

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082473.D
 Acq On : 23 Oct 2015 18:58
 Operator : UM/IZ
 Sample : PB86215BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:22:10 PM

Quant Time: Oct 24 05:18:26 2015
 Quant Title :
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	104416	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	413959	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	205028	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	402158	20.00	ng	0.00
75) Chrysene-d12	13.96	240	355334	20.00	ng	0.00
86) Perylene-d12	15.43	264	291497	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	589942	114.03	ng	0.01
7) Phenol-d6	6.41	99	782163	116.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	460506	74.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	180648	93.95	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	992250	80.26	ng	-0.01
78) Terphenyl-d14	12.88	244	1066653	79.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	74348	28.60	ng	97
3) Pyridine	3.04	79	201066	33.26	ng	95
4) n-Nitrosodimethylamine	3.01	42	91201	35.57	ng	99
6) Aniline	6.42	93	210279	24.22	ng	# 1
8) 2-Chlorophenol	6.54	128	227439	36.01	ng	# 81
9) Benzaldehyde	6.30	77	88042	25.61	ng	97
10) Phenol	6.42	94	305128	39.31	ng	96
11) bis(2-Chloroethyl)ether	6.49	93	221517	33.75	ng	90
12) 1,3-Dichlorobenzene	6.69	146	253780	34.50	ng	96
13) 1,4-Dichlorobenzene	6.77	146	259015	33.72	ng	98
14) 1,2-Dichlorobenzene	6.93	146	250030m	34.28	ng	
15) Benzyl Alcohol	6.91	79	180804	38.90	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	316376	34.61	ng	84
17) 2-Methylphenol	7.03	107	191870	38.42	ng	94
18) Hexachloroethane	7.26	117	89485	34.03	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	164104	34.71	ng	# 90
20) 3+4-Methylphenols	7.19	107	244781	41.13	ng	# 60
22) Acetophenone	7.18	105	317277	38.75	ng	# 89
24) Nitrobenzene	7.35	77	251018	37.62	ng	# 89
25) Isophorone	7.59	82	455009	36.57	ng	96
26) 2-Nitrophenol	7.67	139	127422	38.25	ng	93
27) 2,4-Dimethylphenol	7.71	122	225316	41.98	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	277293	38.31	ng	98
29) 2,4-Dichlorophenol	7.91	162	212044	39.52	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	225075	36.39	ng	97
31) Naphthalene	8.07	128	674137	37.57	ng	99
32) Benzoic acid	7.85	122	115244	31.99	ng	97
33) 4-Chloroaniline	8.13	127	154720	20.76	ng	96
34) Hexachlorobutadiene	8.18	225	129531	33.61	ng	97
35) Caprolactam	8.50	113	60786	39.03	ng	# 79
36) 4-Chloro-3-methylphenol	8.62	107	209455	39.92	ng	98
37) 2-Methylnaphthalene	8.75	142	465618	37.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	239811	39.32	ng	99
40) Hexachlorocyclopentadiene	8.90	237	153623	52.92	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	148143	36.57	ng	99

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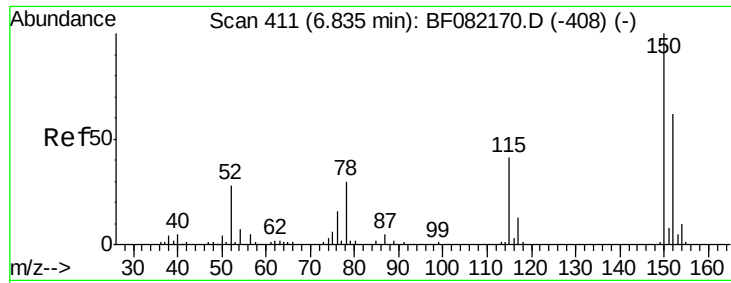
Manual Integrations
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Quant Time: Oct 24 05:18:26 2015
 Quant Title :
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	157256	35.84	ng	95
45) 1,1'-Biphenyl	9.22	154	573006	36.65	ng	97
46) 2-Chloronaphthalene	9.25	162	447779	36.38	ng	94
47) 2-Nitroaniline	9.36	65	139645	41.33	ng	# 69
48) Acenaphthylene	9.67	152	748734	39.05	ng	99
49) Dimethylphthalate	9.53	163	540120	37.41	ng	100
50) 2,6-Dinitrotoluene	9.60	165	123744	40.62	ng	91
51) Acenaphthene	9.84	154	420309	36.52	ng	99
52) 3-Nitroaniline	9.77	138	75892	22.06	ng	99
53) 2,4-Dinitrophenol	9.89	184	110085	65.89	ng	96
54) Dibenzofuran	10.01	168	669697	42.38	ng	98
55) 4-Nitrophenol	9.95	139	130003	60.57	ng	89
56) 2,4-Dinitrotoluene	10.01	165	158642	41.67	ng	90
57) Fluorene	10.35	166	549674	42.35	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	132128	36.86	ng	95
59) Diethylphthalate	10.23	149	523772	38.92	ng	98
60) 4-Chlorophenyl-phenylether	10.34	204	239285	40.25	ng	96
61) 4-Nitroaniline	10.39	138	120415	36.08	ng	96
62) Azobenzene	10.50	77	526587	39.98	ng	98
64) 4,6-Dinitro-2-methylphenol	10.41	198	84936	37.63	ng	# 53
65) n-Nitrosodiphenylamine	10.47	169	464375	38.57	ng	100
66) 4-Bromophenyl-phenylether	10.83	248	154135	38.30	ng	98
67) Hexachlorobenzene	10.89	284	150608	34.60	ng	# 56
68) Atrazine	11.01	200	154101	40.40	ng	92
69) Pentachlorophenol	11.10	266	148937	66.50	ng	97
70) Phenanthrene	11.31	178	802917	40.73	ng	100
71) Anthracene	11.37	178	820886	40.41	ng	99
72) Carbazole	11.53	167	729712	39.38	ng	97
73) Di-n-butylphthalate	11.85	149	859329	37.59	ng	100
74) Fluoranthene	12.50	202	856346	40.45	ng	99
76) Benzidine	12.63	184	324790	31.54	ng	99
77) Pyrene	12.73	202	838139	39.75	ng	99
79) Butylbenzylphthalate	13.36	149	403042	41.88	ng	90
80) Benzo(a)anthracene	13.94	228	728108	39.38	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	186203	26.53	ng	98
82) Chrysene	13.98	228	628550	32.27	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	524742	38.22	ng	99
84) Di-n-octyl phthalate	14.58	149	917777	38.92	ng	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	575433	37.16	ng	98
87) Benzo(b)fluoranthene	15.03	252	673626m	37.98	ng	
88) Benzo(k)fluoranthene	15.05	252	593799m	39.84	ng	
89) Benzo(a)pyrene	15.37	252	597327	39.19	ng	99
90) Dibenzo(a,h)anthracene	16.84	278	486647	38.96	ng	98
91) Benzo(g,h,i)perylene	17.24	276	458082	37.75	ng	98

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



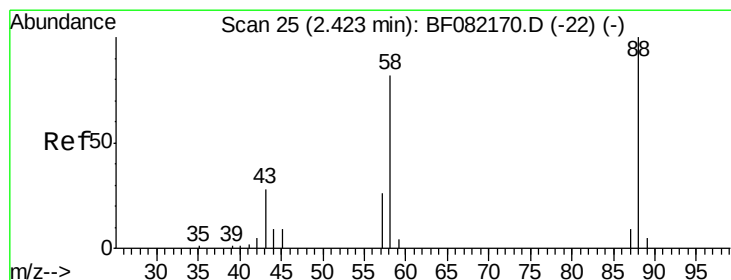
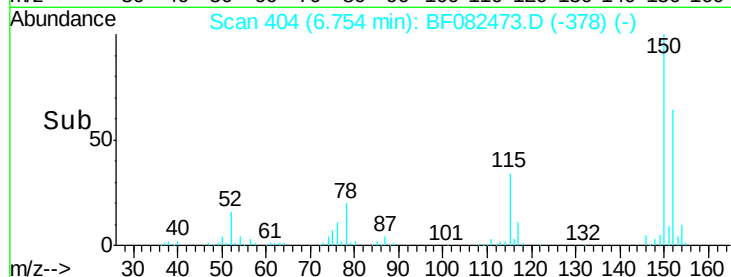
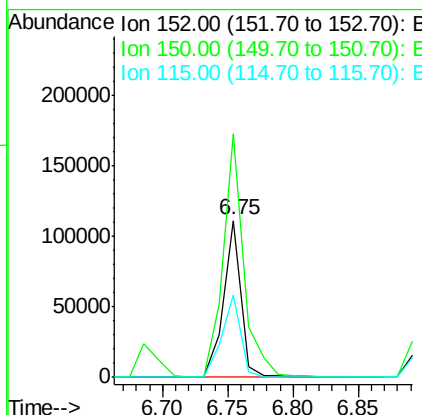
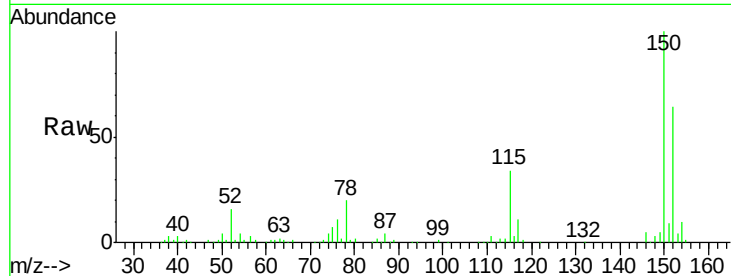
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	104416		
150	155.5	129.0	193.4	
115	52.9	52.1	78.1	

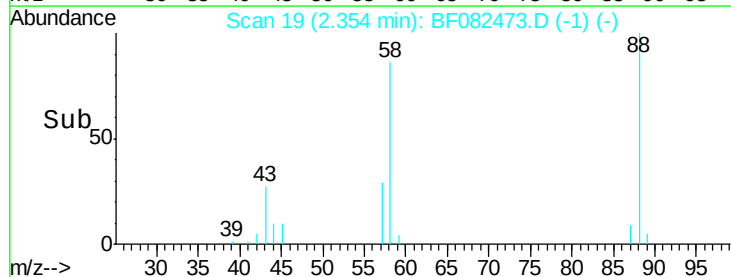
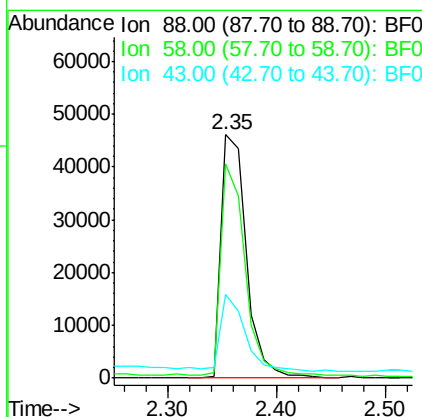
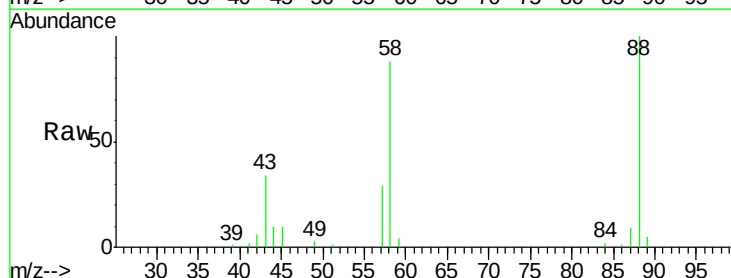
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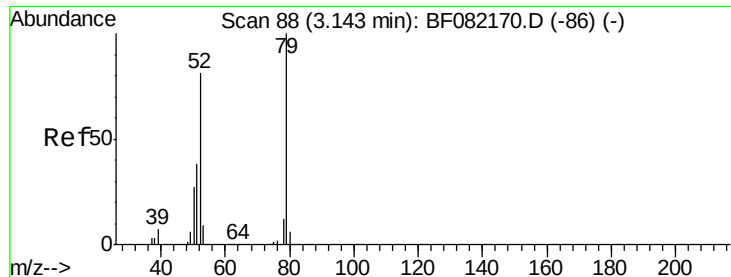
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#2
 1,4-Dioxane
 Concen: 28.60 ng
 RT: 2.35 min Scan# 19
 Delta R.T. 0.09 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	74348		
58	84.1	66.2	99.4	
43	31.9	23.0	34.4	





#3

Pyridine

Concen: 33.26 ng

RT: 3.04 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

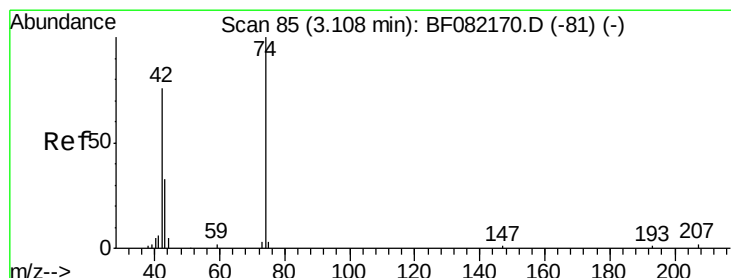
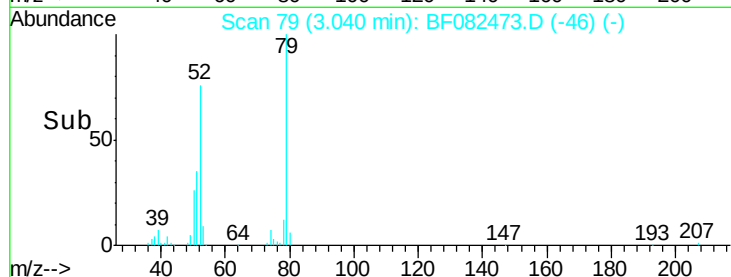
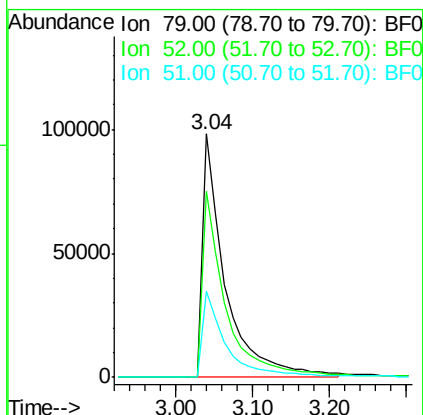
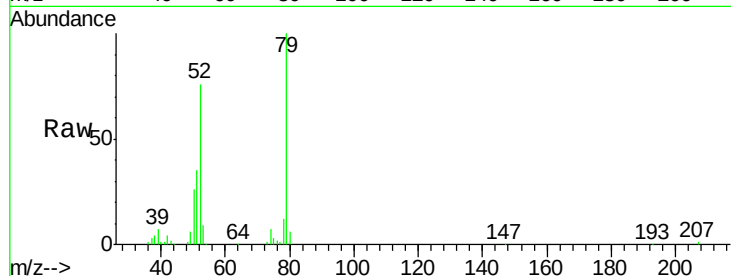
ClientSampleId :

PB86215BS

Tgt Ion:	79	Resp:	201066
Ion	Ratio	Lower	Upper
79	100		
52	76.3	64.4	96.6
51	35.5	30.5	45.7

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#4

n-Nitrosodimethylamine

Concen: 35.57 ng

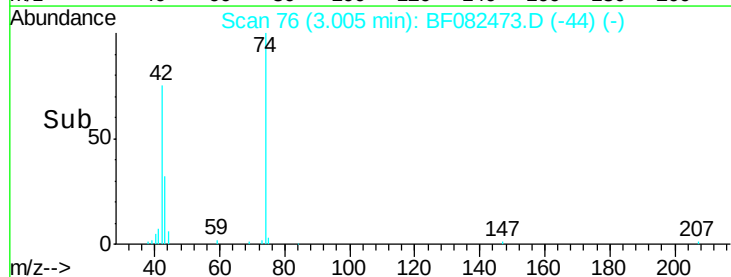
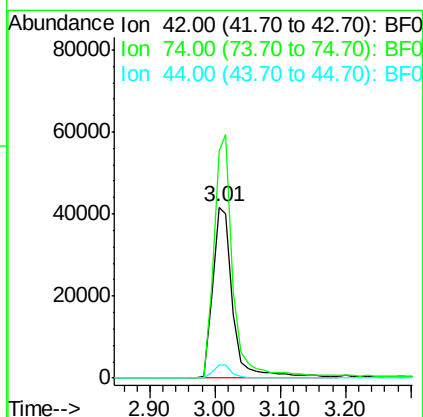
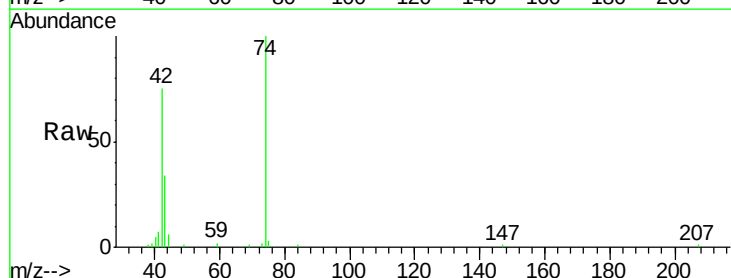
RT: 3.01 min Scan# 76

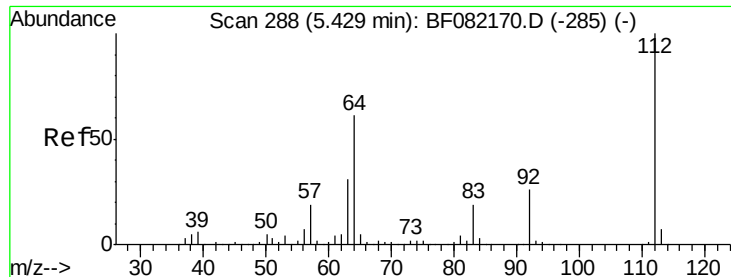
Delta R.T. 0.07 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion:	42	Resp:	91201
Ion	Ratio	Lower	Upper
42	100		
74	133.1	105.7	158.5
44	7.4	5.4	8.2





#5

2-Fluorophenol

Concen: 114.03 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082473.D

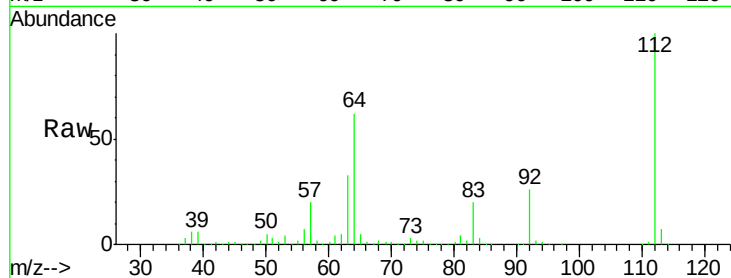
Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

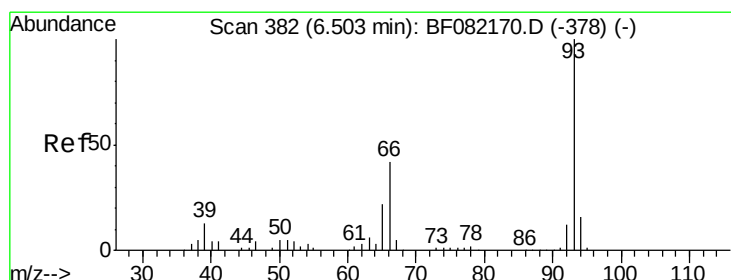
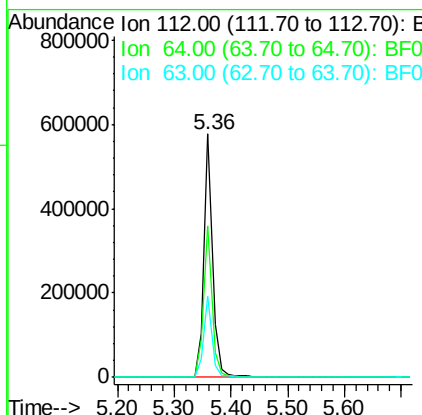
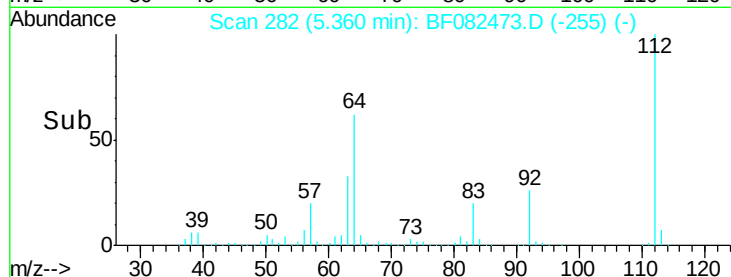
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	589942		
64	62.5	48.6	73.0	
63	33.5	25.1	37.7	

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#6

Aniline

Concen: 24.22 ng

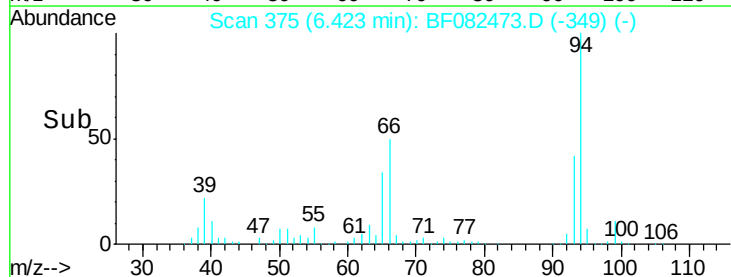
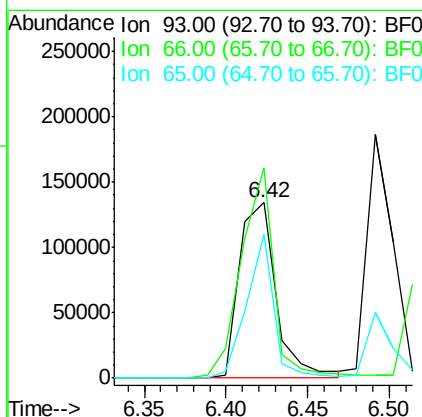
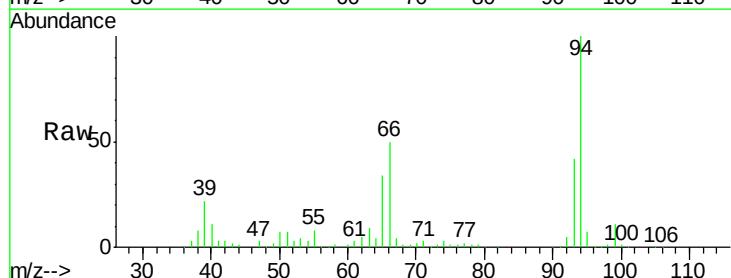
RT: 6.42 min Scan# 375

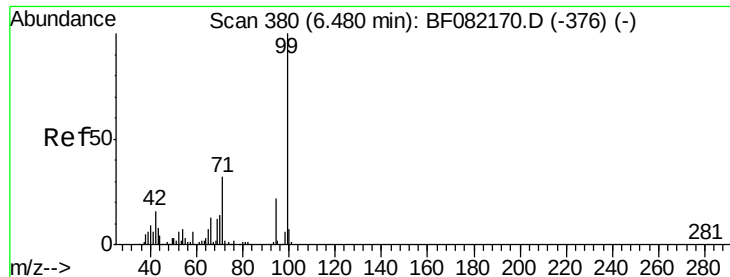
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	210279		
66	119.7	34.2	51.2#	
65	81.6	17.9	26.9#	





#7

Phenol-d6

Concen: 116.17 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF082473.D

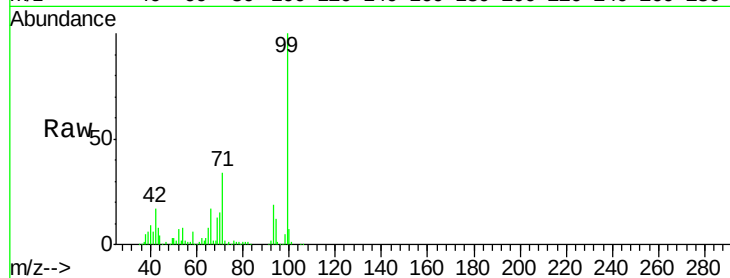
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Instrument :

BNA_F

ClientSampleId :

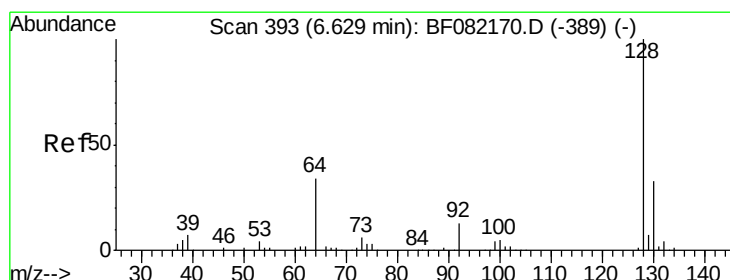
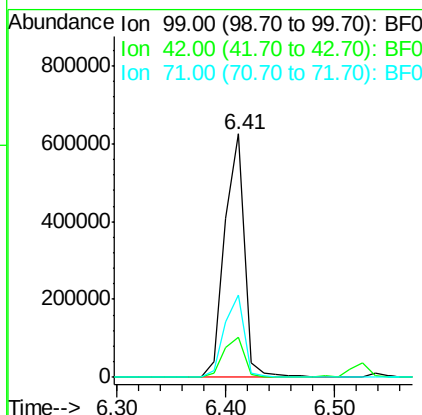
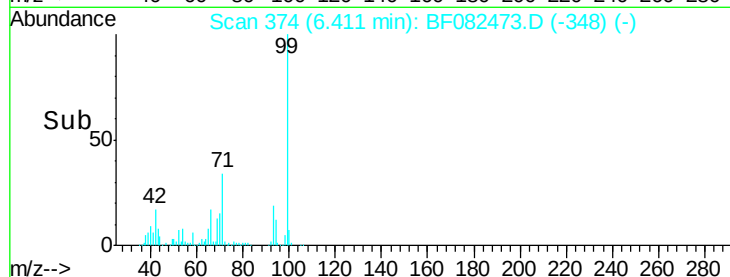
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Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.2	19.8
71	33.8	25.6	38.4

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#8

2-Chlorophenol

Concen: 36.01 ng

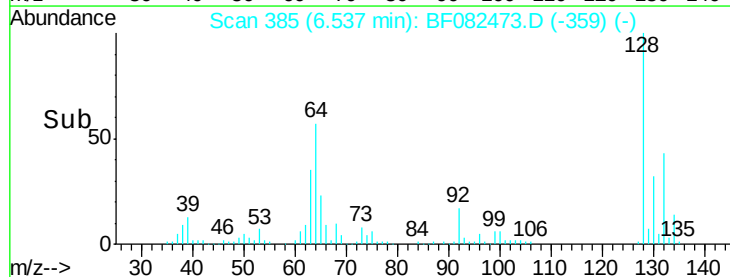
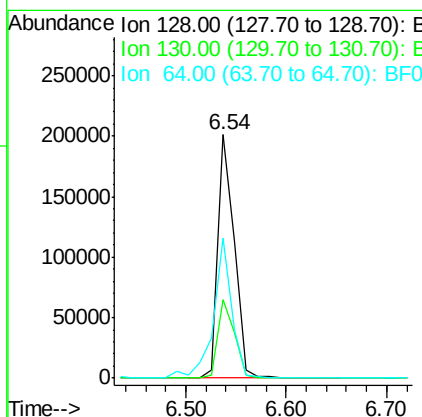
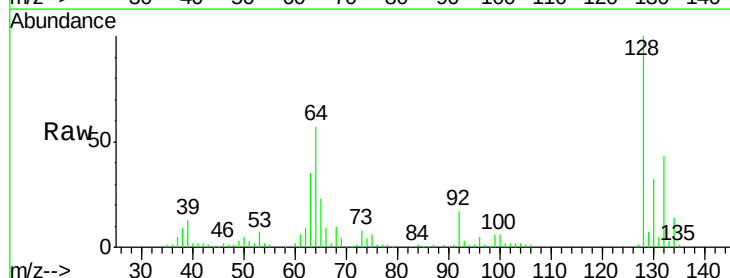
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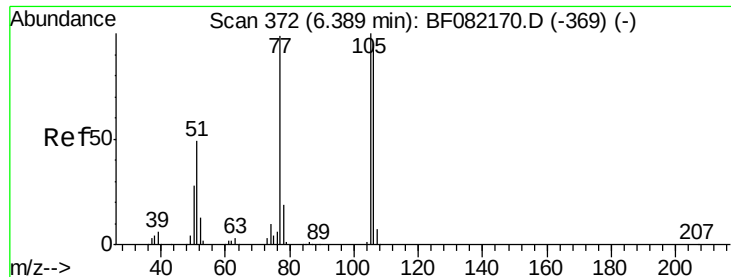
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	57.3	16.7	56.7#





#9

Benzaldehyde

Concen: 25.61 ng

RT: 6.30 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

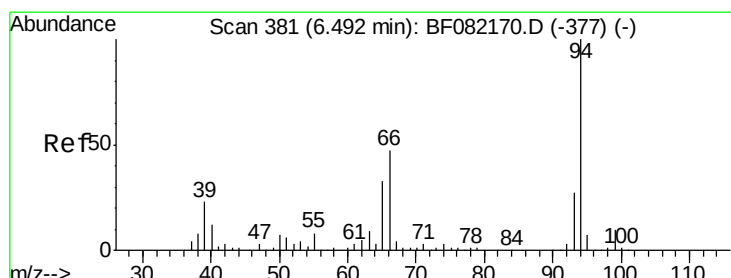
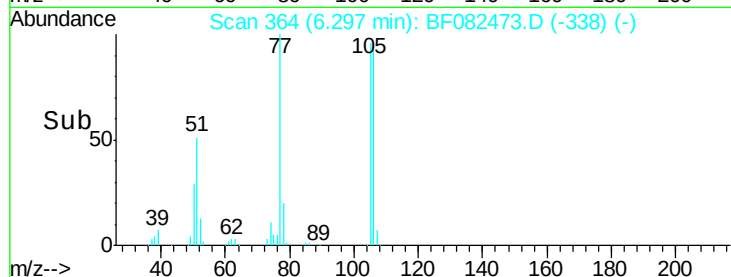
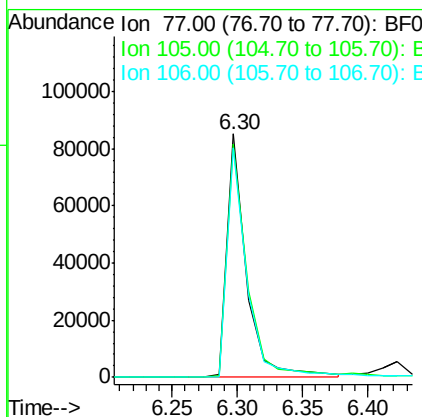
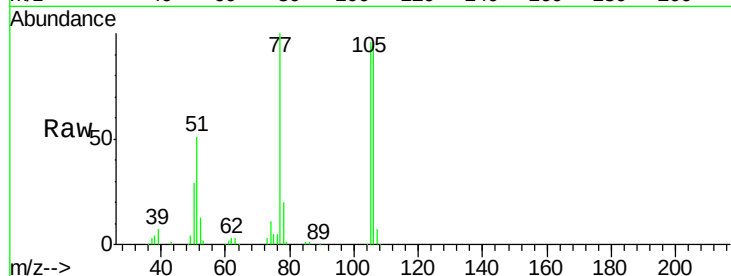
ClientSampleId :

PB86215BS

Tgt Ion: 77 Resp: 88042
 Ion Ratio Lower Upper
 77 100
 105 95.9 80.6 120.6
 106 94.3 75.5 115.5

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#10

Phenol

Concen: 39.31 ng

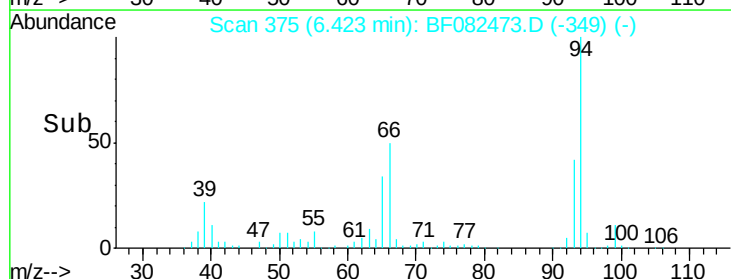
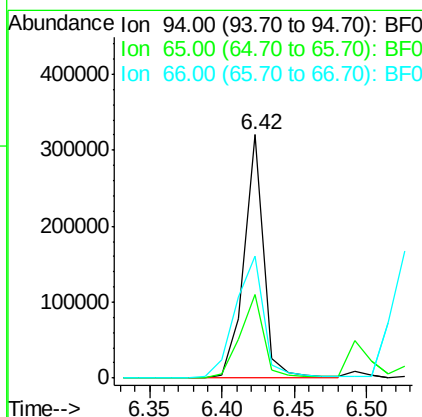
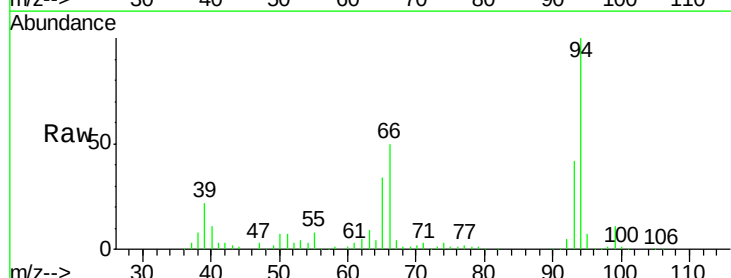
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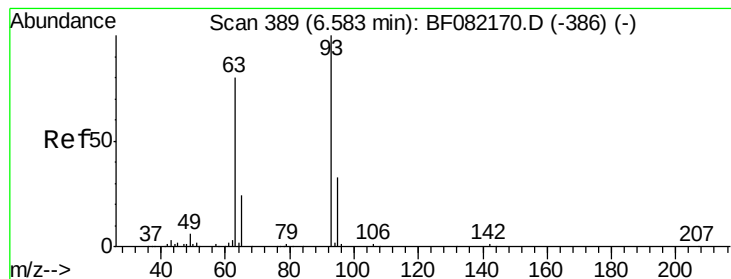
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion: 94 Resp: 305128
 Ion Ratio Lower Upper
 94 100
 65 34.2 12.6 52.6
 66 50.2 27.3 67.3





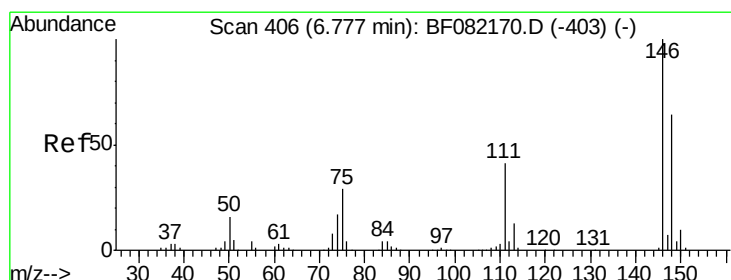
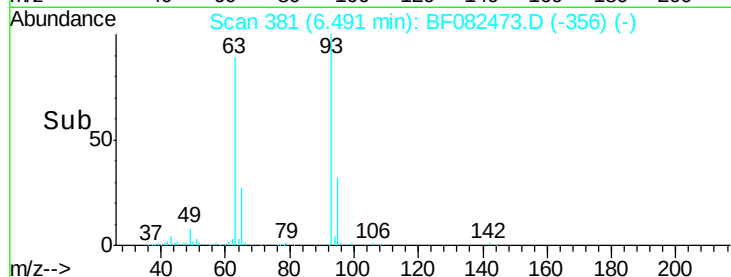
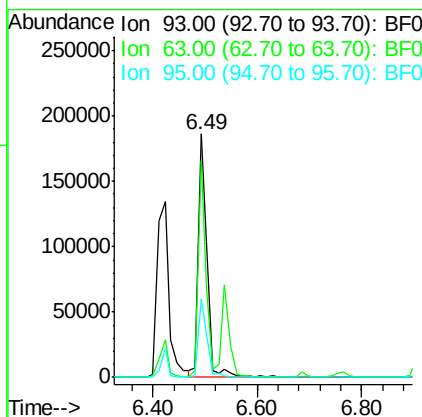
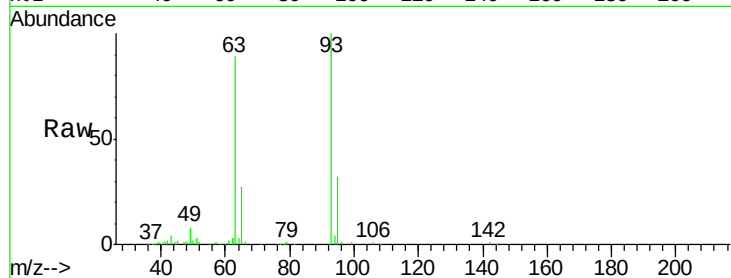
#11
bis(2-Chloroethyl)ether
Concen: 33.75 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	89.1	57.1	97.1
95	32.4	11.9	51.9

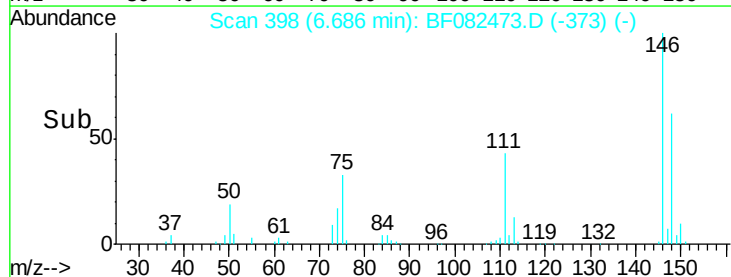
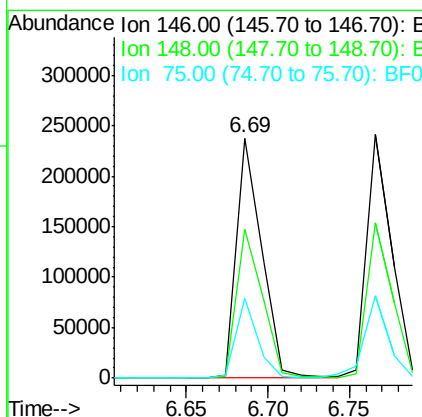
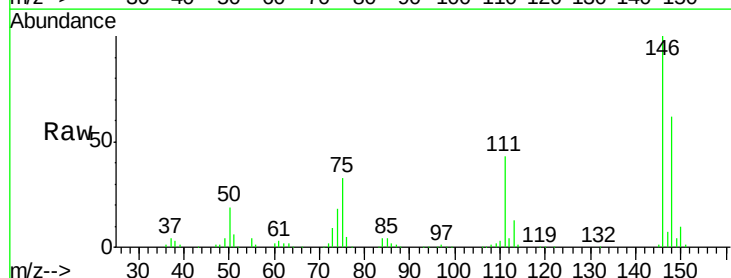
Manual Integrations
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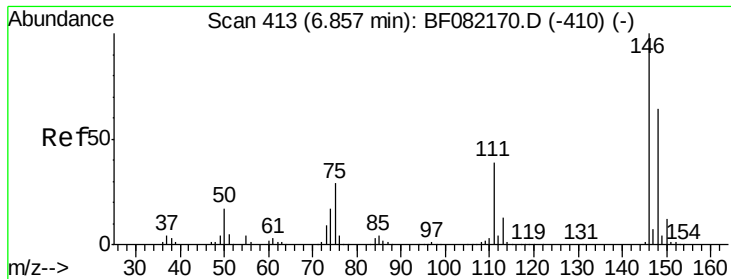
MmDadoda
10/26/2015 7:22:10 PM



#12
1,3-Dichlorobenzene
Concen: 34.50 ng
RT: 6.69 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.0	51.4	77.2
75	33.0	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 33.72 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

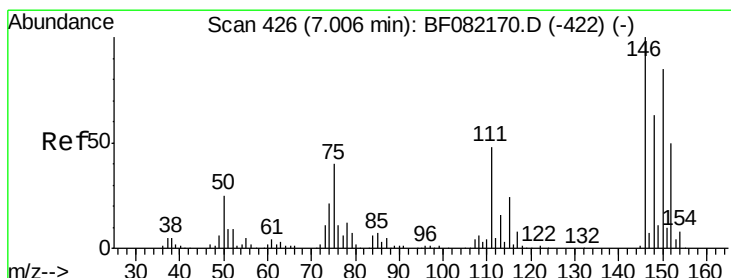
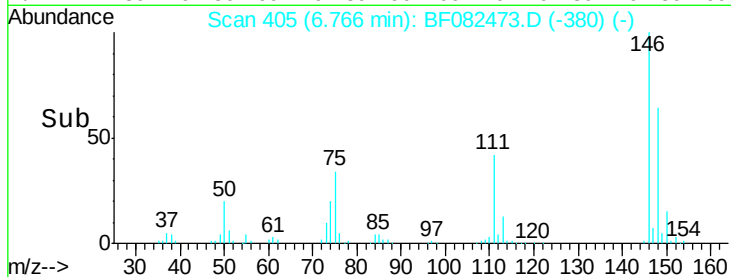
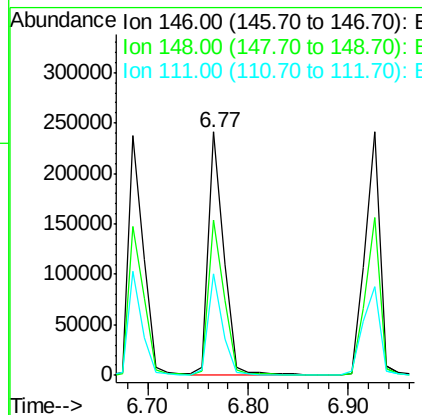
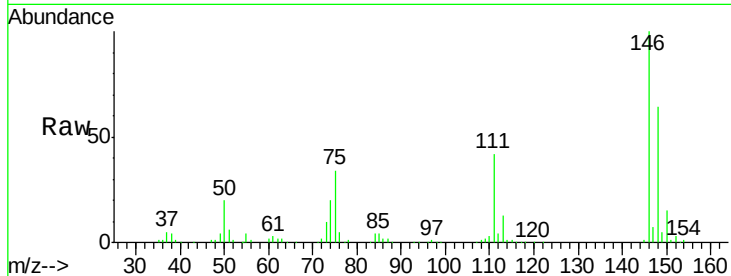
ClientSampleId :

PB86215BS

Tgt Ion:	146	Resp:	259015
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.4
111	41.7	31.1	46.7

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#14

1,2-Dichlorobenzene

Concen: 34.28 ng m

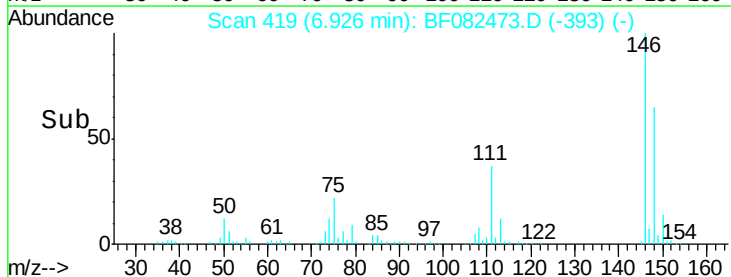
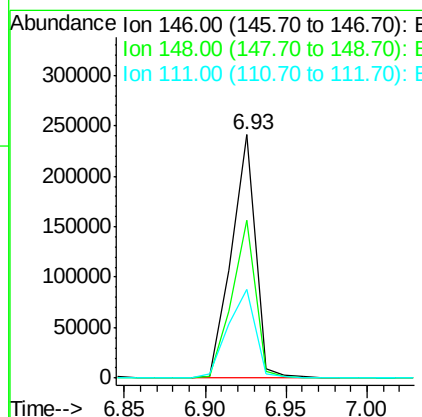
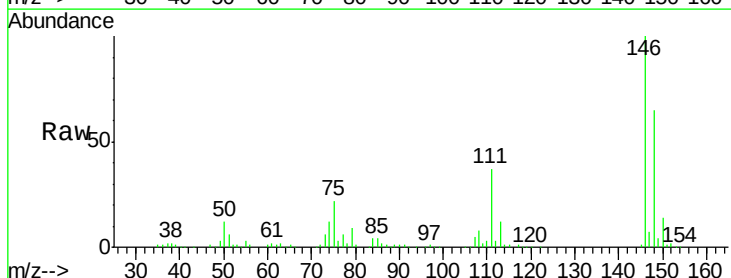
RT: 6.93 min Scan# 419

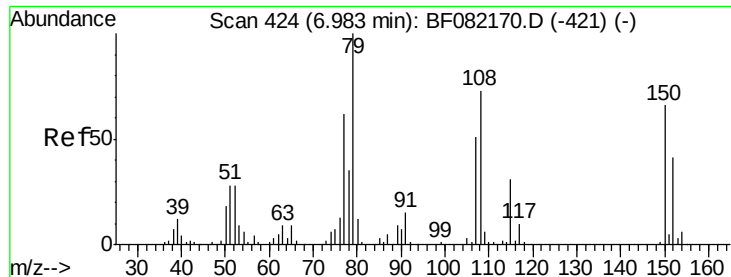
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion:	146	Resp:	250030
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.5	75.7
111	36.7	38.5	57.7#





#15

Benzyl Alcohol

Concen: 38.90 ng

RT: 6.91 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

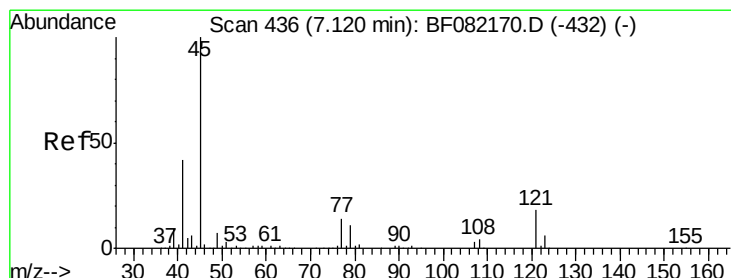
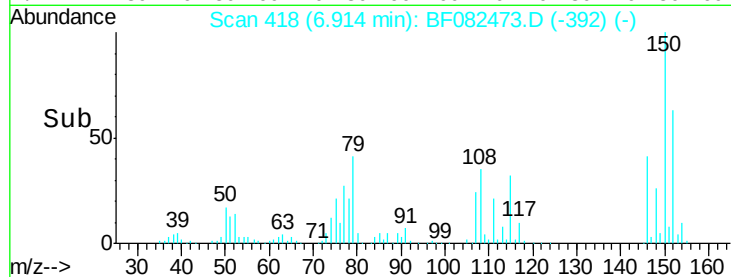
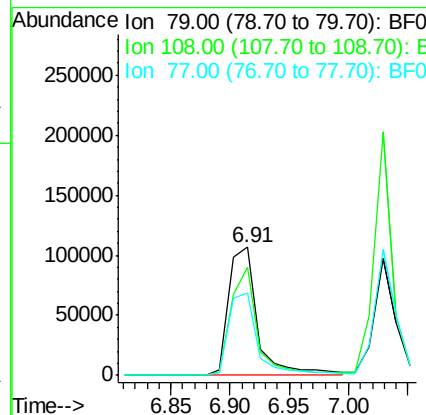
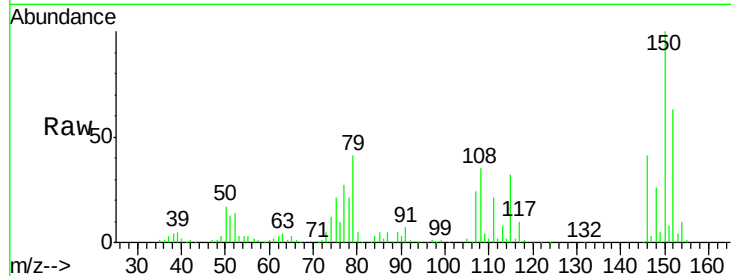
ClientSampleId :

PB86215BS

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Tgt Ion:	79	Resp:	180804
Ion Ratio	Lower	Upper	
79	100		
108	84.9	58.4	87.6
77	64.4	49.8	74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.61 ng

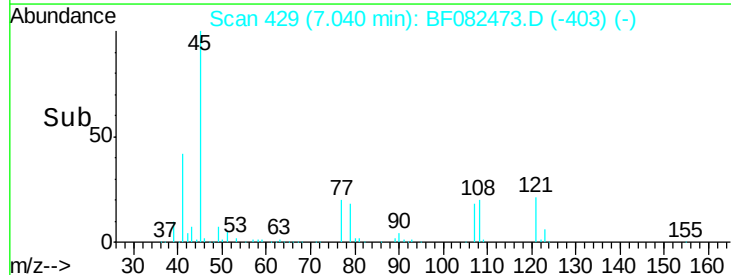
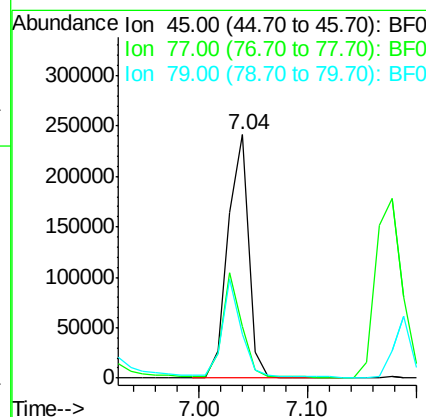
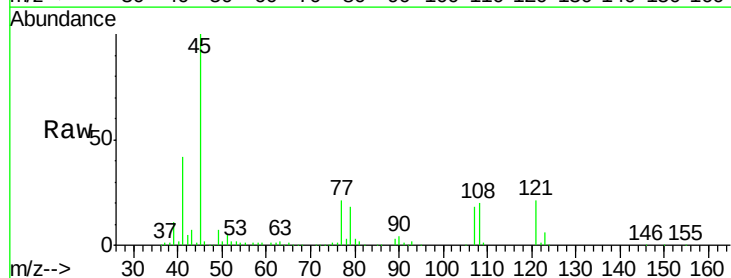
RT: 7.04 min Scan# 429

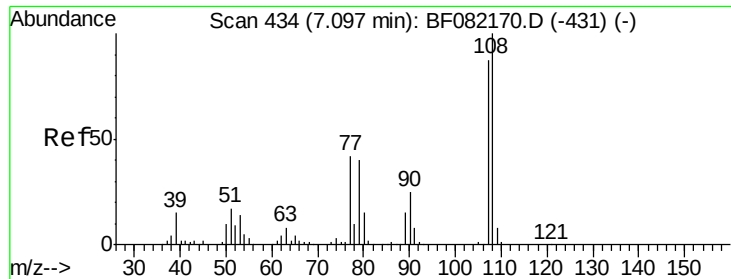
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion:	45	Resp:	316376
Ion Ratio	Lower	Upper	
45	100		
77	21.1	0.0	34.5
79	18.1	0.0	31.6





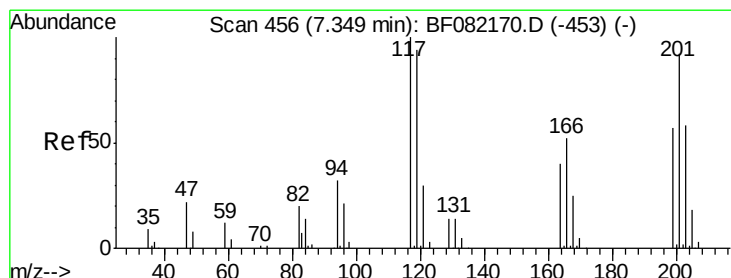
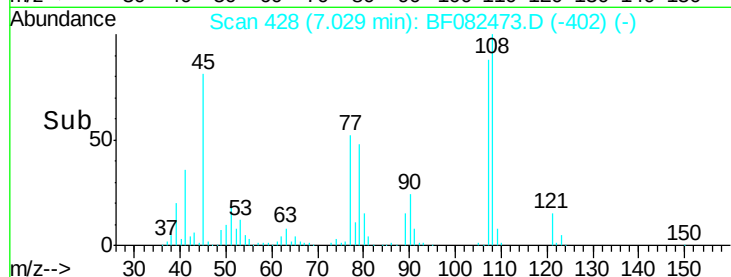
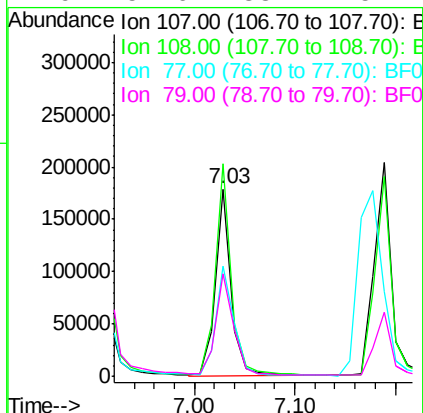
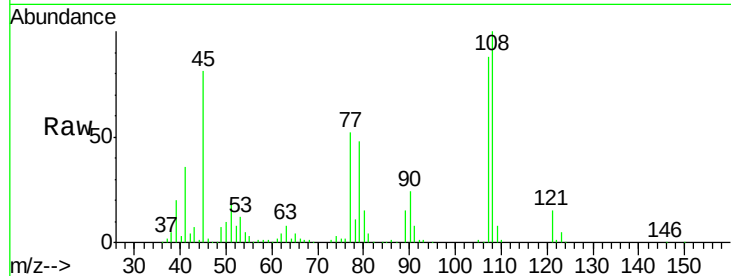
#17
2-Methylphenol
Concen: 38.42 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	191870		
108	113.4	92.2	138.2	
77	58.8	39.6	59.4	
79	54.6	38.2	57.4	

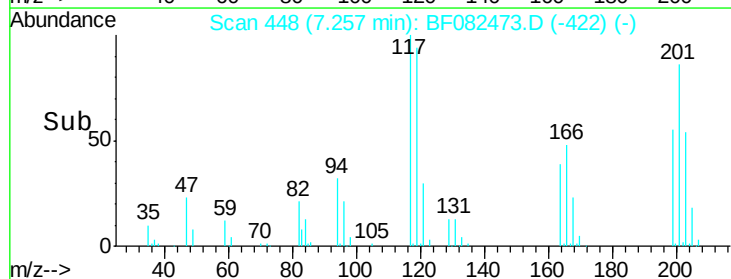
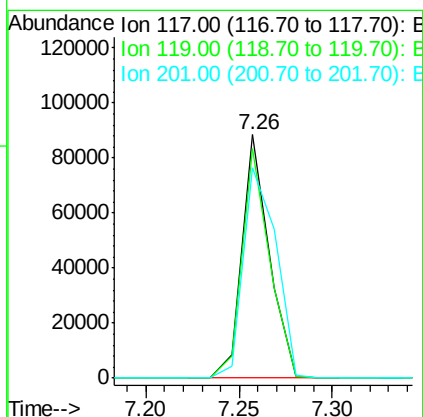
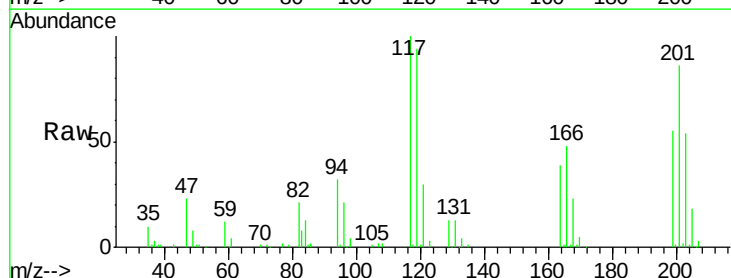
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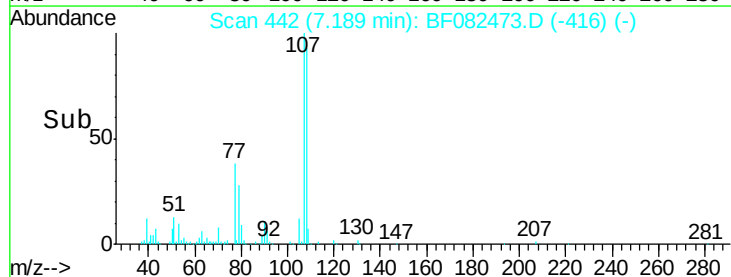
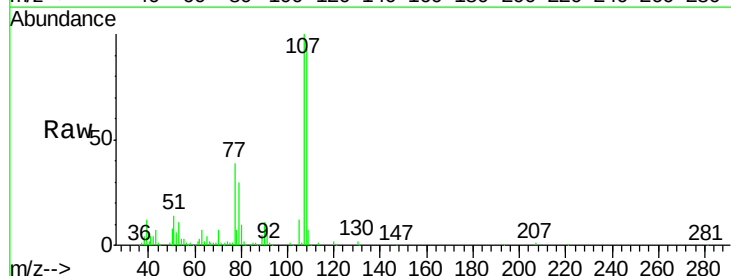
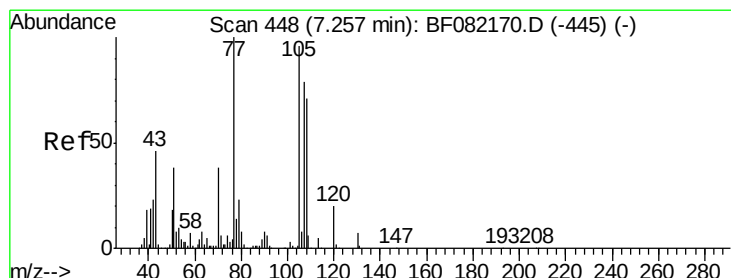
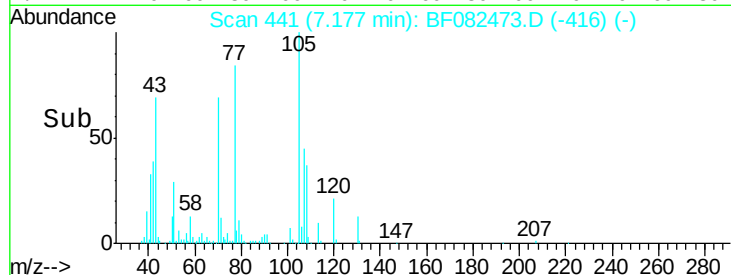
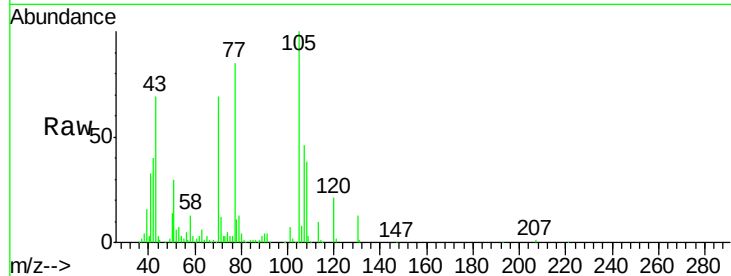
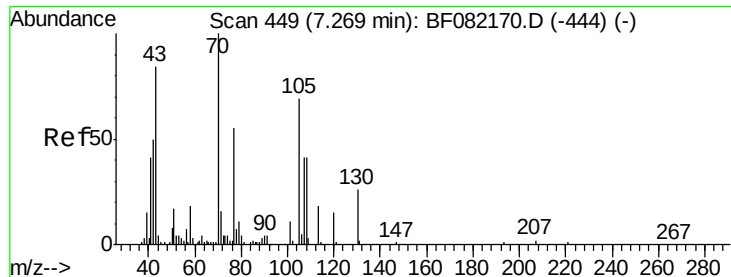
MmDadoda
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#18
Hexachloroethane
Concen: 34.03 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	89485		
119	94.4	75.4	113.2	
201	86.2	73.4	110.0	





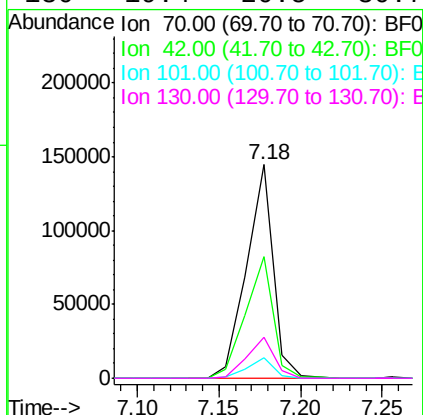
#19
n-Nitroso-di-n-propylamine
Concen: 34.71 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.2	39.8	59.8
101	9.6	8.6	13.0
130	19.4	20.5	30.7#

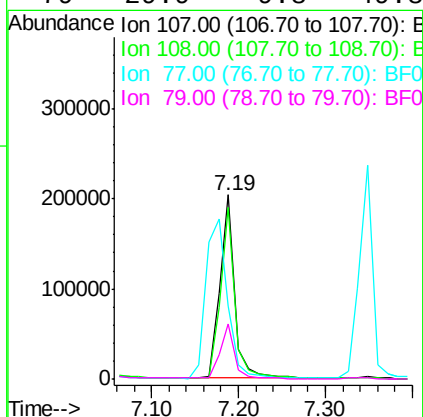
Manual Integrations
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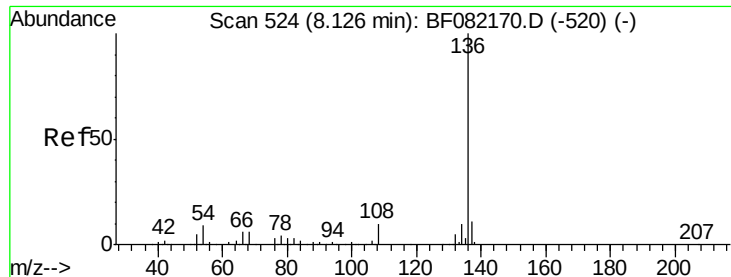
MmDadoda
10/26/2015 7:22:10 PM



#20
3+4-Methylphenols
Concen: 41.13 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	69.9	109.9
77	39.5	106.0	146.0#
79	29.9	9.8	49.8





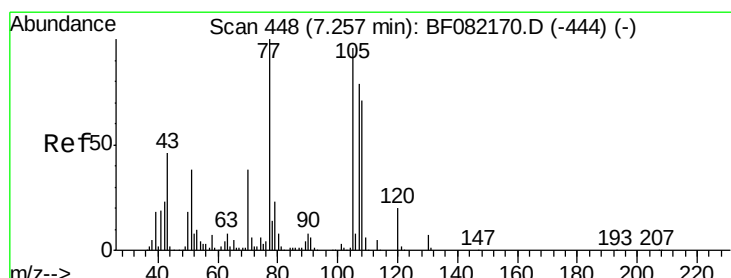
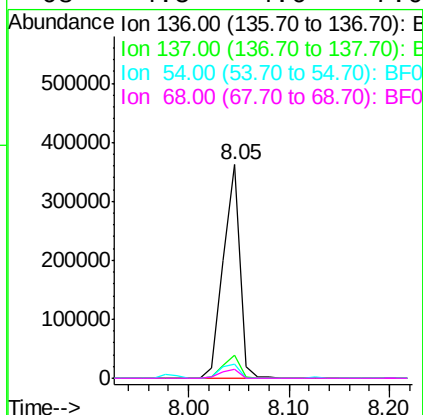
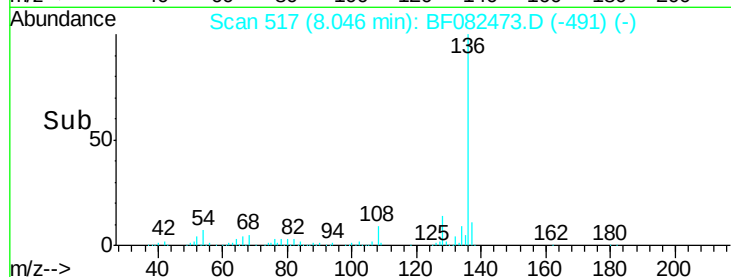
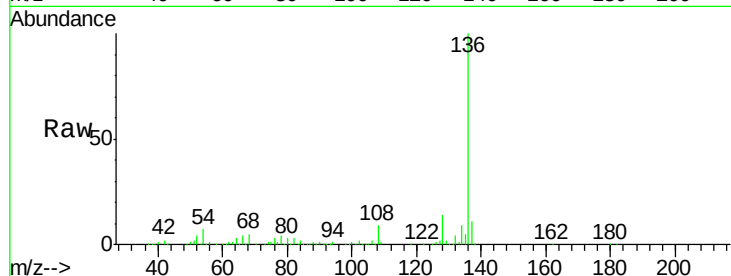
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	413959		
137	11.0	9.0	13.6	
54	6.9	7.5	11.3#	
68	4.5	4.6	7.0#	

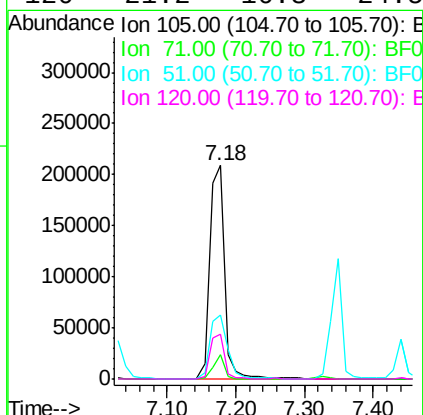
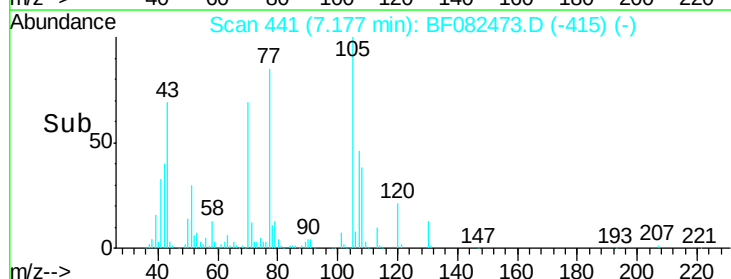
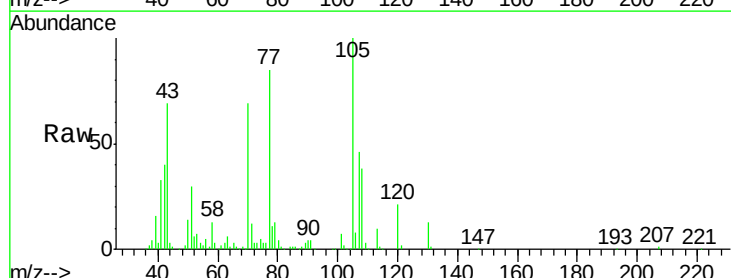
Manual Integrations
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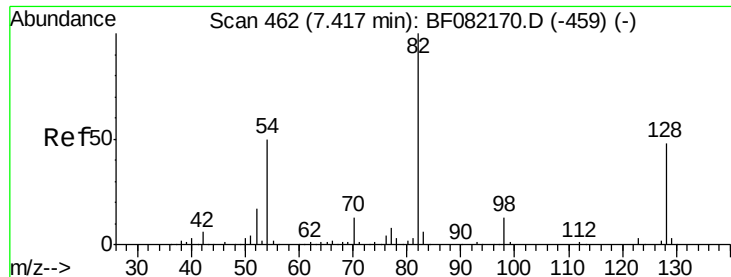
MmDadoda
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#22
Acetophenone
Concen: 38.75 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	317277		
71	11.7	5.4	8.0#	
51	29.9	31.8	47.6#	
120	21.2	16.3	24.5	





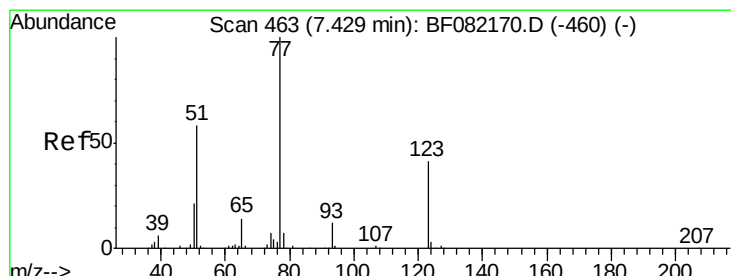
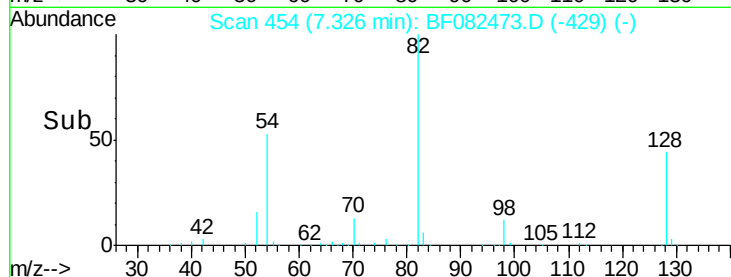
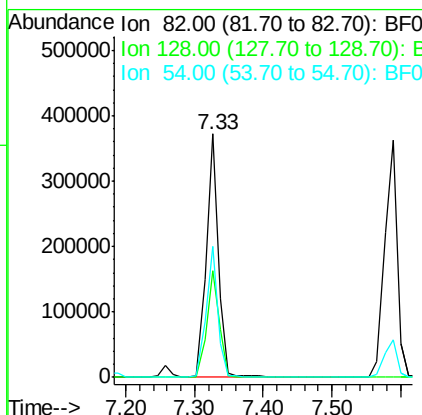
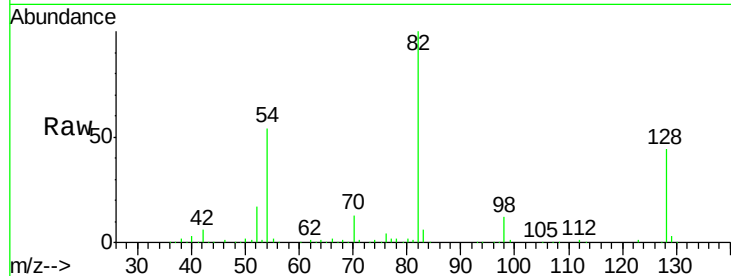
#23
 Nitrobenzene-d5
 Concen: 74.71 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	38.7	58.1
54	53.8	40.1	60.1

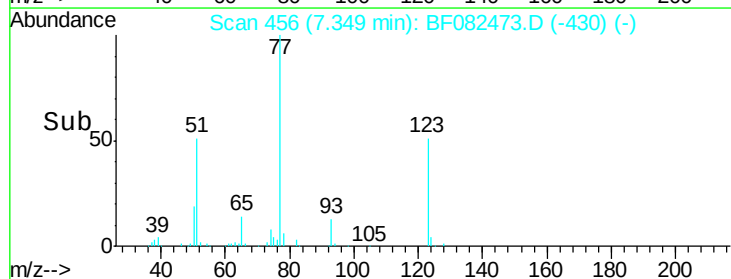
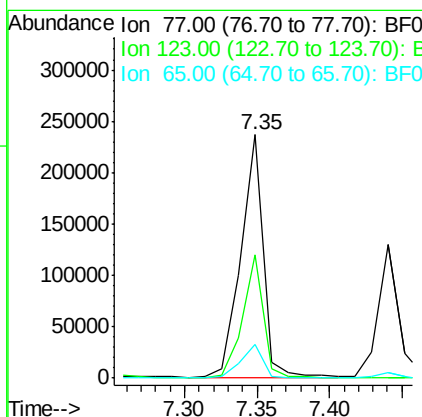
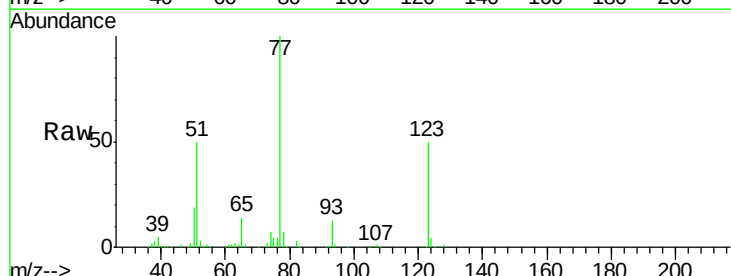
Manual Integrations
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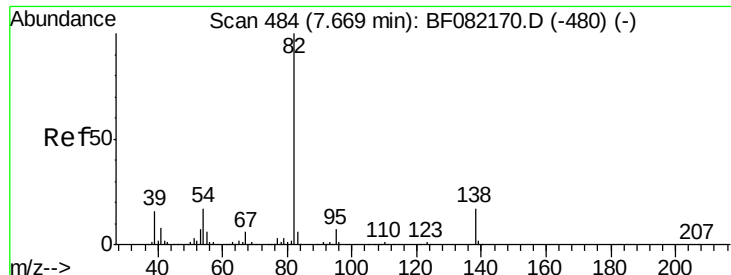
MmDadoda
 10/26/2015 7:22:10 PM



#24
 Nitrobenzene
 Concen: 37.62 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	33.0	49.4#
65	13.6	11.2	16.8





#25

Isophorone

Concen: 36.57 ng

RT: 7.59 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF082473.D

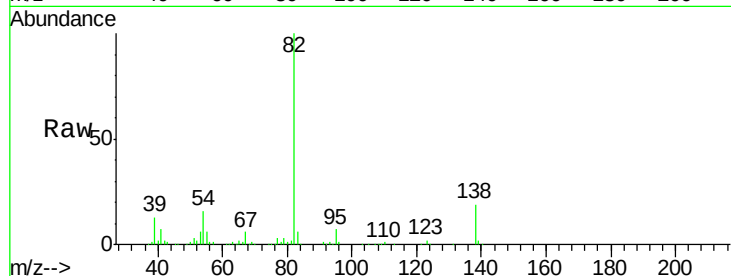
Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

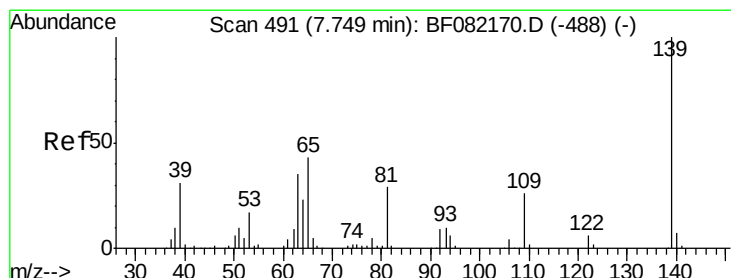
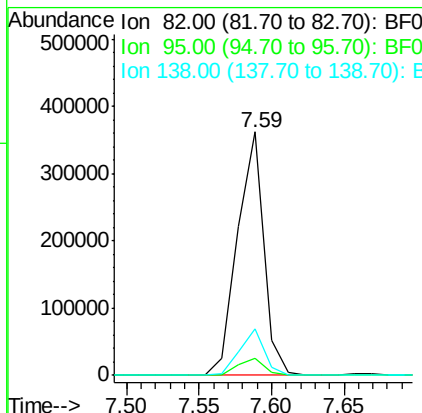
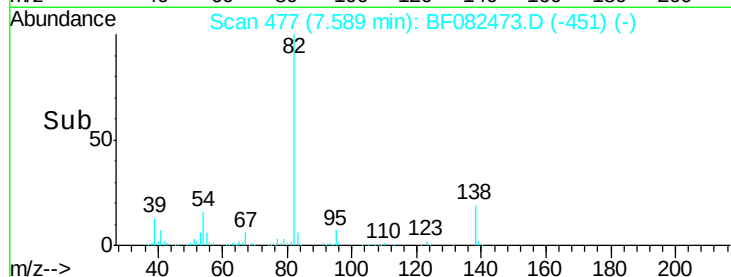
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Tgt Ion	82	95	138
Ratio	100	7.1	19.1
Lower		5.6	13.6
Upper		8.4	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.25 ng

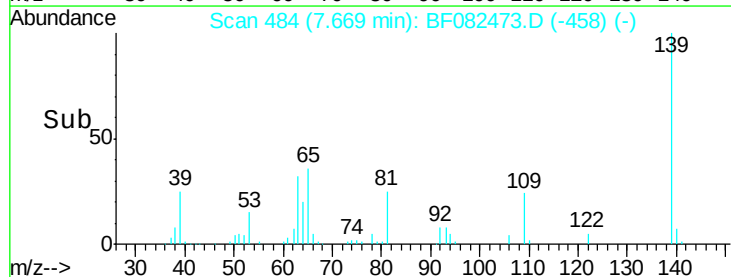
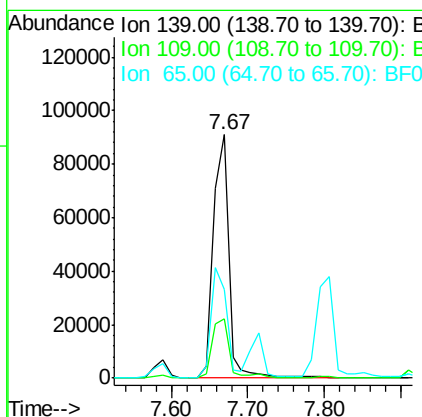
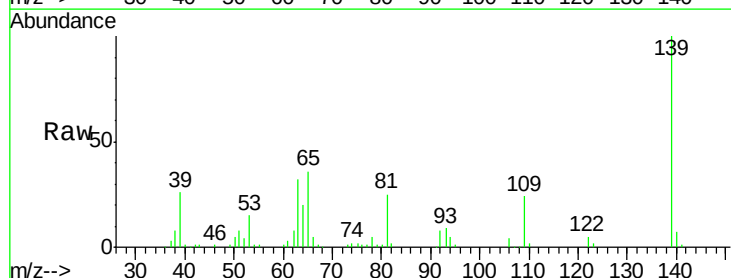
RT: 7.67 min Scan# 484

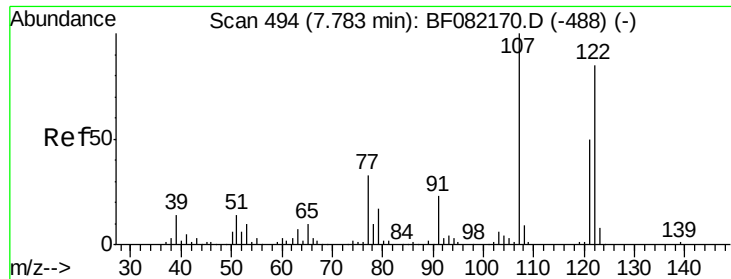
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion	139	109	65
Ratio	100	24.4	36.4
Lower		20.6	34.3
Upper		31.0	51.5





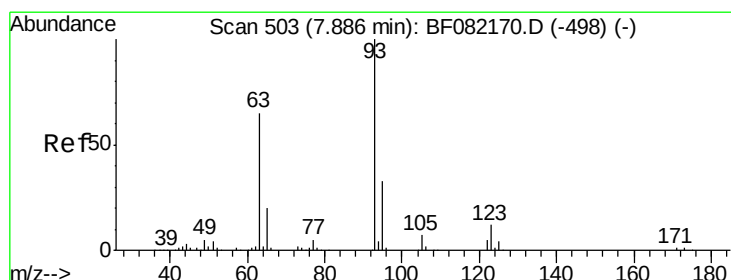
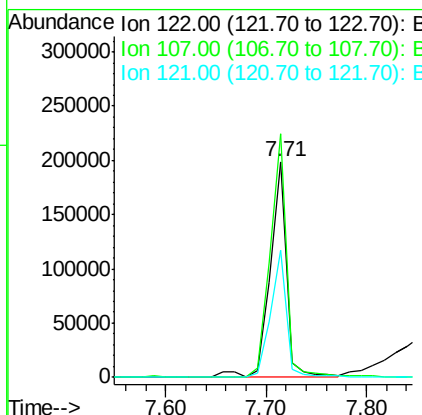
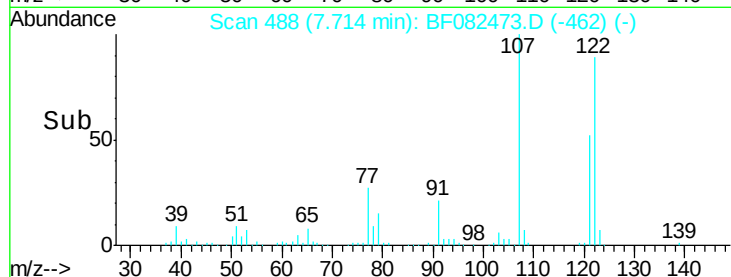
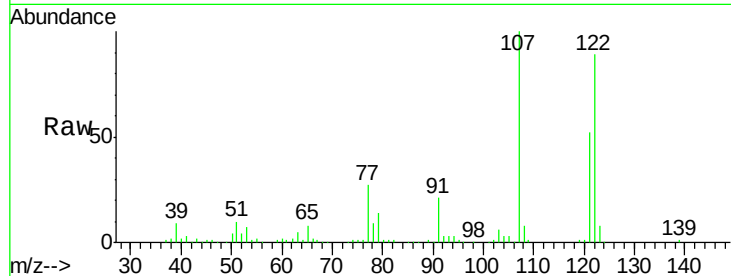
#27
 2,4-Dimethylphenol
 Concen: 41.98 ng
 RT: 7.71 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	225316		
107	112.8	94.0	141.0	
121	58.8	46.8	70.2	

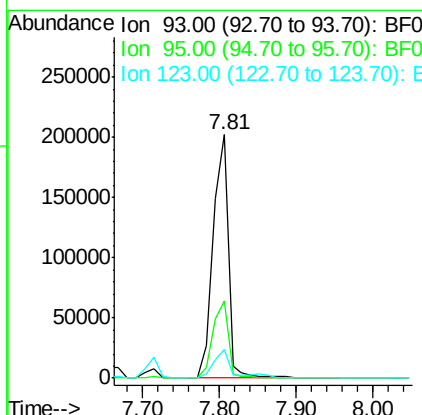
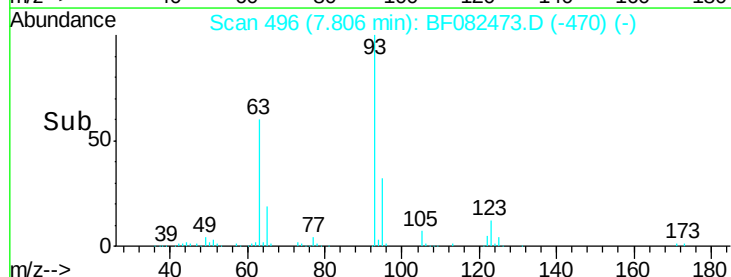
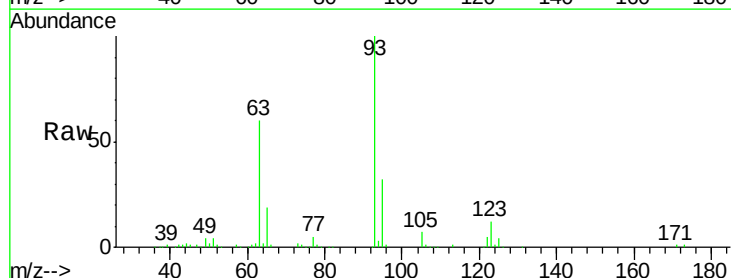
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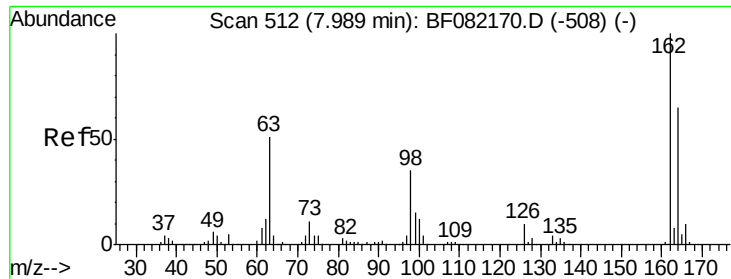
MmDadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.31 ng
 RT: 7.81 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	277293		
95	31.8	26.6	39.8	
123	11.9	9.5	14.3	





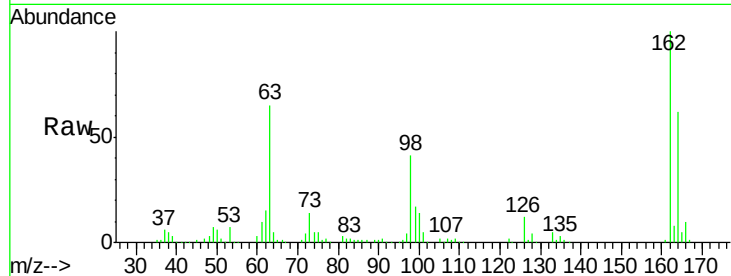
#29
 2,4-Dichlorophenol
 Concen: 39.52 ng
 RT: 7.91 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

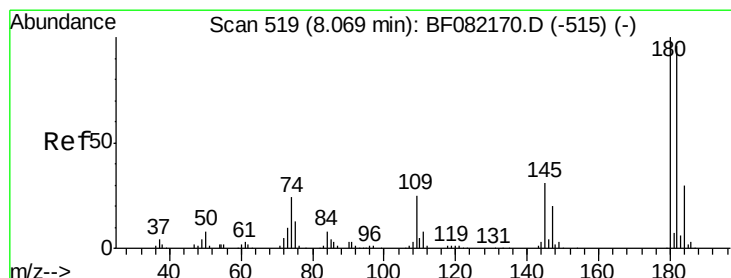
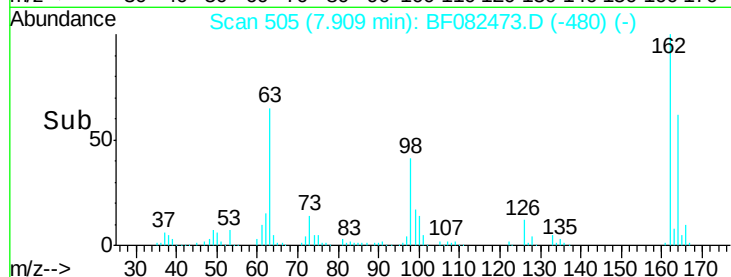
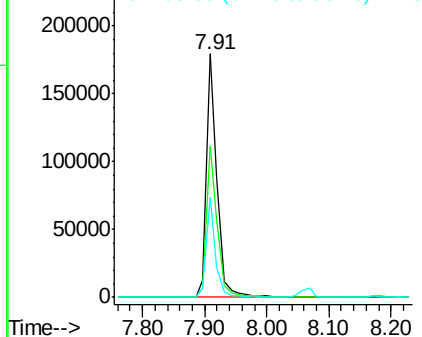
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	212044		
164	62.5	44.6	84.6	
98	41.1	15.0	55.0	

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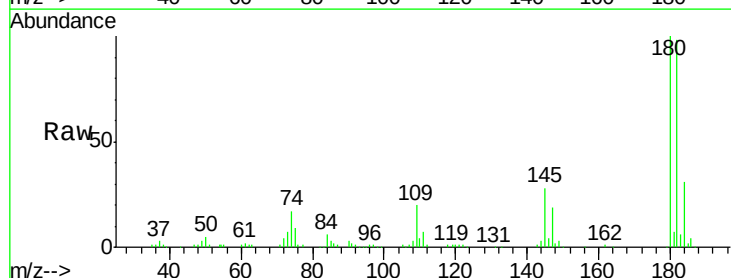


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

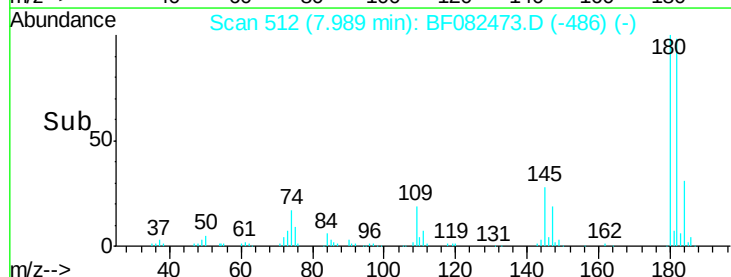
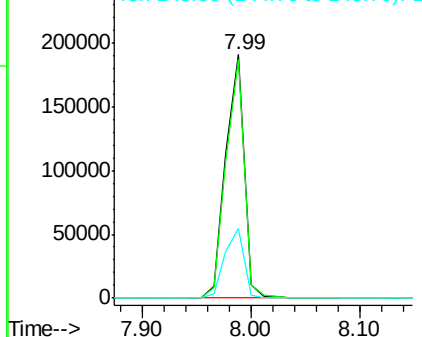


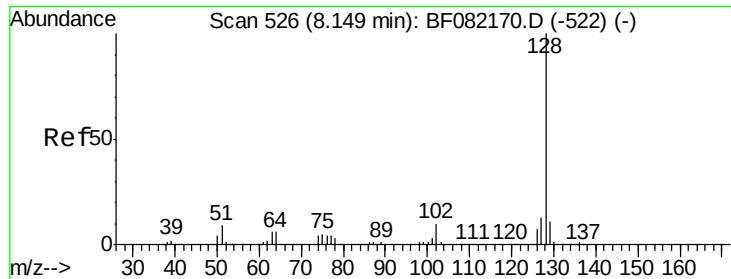
#30
 1,2,4-Trichlorobenzene
 Concen: 36.39 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	225075		
182	98.0	77.0	115.4	
145	28.4	25.0	37.4	



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





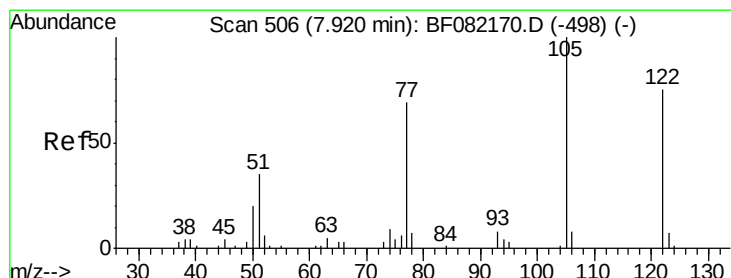
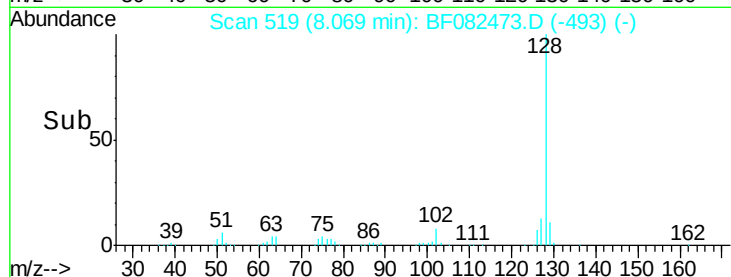
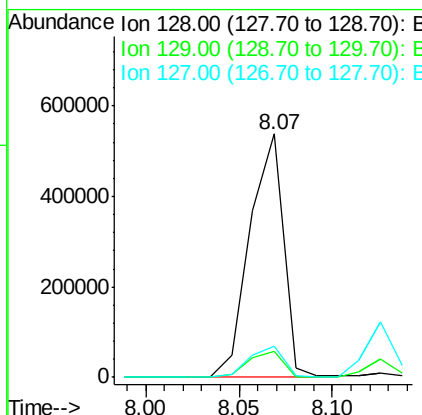
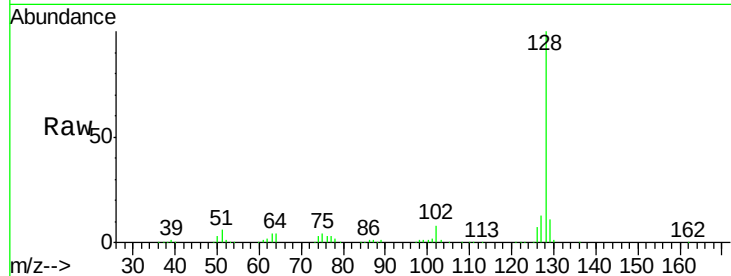
#31
Naphthalene
Concen: 37.57 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	674137		
129	10.9	9.1	13.7	
127	12.8	10.7	16.1	

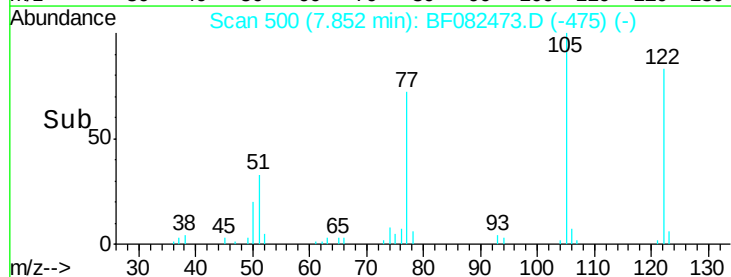
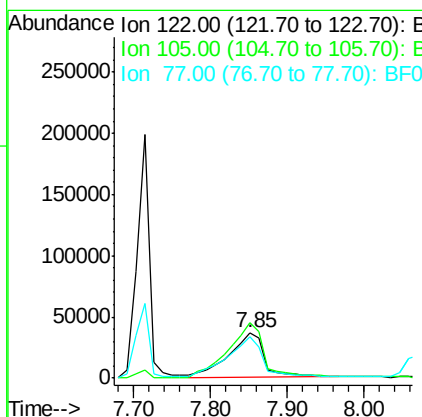
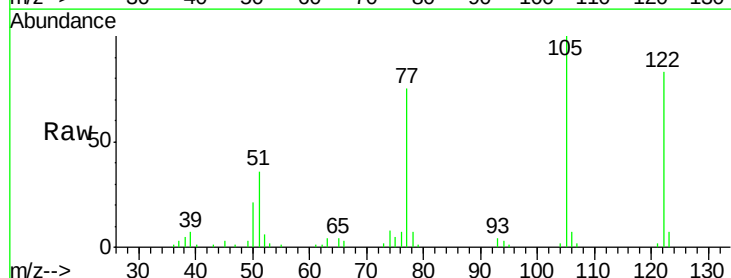
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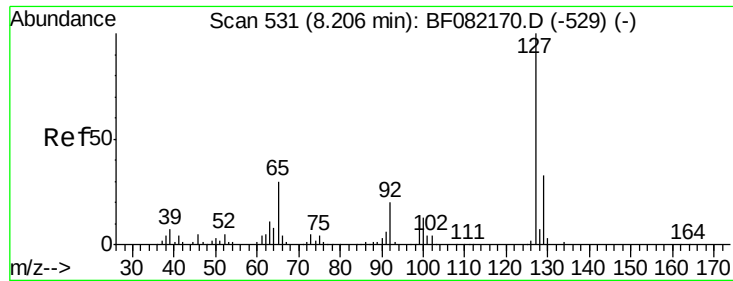
MmDadoda
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#32
Benzoic acid
Concen: 31.99 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	115244		
105	121.0	104.4	144.4	
77	91.0	69.0	109.0	





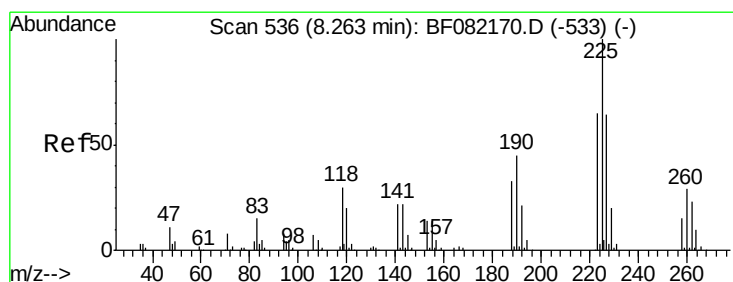
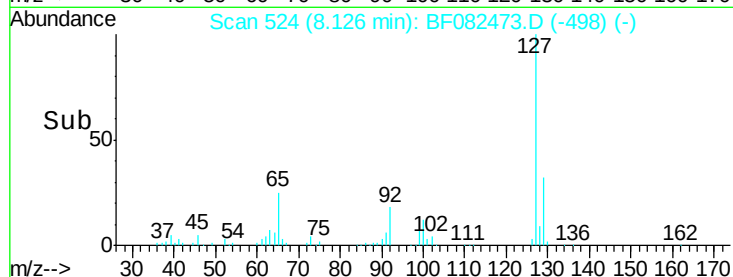
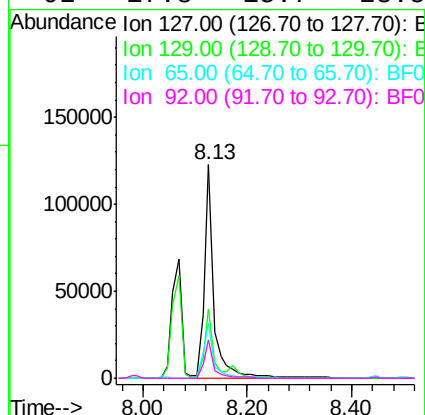
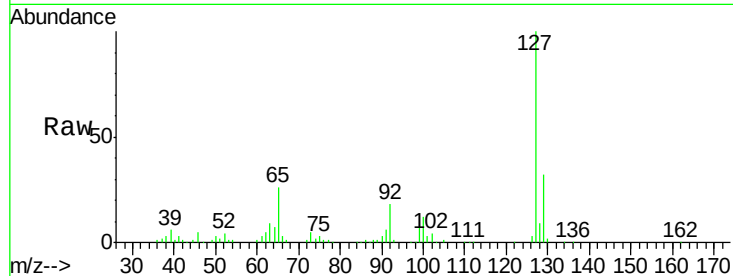
#33
4-Chloroaniline
Concen: 20.76 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		154720		
129	32.2	26.3	39.5		
65	26.0	24.4	36.6		
92	17.8	15.7	23.5		

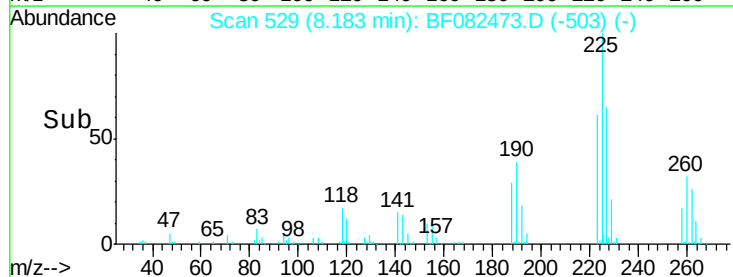
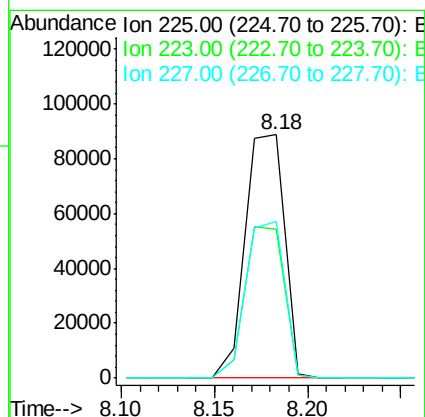
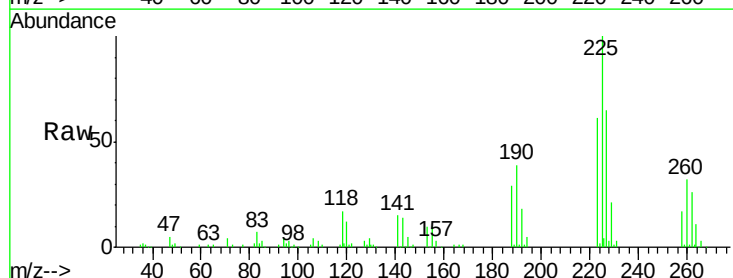
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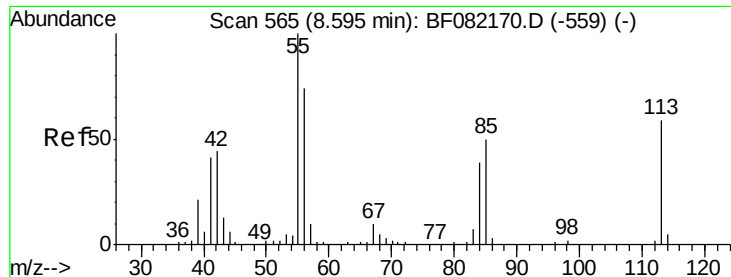
MmDadoda
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#34
Hexachlorobutadiene
Concen: 33.61 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		129531		
223	61.1	52.2	78.2		
227	64.6	51.3	76.9		





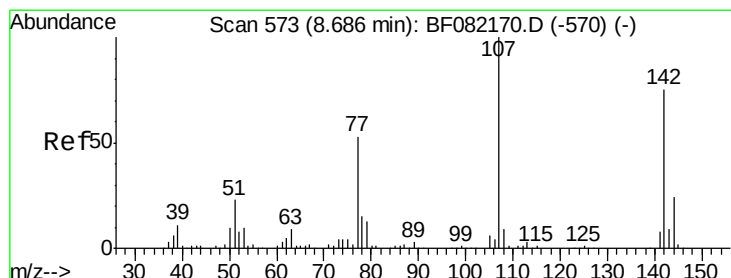
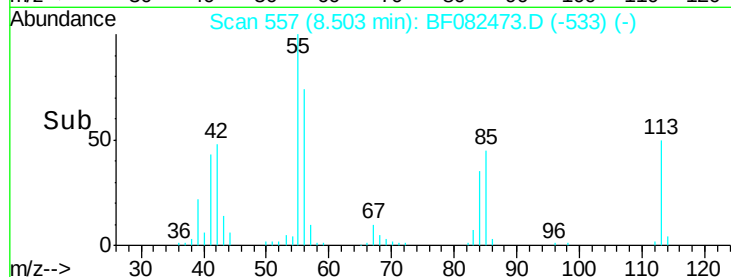
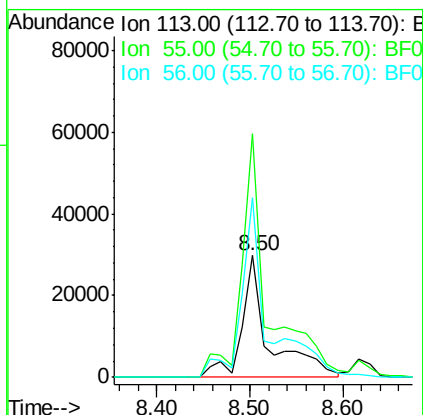
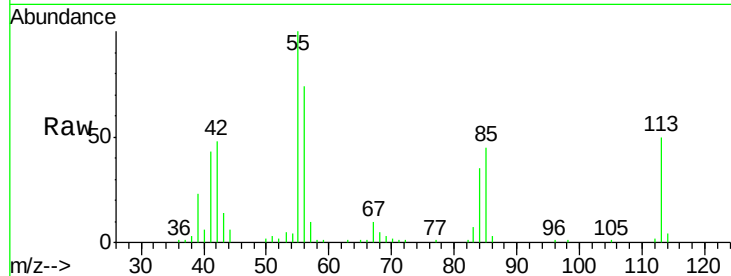
#35
 Caprolactam
 Concen: 39.03 ng
 RT: 8.50 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion:113 Resp: 60786
 Ion Ratio Lower Upper
 113 100
 55 200.0 149.7 189.7#
 56 147.0 105.4 145.4#

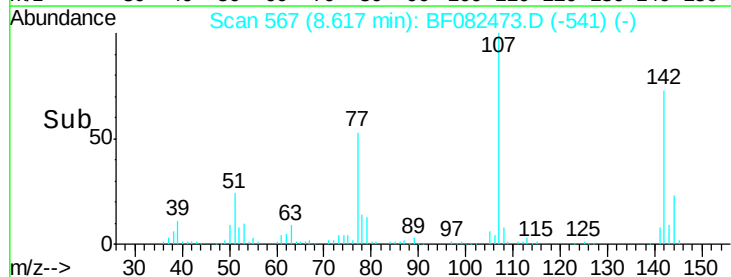
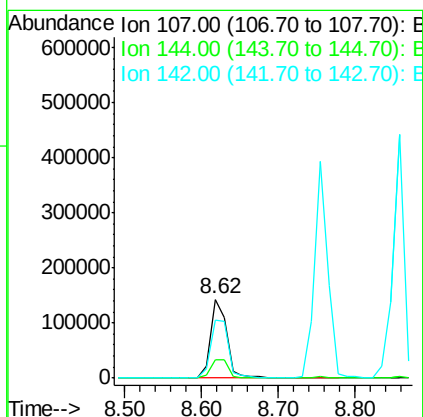
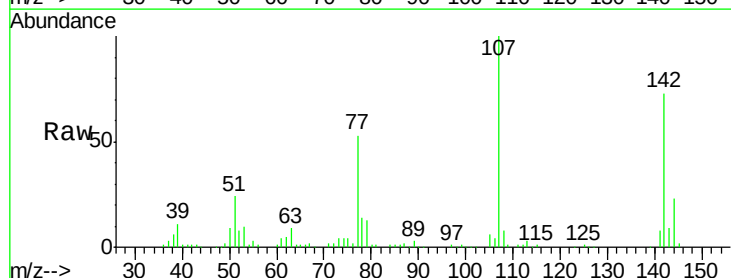
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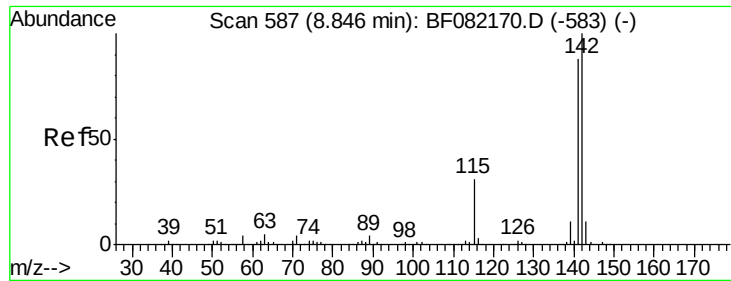
MmDadoda
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#36
 4-Chloro-3-methylphenol
 Concen: 39.92 ng
 RT: 8.62 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion:107 Resp: 209455
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.3 28.9
 142 72.7 59.9 89.9





#37

2-Methylnaphthalene

Concen: 37.43 ng

RT: 8.75 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF082473.D

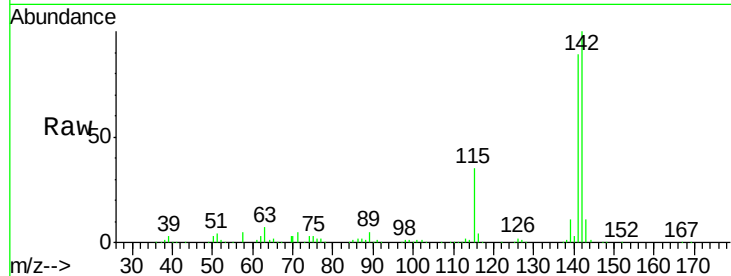
Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

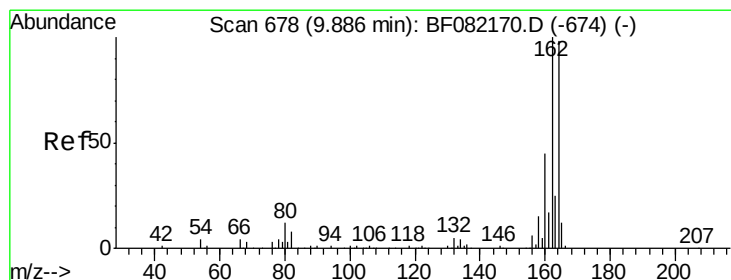
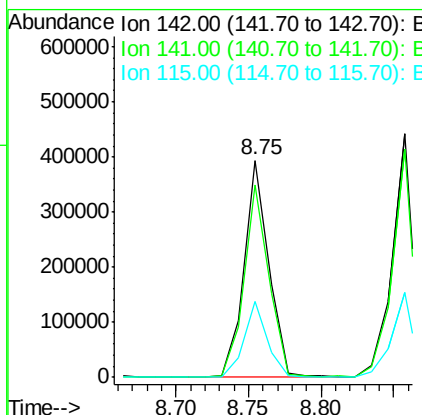
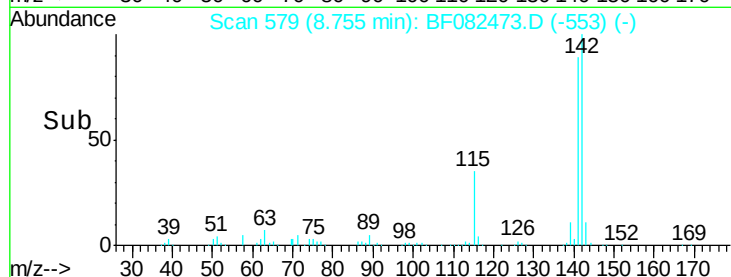
PB86215BS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	34.8	24.6	37.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

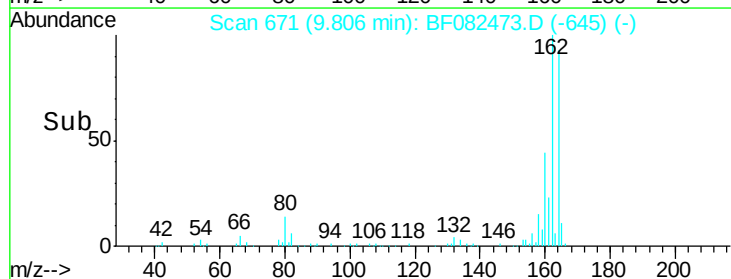
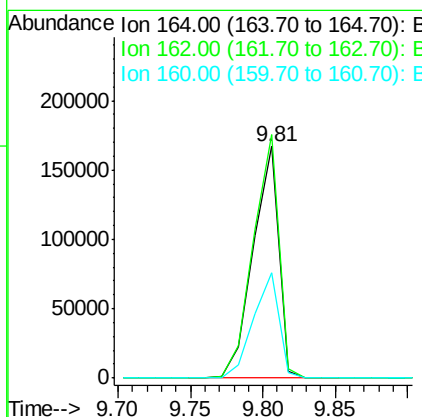
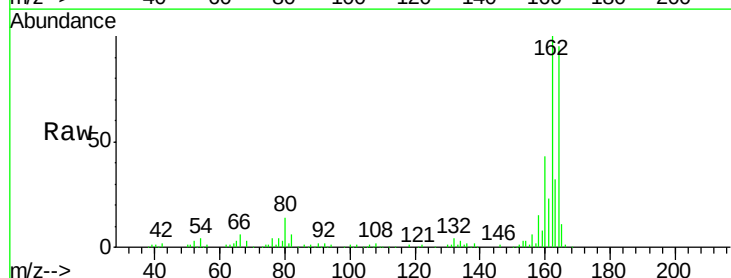
RT: 9.81 min Scan# 671

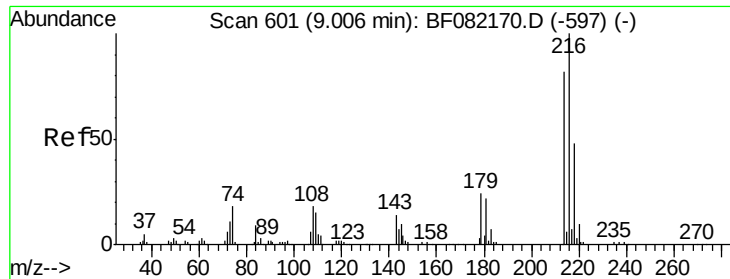
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.6	122.4
160	45.6	36.4	54.6





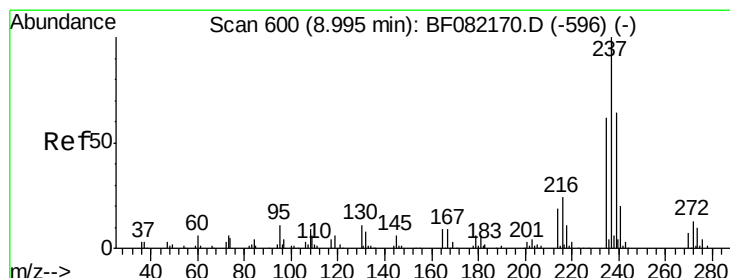
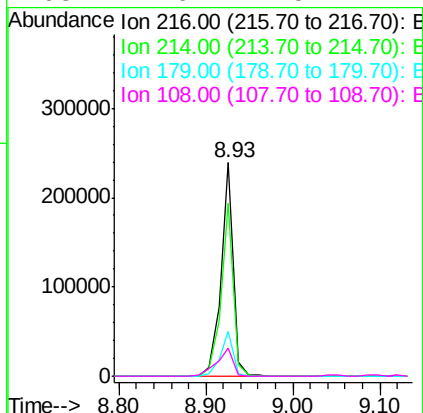
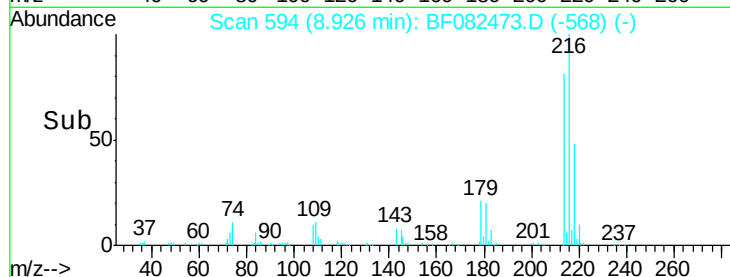
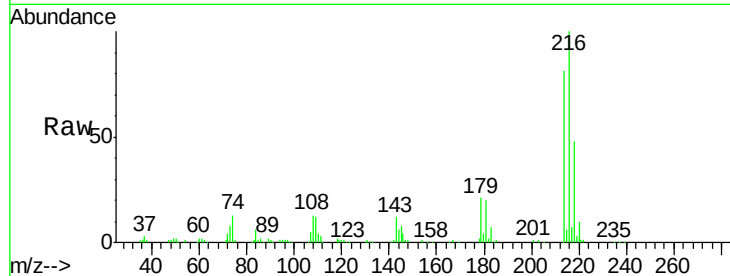
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.32 ng
 RT: 8.93 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	239811		
214	80.2	64.6	97.0	
179	21.3	17.6	26.4	
108	17.6	14.5	21.7	

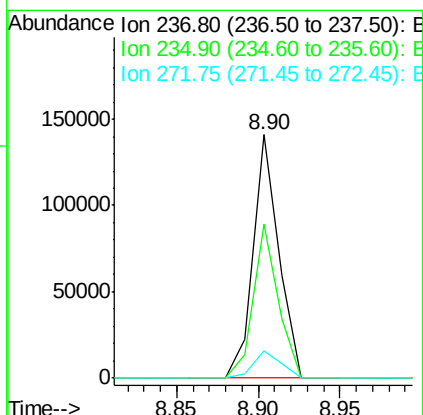
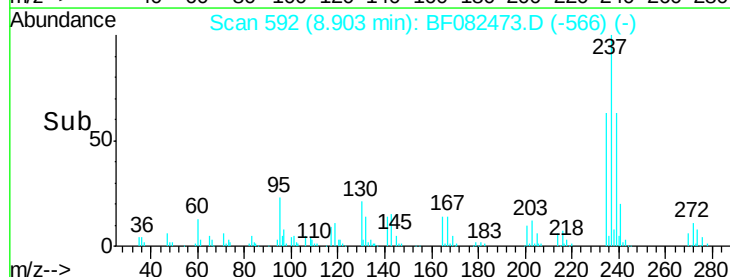
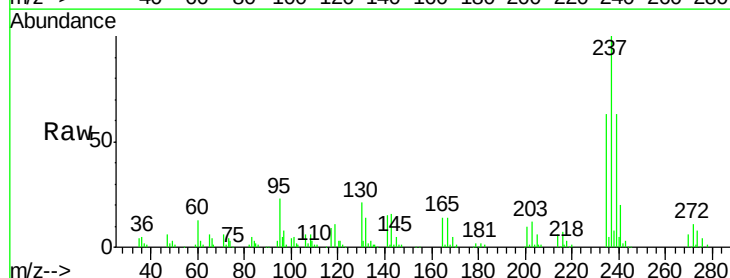
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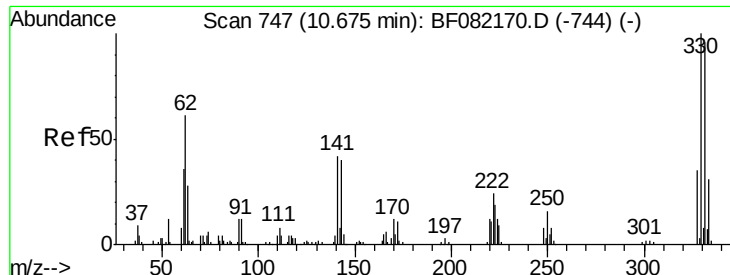
MmDadoda
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#40
 Hexachlorocyclopentadiene
 Concen: 52.92 ng
 RT: 8.90 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	153623		
235	63.0	41.7	81.7	
272	11.2	0.0	32.8	





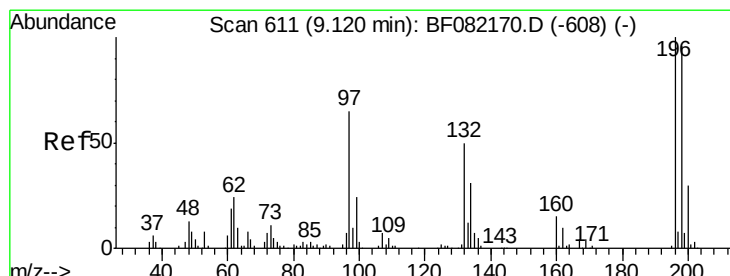
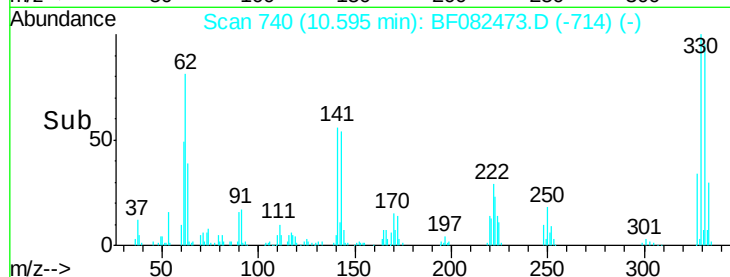
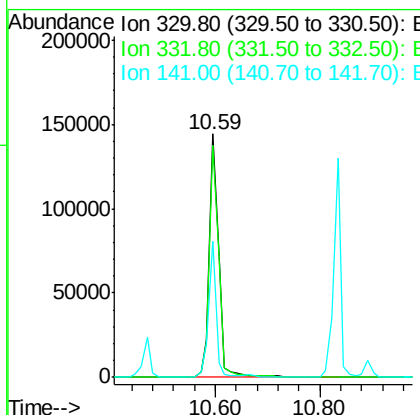
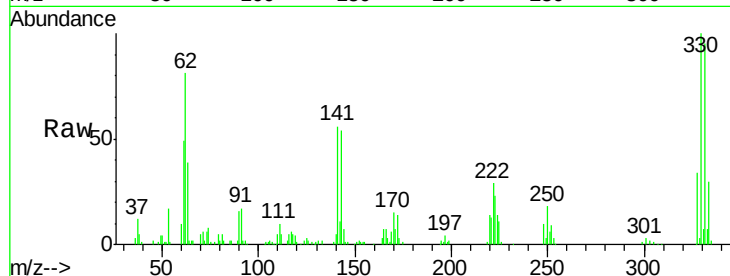
#41
 2,4,6-Tribromophenol
 Concen: 93.95 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	180648		
332	95.4	77.1	115.7	
141	44.6	29.8	44.8	

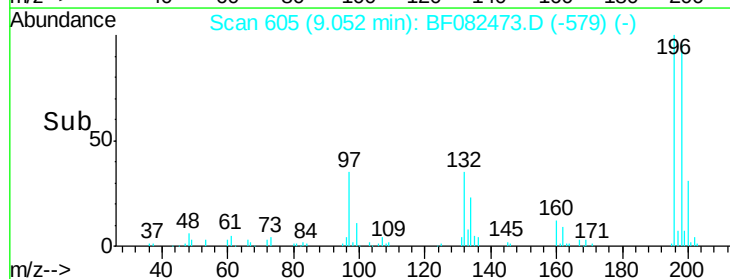
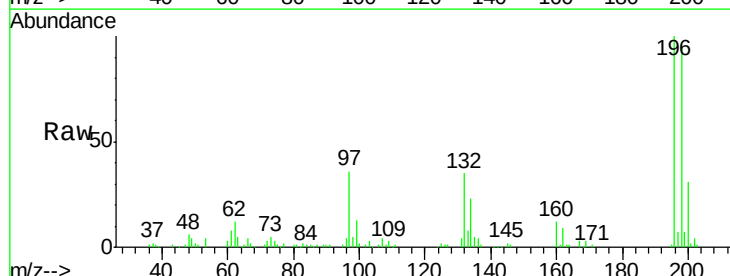
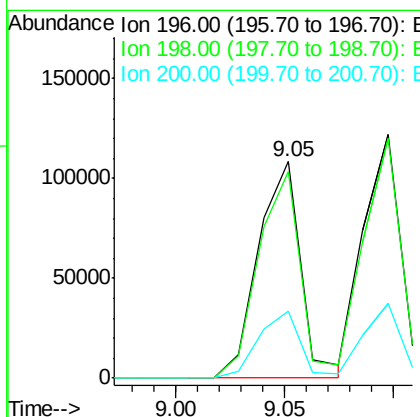
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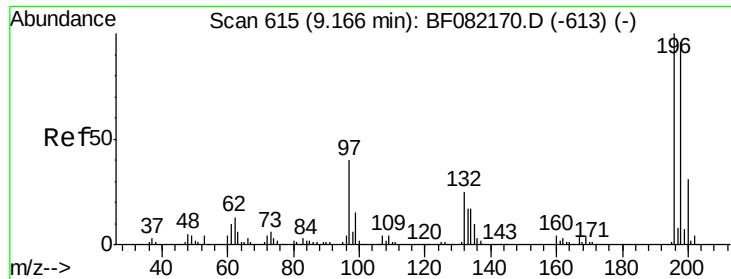
MmDadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 36.57 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148143		
198	95.7	76.6	115.0	
200	30.9	23.7	35.5	





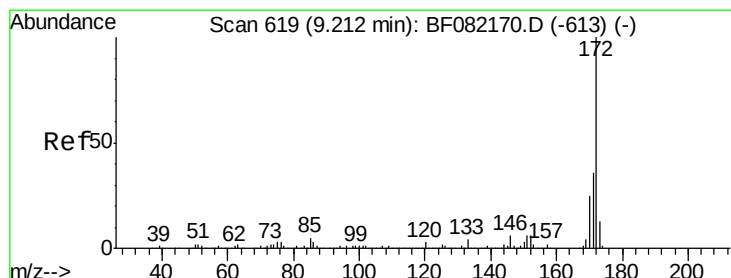
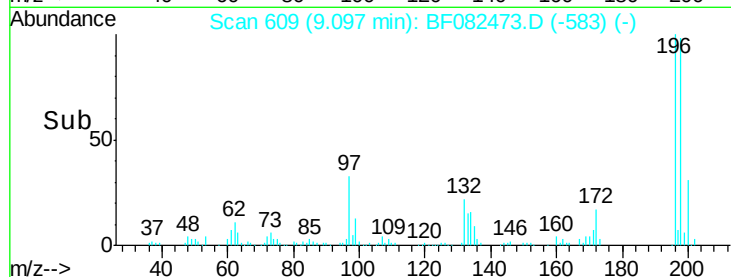
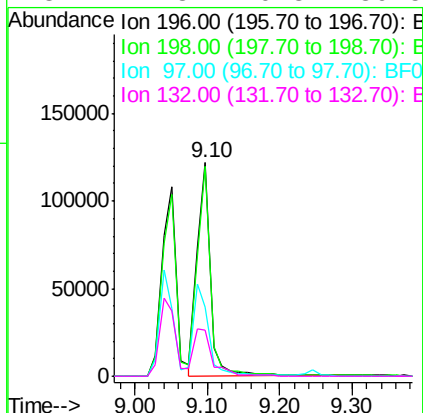
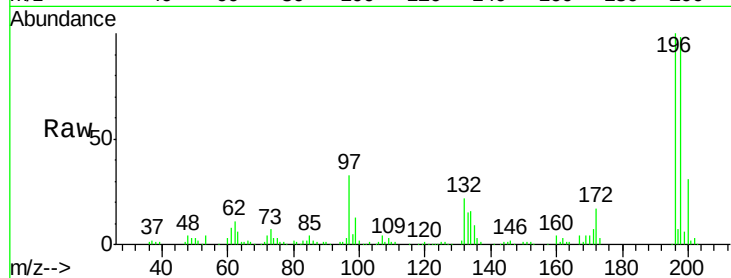
#43
 2,4,5-Trichlorophenol
 Concen: 35.84 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157256		
198	98.2	77.0	115.4	
97	32.5	31.9	47.9	
132	21.8	20.3	30.5	

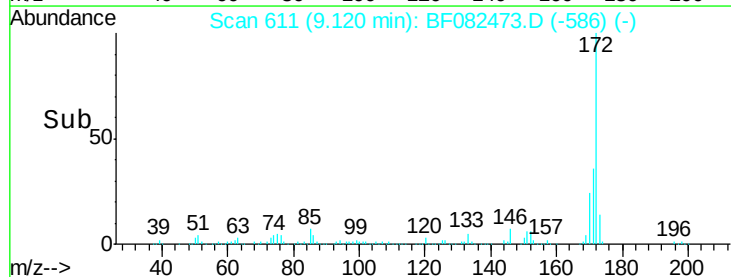
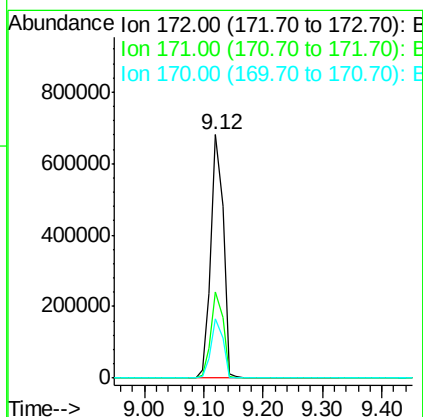
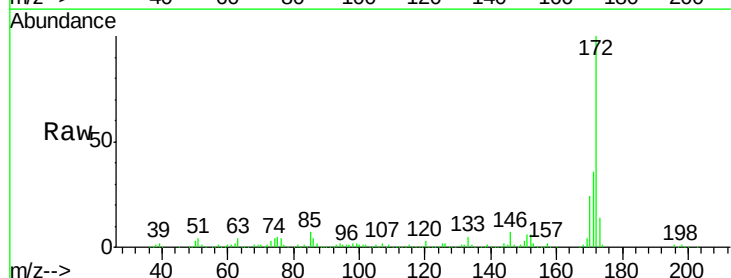
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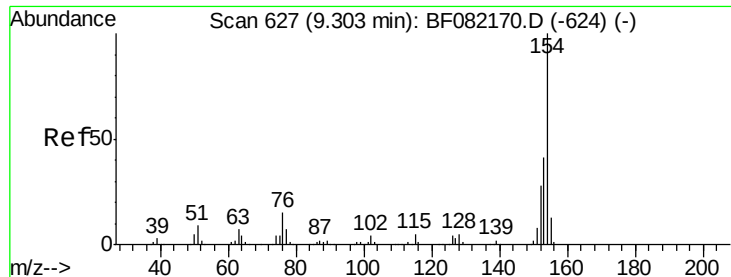
MmDadoda
 10/26/2015 7:22:10 PM



#44
 2-Fluorobiphenyl
 Concen: 80.26 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	992250		
171	35.6	28.6	42.8	
170	24.5	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 36.65 ng

RT: 9.22 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

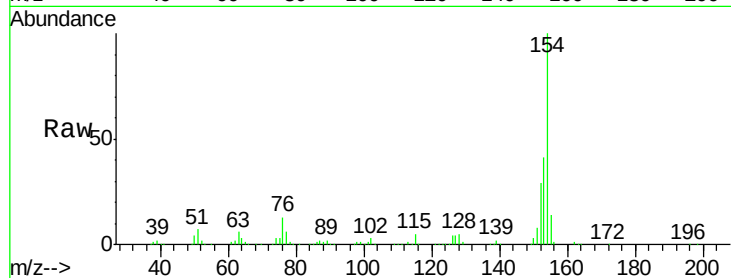
ClientSampleId :

PB86215BS

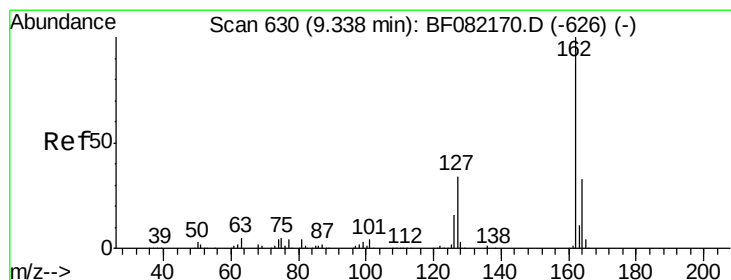
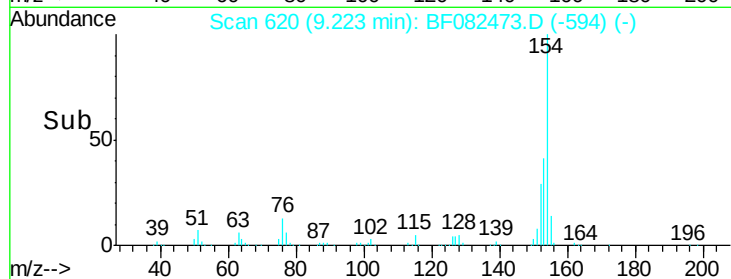
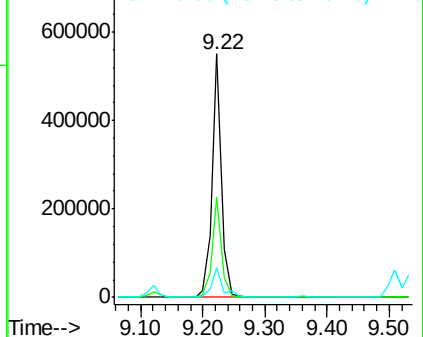
Tgt Ion:	154	Resp:	573006
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.6	60.6
76	12.5	0.0	35.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.38 ng

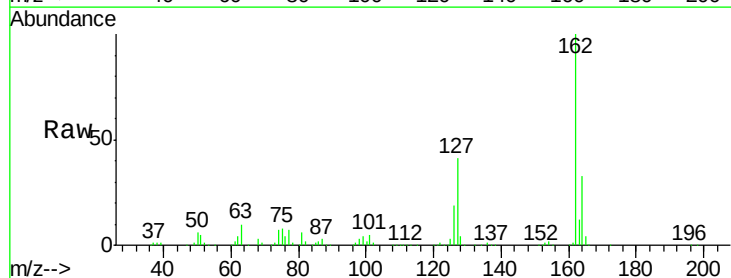
RT: 9.25 min Scan# 622

Delta R.T. -0.01 min

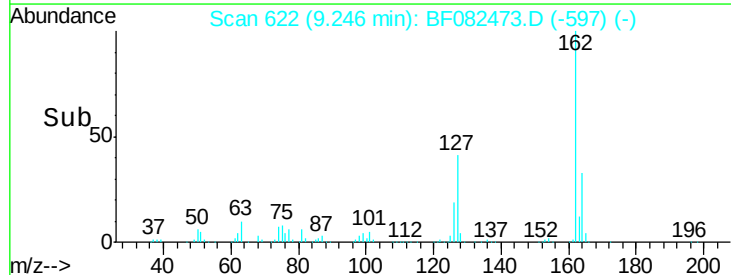
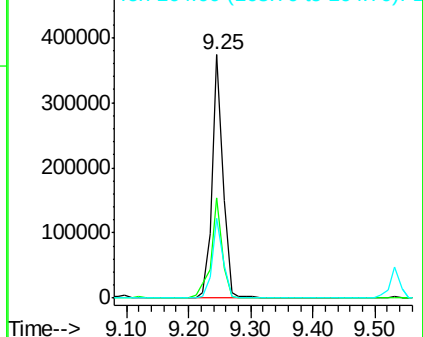
Lab File: BF082473.D

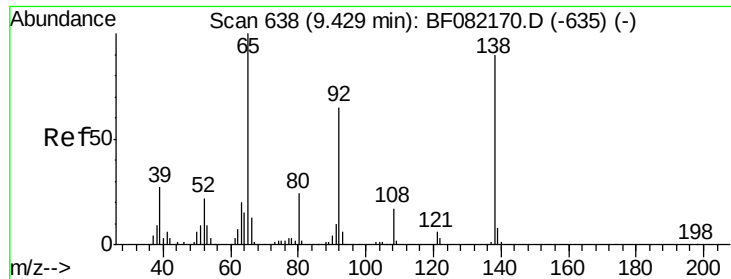
Acq: 23 Oct 2015 18:58

Tgt Ion:	162	Resp:	447779
Ion Ratio	Lower	Upper	
162	100		
127	40.9	27.5	41.3
164	32.8	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





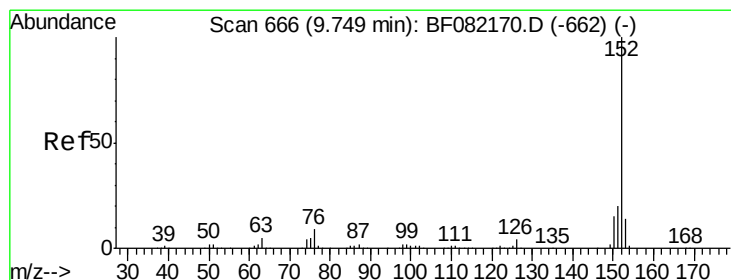
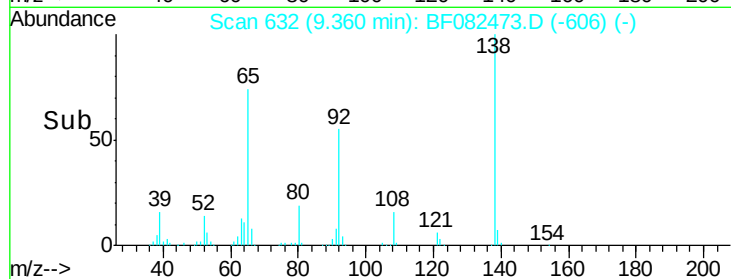
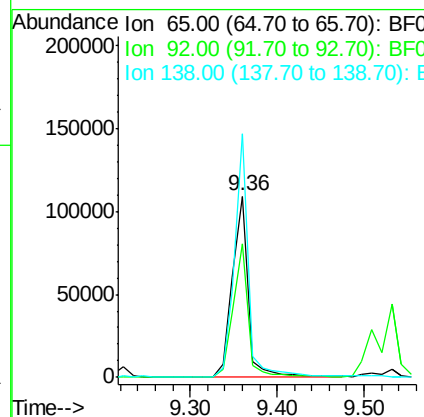
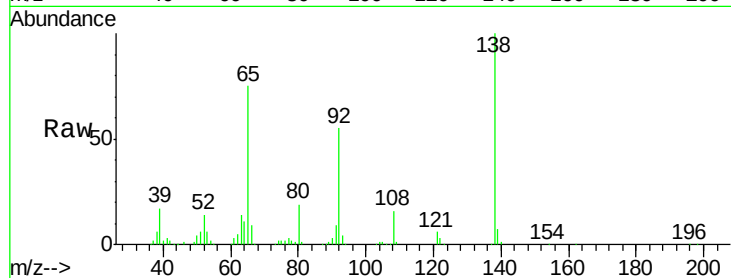
#47
2-Nitroaniline
Concen: 41.33 ng
RT: 9.36 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	139645		
92	73.6	52.3	78.5	
138	134.2	72.2	108.4	

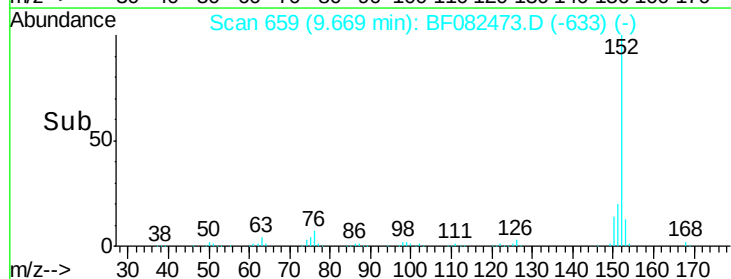
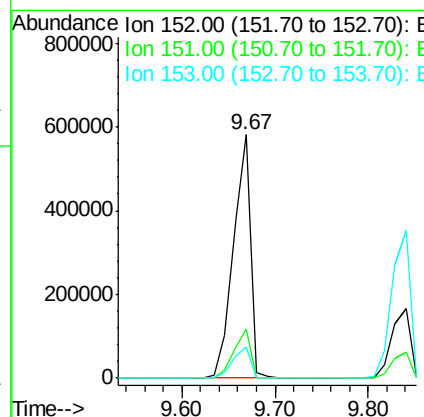
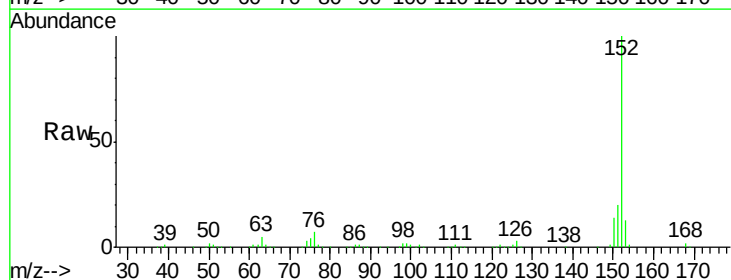
Manual Integrations
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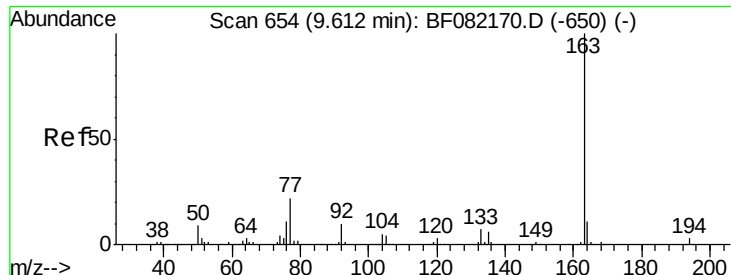
MmDadoda
10/26/2015 7:22:10 PM



#48
Acenaphthylene
Concen: 39.05 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	748734		
151	20.0	16.4	24.6	
153	12.9	10.8	16.2	





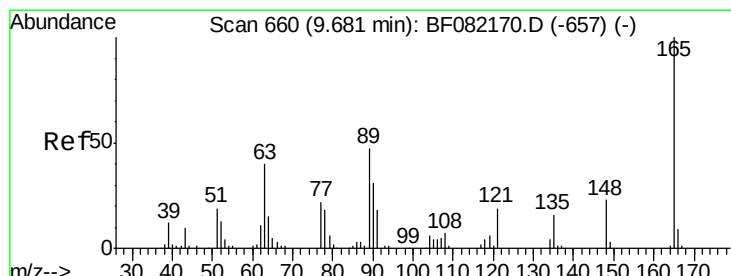
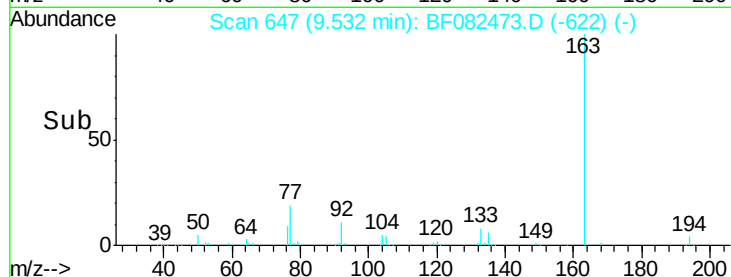
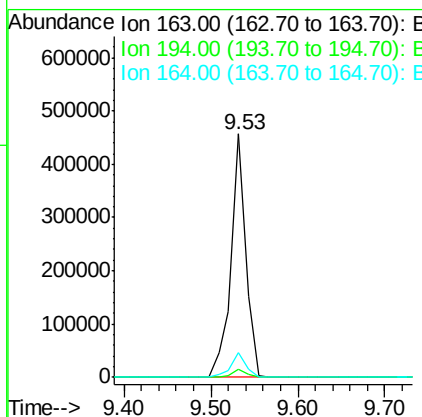
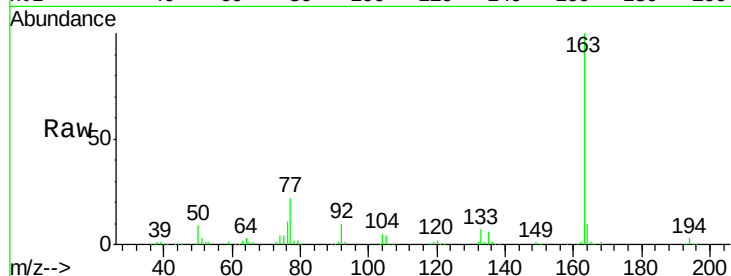
#49
Dimethylphthalate
Concen: 37.41 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.5	12.7

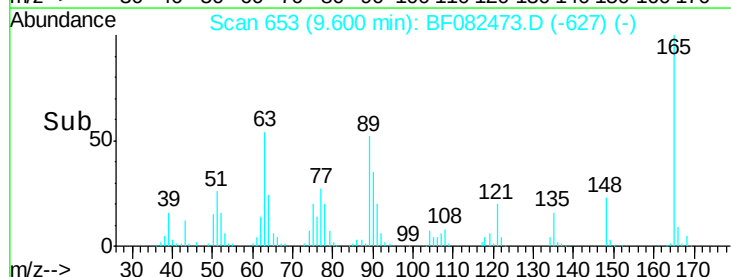
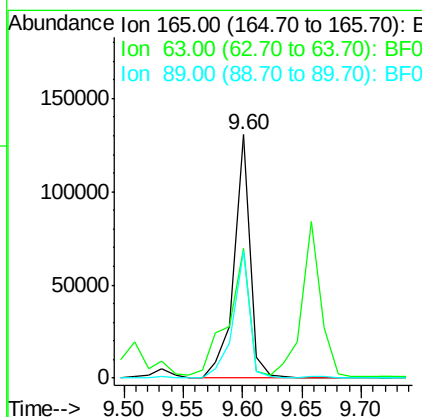
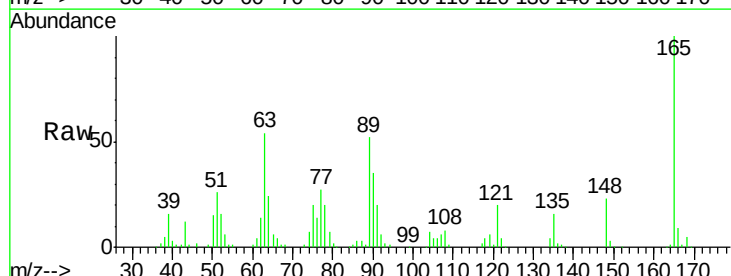
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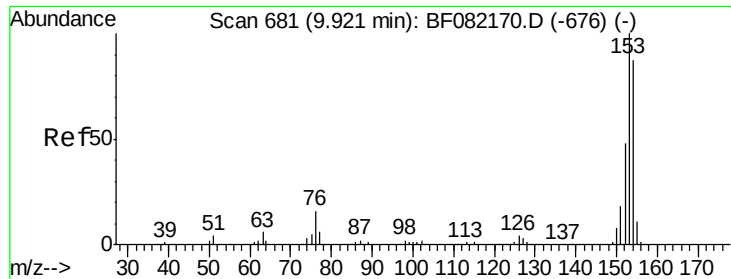
MmDadoda
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#50
2,6-Dinitrotoluene
Concen: 40.62 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	53.5	36.7	55.1
89	52.1	37.8	56.6





#51

Acenaphthene

Concen: 36.52 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

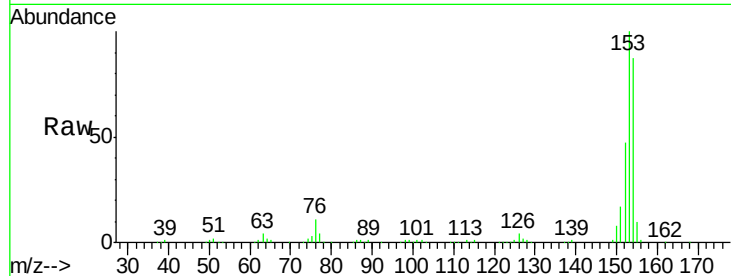
ClientSampleId :

PB86215BS

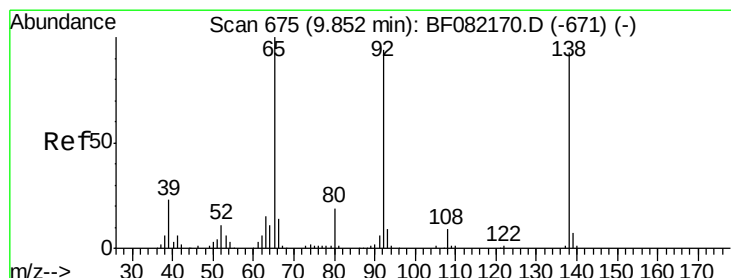
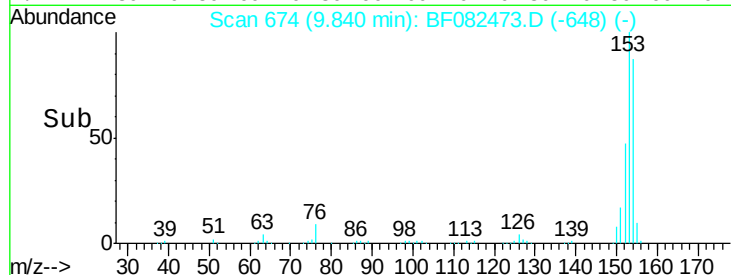
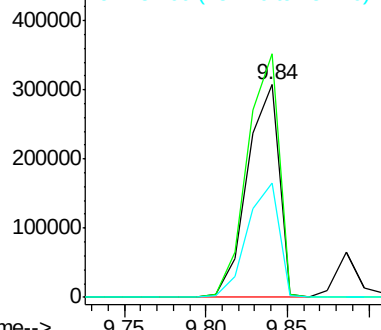
Tgt Ion:	154	Resp:	420309
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.4	137.2
152	54.0	44.3	66.5

Manual Integrations
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MmDadoda
10/26/2015 7:22:10 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.06 ng

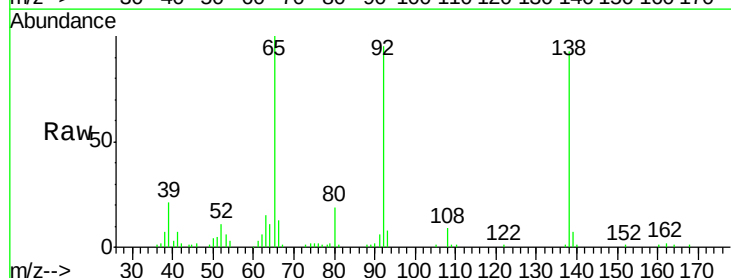
RT: 9.77 min Scan# 668

Delta R.T. -0.00 min

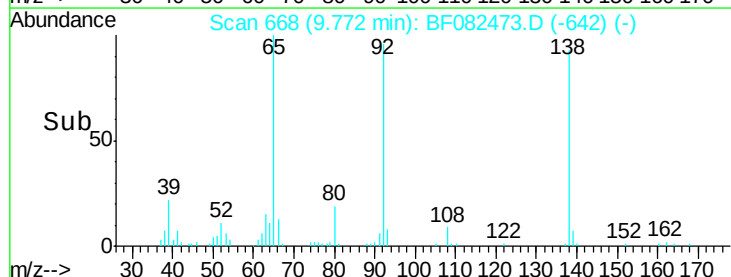
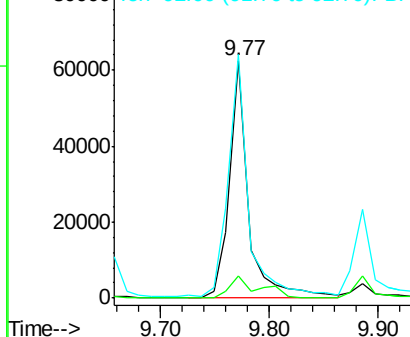
Lab File: BF082473.D

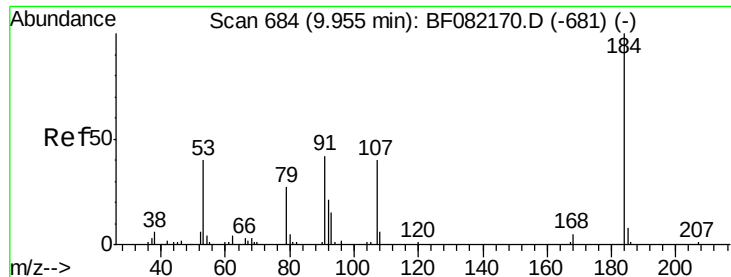
Acq: 23 Oct 2015 18:58

Tgt Ion:	138	Resp:	75892
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.4	11.0
92	102.6	81.3	121.9



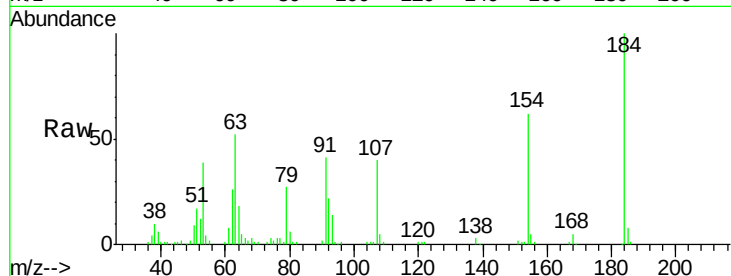
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 65.89 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

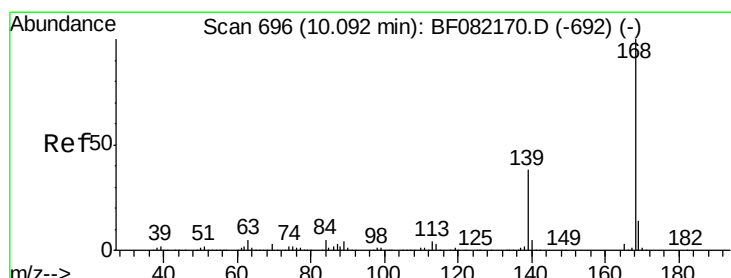
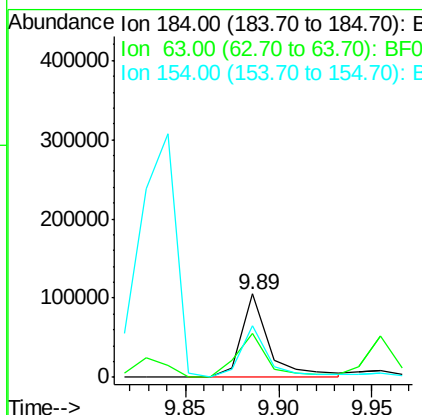
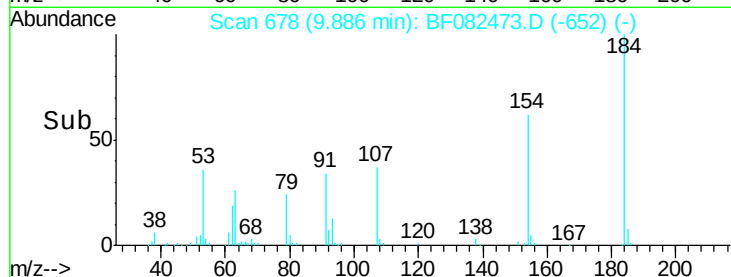
Instrument :
BNA_F
ClientSampleId :
PB86215BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	110085		
63	52.5	45.1	67.7	
154	61.7	51.2	76.8	

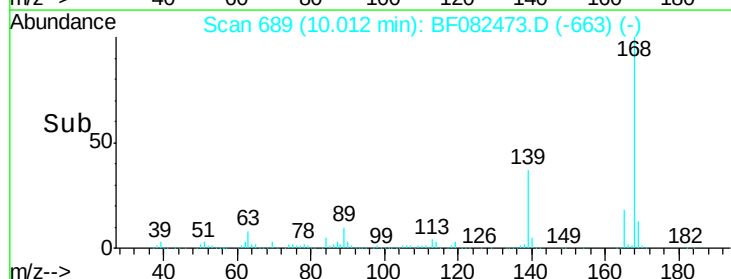
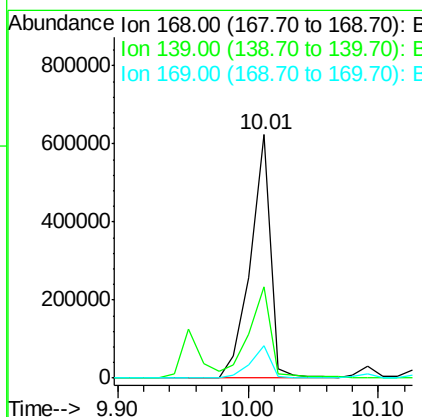
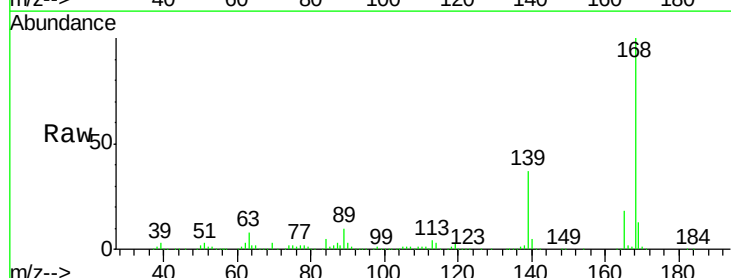
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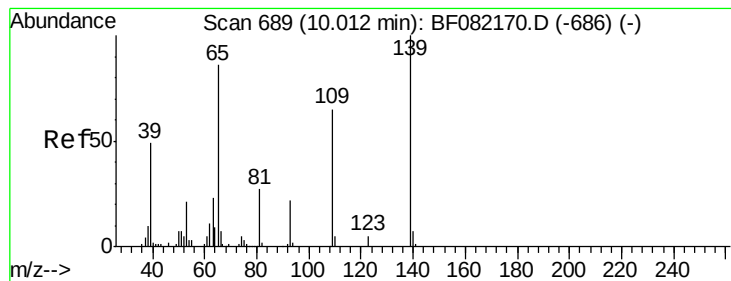
MmDadoda
10/26/2015 7:22:10 PM



#54
Dibenzofuran
Concen: 42.38 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	669697		
139	37.3	31.0	46.6	
169	13.5	10.9	16.3	





#55

4-Nitrophenol

Concen: 60.57 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

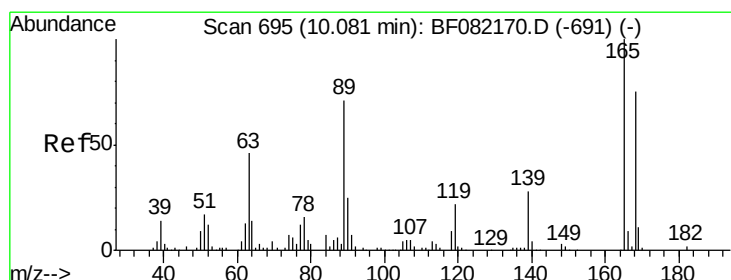
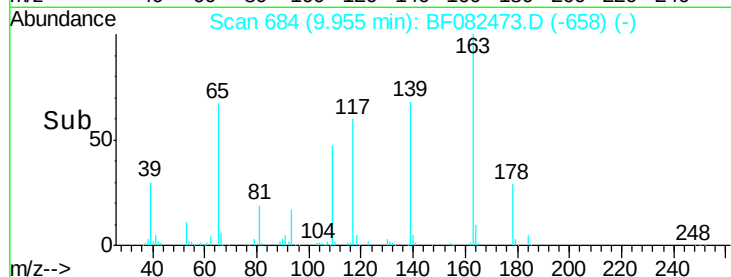
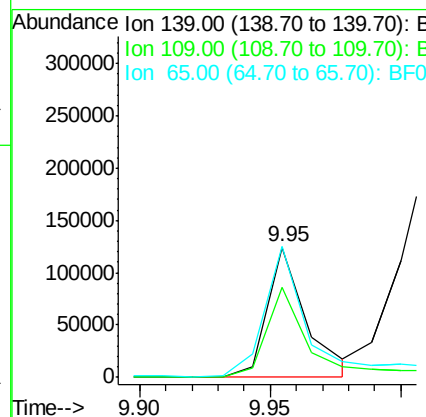
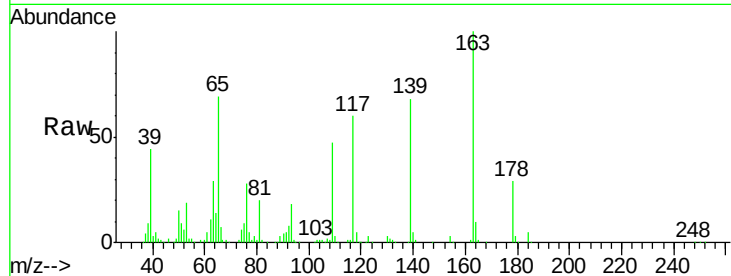
ClientSampleId :

PB86215BS

Tgt Ion:	139	Resp:	130003
Ion Ratio	Lower	Upper	
139	100		
109	69.2	44.8	84.8
65	101.1	67.7	107.7

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#56

2,4-Dinitrotoluene

Concen: 41.67 ng

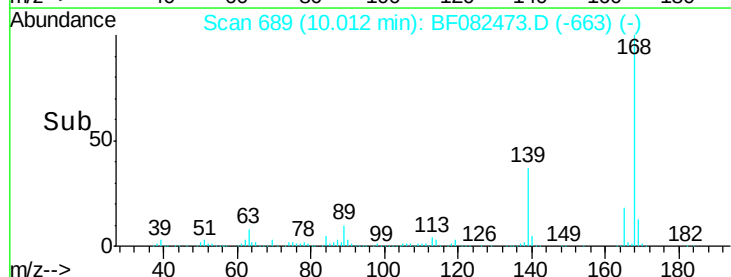
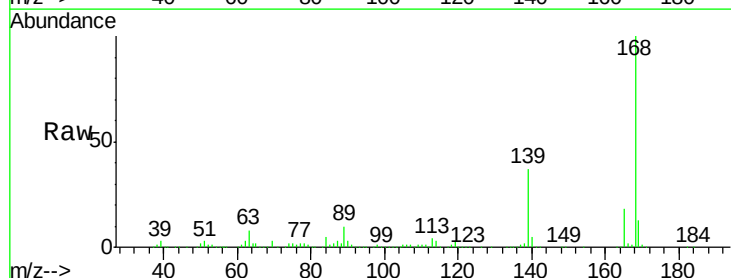
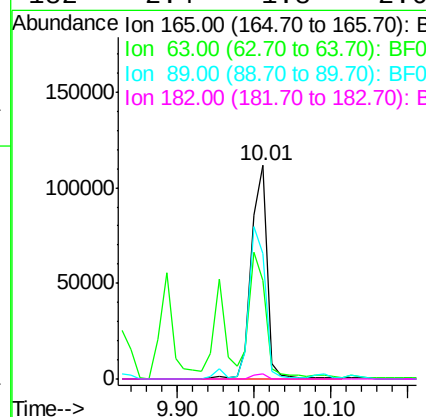
RT: 10.01 min Scan# 689

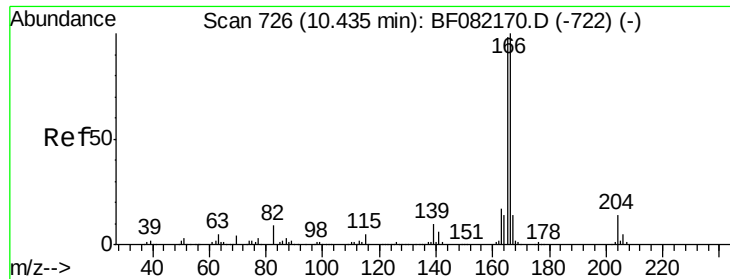
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion:	165	Resp:	158642
Ion Ratio	Lower	Upper	
165	100		
63	46.4	38.6	58.0
89	58.6	57.0	85.6
182	2.4	1.8	2.6





#57

Fluorene

Concen: 42.35 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

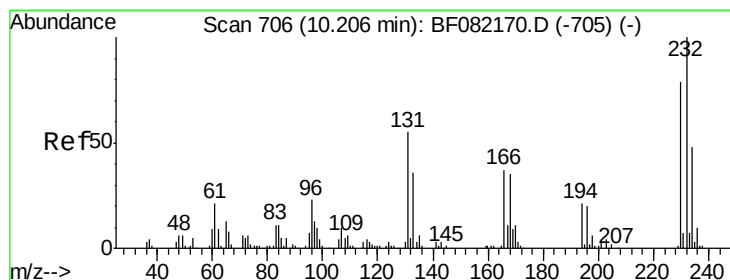
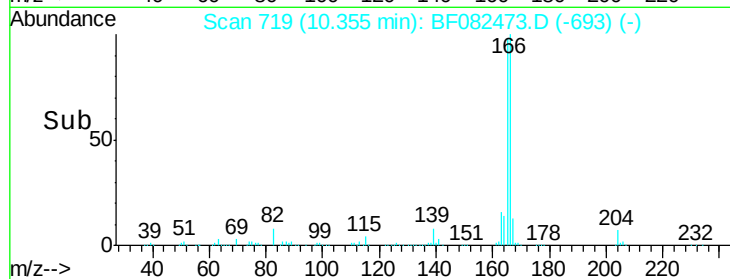
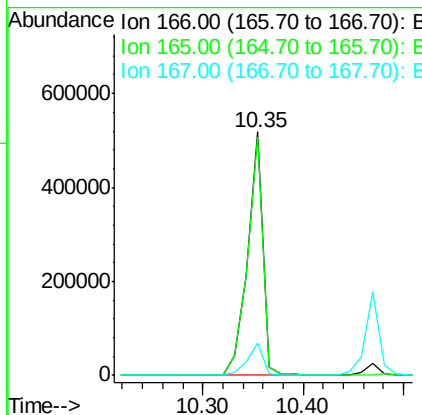
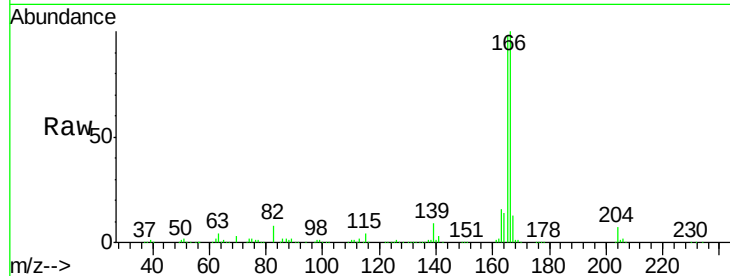
ClientSampleId :

PB86215BS

Tgt Ion:	166	Resp:	549674
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.3	117.5
167	13.2	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.86 ng

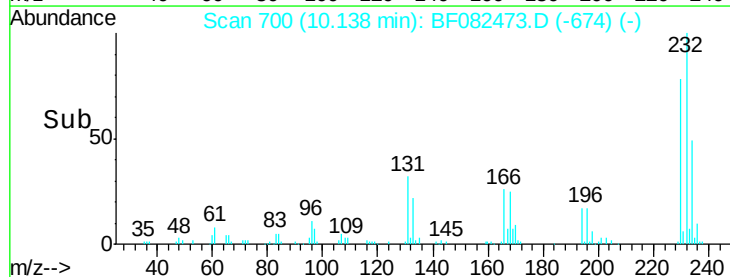
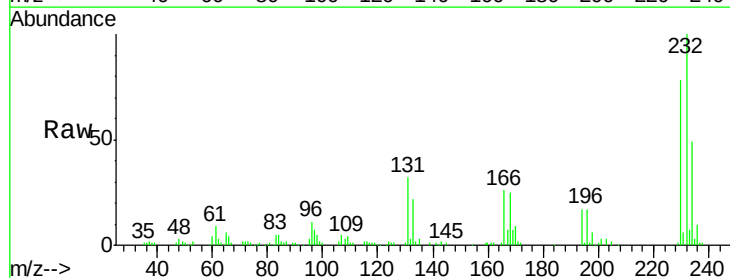
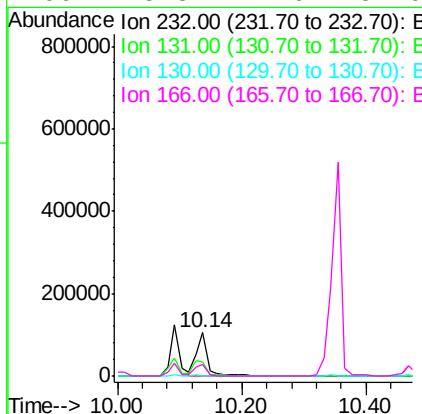
RT: 10.14 min Scan# 700

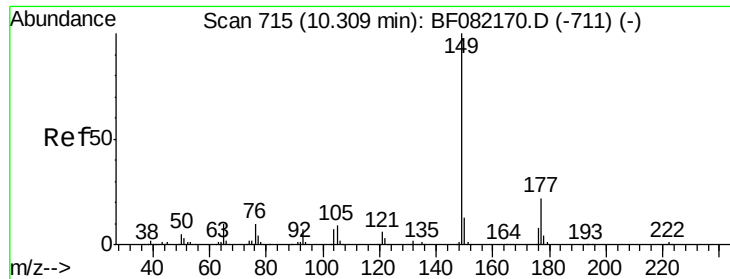
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion:	232	Resp:	132128
Ion Ratio	Lower	Upper	
232	100		
131	41.8	36.6	54.8
130	1.7	1.5	2.3
166	28.3	24.6	37.0





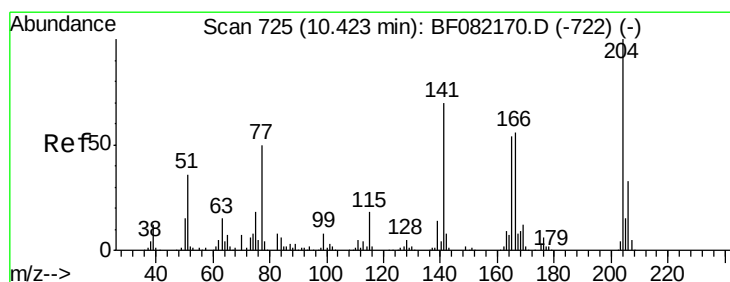
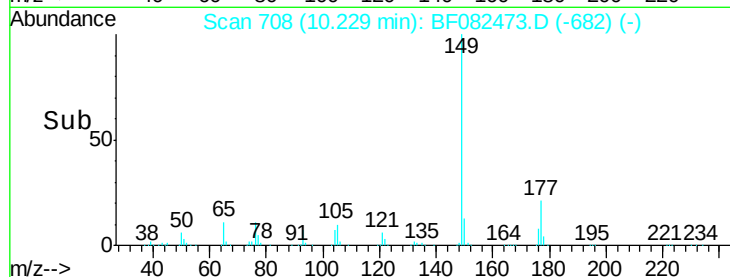
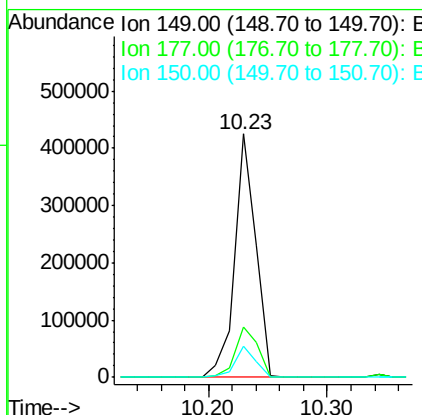
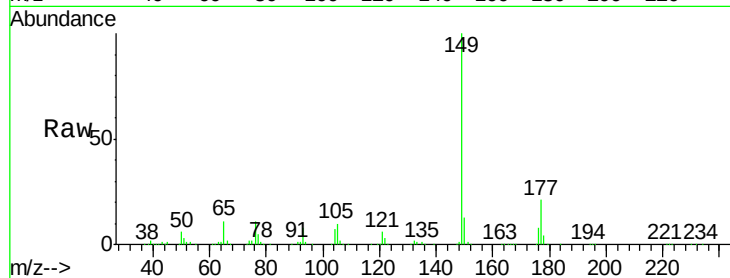
#59
Diethylphthalate
Concen: 38.92 ng
RT: 10.23 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.6	26.4
150	12.9	10.3	15.5

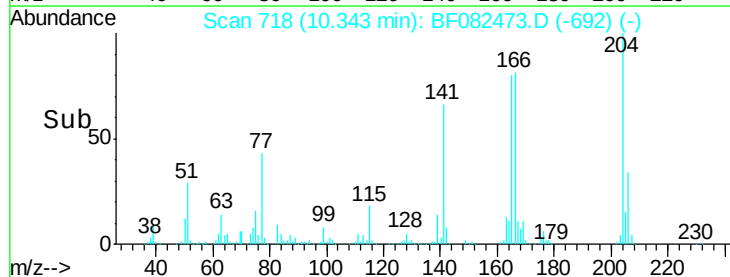
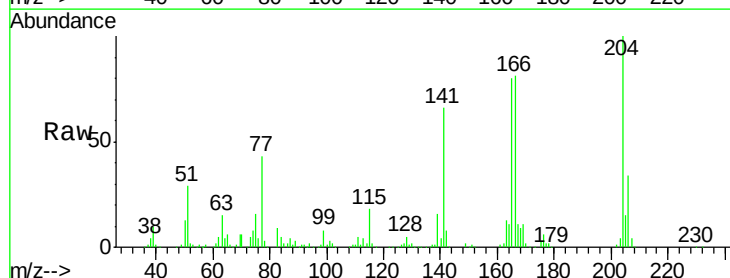
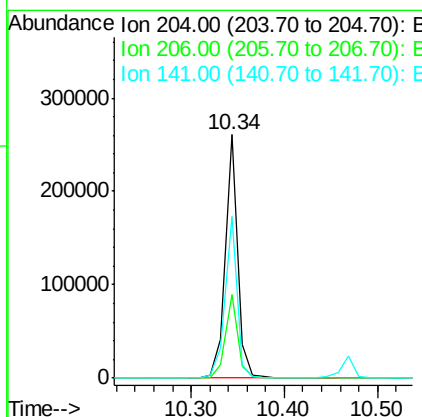
Manual Integrations
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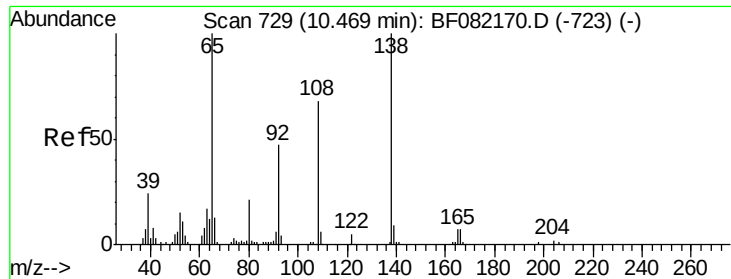
MmDadoda
10/26/2015 7:22:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.25 ng
RT: 10.34 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.8	40.2
141	66.2	56.1	84.1





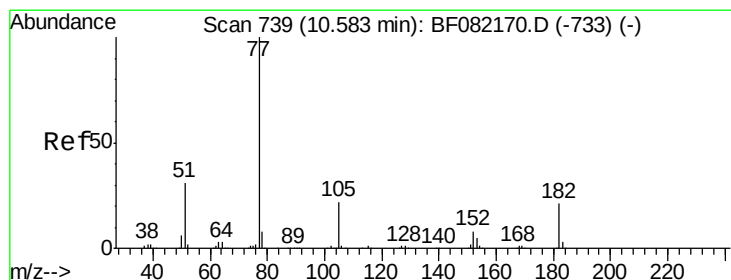
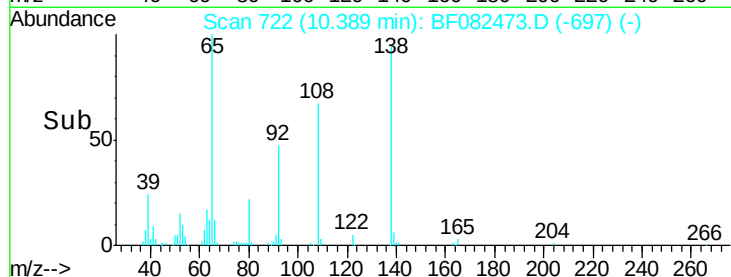
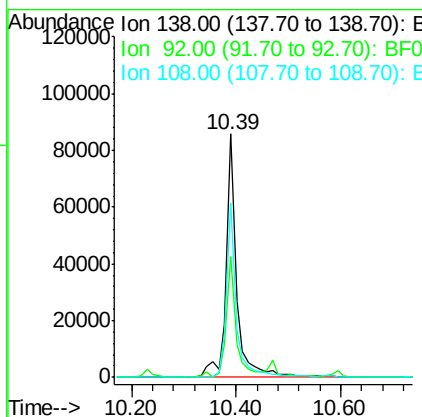
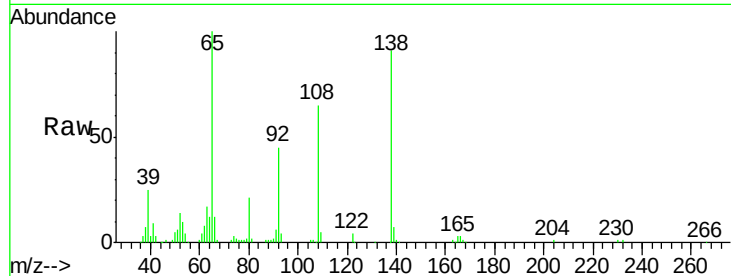
#61
4-Nitroaniline
Concen: 36.08 ng
RT: 10.39 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	120415		
92	49.7	26.8	66.8	
108	71.9	48.4	88.4	

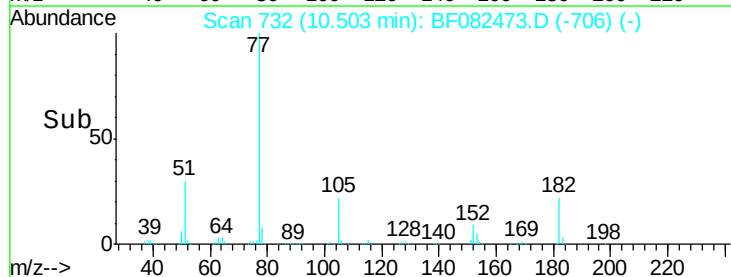
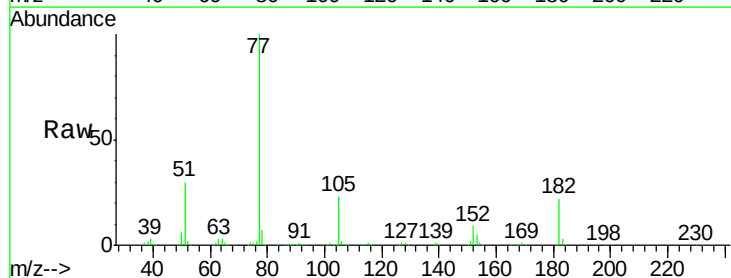
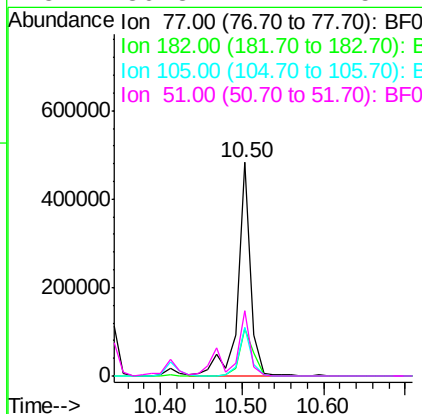
Manual Integrations
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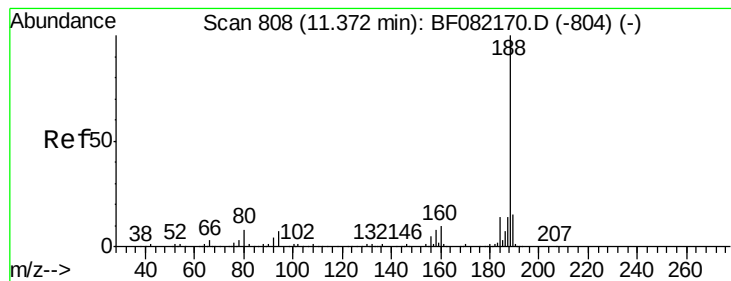
MmDadoda
10/26/2015 7:22:10 PM



#62
Azobenzene
Concen: 39.98 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	526587		
182	22.3	0.5	40.5	
105	22.7	1.8	41.8	
51	30.3	11.2	51.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF082473.D

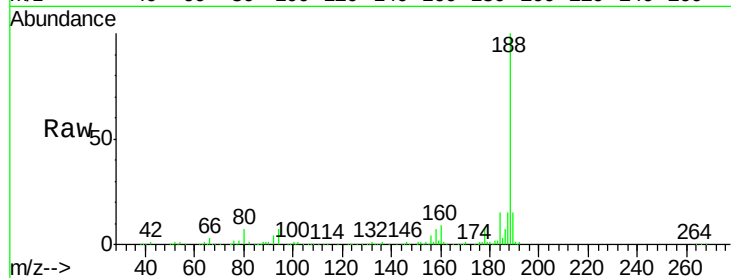
Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

PB86215BS



Tgt Ion:188 Resp: 402158

Ion Ratio Lower Upper

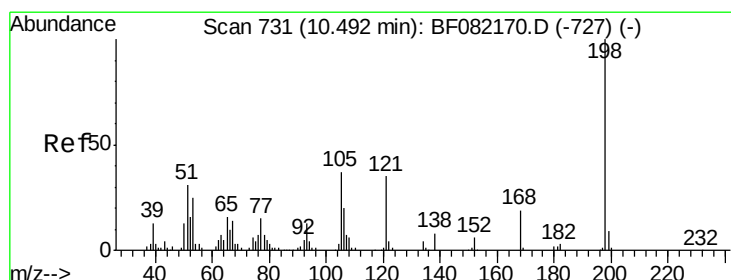
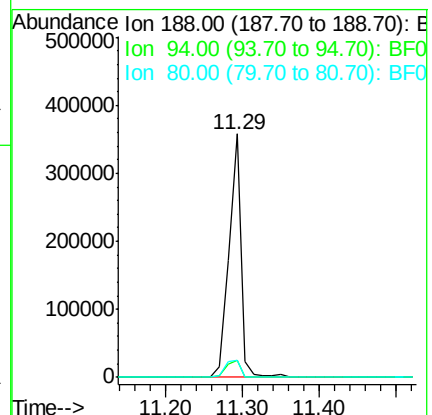
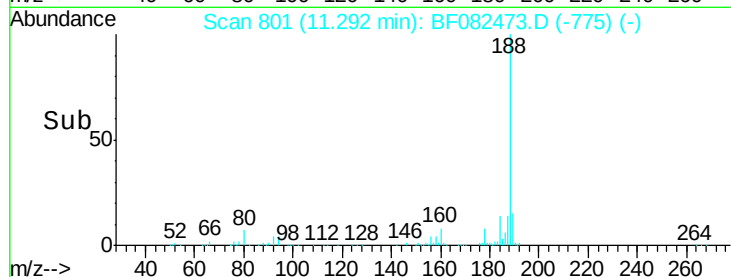
188 100

94 6.8 5.8 8.6

80 7.1 6.4 9.6

Manual Integrations
APPROVED

MmDadoda
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#64

4,6-Dinitro-2-methylphenol

Concen: 37.63 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

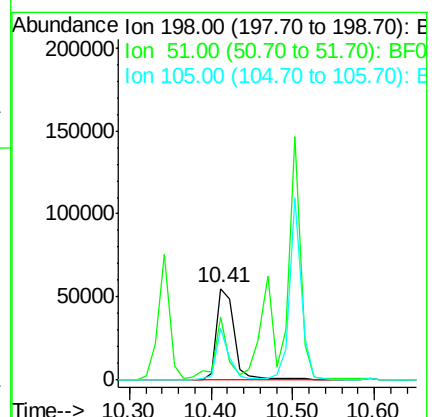
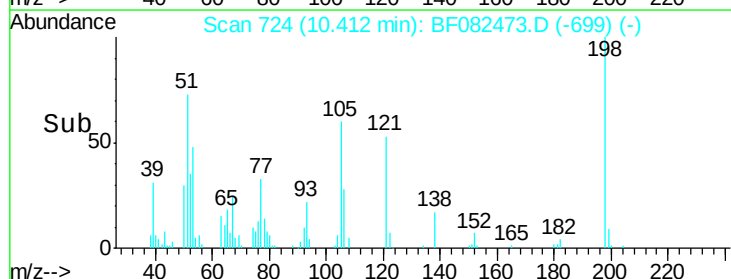
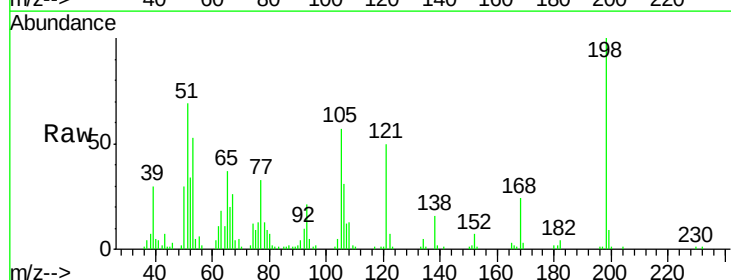
Tgt Ion:198 Resp: 84936

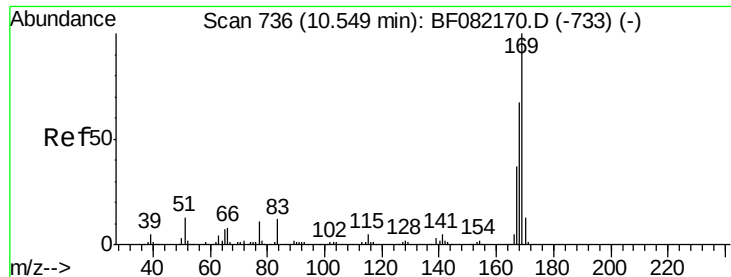
Ion Ratio Lower Upper

198 100

51 69.2 13.6 53.6#

105 56.6 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 38.57 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

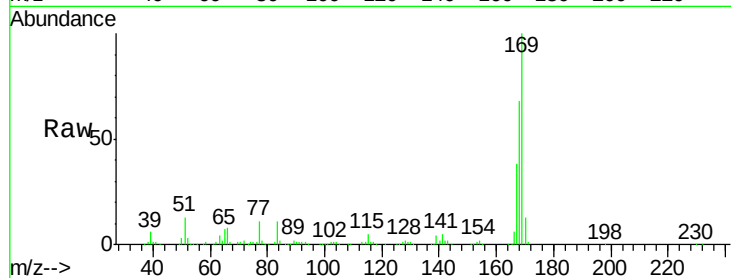
PB86215BS

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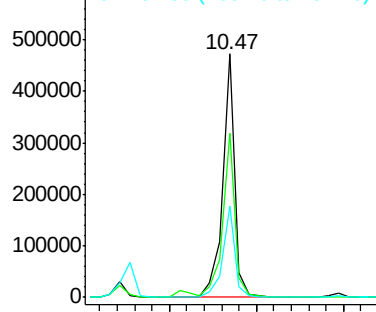
MmDadoda

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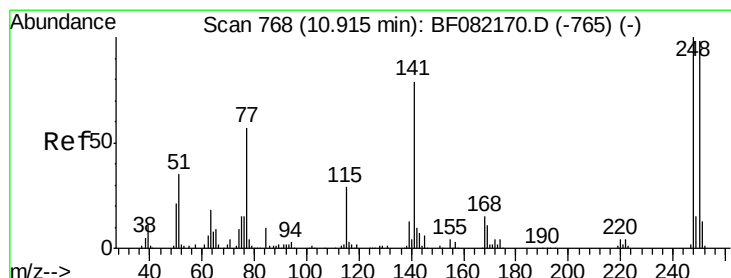
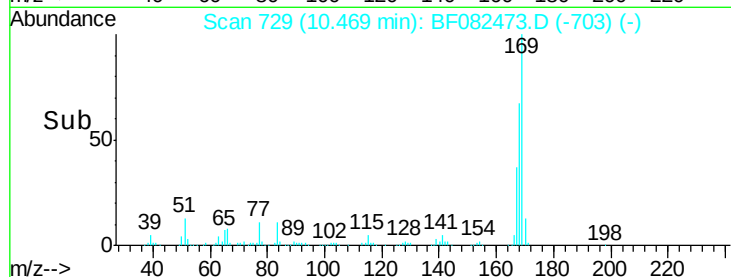
Tgt Ion:	169	Resp:	464375
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.0	81.0
167	37.5	29.6	44.4



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



Time-->



#66

4-Bromophenyl-phenylether

Concen: 38.30 ng

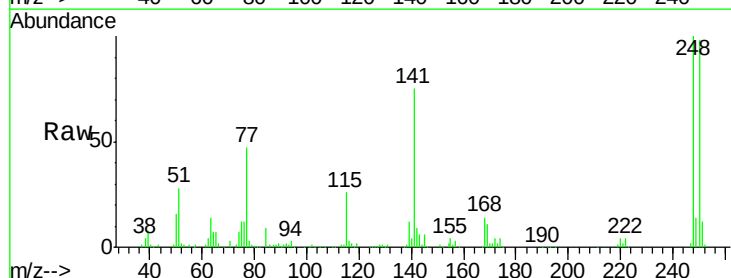
RT: 10.83 min Scan# 761

Delta R.T. -0.00 min

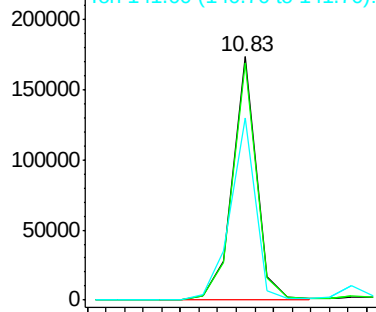
Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

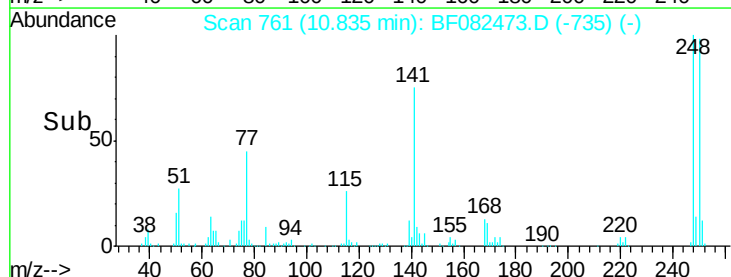
Tgt Ion:	248	Resp:	154135
Ion Ratio	Lower	Upper	
248	100		
250	97.7	78.6	117.8
141	75.0	63.3	94.9

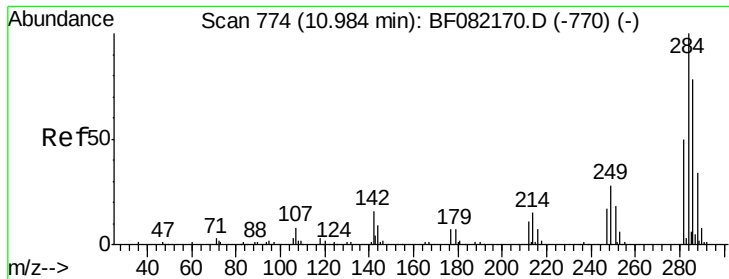


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#67

Hexachlorobenzene

Concen: 34.60 ng

RT: 10.89 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF082473.D

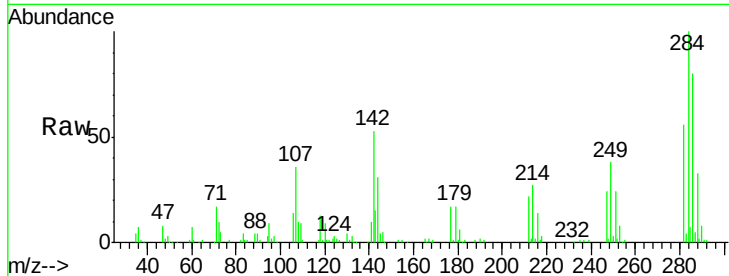
Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

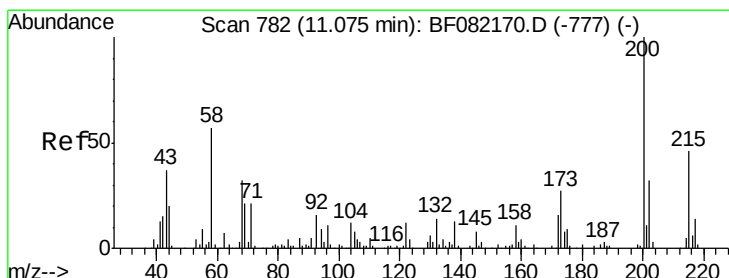
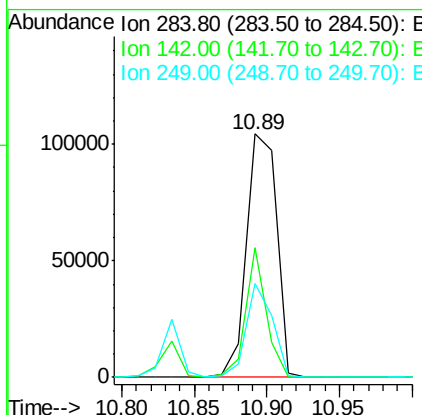
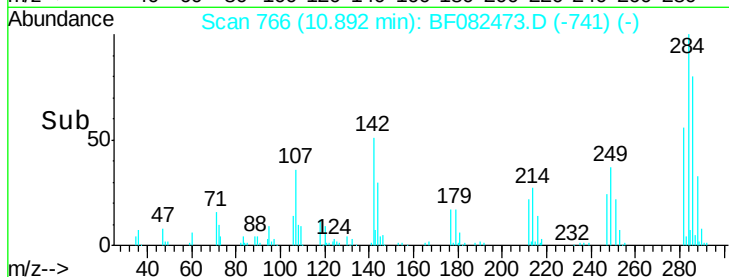
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Tgt Ion	Ratio	Resp	Lower	Upper
284	100	150608		
142	53.0	13.0	19.6#	
249	38.3	22.5	33.7#	

Manual Integrations
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#68

Atrazine

Concen: 40.40 ng

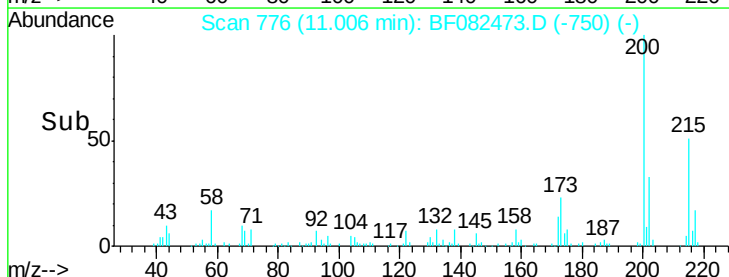
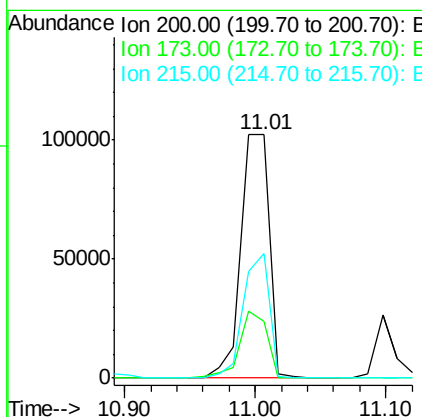
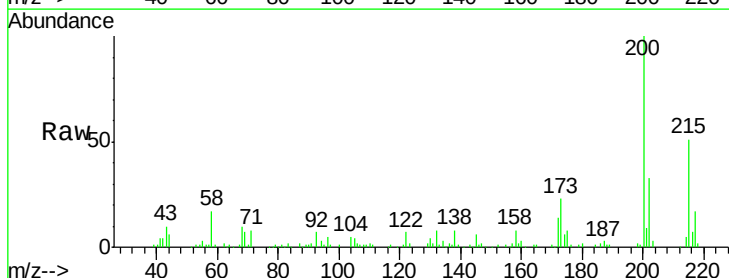
RT: 11.01 min Scan# 776

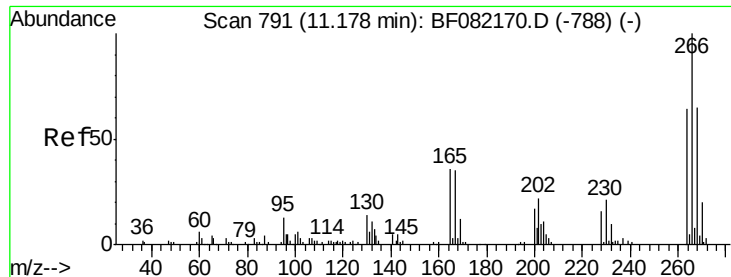
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	154101		
173	23.1	7.3	47.3	
215	51.2	26.2	66.2	





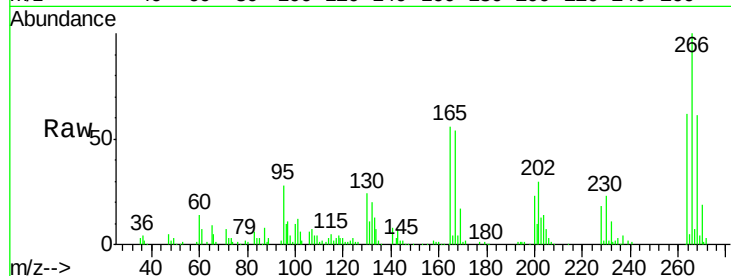
#69
 Pentachlorophenol
 Concen: 66.50 ng
 RT: 11.10 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

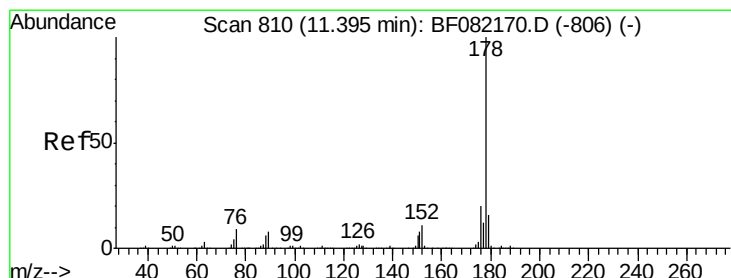
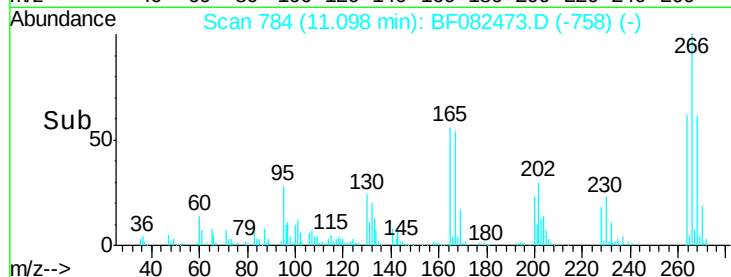
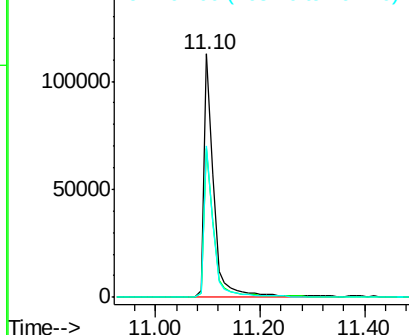
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	148937		
268	61.4	52.0	78.0	
264	62.4	51.4	77.0	

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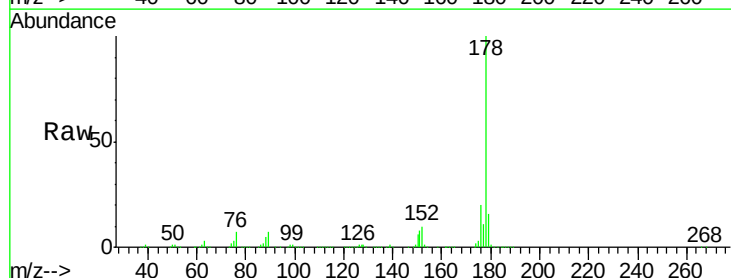


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

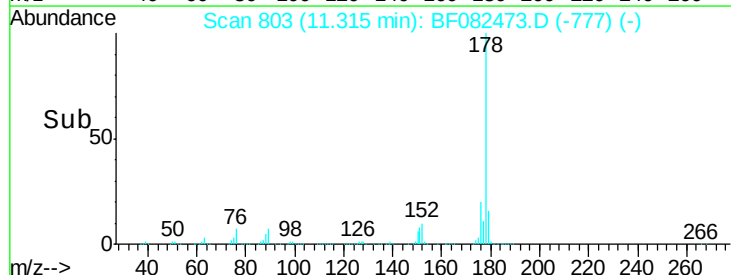
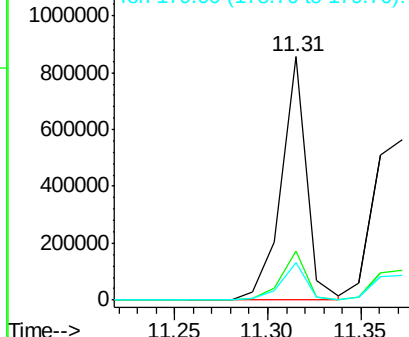


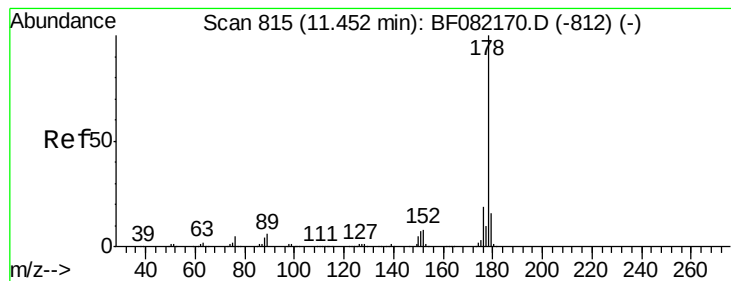
#70
 Phenanthrene
 Concen: 40.73 ng
 RT: 11.31 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	802917		
176	19.9	16.0	24.0	
179	15.7	12.6	19.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.41 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF082473.D

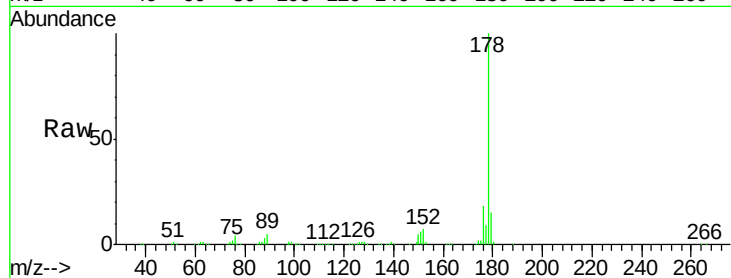
Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:178 Resp: 820886

Ion Ratio Lower Upper

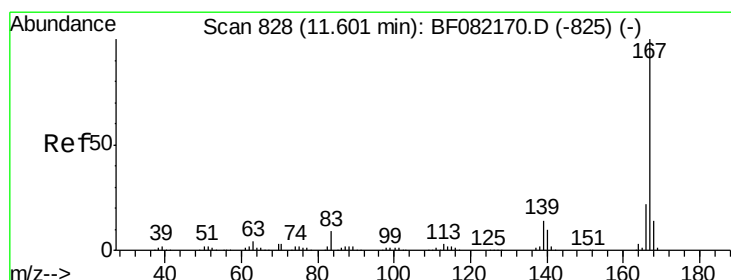
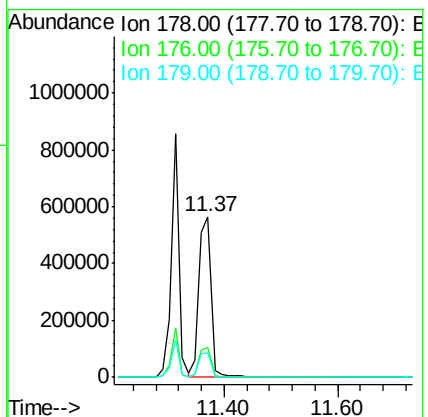
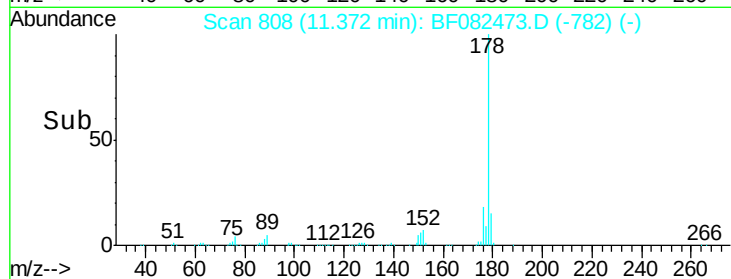
178 100

176 18.4 15.4 23.0

179 15.2 12.5 18.7

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#72

Carbazole

Concen: 39.38 ng

RT: 11.53 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

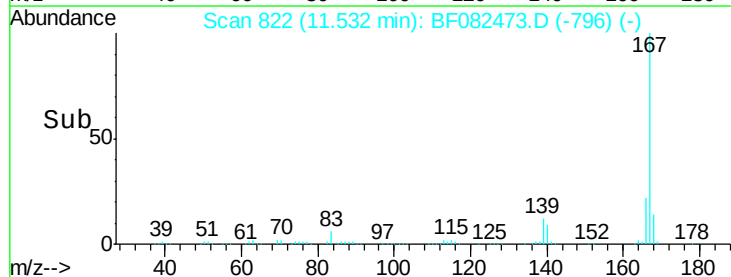
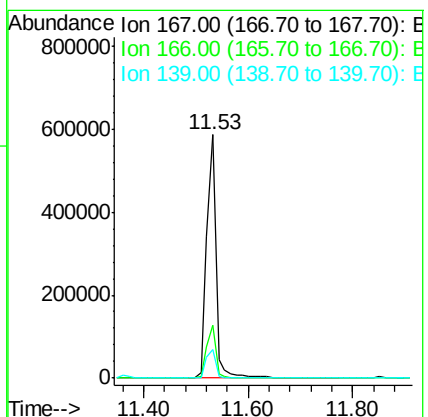
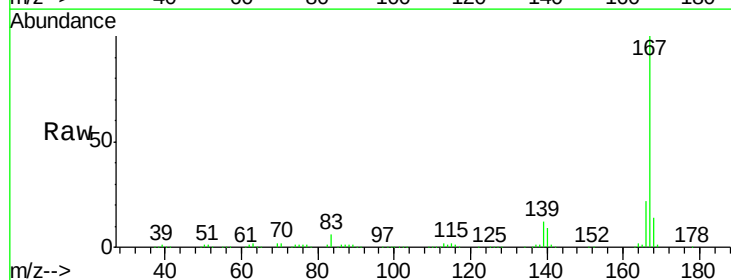
Tgt Ion:167 Resp: 729712

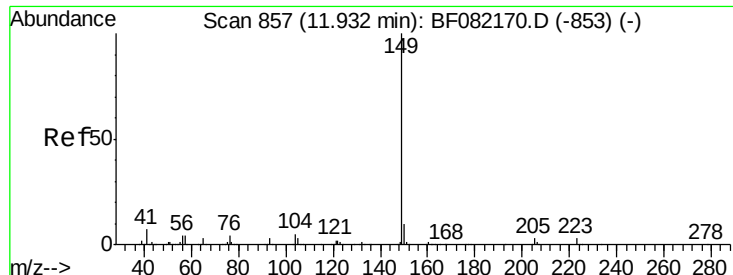
Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 11.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 37.59 ng

RT: 11.85 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Instrument :

BNA_F

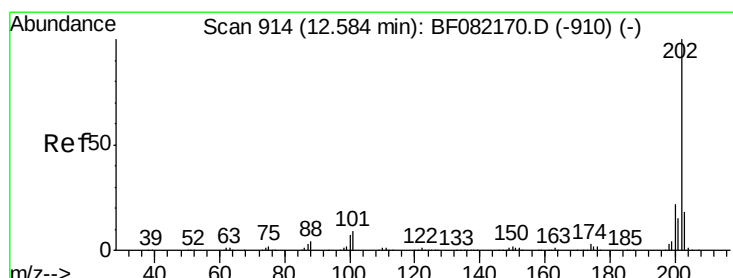
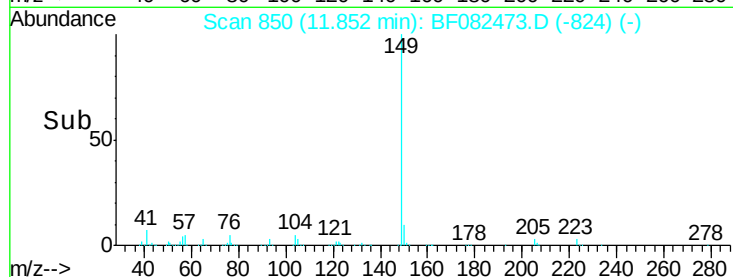
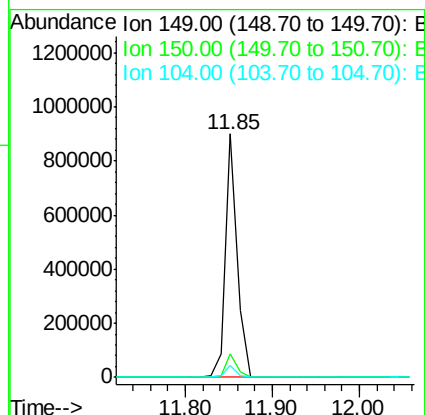
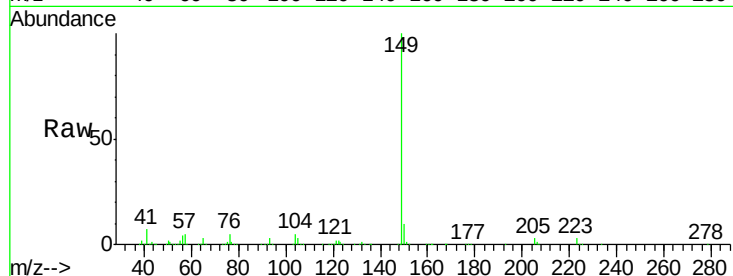
ClientSampleId :

PB86215BS

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	859329		
150	9.7		7.8	11.6
104	4.8		3.8	5.8



#74

Fluoranthene

Concen: 40.45 ng

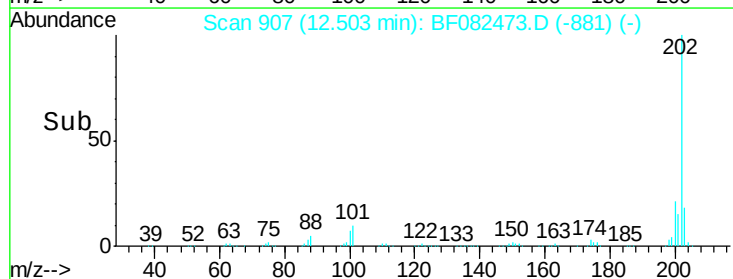
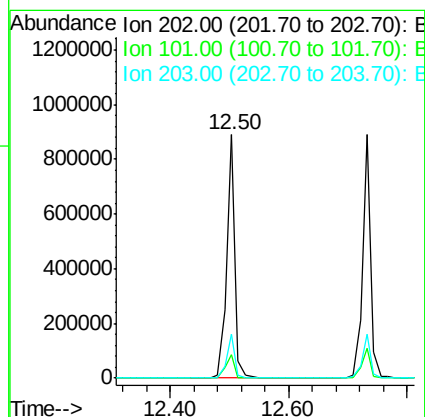
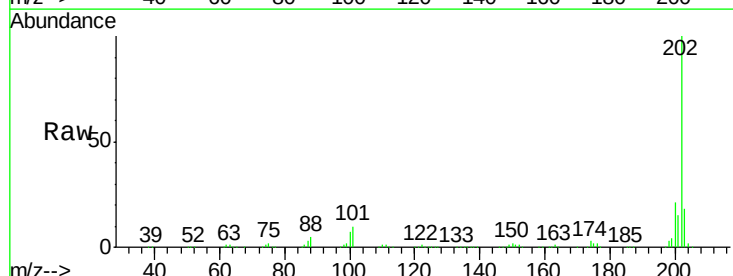
RT: 12.50 min Scan# 907

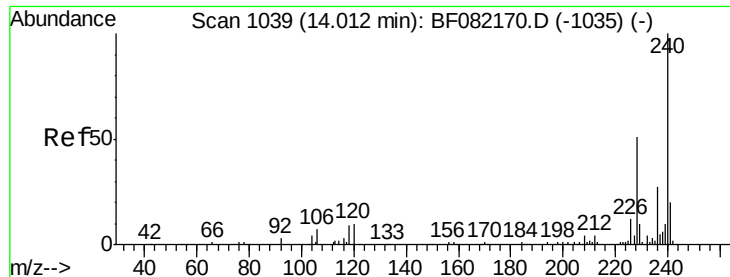
Delta R.T. -0.00 min

Lab File: BF082473.D

Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	856346		
101	9.5		0.0	29.3
203	18.0		0.0	37.8





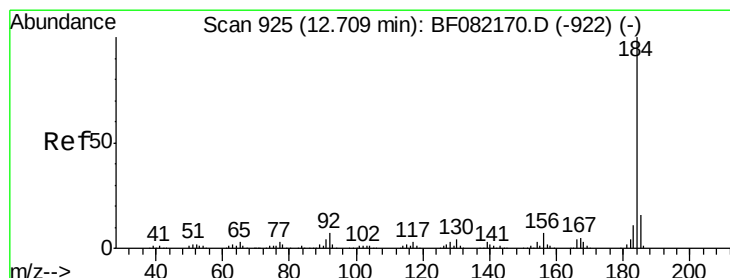
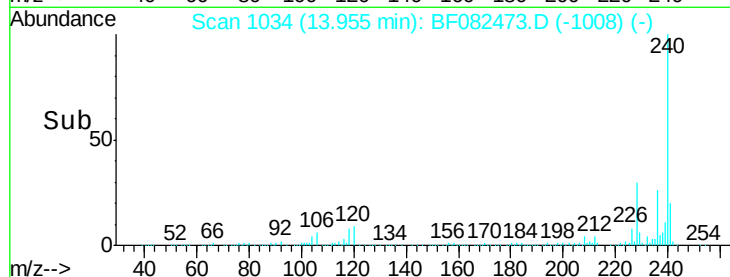
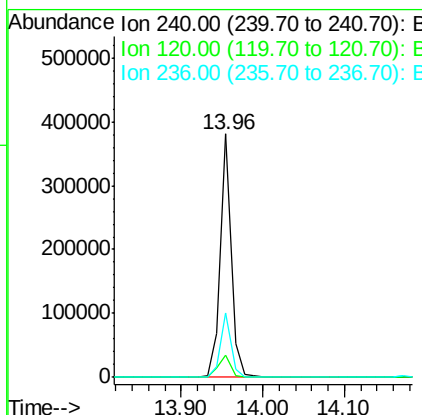
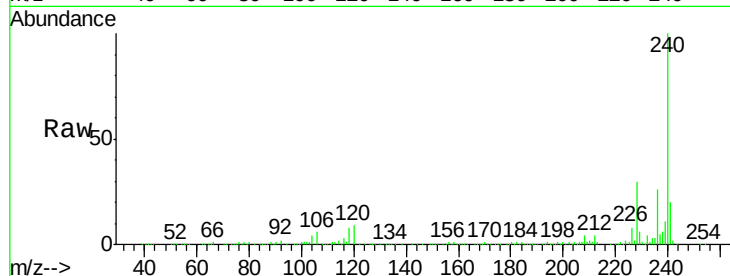
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	355334		
120	9.2	8.1	12.1	
236	26.3	21.3	31.9	

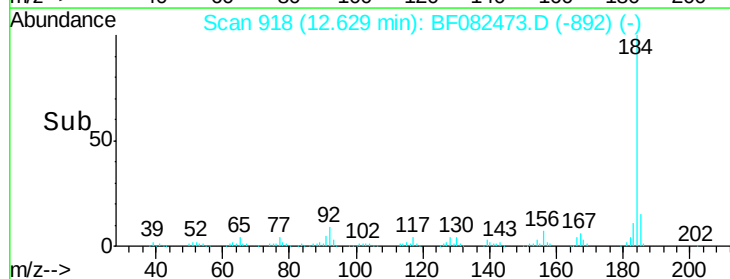
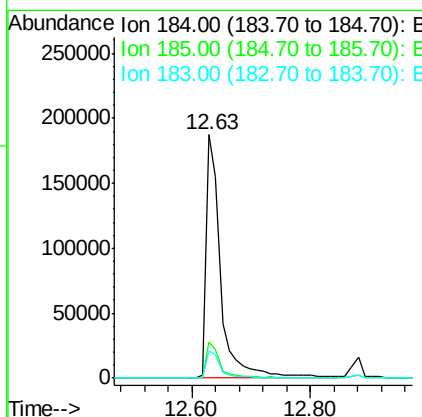
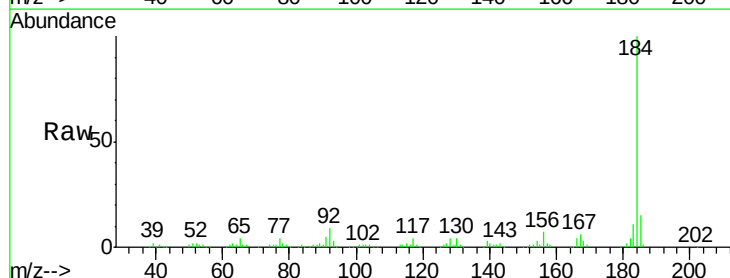
Manual Integrations
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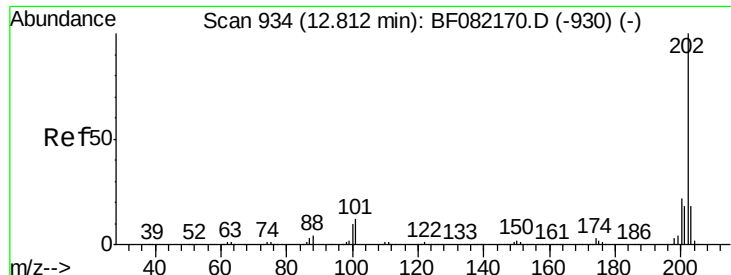
MmDadoda
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#76
Benzidine
Concen: 31.54 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	324790		
185	14.8	12.5	18.7	
183	11.1	9.1	13.7	





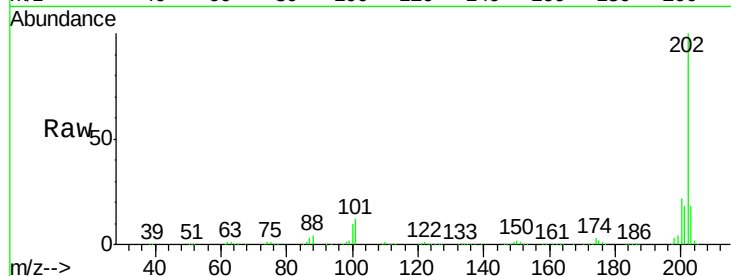
#77
 Pyrene
 Concen: 39.75 ng
 RT: 12.73 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

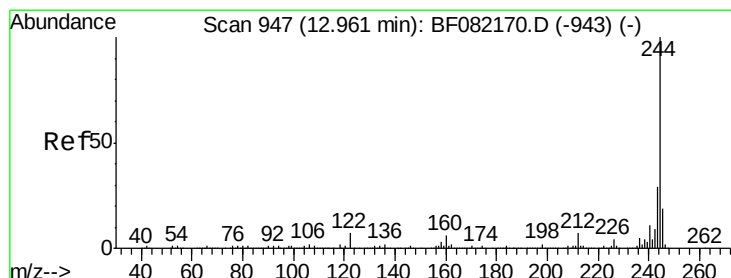
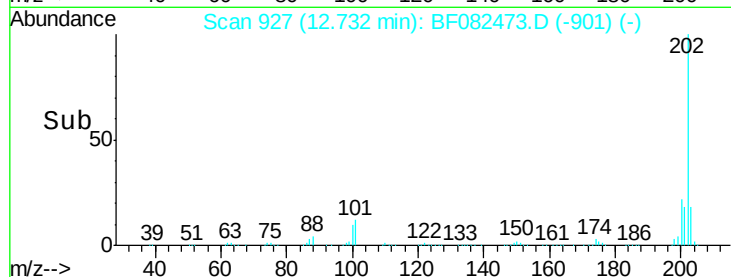
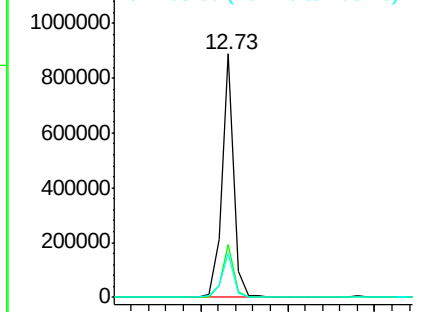
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	838139		
200	21.8	17.9	26.9	
203	17.9	14.5	21.7	

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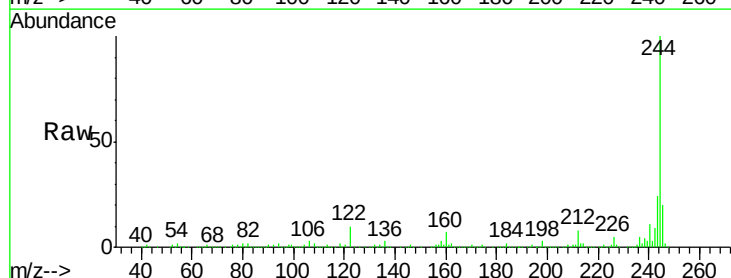


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

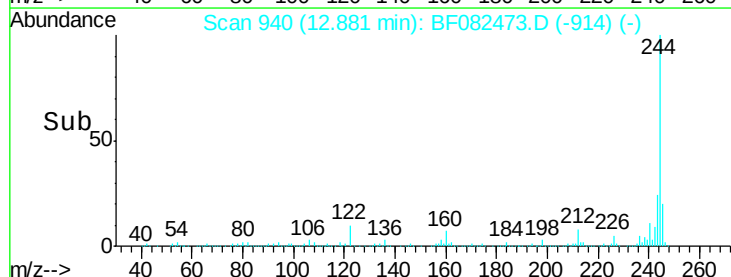
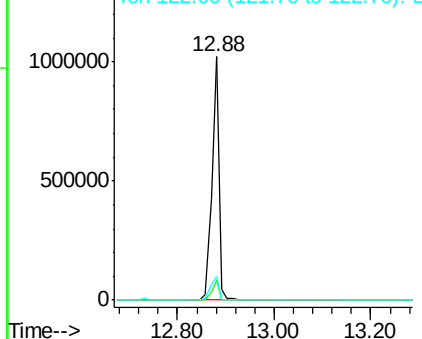


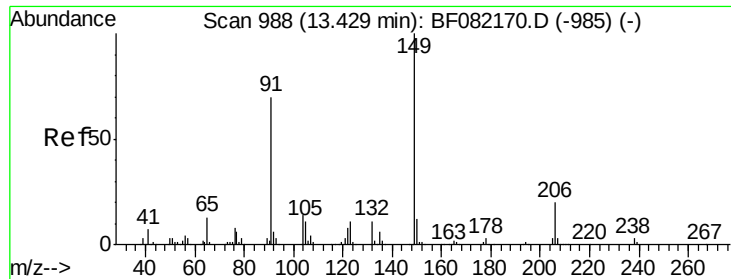
#78
 Terphenyl-d14
 Concen: 79.55 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1066653		
212	7.9	5.8	8.6	
122	9.7	5.9	8.9#	



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





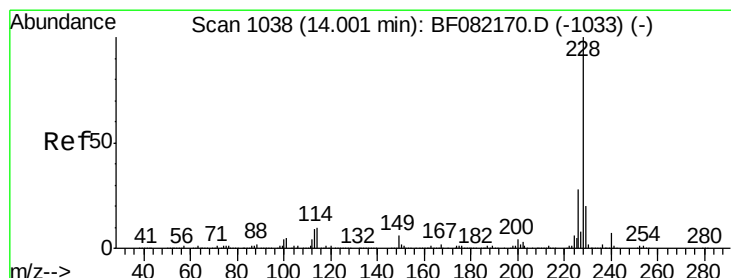
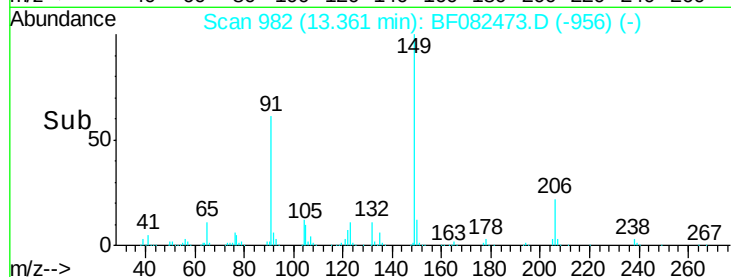
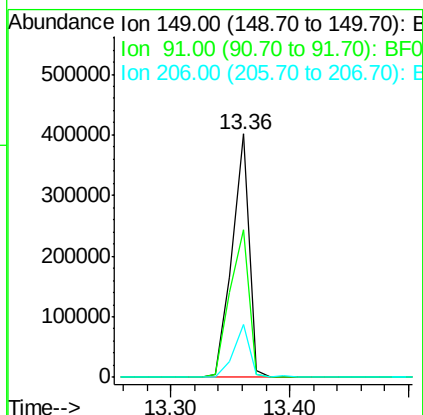
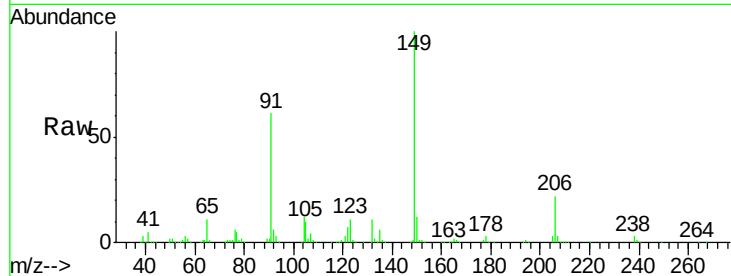
#79
Butylbenzylphthalate
Concen: 41.88 ng
RT: 13.36 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	403042		
91	60.7	55.7	83.5	
206	21.7	15.6	23.4	

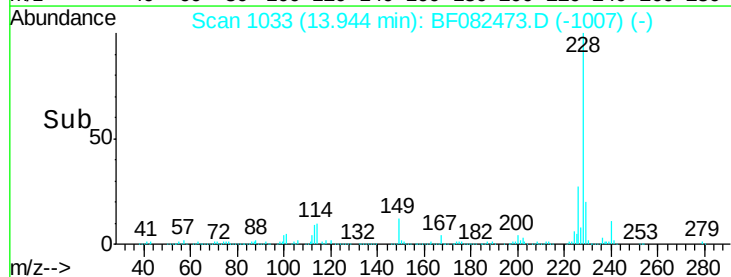
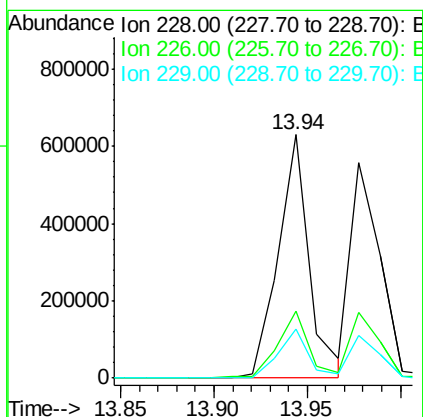
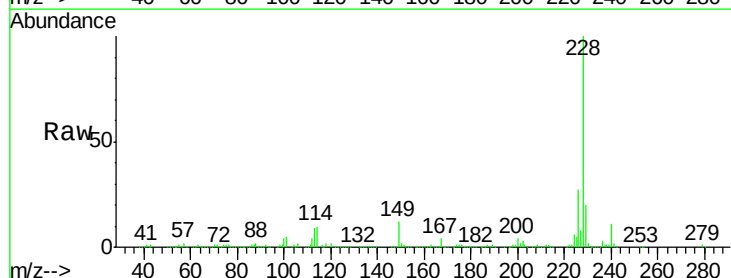
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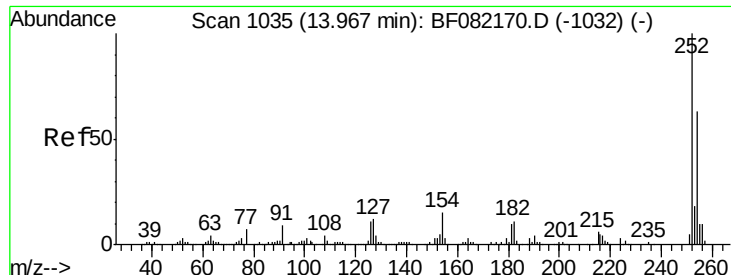
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#80
Benzo(a)anthracene
Concen: 39.38 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	728108		
226	27.5	22.3	33.5	
229	20.0	16.2	24.2	





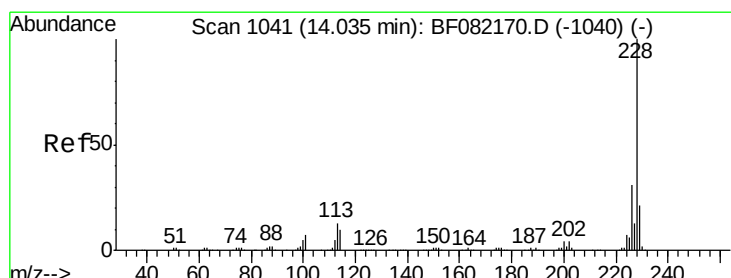
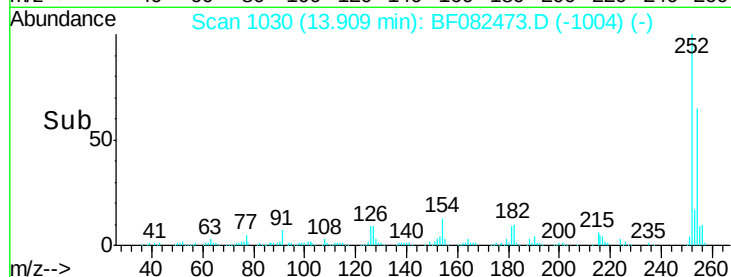
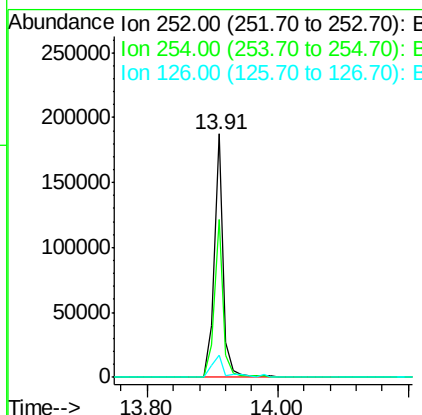
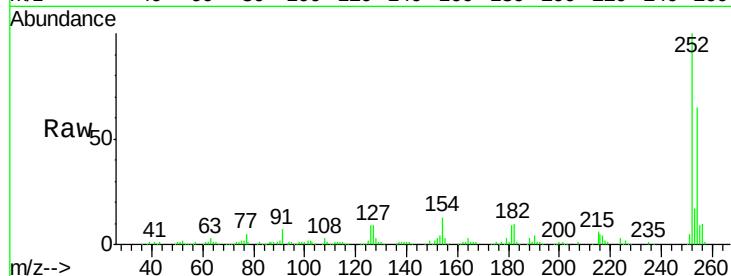
#81
 3,3'-Dichlorobenzidine
 Concen: 26.53 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	186203		
254	64.6	50.7	76.1	
126	9.3	9.0	13.6	

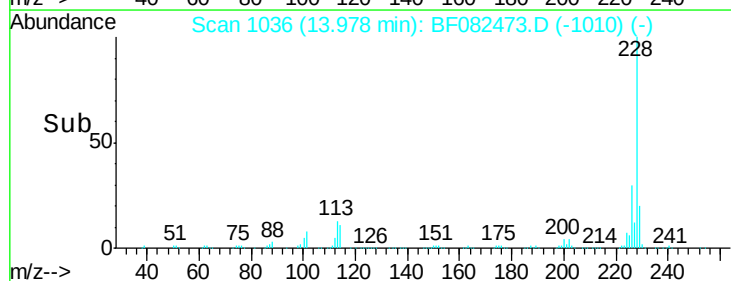
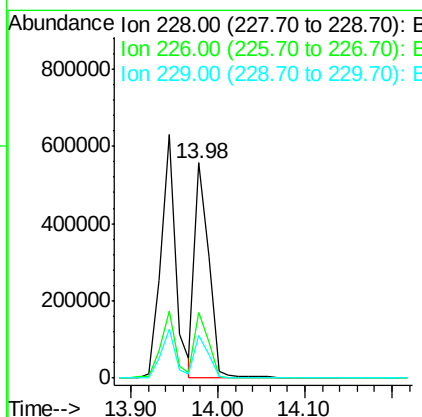
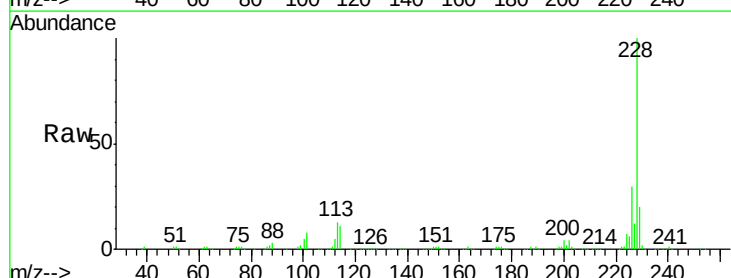
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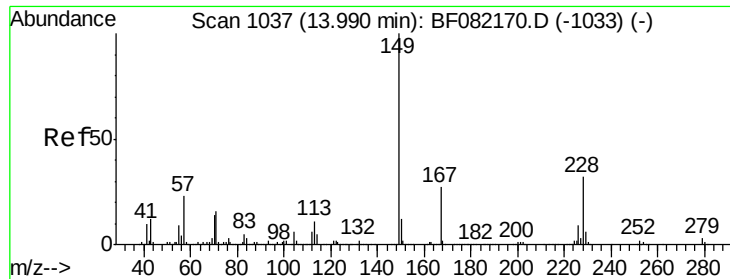
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#82
 Chrysene
 Concen: 32.27 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	628550		
226	30.3	24.4	36.6	
229	19.9	16.3	24.5	





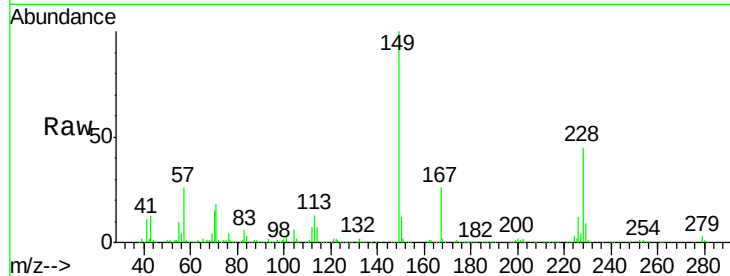
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.22 ng
 RT: 13.93 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

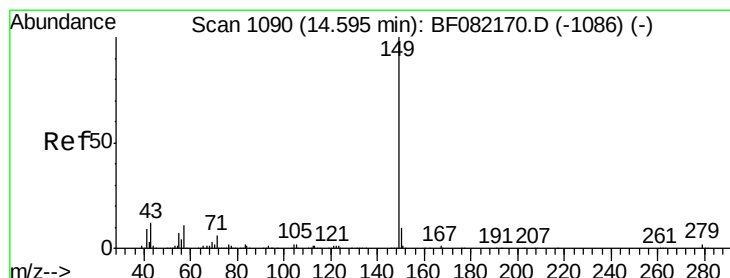
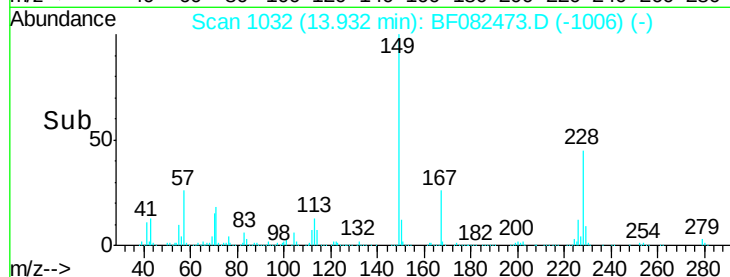
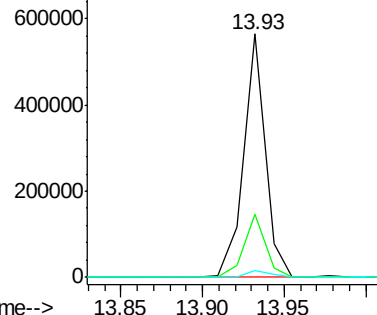
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.9	2.6	4.0

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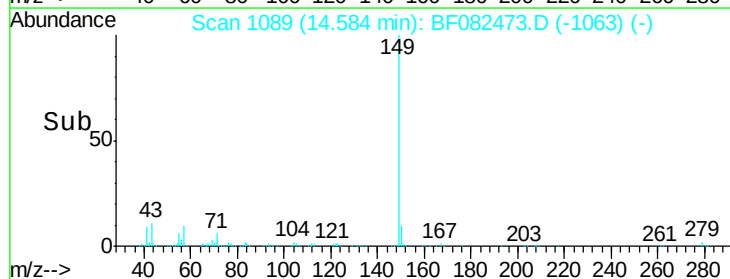
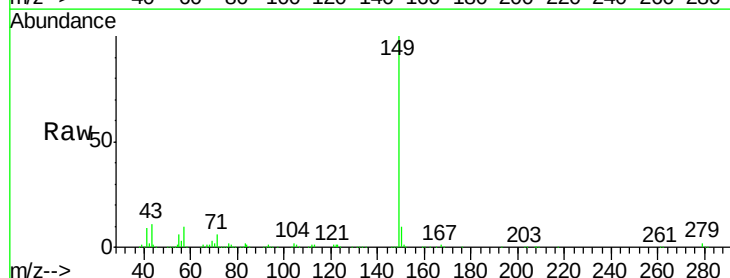
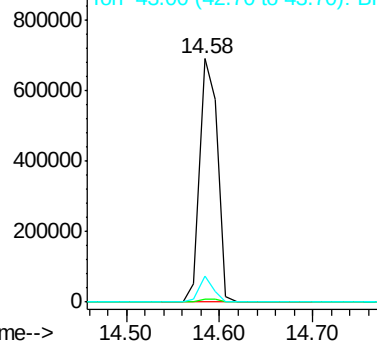
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

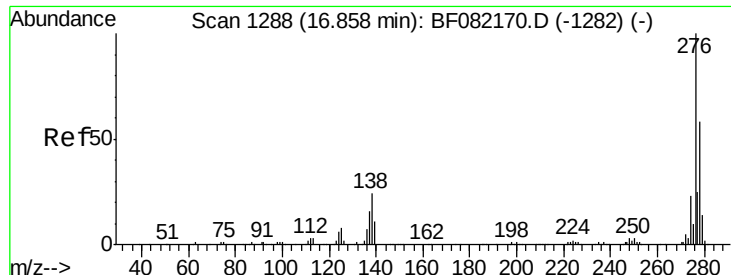


#84
 Di-n-octyl phthalate
 Concen: 38.92 ng
 RT: 14.58 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.9	7.4	11.2

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





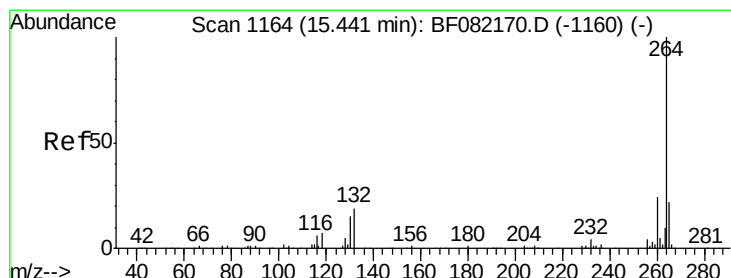
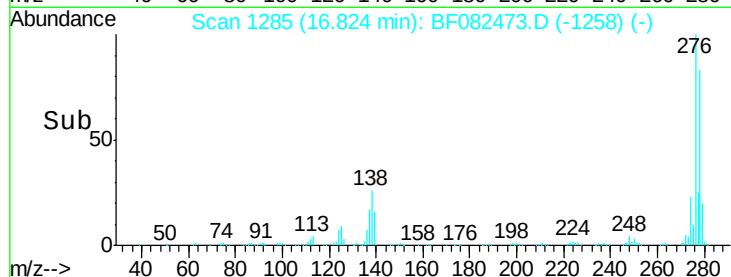
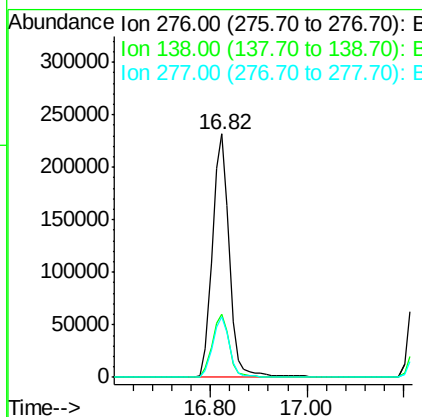
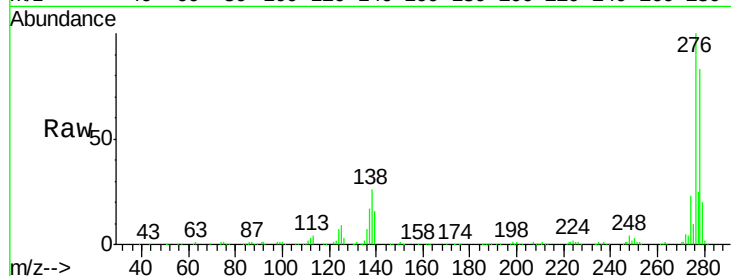
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.16 ng
 RT: 16.82 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	19.7	29.5
277	24.8	20.1	30.1

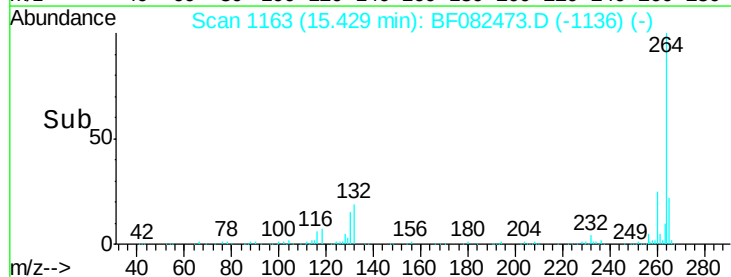
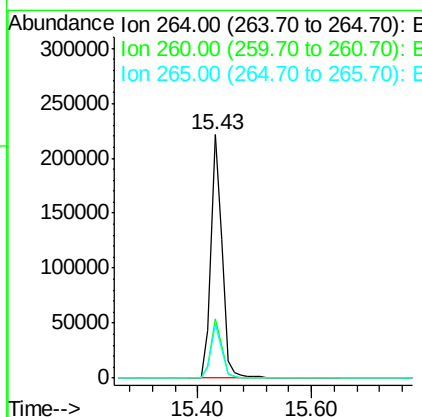
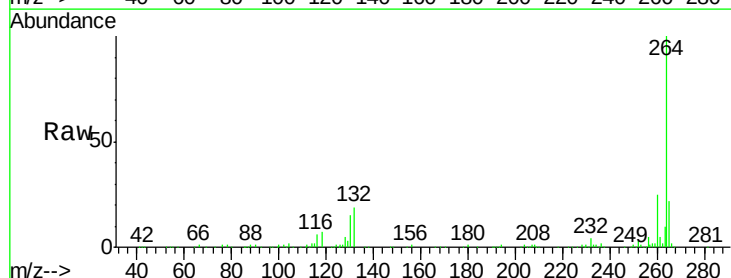
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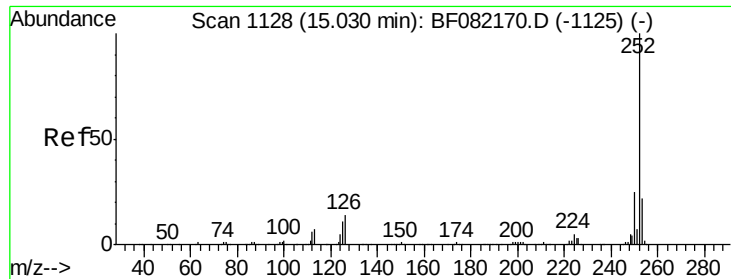
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.2	17.3	25.9





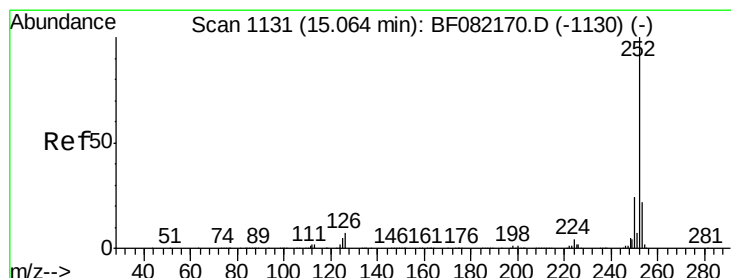
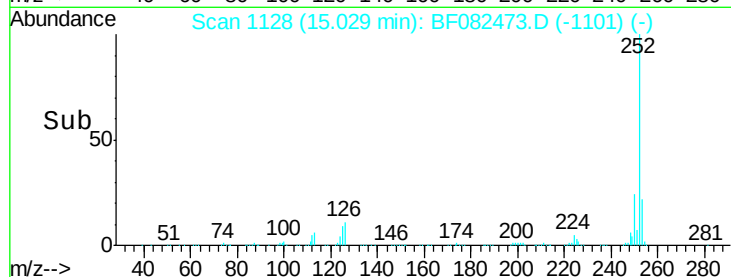
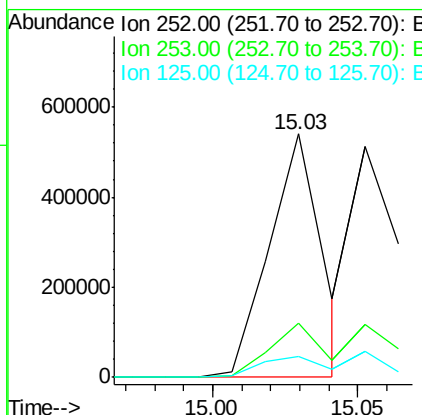
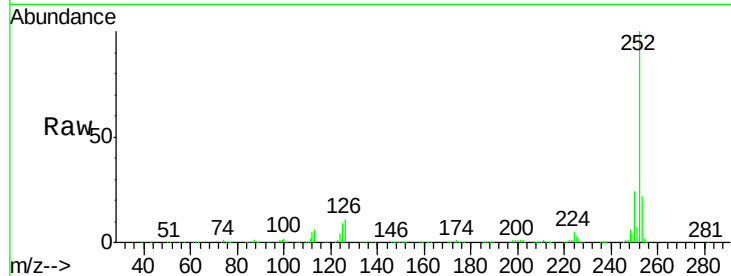
#87
Benzo(b)fluoranthene
Concen: 37.98 ng m
RT: 15.03 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	8.7	8.6	12.8

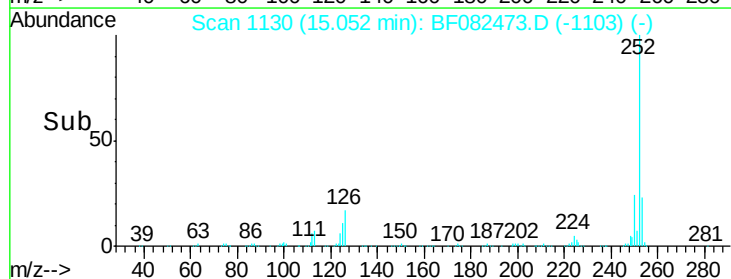
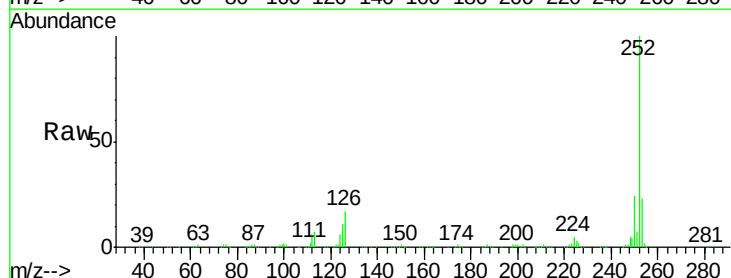
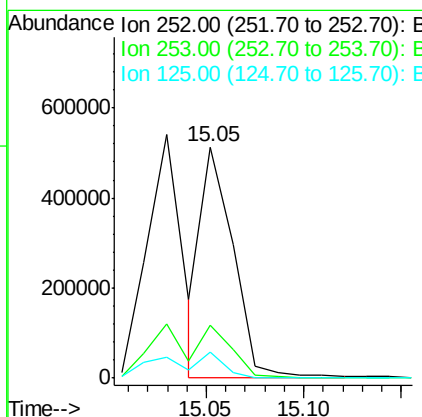
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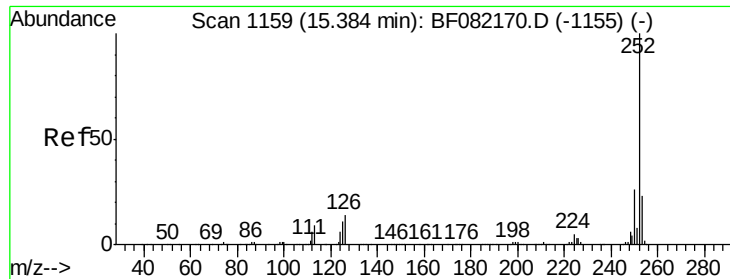
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#88
Benzo(k)fluoranthene
Concen: 39.84 ng m
RT: 15.05 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.4	6.7	10.1#





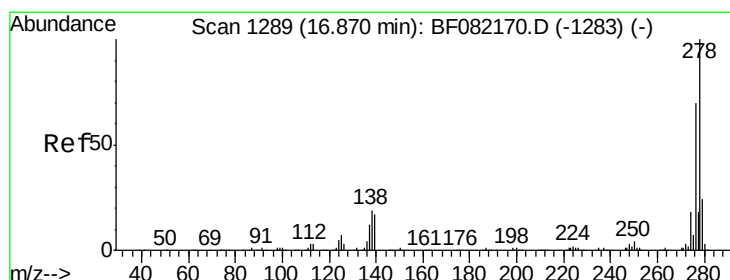
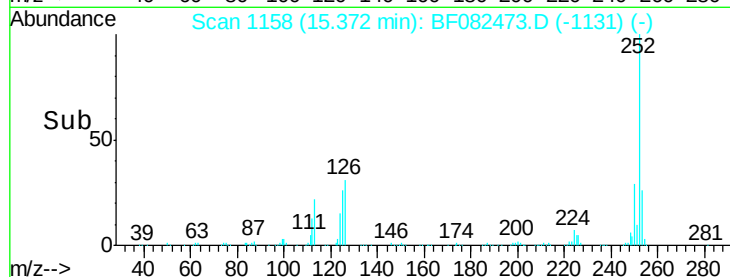
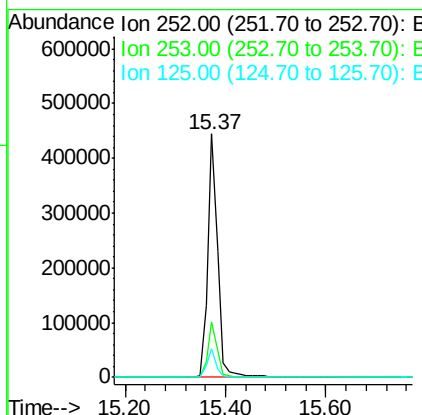
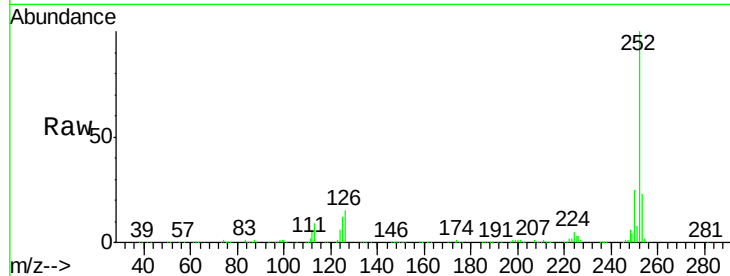
#89
Benzo(a)pyrene
Concen: 39.19 ng
RT: 15.37 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
PB86215BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.8	8.9	13.3

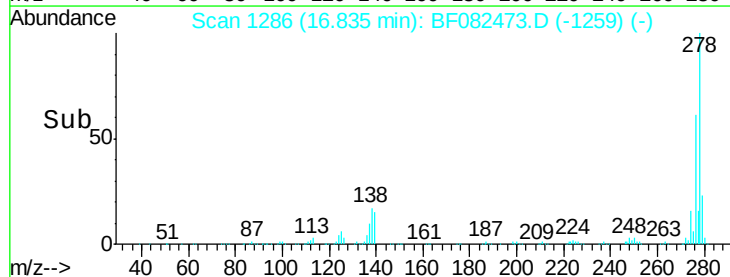
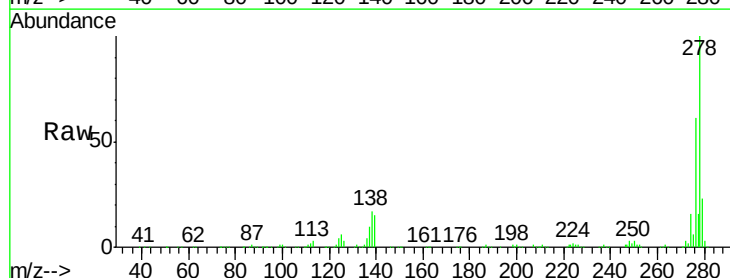
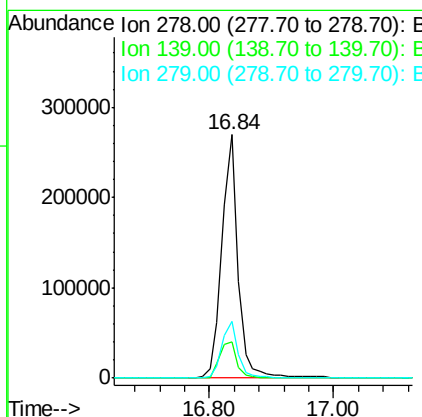
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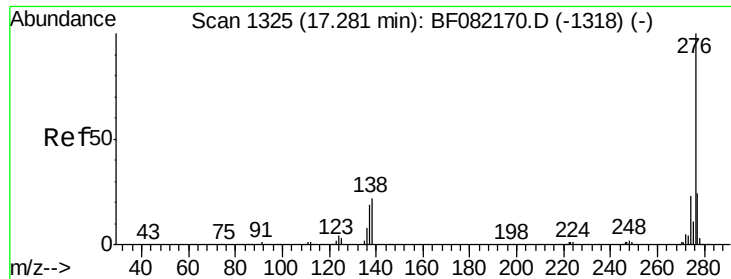
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#90
Dibenzo(a,h)anthracene
Concen: 38.96 ng
RT: 16.84 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF082473.D
Acq: 23 Oct 2015 18:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.3	19.9
279	23.4	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 37.75 ng
 RT: 17.24 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF082473.D
 Acq: 23 Oct 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BS

Tgt Ion:	276	Resp:	458082
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.8	28.2
138	23.3	17.4	26.2

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