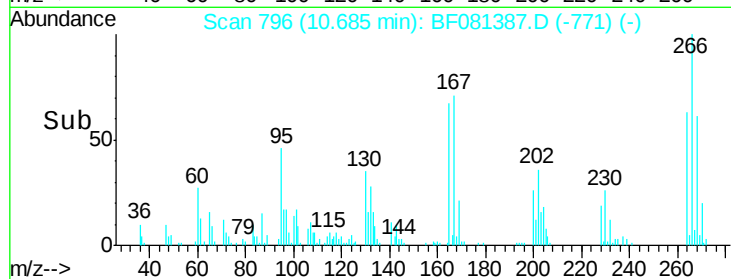
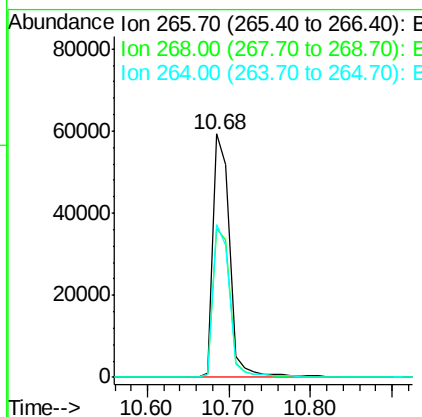
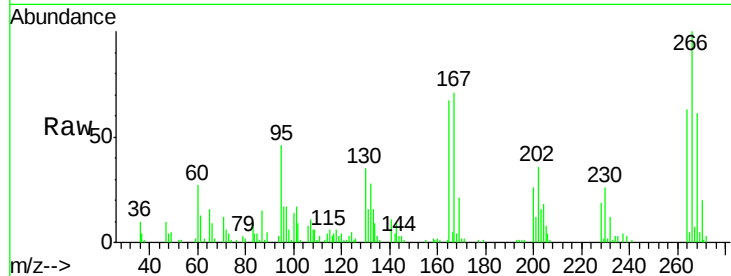
#69
 Pentachlorophenol
 Concen: 77.12 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	85547		
268	60.9	49.8	74.6	
264	62.9	50.2	75.2	

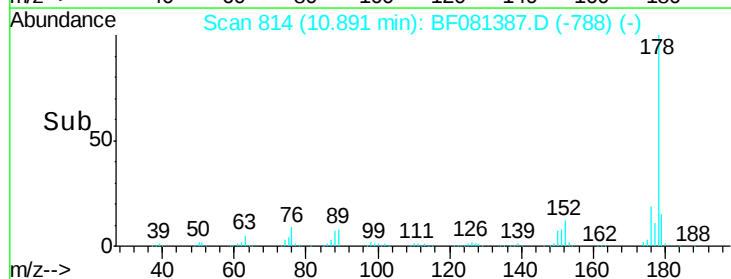
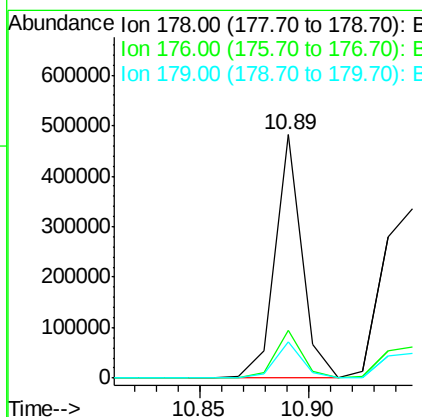
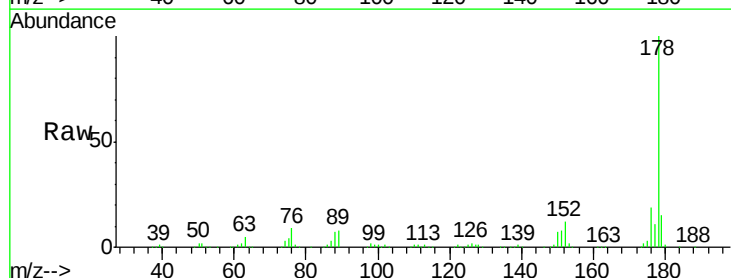
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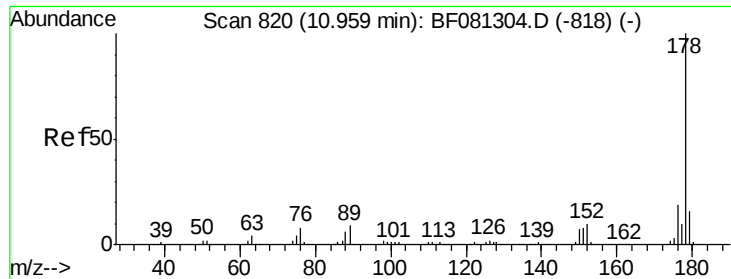
MMDadoda
 9/4/2015 2:51:12 PM



#70
 Phenanthrene
 Concen: 34.71 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	417790		
176	19.5	13.8	20.8	
179	14.9	12.2	18.2	





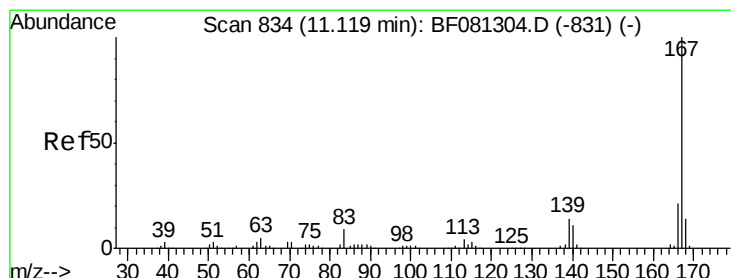
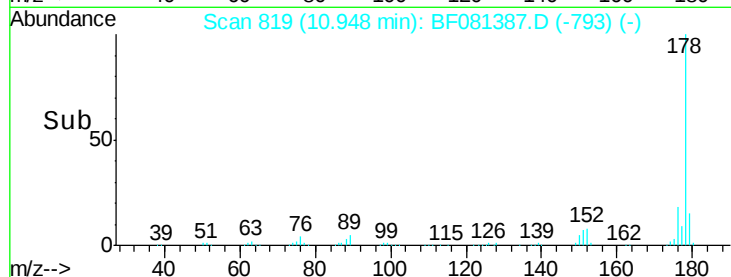
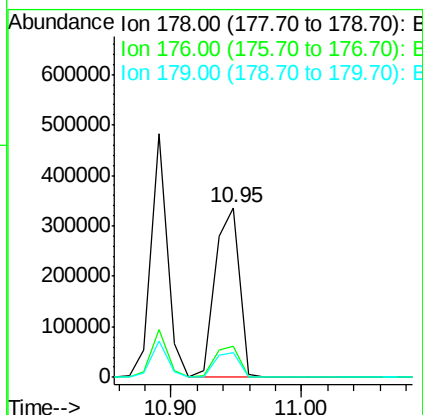
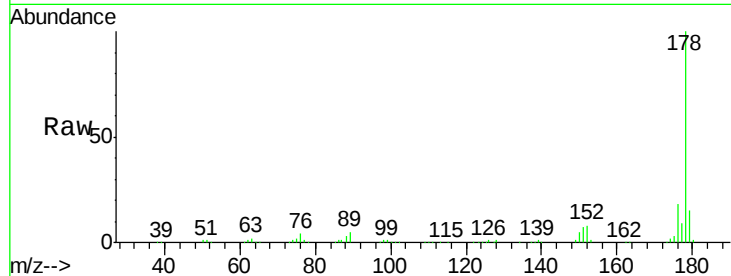
#71
 Anthracene
 Concen: 35.27 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		436235		
176	18.3	14.1	21.1		
179	14.9	12.2	18.2		

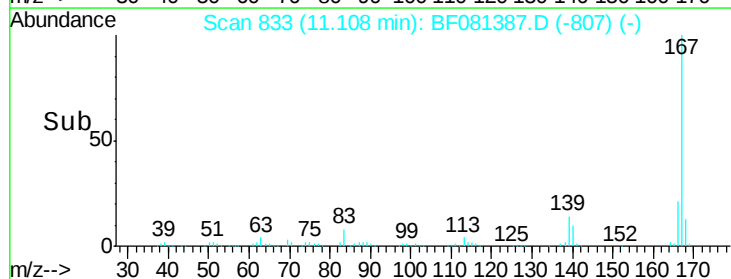
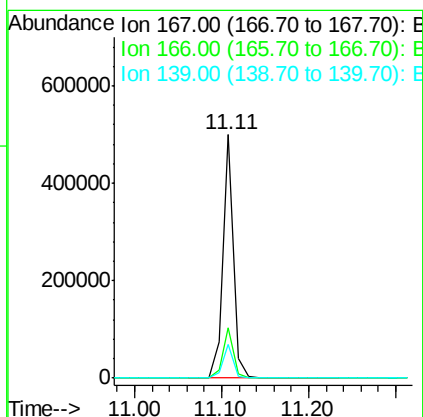
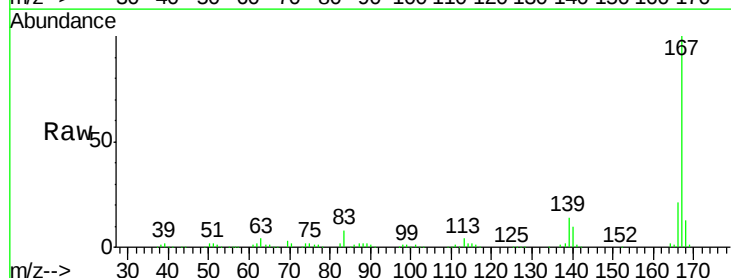
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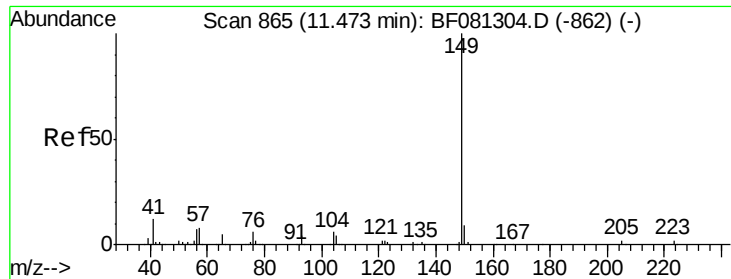
MMDadoda
 9/4/2015 2:51:12 PM



#72
 Carbazole
 Concen: 36.97 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		429005		
166	20.7	15.7	23.5		
139	13.7	9.5	14.3		





#73

Di-n-butylphthalate

Concen: 38.34 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

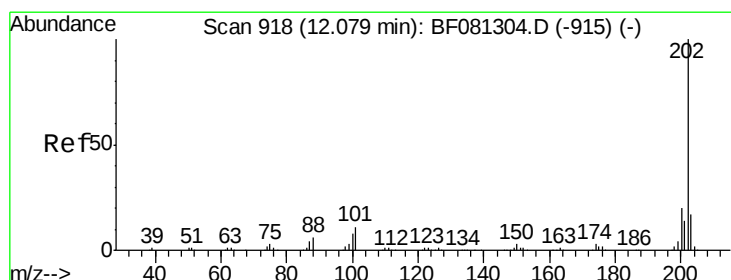
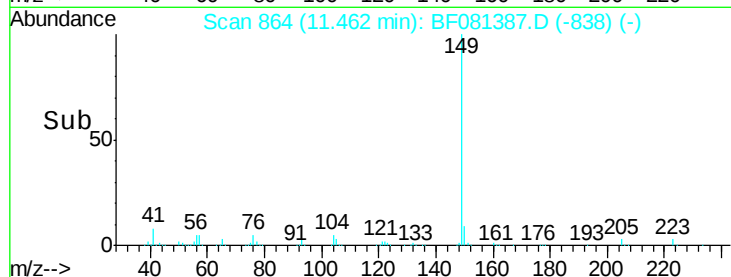
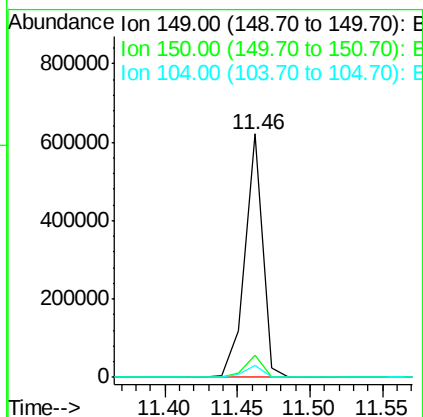
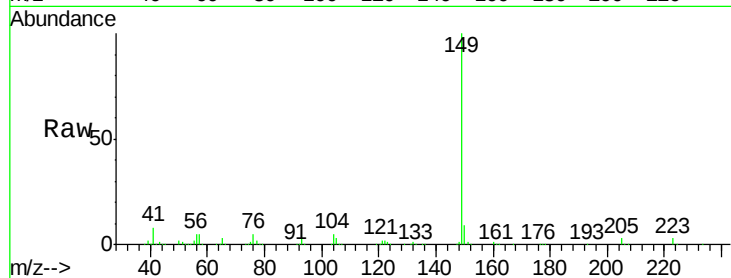
ClientSampleId :

PB85343BS

Tot Ion:	149	Resp:	525376
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.2
104	4.9	2.4	3.6#

Manual Integrations
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9/4/2015 2:51:12 PM



#74

Fluoranthene

Concen: 38.26 ng

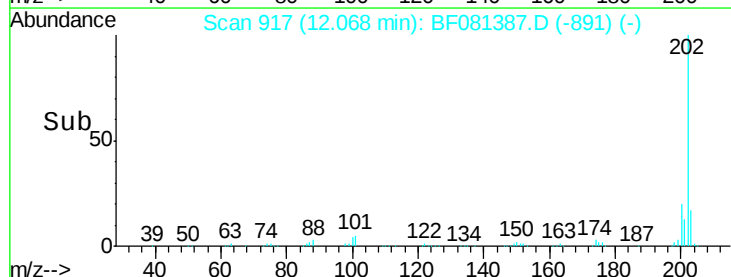
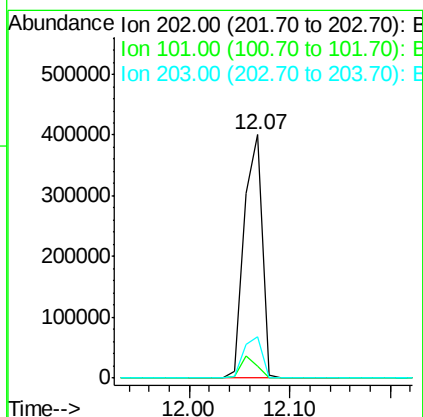
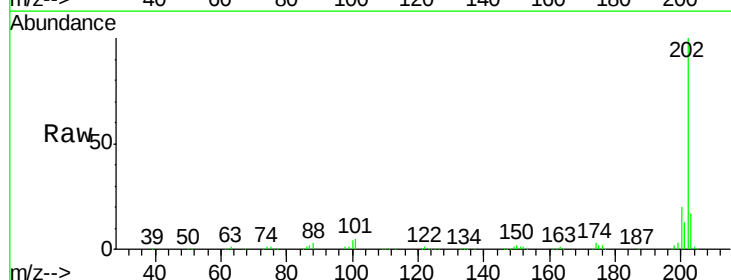
RT: 12.07 min Scan# 917

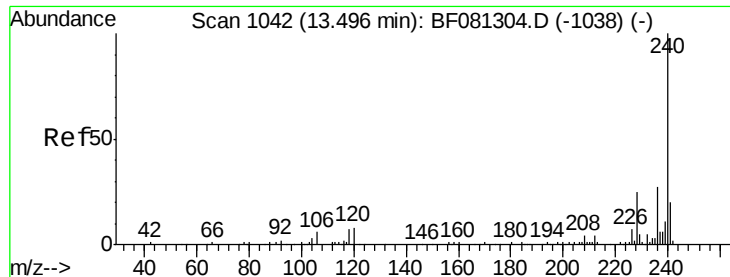
Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion:	202	Resp:	498566
Ion Ratio	Lower	Upper	
202	100		
101	5.1	0.0	38.3
203	17.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

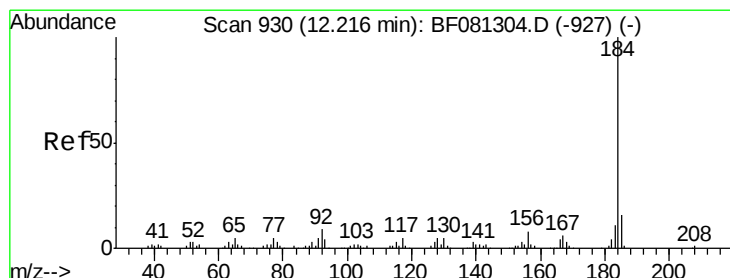
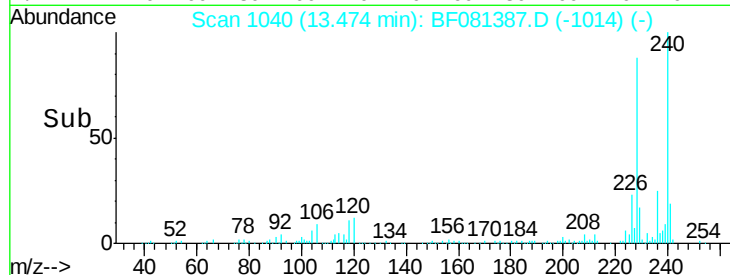
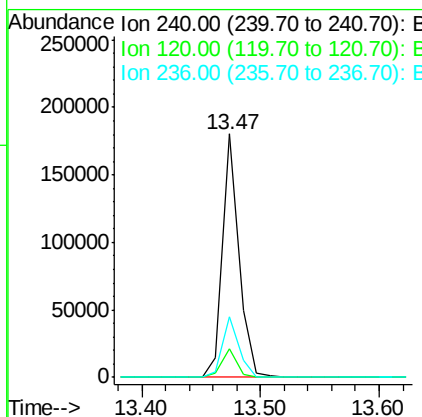
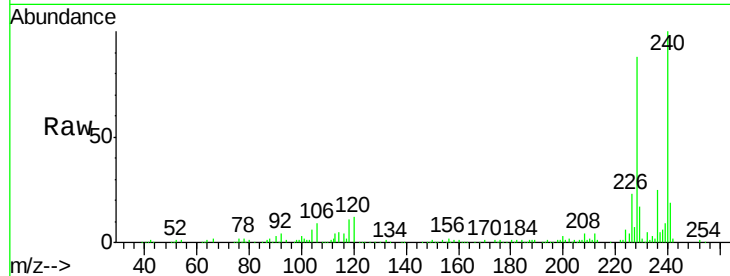
ClientSampleId :

PB85343BS

Tot Ion:	240	Resp:	171723
Ion Ratio	Lower	Upper	
240	100		
120	11.7	16.2	24.2#
236	24.9	18.4	27.6

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#76

Benzidine

Concen: 31.97 ng

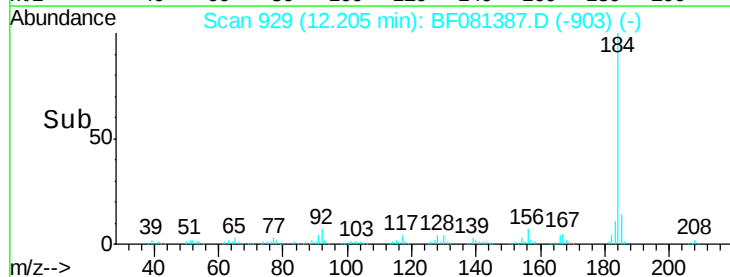
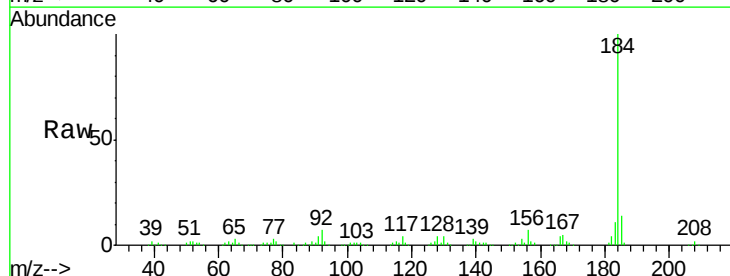
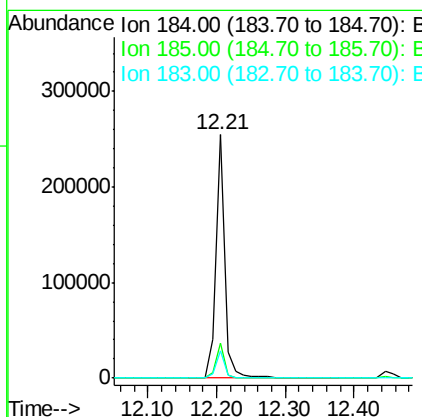
RT: 12.21 min Scan# 929

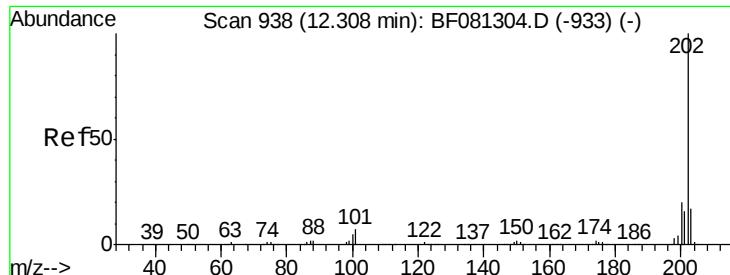
Delta R.T. 0.00 min

Lab File: BF081387.D

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Tgt Ion:	184	Resp:	235653
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.8	17.6
183	11.0	7.6	11.4





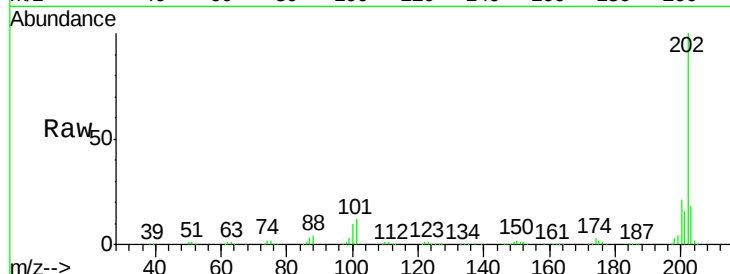
#77
Pvrene
Concen: 38.39 ng
RT: 12.29 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

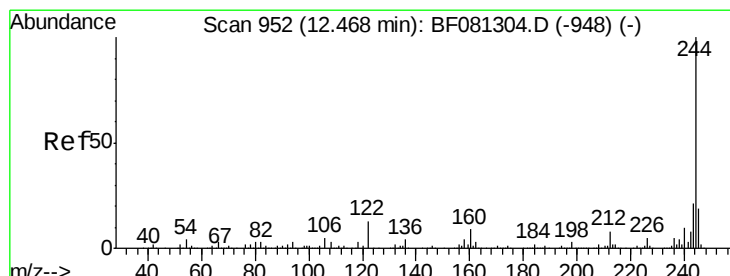
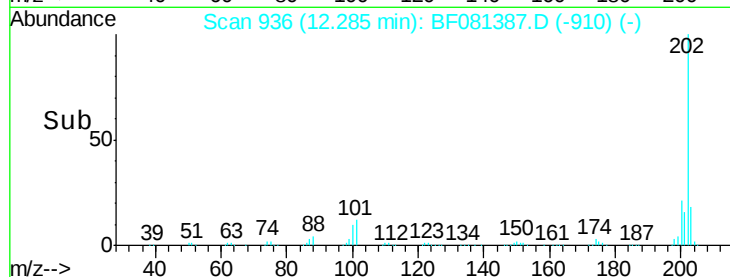
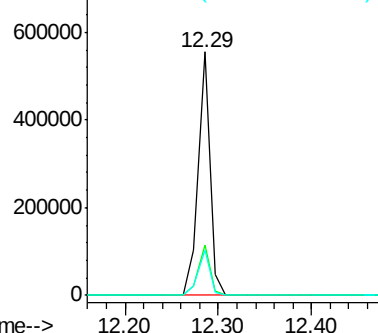
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	15.0	22.4
203	18.3	14.1	21.1

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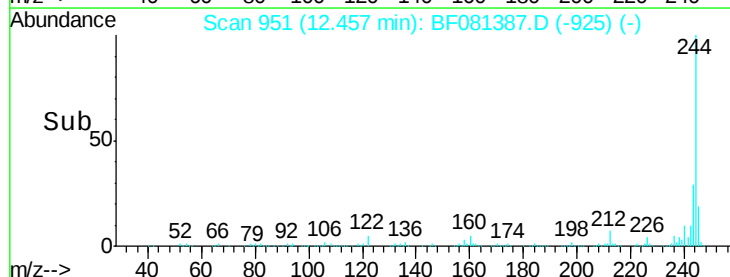
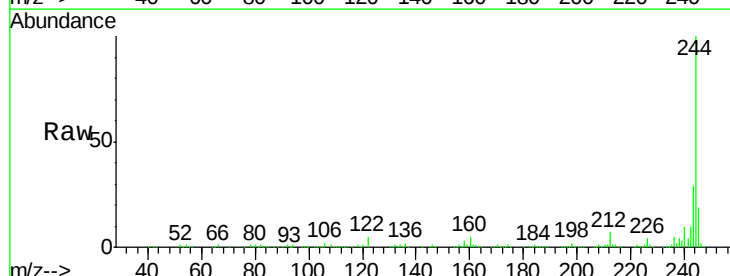
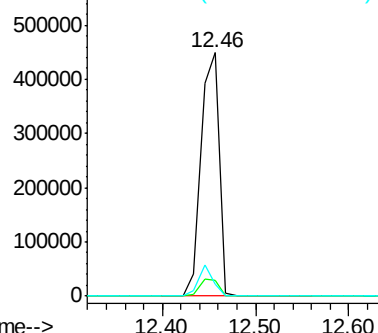
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

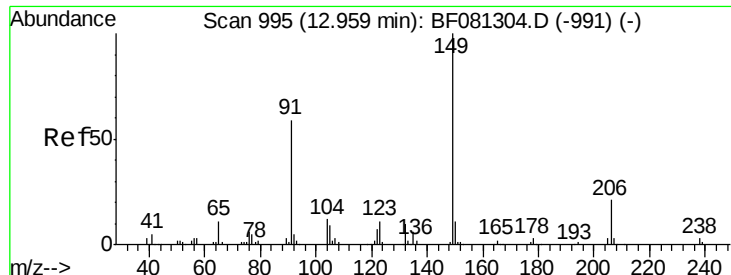


#78
Terphenyl-d14
Concen: 83.21 ng
RT: 12.46 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	4.3	6.5#
122	5.2	17.4	26.2#

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





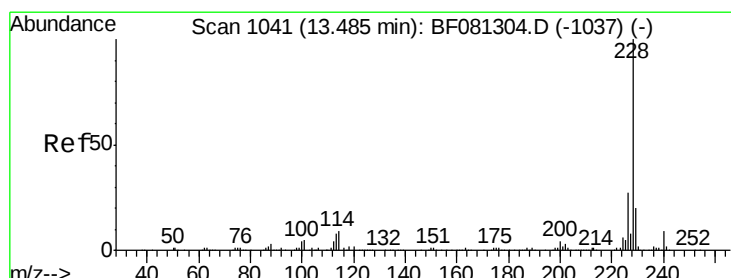
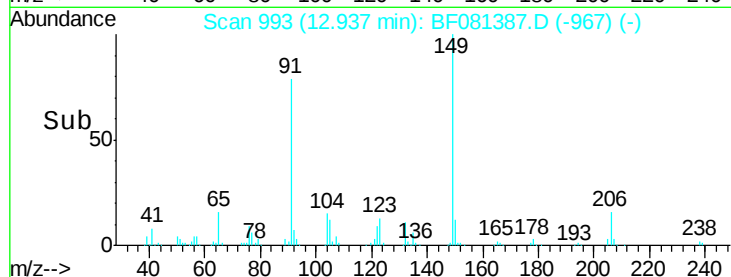
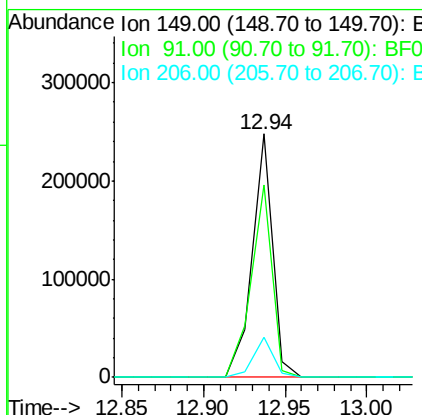
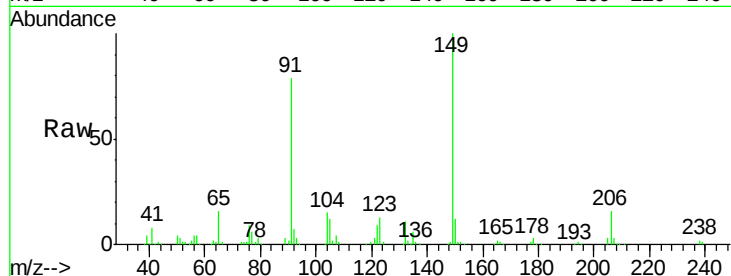
#79
Butylbenzylphthalate
Concen: 39.02 ng
RT: 12.94 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	215852		
91	78.9	48.6	72.8#	
206	16.5	14.9	22.3	

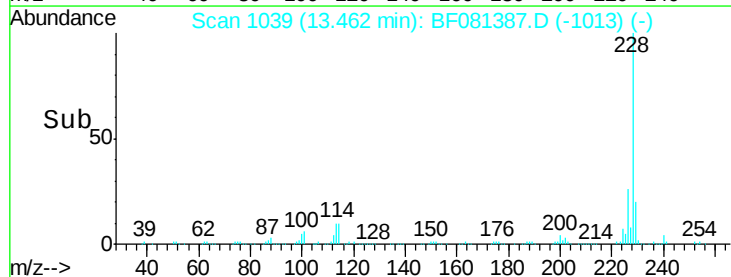
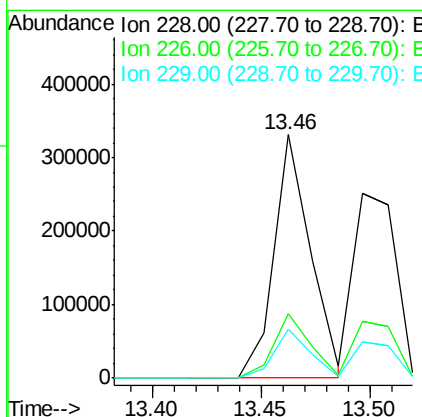
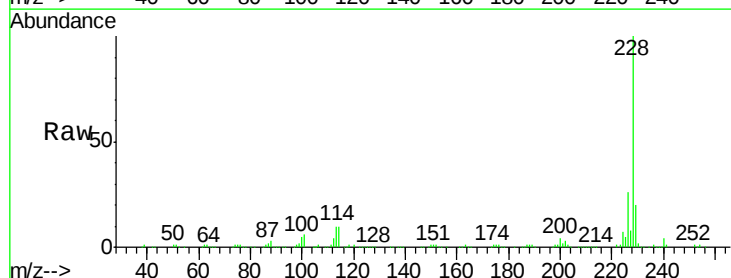
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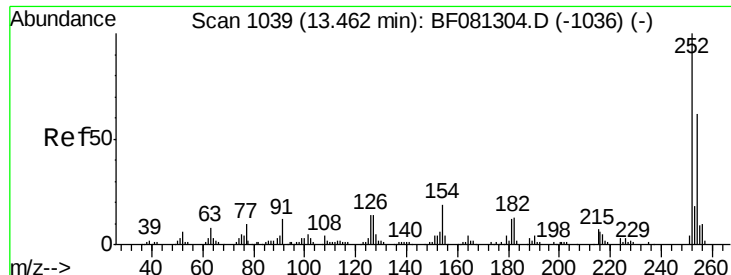
MMDadoda
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#80
Benzo(a)anthracene
Concen: 35.66 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	389976		
226	26.5	20.0	30.0	
229	20.0	15.4	23.2	





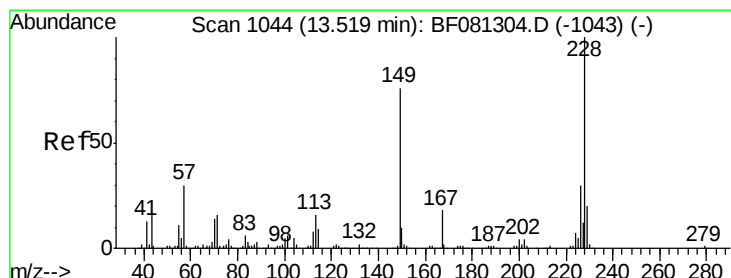
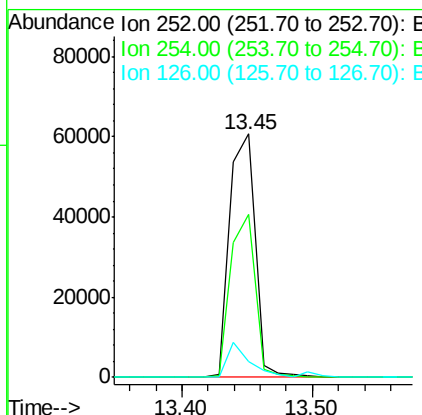
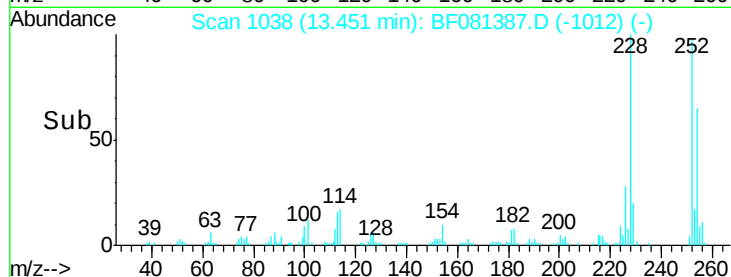
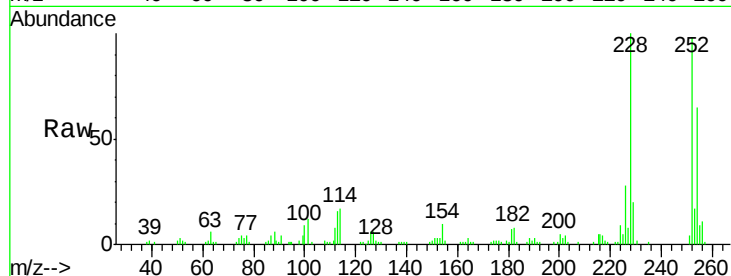
#81
 3,3'-Dichlorobenzidine
 Concen: 22.30 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	82266		
254	67.1		51.4	77.2
126	6.6		16.4	24.6

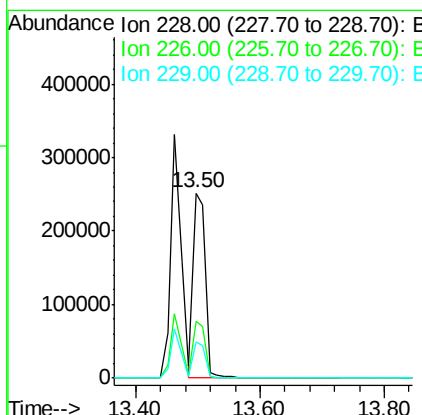
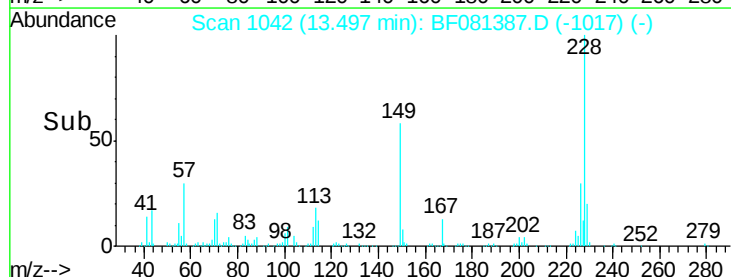
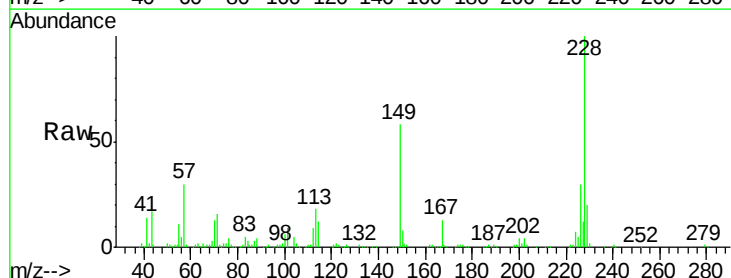
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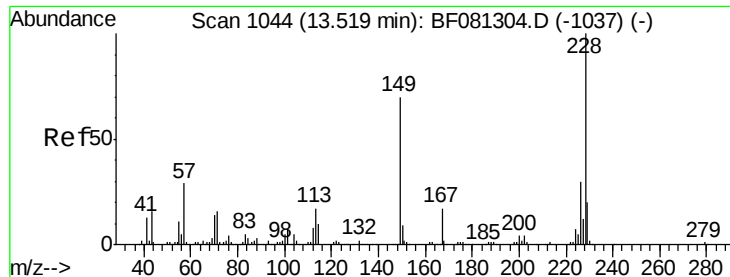
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#82
 Chrysene
 Concen: 35.70 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	349964		
226	30.4		21.0	31.4
229	19.7		15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.05 ng

RT: 13.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

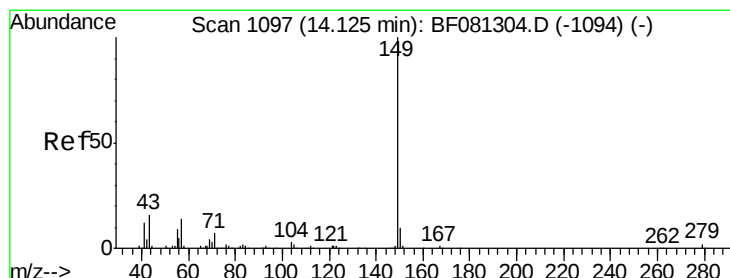
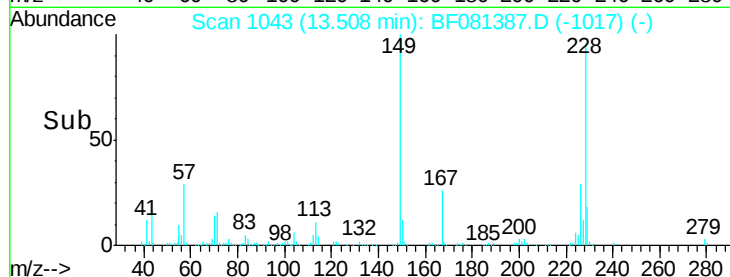
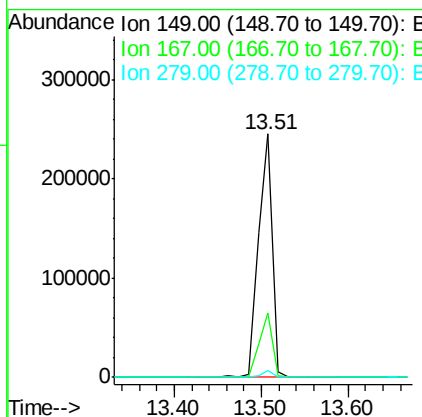
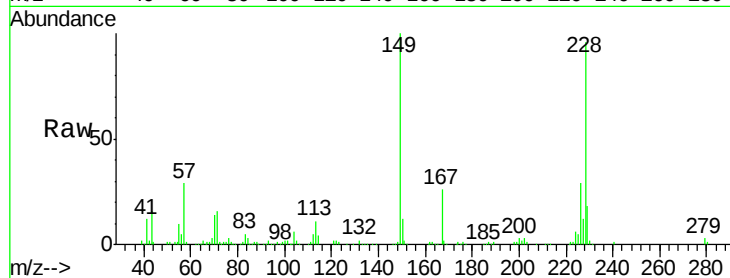
ClientSampleId :

PB85343BS

Tot Ion:	149	Resp:	277763
Ion Ratio	Lower	Upper	
149	100		
167	26.4	24.2	36.2
279	3.1	3.8	5.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 34.43 ng

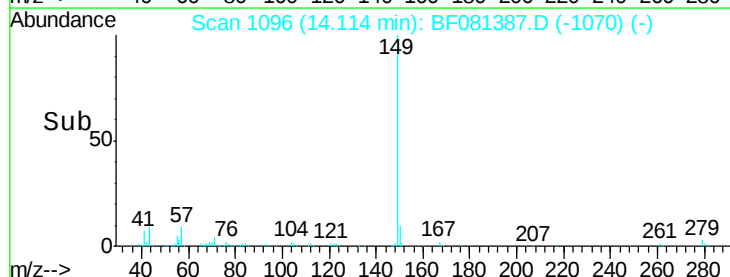
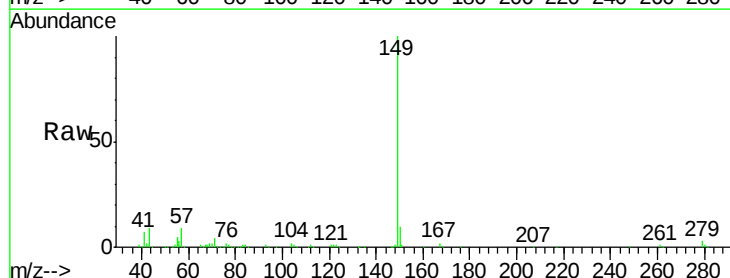
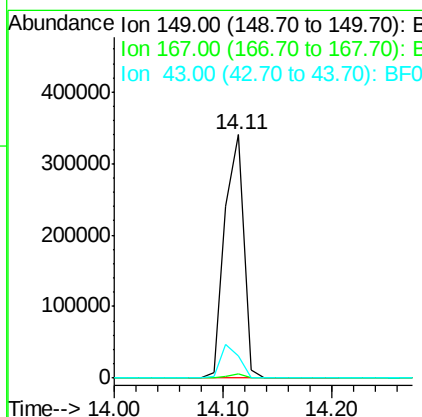
RT: 14.11 min Scan# 1096

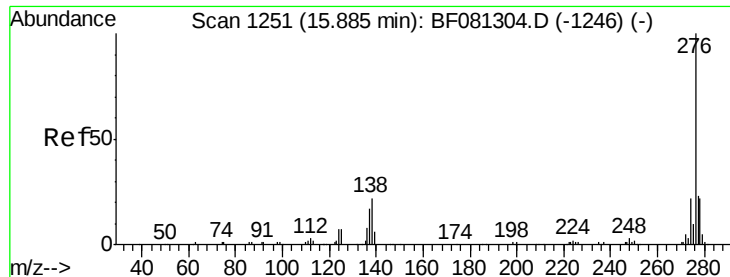
Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Tgt Ion:	149	Resp:	413836
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.0	1.6
43	13.6	10.2	15.2





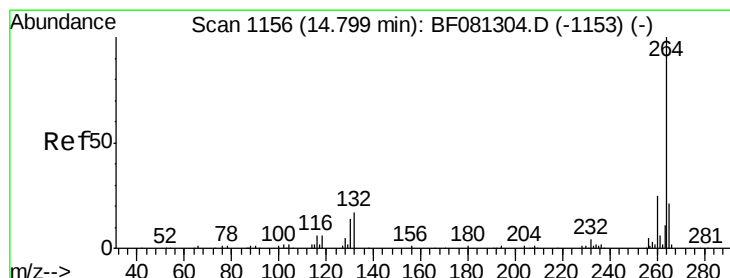
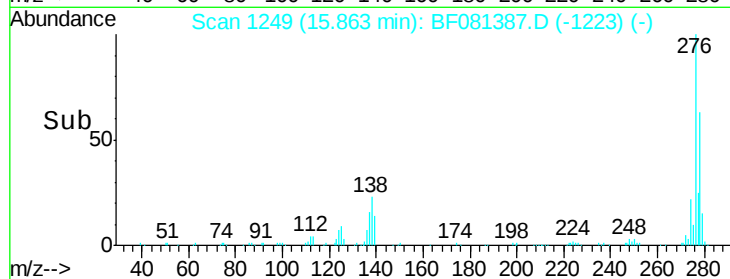
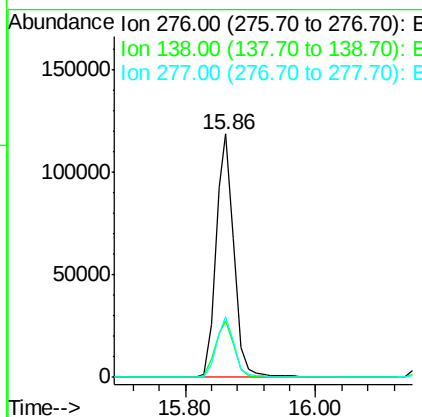
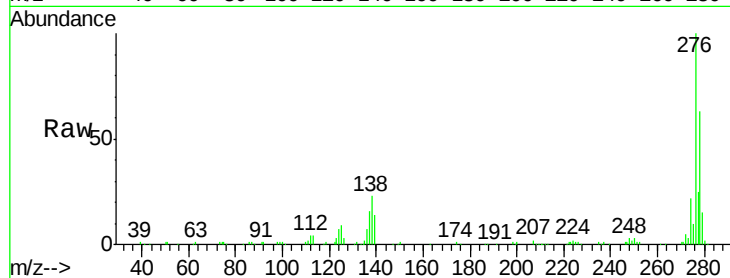
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.97 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85343BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.7	38.5#
277	24.4	15.6	23.4#

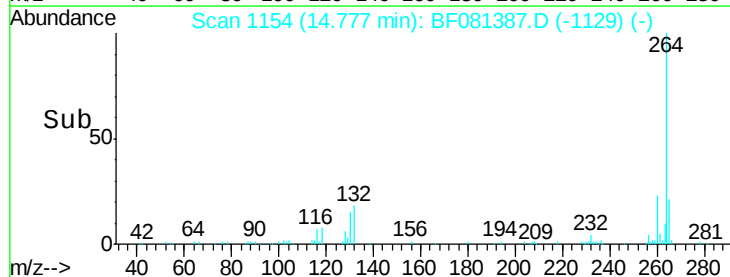
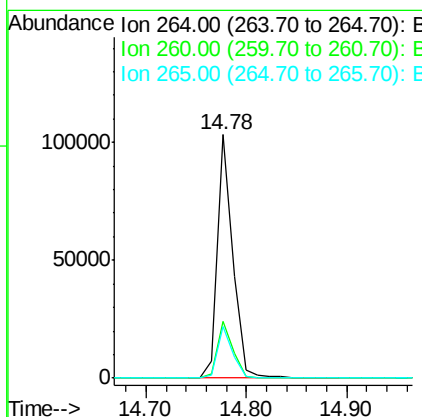
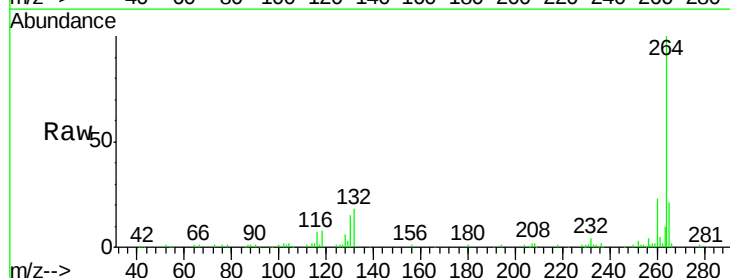
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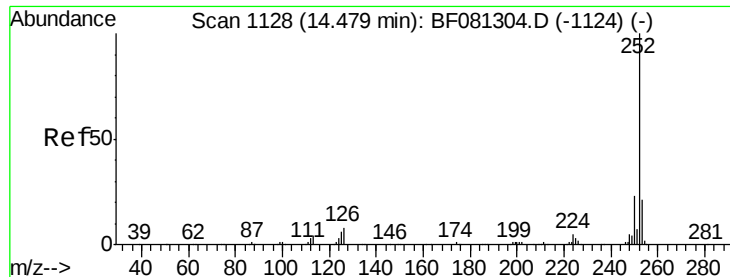
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081387.D
 Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.64 ng m

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF081387.D

Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

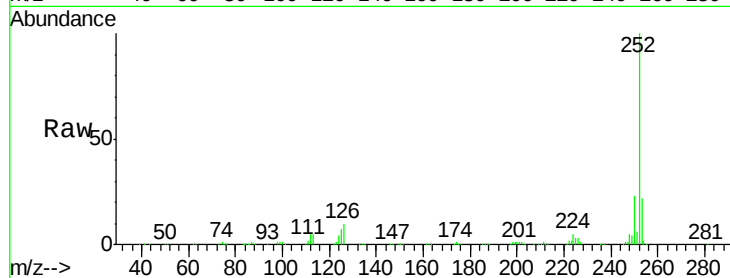
ClientSampleId :

PB85343BS

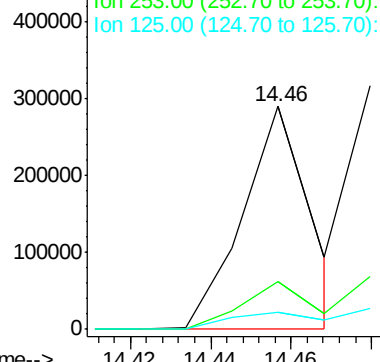
Tot Ion:	252	Resp:	337354
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	7.5	17.1	25.7#

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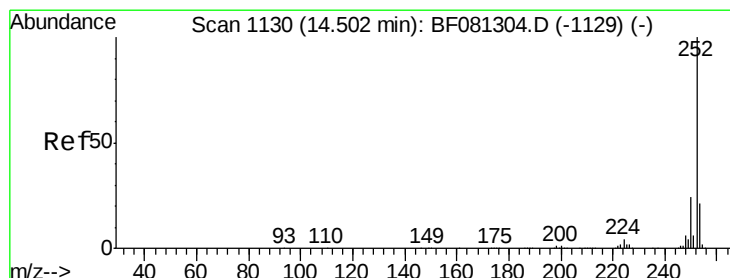
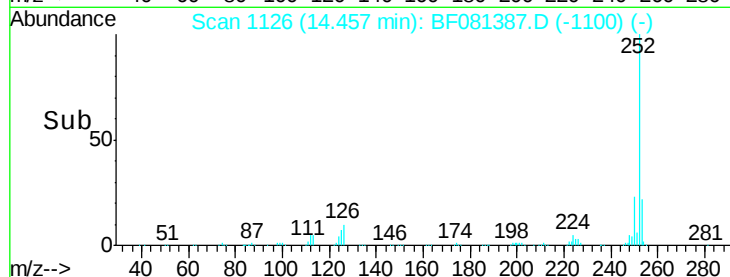
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 37.17 ng m

RT: 14.48 min Scan# 1128

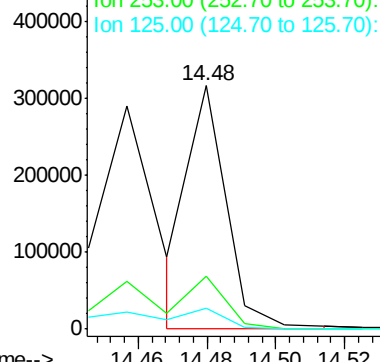
Delta R.T. 0.00 min

Lab File: BF081387.D

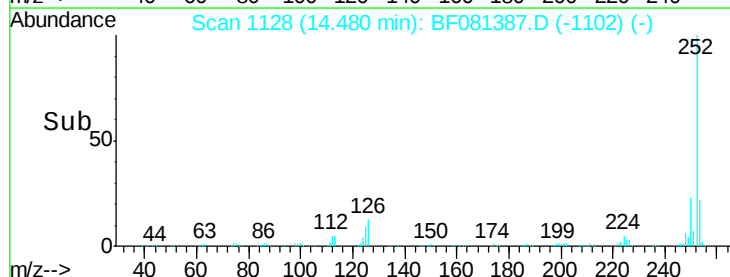
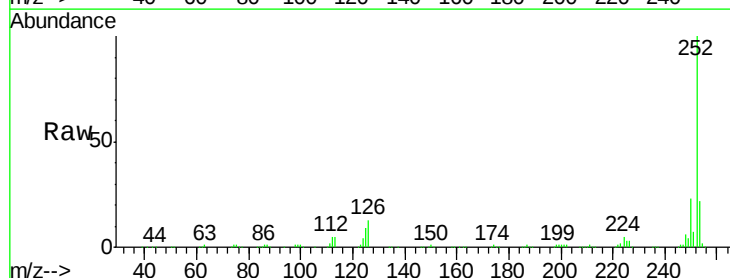
Acq: 3 Sep 2015 20:47

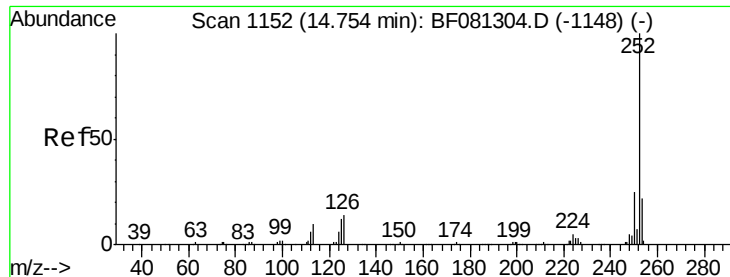
Tgt Ion:	252	Resp:	244004
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.4
125	8.6	16.0	24.0#

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



Time-->





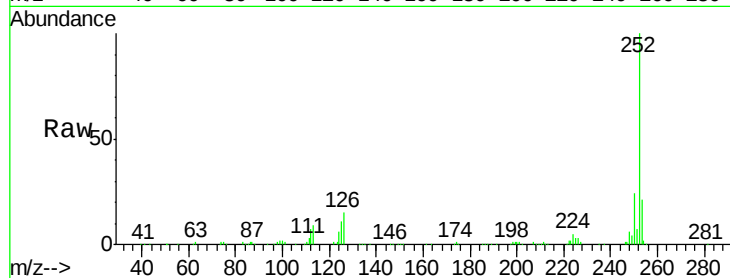
#89
Benzo(a)pyrene
Concen: 37.03 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85343BS

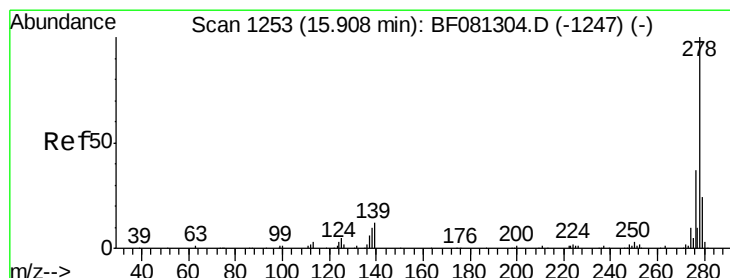
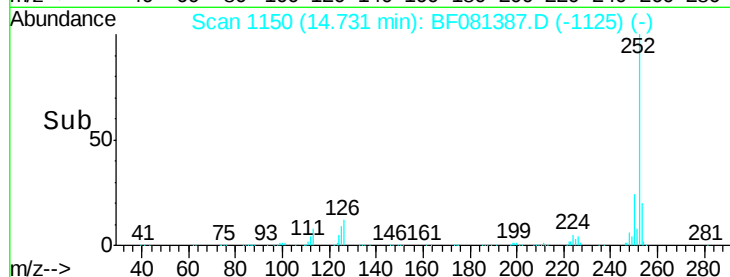
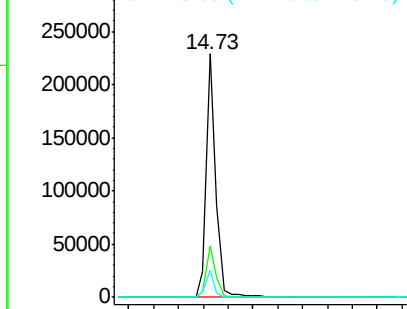
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	11.5	18.0	27.0

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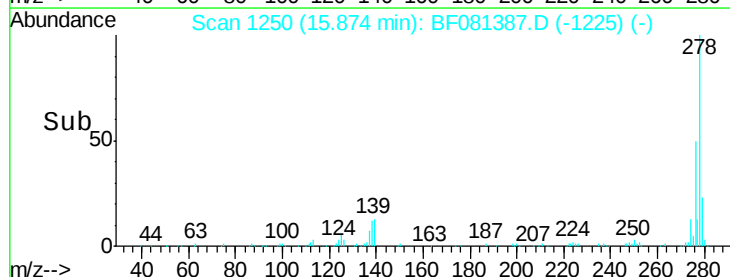
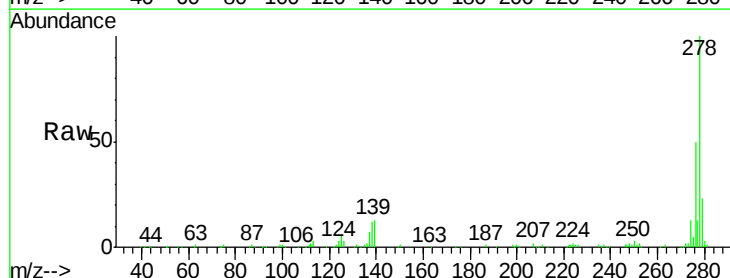
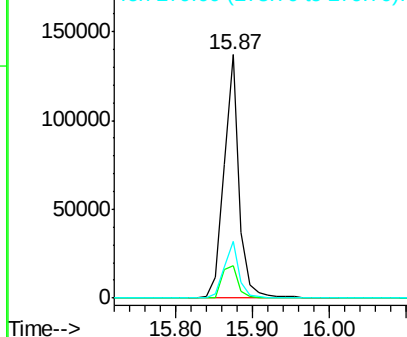
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

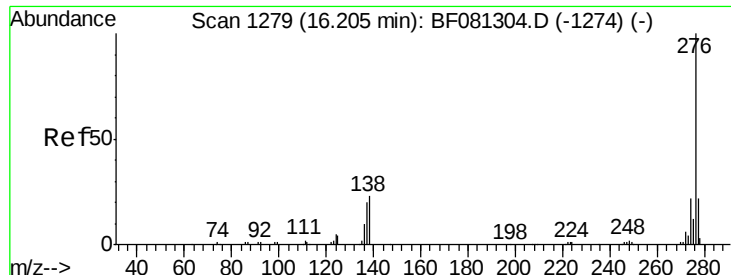


#90
Dibenzo(a,h)anthracene
Concen: 36.99 ng
RT: 15.87 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF081387.D
Acq: 3 Sep 2015 20:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	26.3	39.5
279	23.5	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.45 ng

RT: 16.18 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF081387.D

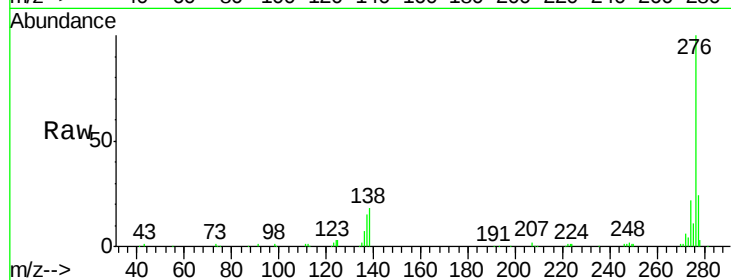
Acq: 3 Sep 2015 20:47

Instrument :

BNA_F

ClientSampleId :

PB85343BS



Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.1	17.8	26.6	
138	17.6	34.6	51.8	

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:51:12 PM

