

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082353.D
 Acq On : 19 Oct 2015 14:05
 Operator : UM/IZ
 Sample : PB86128BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:25:43 PM

Quant Time: Oct 20 02:12:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102237	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	396108	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	205619	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	392022	20.00	ng	0.00
75) Chrysene-d12	14.13	240	340036	20.00	ng	0.03
86) Perylene-d12	15.76	264	290266	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	462920	91.38	ng	0.01
7) Phenol-d6	6.45	99	549017	83.28	ng	0.00
23) Nitrobenzene-d5	7.38	82	519762	88.12	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	144922	75.15	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1082616	87.32	ng	0.00
78) Terphenyl-d14	12.96	244	1115325	86.92	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	80835	31.76	ng	98
3) Pyridine	3.13	79	211841	35.79	ng	98
4) n-Nitrosodimethylamine	3.10	42	95044	37.86	ng	97
6) Aniline	6.47	93	211225	24.85	ng	# 85
8) 2-Chlorophenol	6.58	128	247101	39.96	ng	# 79
9) Benzaldehyde	6.35	77	125671	37.33	ng	90
10) Phenol	6.46	94	294430	38.74	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	244810	38.09	ng	94
12) 1,3-Dichlorobenzene	6.74	146	287914	39.98	ng	96
13) 1,4-Dichlorobenzene	6.82	146	298511	39.69	ng	98
14) 1,2-Dichlorobenzene	6.97	146	276992	38.79	ng	96
15) Benzyl Alcohol	6.96	79	205440	45.14	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	343238	38.35	ng	96
17) 2-Methylphenol	7.07	107	210358	43.02	ng	98
18) Hexachloroethane	7.31	117	101514	39.43	ng	89
19) n-Nitroso-di-n-propylamine	7.22	70	169652	36.65	ng	# 86
20) 3+4-Methylphenols	7.22	107	251230	43.11	ng	# 86
22) Acetophenone	7.22	105	344783	44.00	ng	94
24) Nitrobenzene	7.39	77	256067	40.11	ng	97
25) Isophorone	7.63	82	483365	40.60	ng	98
26) 2-Nitrophenol	7.71	139	146322	45.90	ng	100
27) 2,4-Dimethylphenol	7.76	122	238536	46.44	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	316898	45.75	ng	99
29) 2,4-Dichlorophenol	7.95	162	226298	44.07	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	239364	40.45	ng	99
31) Naphthalene	8.11	128	702792	40.93	ng	100
32) Benzoic acid	7.90	122	128415	37.25	ng	90
33) 4-Chloroaniline	8.17	127	128286	17.99	ng	99
34) Hexachlorobutadiene	8.23	225	143737	38.98	ng	98
35) Caprolactam	8.55	113	66917m	44.91	ng	
36) 4-Chloro-3-methylphenol	8.66	107	223632	44.54	ng	98
37) 2-Methylnaphthalene	8.81	142	527426	44.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	246064	40.23	ng	98
40) Hexachlorocyclopentadiene	8.96	237	202487	66.94	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	177848	43.78	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	177738	40.39	nq	# 94
45) 1,1'-Biphenyl	9.28	154	649319	41.41	nq	96
46) 2-Chloronaphthalene	9.30	162	515385	41.75	nq	97
47) 2-Nitroaniline	9.41	65	152955	45.14	nq	# 84
48) Acenaphthylene	9.71	152	751795	39.10	nq	100
49) Dimethylphthalate	9.59	163	630732	43.56	nq	98
50) 2,6-Dinitrotoluene	9.65	165	120963	39.59	nq	# 69
51) Acenaphthene	9.89	154	446290	38.66	nq	99
52) 3-Nitroaniline	9.82	138	63922	18.52	nq	96
53) 2,4-Dinitrophenol	9.93	184	119765	70.94	nq	97
54) Dibenzofuran	10.06	168	671988	42.40	nq	96
55) 4-Nitrophenol	10.00	139	175339	75.30	nq	90
56) 2,4-Dinitrotoluene	10.06	165	186879	48.94	nq	97
57) Fluorene	10.40	166	535274	41.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	152490	42.41	nq	100
59) Diethylphthalate	10.29	149	628938	46.60	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	277559	46.55	nq	# 87
61) 4-Nitroaniline	10.43	138	123595	36.92	nq	95
62) Azobenzene	10.56	77	597114	45.20	nq	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	89132	40.51	nq	83
65) n-Nitrosodiphenylamine	10.53	169	501250	42.71	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	167381	42.66	nq	# 88
67) Hexachlorobenzene	10.95	284	167951	39.58	nq	# 72
68) Atrazine	11.05	200	161450	43.42	nq	99
69) Pentachlorophenol	11.15	266	188022	86.12	nq	99
70) Phenanthrene	11.37	178	877035	45.64	nq	100
71) Anthracene	11.42	178	819215	41.37	nq	99
72) Carbazole	11.58	167	726262	40.21	nq	100
73) Di-n-butylphthalate	11.91	149	926464	41.58	nq	100
74) Fluoranthene	12.57	202	898933	43.56	nq	99
76) Benzidine	12.71	184	302420	30.69	nq	97
77) Pyrene	12.81	202	944322	46.80	nq	99
79) Butylbenzylphthalate	13.49	149	425088	46.16	nq	# 82
80) Benzo(a)anthracene	14.12	228	748860	42.33	nq	100
81) 3,3'-Dichlorobenzidine	14.08	252	173317	25.81	nq	99
82) Chrysene	14.16	228	760346	40.79	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	559423	42.58	nq	99
84) Di-n-octyl phthalate	14.86	149	965894	42.81	nq	100
85) Indeno(1,2,3-cd)pyrene	17.20	276	609126	41.11	nq	98
87) Benzo(b)fluoranthene	15.33	252	660345m	37.39	nq	
88) Benzo(k)fluoranthene	15.36	252	701591m	47.27	nq	
89) Benzo(a)pyrene	15.69	252	645799	42.55	nq	99
90) Dibenzo(a,h)anthracene	17.22	278	519117	41.74	nq	97
91) Benzo(g,h,i)perylene	17.64	276	490950	40.63	nq	98

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

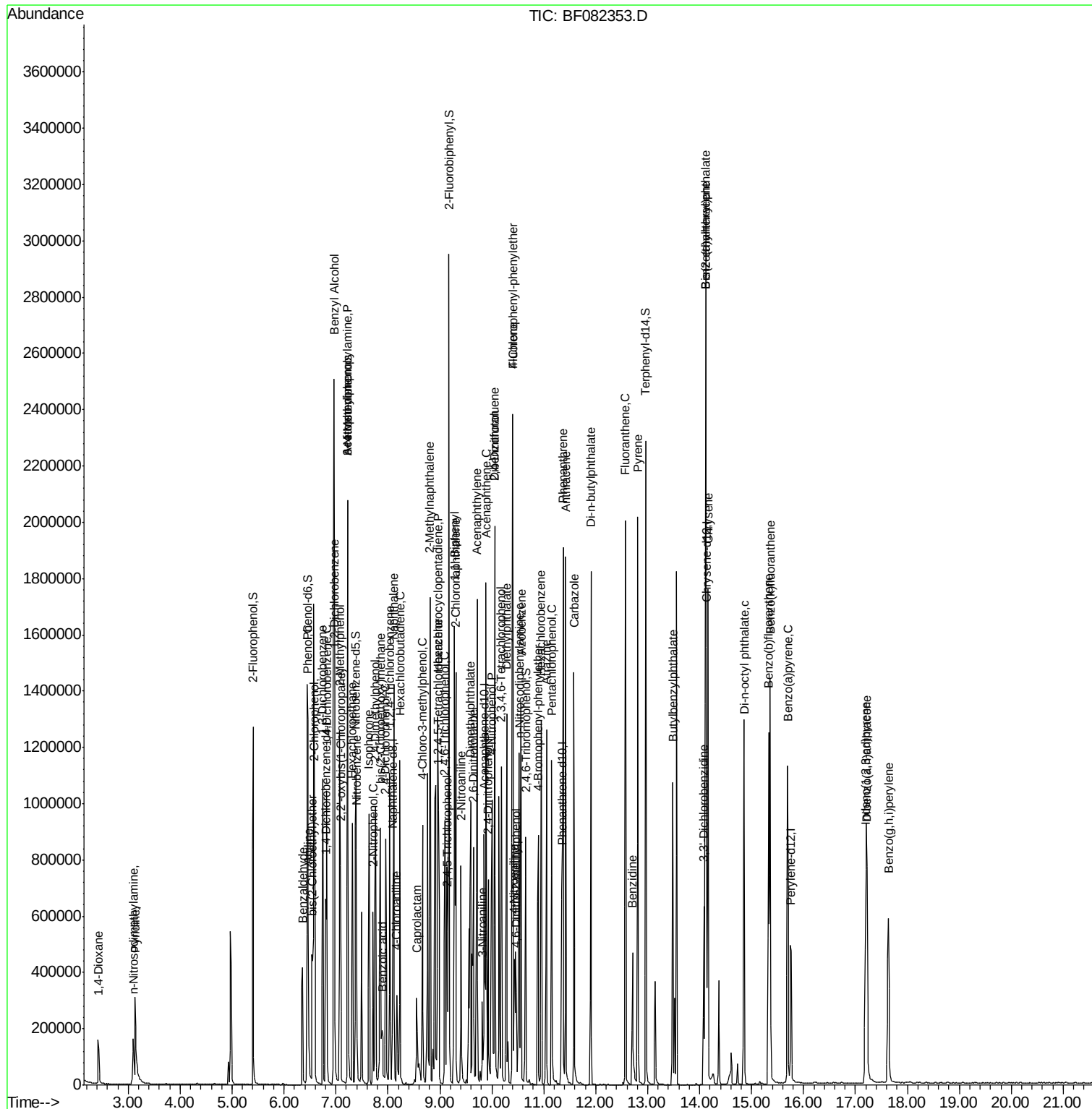
Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
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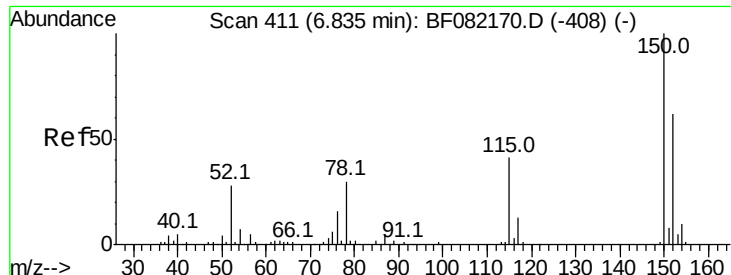
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

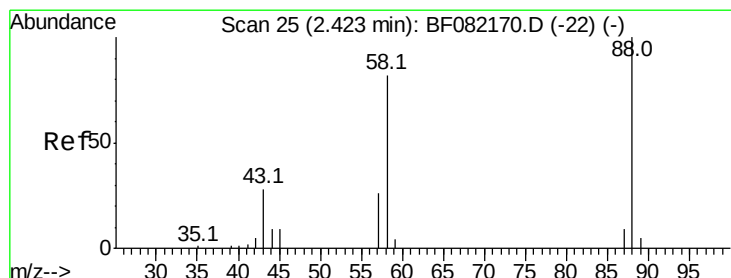
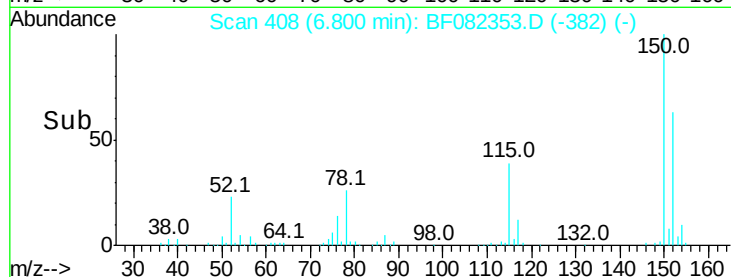
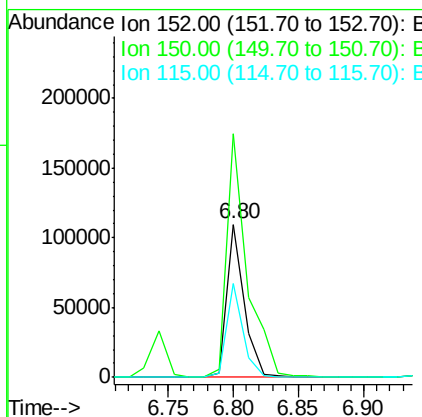
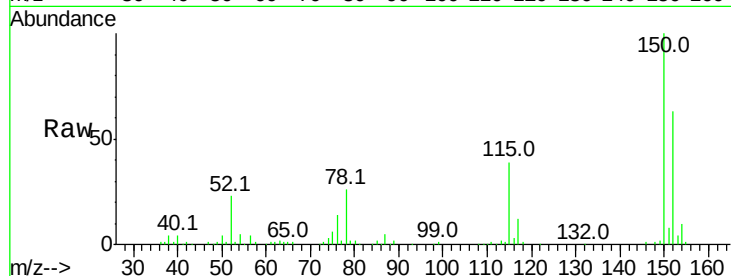
ClientSampleId :

PB86128BSD

Tot Ion:	152	Resp:	102237
Ion Ratio	Lower	Upper	
152	100		
150	158.9	129.0	193.4
115	61.6	52.1	78.1

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#2

1,4-Dioxane

Concen: 31.76 ng

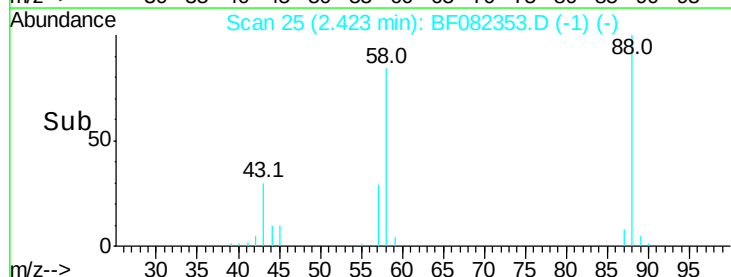
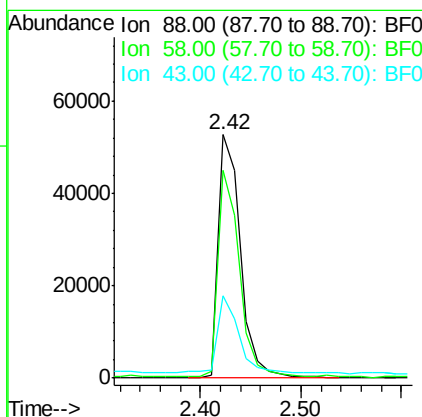
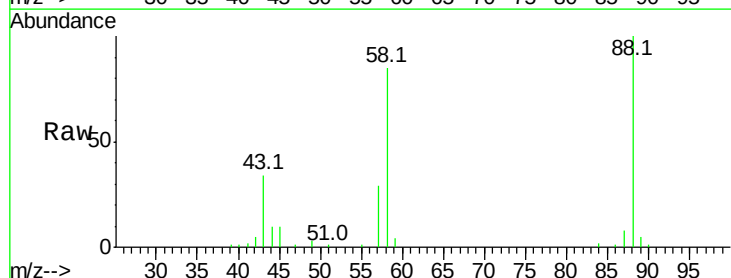
RT: 2.42 min Scan# 25

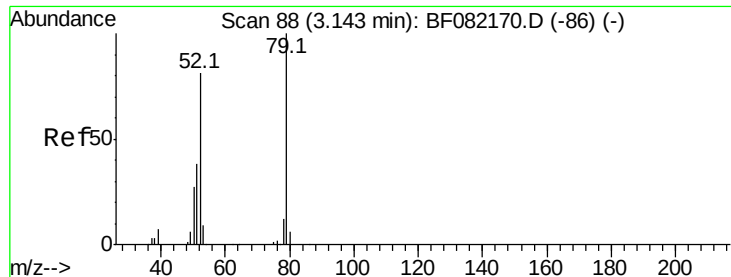
Delta R.T. 0.08 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	88	Resp:	80835
Ion Ratio	Lower	Upper	
88	100		
58	85.4	66.2	99.4
43	29.5	23.0	34.4





#3

Pvridine

Concen: 35.79 ng

RT: 3.13 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

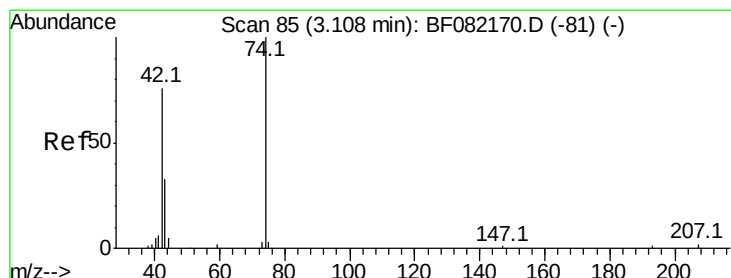
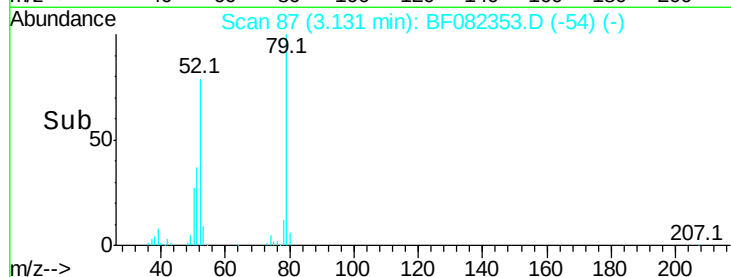
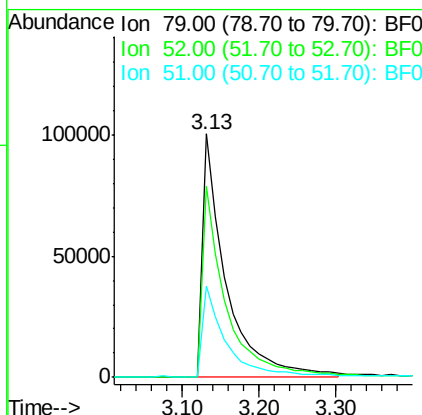
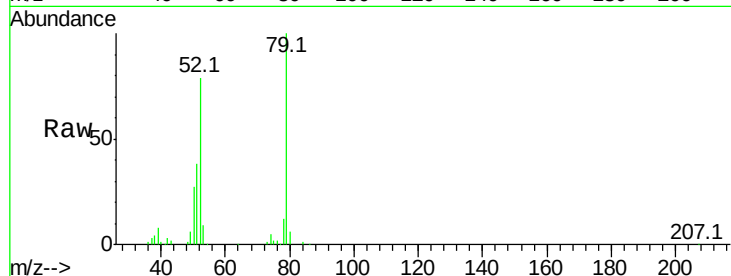
ClientSampleId :

PB86128BSD

Tot Ion:	79	Resp:	211841
Ion Ratio	Lower	Upper	
79	100		
52	78.6	64.4	96.6
51	37.6	30.5	45.7

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#4

n-Nitrosodimethylamine

Concen: 37.86 ng

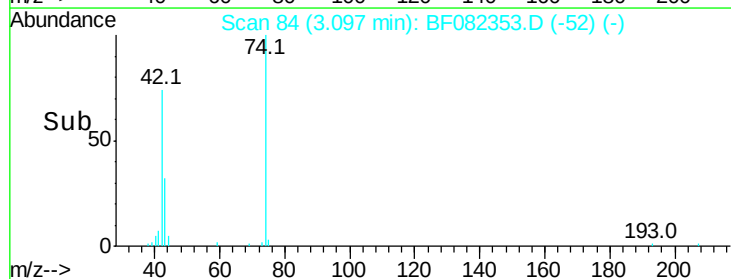
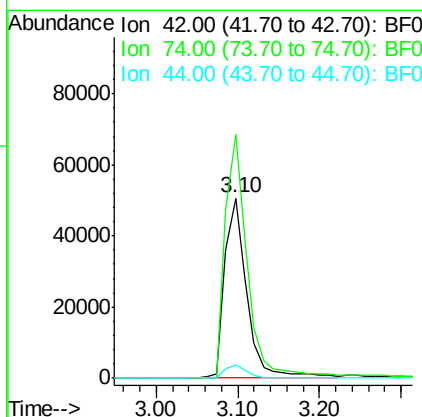
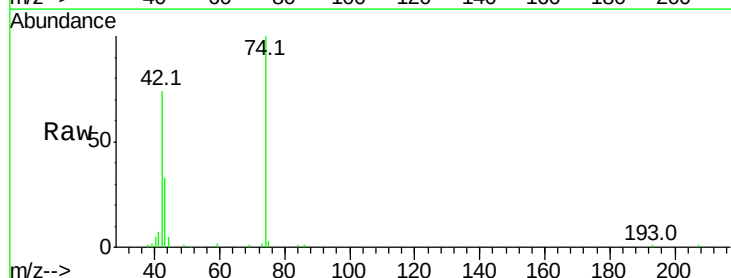
RT: 3.10 min Scan# 84

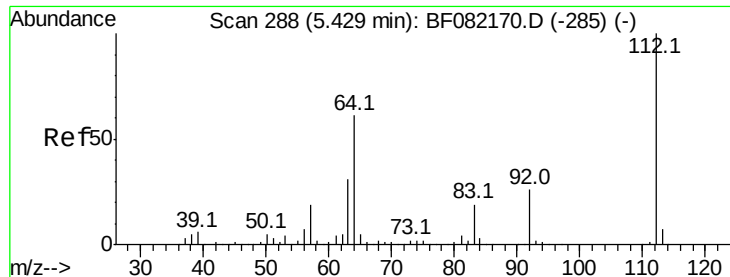
Delta R.T. 0.07 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	42	Resp:	95044
Ion Ratio	Lower	Upper	
42	100		
74	135.4	105.7	158.5
44	7.2	5.4	8.2





#5

2-Fluorophenol

Concen: 91.38 ng

RT: 5.41 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

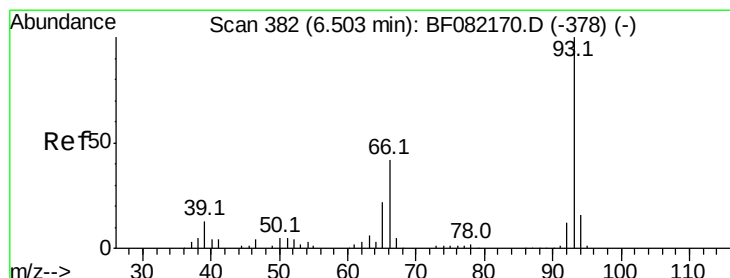
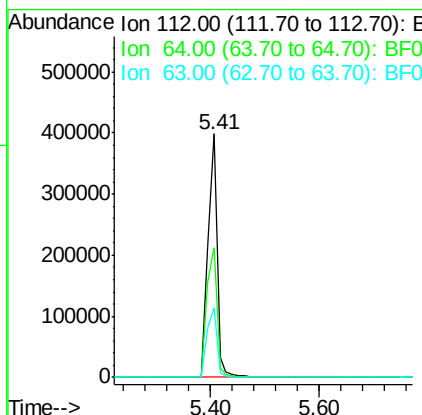
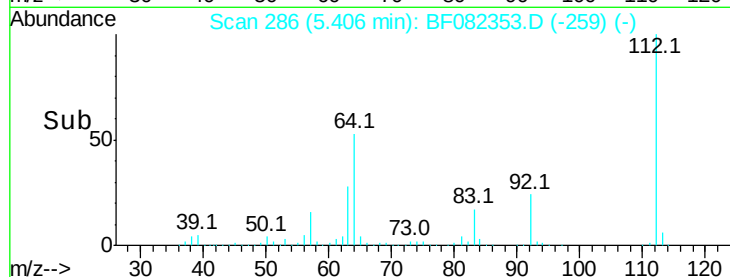
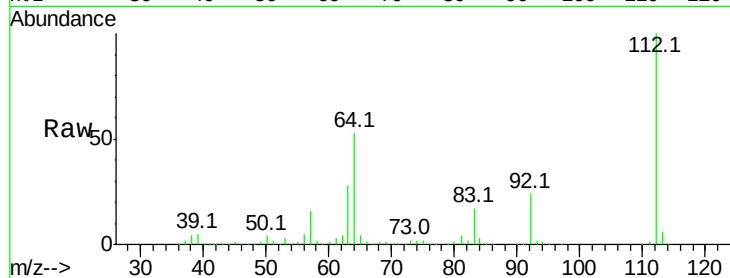
ClientSampleId :

PB86128BSD

Tot Ion:	112	Resp:	462920
Ion Ratio	Lower	Upper	
112	100		
64	53.2	48.6	73.0
63	28.3	25.1	37.7

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#6

Aniline

Concen: 24.85 ng

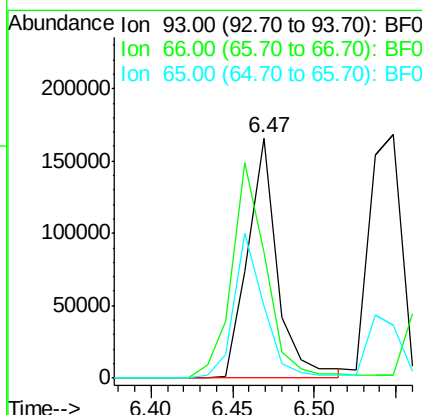
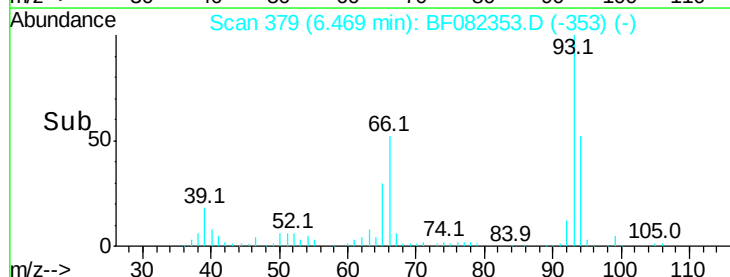
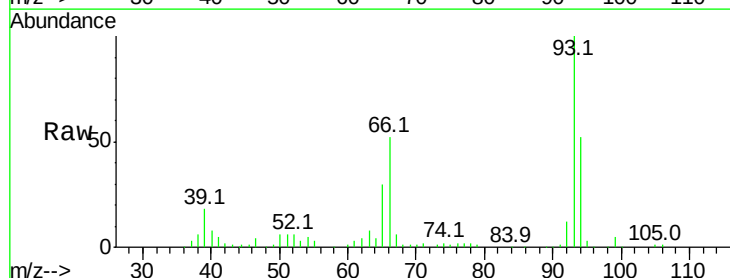
RT: 6.47 min Scan# 379

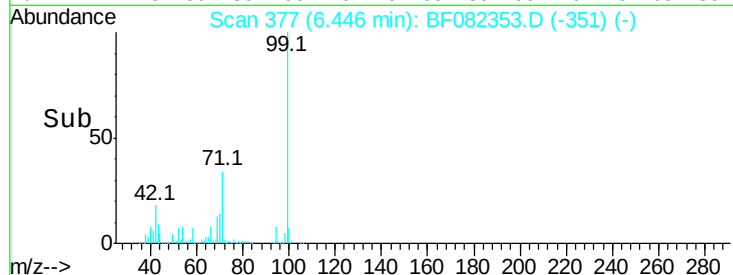
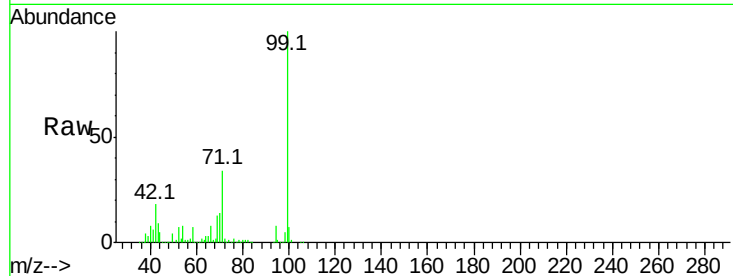
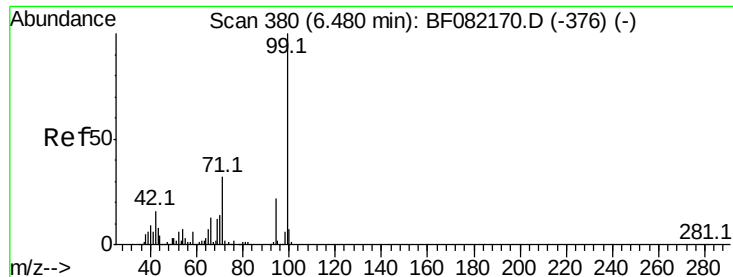
Delta R.T. 0.00 min

Lab File: BF082353.D

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Tgt Ion:	93	Resp:	211225
Ion Ratio	Lower	Upper	
93	100		
66	52.2	34.2	51.2#
65	29.9	17.9	26.9#





#7

Phenol-d6

Concen: 83.28 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tot Ion:	99	Resp:	549017
Ion Ratio	Lower	Upper	
99	100		
42	18.3	13.2	19.8
71	34.3	25.6	38.4

Instrument :

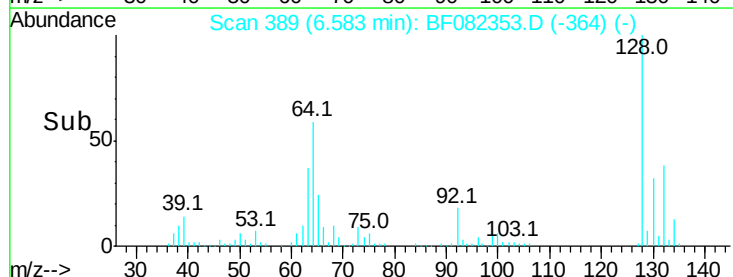
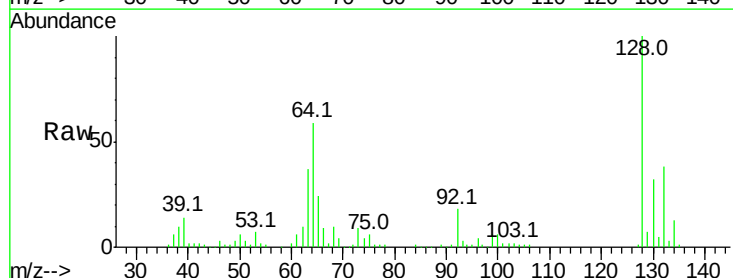
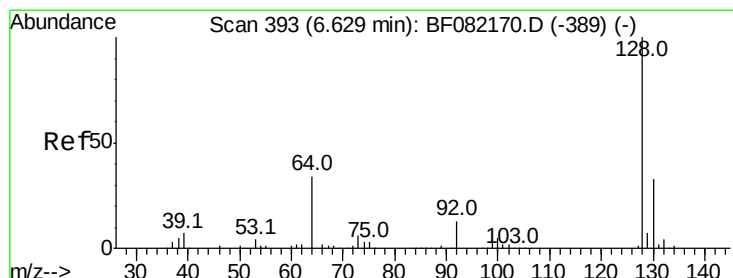
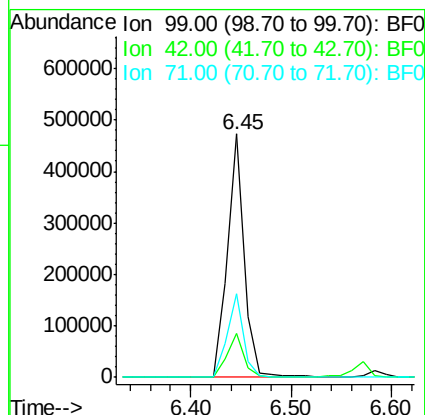
BNA_F

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Manual Integrations
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#8

2-Chlorophenol

Concen: 39.96 ng

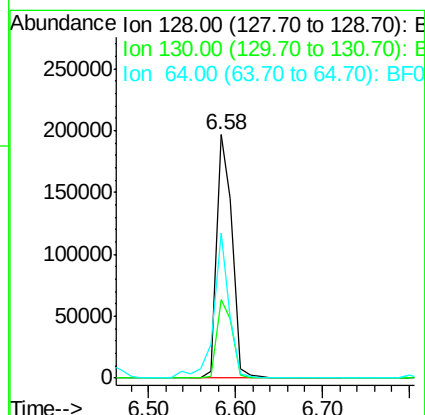
RT: 6.58 min Scan# 389

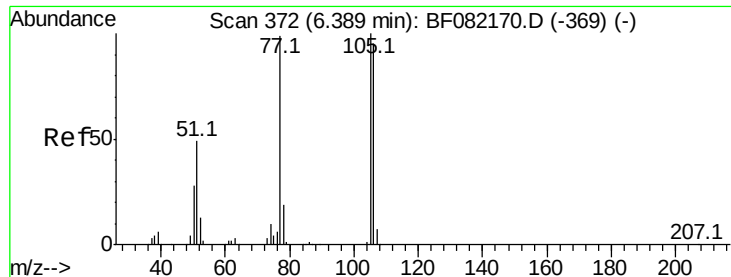
Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	128	Resp:	247101
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.6	52.6
64	59.4	16.7	56.7#





#9

Benzaldehyde

Concen: 37.33 ng

RT: 6.35 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

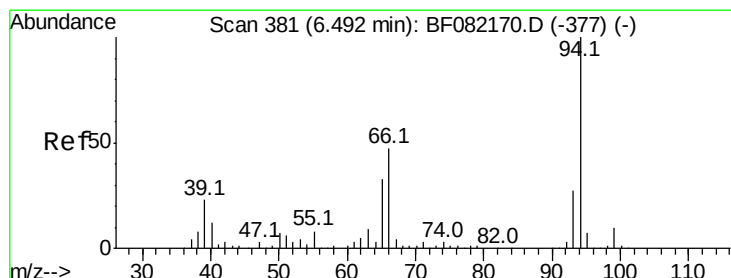
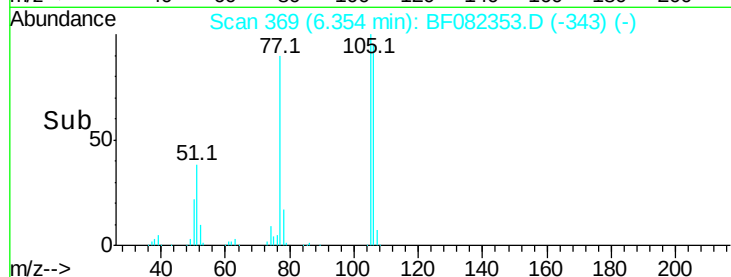
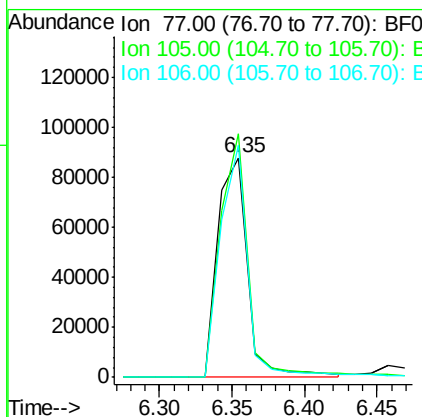
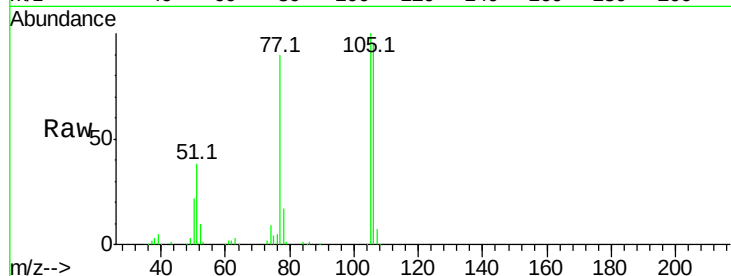
ClientSampleId :

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Tot Ion:	77	Resp:	125671
Ion Ratio	Lower	Upper	
77	100		
105	110.7	80.6	120.6
106	105.7	75.5	115.5



#10

Phenol

Concen: 38.74 ng

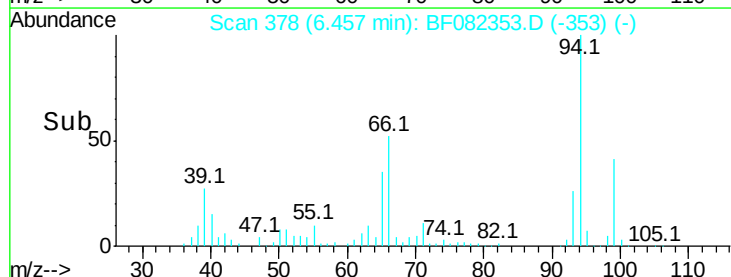
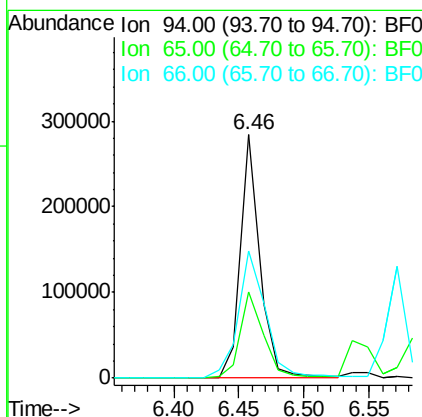
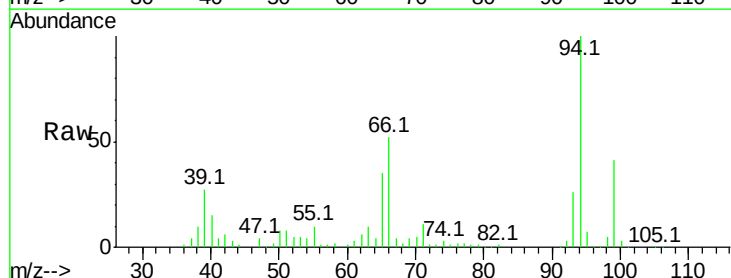
RT: 6.46 min Scan# 378

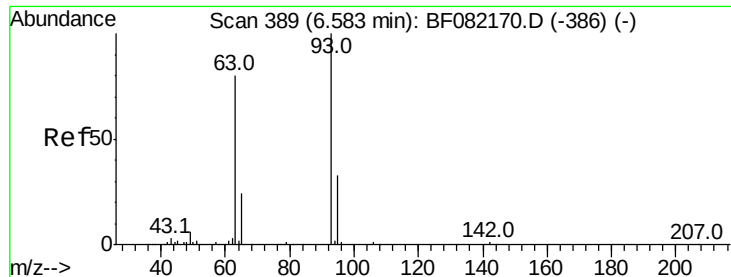
Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	94	Resp:	294430
Ion Ratio	Lower	Upper	
94	100		
65	35.2	12.6	52.6
66	52.3	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 38.09 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

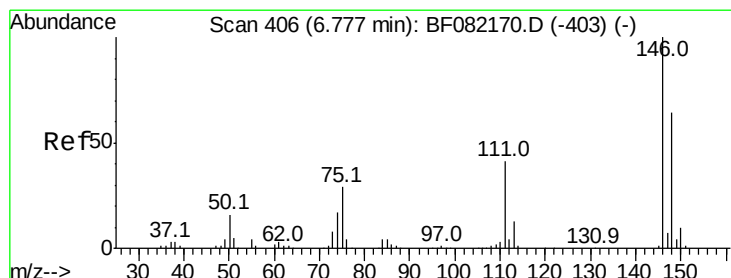
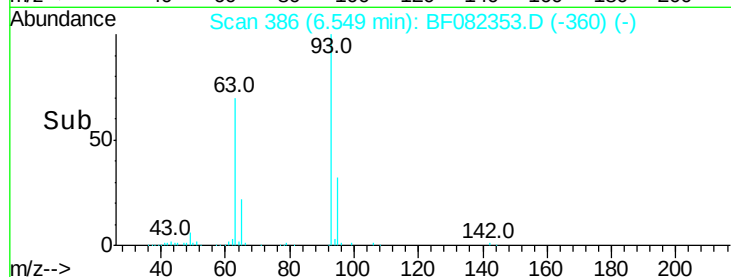
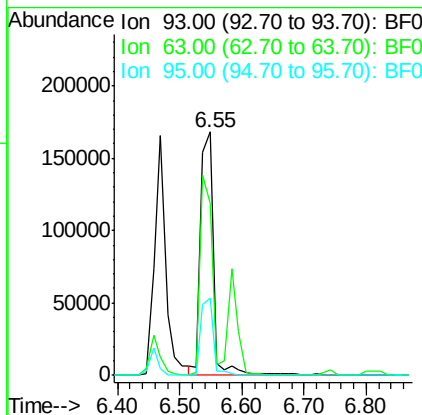
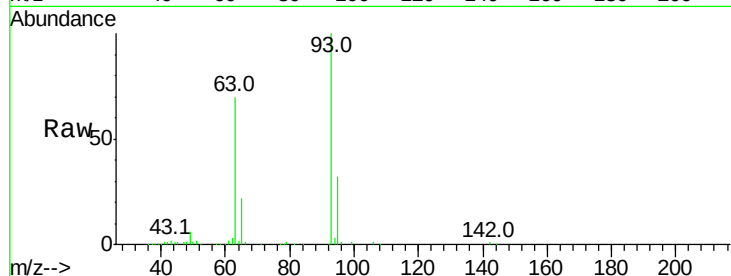
ClientSampleId :

PB86128BSD

Tot Ion:	93	Resp:	244810
Ion Ratio	Lower	Upper	
93	100		
63	70.4	57.1	97.1
95	32.0	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 39.98 ng

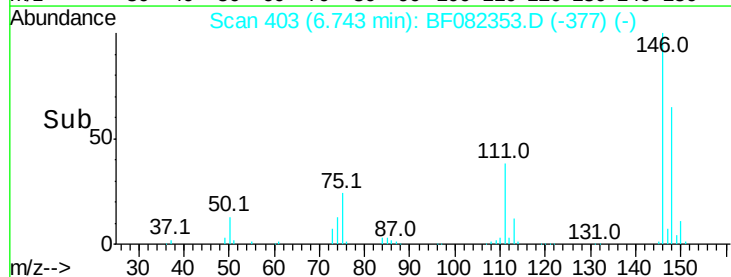
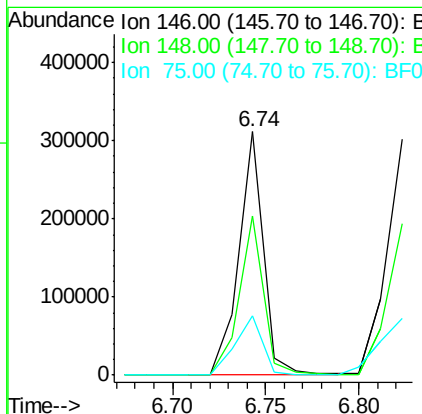
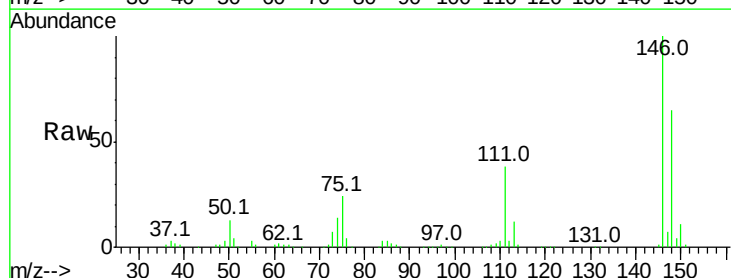
RT: 6.74 min Scan# 403

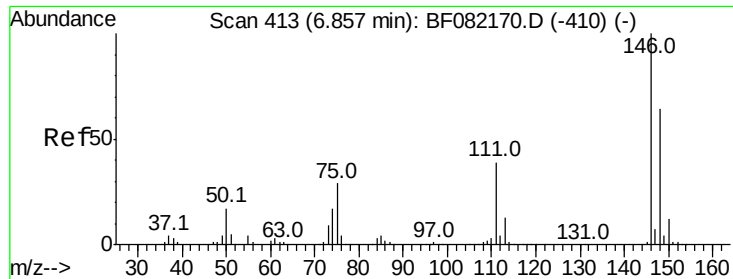
Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	146	Resp:	287914
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.4	77.2
75	24.1	23.0	34.6





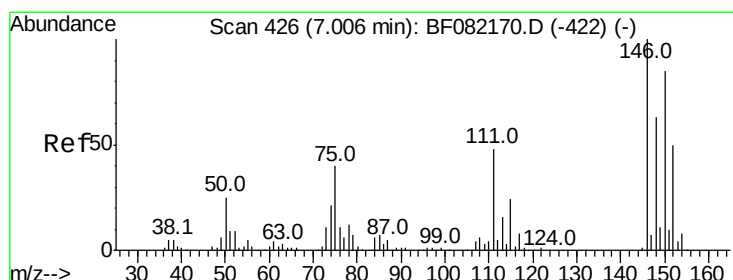
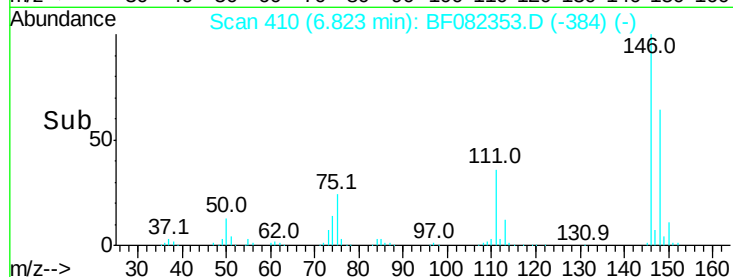
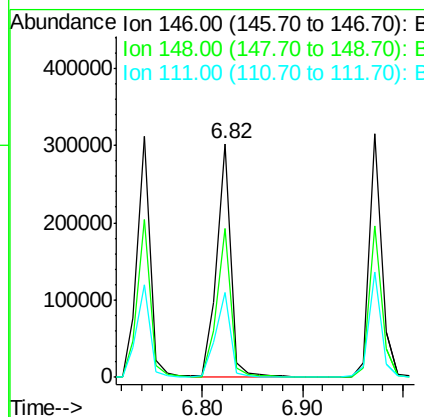
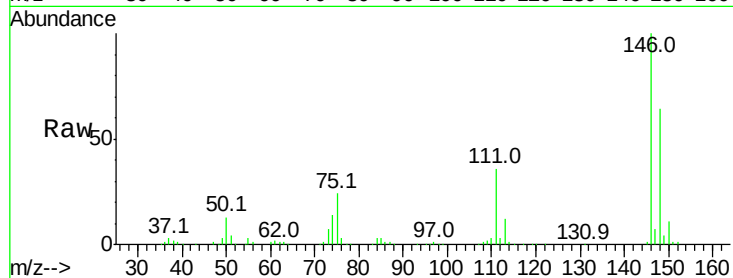
#13
 1,4-Dichlorobenzene
 Concen: 39.69 ng
 RT: 6.82 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	298511		
148	64.0		51.0	76.4
111	36.2		31.1	46.7

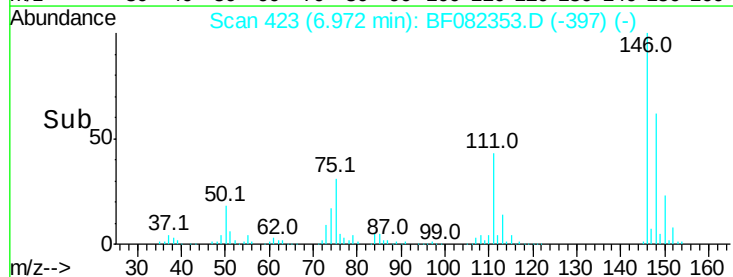
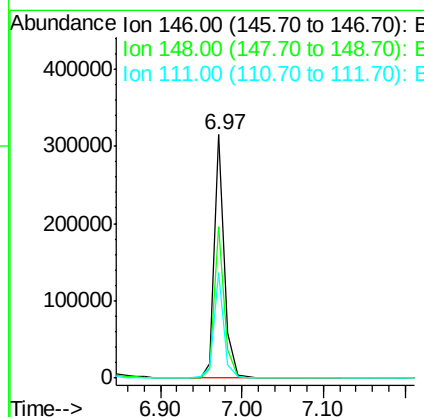
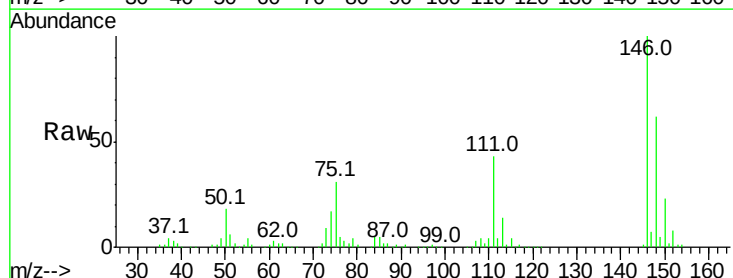
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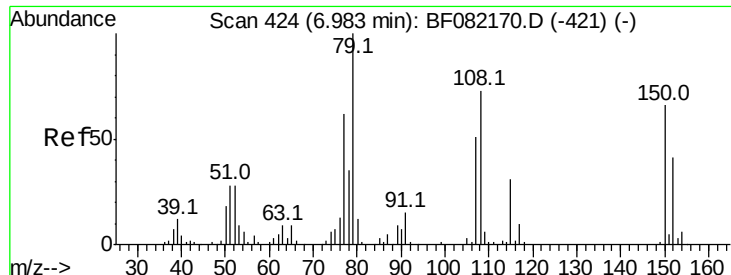
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 38.79 ng
 RT: 6.97 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	276992		
148	62.1		50.5	75.7
111	43.1		38.5	57.7





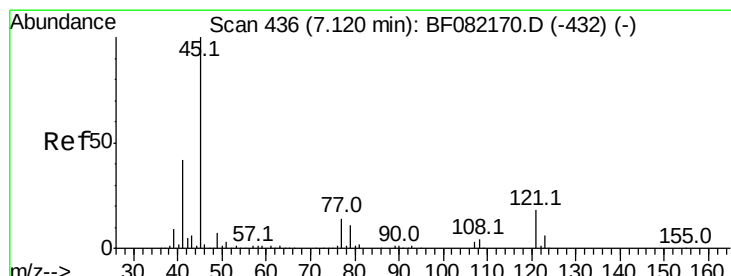
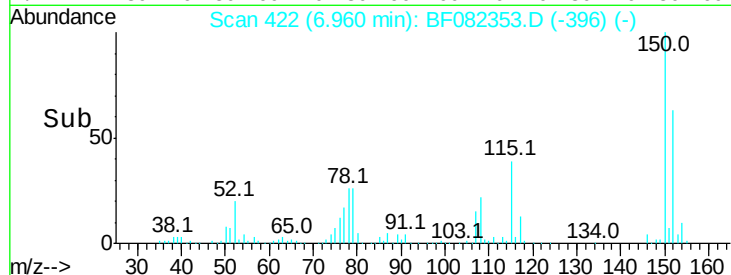
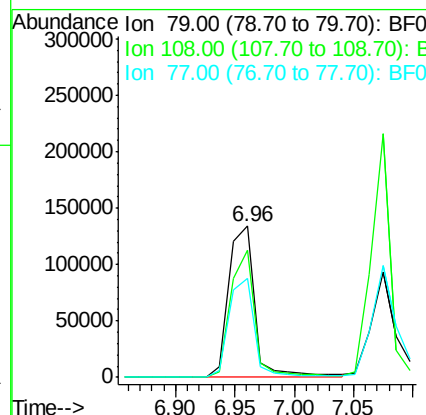
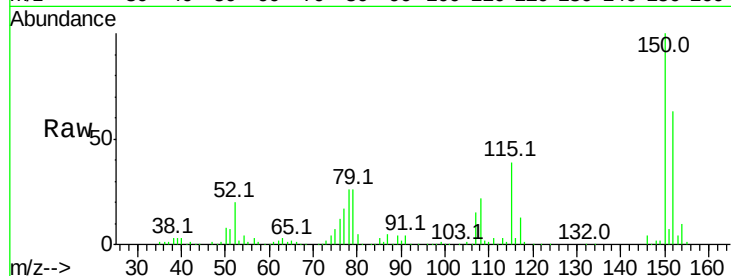
#15
Benzyl Alcohol
Concen: 45.14 ng
RT: 6.96 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.0	58.4	87.6
77	65.1	49.8	74.6

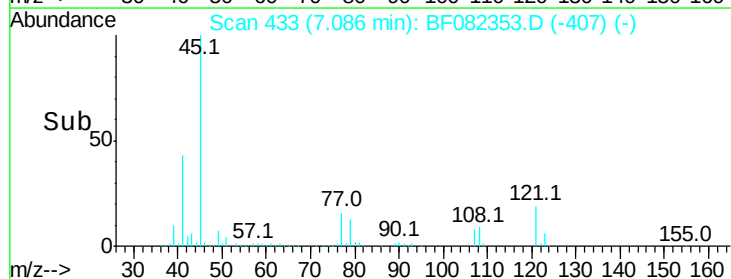
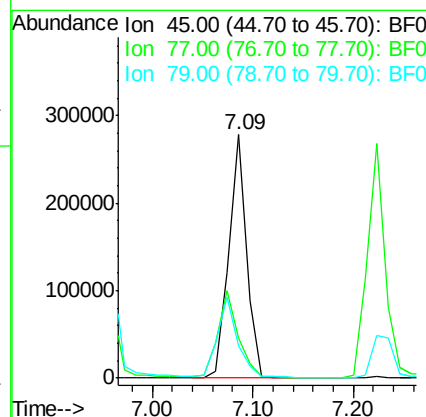
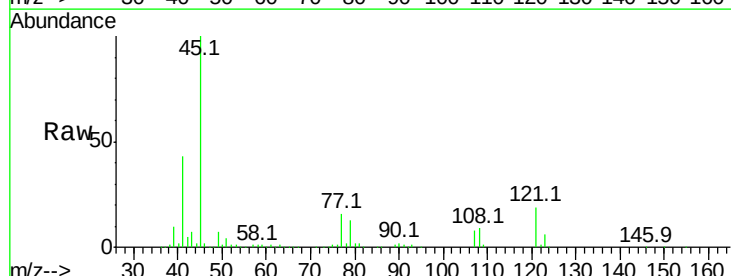
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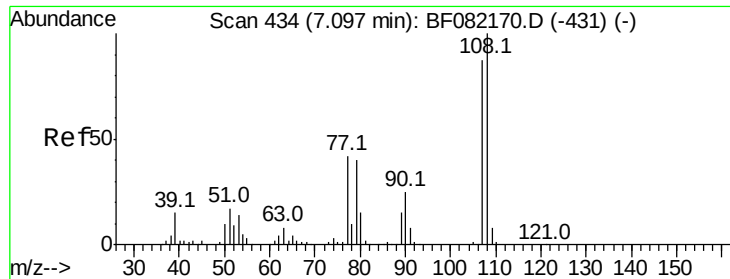
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.35 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	34.5
79	13.1	0.0	31.6





#17

2-Methylphenol

Concen: 43.02 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

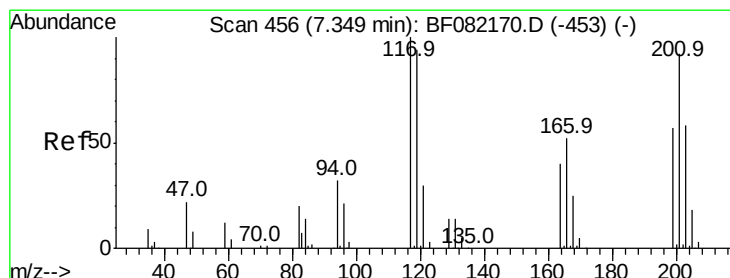
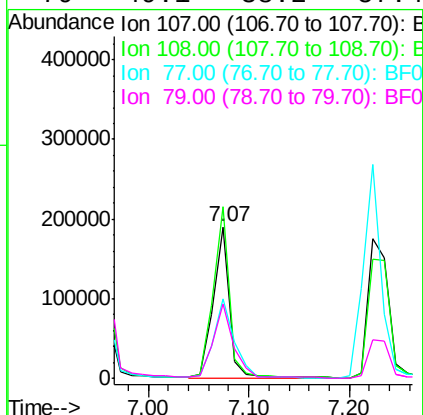
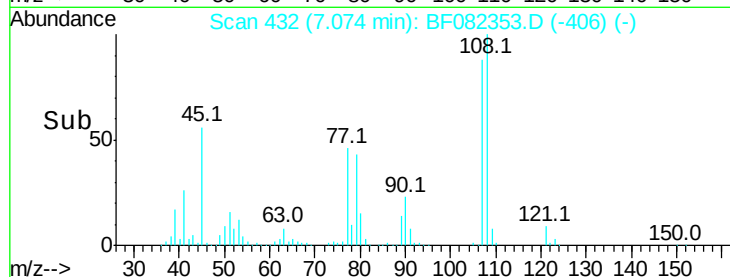
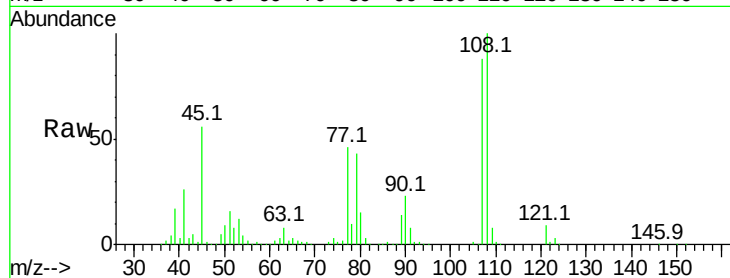
ClientSampleId :

PB86128BSD

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MMdadoda
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Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	92.2	138.2	
77	52.2	39.6	59.4	
79	49.1	38.2	57.4	



#18

Hexachloroethane

Concen: 39.43 ng

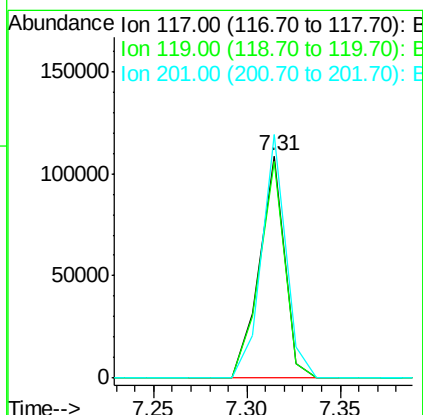
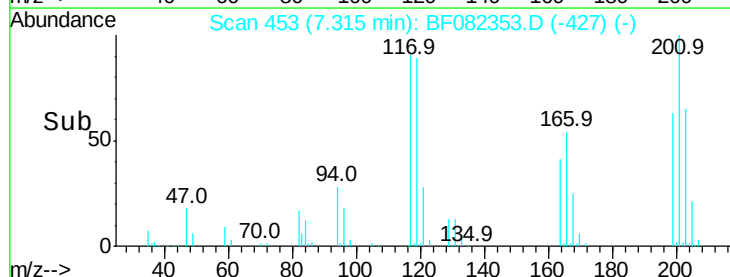
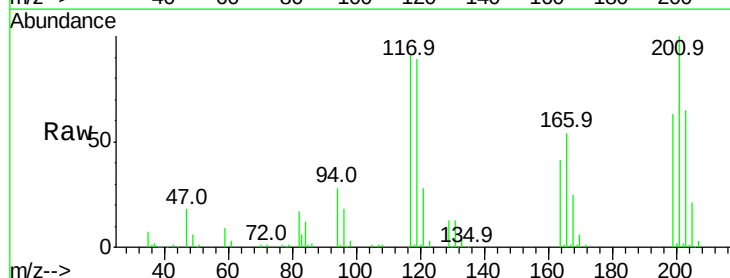
RT: 7.31 min Scan# 453

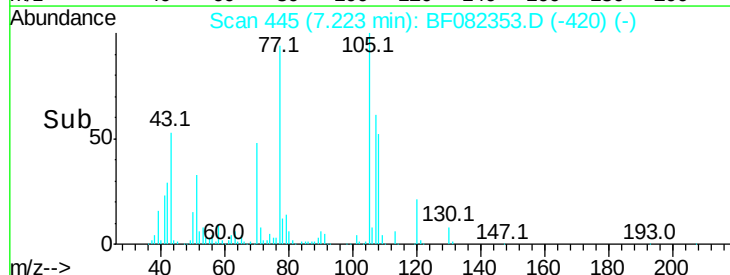
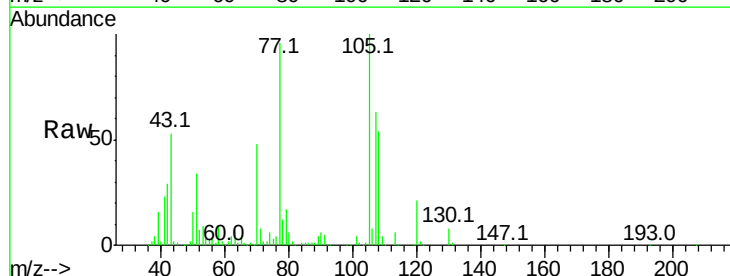
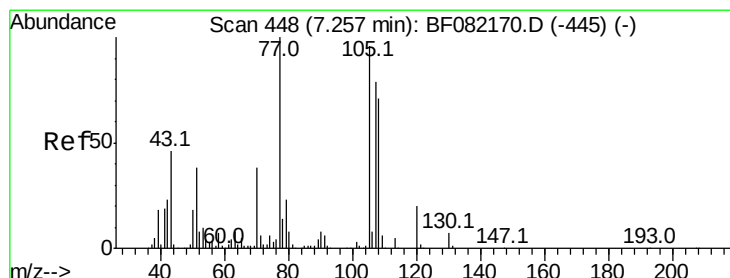
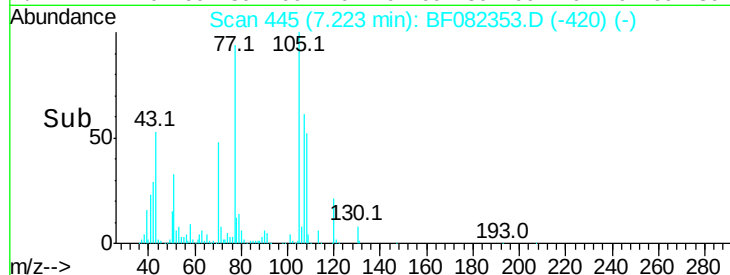
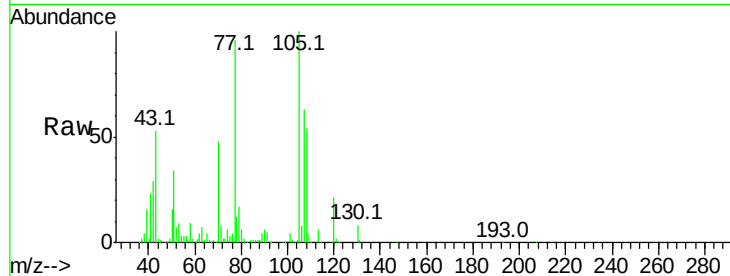
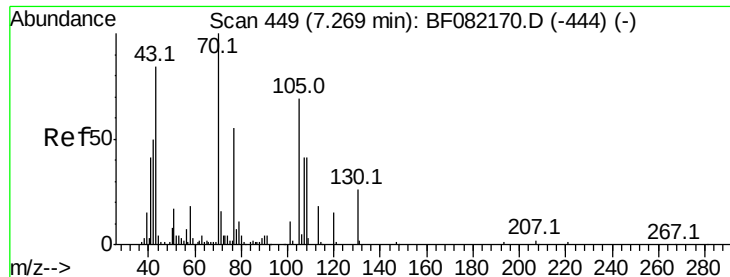
Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.4	113.2	
201	109.5	73.4	110.0	





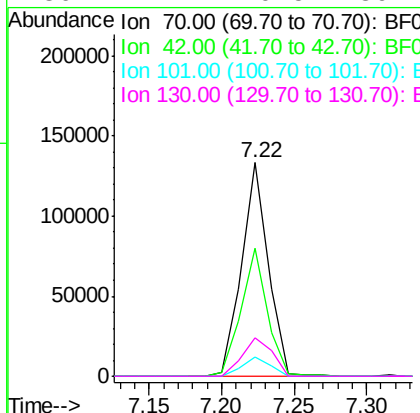
#19
n-Nitroso-di-n-propylamine
Concen: 36.65 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		169652		
42	59.8	39.8	59.8#		
101	9.0	8.6	13.0		
130	17.7	20.5	30.7#		

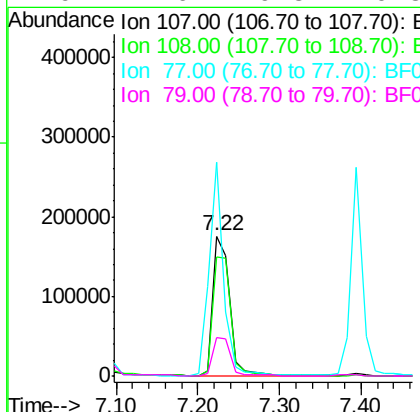
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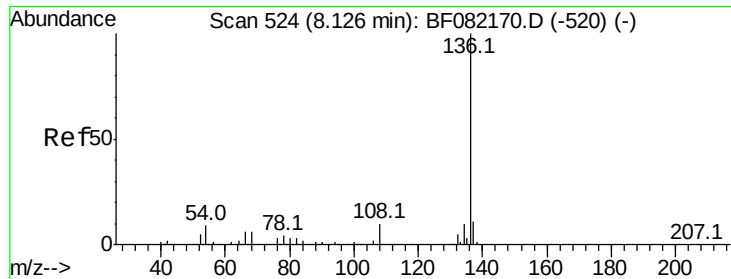
MMdadoda
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#20
3+4-Methylphenols
Concen: 43.11 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		251230		
108	85.8	69.9	109.9		
77	153.1	106.0	146.0#		
79	27.6	9.8	49.8		





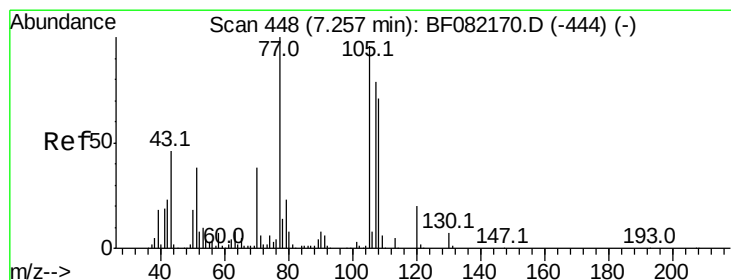
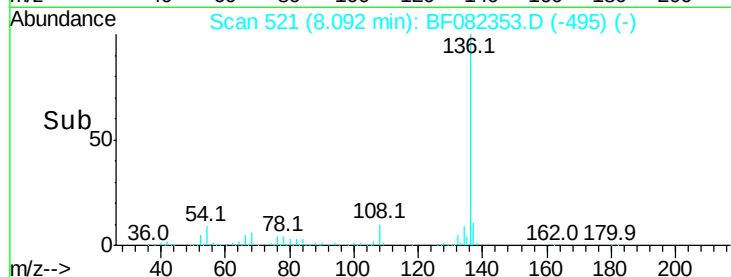
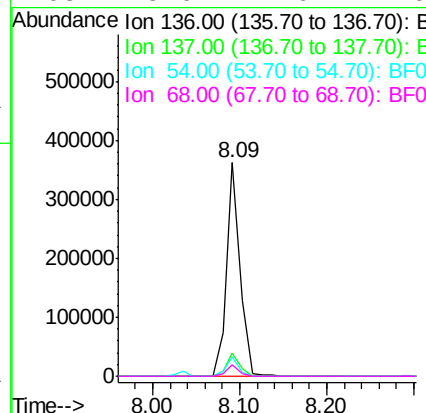
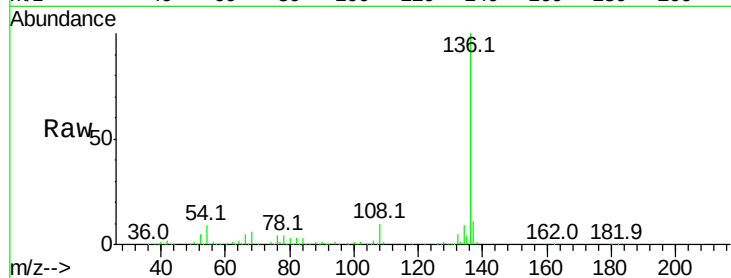
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	396108		
137	10.8		9.0	13.6
54	8.9		7.5	11.3
68	5.6		4.6	7.0

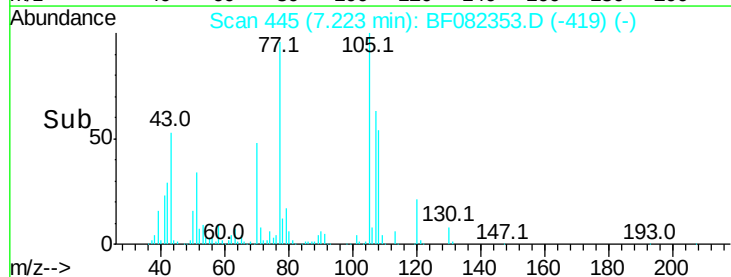
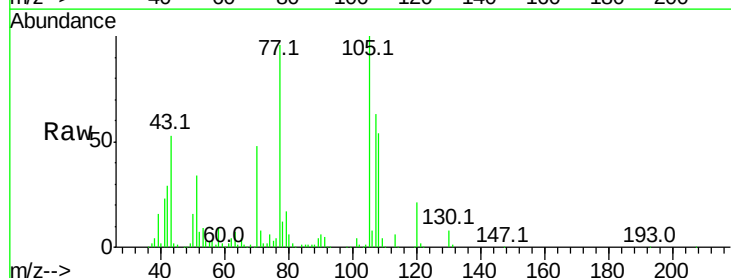
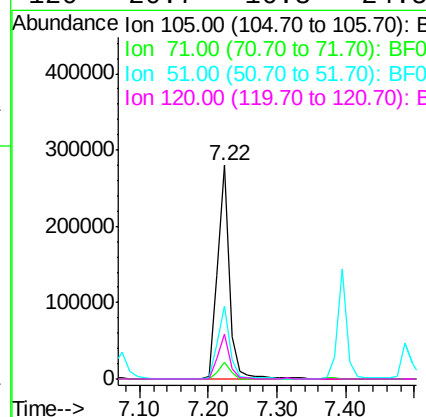
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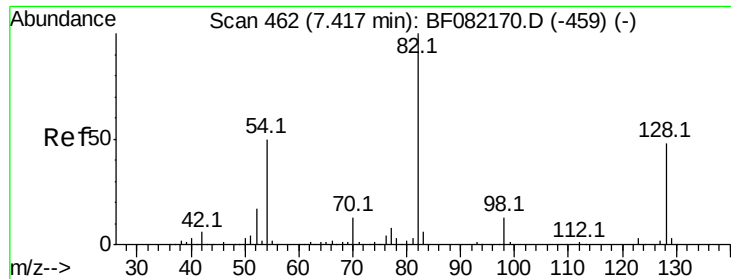
MMdadoda
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#22
Acetophenone
Concen: 44.00 ng
RT: 7.22 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	344783		
71	8.0		5.4	8.0
51	34.4		31.8	47.6
120	20.7		16.3	24.5





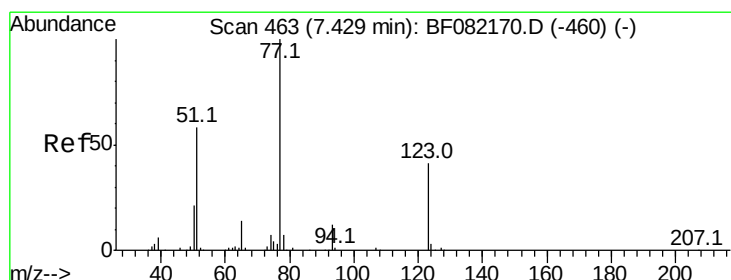
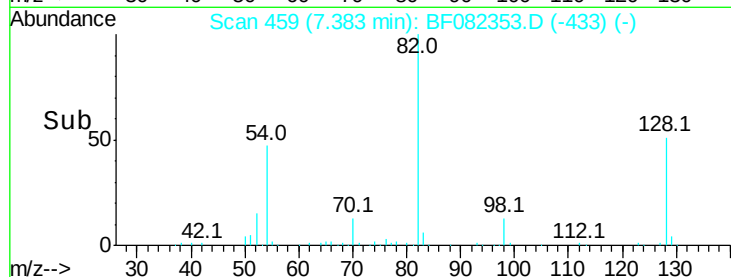
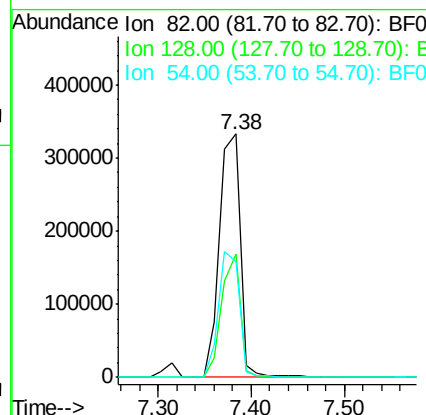
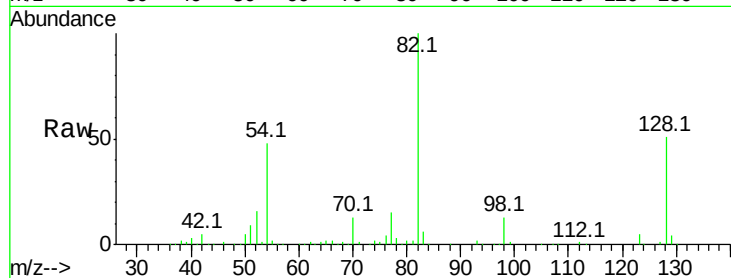
#23
 Nitrobenzene-d5
 Concen: 88.12 ng
 RT: 7.38 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.7	38.7	58.1
54	47.6	40.1	60.1

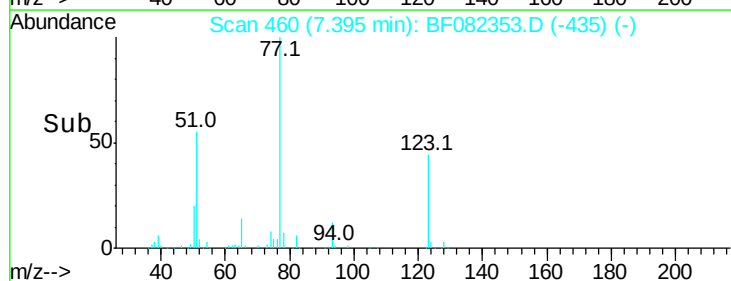
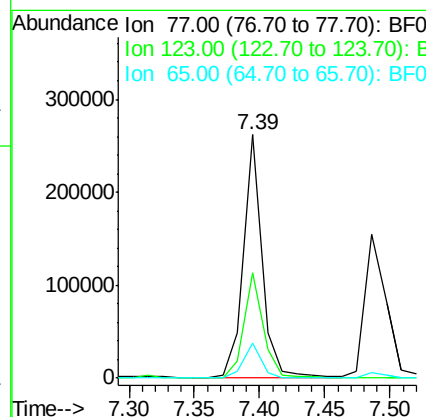
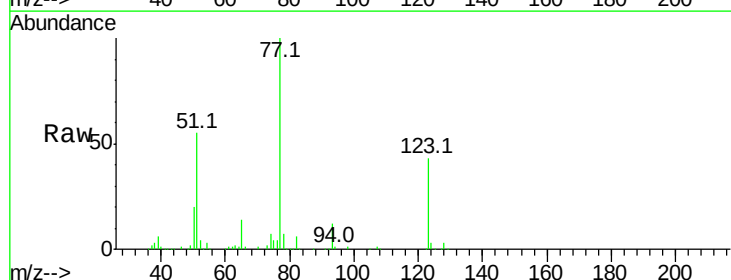
Manual Integrations
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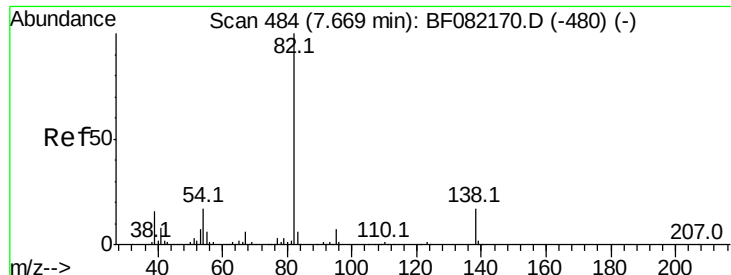
MMdadoda
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#24
 Nitrobenzene
 Concen: 40.11 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	33.0	49.4
65	14.1	11.2	16.8





#25

Isophorone

Concen: 40.60 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

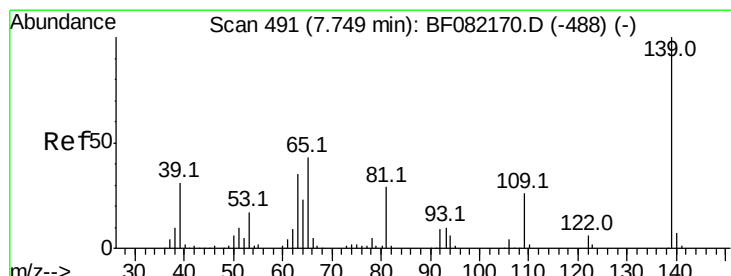
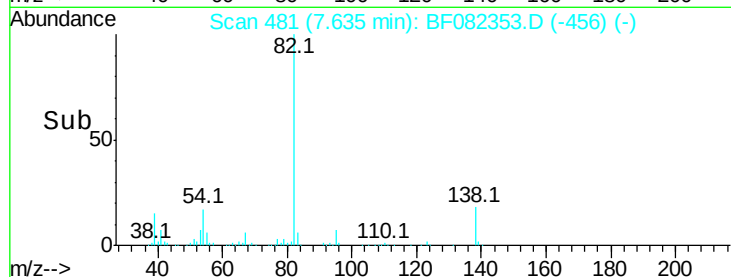
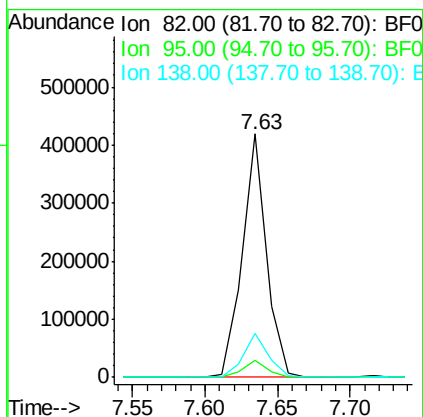
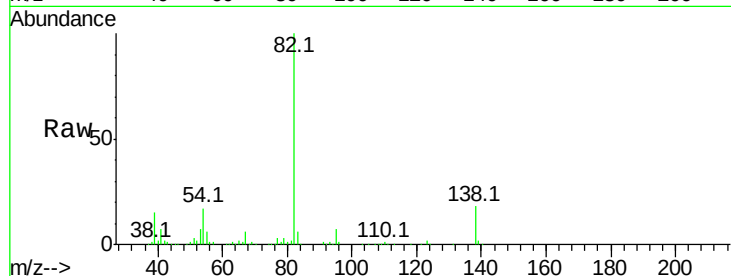
ClientSampleId :

PB86128BSD

Tot Ion:	82	Resp:	483365
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	17.9	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.90 ng

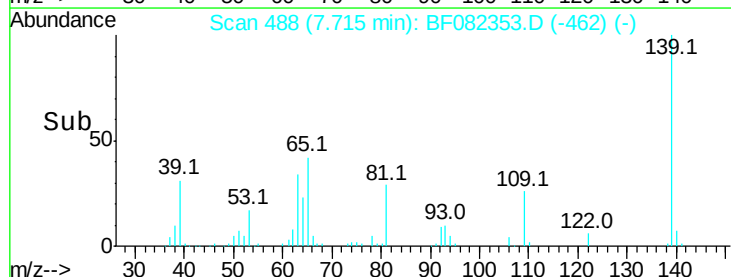
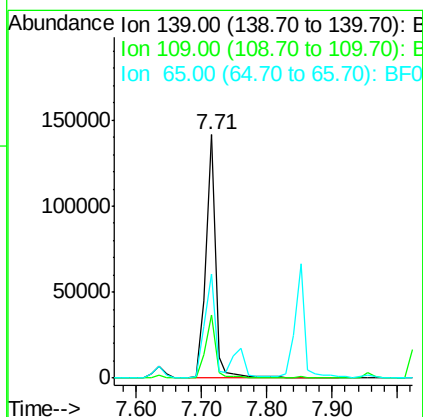
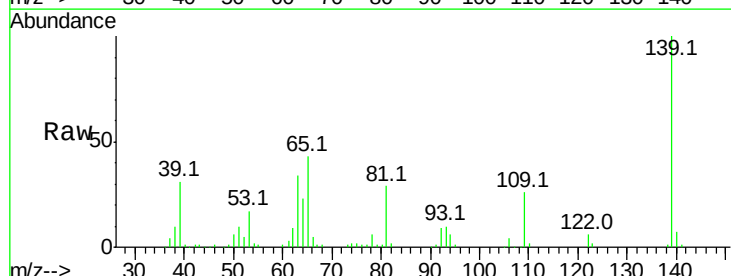
RT: 7.71 min Scan# 488

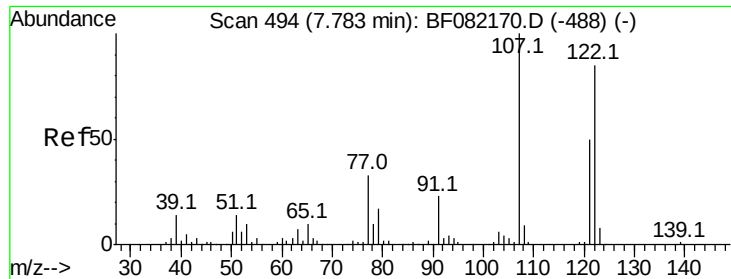
Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	139	Resp:	146322
Ion Ratio	Lower	Upper	
139	100		
109	26.0	20.6	31.0
65	42.8	34.3	51.5





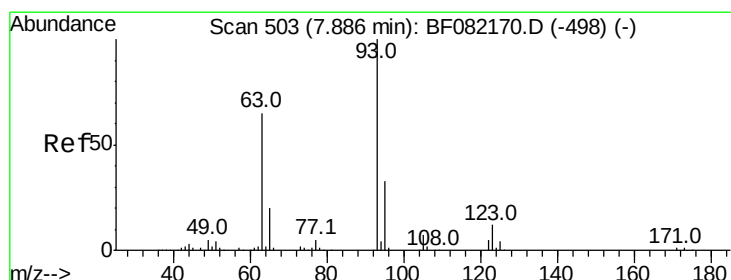
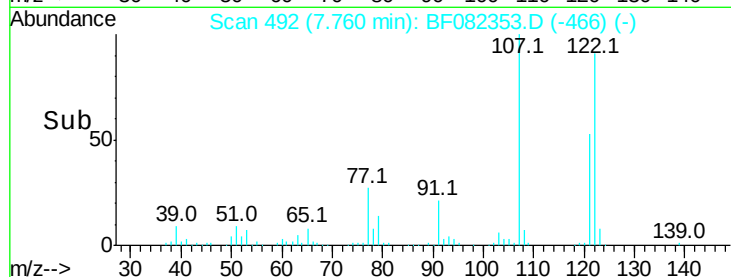
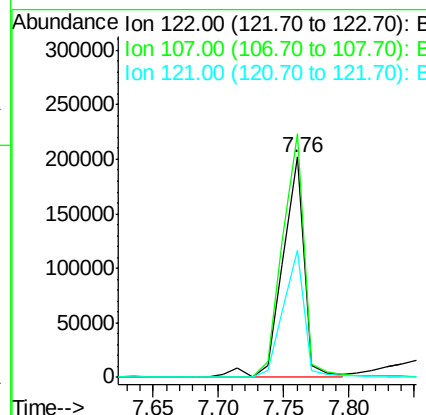
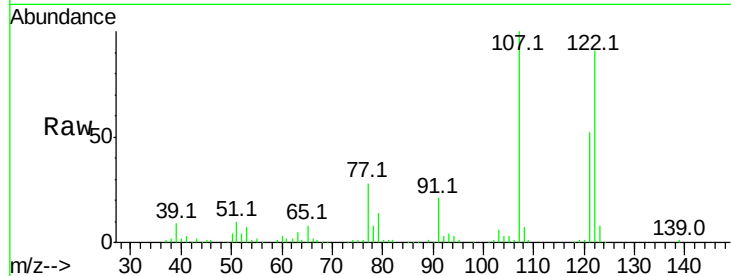
#27
2,4-Dimethylphenol
Concen: 46.44 ng
RT: 7.76 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	238536		
107	110.4	94.0	141.0	
121	57.8	46.8	70.2	

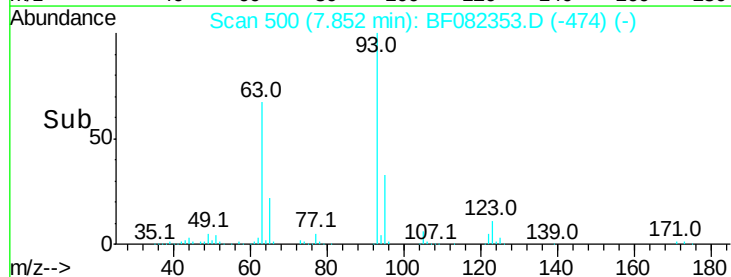
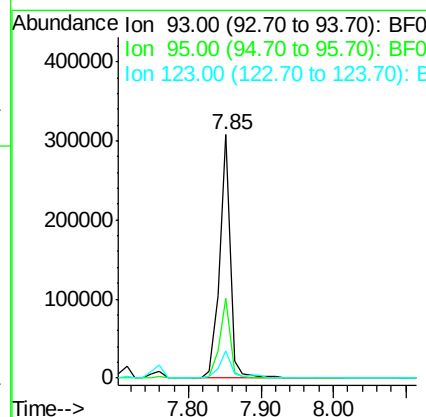
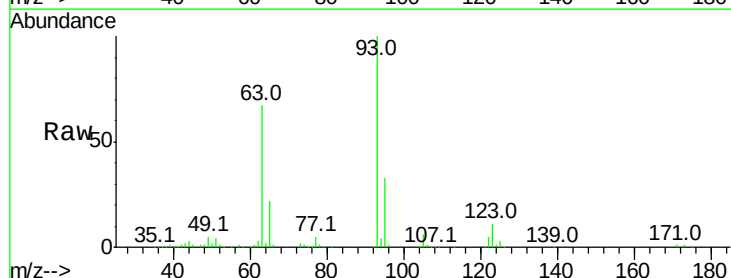
Manual Integrations
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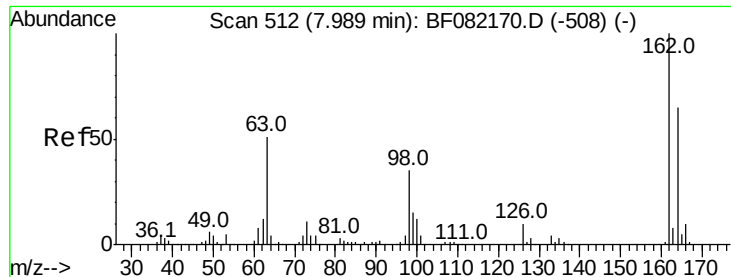
MMdadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 45.75 ng
RT: 7.85 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	316898		
95	32.8	26.6	39.8	
123	11.0	9.5	14.3	





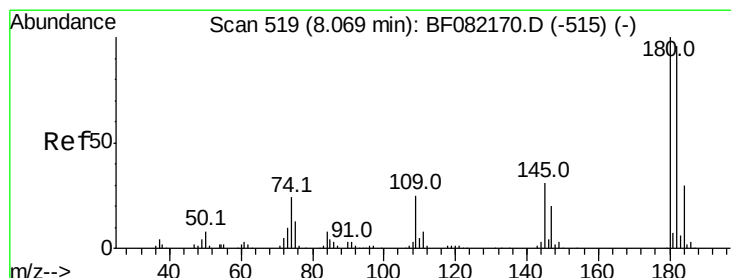
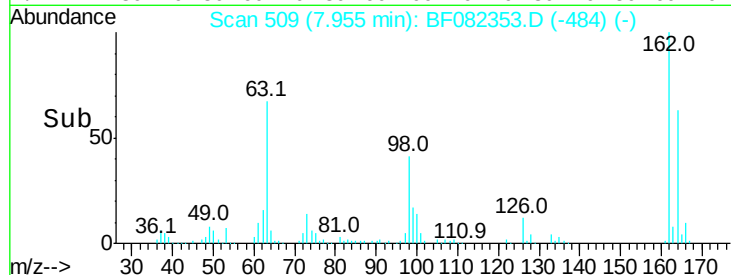
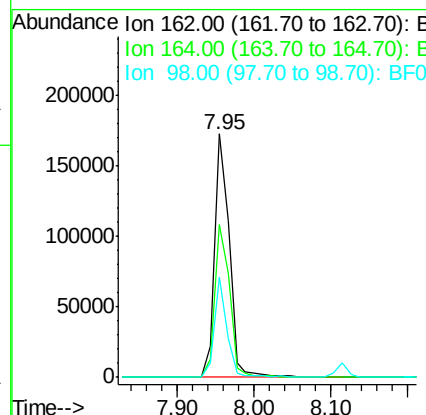
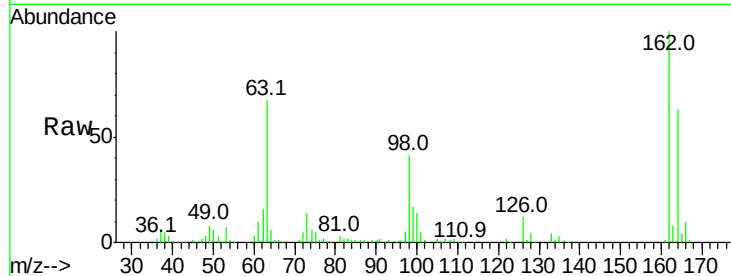
#29
 2,4-Dichlorophenol
 Concen: 44.07 ng
 RT: 7.95 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion:	162	Resp:	226298
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.6	84.6
98	41.2	15.0	55.0

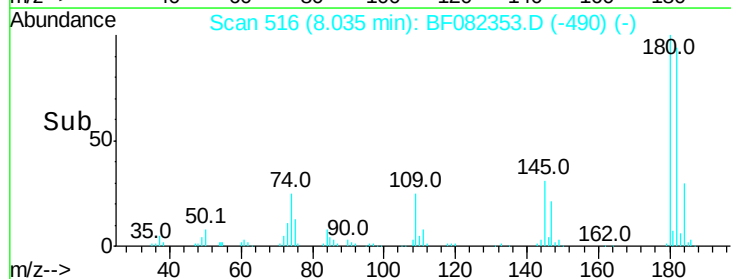
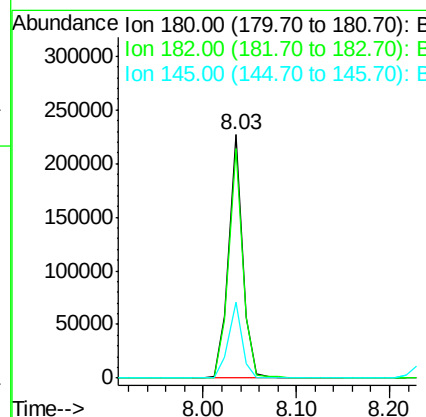
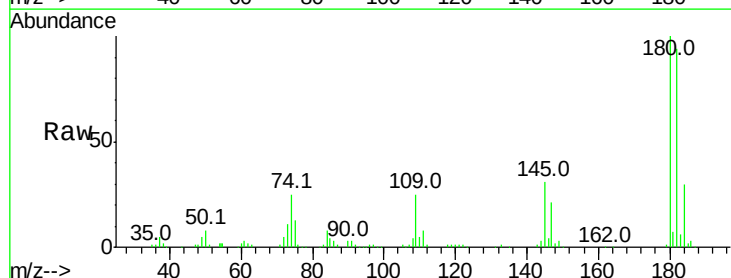
Manual Integrations
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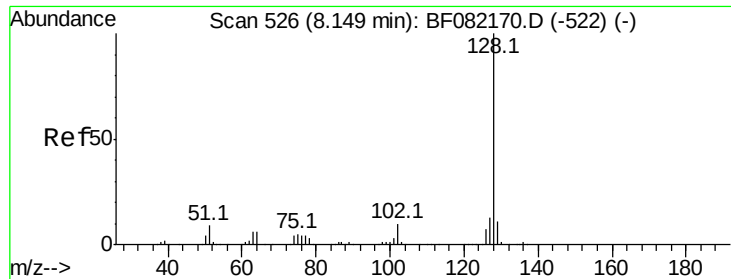
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.45 ng
 RT: 8.03 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion:	180	Resp:	239364
Ion Ratio	Lower	Upper	
180	100		
182	94.5	77.0	115.4
145	31.4	25.0	37.4





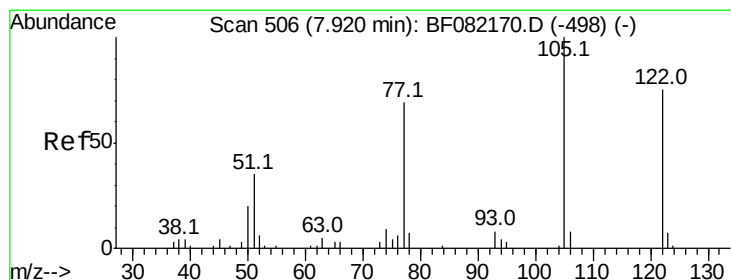
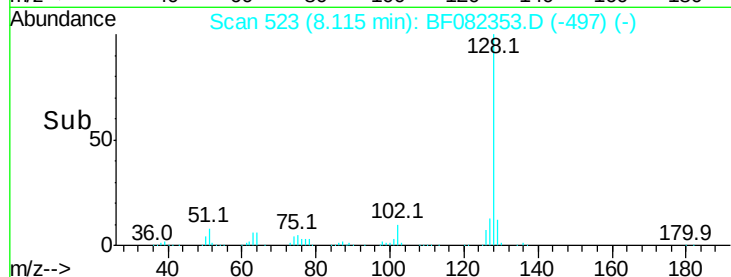
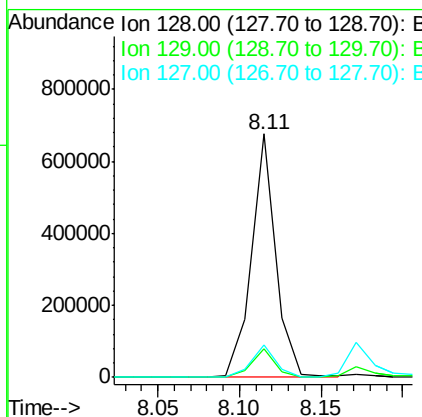
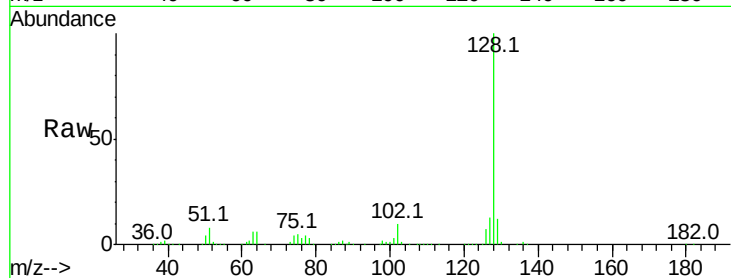
#31
Naphthalene
Concen: 40.93 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	702792		
129	11.5		9.1	13.7
127	13.3		10.7	16.1

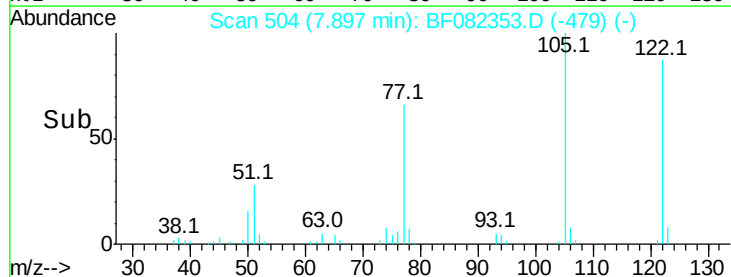
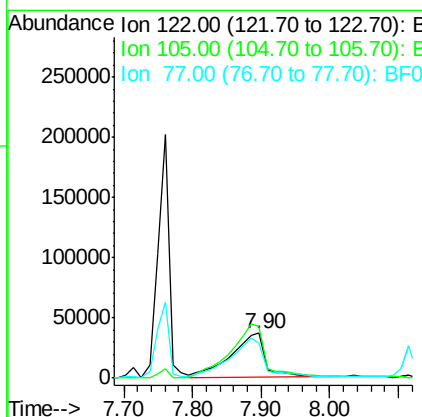
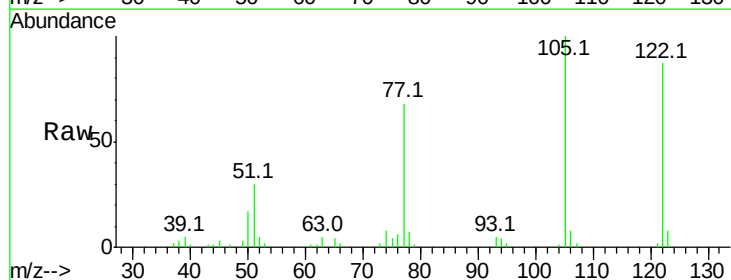
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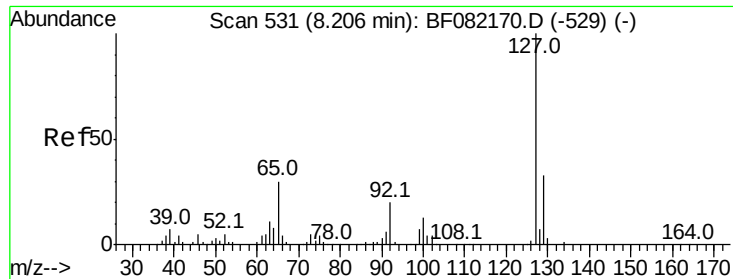
MMdadoda
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#32
Benzoic acid
Concen: 37.25 ng
RT: 7.90 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	128415		
105	114.8		104.4	144.4
77	77.5		69.0	109.0





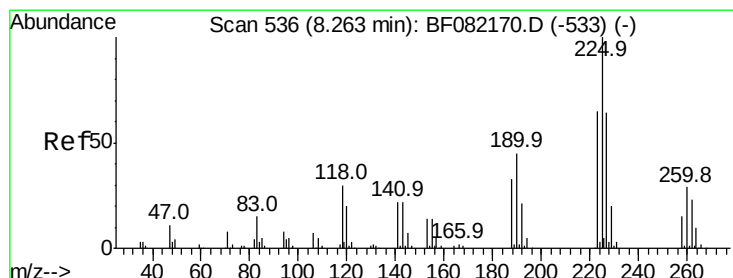
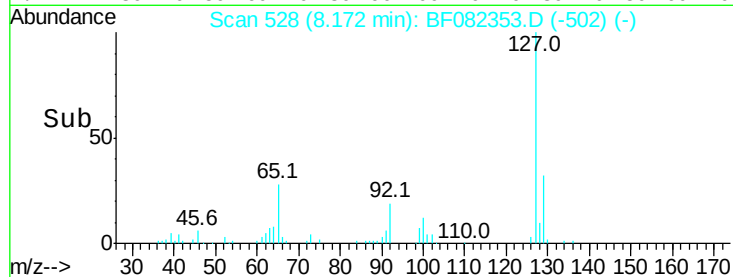
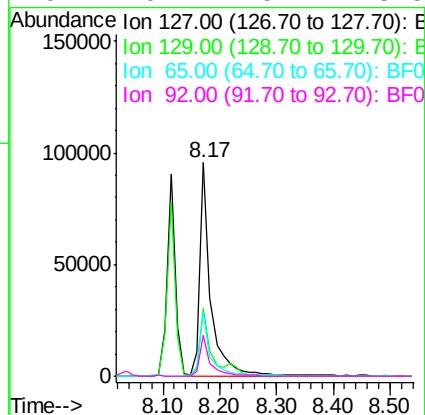
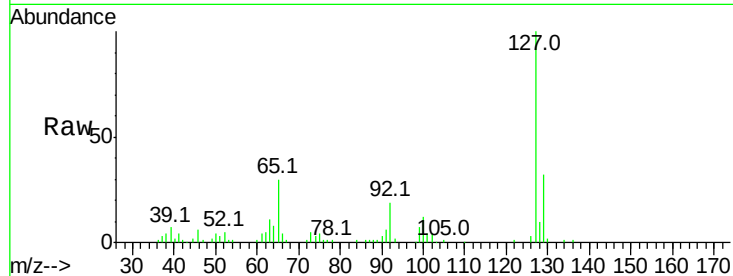
#33
4-Chloroaniline
Concen: 17.99 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.3	39.5		
65	29.9	24.4	36.6		
92	19.1	15.7	23.5		

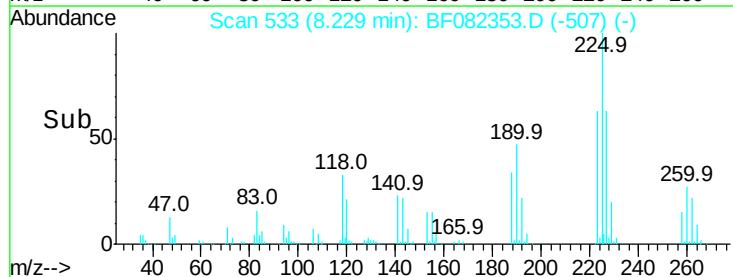
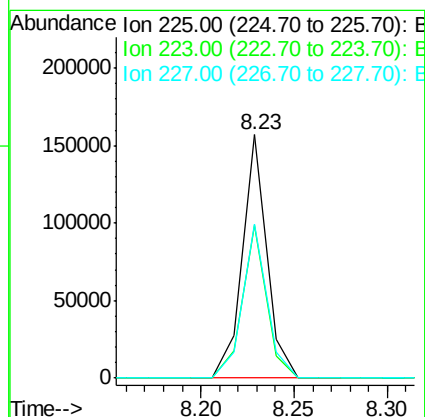
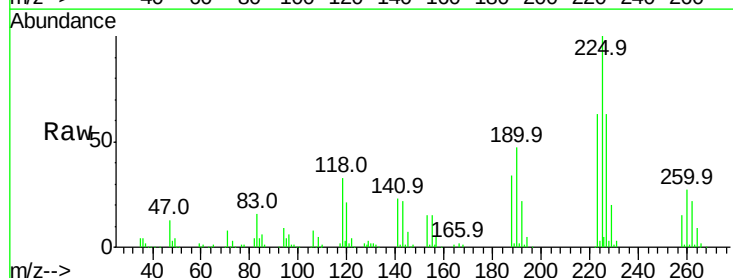
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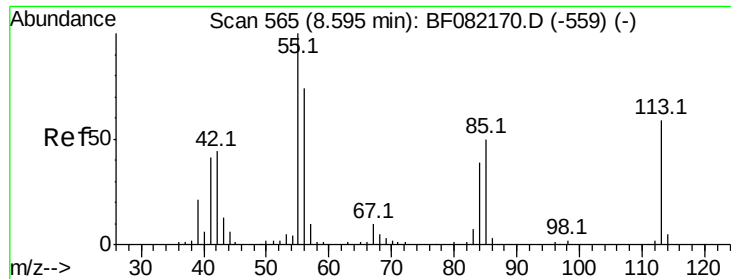
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#34
Hexachlorobutadiene
Concen: 38.98 ng
RT: 8.23 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	52.2	78.2		
227	63.2	51.3	76.9		





#35

Caprolactam

Concen: 44.91 ng/mL

RT: 8.55 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

Tot Ion:113 Resp: 66917

Ion Ratio Lower Upper

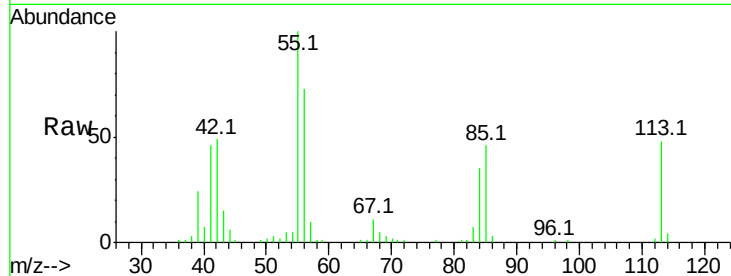
113 100

55 207.7 149.7 189.7#

56 151.5 105.4 145.4#

Manual Integrations
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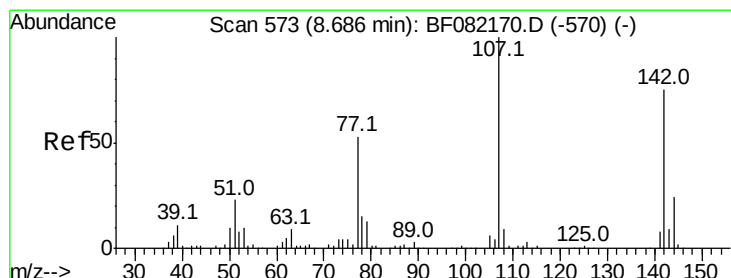
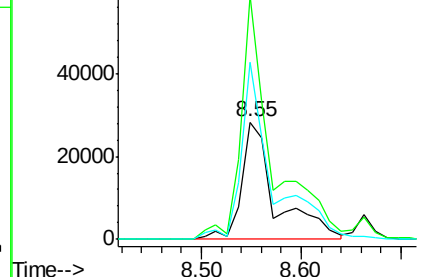
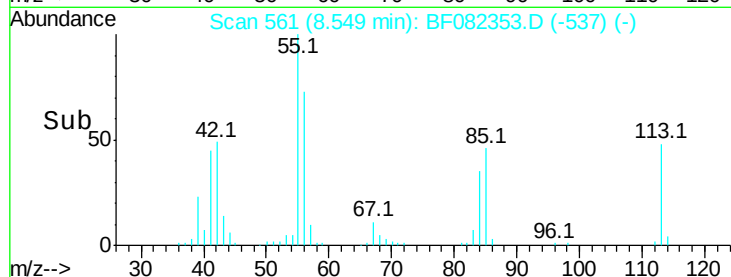
MMdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.54 ng/mL

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

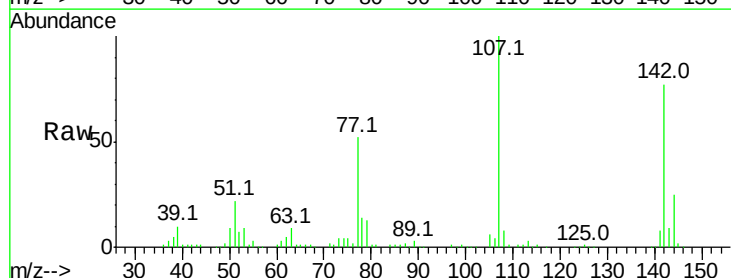
Tgt Ion:107 Resp: 223632

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

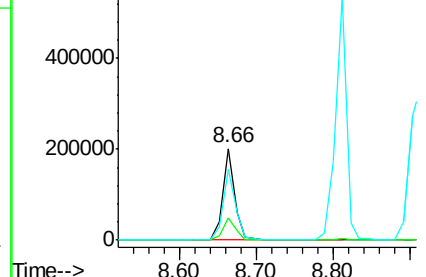
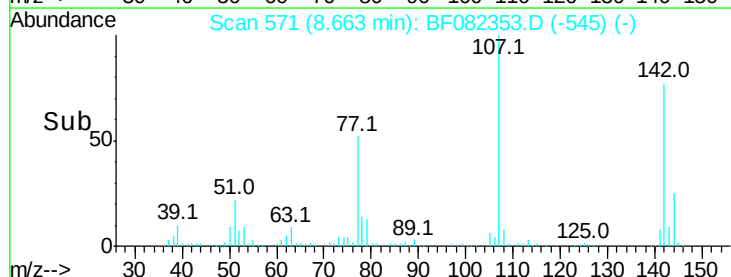
142 77.0 59.9 89.9

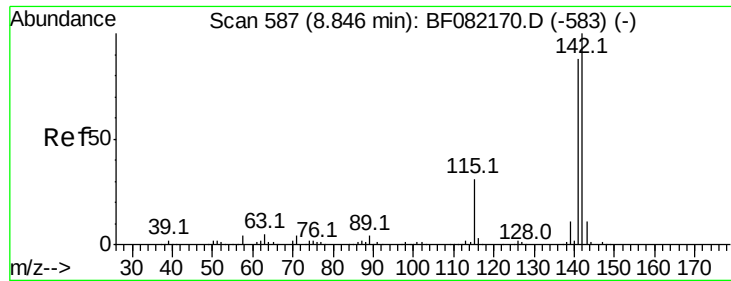


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





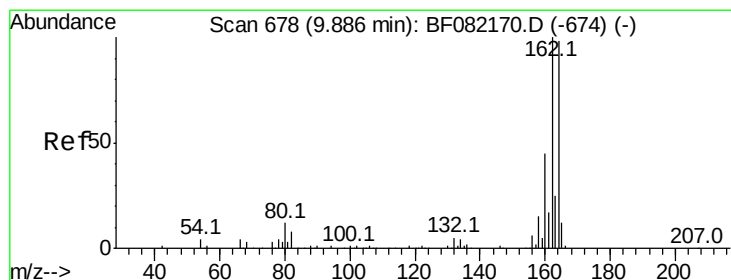
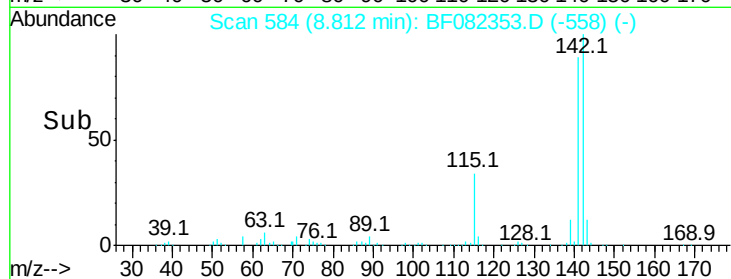
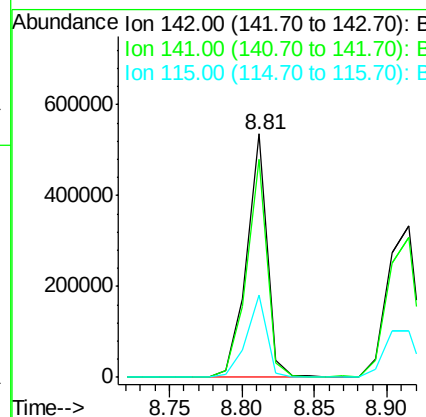
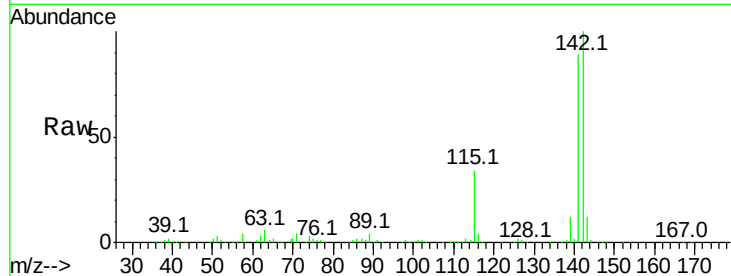
#37
2-Methylnaphthalene
Concen: 44.31 ng
RT: 8.81 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.4	105.6
115	33.6	24.6	37.0

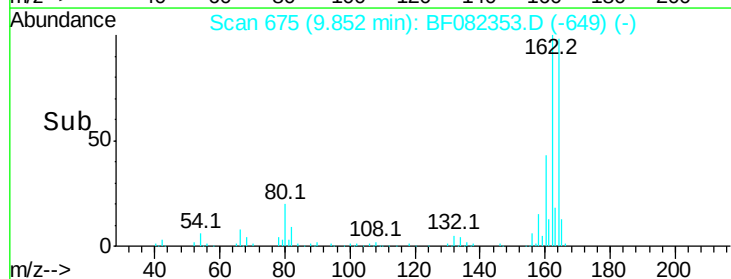
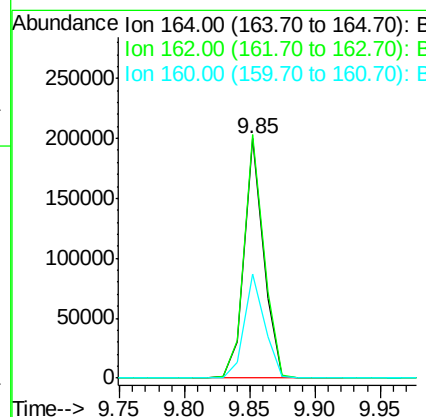
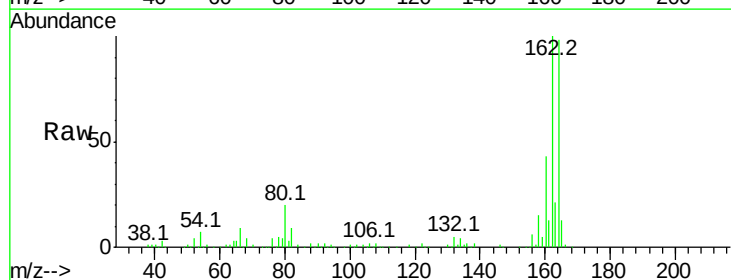
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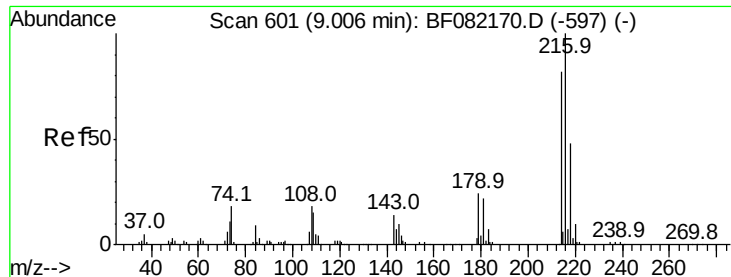
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	43.6	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.23 ng

RT: 8.97 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF082353.D

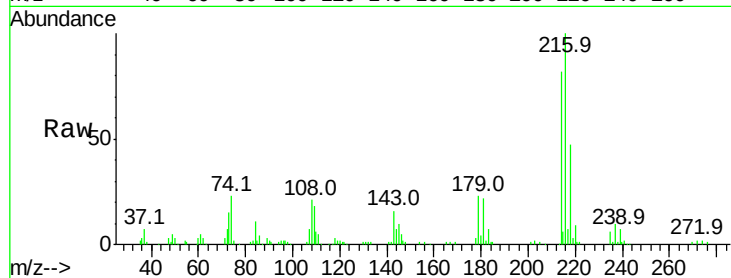
Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

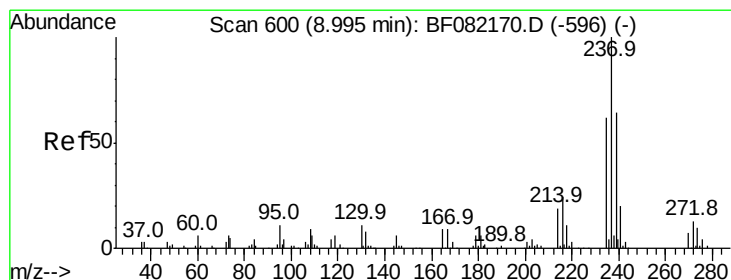
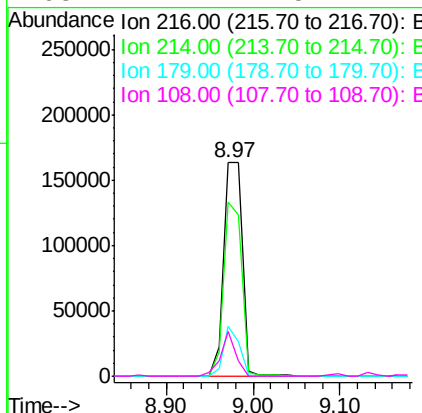
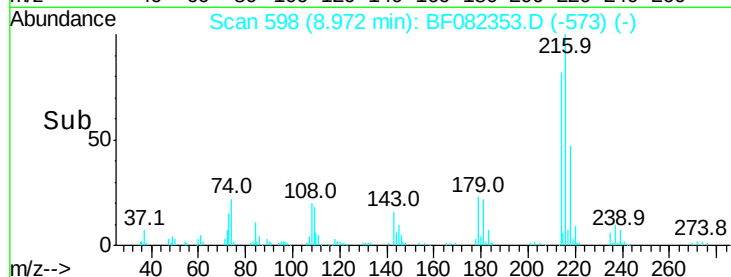
PB86128BSD



Tot Ion	Ratio	Resp	Lower	Upper
216	100	246064		
214	79.0	64.6	97.0	
179	20.1	17.6	26.4	
108	17.7	14.5	21.7	

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#40

Hexachlorocyclopentadiene

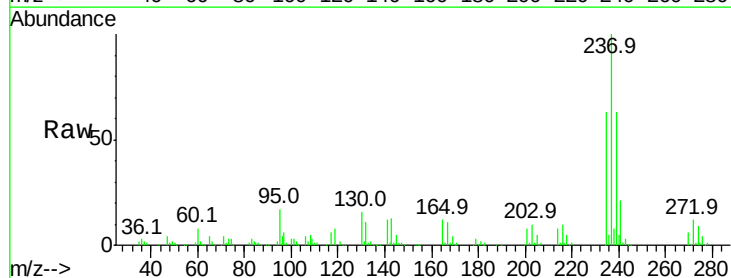
Concen: 66.94 ng

RT: 8.96 min Scan# 597

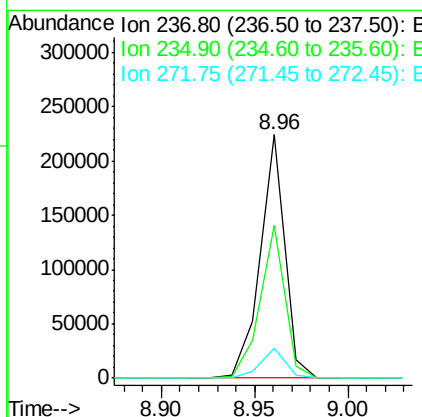
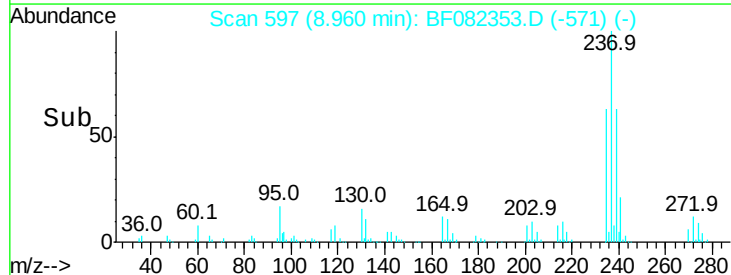
Delta R.T. 0.00 min

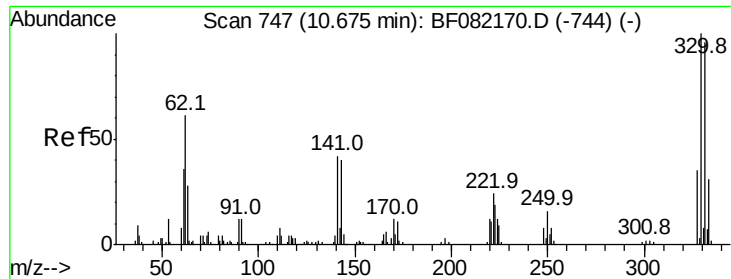
Lab File: BF082353.D

Acq: 19 Oct 2015 14:05



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	202487		
235	62.6	41.7	81.7	
272	12.0	0.0	32.8	





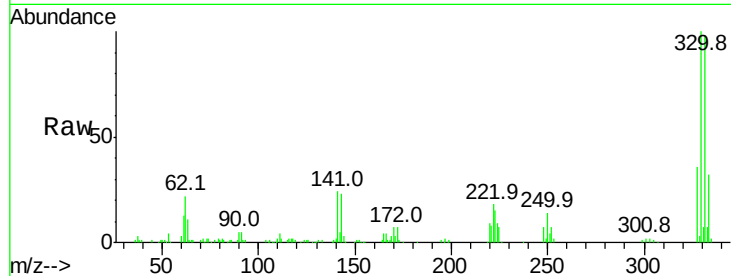
#41
 2,4,6-Tribromophenol
 Concen: 75.15 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

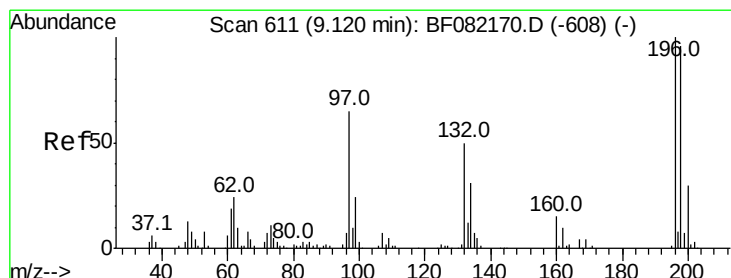
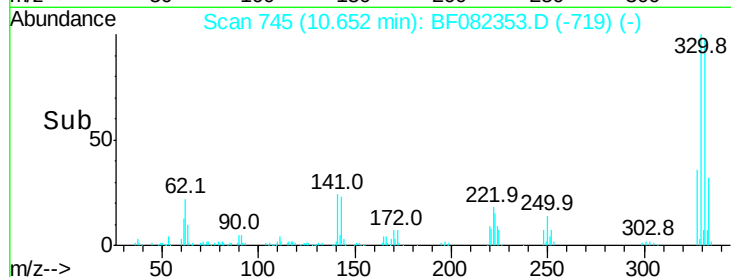
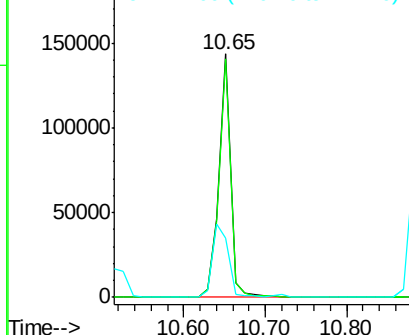
Tot Ion	Ratio	Resp	Lower	Upper
330	100	144922		
332	97.5	77.1	115.7	
141	41.2	29.8	44.8	

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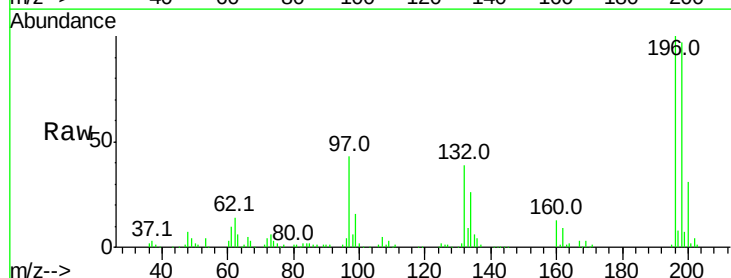


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

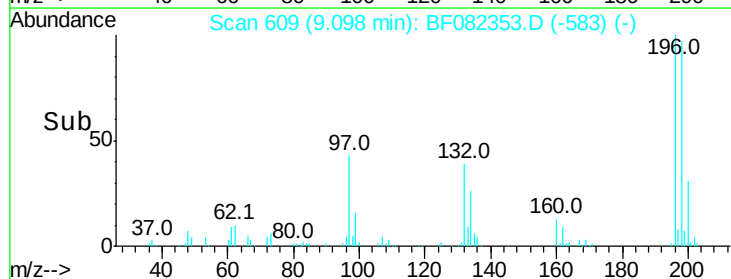
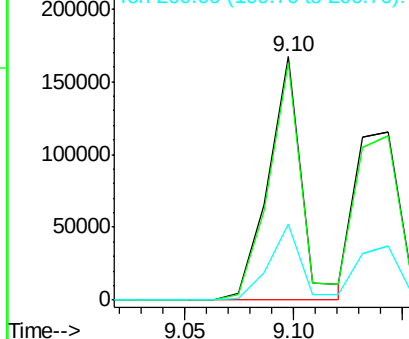


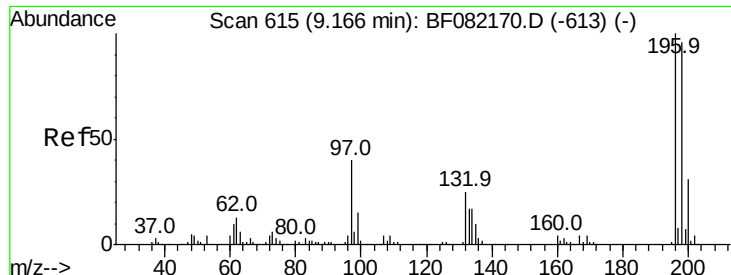
#42
 2,4,6-Trichlorophenol
 Concen: 43.78 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177848		
198	97.2	76.6	115.0	
200	31.1	23.7	35.5	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





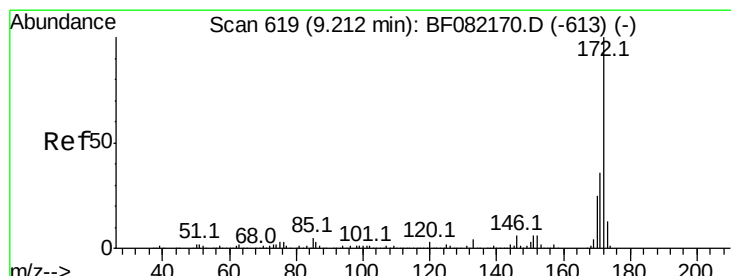
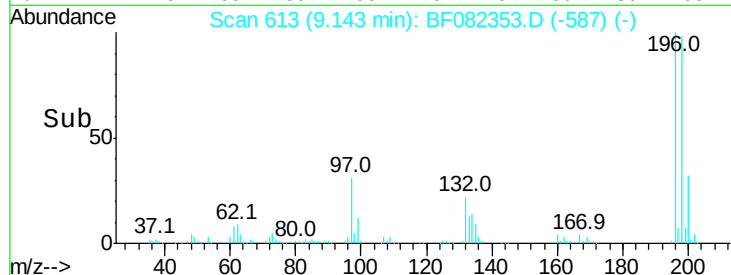
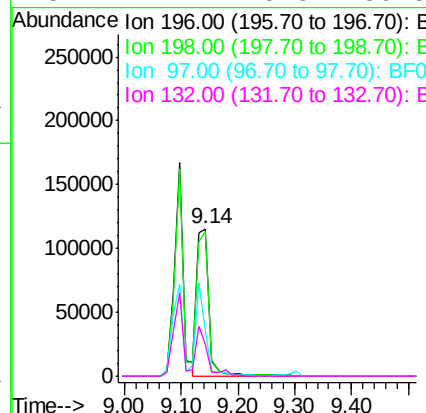
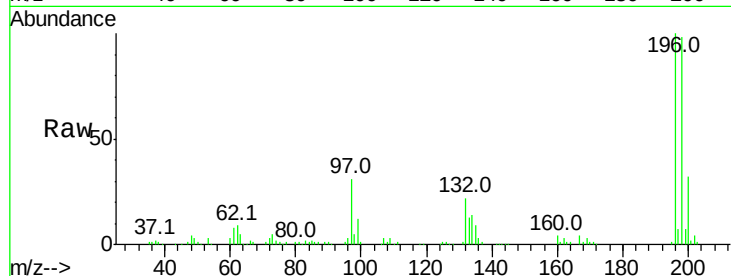
#43
 2,4,5-Trichlorophenol
 Concen: 40.39 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

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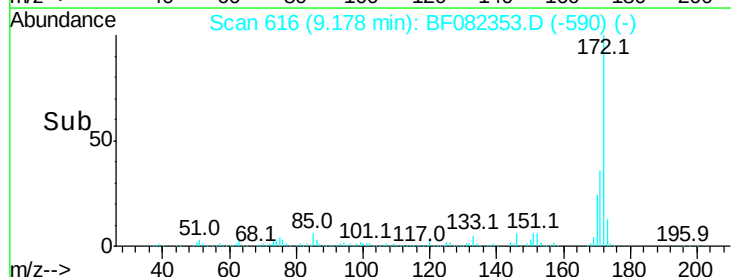
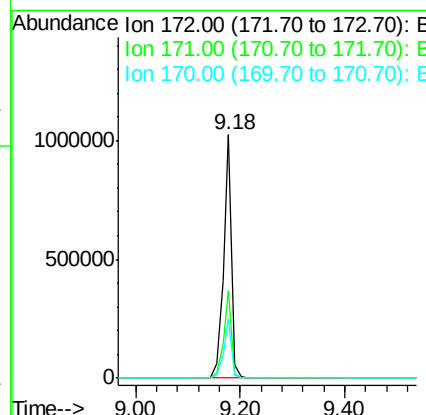
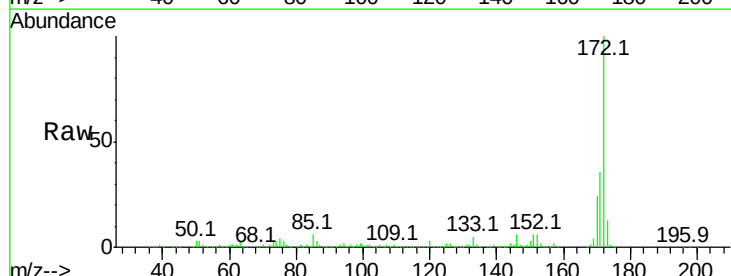
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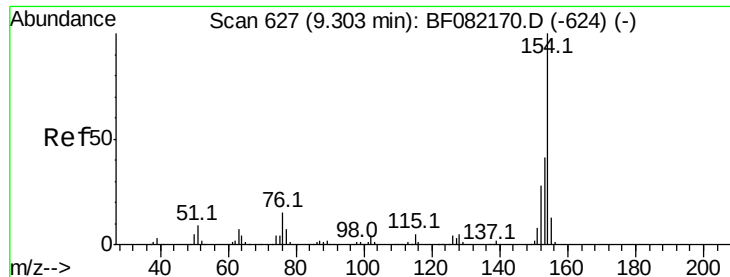
Tot Ion	Ratio	Resp	Lower	Upper
196	100	177738		
198	97.9	77.0	115.4	
97	31.2	31.9	47.9	
132	21.7	20.3	30.5	



#44
 2-Fluorobiphenyl
 Concen: 87.32 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1082616		
171	36.0	28.6	42.8	
170	24.4	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 41.41 ng

RT: 9.28 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

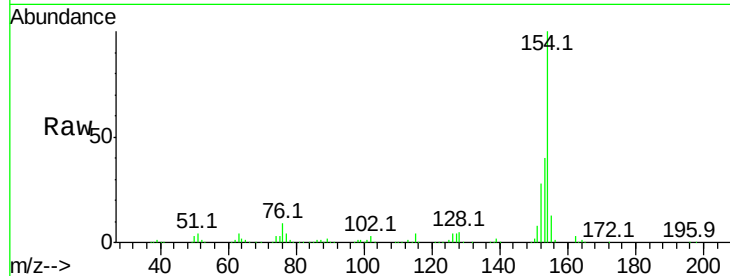
ClientSampleId :

PB86128BSD

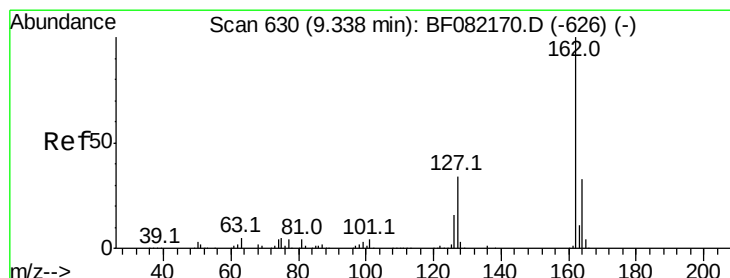
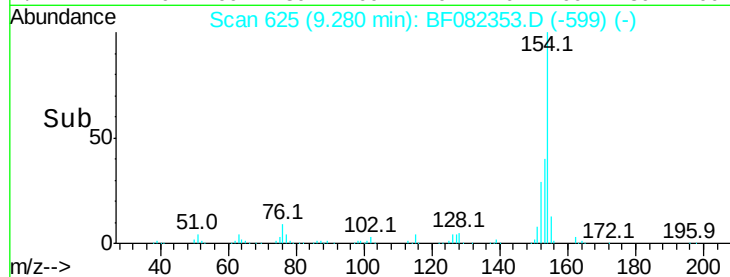
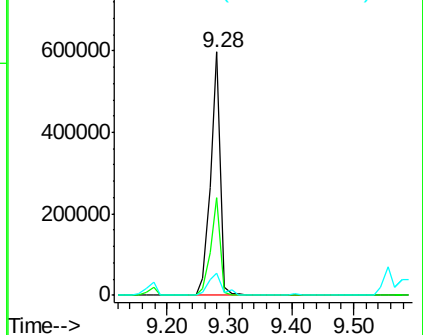
Tot Ion:	154	Resp:	649319
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.6	60.6
76	8.9	0.0	35.2

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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: 41.75 ng

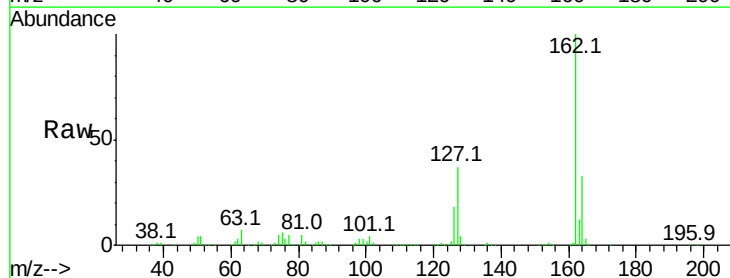
RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

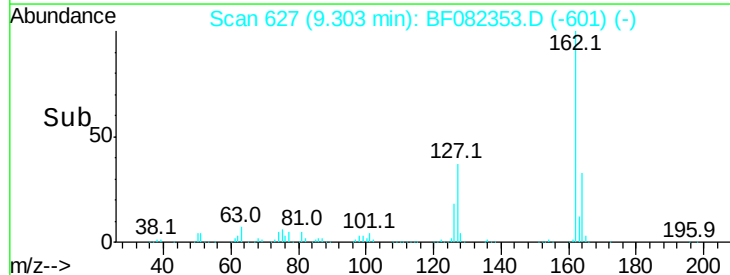
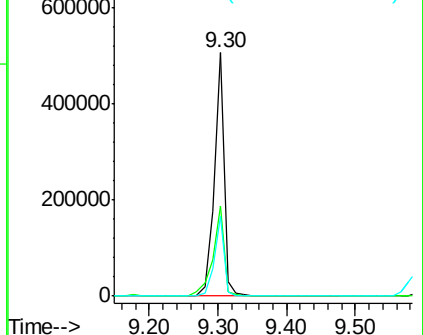
Lab File: BF082353.D

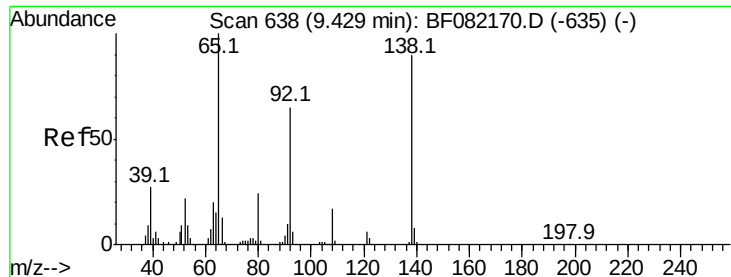
Acq: 19 Oct 2015 14:05

Tgt Ion:	162	Resp:	515385
Ion Ratio	Lower	Upper	
162	100		
127	37.0	27.5	41.3
164	32.7	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: 45.14 ng

RT: 9.41 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

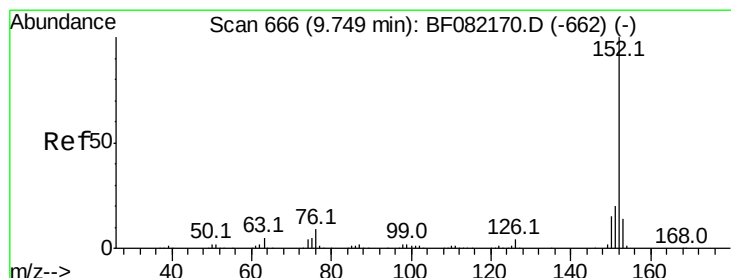
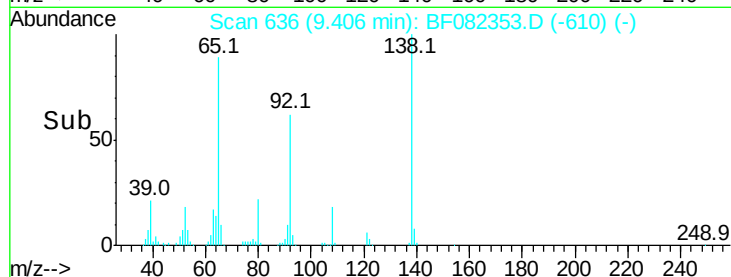
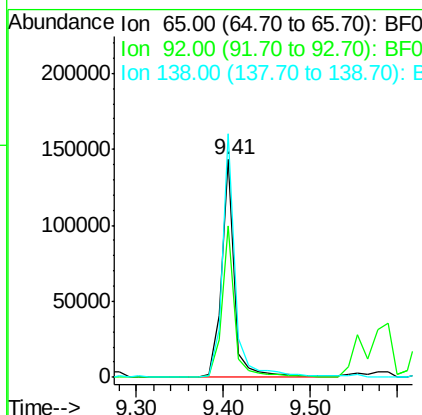
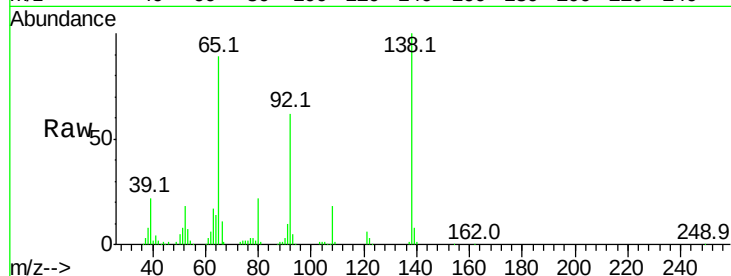
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
65	100		
92	69.8	52.3	78.5
138	112.0	72.2	108.4



#48

Acenaphthylene

Concen: 39.10 ng

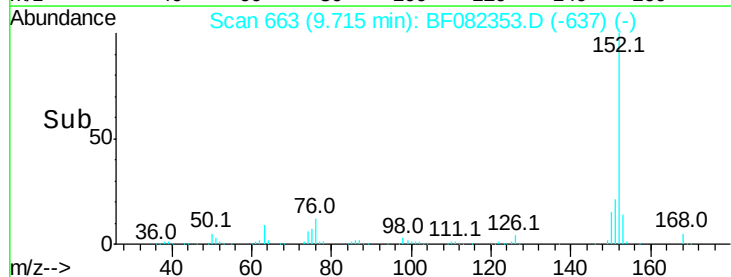
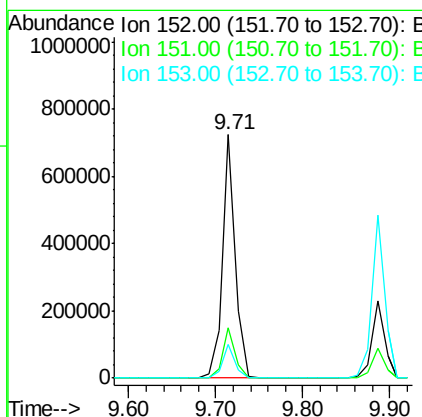
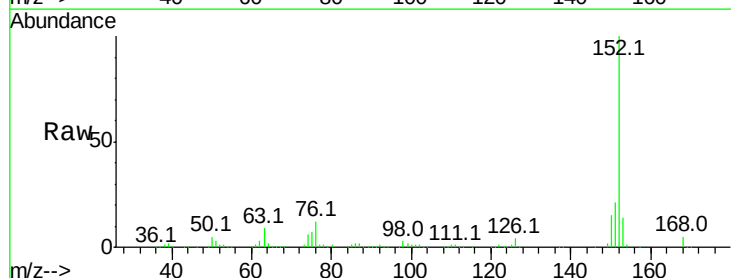
RT: 9.71 min Scan# 663

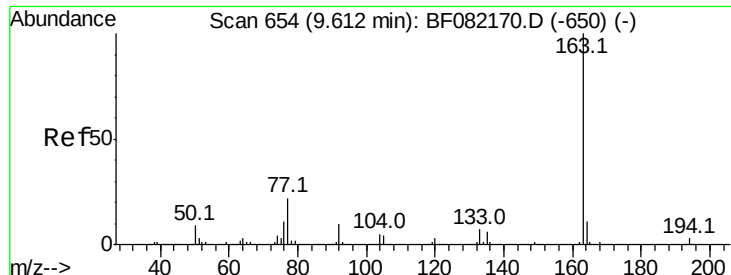
Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	13.7	10.8	16.2





#49

Dimethylphthalate

Concen: 43.56 ng

RT: 9.59 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

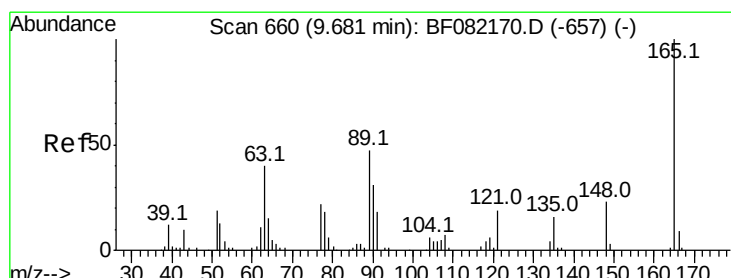
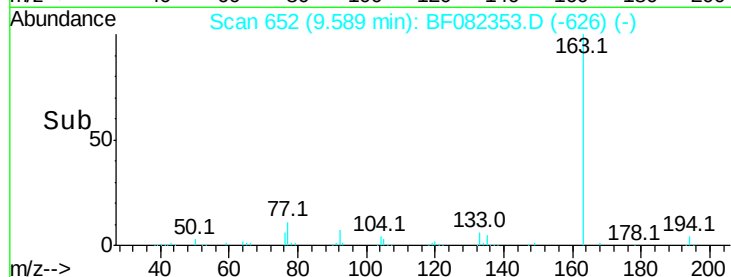
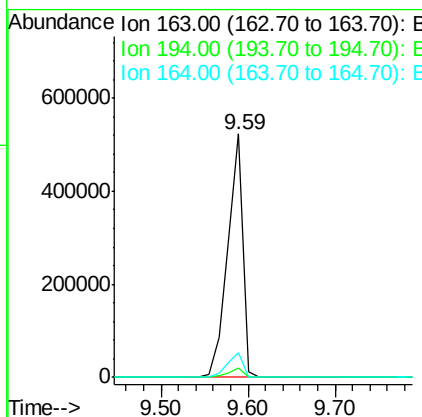
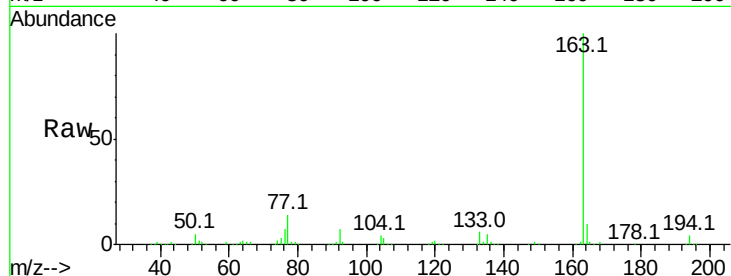
ClientSampleId :

PB86128BSD

Tot Ion:	163	Resp:	630732
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.6	4.0
164	9.9	8.5	12.7

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#50

2,6-Dinitrotoluene

Concen: 39.59 ng

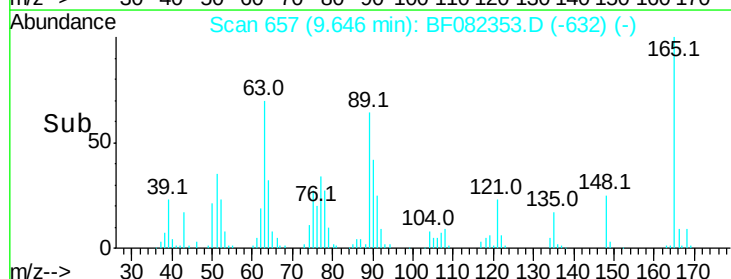
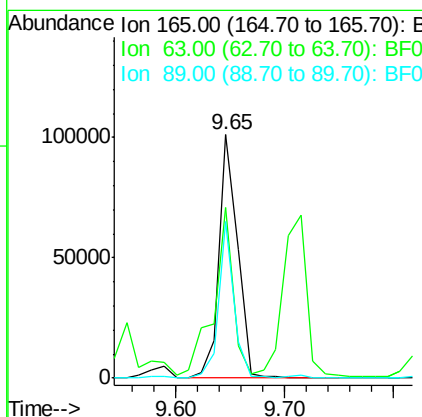
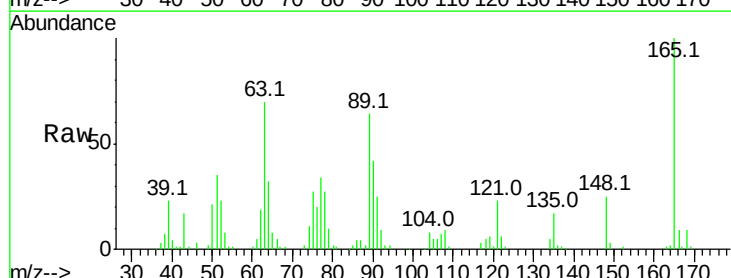
RT: 9.65 min Scan# 657

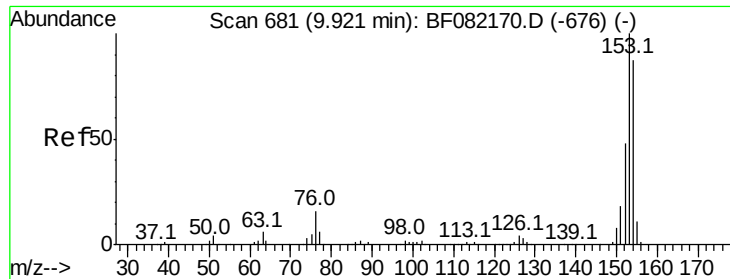
Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	165	Resp:	120963
Ion Ratio	Lower	Upper	
165	100		
63	70.3	36.7	55.1#
89	64.2	37.8	56.6#





#51

Acenaphthene

Concen: 38.66 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

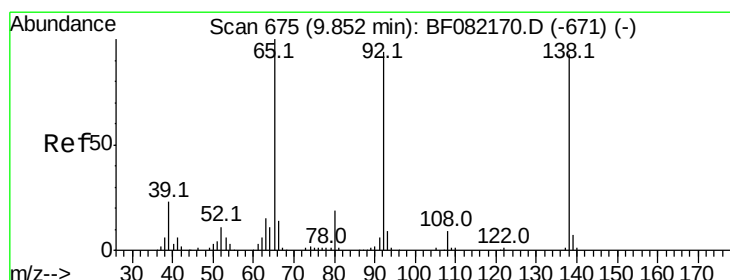
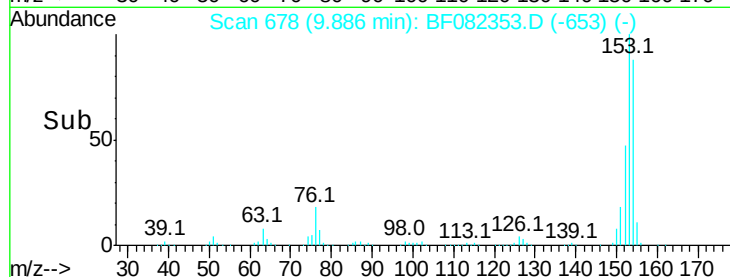
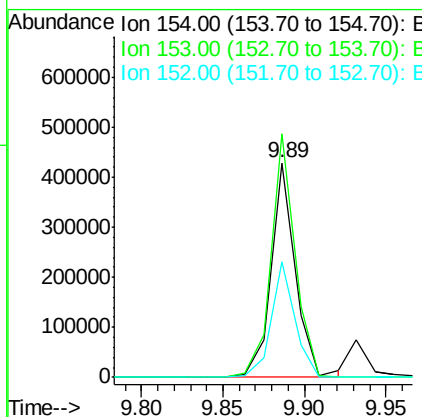
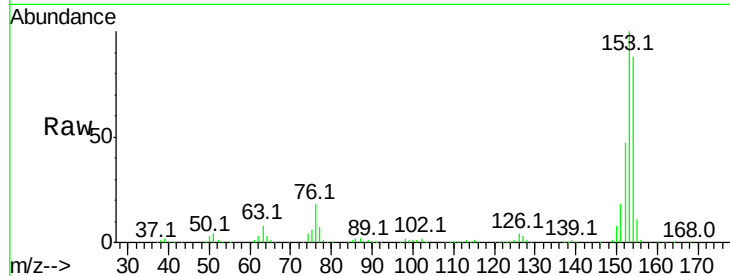
ClientSampleId :

PB86128BSD

Tot Ion:	154	Resp:	446290
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.4	137.2
152	53.9	44.3	66.5

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#52

3-Nitroaniline

Concen: 18.52 ng

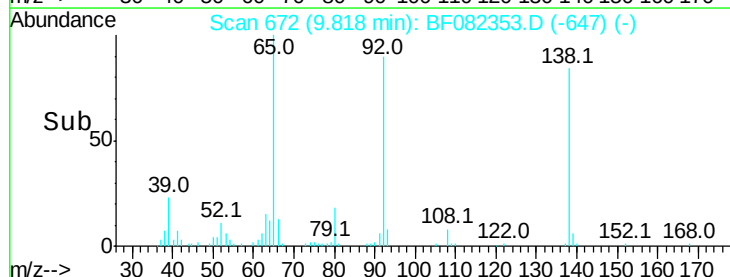
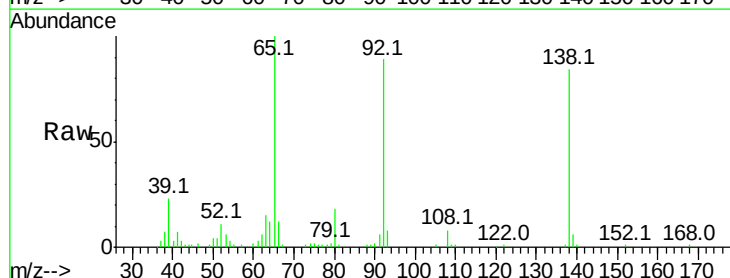
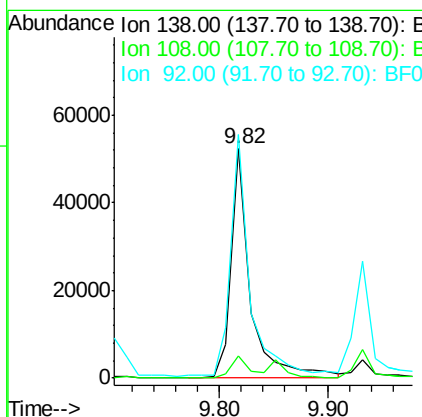
RT: 9.82 min Scan# 672

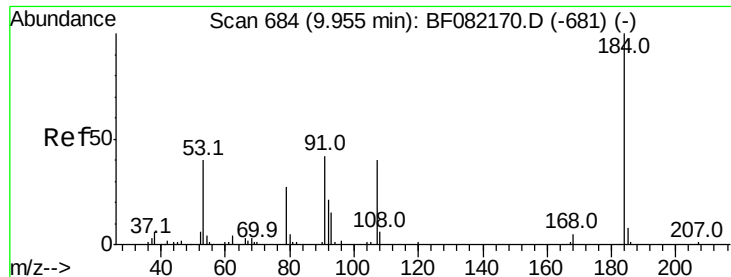
Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	138	Resp:	63922
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.4	11.0
92	106.3	81.3	121.9





#53

2,4-Dinitrophenol

Concen: 70.94 ng

RT: 9.93 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

Tot Ion:184 Resp: 119765

Ion Ratio Lower Upper

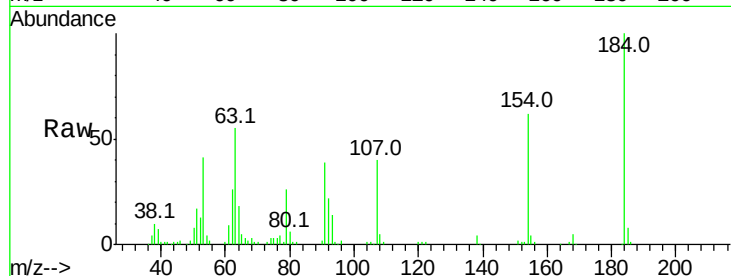
184 100

63 54.8 45.1 67.7

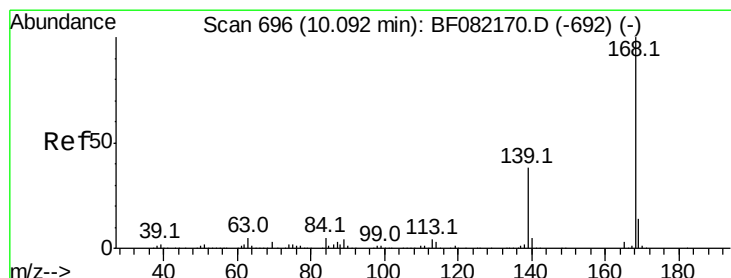
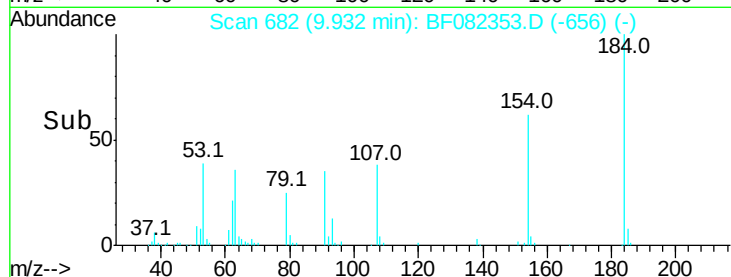
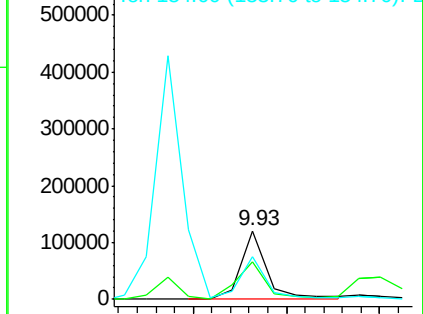
154 61.6 51.2 76.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.40 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

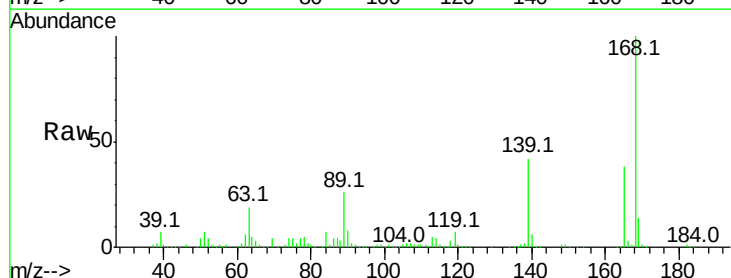
Tgt Ion:168 Resp: 671988

Ion Ratio Lower Upper

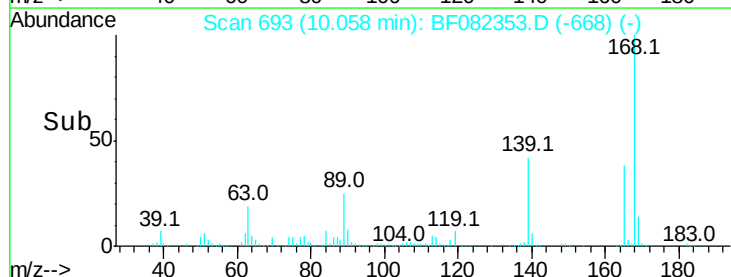
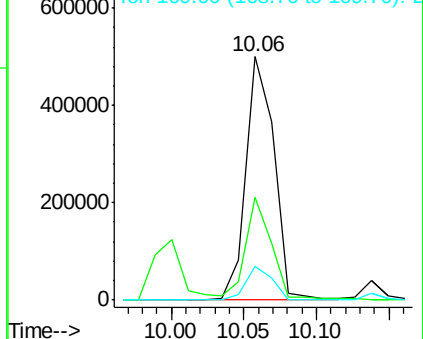
168 100

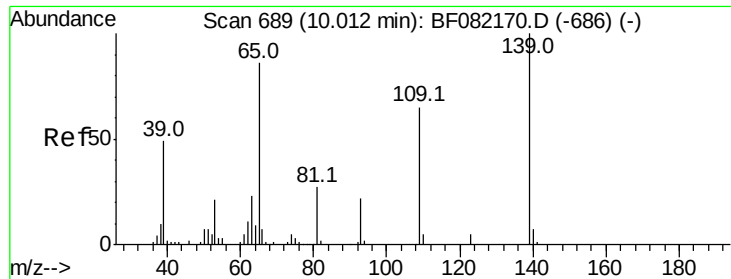
139 42.0 31.0 46.6

169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





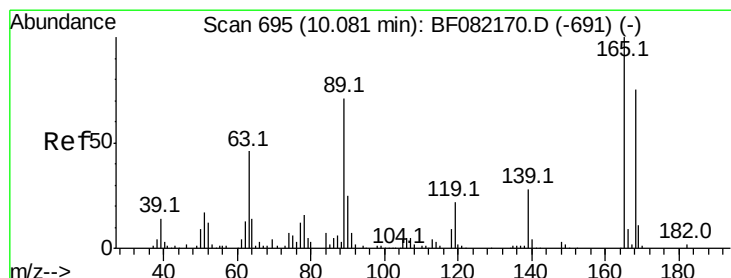
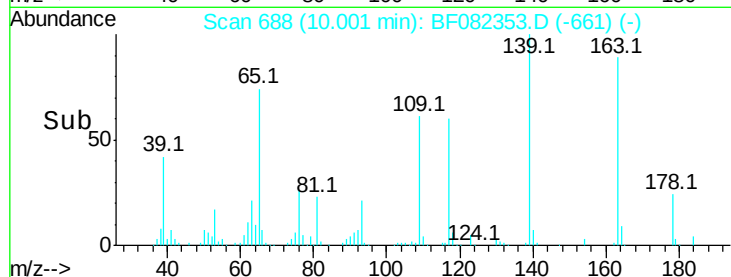
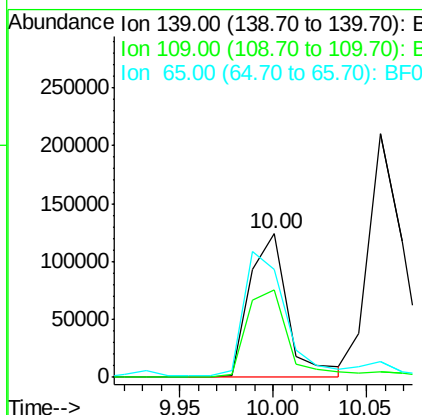
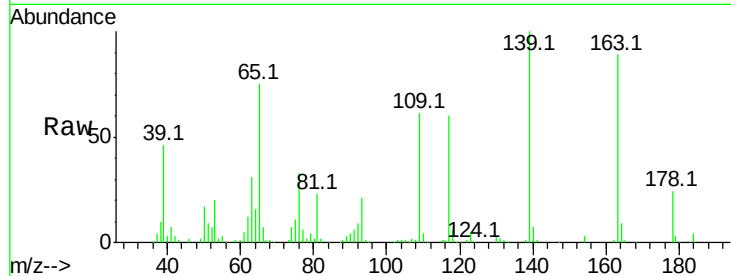
#55
4-Nitrophenol
Concen: 75.30 ng
RT: 10.00 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.2	44.8	84.8
65	75.2	67.7	107.7

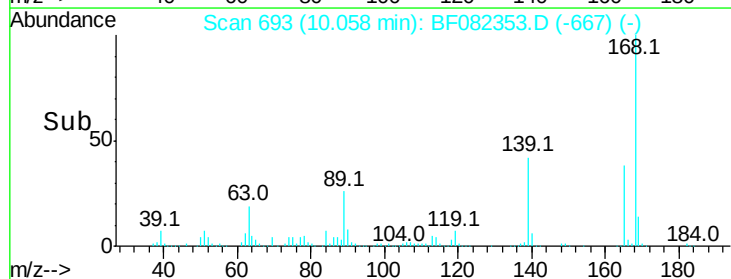
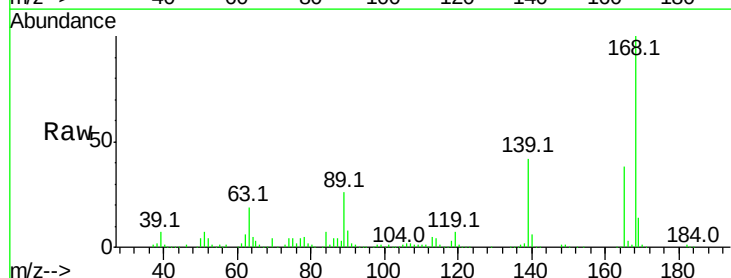
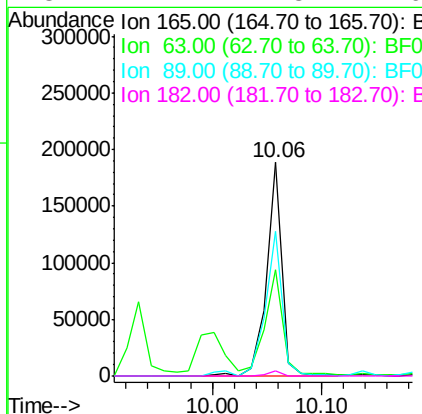
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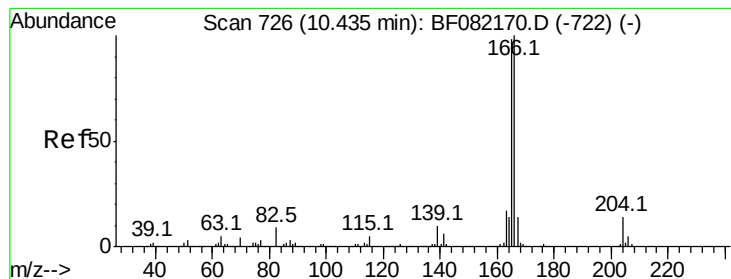
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#56
2,4-Dinitrotoluene
Concen: 48.94 ng
RT: 10.06 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.6	38.6	58.0
89	67.6	57.0	85.6
182	2.4	1.8	2.6





#57

Fluorene

Concen: 41.12 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

Tot Ion:166 Resp: 535274

Ion Ratio Lower Upper

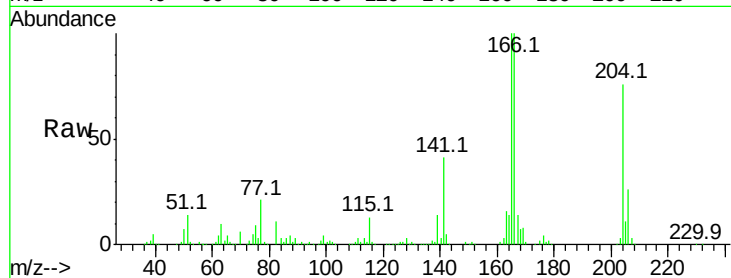
166 100

165 100.3 78.3 117.5

167 14.1 10.8 16.2

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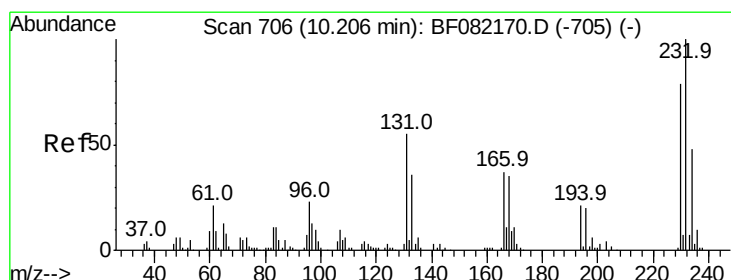
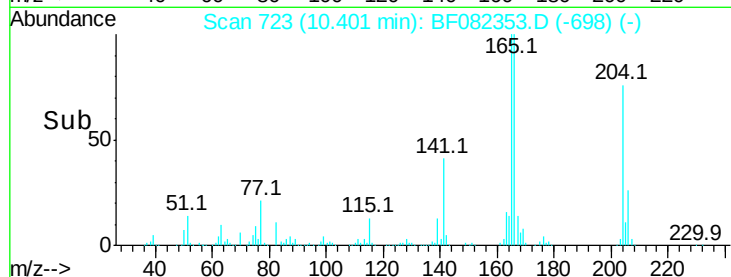
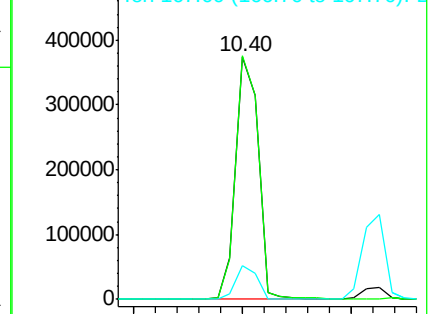


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.41 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:232 Resp: 152490

Ion Ratio Lower Upper

232 100

131 45.5 36.6 54.8

130 2.0 1.5 2.3

166 30.6 24.6 37.0

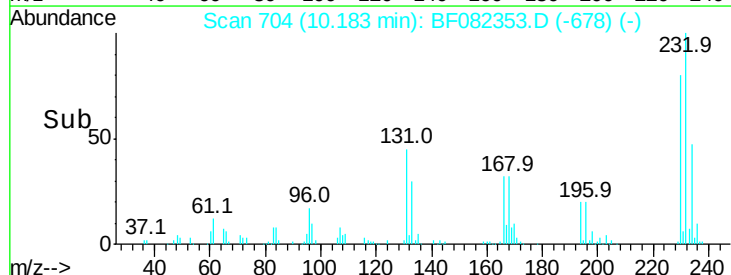
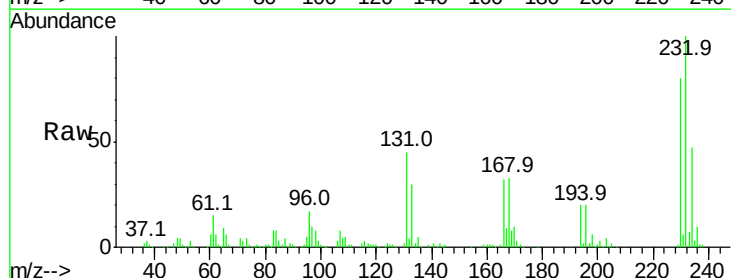
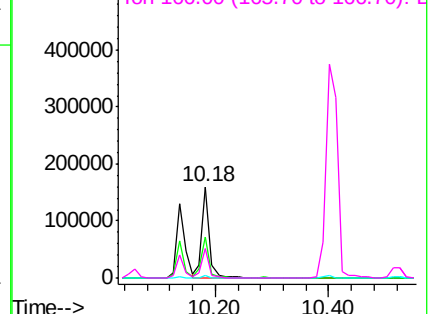
Abundance

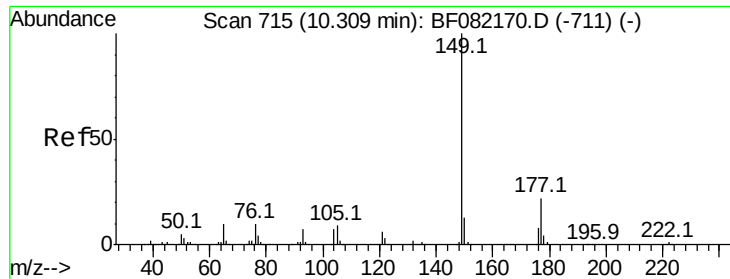
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





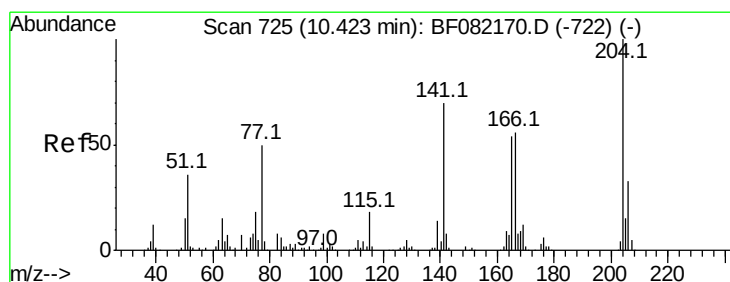
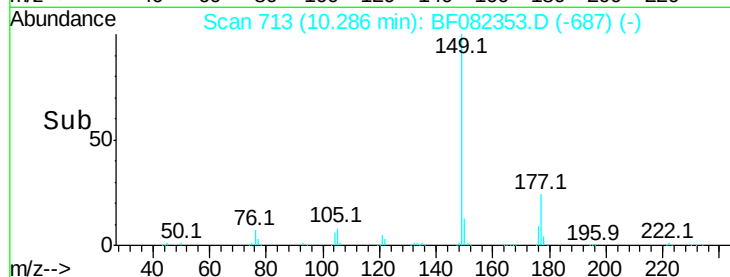
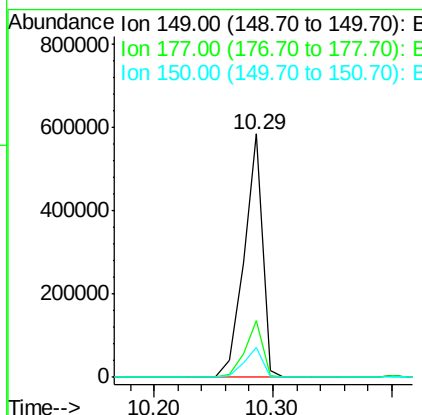
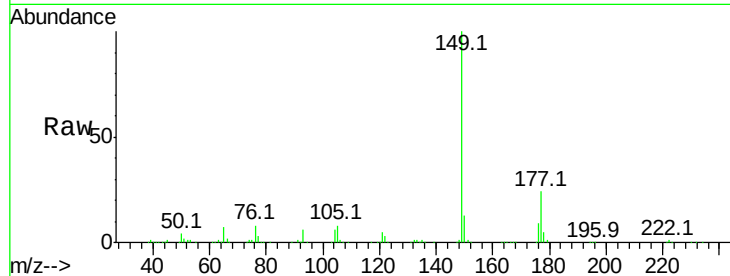
#59
Diethylphthalate
Concen: 46.60 ng
RT: 10.29 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	628938		
177	23.5		17.6	26.4
150	12.5		10.3	15.5

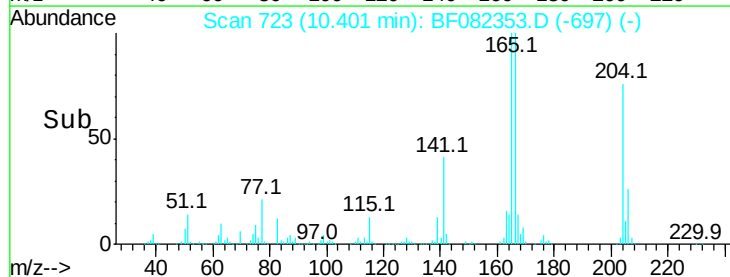
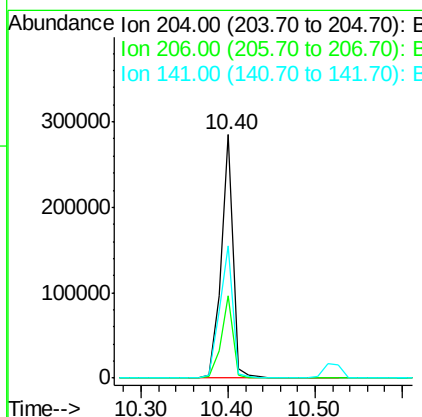
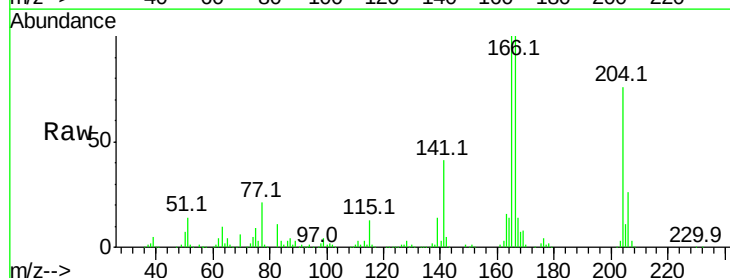
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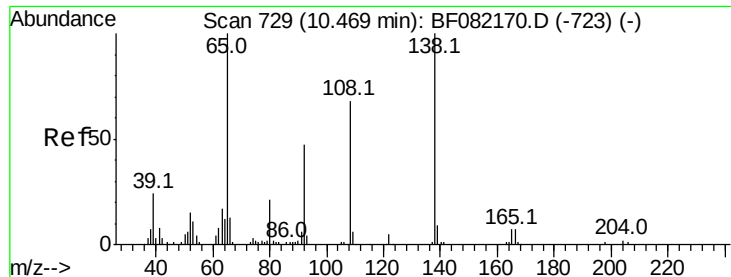
MMdadoda
10/20/2015 6:25:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.55 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	277559		
206	33.9		26.8	40.2
141	54.2		56.1	84.1#





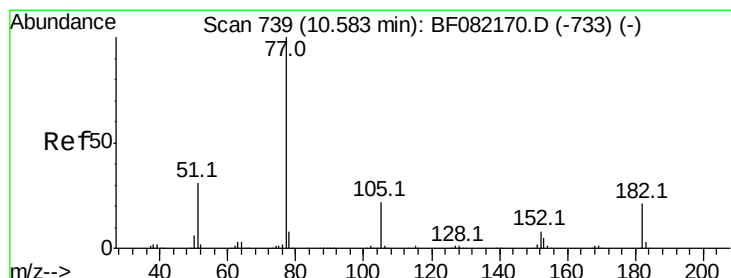
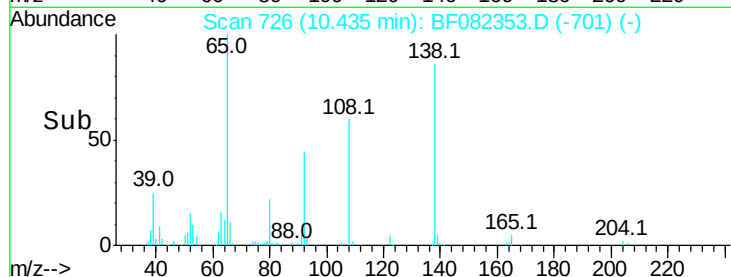
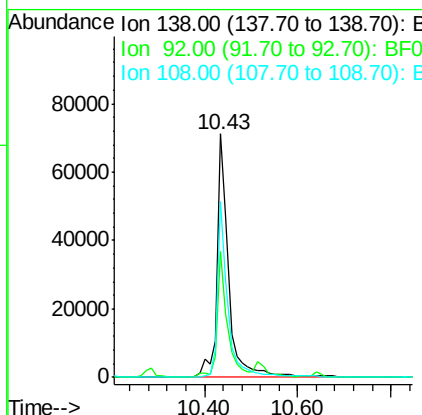
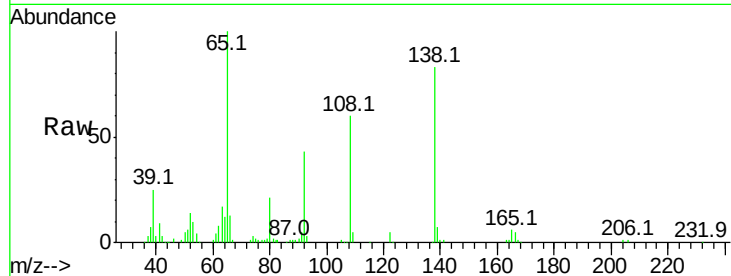
#61
4-Nitroaniline
Concen: 36.92 ng
RT: 10.43 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	51.5	26.8	66.8	
108	71.9	48.4	88.4	

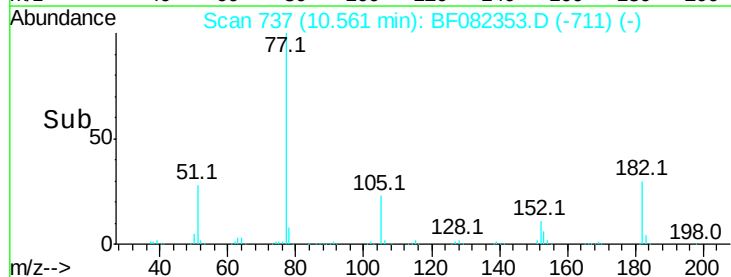
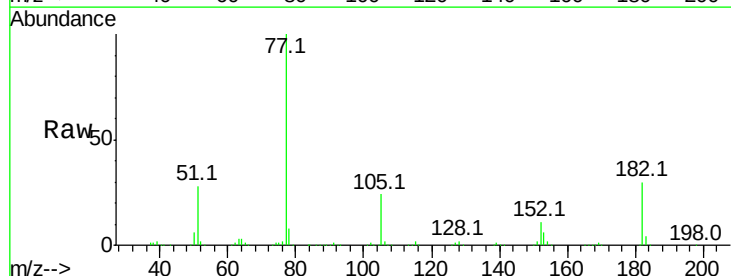
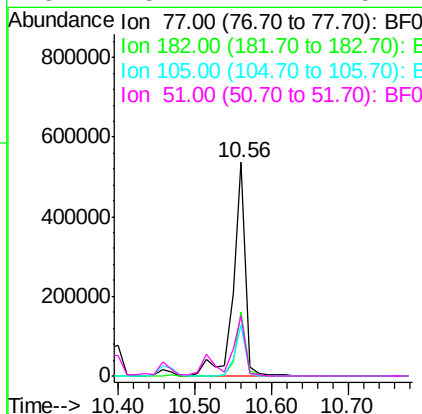
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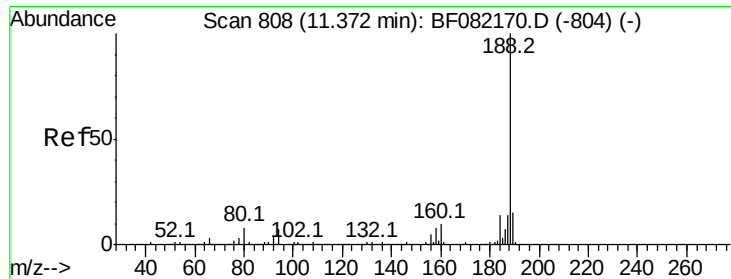
MMdadoda
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#62
Azobenzene
Concen: 45.20 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	30.2	0.5	40.5	
105	24.1	1.8	41.8	
51	28.2	11.2	51.2	





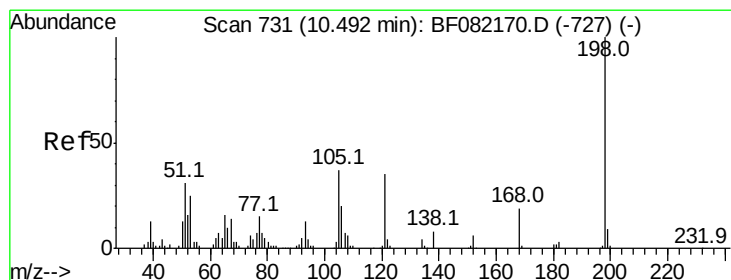
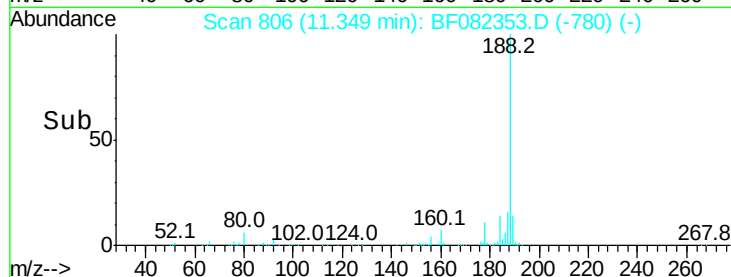
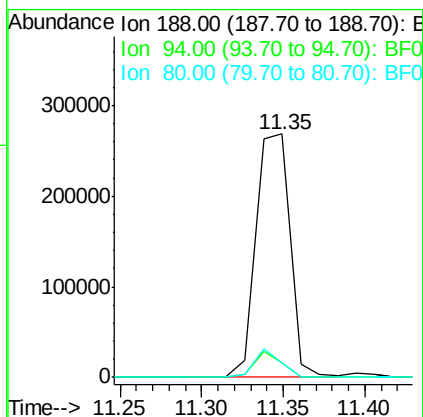
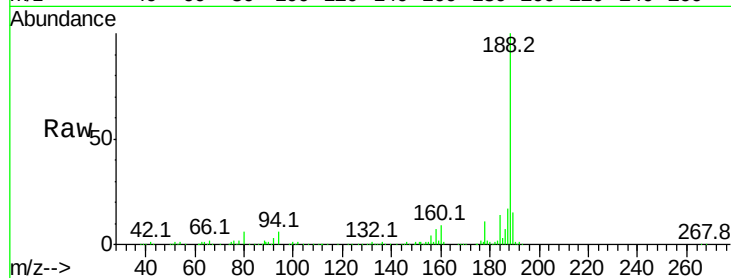
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.8	5.8	8.6#
80	6.1	6.4	9.6#

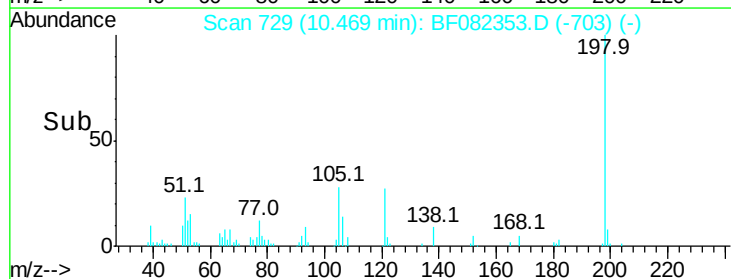
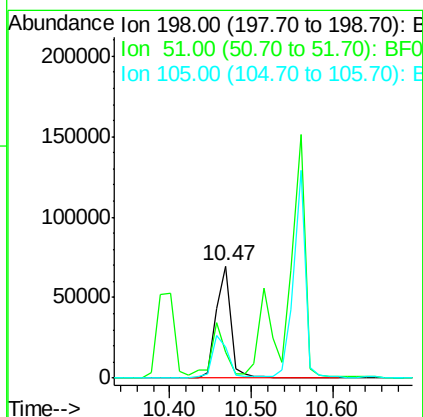
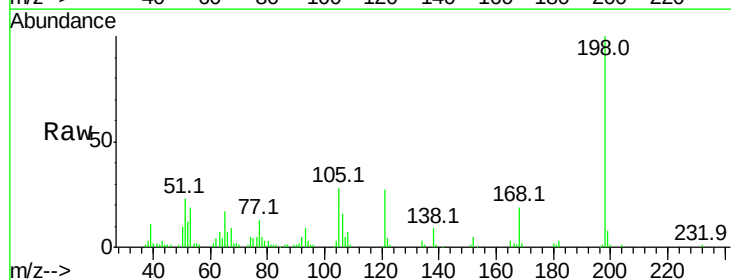
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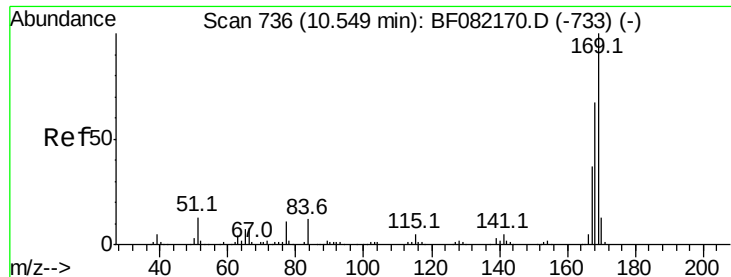
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.51 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	22.7	13.6	53.6
105	27.6	17.1	57.1





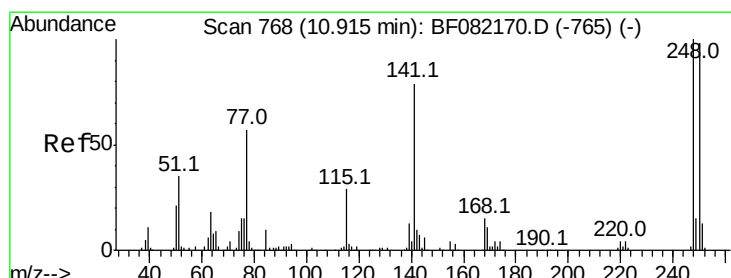
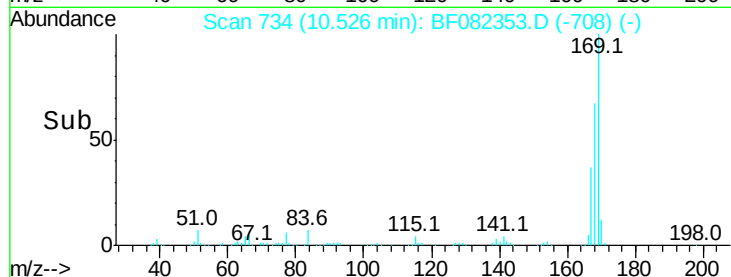
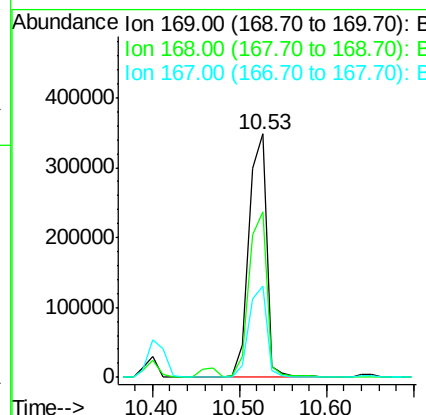
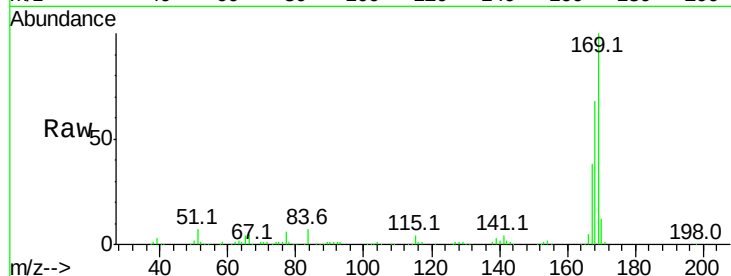
#65
 n-Nitrosodiphenylamine
 Concen: 42.71 ng
 RT: 10.53 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	501250		
168	67.7		54.0	81.0
167	37.6		29.6	44.4

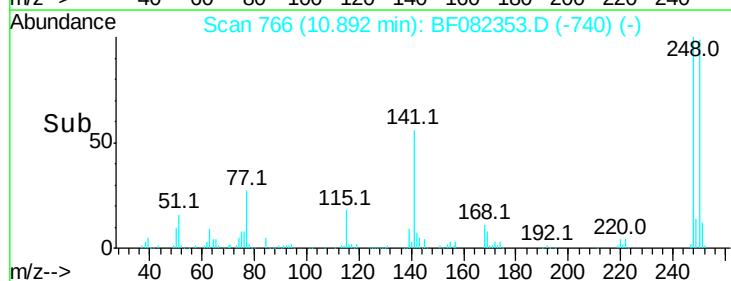
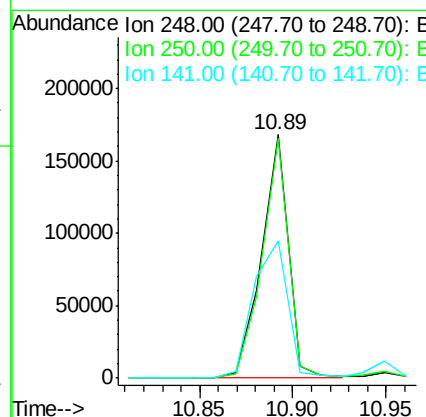
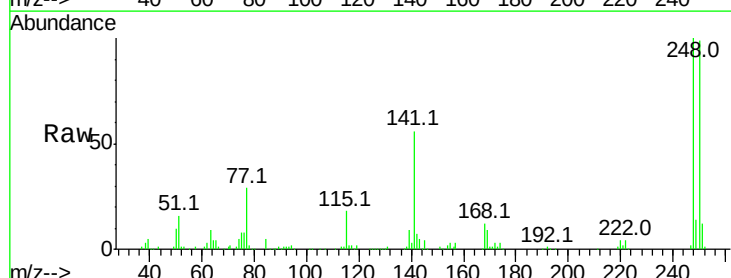
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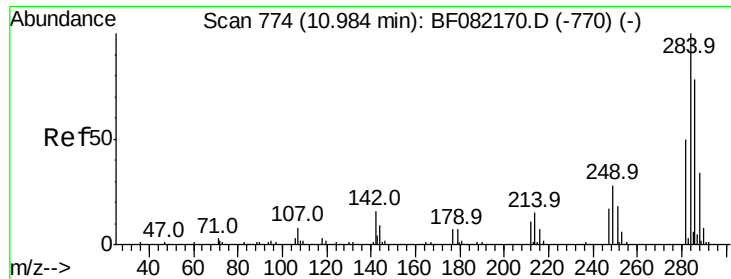
MMdadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 42.66 ng
 RT: 10.89 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	167381		
250	98.5		78.6	117.8
141	56.4		63.3	94.9#





#67

Hexachlorobenzene

Concen: 39.58 ng

RT: 10.95 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

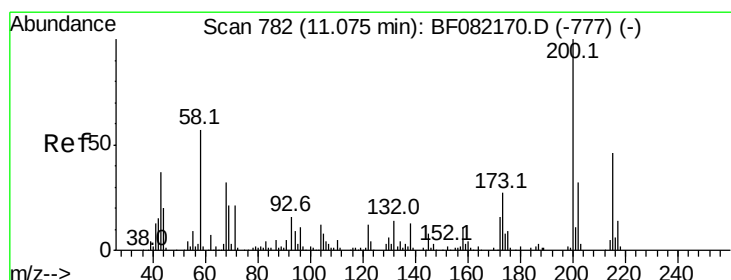
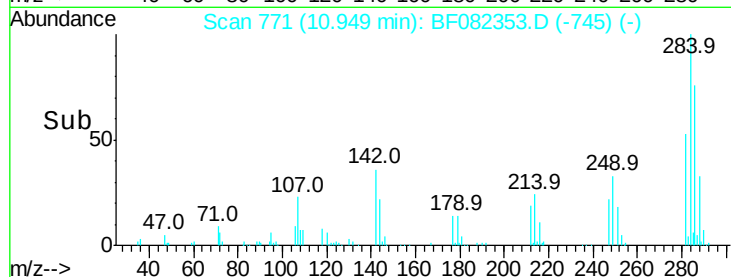
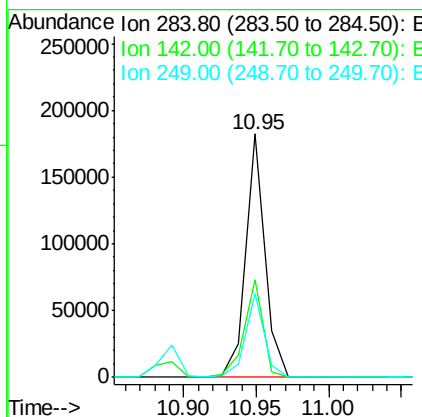
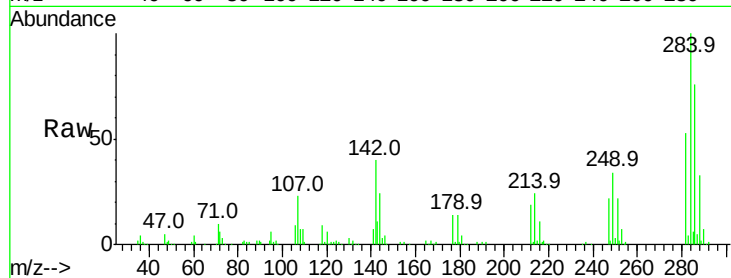
ClientSampleId :

PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	167951		
142	40.1	13.0	19.6#	
249	34.1	22.5	33.7#	

Manual Integrations
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#68

Atrazine

Concen: 43.42 ng

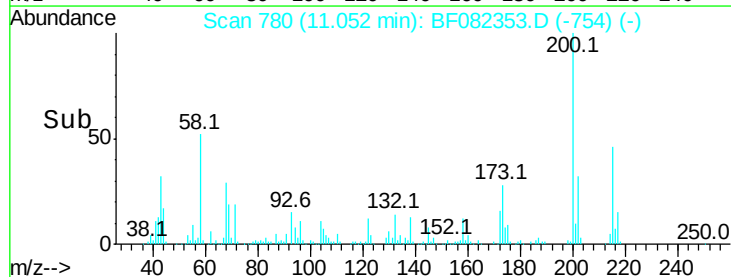
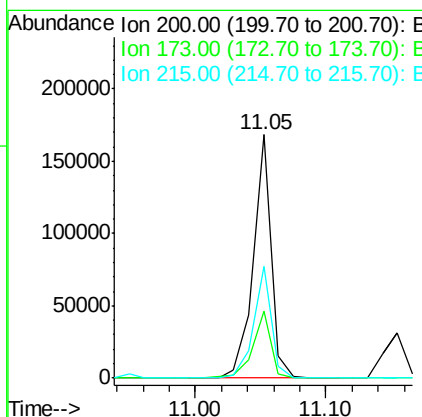
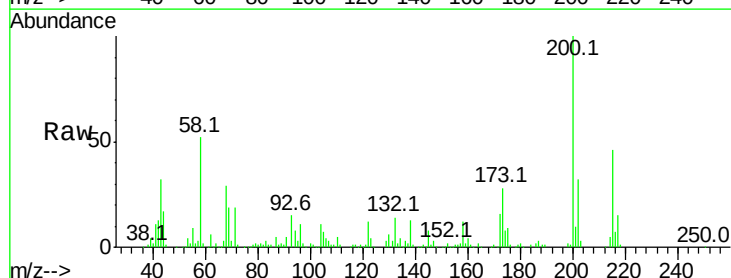
RT: 11.05 min Scan# 780

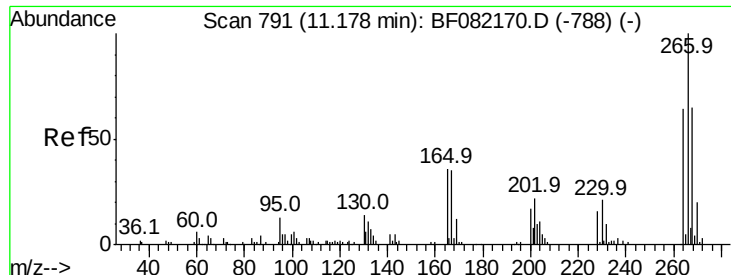
Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161450		
173	27.7	7.3	47.3	
215	45.9	26.2	66.2	





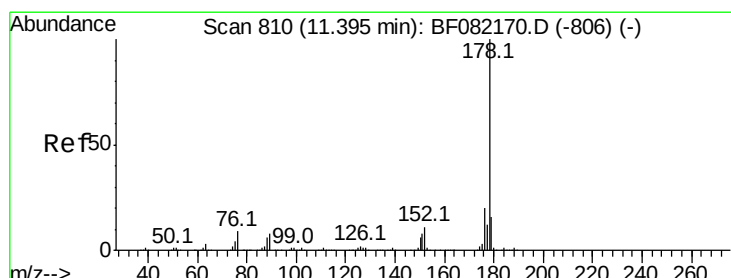
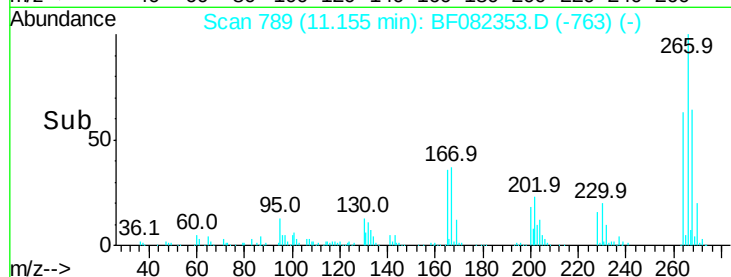
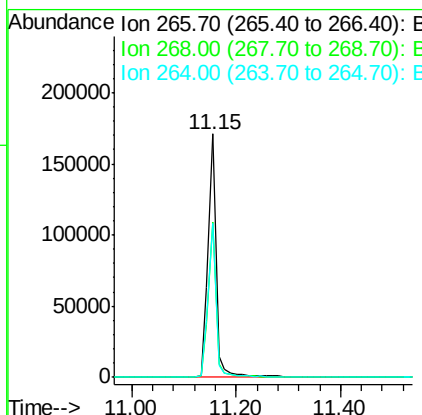
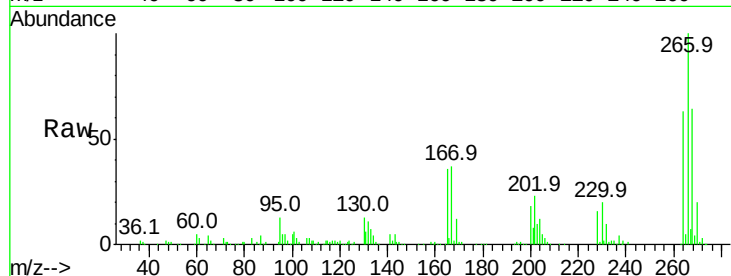
#69
 Pentachlorophenol
 Concen: 86.12 ng
 RT: 11.15 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	188022		
268	63.8	52.0	78.0	
264	63.2	51.4	77.0	

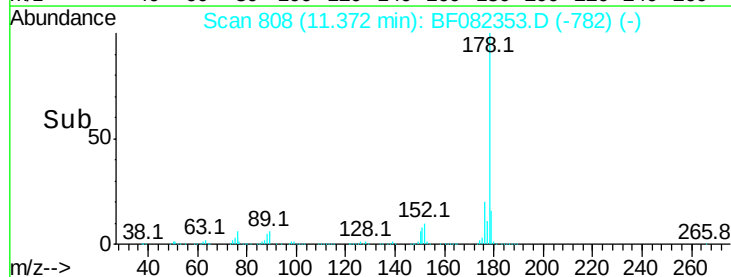
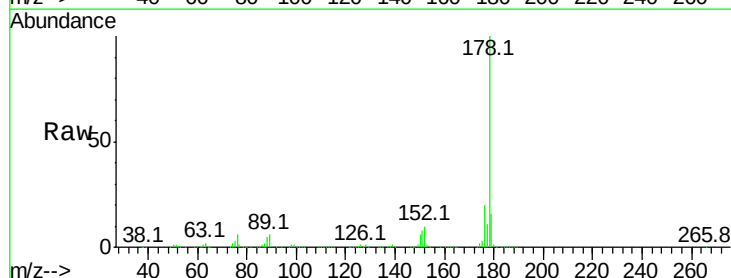
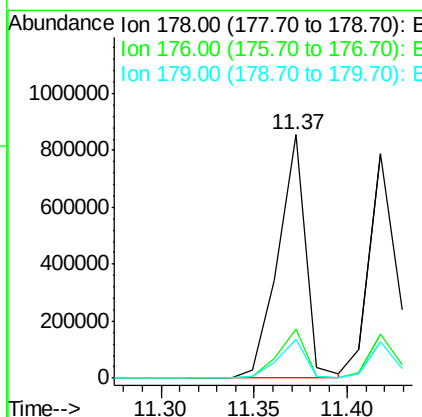
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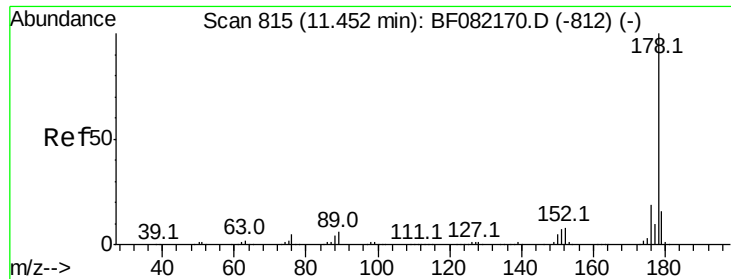
MMdadoda
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#70
 Phenanthrene
 Concen: 45.64 ng
 RT: 11.37 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	877035		
176	20.1	16.0	24.0	
179	15.7	12.6	19.0	





#71

Anthracene

Concen: 41.37 ng

RT: 11.42 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

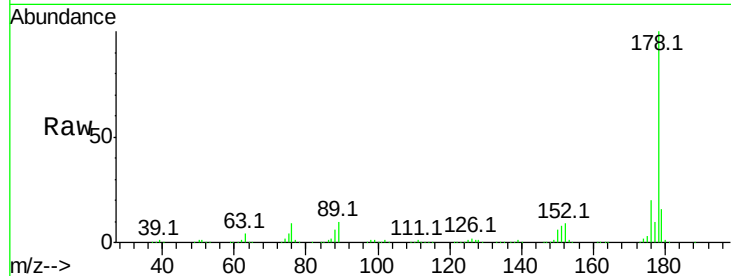
ClientSampleId :

PB86128BSD

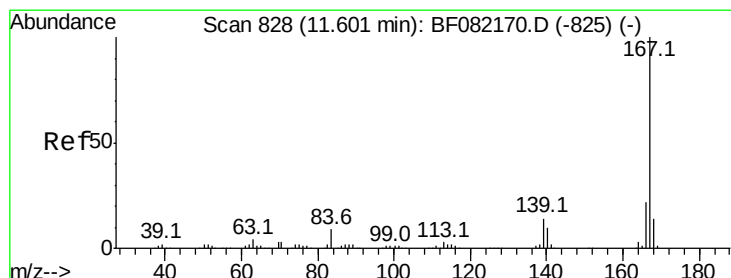
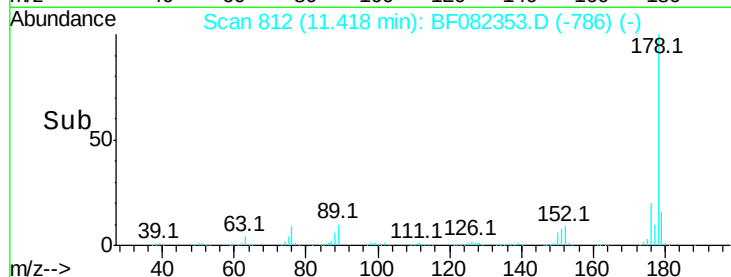
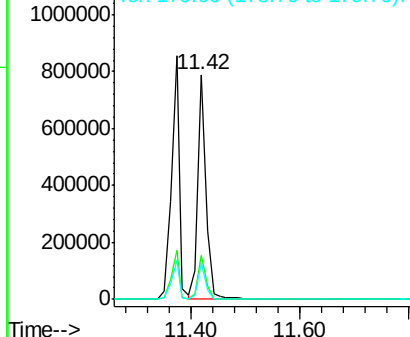
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.1	12.5	18.7

Manual Integrations
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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



#72

Carbazole

Concen: 40.21 ng

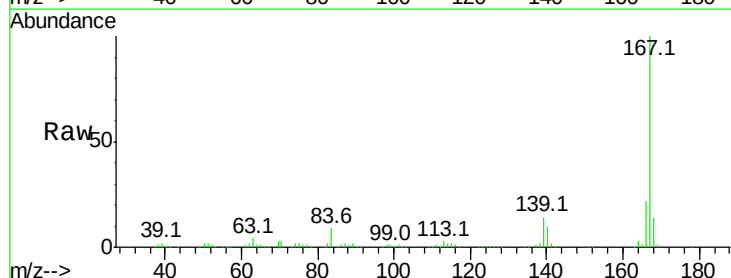
RT: 11.58 min Scan# 826

Delta R.T. 0.00 min

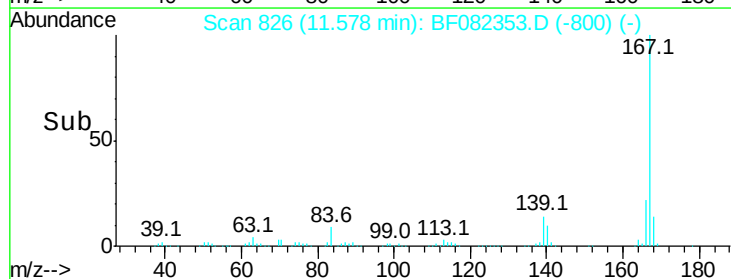
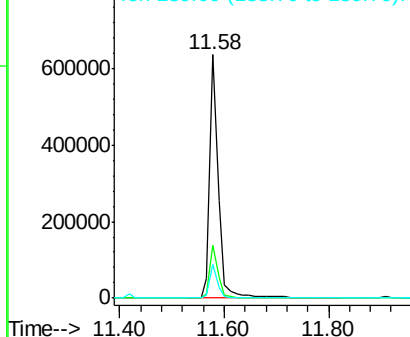
Lab File: BF082353.D

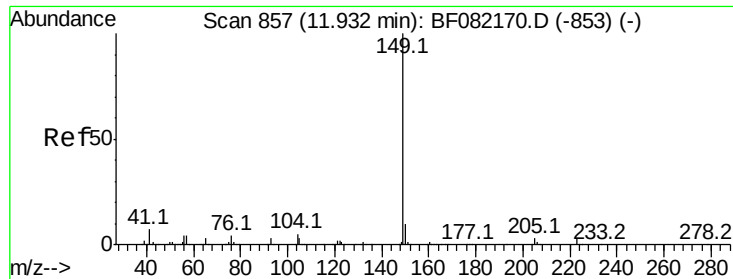
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.8	11.2	16.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.58 ng

RT: 11.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

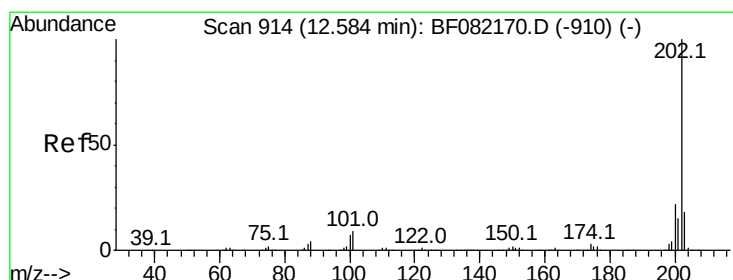
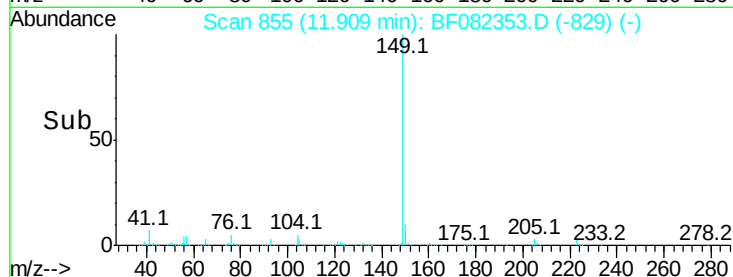
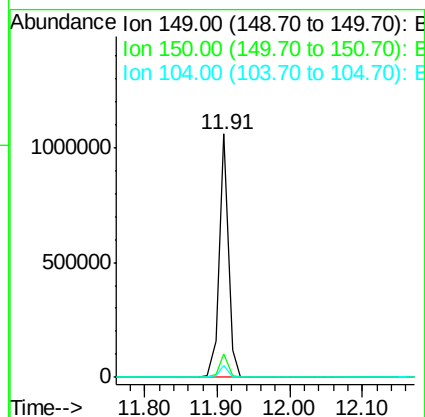
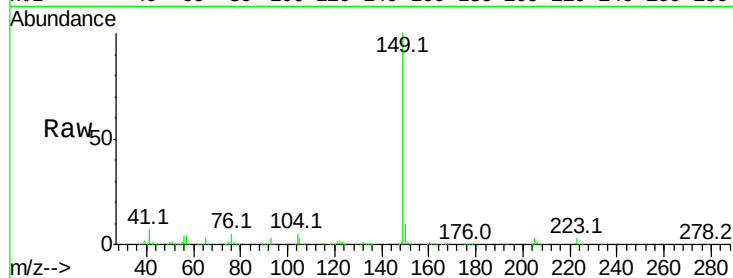
ClientSampleId :

PB86128BSD

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Tot Ion:	149	Resp:	926464
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.8



#74

Fluoranthene

Concen: 43.56 ng

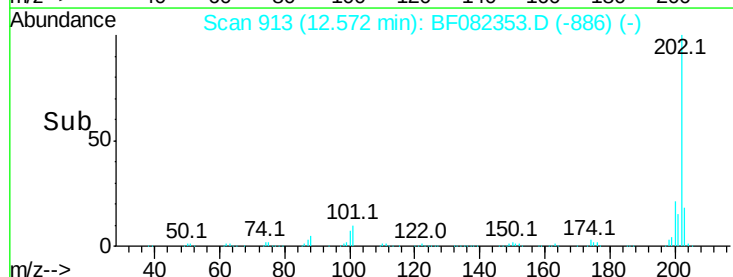
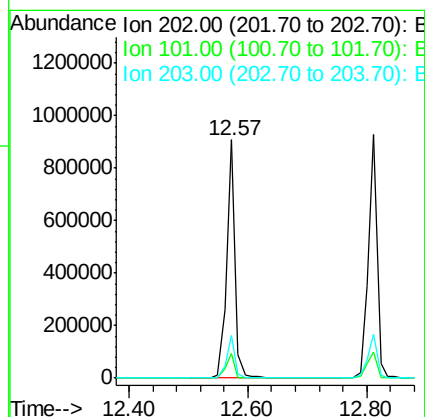
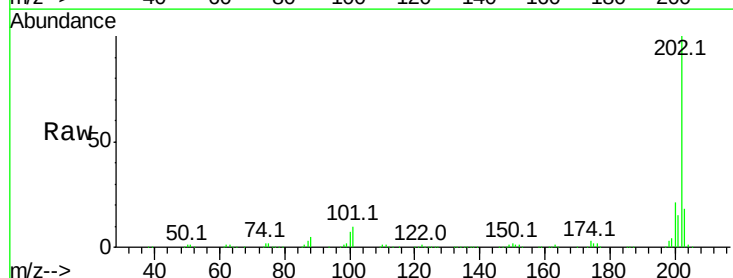
RT: 12.57 min Scan# 913

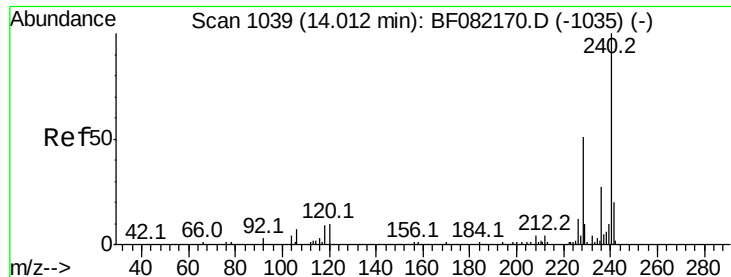
Delta R.T. 0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	202	Resp:	898933
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	29.3
203	17.8	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.03 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

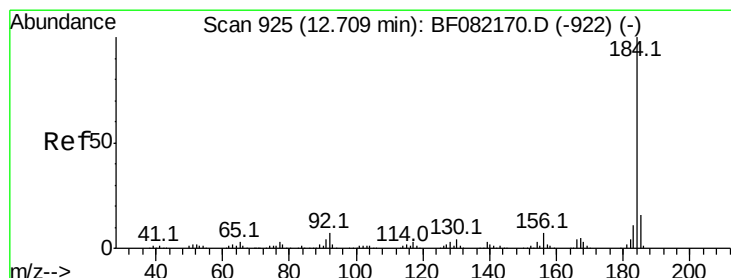
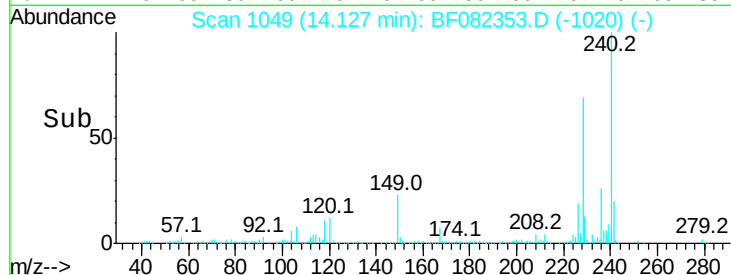
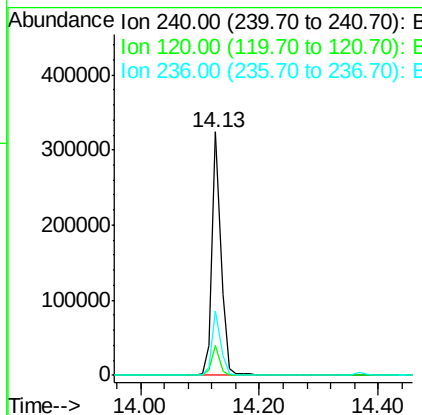
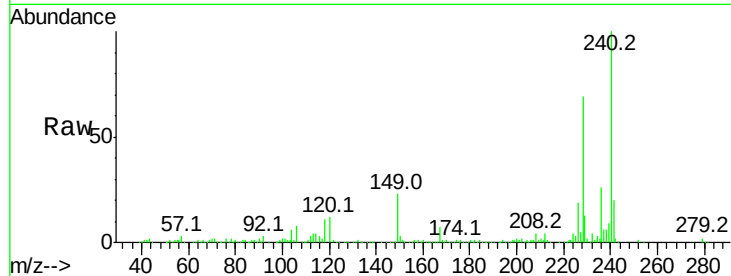
ClientSampleId :

PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.2	8.1	12.1	
236	26.4	21.3	31.9	

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#76

Benzidine

Concen: 30.69 ng

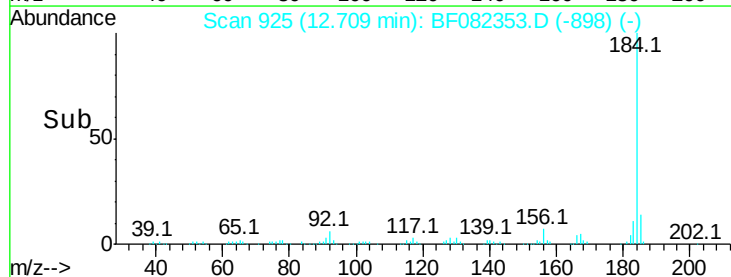
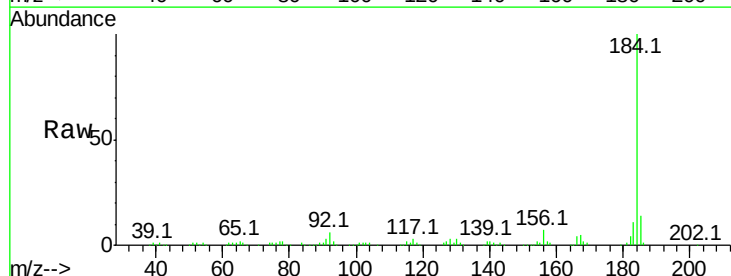
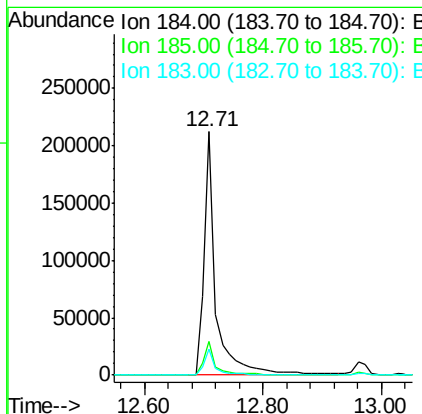
RT: 12.71 min Scan# 925

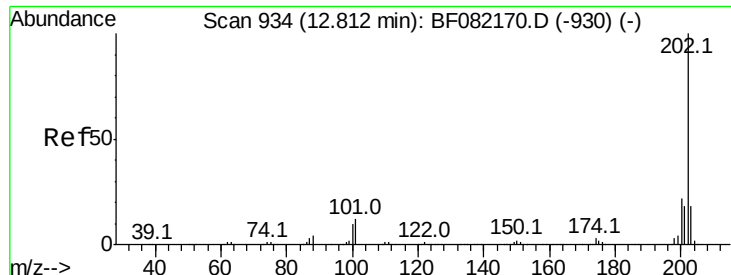
Delta R.T. 0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.8	12.5	18.7	
183	11.0	9.1	13.7	





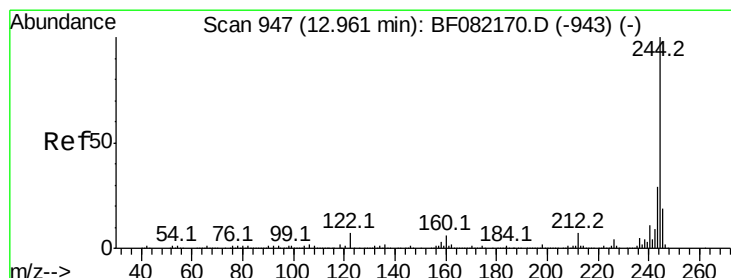
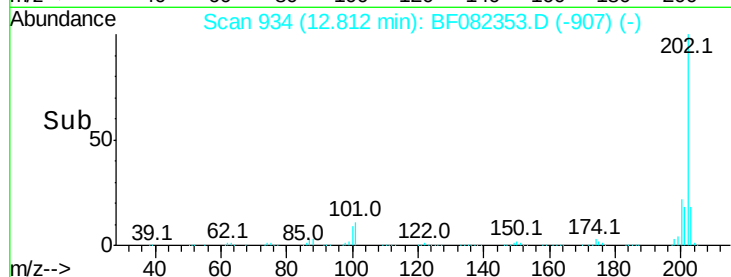
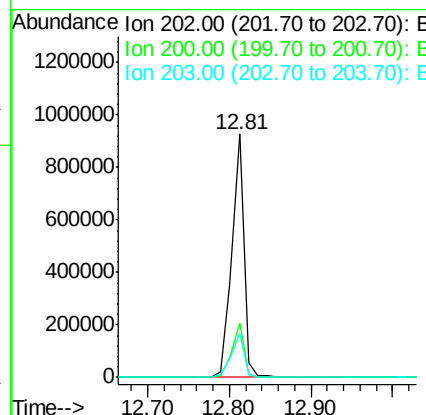
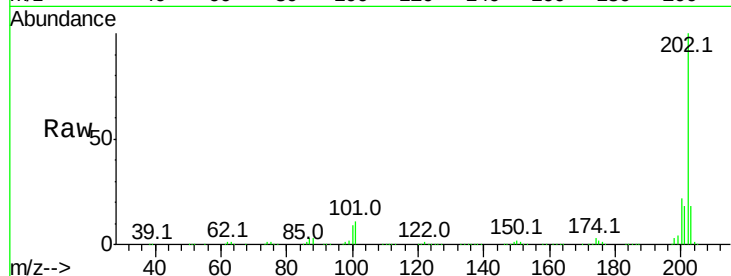
#77
 Pvrene
 Concen: 46.80 ng
 RT: 12.81 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.9	26.9
203	18.0	14.5	21.7

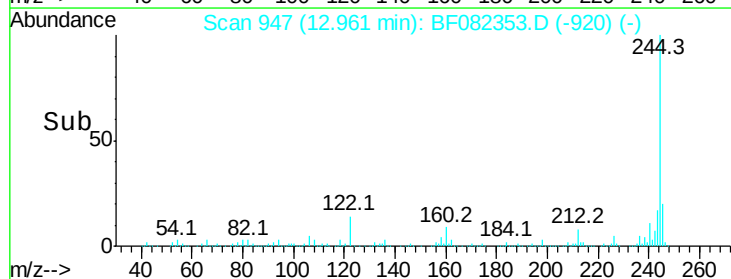
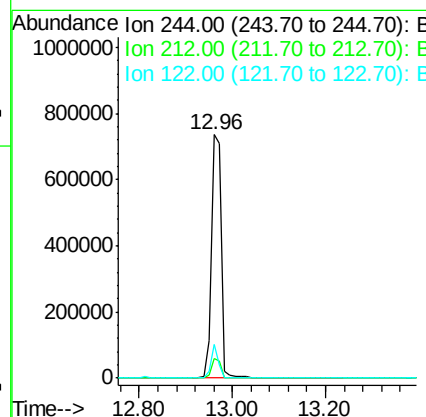
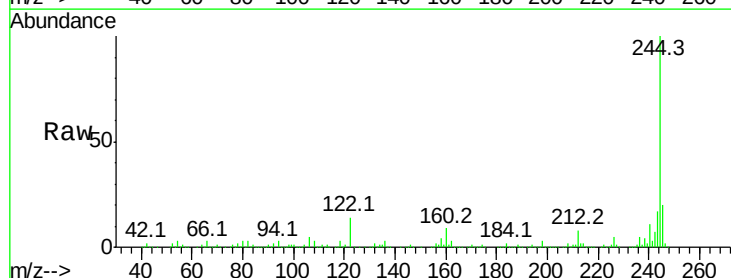
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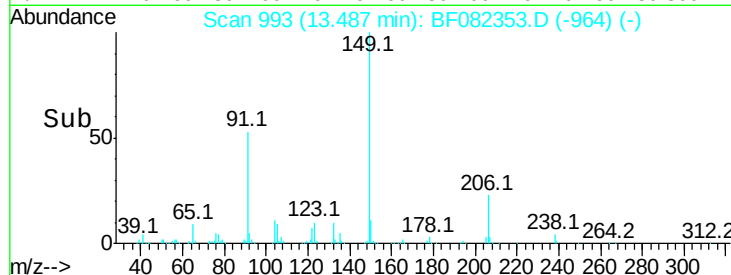
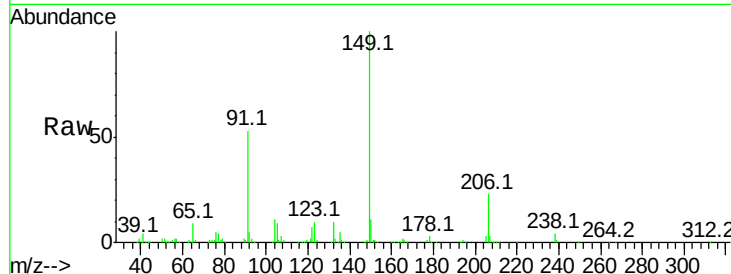
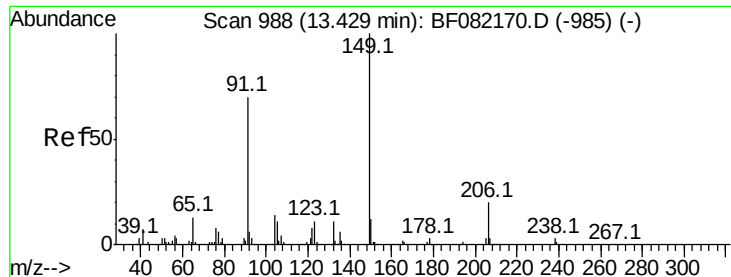
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#78
 Terphenyl-d14
 Concen: 86.92 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.6
122	13.7	5.9	8.9#





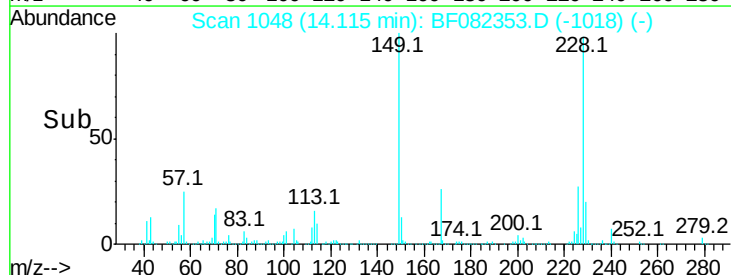
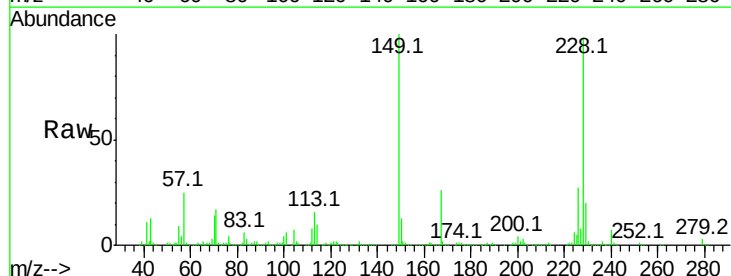
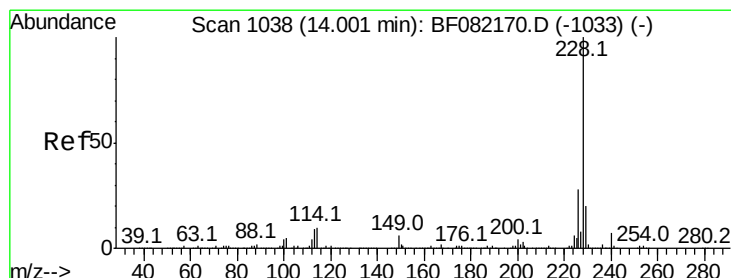
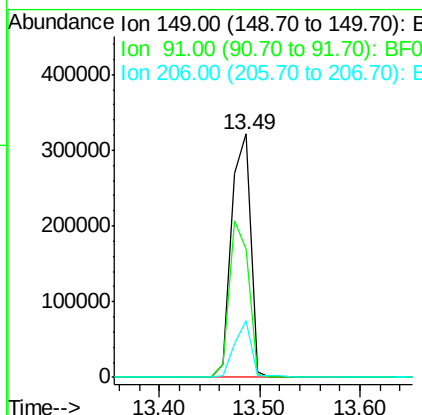
#79
Butylbenzylphthalate
Concen: 46.16 ng
RT: 13.49 min Scan# 993
Delta R.T. 0.03 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tot Ion	Ratio	Resp	Lower	Upper
149	100	425088		
91	52.9	55.7	83.5#	
206	23.1	15.6	23.4	

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

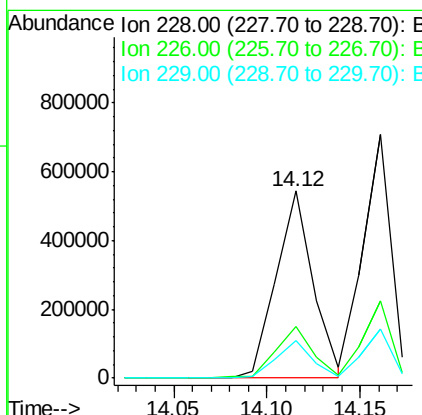
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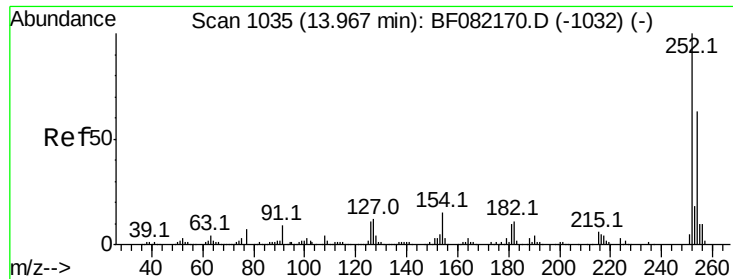
MMdadoda
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#80
Benzo(a)anthracene
Concen: 42.33 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.05 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	748860		
226	27.7	22.3	33.5	
229	20.0	16.2	24.2	





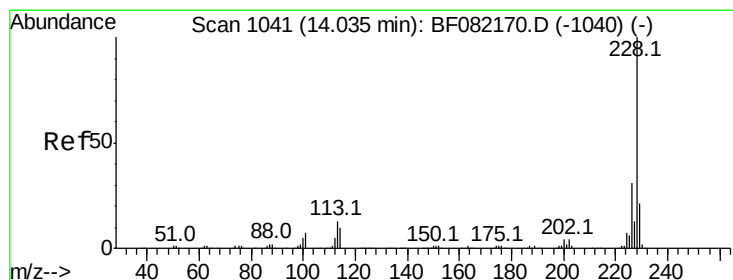
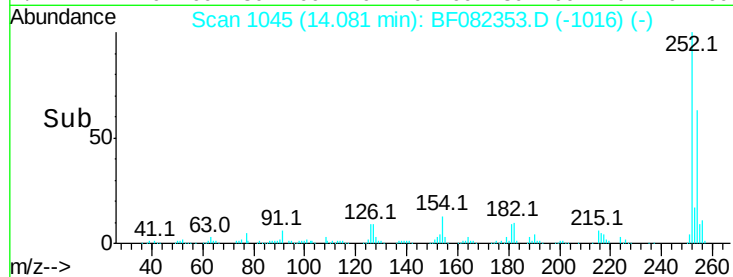
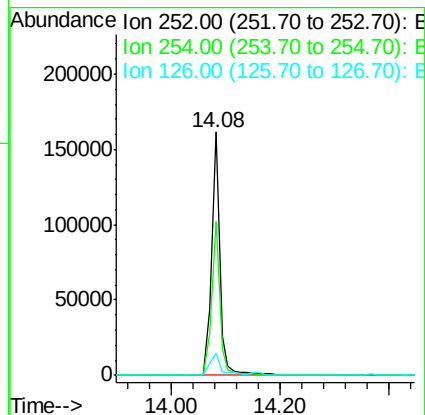
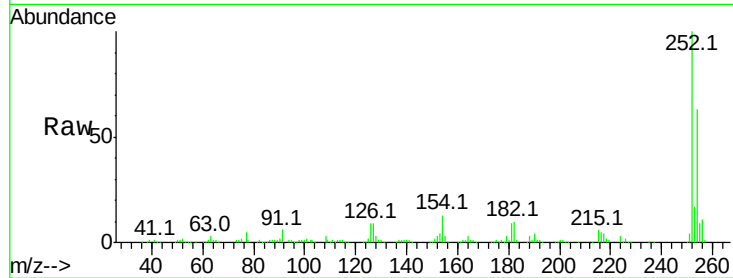
#81
 3,3'-Dichlorobenzidine
 Concen: 25.81 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.03 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	173317		
254	63.0	50.7	76.1	
126	9.2	9.0	13.6	

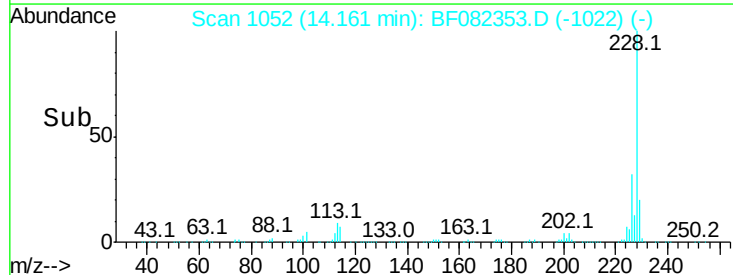
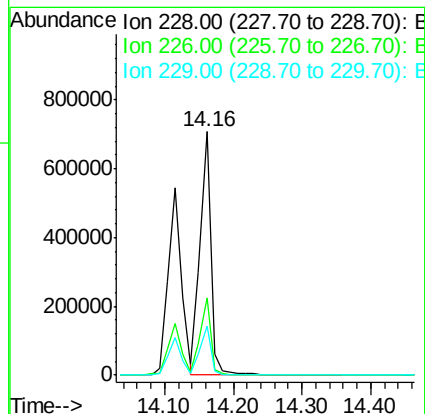
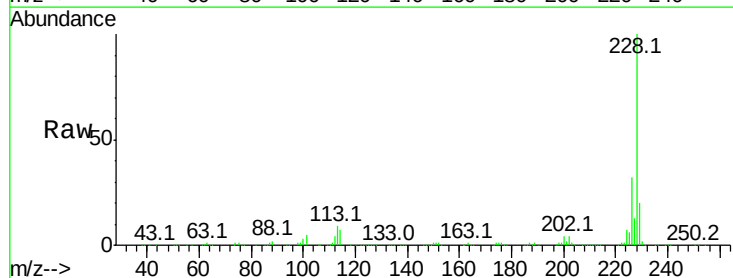
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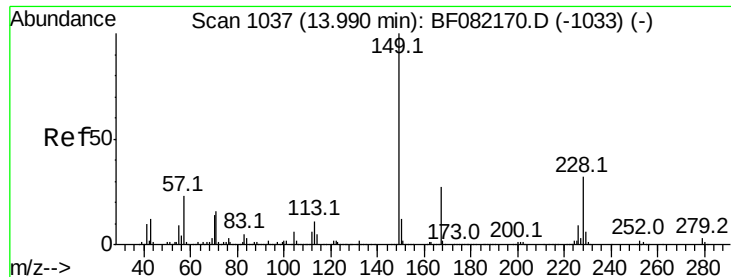
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#82
 Chrysene
 Concen: 40.79 ng
 RT: 14.16 min Scan# 1052
 Delta R.T. 0.05 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	760346		
226	31.6	24.4	36.6	
229	20.1	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.58 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.05 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

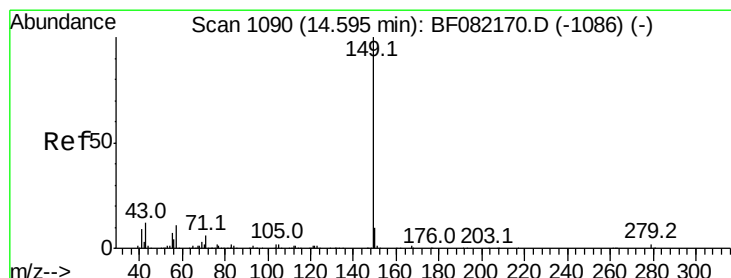
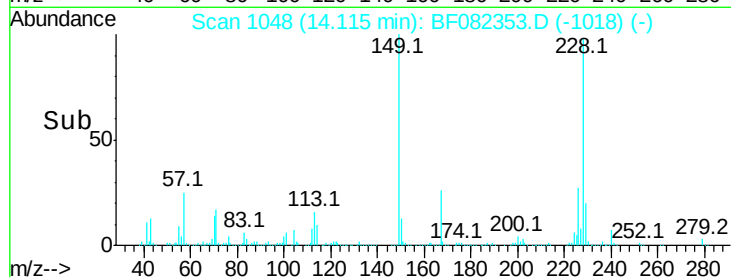
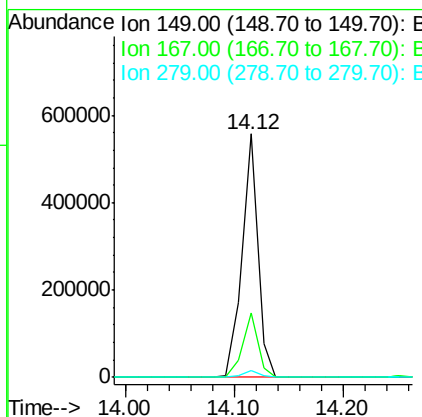
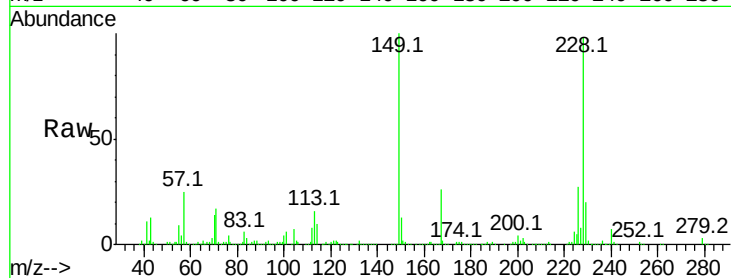
ClientSampleId :

PB86128BSD

Tot Ion:	149	Resp:	559423
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	2.8	2.6	4.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 42.81 ng

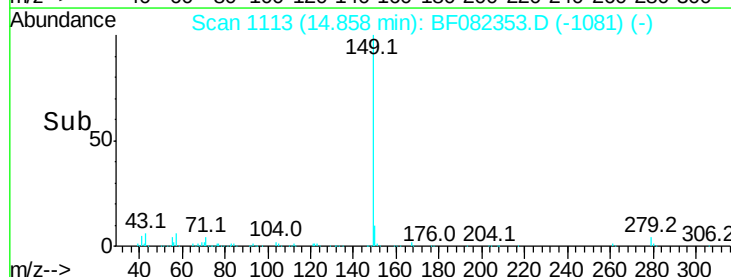
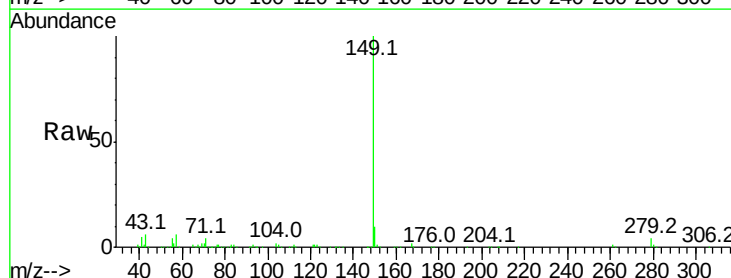
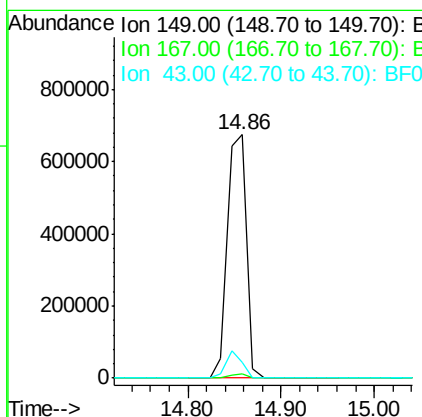
RT: 14.86 min Scan# 1113

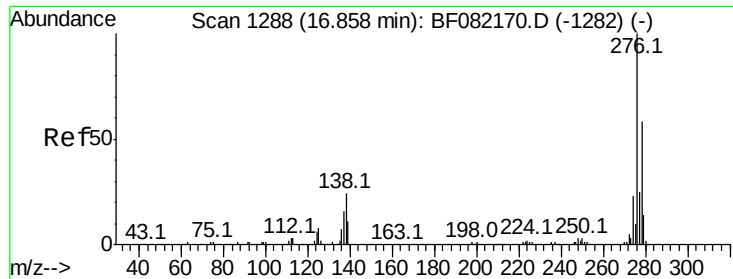
Delta R.T. 0.07 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:	149	Resp:	965894
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	9.1	7.4	11.2





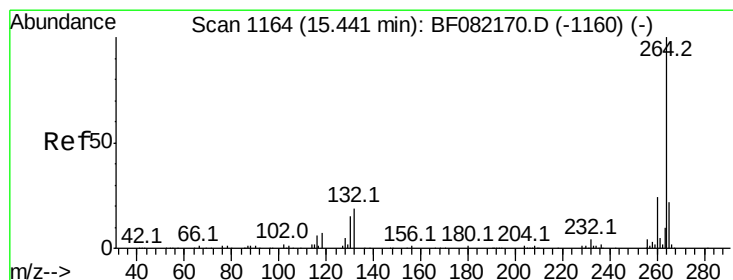
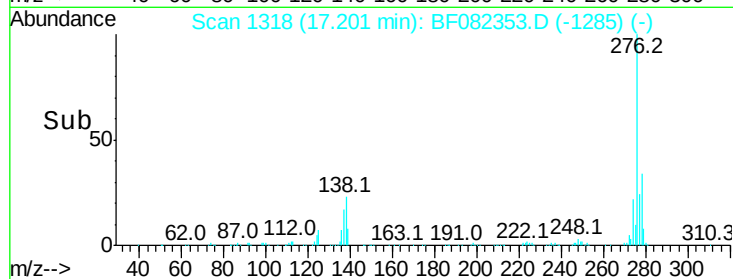
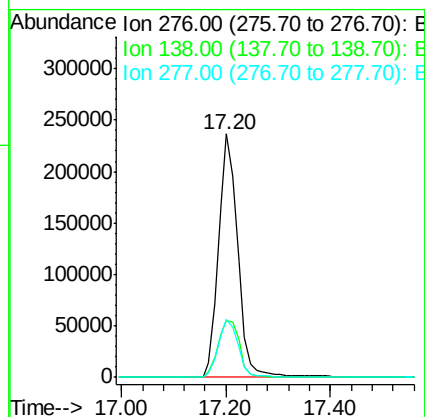
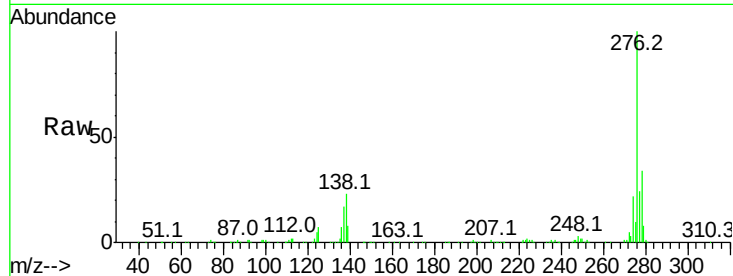
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.11 ng
RT: 17.20 min Scan# 1318
Delta R.T. 0.08 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	19.7	29.5
277	24.9	20.1	30.1

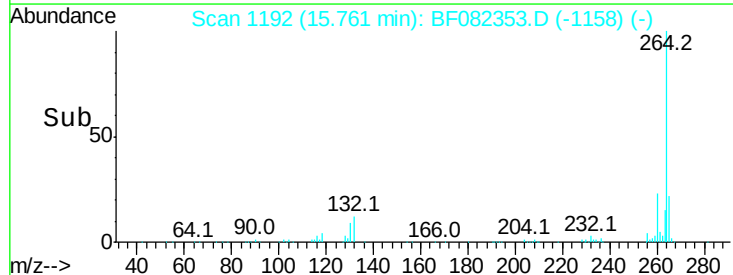
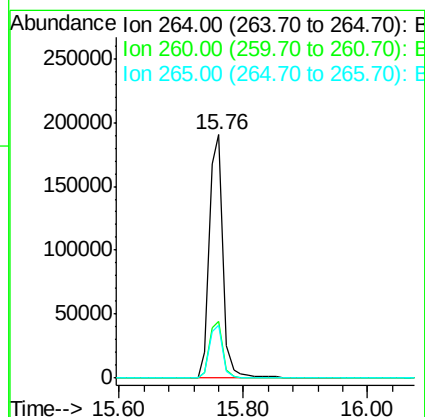
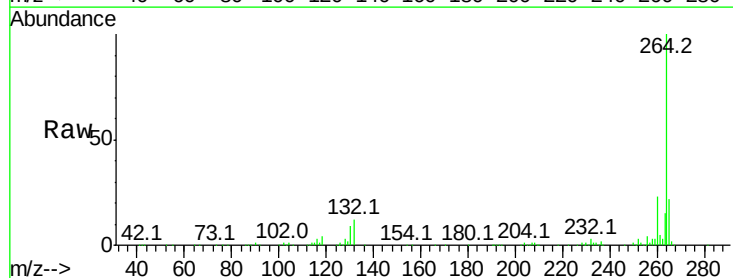
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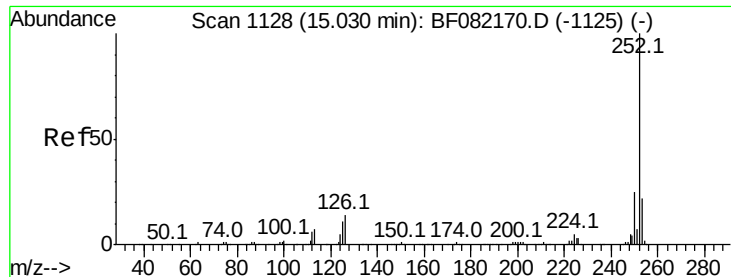
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.76 min Scan# 1192
Delta R.T. 0.09 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.6	17.3	25.9





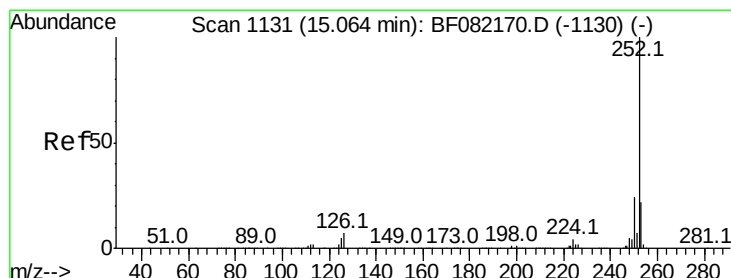
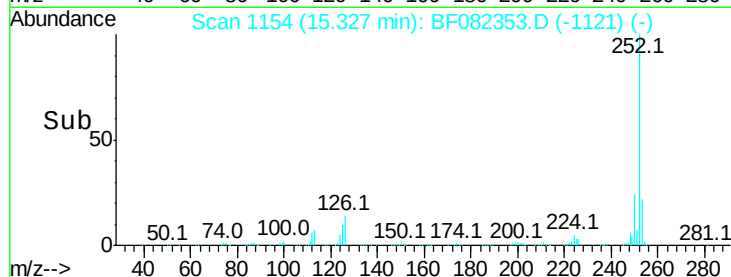
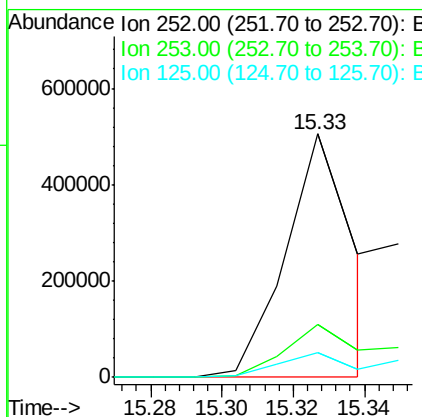
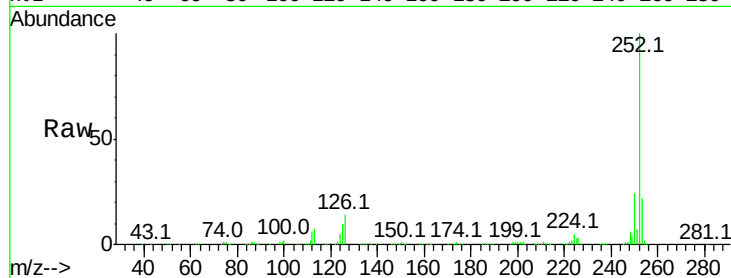
#87
Benzo(b)fluoranthene
Concen: 37.39 ng m
RT: 15.33 min Scan# 1154
Delta R.T. 0.08 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.1	8.6	12.8

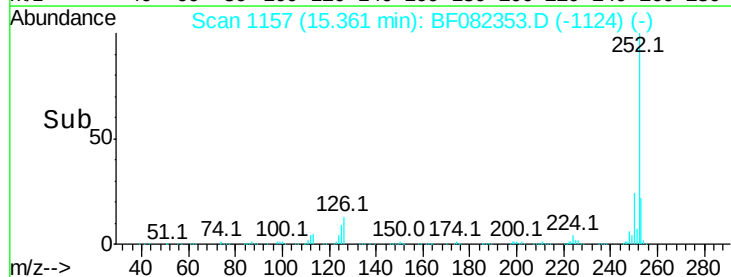
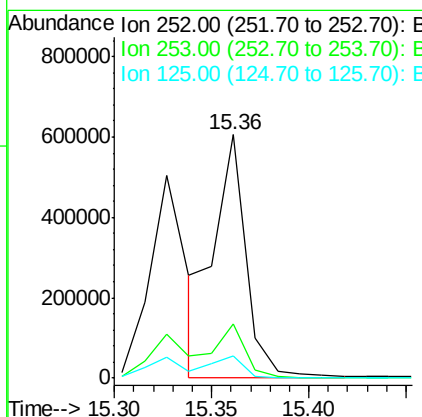
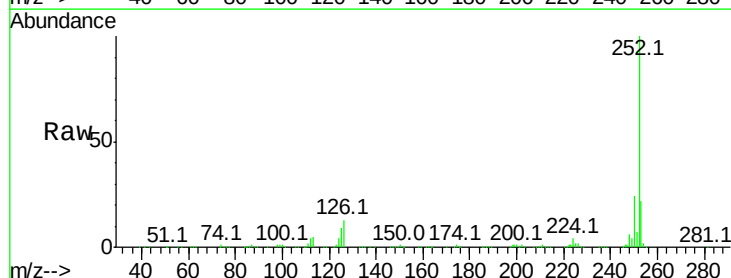
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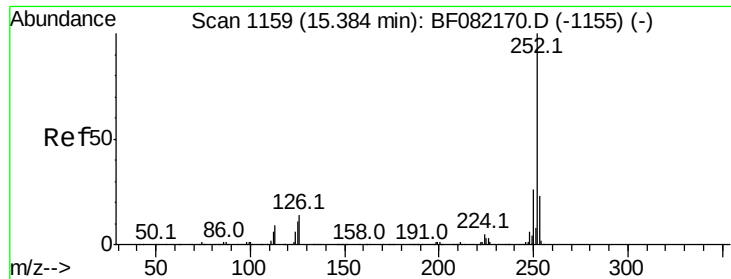
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#88
Benzo(k)fluoranthene
Concen: 47.27 ng m
RT: 15.36 min Scan# 1157
Delta R.T. 0.08 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	8.9	6.7	10.1





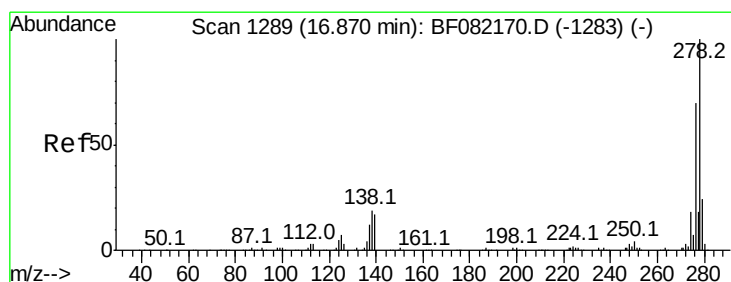
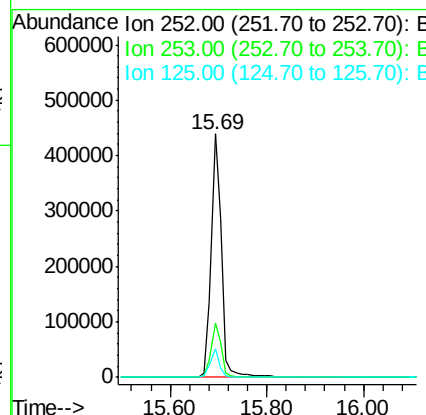
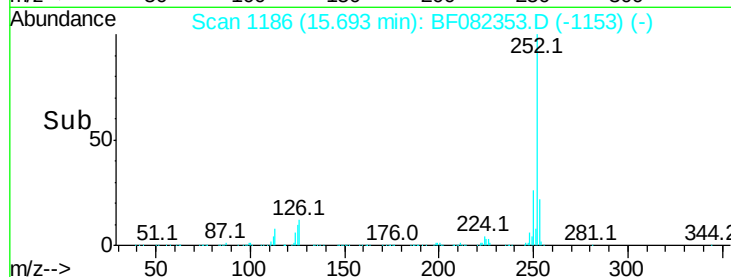
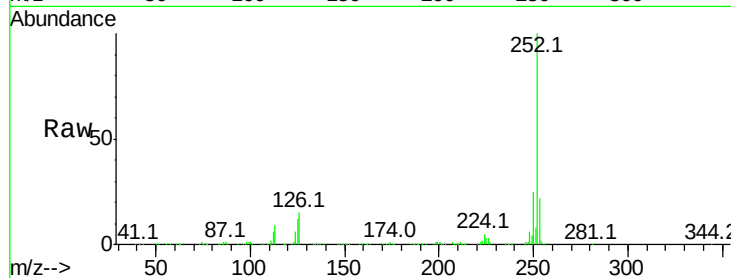
#89
Benzo(a)pyrene
Concen: 42.55 ng
RT: 15.69 min Scan# 1186
Delta R.T. 0.08 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.6	8.9	13.3

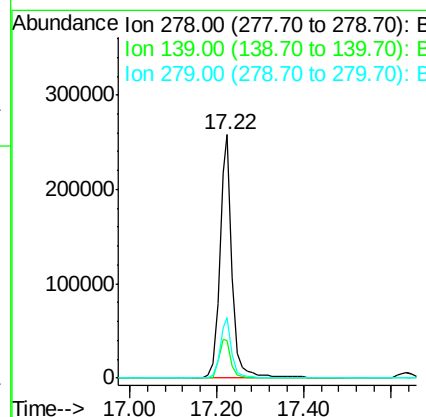
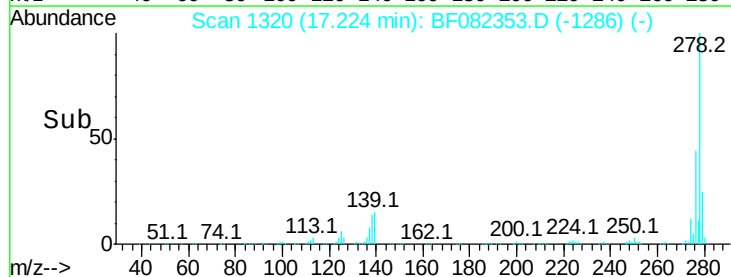
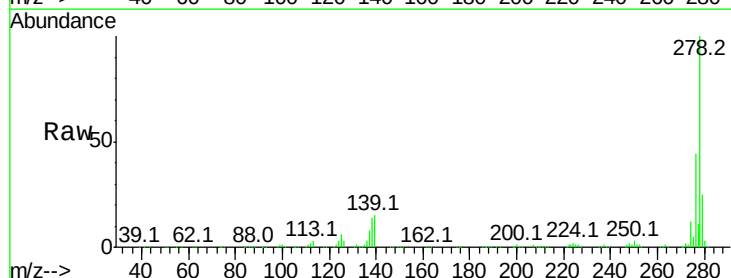
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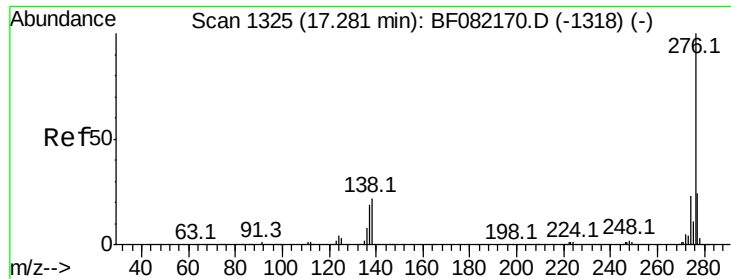
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#90
Dibenzo(a,h)anthracene
Concen: 41.74 ng
RT: 17.22 min Scan# 1320
Delta R.T. 0.09 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.3	19.9
279	24.7	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 40.63 ng
 RT: 17.64 min Scan# 1356
 Delta R.T. 0.09 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.9	17.4	26.2

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