

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082358.D
 Acq On : 19 Oct 2015 16:28
 Operator : UM/IZ
 Sample : PB86165BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:25:48 PM

Quant Time: Oct 20 02:20:57 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	103570	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	411353	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	212851	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	399897	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	348320	20.00	ng	-0.03
86) Perylene-d12	15.60	264	294221	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	595466	116.04	ng	0.01
7) Phenol-d6	6.45	99	765015	114.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	486637	79.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	210702	105.55	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1065537	83.02	ng	0.00
78) Terphenyl-d14	12.94	244	981000	74.63	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	77669	30.12	ng	94
3) Pyridine	3.14	79	228543	38.11	ng	98
4) n-Nitrosodimethylamine	3.11	42	92832	36.50	ng	99
6) Aniline	6.47	93	187819	21.81	ng	# 81
8) 2-Chlorophenol	6.58	128	227673	36.34	ng	# 78
9) Benzaldehyde	6.34	77	98953	29.02	ng	89
10) Phenol	6.46	94	261779	34.00	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	231905	35.62	ng	95
12) 1,3-Dichlorobenzene	6.74	146	274190m	37.58	ng	
13) 1,4-Dichlorobenzene	6.82	146	273976	35.96	ng	96
14) 1,2-Dichlorobenzene	6.97	146	267032	36.91	ng	95
15) Benzyl Alcohol	6.95	79	184807	40.09	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	327138	36.08	ng	98
17) 2-Methylphenol	7.07	107	189809	38.31	ng	97
18) Hexachloroethane	7.31	117	98228	37.67	ng	# 87
19) n-Nitroso-di-n-propylamine	7.22	70	160892	34.31	ng	# 88
20) 3+4-Methylphenols	7.22	107	232098	39.32	ng	97
22) Acetophenone	7.22	105	322190	39.59	ng	# 95
24) Nitrobenzene	7.39	77	247735	37.36	ng	94
25) Isophorone	7.63	82	461335	37.32	ng	98
26) 2-Nitrophenol	7.71	139	134522	40.63	ng	96
27) 2,4-Dimethylphenol	7.76	122	213234	39.98	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	285343	39.67	ng	99
29) 2,4-Dichlorophenol	7.95	162	218603	41.00	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	233499	37.99	ng	99
31) Naphthalene	8.11	128	692444	38.83	ng	100
32) Benzoic acid	7.89	122	116699	32.60	ng	98
33) 4-Chloroaniline	8.17	127	112969	15.25	ng	97
34) Hexachlorobutadiene	8.23	225	140714	36.74	ng	97
35) Caprolactam	8.55	113	63653m	41.13	ng	
36) 4-Chloro-3-methylphenol	8.66	107	220958	42.38	ng	97
37) 2-Methylnaphthalene	8.81	142	501271	40.55	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	224822	35.51	ng	98
40) Hexachlorocyclopentadiene	8.96	237	198818	63.92	ng	99

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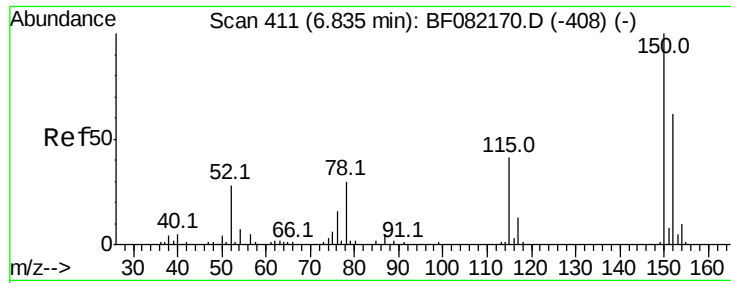
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	152360	36.23	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	165663	36.37	nq	# 88
45) 1,1'-Biphenyl	9.28	154	589719	36.33	nq	95
46) 2-Chloronaphthalene	9.30	162	482709	37.78	nq	99
47) 2-Nitroaniline	9.41	65	146439	41.75	nq	# 75
48) Acenaphthylene	9.71	152	735541	36.95	nq	100
49) Dimethylphthalate	9.58	163	549678	36.67	nq	100
50) 2,6-Dinitrotoluene	9.65	165	115671	36.57	nq	# 77
51) Acenaphthene	9.89	154	434641	36.37	nq	98
52) 3-Nitroaniline	9.82	138	66946	18.74	nq	98
53) 2,4-Dinitrophenol	9.93	184	123360	70.62	nq	# 87
54) Dibenzofuran	10.06	168	620691	37.83	nq	97
55) 4-Nitrophenol	9.99	139	143576	63.44	nq	# 84
56) 2,4-Dinitrotoluene	10.06	165	166784	42.19	nq	92
57) Fluorene	10.40	166	492854	36.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	146151	39.27	nq	96
59) Diethylphthalate	10.29	149	572025	40.94	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	243899	39.52	nq	# 79
61) 4-Nitroaniline	10.43	138	119993	34.63	nq	96
62) Azobenzene	10.56	77	550352	40.25	nq	86
64) 4,6-Dinitro-2-methylphenol	10.46	198	83221	37.08	nq	# 57
65) n-Nitrosodiphenylamine	10.51	169	458944	38.33	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	149790	37.43	nq	# 81
67) Hexachlorobenzene	10.95	284	165704	38.28	nq	# 81
68) Atrazine	11.05	200	173377	45.71	nq	98
69) Pentachlorophenol	11.15	266	162922	73.15	nq	98
70) Phenanthrene	11.37	178	792460	40.43	nq	99
71) Anthracene	11.42	178	807257	39.97	nq	99
72) Carbazole	11.58	167	704200	38.22	nq	99
73) Di-n-butylphthalate	11.91	149	944787	41.56	nq	99
74) Fluoranthene	12.56	202	879353	41.77	nq	99
76) Benzidine	12.69	184	307732	30.49	nq	98
77) Pyrene	12.79	202	849443	41.09	nq	100
79) Butylbenzylphthalate	13.43	149	373385	39.58	nq	91
80) Benzo(a)anthracene	14.05	228	698571	38.55	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	161277	23.44	nq	97
82) Chrysene	14.08	228	687219	35.99	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	538273	39.99	nq	99
84) Di-n-octyl phthalate	14.73	149	937554	40.56	nq	100
85) Indeno(1,2,3-cd)pyrene	17.03	276	591944	39.00	nq	98
87) Benzo(b)fluoranthene	15.19	252	702346	39.24	nq	# 97
88) Benzo(k)fluoranthene	15.21	252	571121m	37.96	nq	
89) Benzo(a)pyrene	15.54	252	607462	39.49	nq	98
90) Dibenzo(a,h)anthracene	17.05	278	489149	38.80	nq	98
91) Benzo(g,h,i)perylene	17.46	276	477985	39.03	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. 0.00 min

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Instrument :

BNA_F

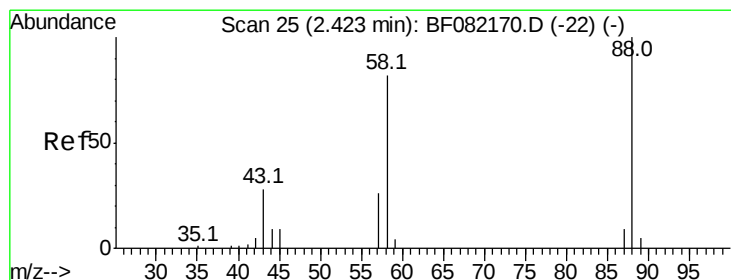
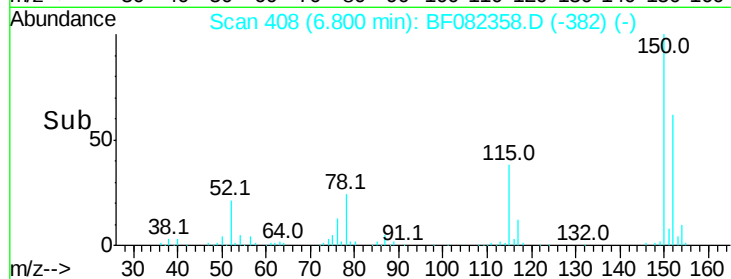
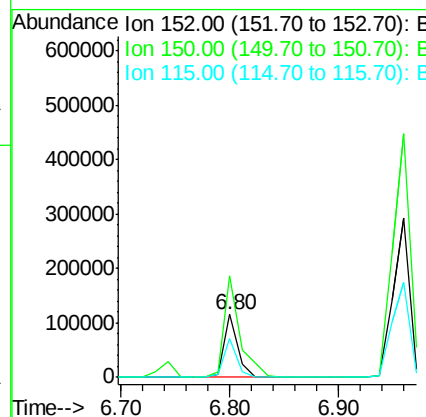
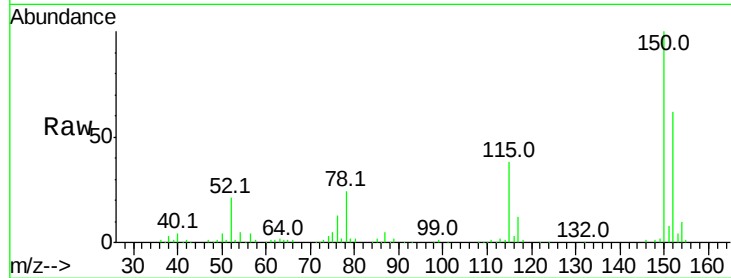
ClientSampleId :

PB86165BS

Tot Ion:	152	Resp:	103570
Ion Ratio	Lower	Upper	
152	100		
150	161.1	129.0	193.4
115	61.0	52.1	78.1

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#2

1,4-Dioxane

Concen: 30.12 ng

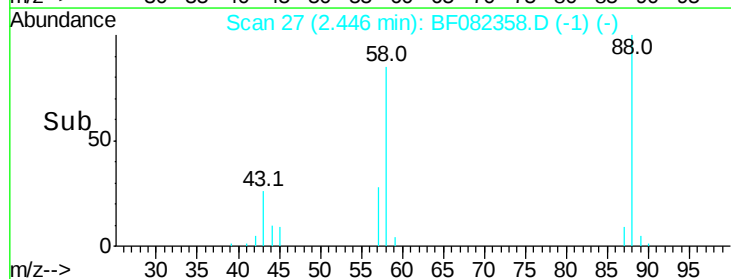
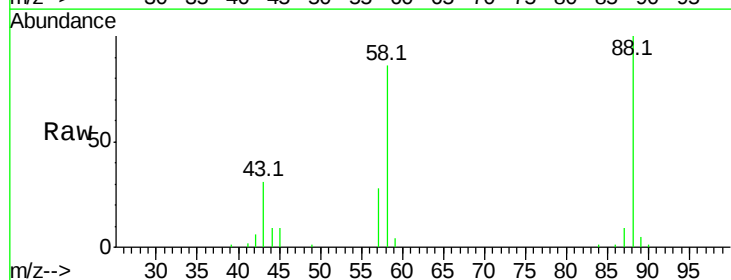
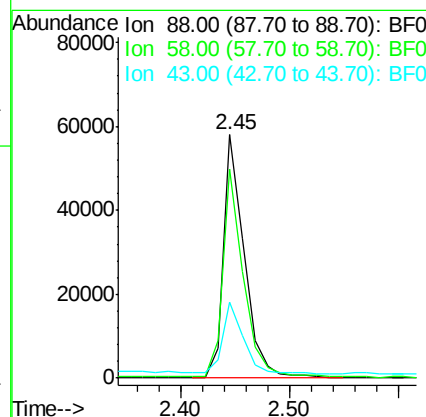
RT: 2.45 min Scan# 27

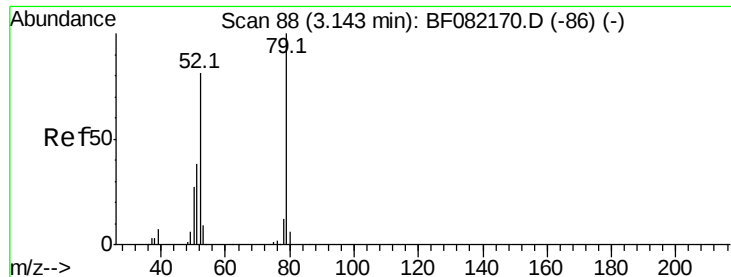
Delta R.T. 0.10 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	88	Resp:	77669
Ion Ratio	Lower	Upper	
88	100		
58	88.5	66.2	99.4
43	30.5	23.0	34.4





#3

Pvridine

Concen: 38.11 ng

RT: 3.14 min Scan# 88

Delta R.T. 0.09 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

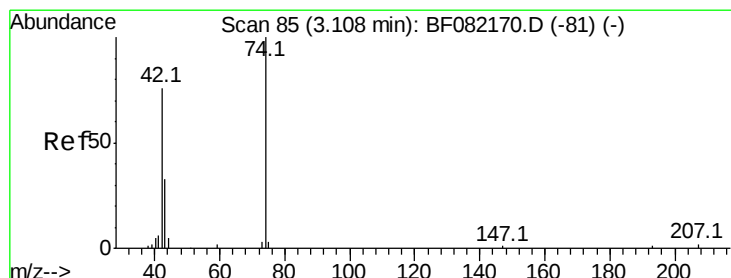
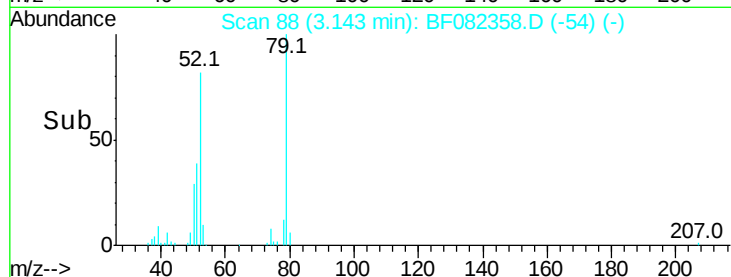
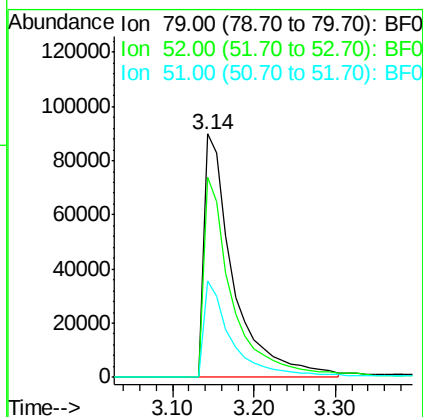
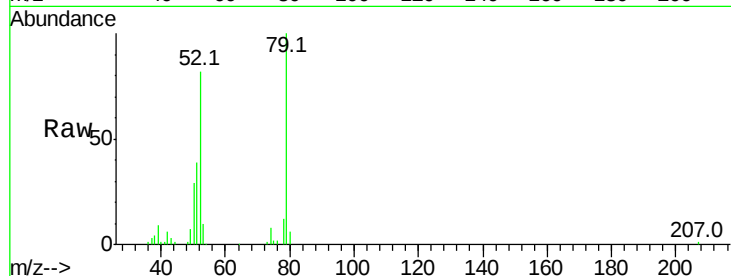
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Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	82.0	64.4	96.6	
51	39.4	30.5	45.7	



#4

n-Nitrosodimethylamine

Concen: 36.50 ng

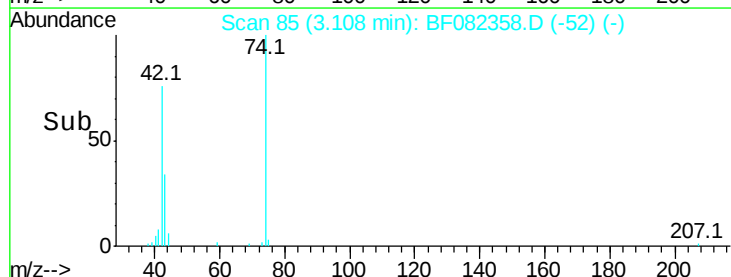
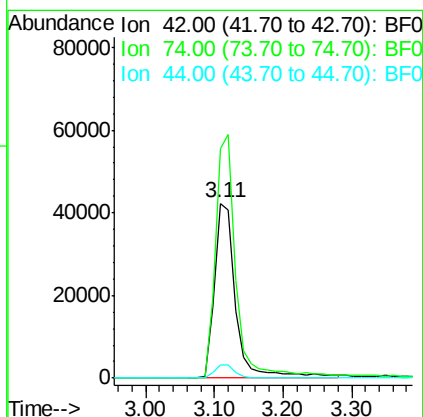
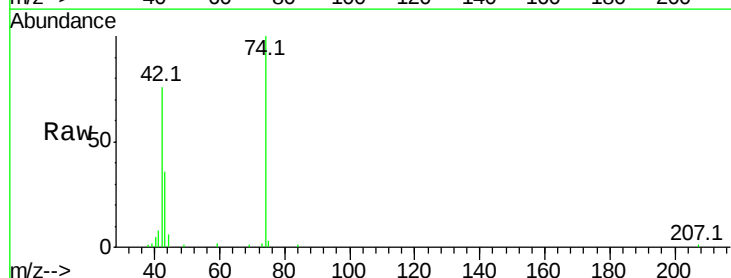
RT: 3.11 min Scan# 85

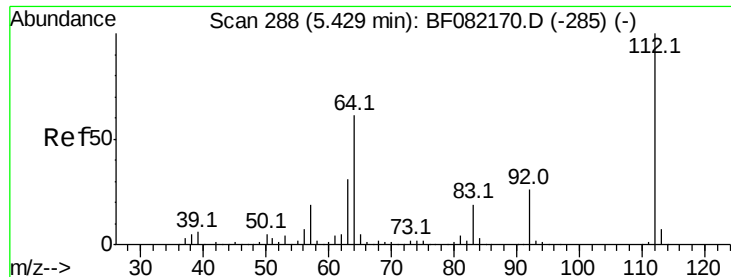
Delta R.T. 0.08 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	131.3	105.7	158.5	
44	7.4	5.4	8.2	





#5

2-Fluorophenol

Concen: 116.04 ng

RT: 5.41 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

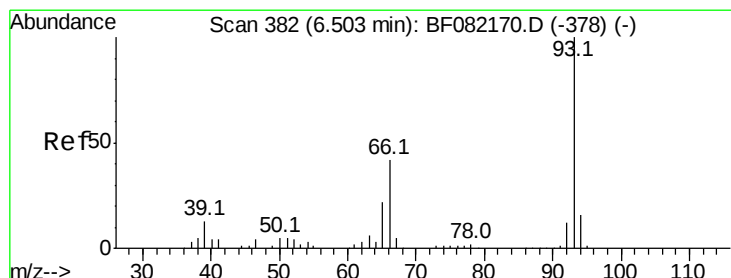
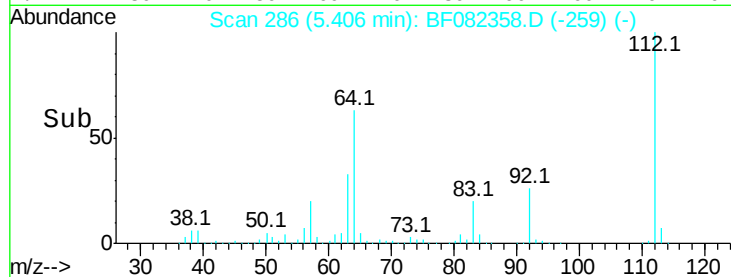
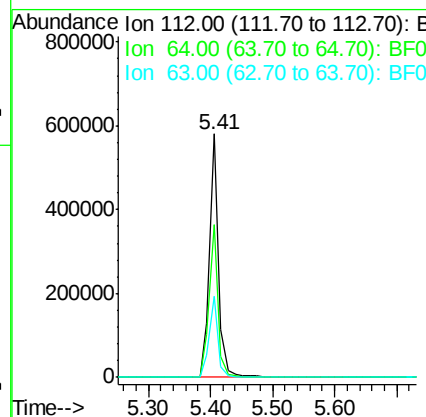
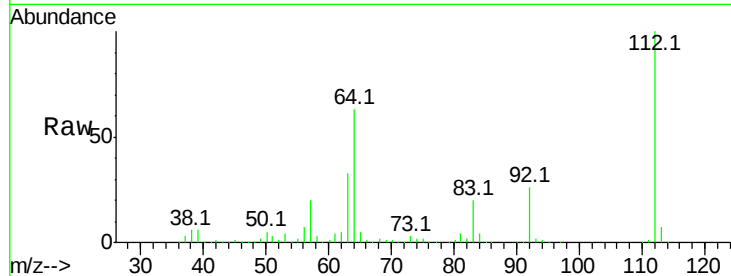
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Tot Ion:	112	Resp:	595466
Ion Ratio	Lower	Upper	
112	100		
64	62.7	48.6	73.0
63	33.5	25.1	37.7

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#6

Aniline

Concen: 21.81 ng

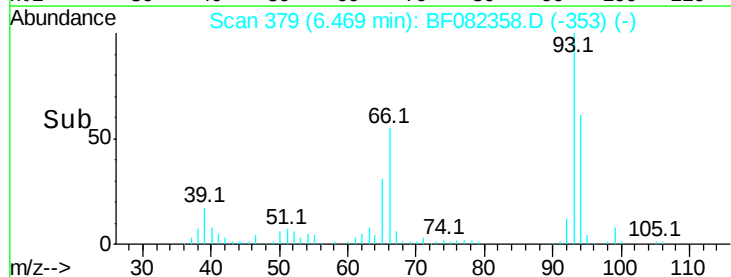
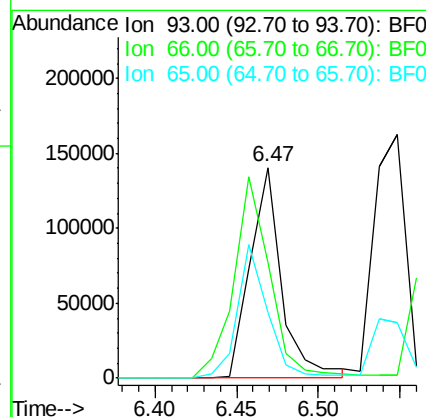
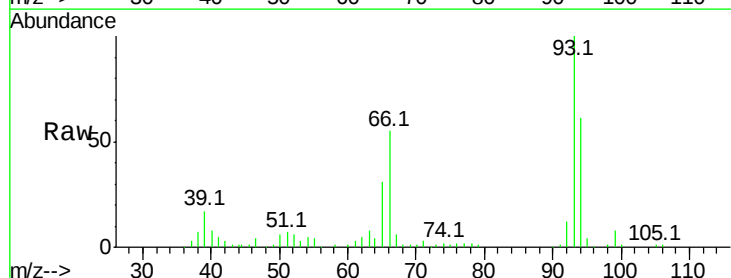
RT: 6.47 min Scan# 379

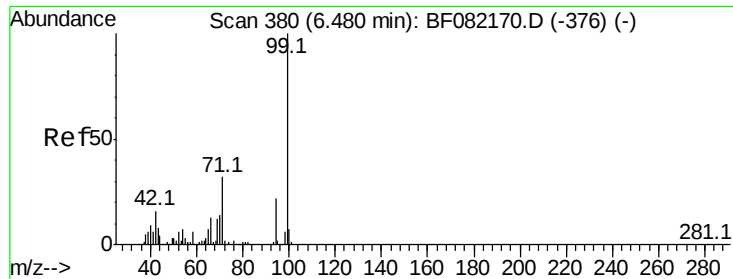
Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	93	Resp:	187819
Ion Ratio	Lower	Upper	
93	100		
66	54.7	34.2	51.2#
65	31.2	17.9	26.9#





#7

Phenol-d6

Concen: 114.56 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

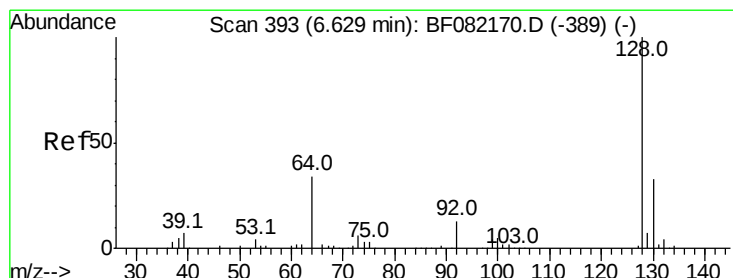
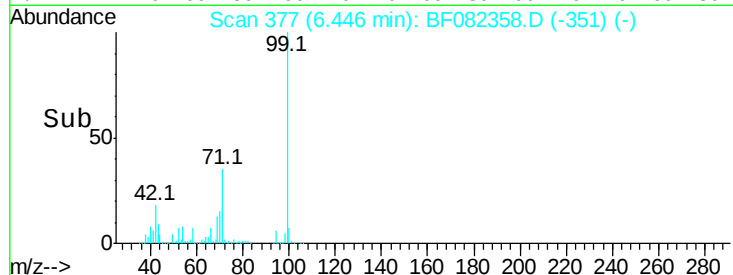
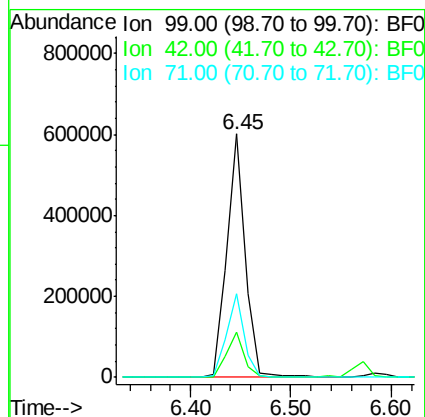
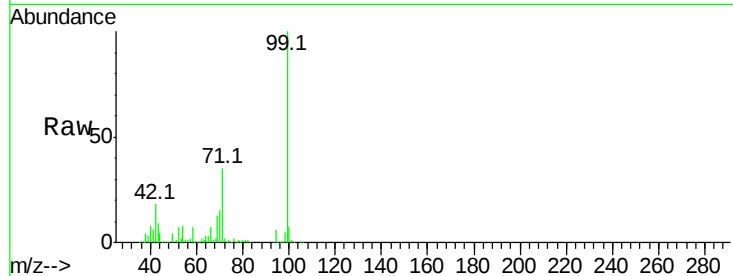
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Tot Ion	99	Resp	765015
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.2	19.8
71	34.5	25.6	38.4



#8

2-Chlorophenol

Concen: 36.34 ng

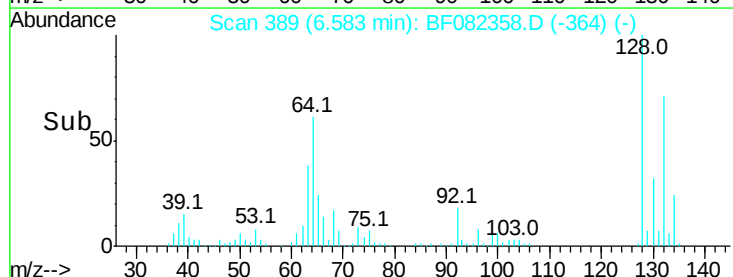
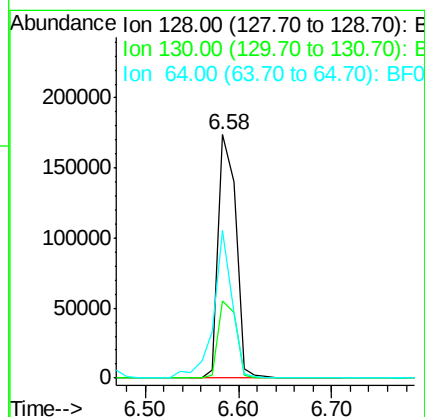
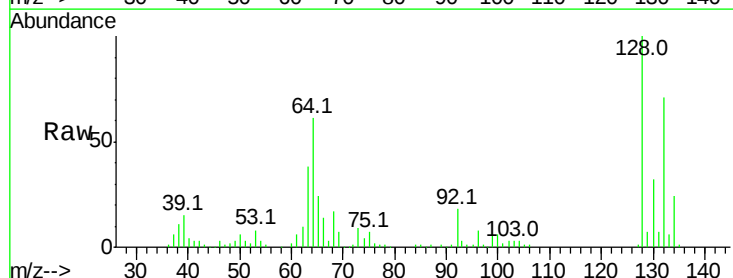
RT: 6.58 min Scan# 389

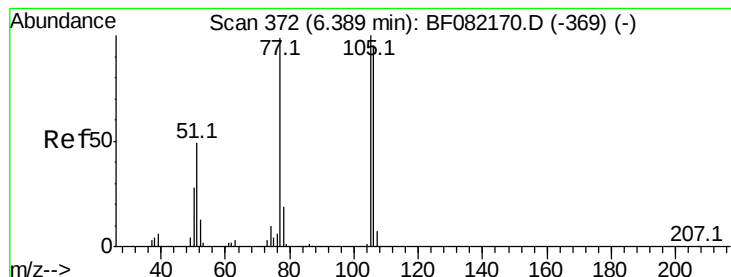
Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion	128	Resp	227673
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.6	52.6
64	60.8	16.7	56.7#





#9

Benzaldehyde

Concen: 29.02 ng

RT: 6.34 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

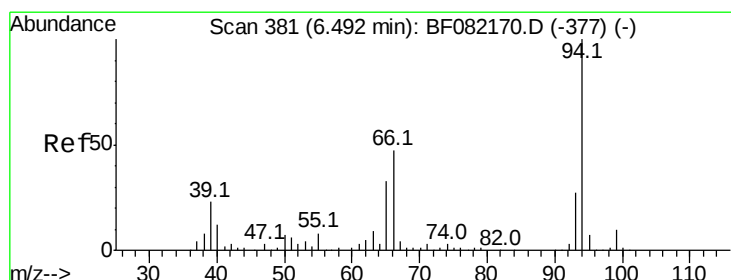
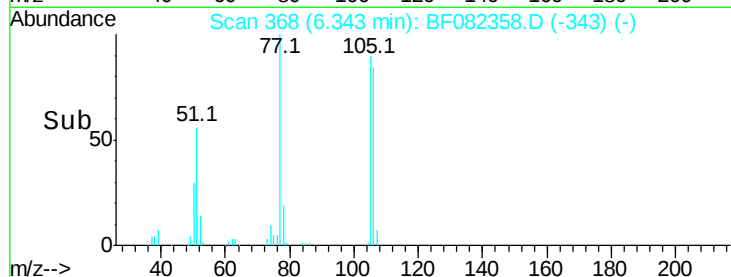
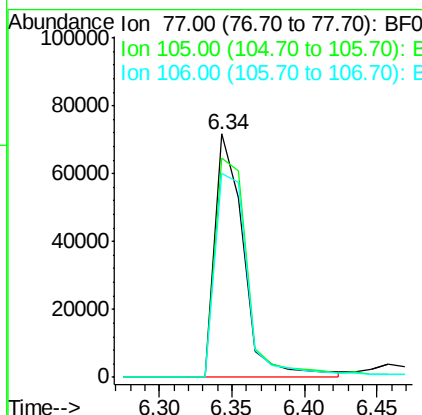
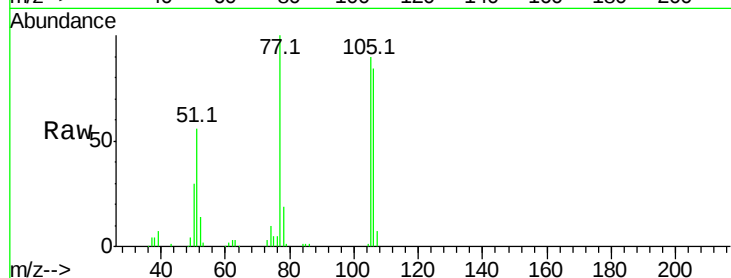
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Tot Ion:	77	Resp:	98953
Ion	Ratio	Lower	Upper
77	100		
105	90.0	80.6	120.6
106	83.6	75.5	115.5



#10

Phenol

Concen: 34.00 ng

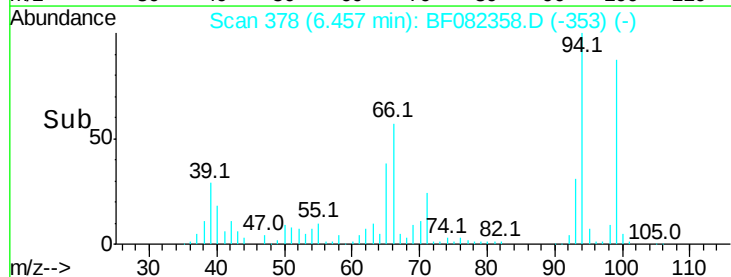
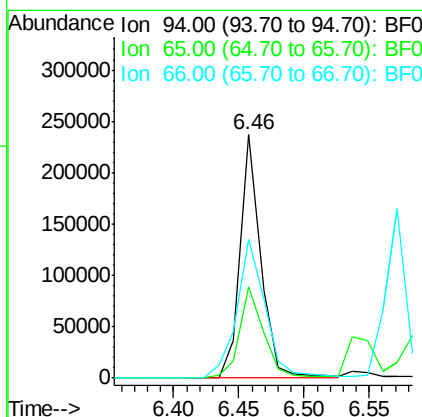
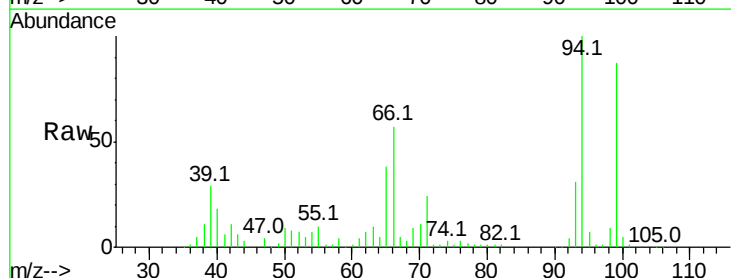
RT: 6.46 min Scan# 378

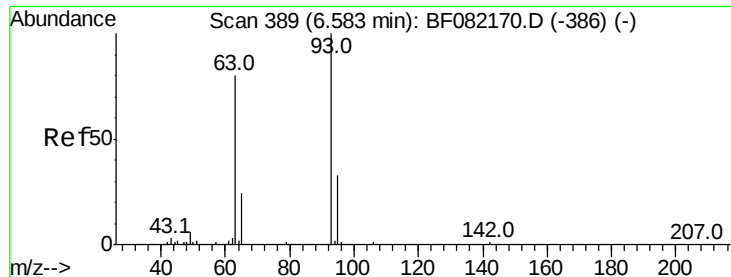
Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	94	Resp:	261779
Ion	Ratio	Lower	Upper
94	100		
65	37.6	12.6	52.6
66	56.7	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 35.62 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

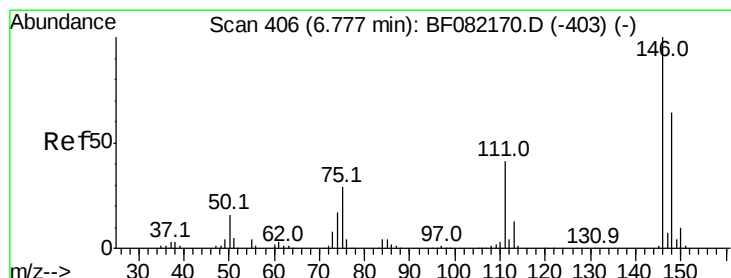
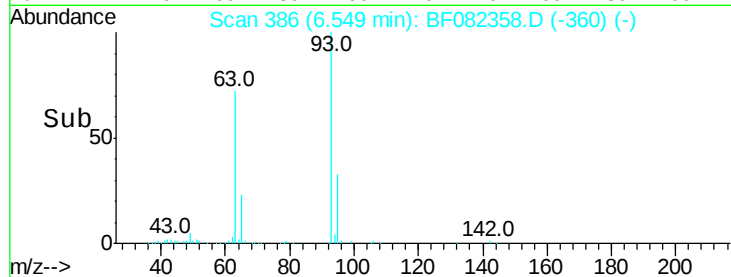
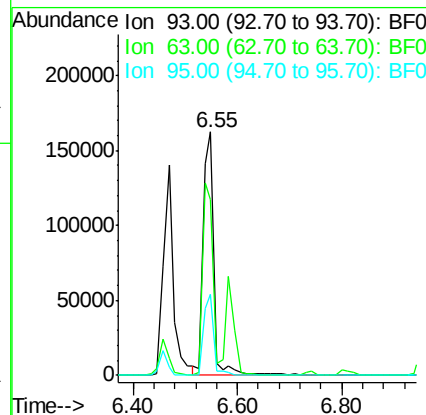
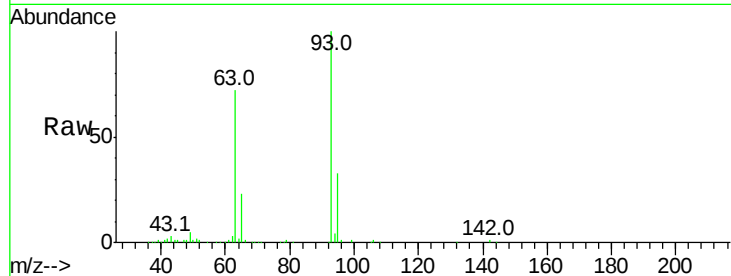
ClientSampleId :

PB86165BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	57.1	97.1
95	33.4	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.58 ng m

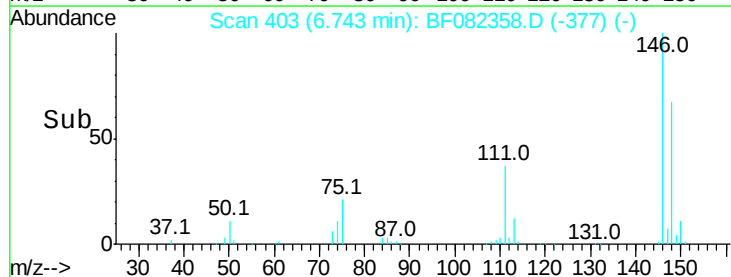
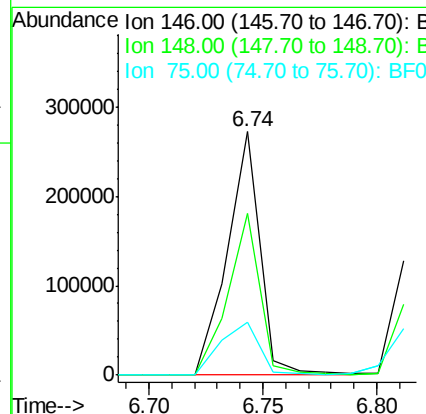
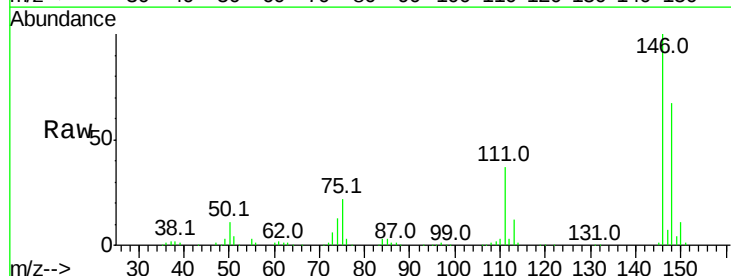
RT: 6.74 min Scan# 403

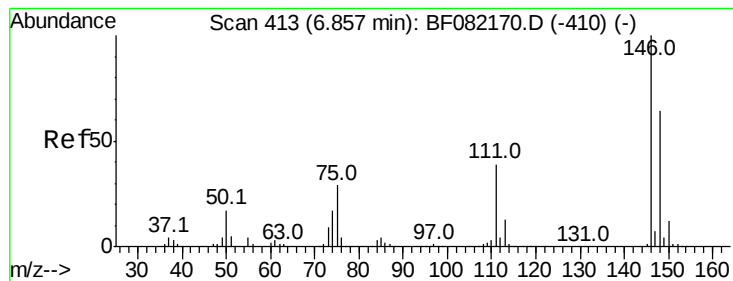
Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.4	77.2
75	21.7	23.0	34.6#





#13

1,4-Dichlorobenzene

Concen: 35.96 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

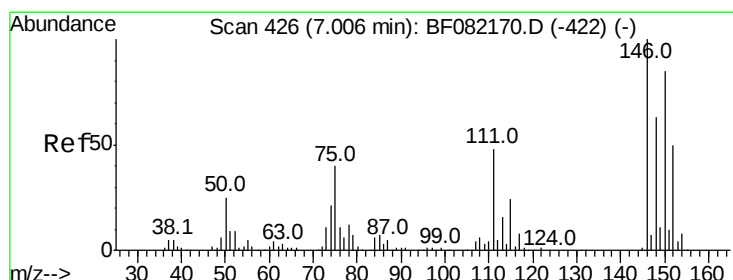
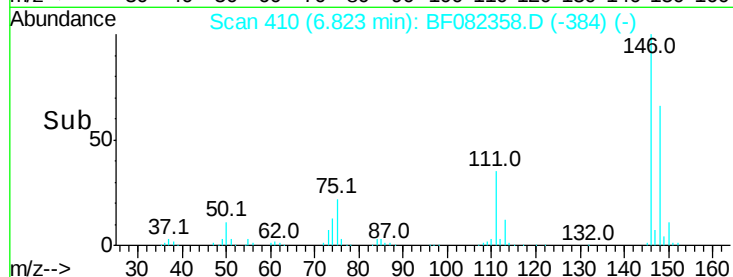
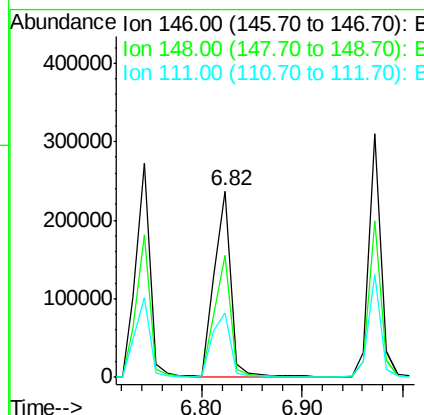
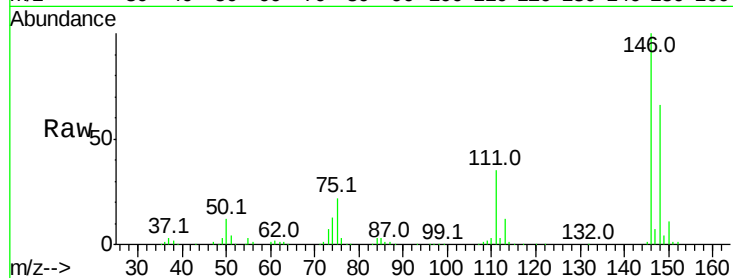
ClientSampleId :

PB86165BS

Tot Ion:	146	Resp:	273976
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.0	76.4
111	34.5	31.1	46.7

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.91 ng

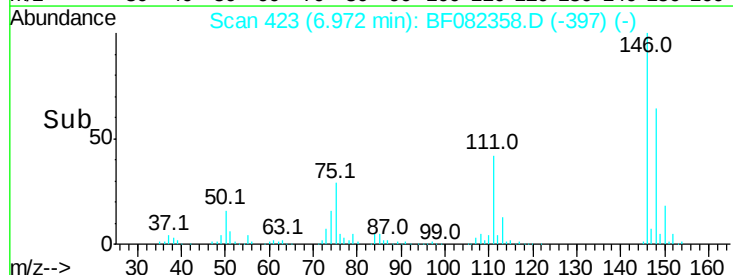
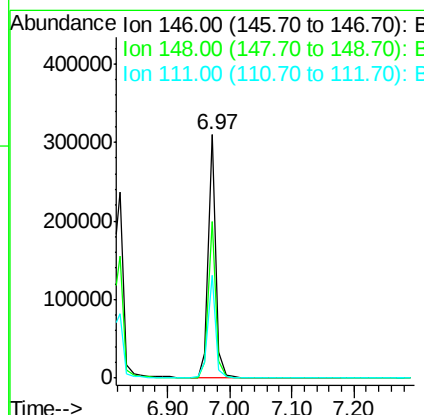
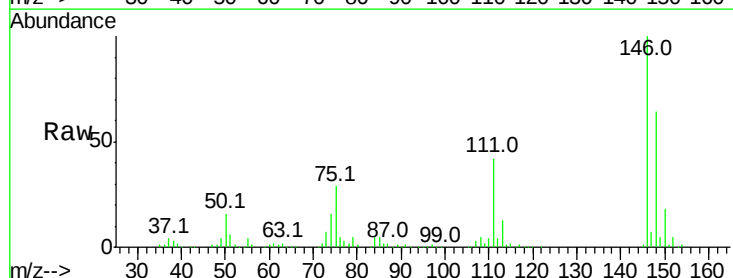
RT: 6.97 min Scan# 423

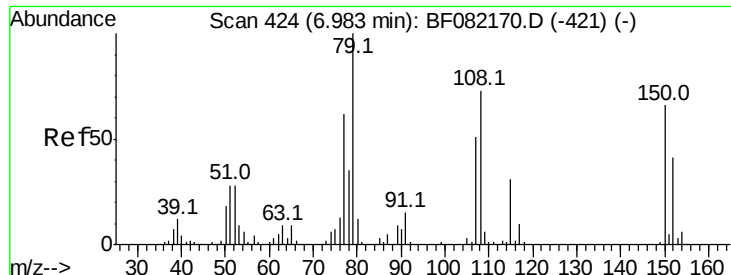
Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	146	Resp:	267032
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.5	75.7
111	42.0	38.5	57.7





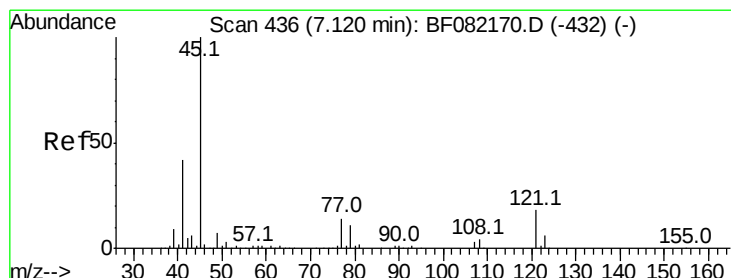
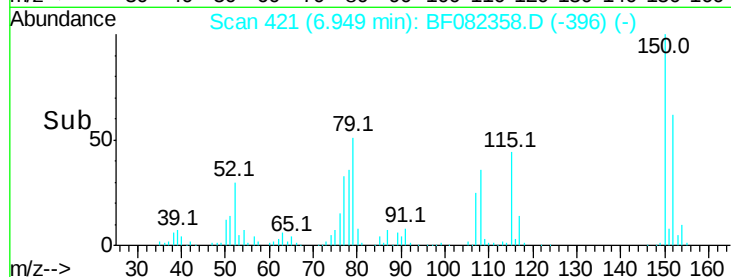
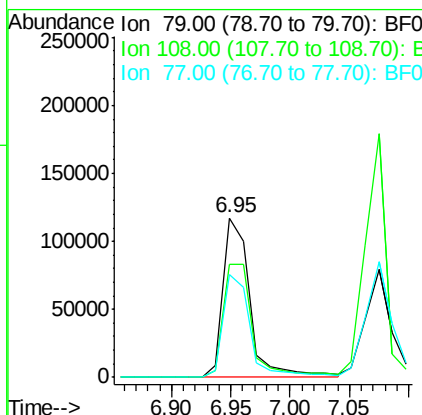
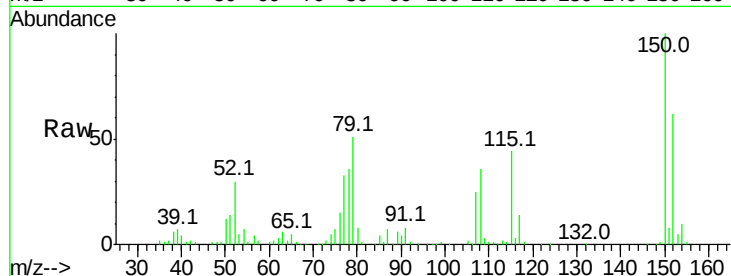
#15
Benzyl Alcohol
Concen: 40.09 ng
RT: 6.95 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleID :
PB86165BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.0	58.4	87.6
77	64.3	49.8	74.6

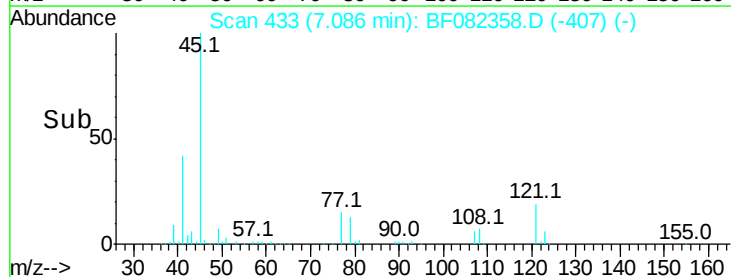
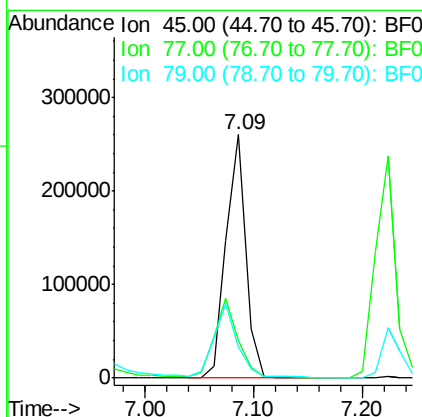
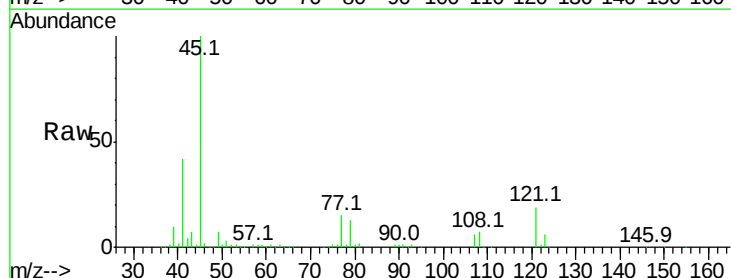
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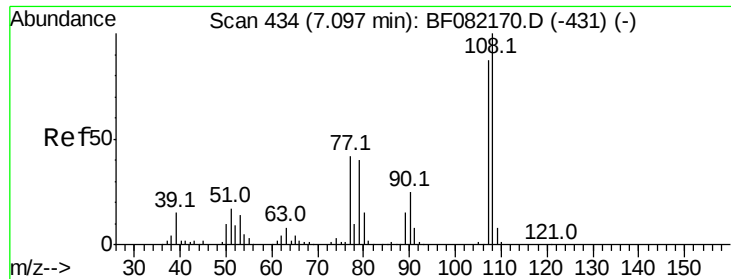
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.08 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.5
79	12.9	0.0	31.6





#17

2-Methylphenol

Concen: 38.31 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

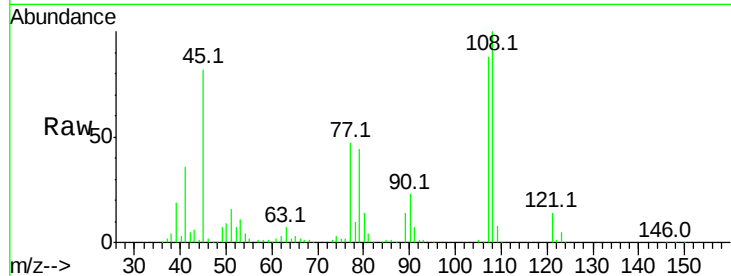
ClientSampled :

PB86165BS

Tot Ion:	107	Resp:	189809
Ion Ratio	Lower	Upper	
107	100		
108	114.2	92.2	138.2
77	54.2	39.6	59.4
79	50.5	38.2	57.4

Manual Integrations
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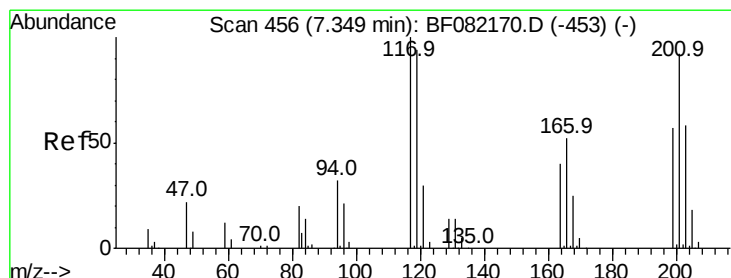
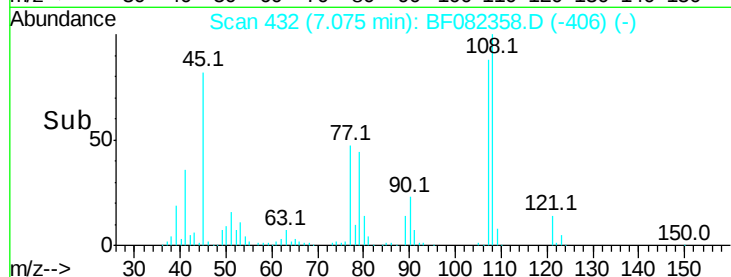
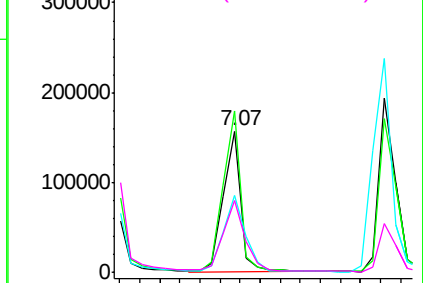


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.67 ng

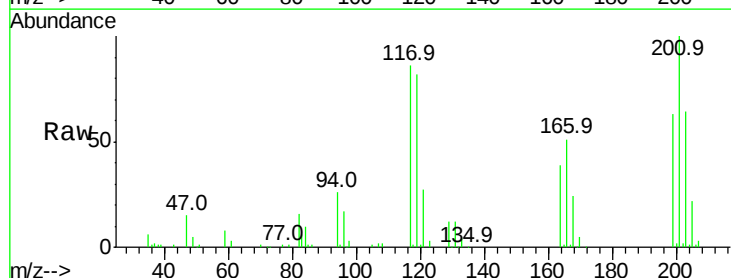
RT: 7.31 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

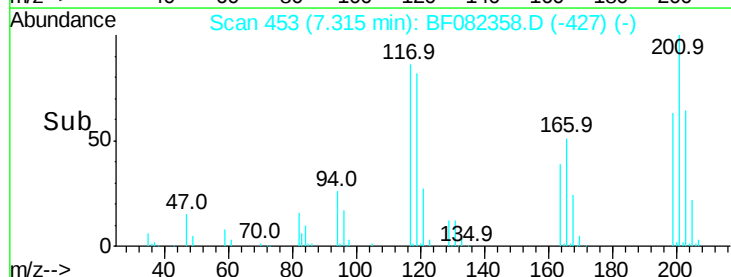
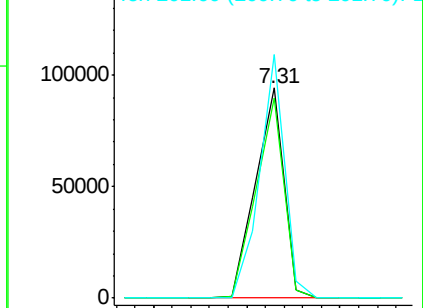
Tgt Ion:	117	Resp:	98228
Ion Ratio	Lower	Upper	
117	100		
119	95.5	75.4	113.2
201	115.9	73.4	110.0#

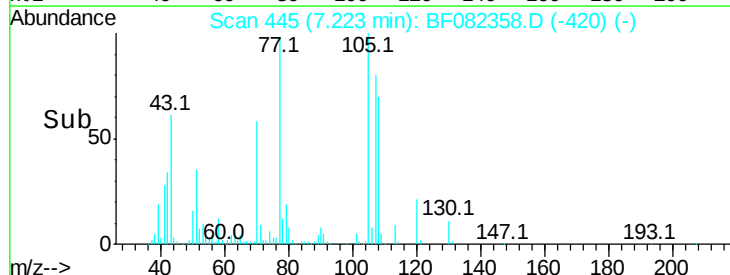
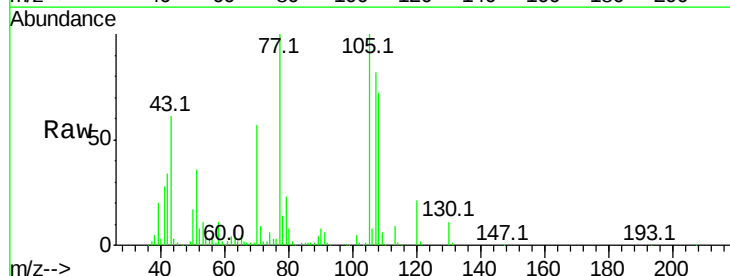
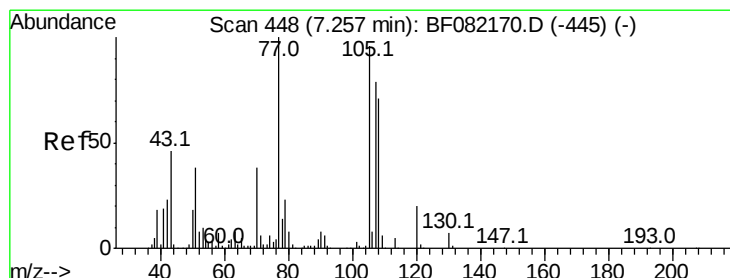
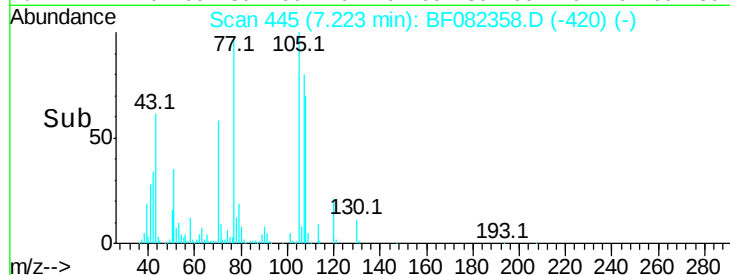
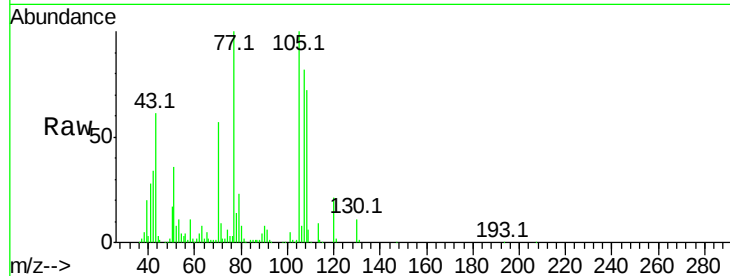
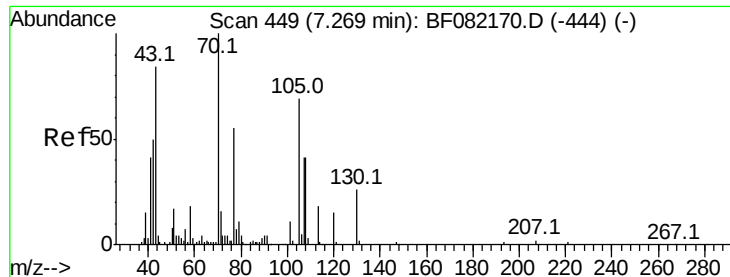


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.31 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

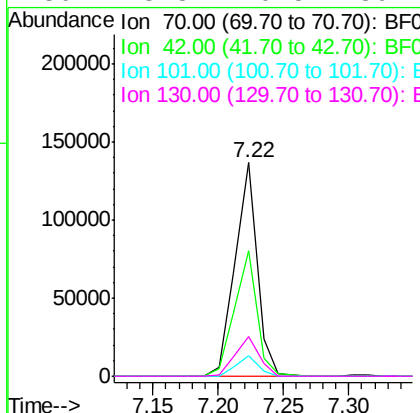
ClientSampleId :

PB86165BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.0	39.8	59.8	
101	9.5	8.6	13.0	
130	18.8	20.5	30.7	

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#20

3+4-Methylphenols

Concen: 39.32 ng

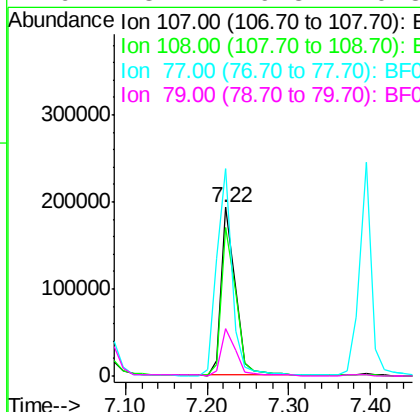
RT: 7.22 min Scan# 445

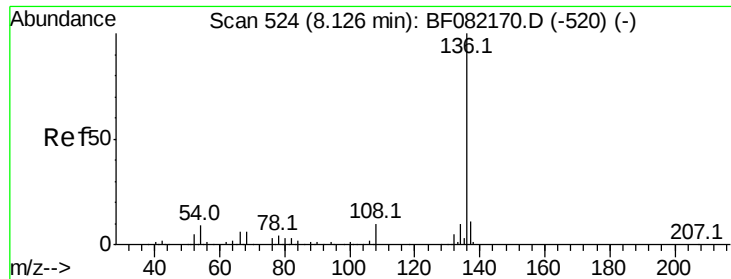
Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	69.9	109.9	
77	122.7	106.0	146.0	
79	28.1	9.8	49.8	





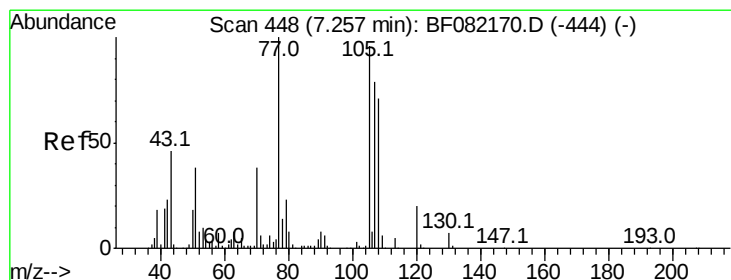
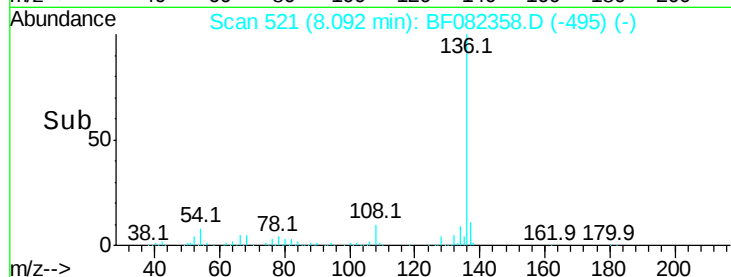
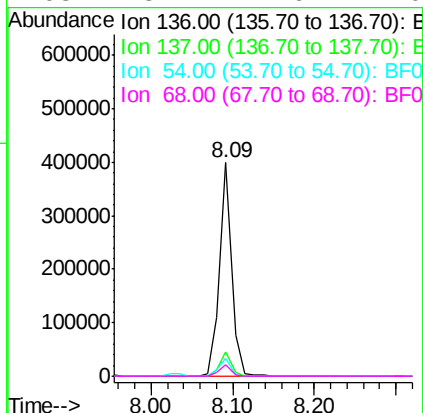
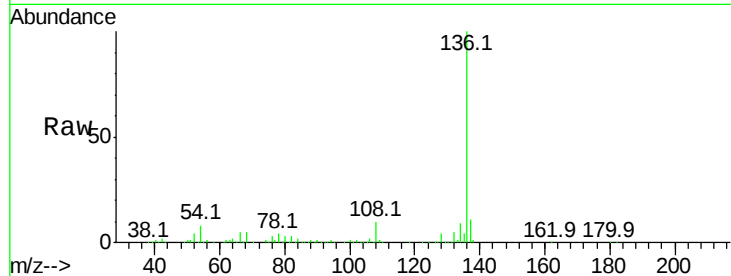
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.6	
54	8.2	7.5	11.3	
68	5.2	4.6	7.0	

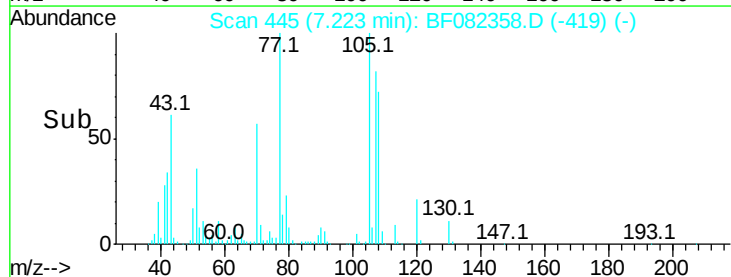
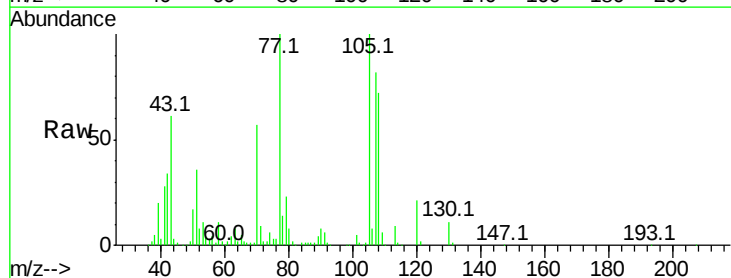
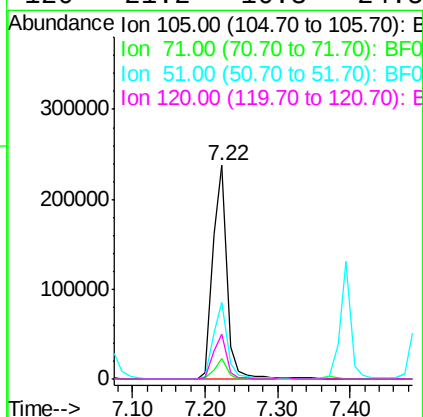
Manual Integrations
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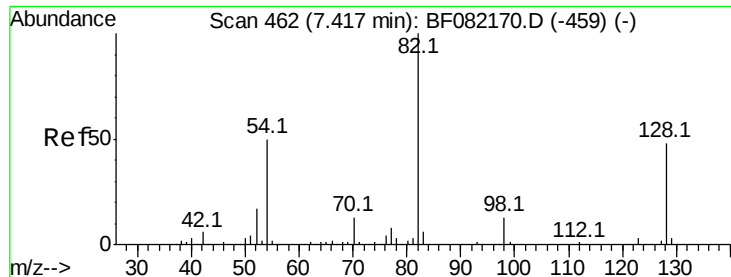
MMdadoda
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#22
Acetophenone
Concen: 39.59 ng
RT: 7.22 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.4	5.4	8.0#	
51	36.0	31.8	47.6	
120	21.2	16.3	24.5	





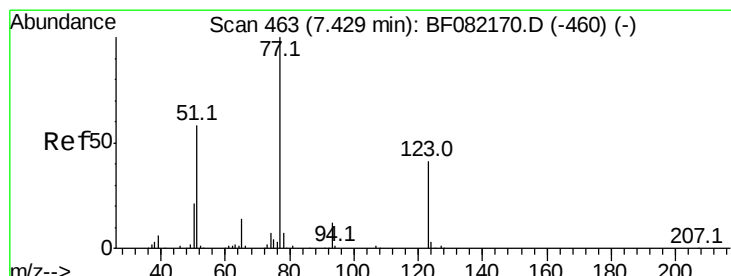
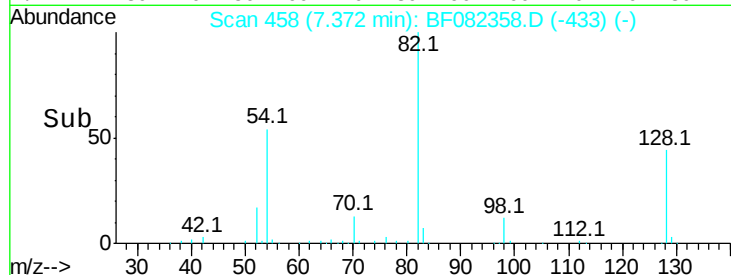
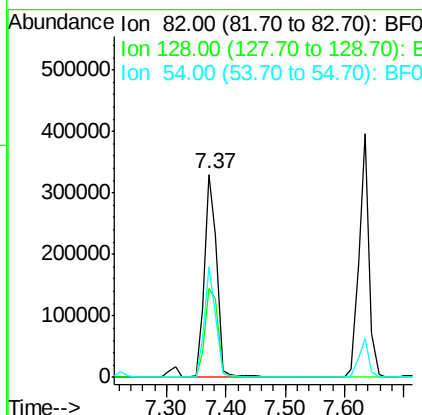
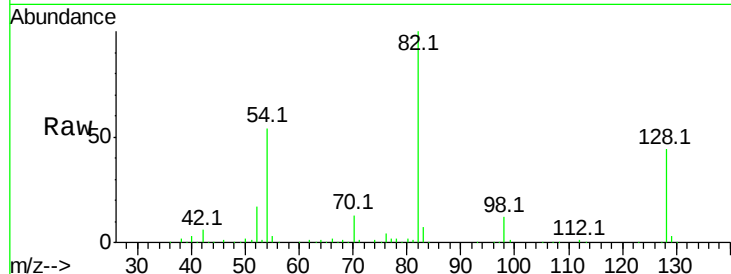
#23
 Nitrobenzene-d5
 Concen: 79.45 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	486637		
128	43.5	38.7	58.1	
54	54.3	40.1	60.1	

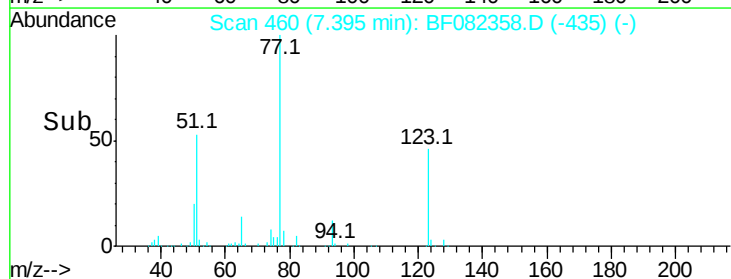
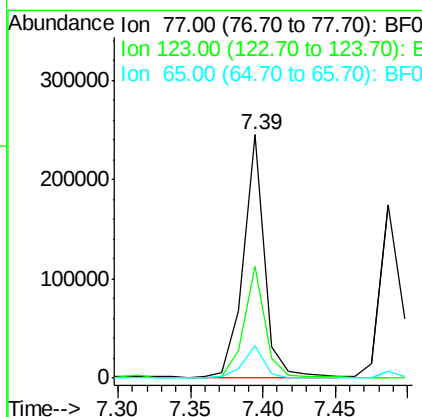
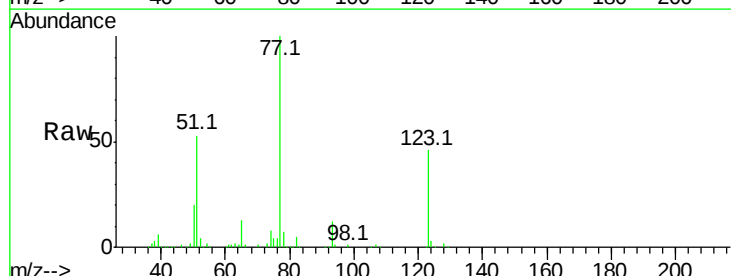
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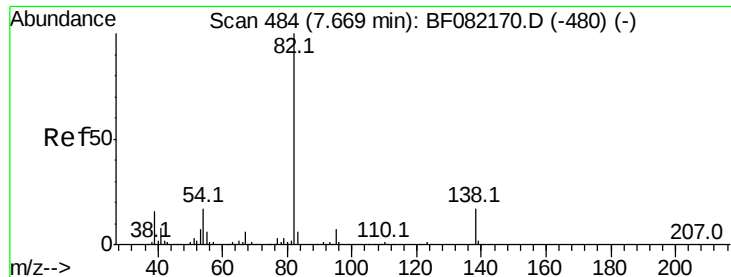
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#24
 Nitrobenzene
 Concen: 37.36 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	247735		
123	45.7	33.0	49.4	
65	13.4	11.2	16.8	





#25

Isophorone

Concen: 37.32 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

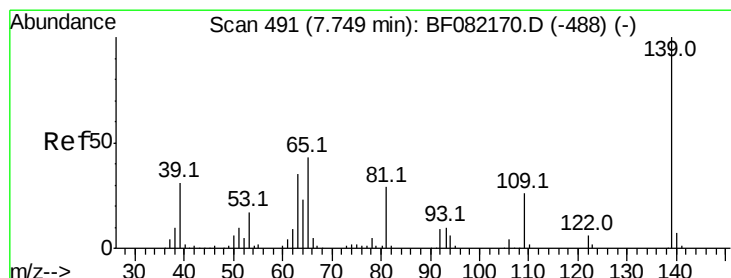
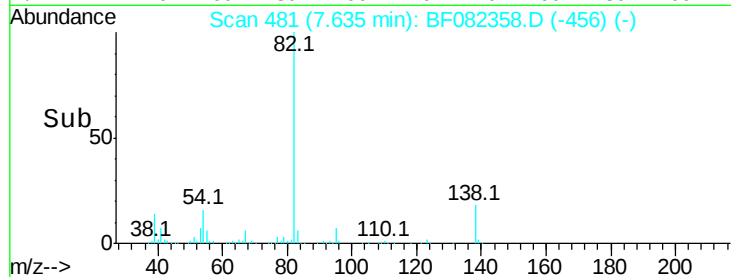
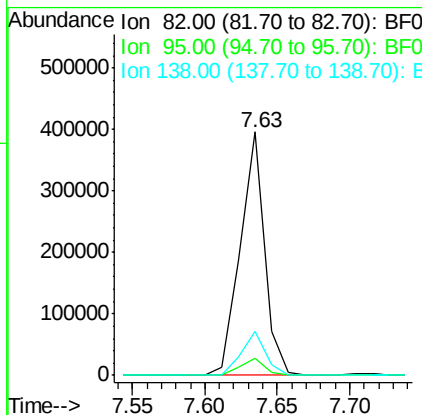
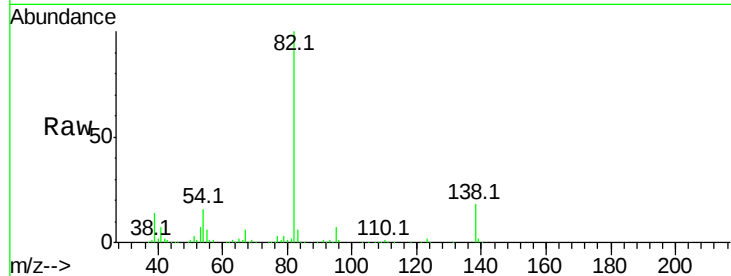
ClientSampleId :

PB86165BS

Tot Ion:	82	Resp:	461335
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	17.9	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.63 ng

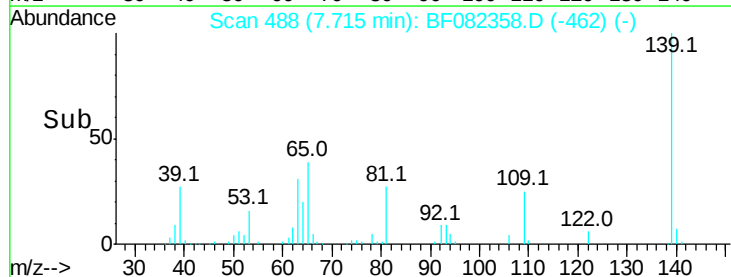
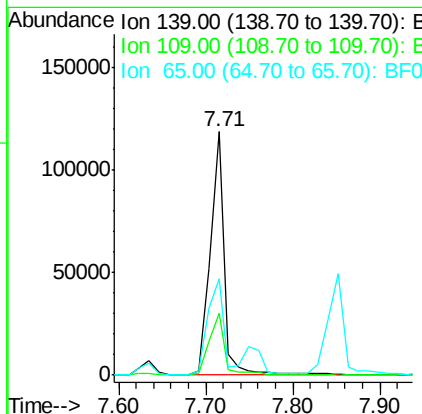
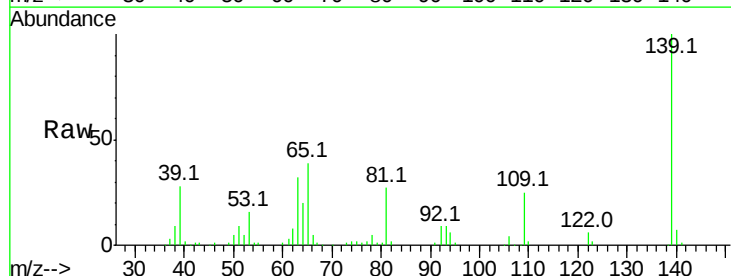
RT: 7.71 min Scan# 488

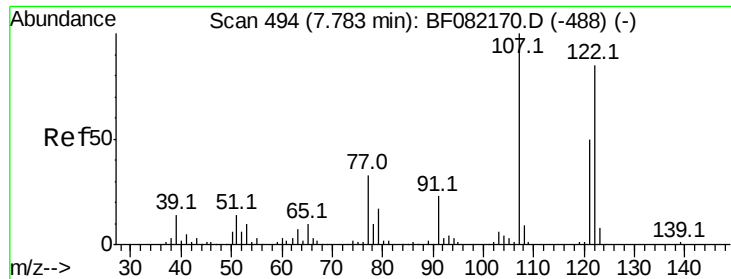
Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	139	Resp:	134522
Ion Ratio	Lower	Upper	
139	100		
109	25.4	20.6	31.0
65	39.5	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 39.98 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

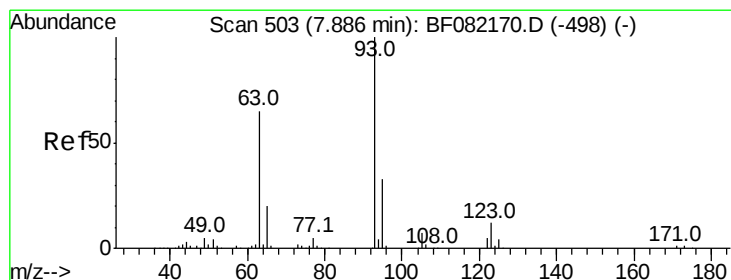
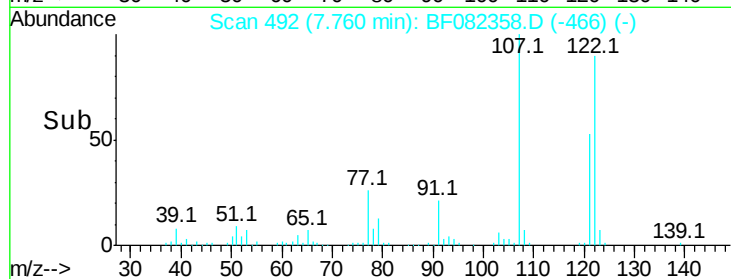
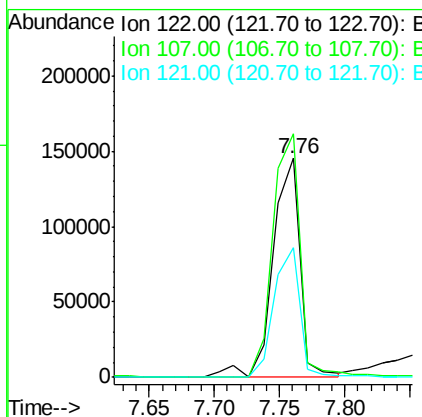
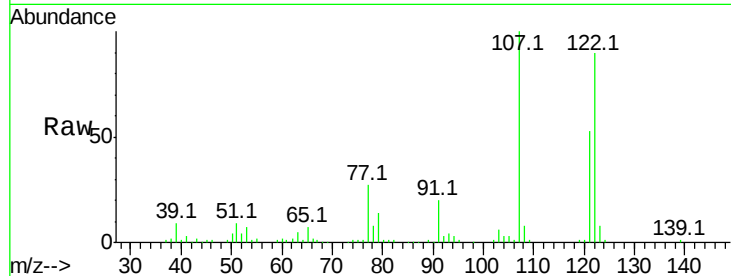
ClientSampleId :

PB86165BS

Tot Ion:	122	Resp:	213234
Ion Ratio	Lower	Upper	
122	100		
107	111.0	94.0	141.0
121	59.1	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 39.67 ng

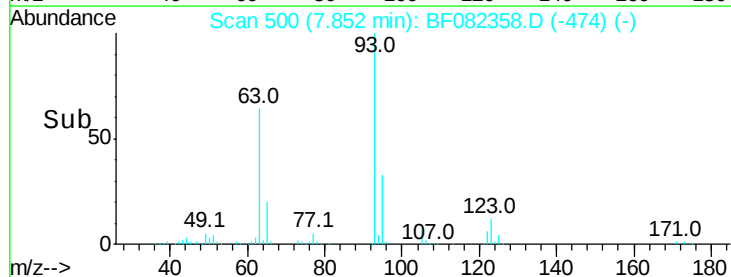
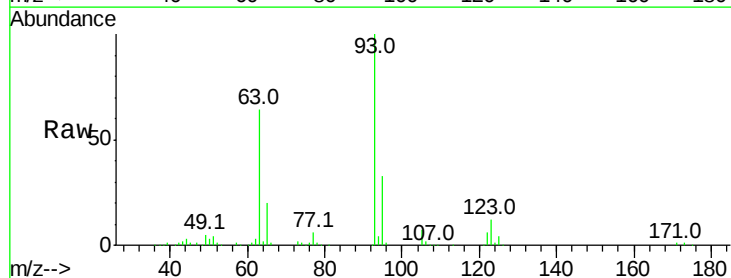
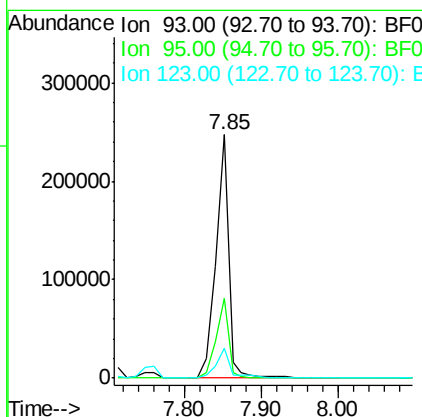
RT: 7.85 min Scan# 500

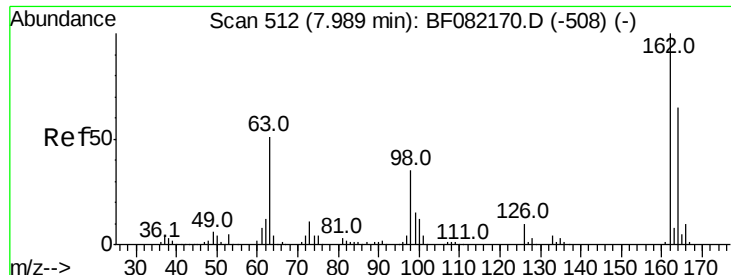
Delta R.T. 0.00 min

Lab File: BF082358.D

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Tgt Ion:	93	Resp:	285343
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.6	39.8
123	12.0	9.5	14.3





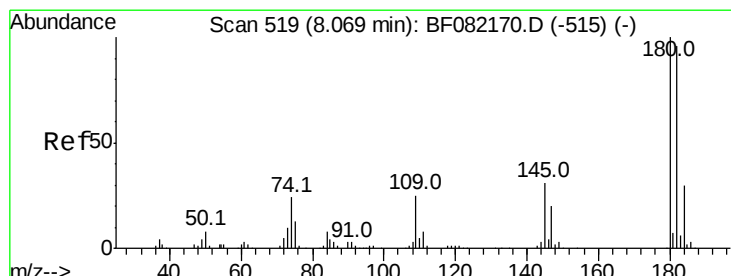
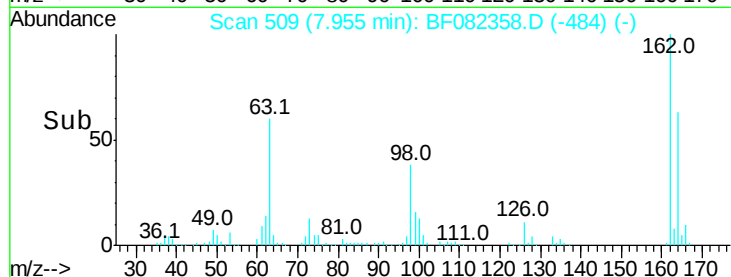
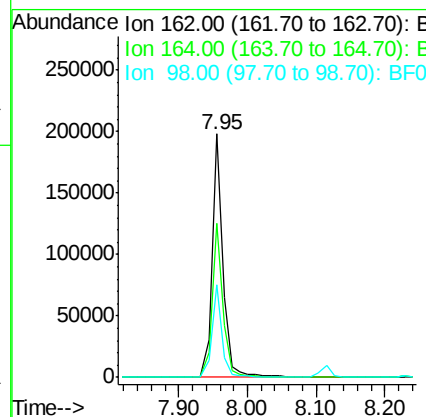
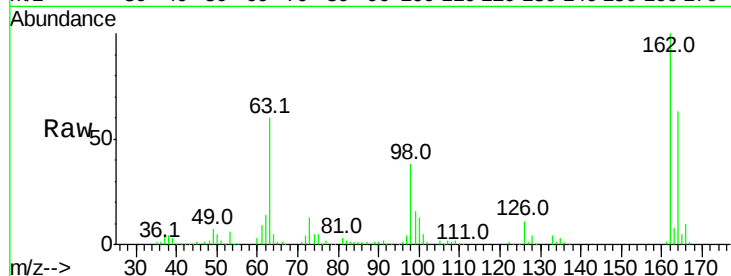
#29
 2,4-Dichlorophenol
 Concen: 41.00 ng
 RT: 7.95 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	218603		
164	63.1	44.6	84.6	
98	38.1	15.0	55.0	

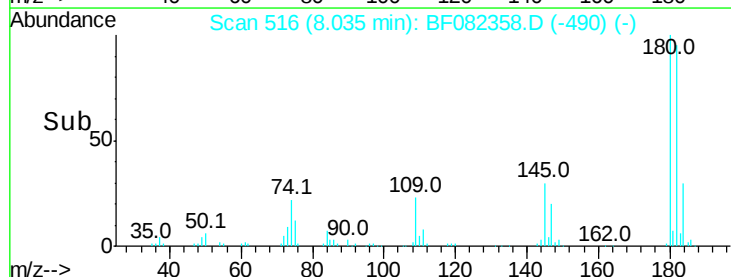
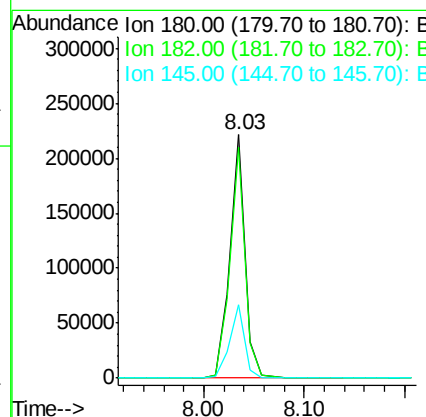
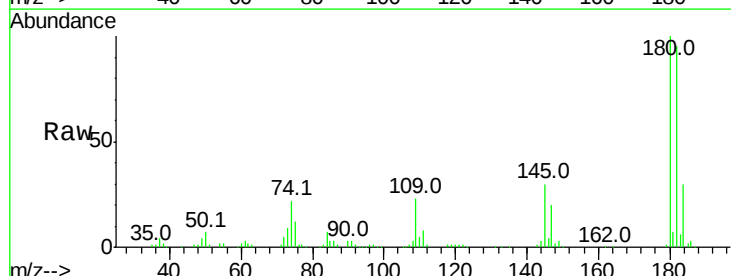
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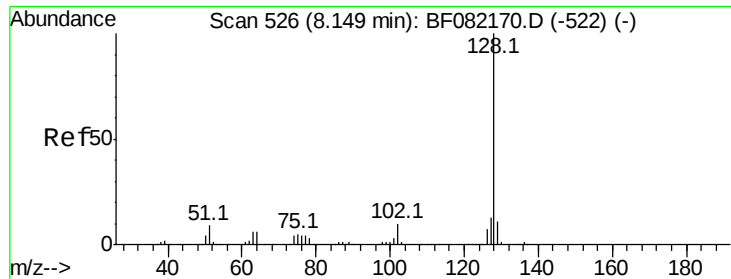
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.99 ng
 RT: 8.03 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	233499		
182	94.9	77.0	115.4	
145	30.0	25.0	37.4	





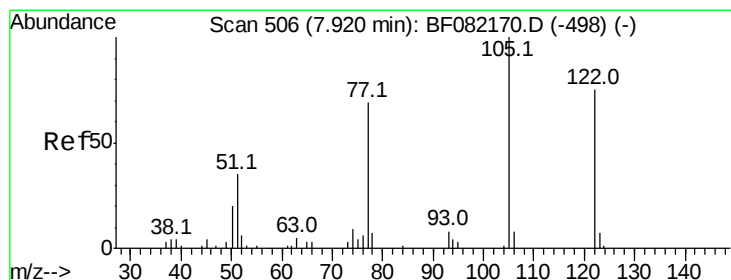
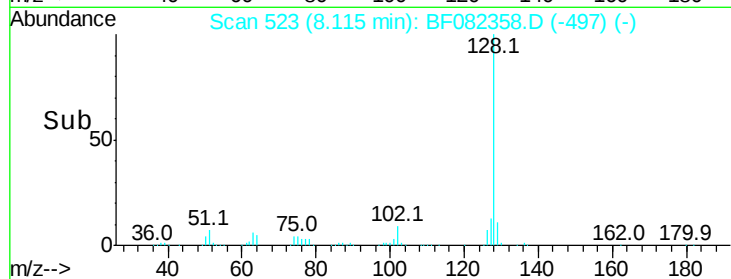
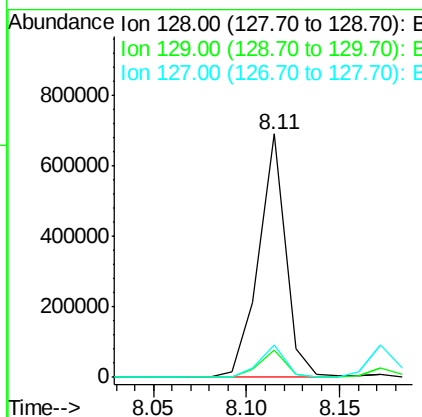
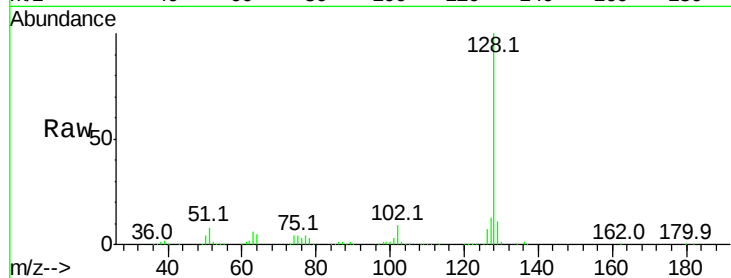
#31
Naphthalene
Concen: 38.83 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	692444		
129	11.3		9.1	13.7
127	13.4		10.7	16.1

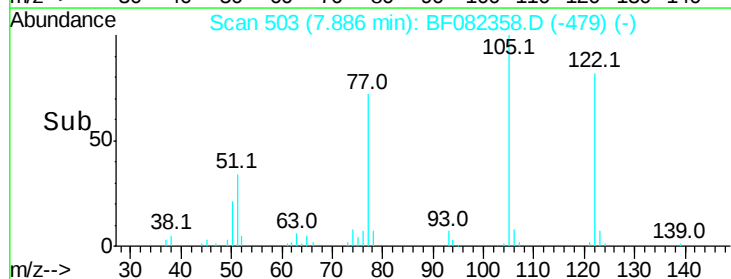
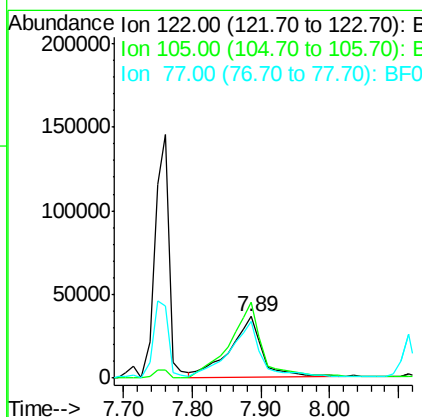
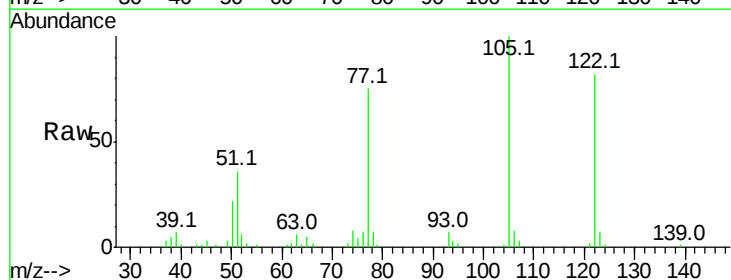
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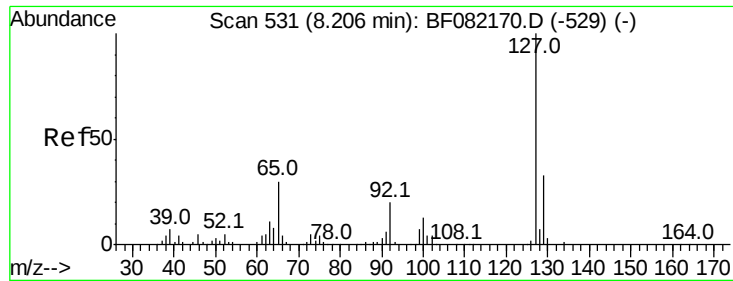
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#32
Benzoic acid
Concen: 32.60 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	116699		
105	122.7		104.4	144.4
77	92.2		69.0	109.0





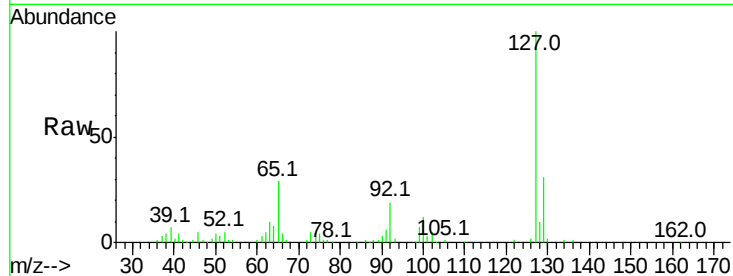
#33
4-Chloroaniline
Concen: 15.25 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

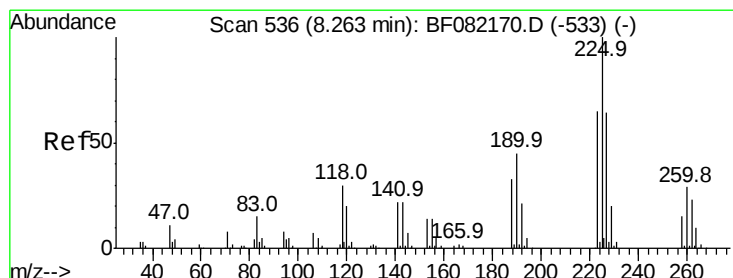
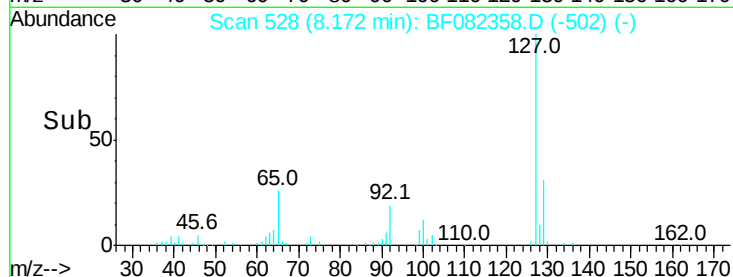
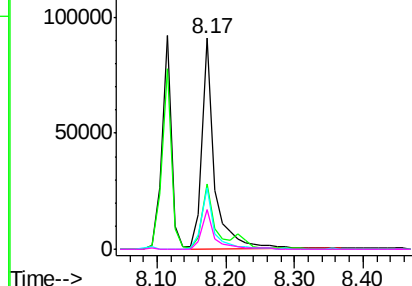
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9	26.3	39.5		
65	28.9	24.4	36.6		
92	18.6	15.7	23.5		

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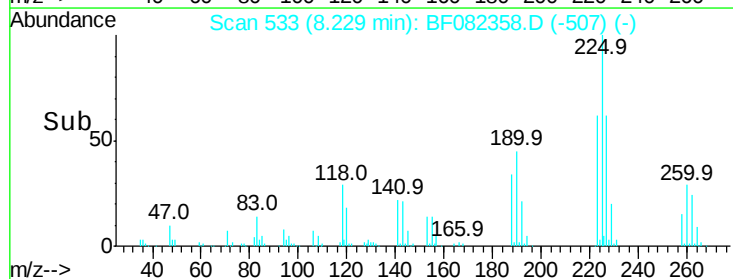
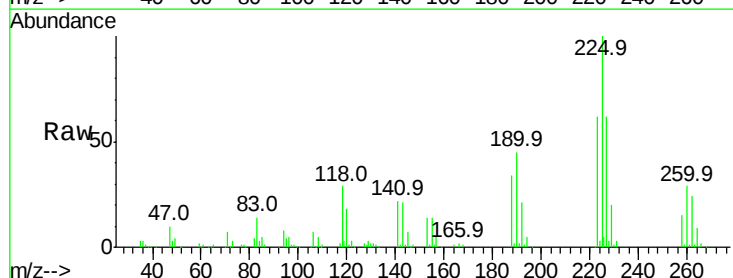
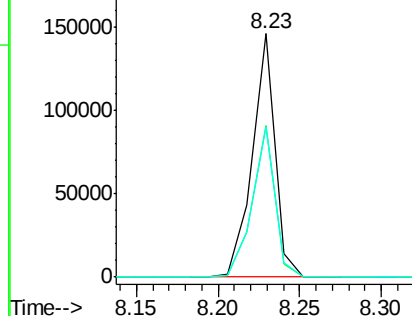
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

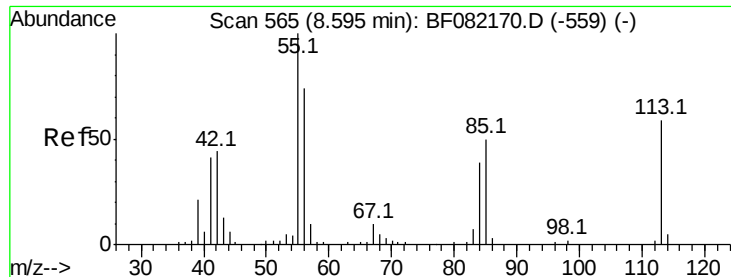


#34
Hexachlorobutadiene
Concen: 36.74 ng
RT: 8.23 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	52.2	78.2		
227	61.6	51.3	76.9		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.13 ng/ml

RT: 8.55 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

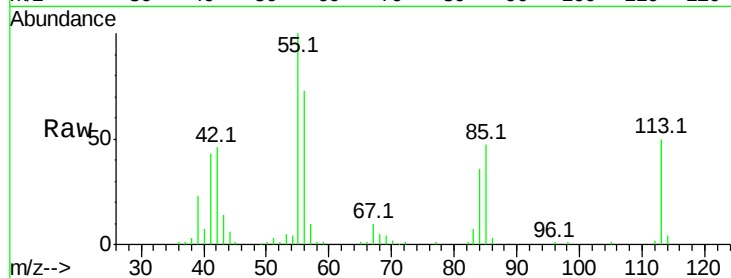
ClientSampleID :

PB86165BS

Tot Ion:	113	Resp:	63653
Ion Ratio	Lower	Upper	
113	100		
55	200.0	149.7	189.7#
56	145.6	105.4	145.4#

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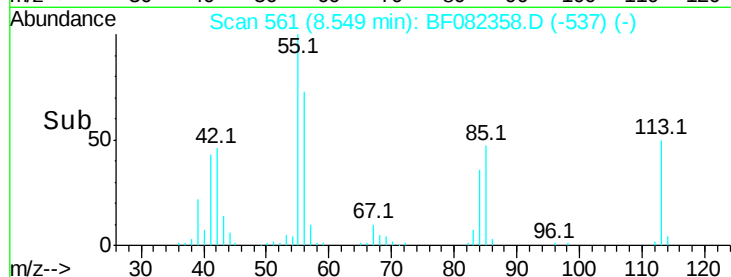


Abundance Ion 113.00 (112.70 to 113.70): E

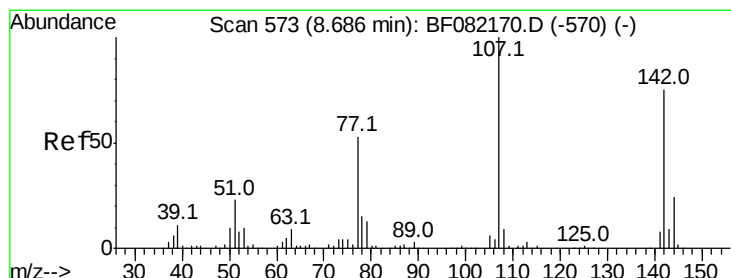
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 42.38 ng/ml

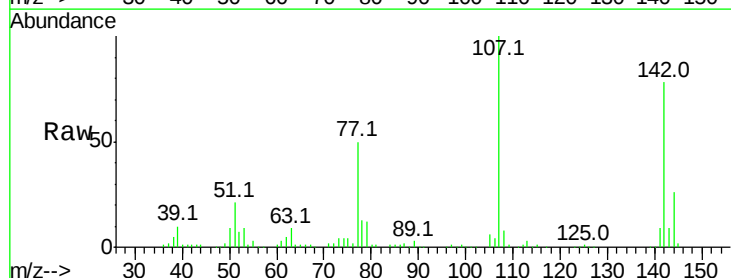
RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	107	Resp:	220958
Ion Ratio	Lower	Upper	
107	100		
144	25.5	19.3	28.9
142	78.0	59.9	89.9

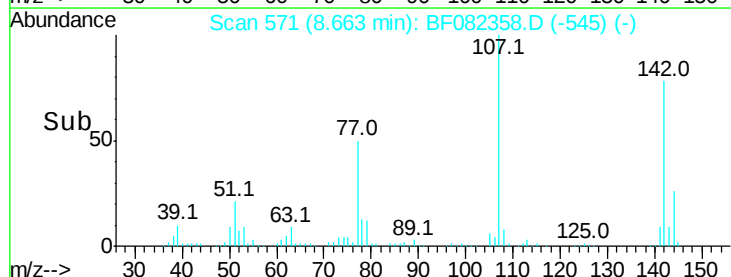


Abundance Ion 107.00 (106.70 to 107.70): E

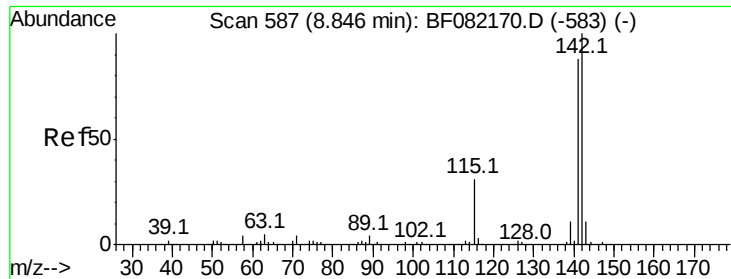
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



#37

2-Methylnaphthalene

Concen: 40.55 ng

RT: 8.81 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

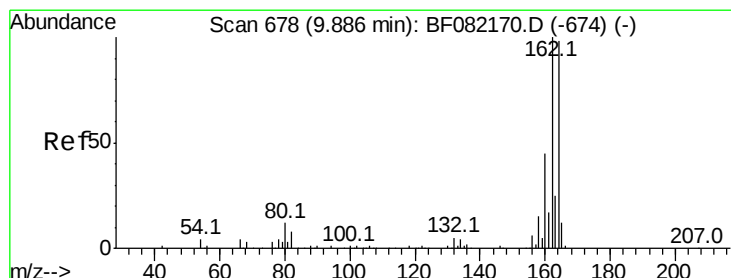
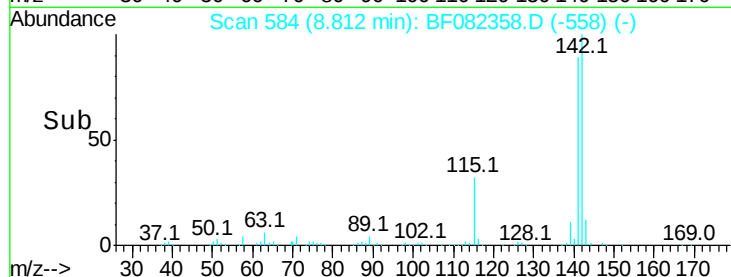
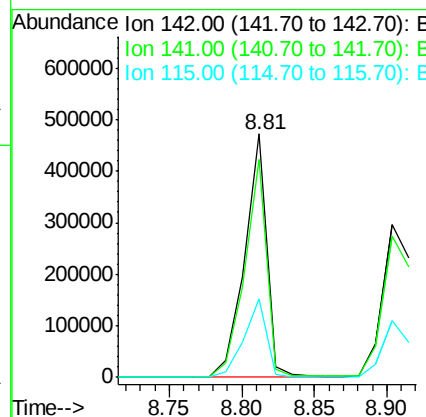
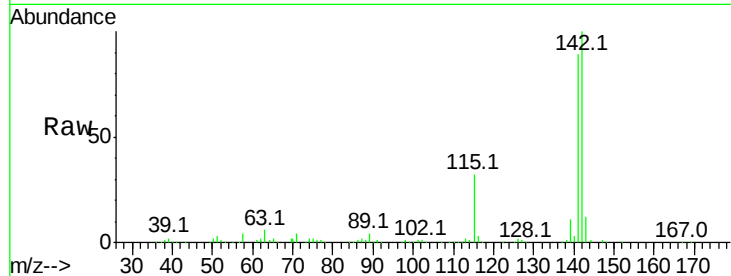
ClientSampleId :

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Tot Ion:	142	Resp:	501271
Ion Ratio	Lower	Upper	
142	100		
141	89.3	70.4	105.6
115	32.2	24.6	37.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

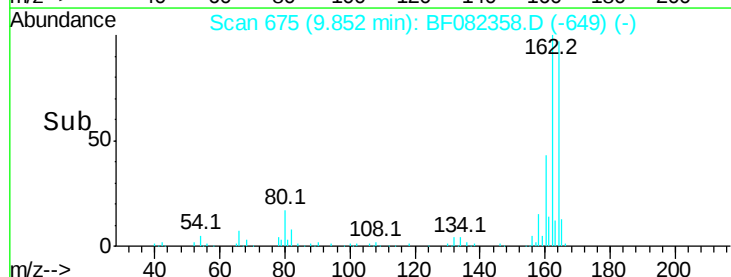
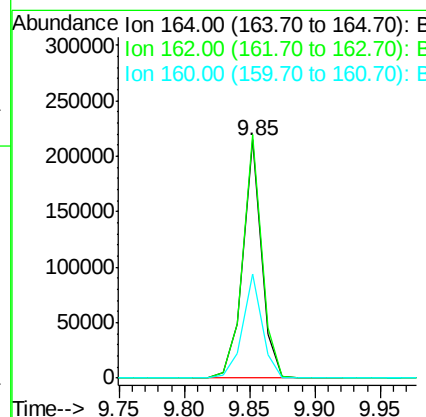
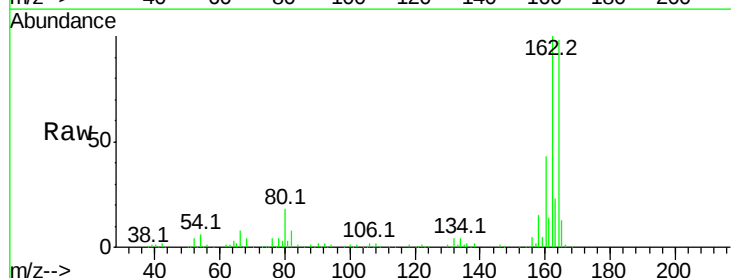
RT: 9.85 min Scan# 675

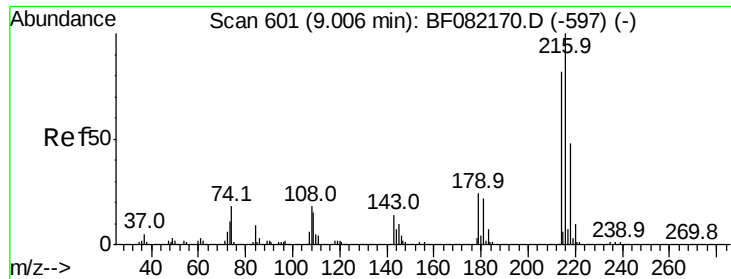
Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	164	Resp:	212851
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.6	122.4
160	43.8	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.51 ng

RT: 8.97 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

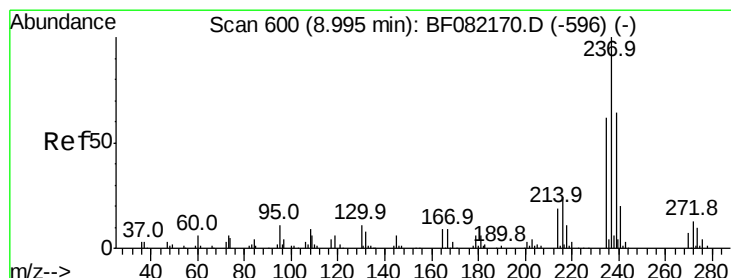
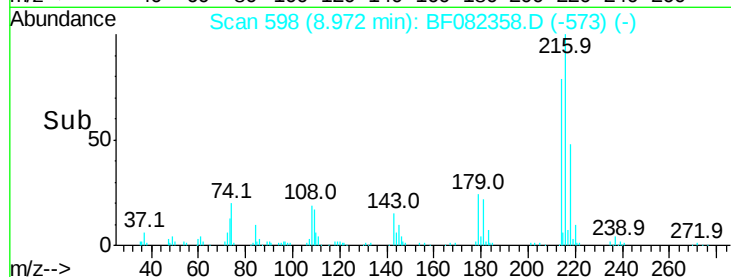
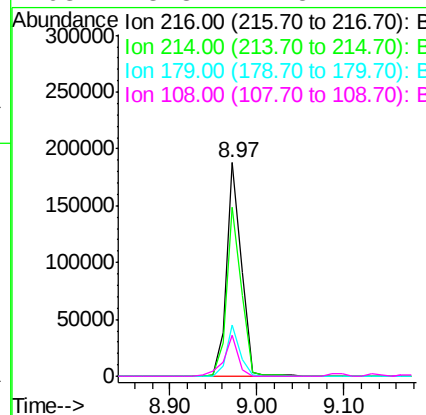
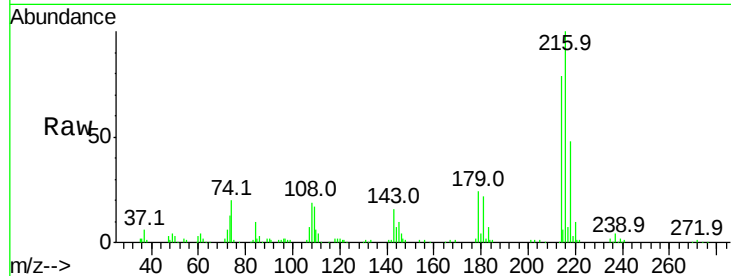
ClientSampleId :

PB86165BS

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	224822		
214	78.4	64.6	97.0	
179	21.1	17.6	26.4	
108	18.8	14.5	21.7	



#40

Hexachlorocyclopentadiene

Concen: 63.92 ng

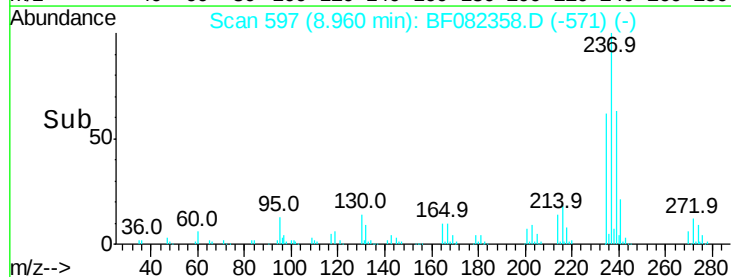
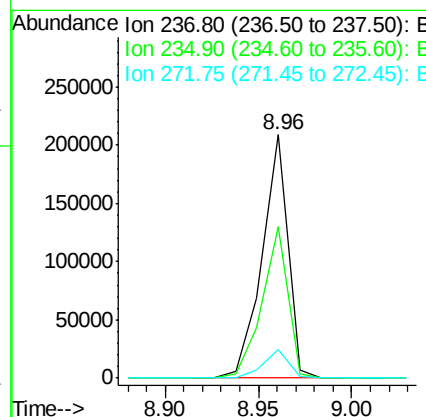
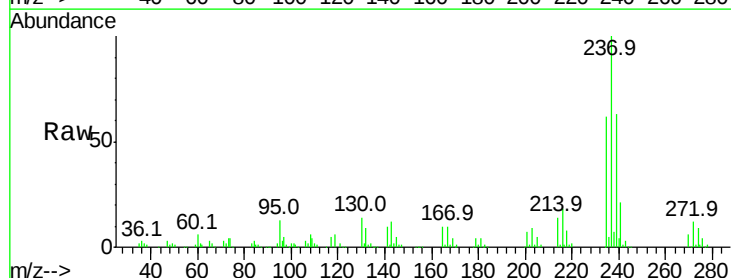
RT: 8.96 min Scan# 597

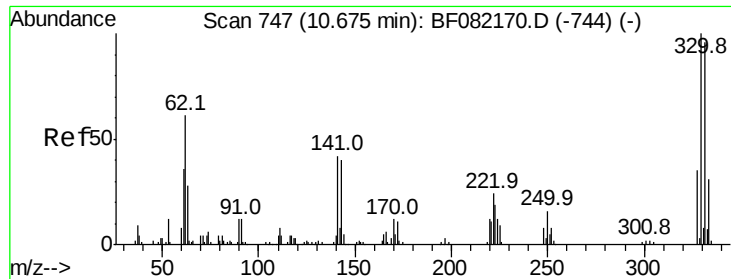
Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	198818		
235	62.0	41.7	81.7	
272	11.6	0.0	32.8	





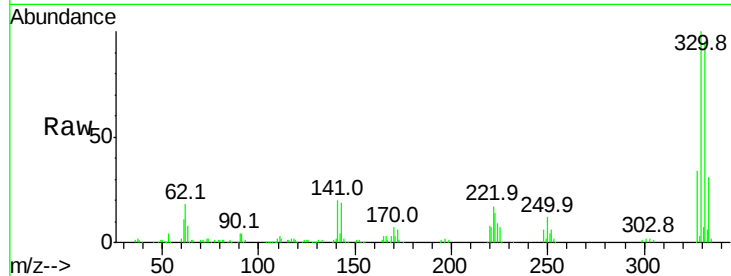
#41
 2,4,6-Tribromophenol
 Concen: 105.55 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleID :
 PB86165BS

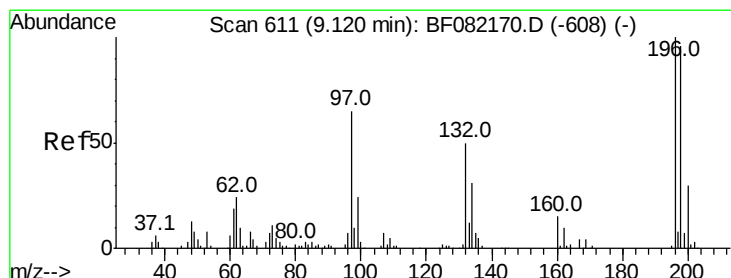
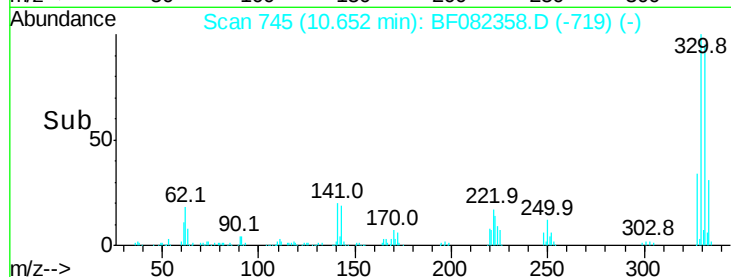
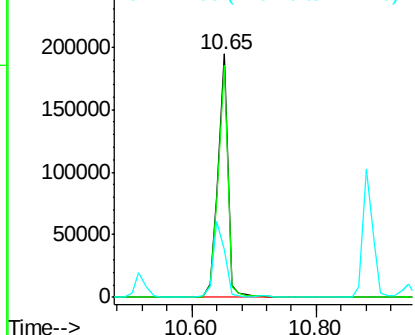
Tot Ion	Ratio	Resp	Lower	Upper
330	100	210702		
332	95.1	77.1	115.7	
141	36.8	29.8	44.8	

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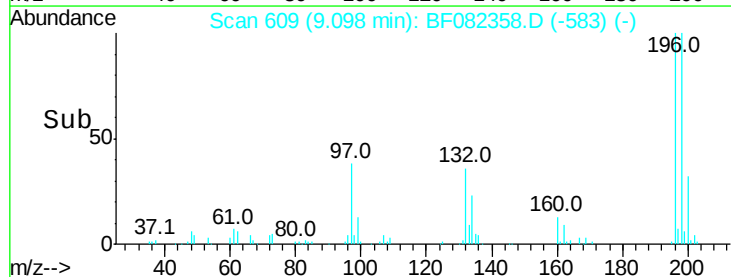
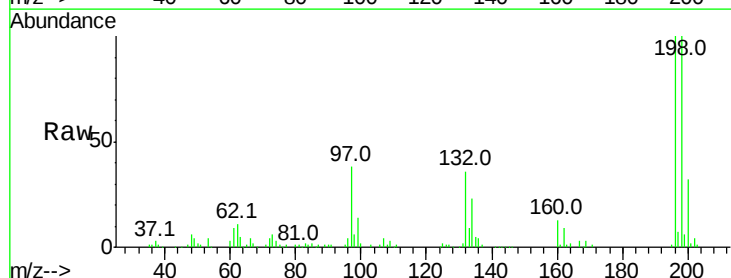
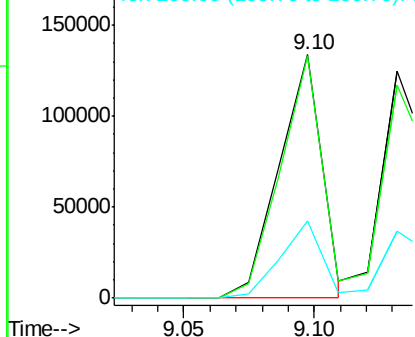
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

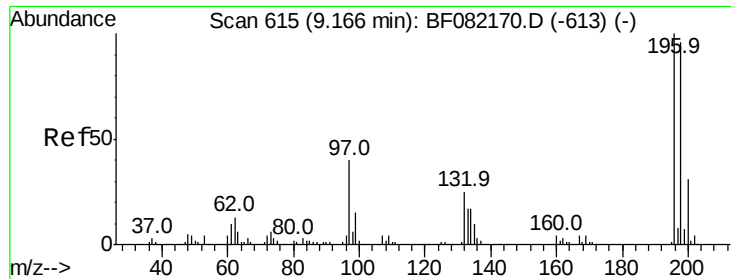


#42
 2,4,6-Trichlorophenol
 Concen: 36.23 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152360		
198	99.8	76.6	115.0	
200	31.8	23.7	35.5	

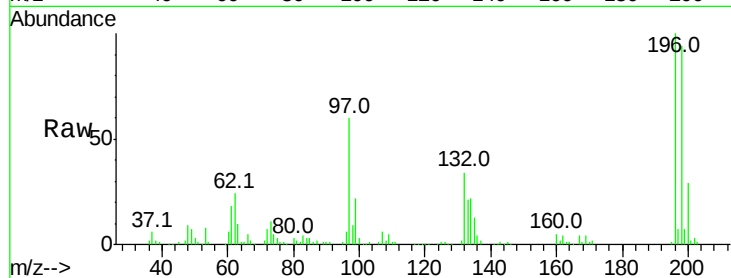
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 36.37 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

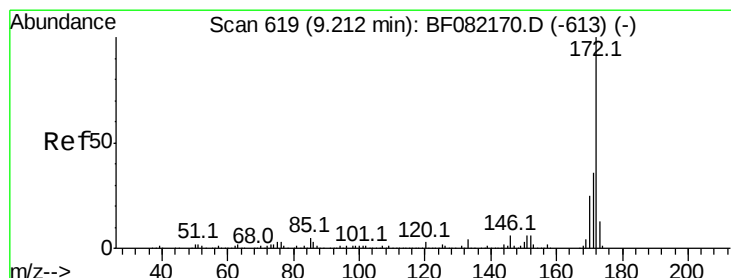
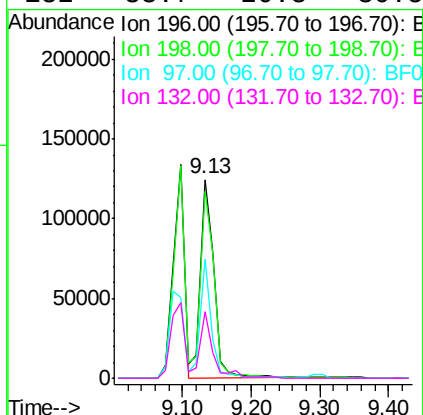
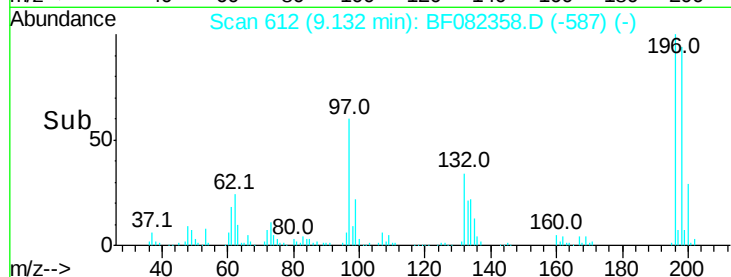
Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS



Tot Ion:	196	Resp:	165663
Ion Ratio	Lower	Upper	
196	100		
198	94.0	77.0	115.4
97	59.6	31.9	47.9#
132	33.7	20.3	30.5#

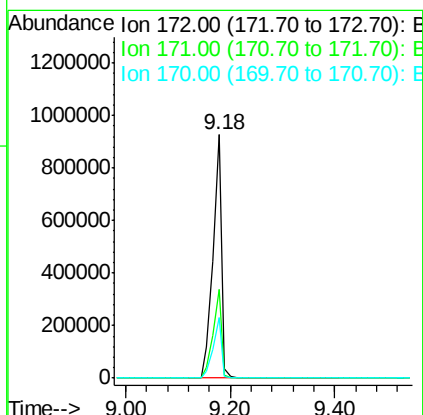
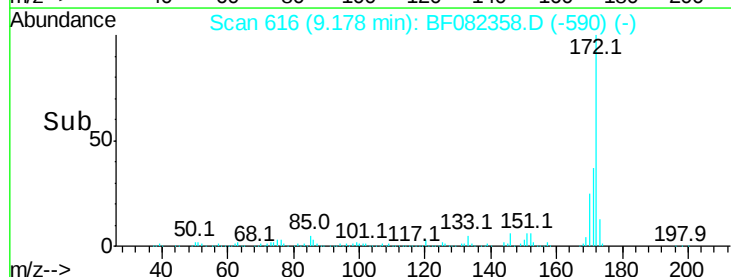
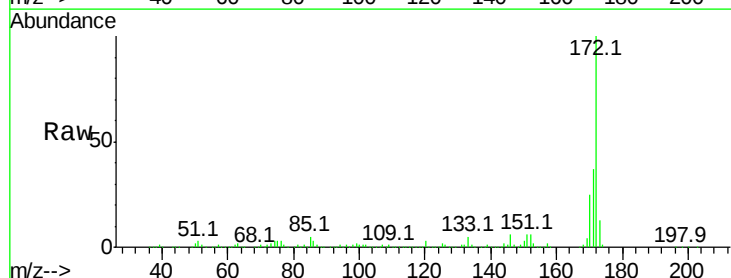
Manual Integrations
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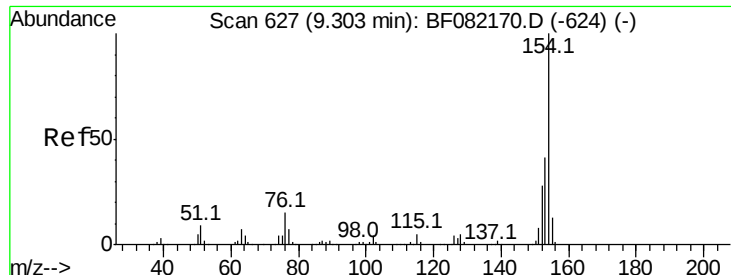
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 83.02 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion:	172	Resp:	1065537
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.6	42.8
170	24.9	19.7	29.5





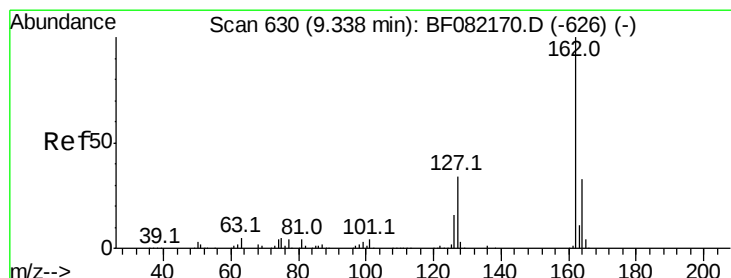
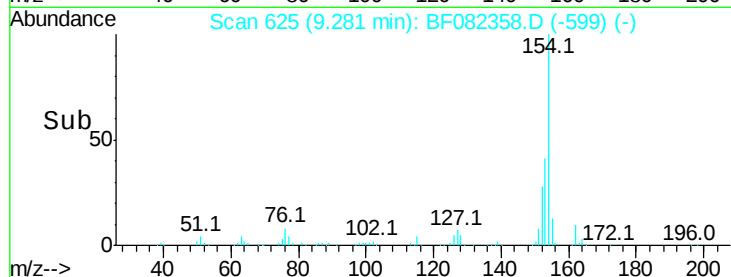
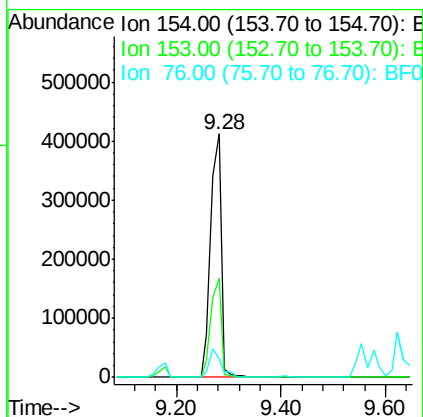
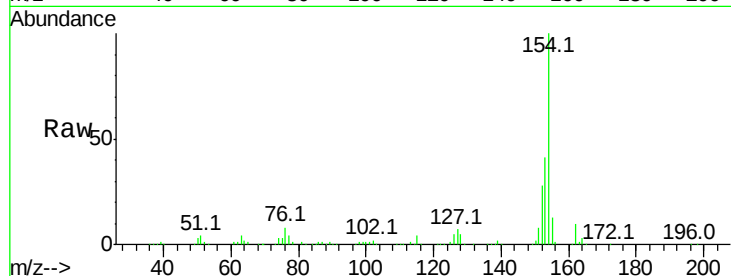
#45
 1,1'-Biphenyl
 Concen: 36.33 ng
 RT: 9.28 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	20.6	60.6	
76	7.8	0.0	35.2	

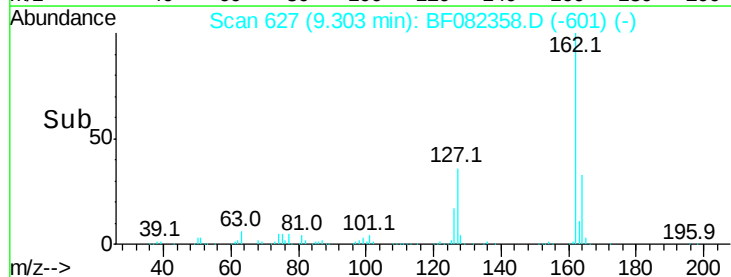
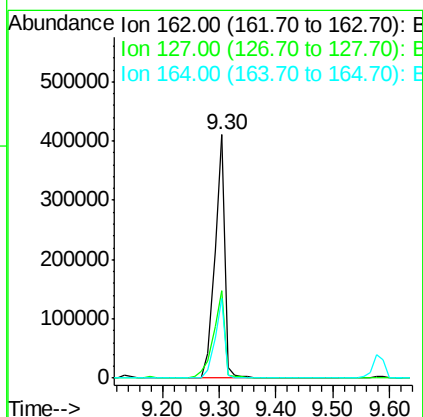
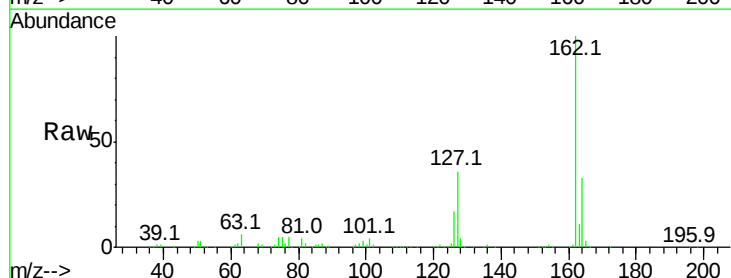
Manual Integrations
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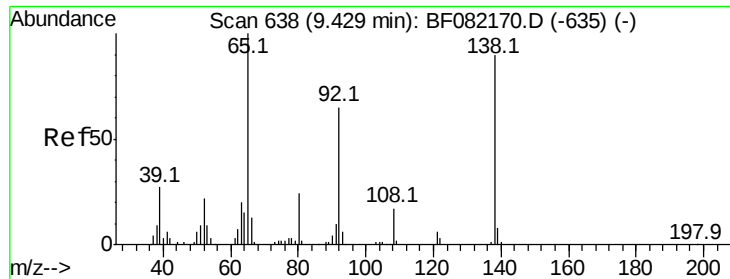
MMdadoda
 10/20/2015 6:25:48 PM



#46
 2-Chloronaphthalene
 Concen: 37.78 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.7	27.5	41.3	
164	33.0	26.6	39.8	





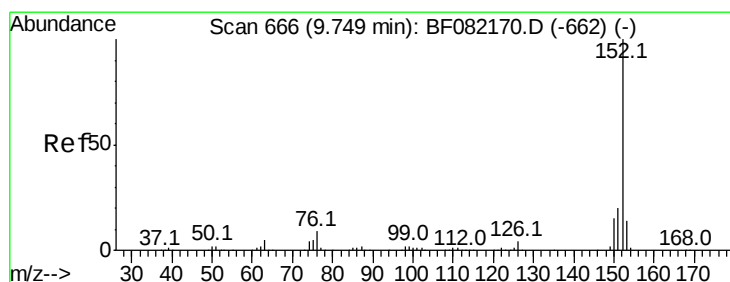
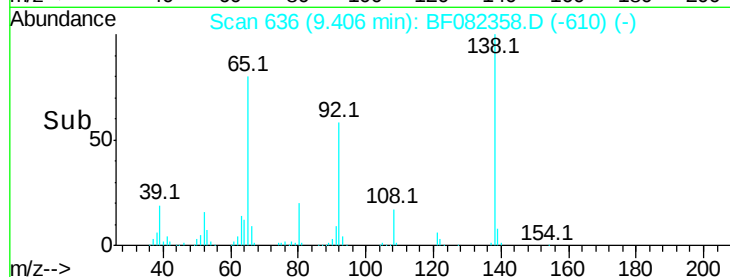
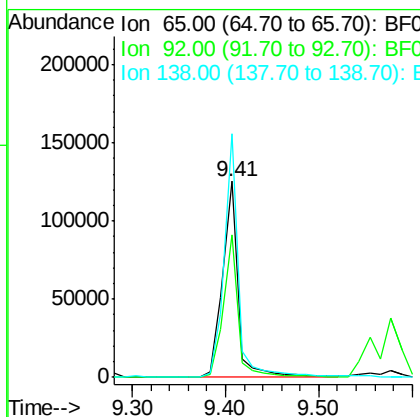
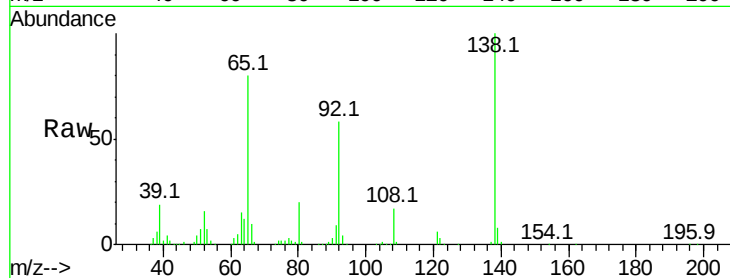
#47
2-Nitroaniline
Concen: 41.75 ng
RT: 9.41 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.5	52.3	78.5
138	124.3	72.2	108.4

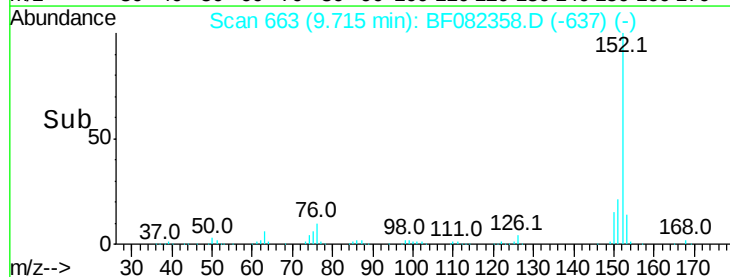
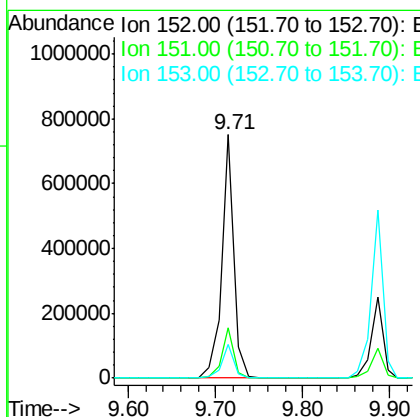
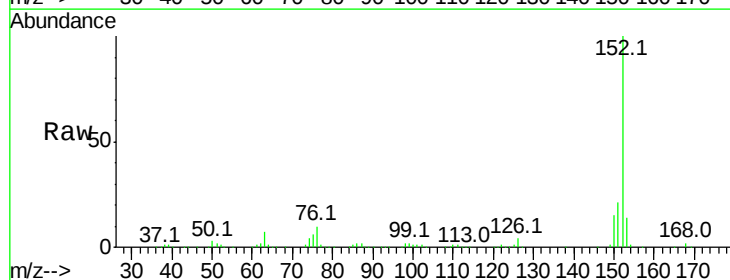
Manual Integrations
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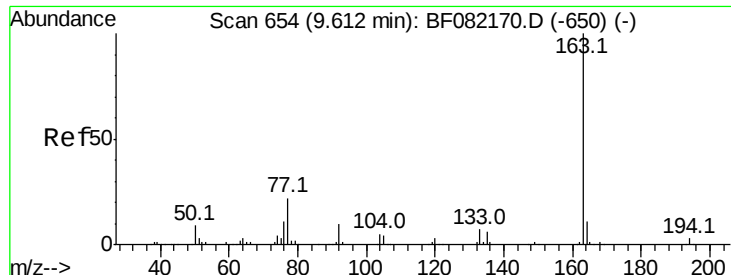
MMdadoda
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#48
Acenaphthylene
Concen: 36.95 ng
RT: 9.71 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.6	10.8	16.2





#49

Dimethylphthalate

Concen: 36.67 ng

RT: 9.58 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

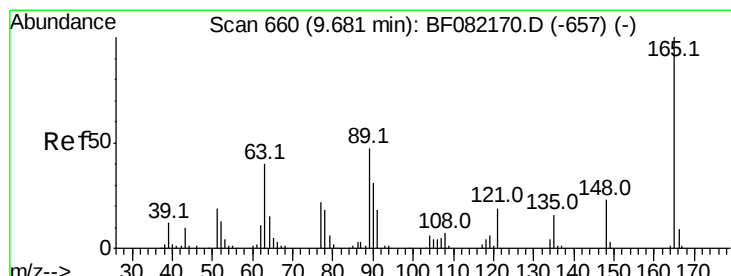
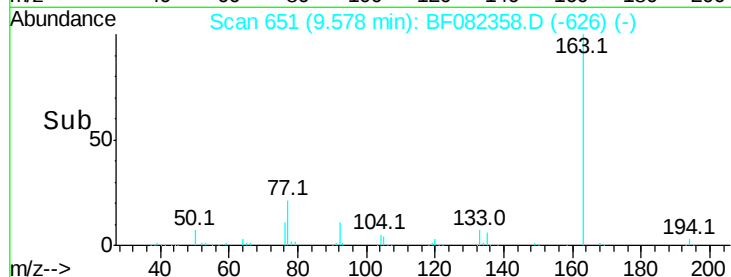
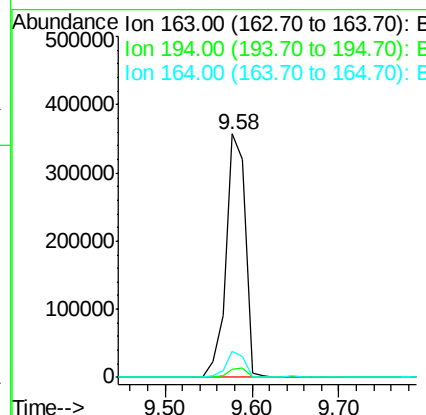
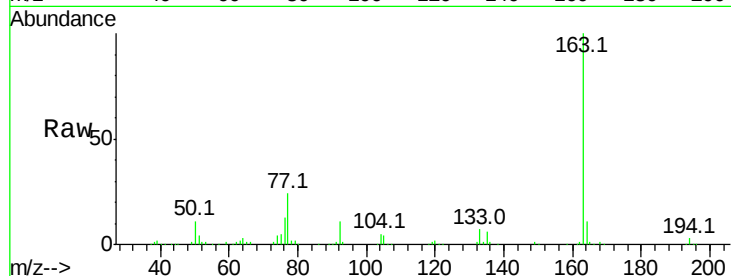
ClientSampleId :

PB86165BS

Tot Ion:	163	Resp:	549678
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.8	8.5	12.7

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 36.57 ng

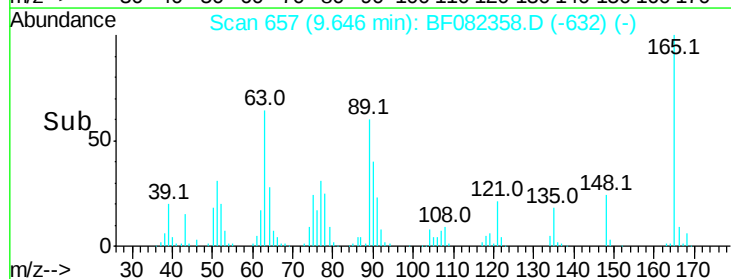
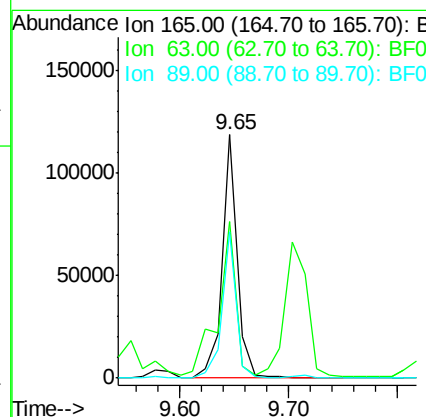
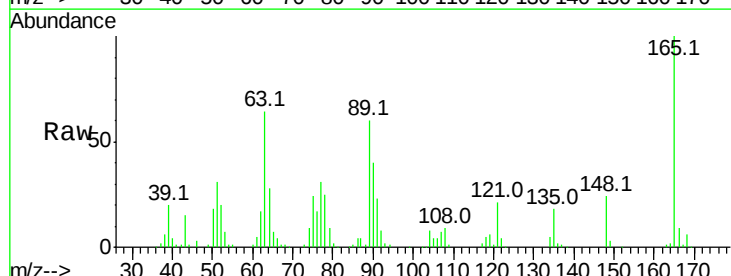
RT: 9.65 min Scan# 657

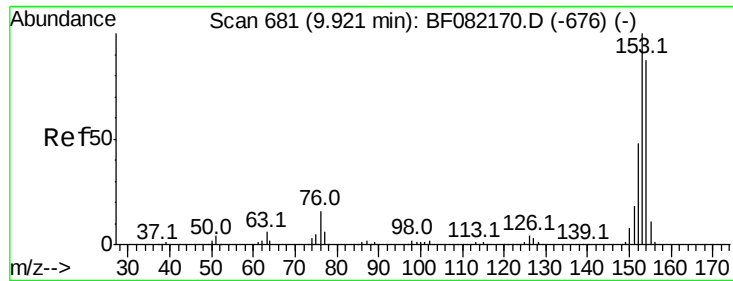
Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	165	Resp:	115671
Ion Ratio	Lower	Upper	
165	100		
63	64.4	36.7	55.1#
89	59.9	37.8	56.6#





#51

Acenaphthene

Concen: 36.37 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

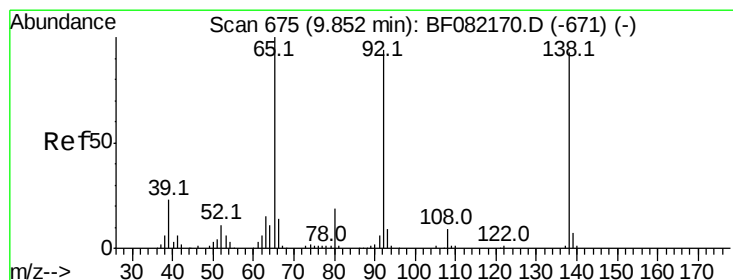
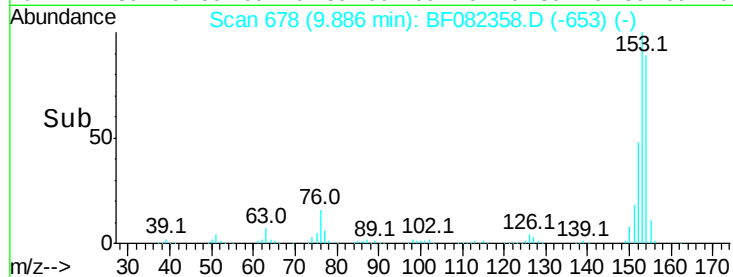
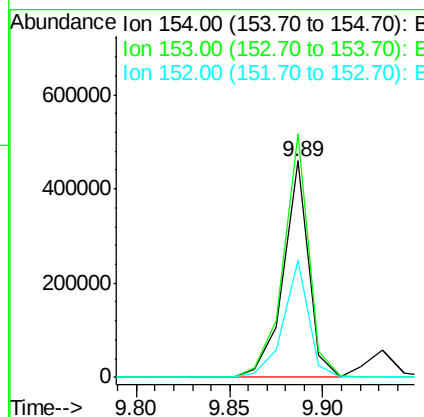
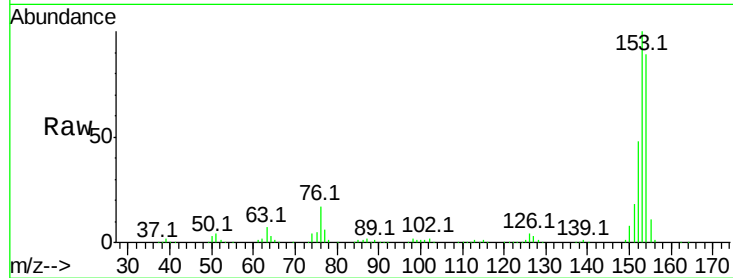
ClientSampleId :

PB86165BS

Tot Ion:	154	Resp:	434641
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.4	137.2
152	54.3	44.3	66.5

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#52

3-Nitroaniline

Concen: 18.74 ng

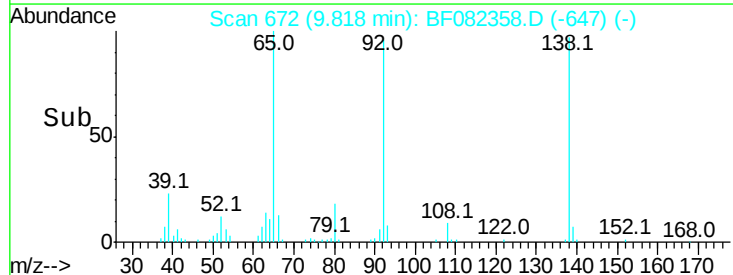
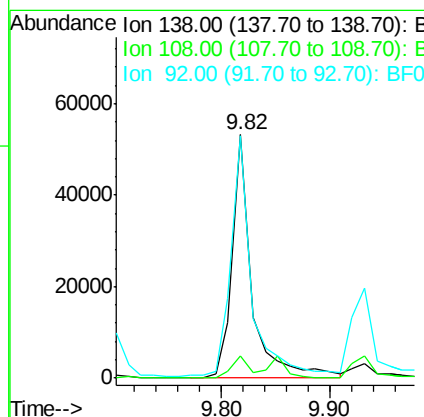
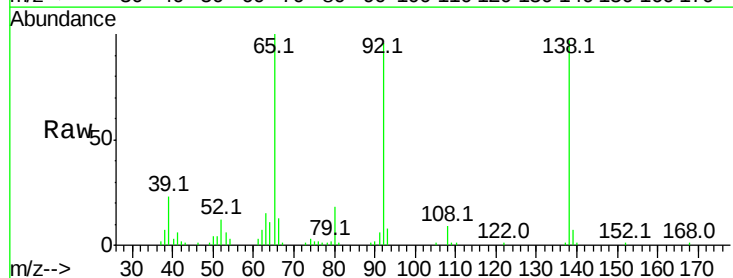
RT: 9.82 min Scan# 672

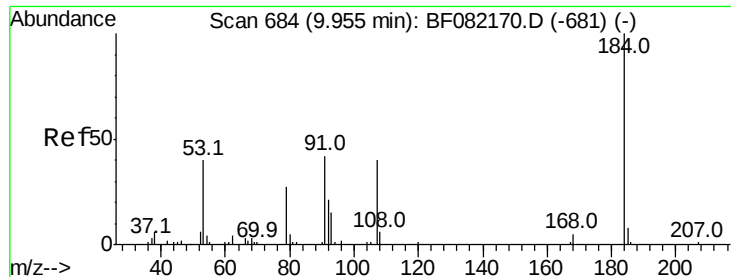
Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	138	Resp:	66946
Ion Ratio	Lower	Upper	
138	100		
108	9.1	7.4	11.0
92	99.3	81.3	121.9





#53

2,4-Dinitrophenol

Concen: 70.62 ng

RT: 9.93 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

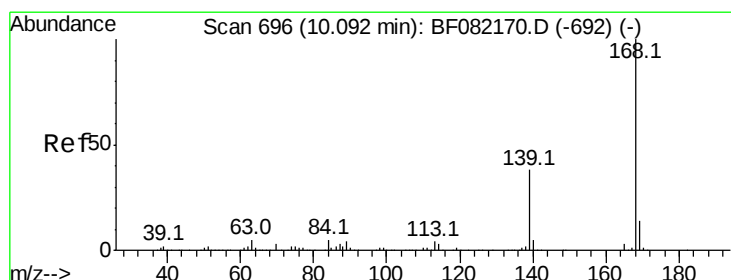
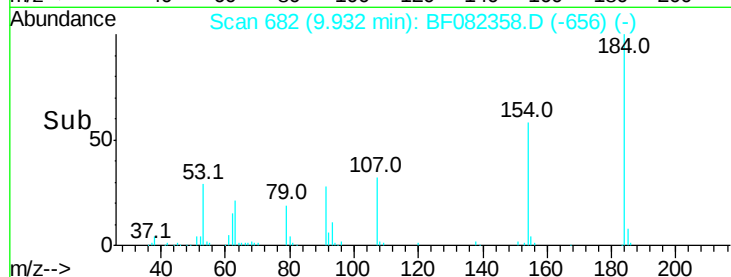
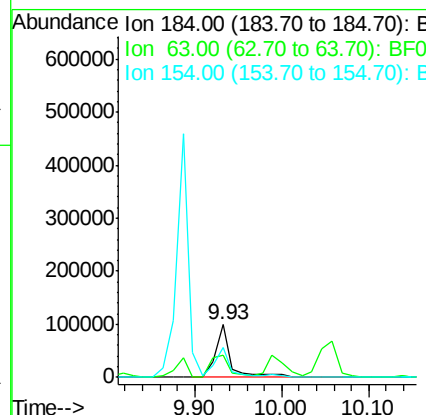
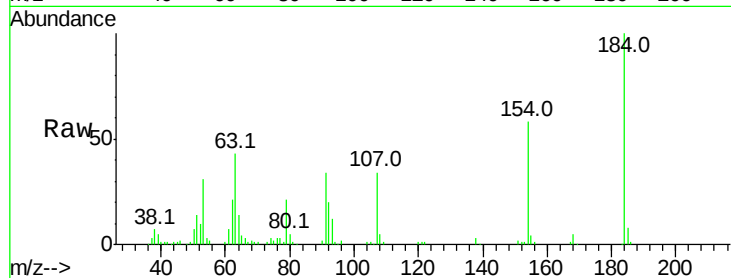
ClientSampleId :

PB86165BS

Tot Ion:	184	Resp:	123360
Ion Ratio	Lower	Upper	
184	100		
63	43.2	45.1	67.7#
154	57.6	51.2	76.8

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#54

Dibenzofuran

Concen: 37.83 ng

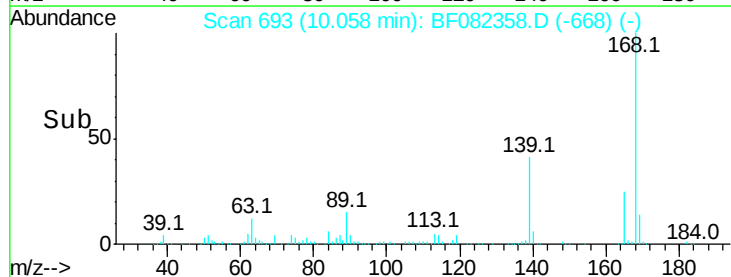
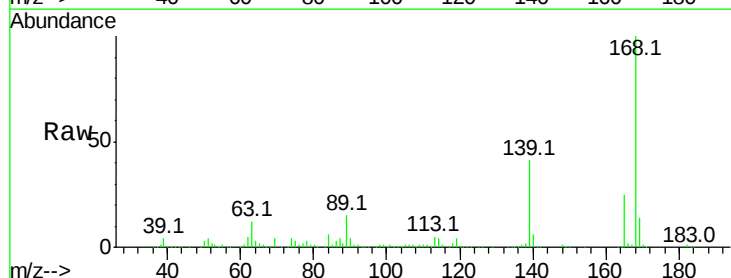
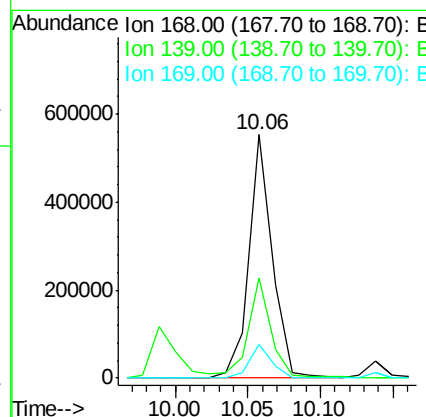
RT: 10.06 min Scan# 693

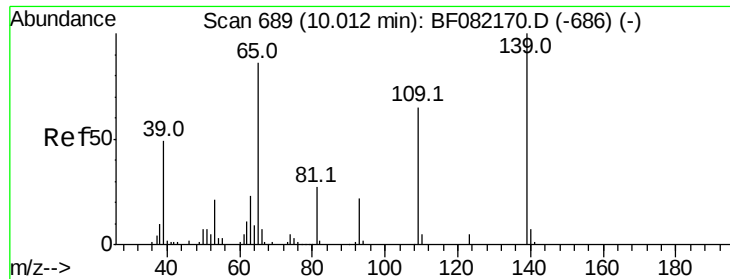
Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	168	Resp:	620691
Ion Ratio	Lower	Upper	
168	100		
139	40.9	31.0	46.6
169	13.8	10.9	16.3





#55

4-Nitrophenol

Concen: 63.44 ng

RT: 9.99 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

Tot Ion:139 Resp: 143576

Ion Ratio Lower Upper

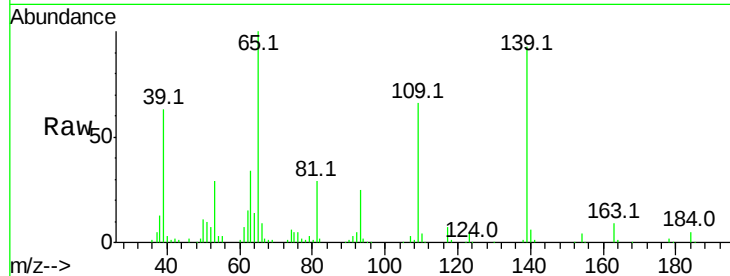
139 100

109 71.1 44.8 84.8

65 108.0 67.7 107.7#

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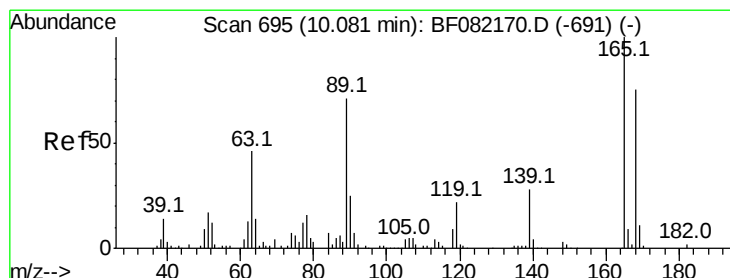
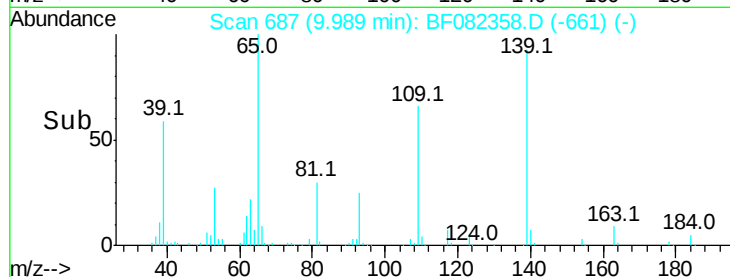
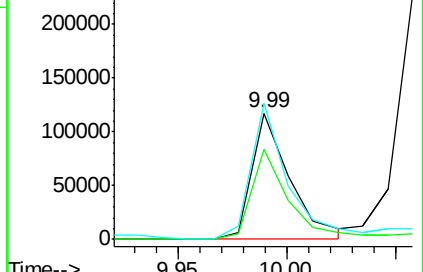
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.19 ng

RT: 10.06 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:165 Resp: 166784

Ion Ratio Lower Upper

165 100

63 49.4 38.6 58.0

89 61.4 57.0 85.6

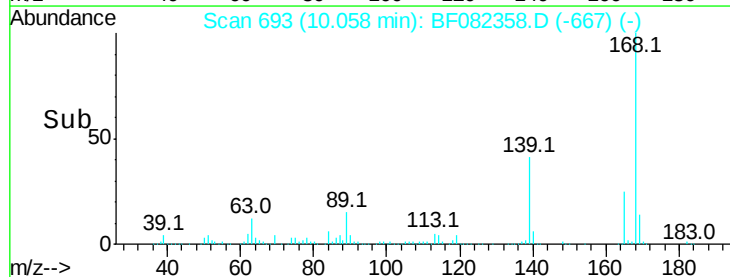
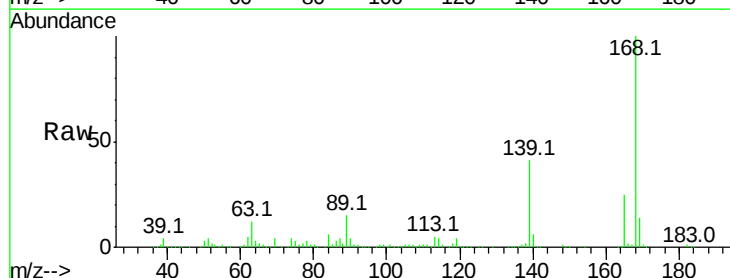
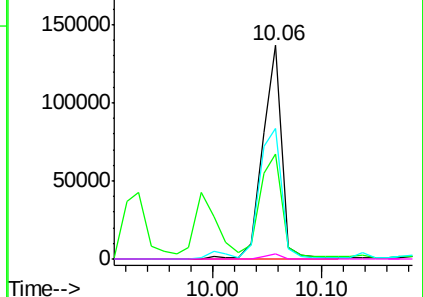
182 2.2 1.8 2.6

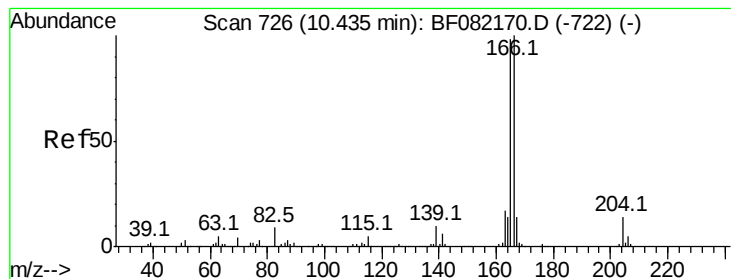
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.58 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

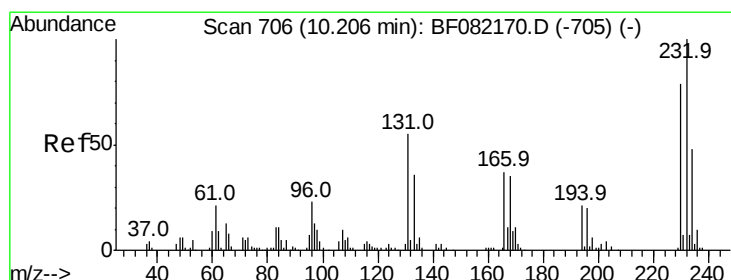
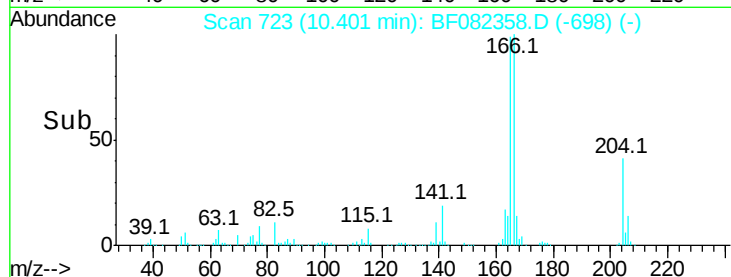
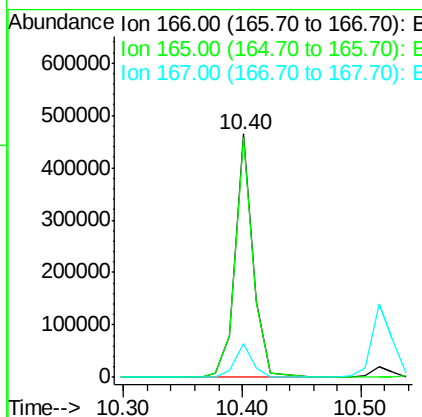
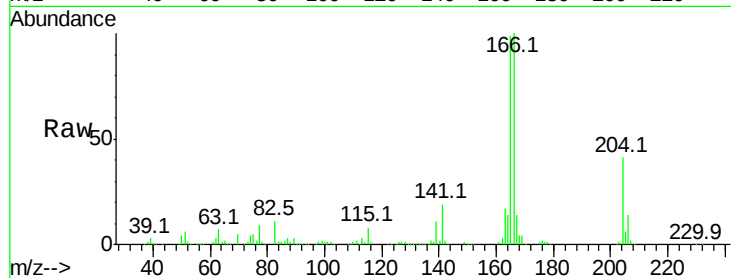
ClientSampleId :

PB86165BS

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Tot Ion:	166	Resp:	492854
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.3	117.5
167	13.9	10.8	16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.27 ng

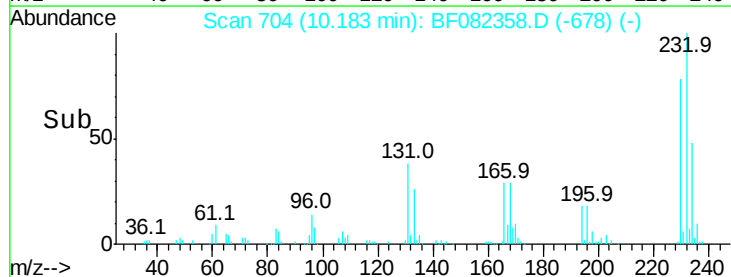
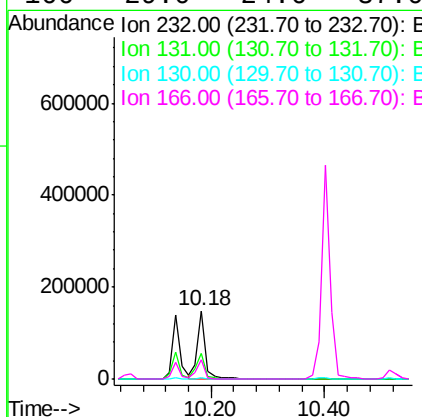
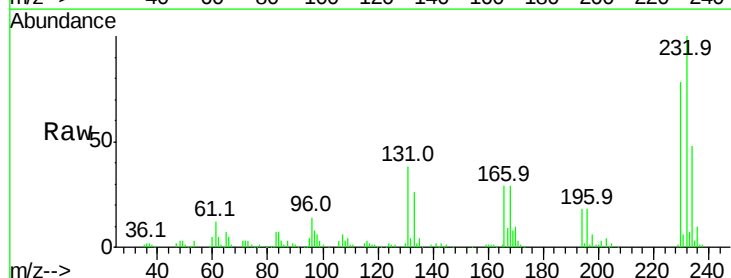
RT: 10.18 min Scan# 704

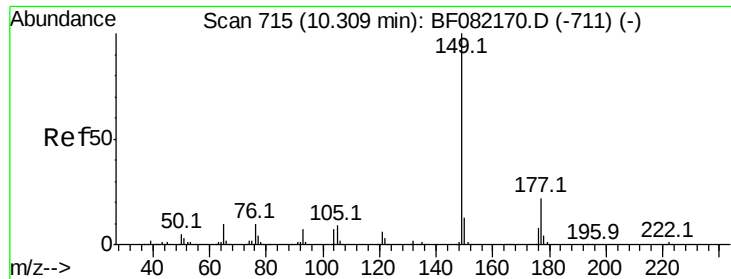
Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	232	Resp:	146151
Ion Ratio	Lower	Upper	
232	100		
131	42.2	36.6	54.8
130	1.8	1.5	2.3
166	29.0	24.6	37.0





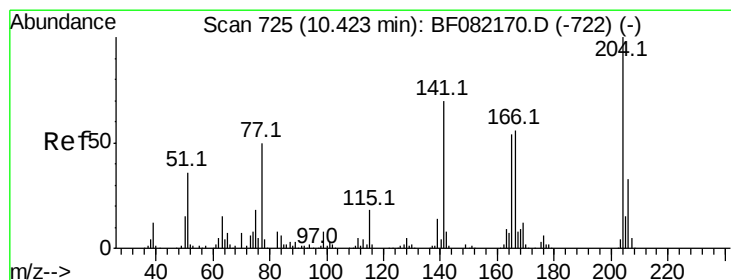
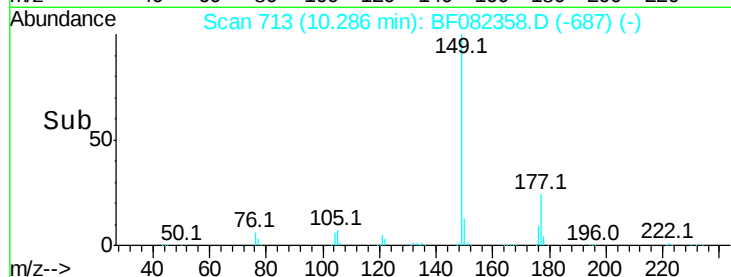
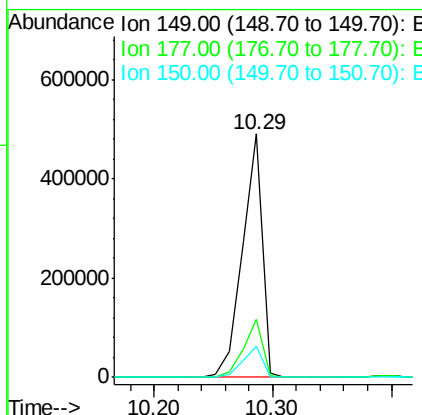
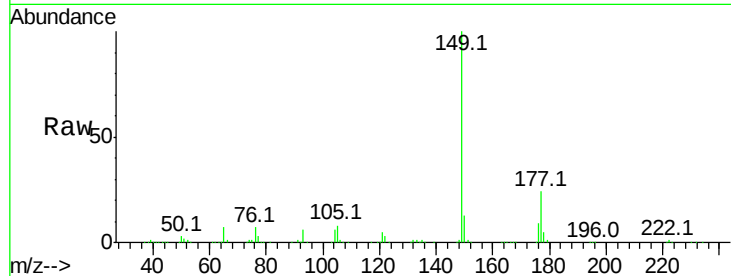
#59
Diethylphthalate
Concen: 40.94 ng
RT: 10.29 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	572025		
177	24.0		17.6	26.4
150	12.7		10.3	15.5

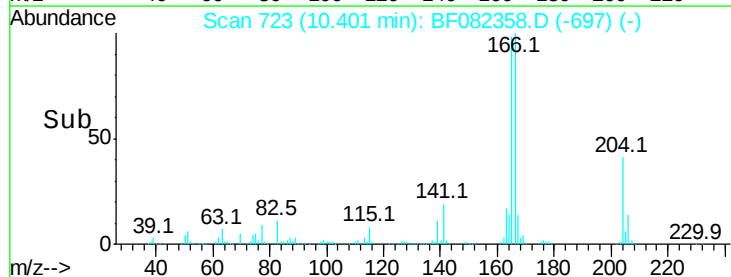
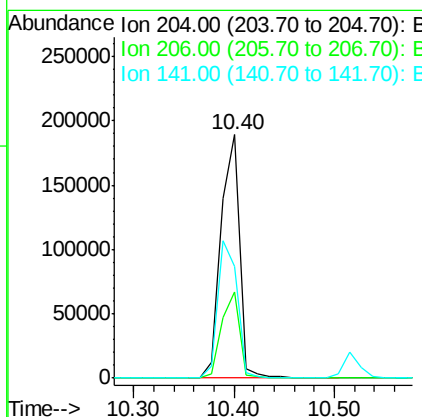
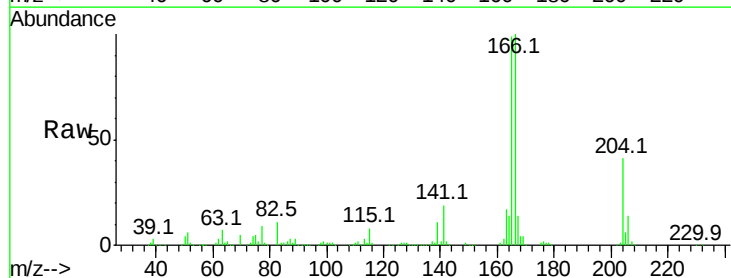
Manual Integrations
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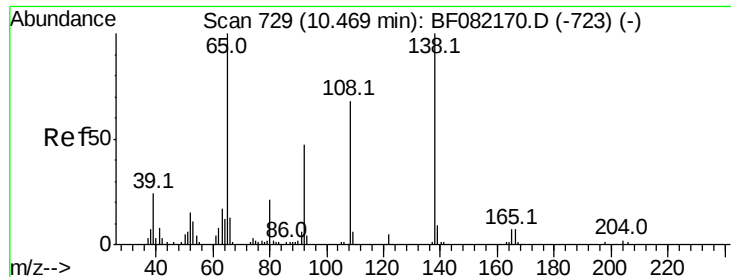
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 39.52 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	243899		
206	35.2		26.8	40.2
141	46.0		56.1	84.1#





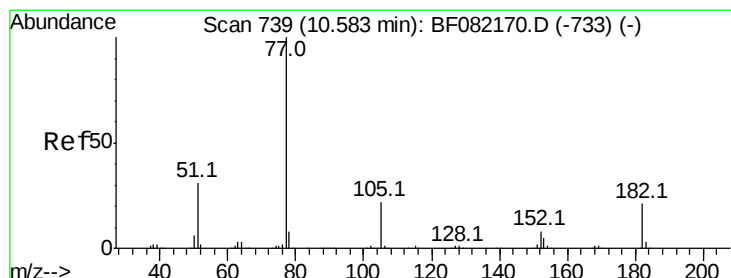
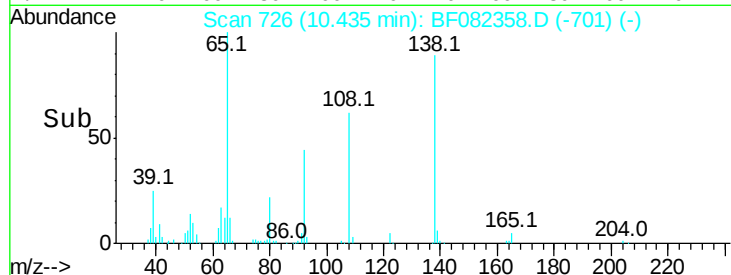
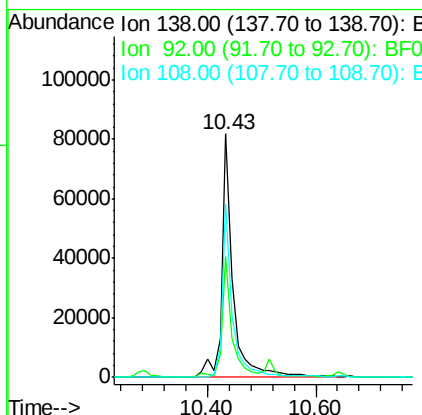
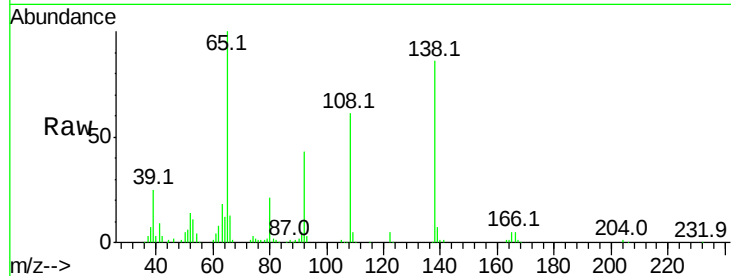
#61
4-Nitroaniline
Concen: 34.63 ng
RT: 10.43 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	119993		
92	49.7	26.8	66.8	
108	71.0	48.4	88.4	

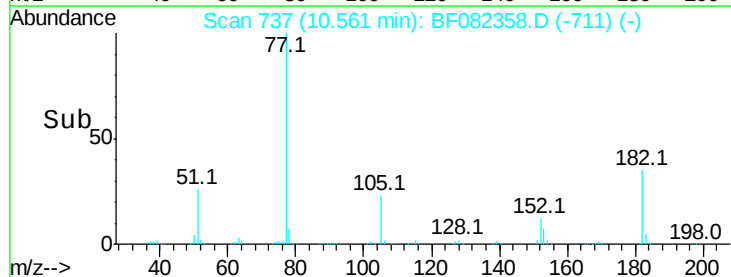
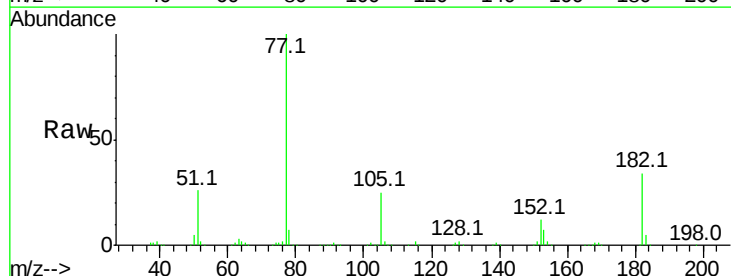
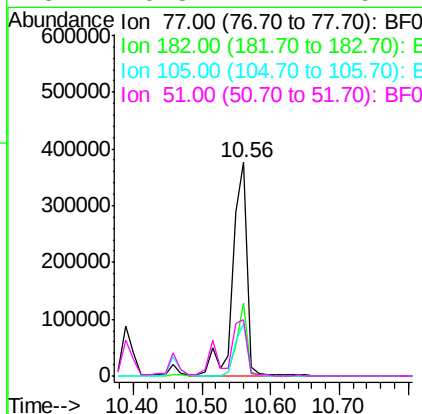
Manual Integrations
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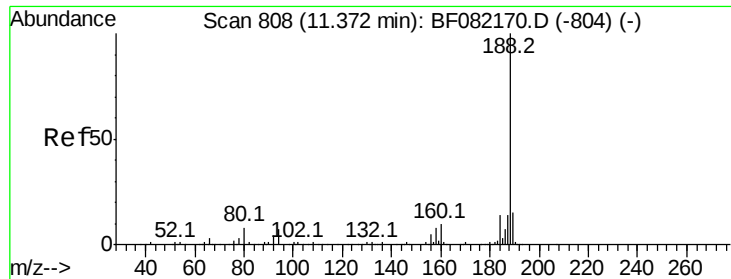
MMdadoda
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#62
Azobenzene
Concen: 40.25 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	550352		
182	34.4	0.5	40.5	
105	24.6	1.8	41.8	
51	26.3	11.2	51.2	





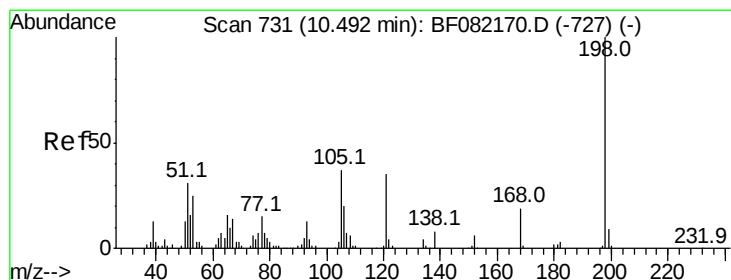
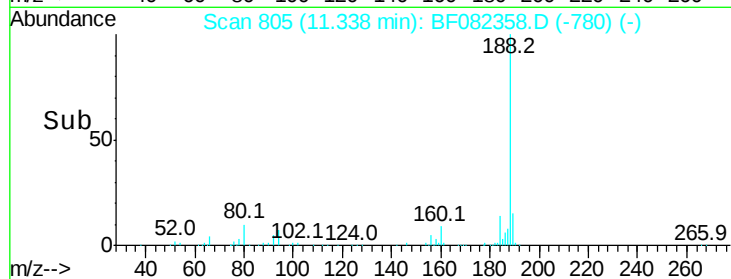
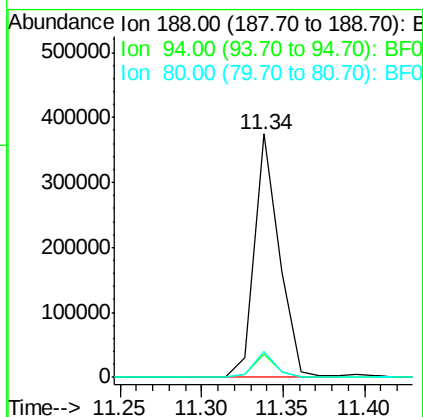
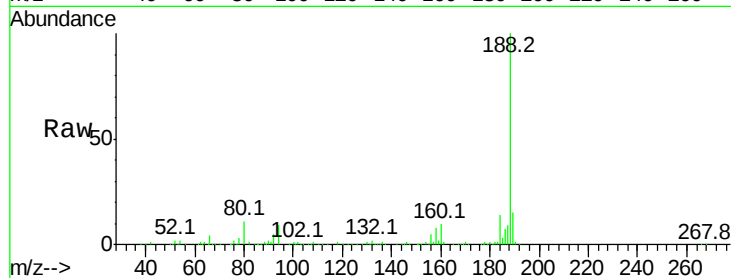
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	5.8	8.6#
80	10.6	6.4	9.6#

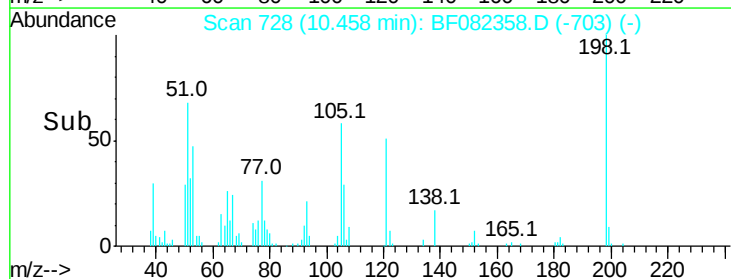
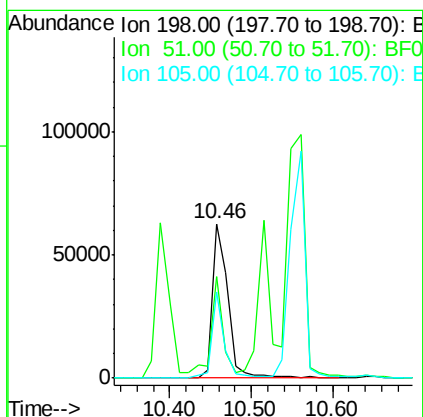
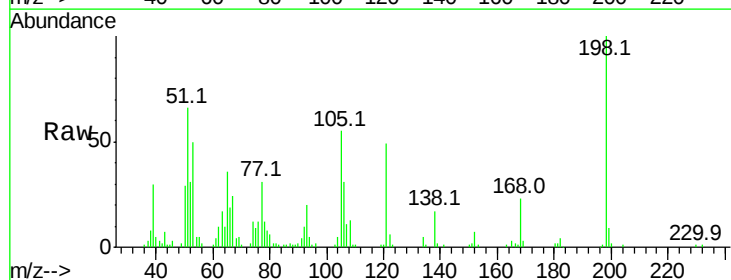
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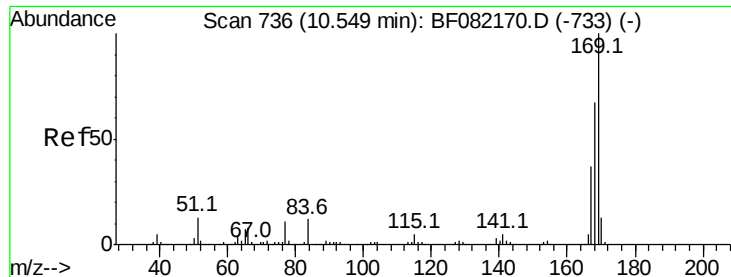
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.08 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	65.7	13.6	53.6#
105	55.4	17.1	57.1





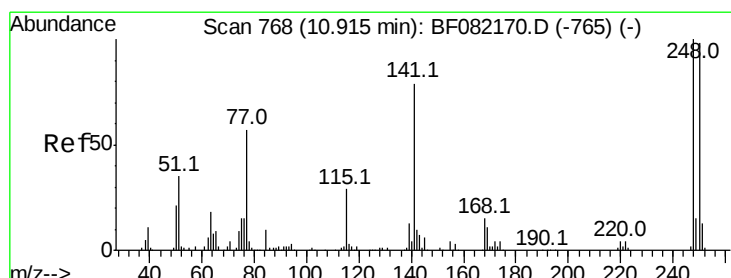
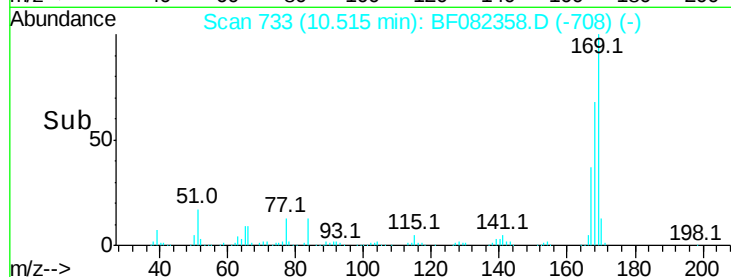
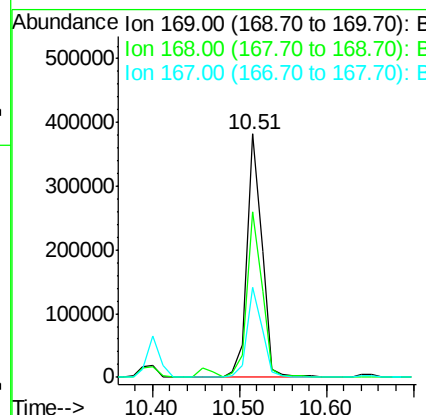
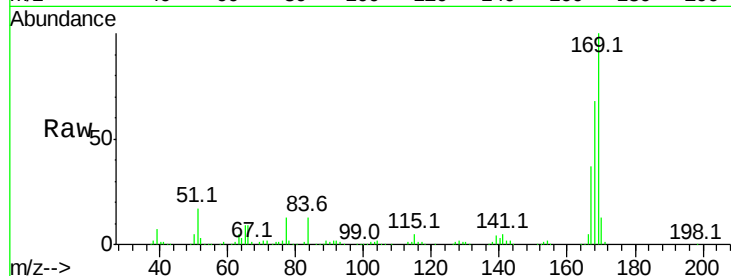
#65
 n-Nitrosodiphenylamine
 Concen: 38.33 ng
 RT: 10.51 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.9	54.0	81.0	
167	36.8	29.6	44.4	

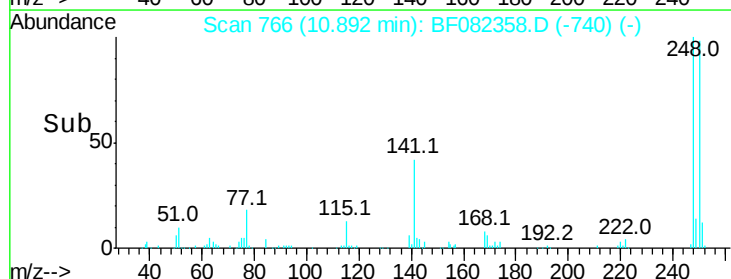
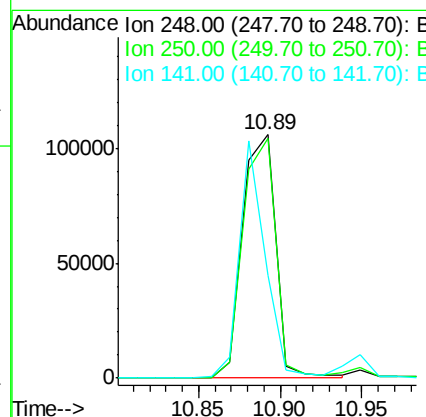
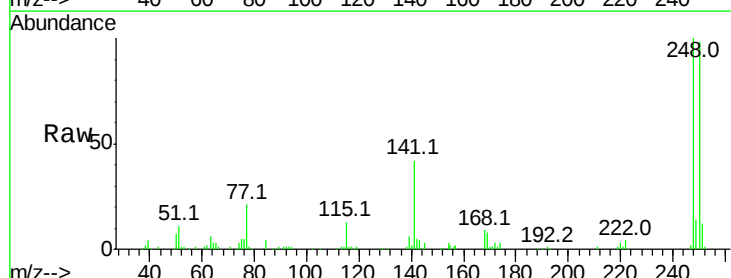
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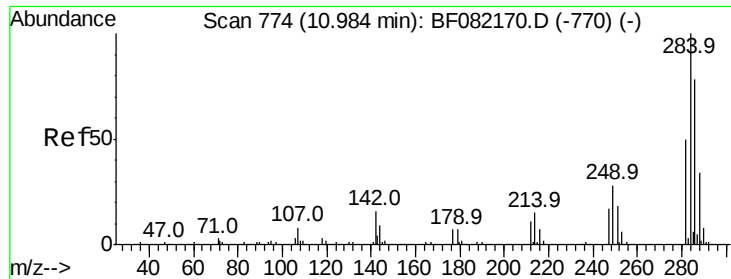
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#66
 4-Bromophenyl-phenylether
 Concen: 37.43 ng
 RT: 10.89 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.5	78.6	117.8	
141	42.5	63.3	94.9	





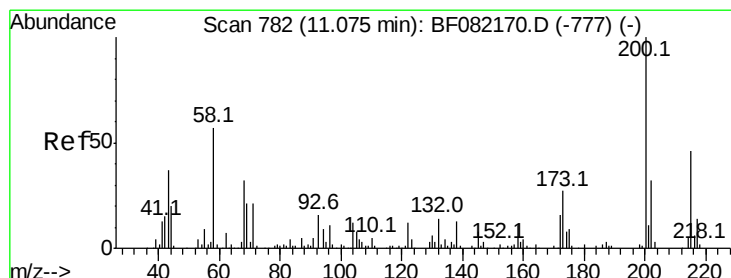
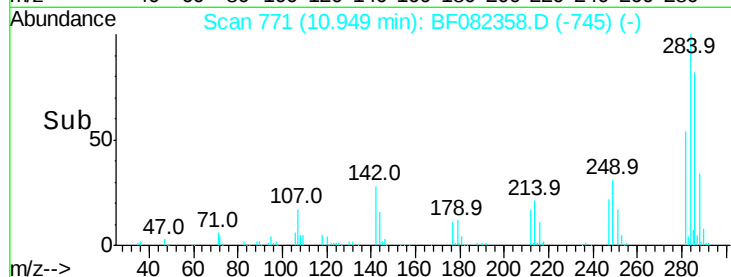
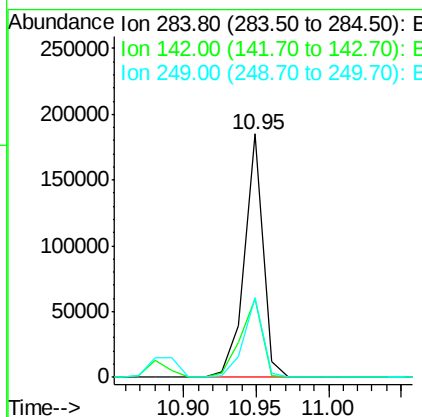
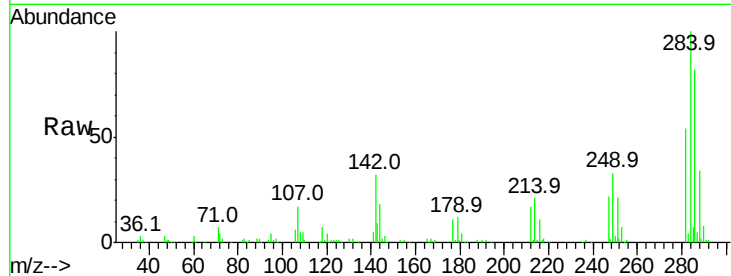
#67
Hexachlorobenzene
Concen: 38.28 ng
RT: 10.95 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	165704		
142	32.0	13.0	19.6	
249	32.9	22.5	33.7	

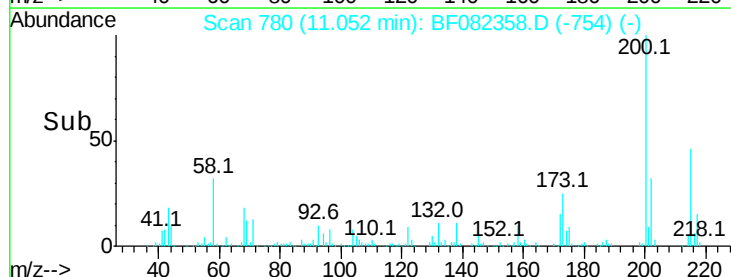
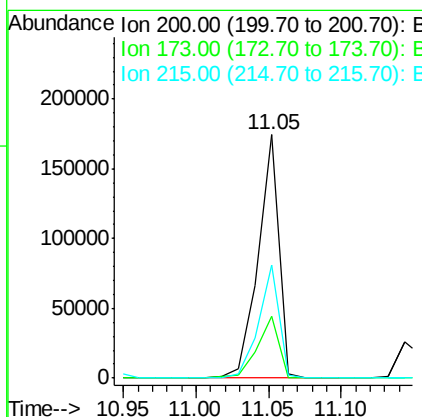
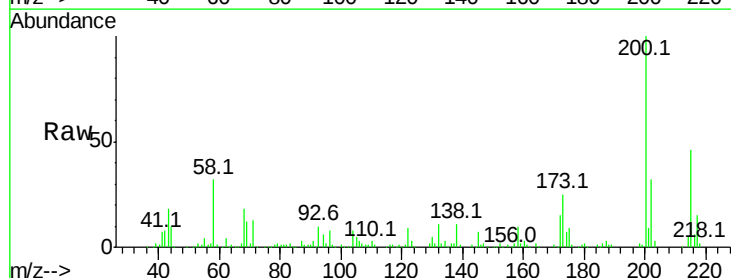
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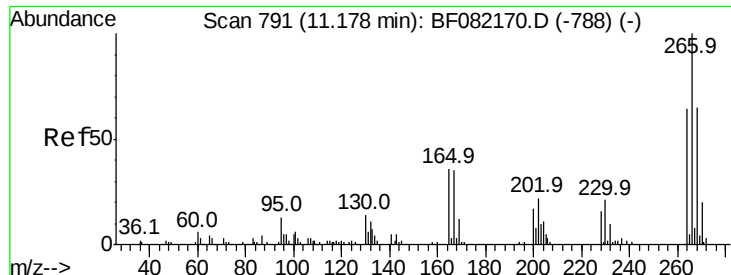
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#68
Atrazine
Concen: 45.71 ng
RT: 11.05 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	173377		
173	25.2	7.3	47.3	
215	46.4	26.2	66.2	





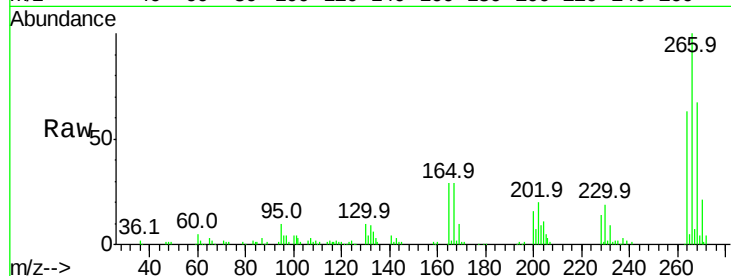
#69
 Pentachlorophenol
 Concen: 73.15 ng
 RT: 11.15 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

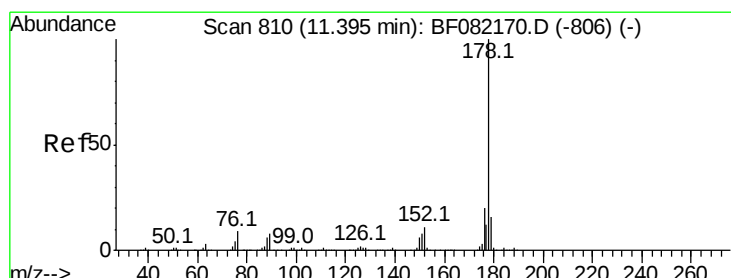
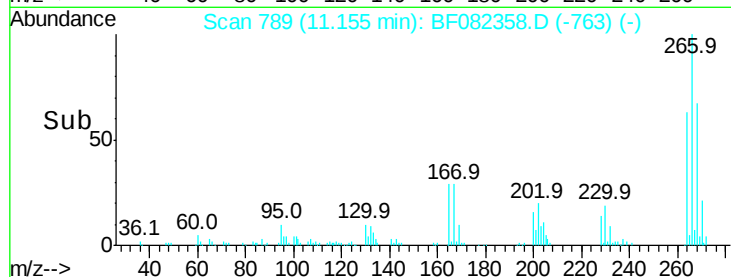
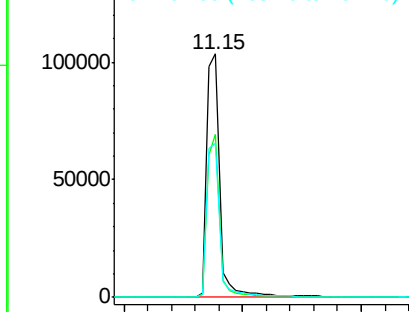
Tot Ion	Ratio	Resp	Lower	Upper
266	100	162922		
268	67.2	52.0	78.0	
264	63.1	51.4	77.0	

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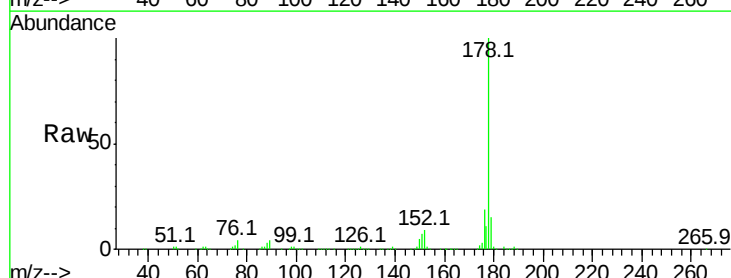


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

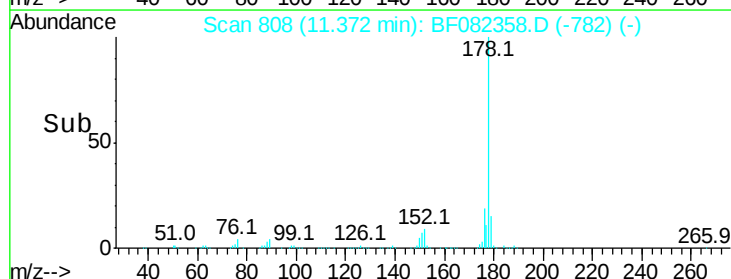
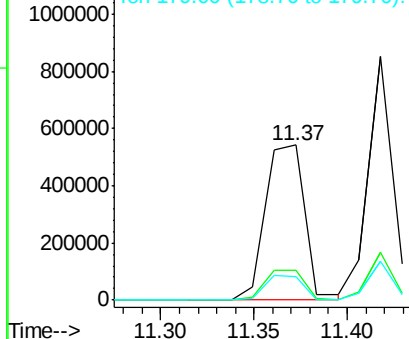


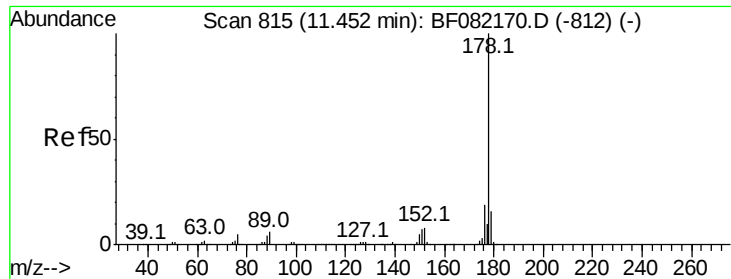
#70
 Phenanthrene
 Concen: 40.43 ng
 RT: 11.37 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	792460		
176	19.4	16.0	24.0	
179	15.2	12.6	19.0	



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





#71

Anthracene

Concen: 39.97 ng

RT: 11.42 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

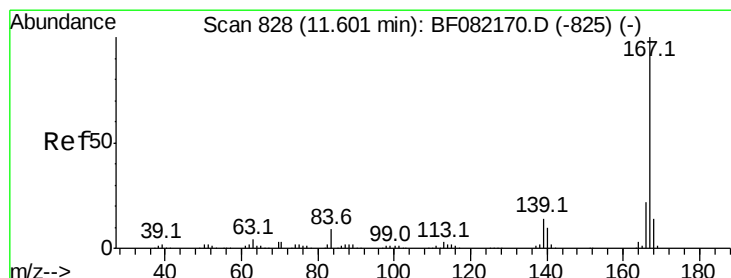
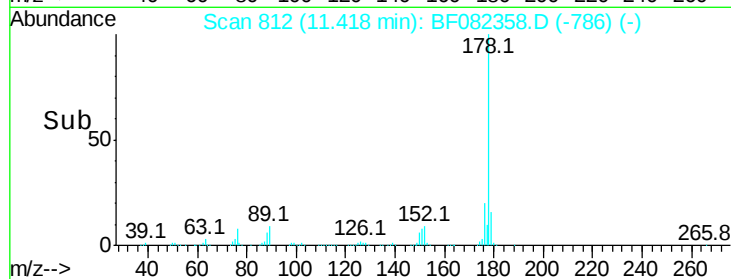
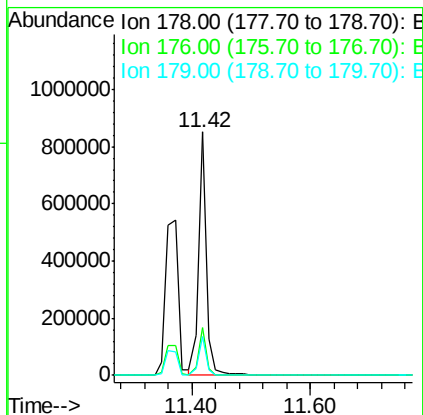
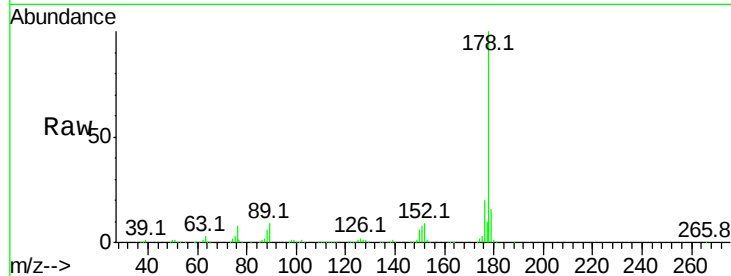
ClientSampled :

PB86165BS

Tot Ion:	178	Resp:	807257
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.4	23.0
179	16.0	12.5	18.7

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#72

Carbazole

Concen: 38.22 ng

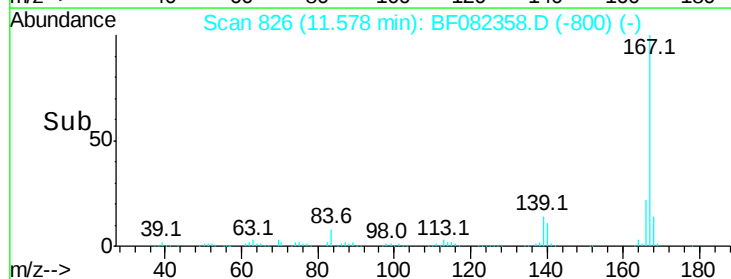
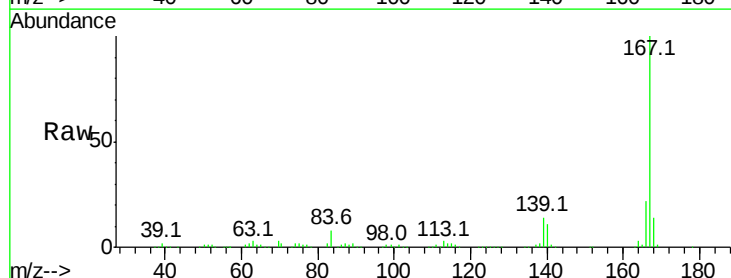
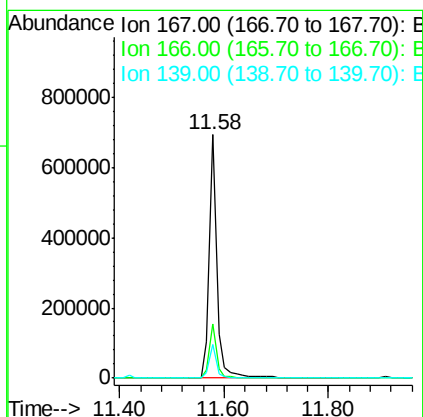
RT: 11.58 min Scan# 826

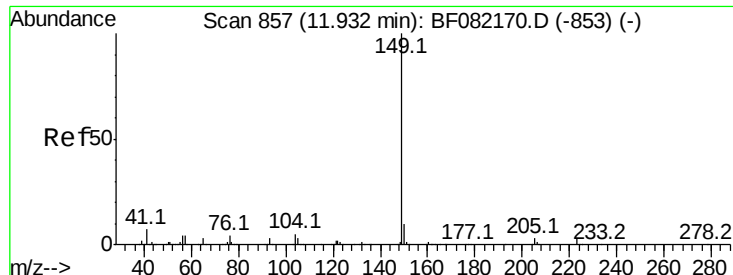
Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	167	Resp:	704200
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.3	25.9
139	13.7	11.2	16.8





#73

Di-n-butylphthalate

Concen: 41.56 ng

RT: 11.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

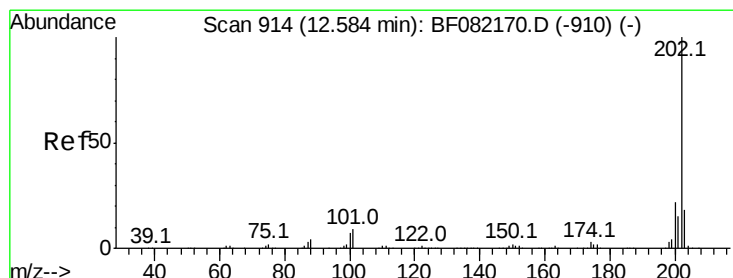
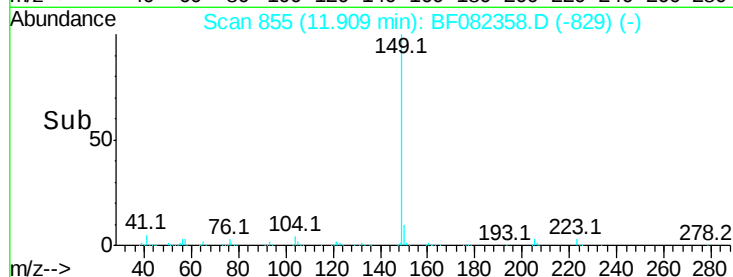
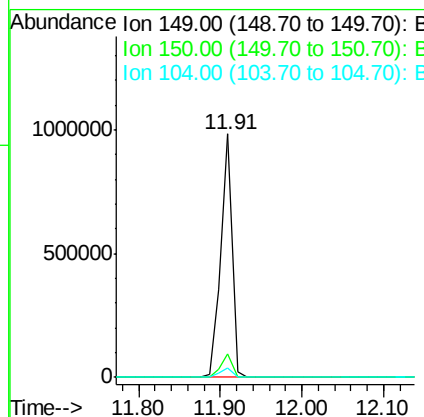
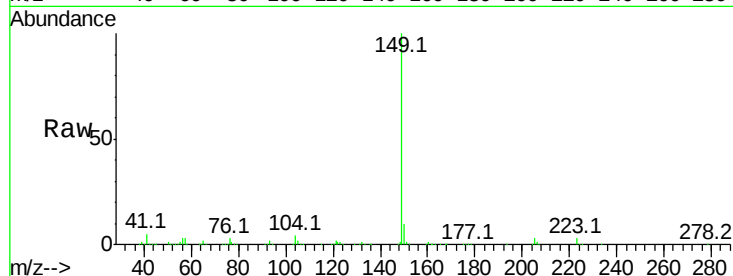
ClientSampleId :

PB86165BS

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Tot Ion:	149	Resp:	944787
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.1	3.8	5.8



#74

Fluoranthene

Concen: 41.77 ng

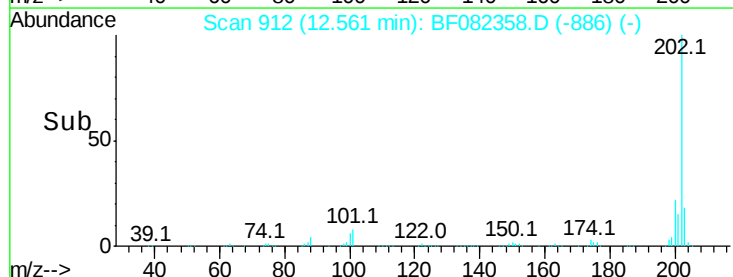
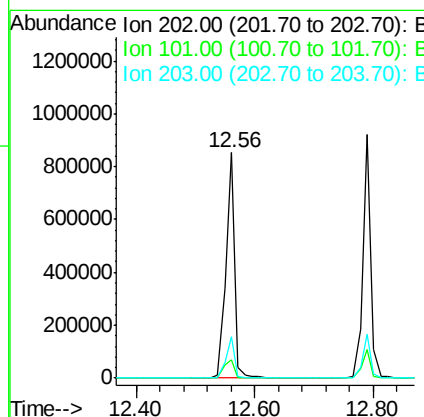
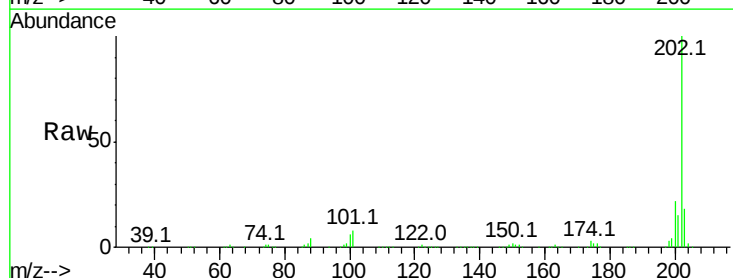
RT: 12.56 min Scan# 912

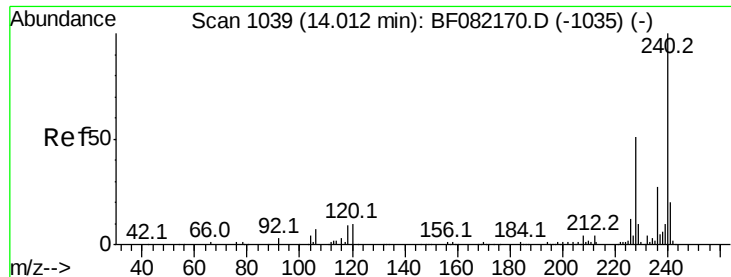
Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	202	Resp:	879353
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	29.3
203	18.1	0.0	37.8





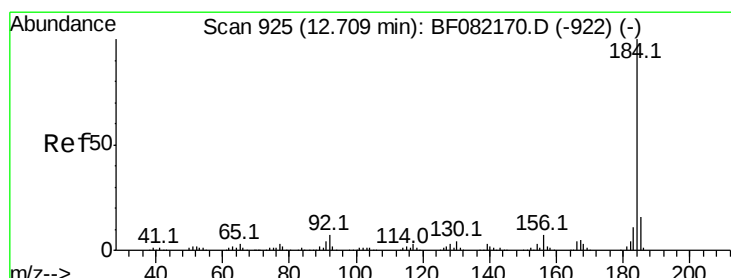
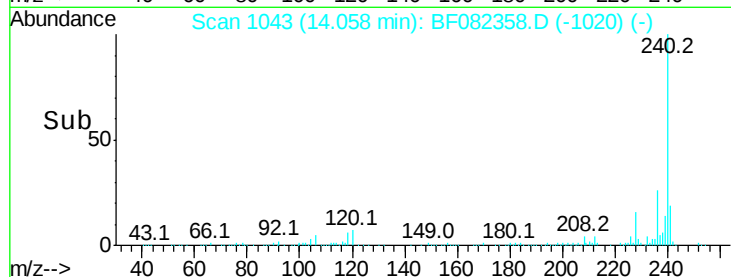
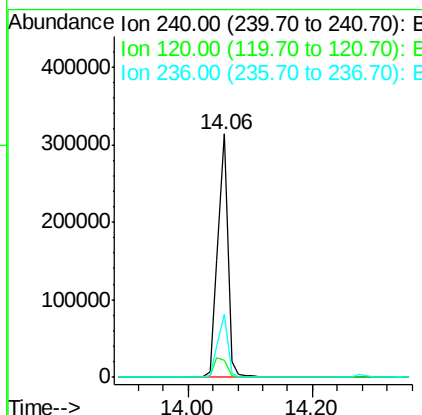
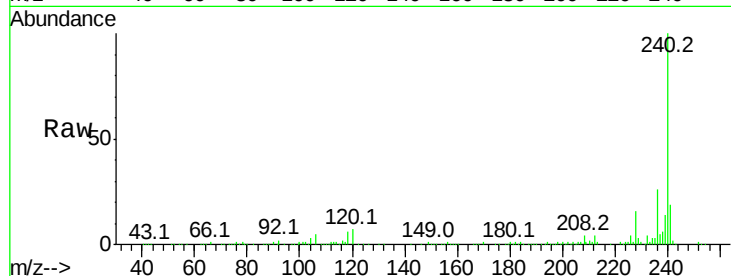
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	348320		
120	6.9	8.1	12.1#	
236	25.9	21.3	31.9	

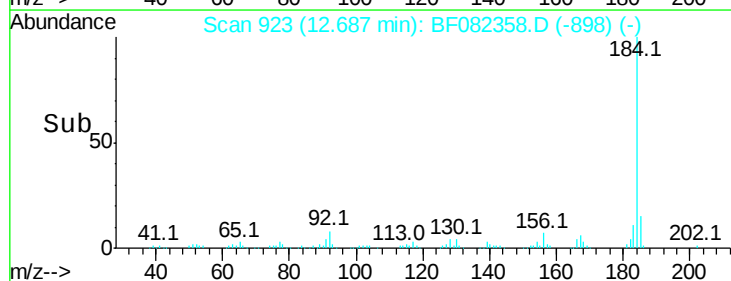
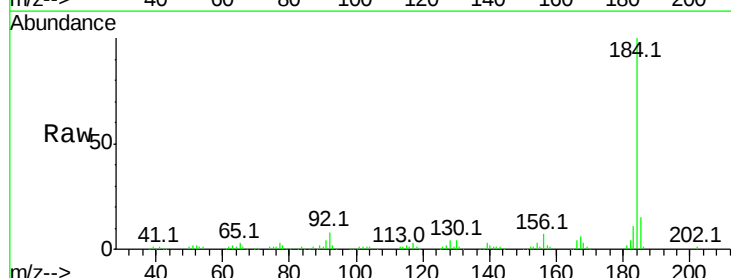
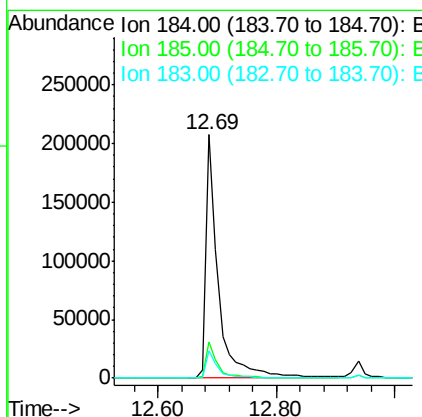
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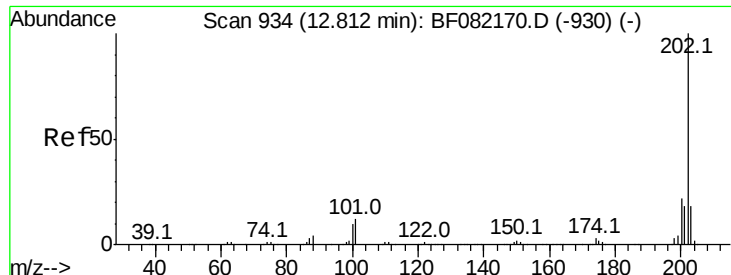
MMdadoda
10/20/2015 6:25:48 PM



#76
Benzidine
Concen: 30.49 ng
RT: 12.69 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	307732		
185	14.7	12.5	18.7	
183	11.0	9.1	13.7	





#77

Pvrene

Concen: 41.09 ng

RT: 12.79 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF082358.D

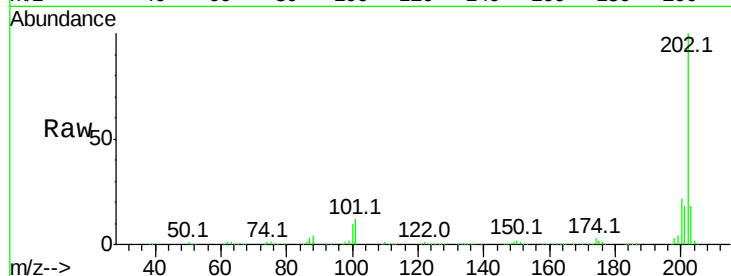
Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

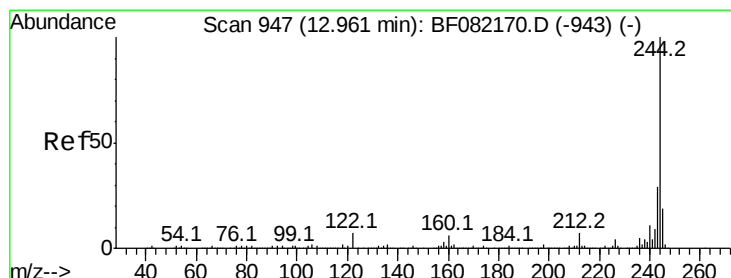
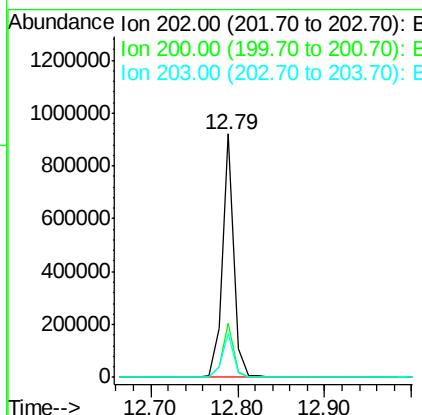
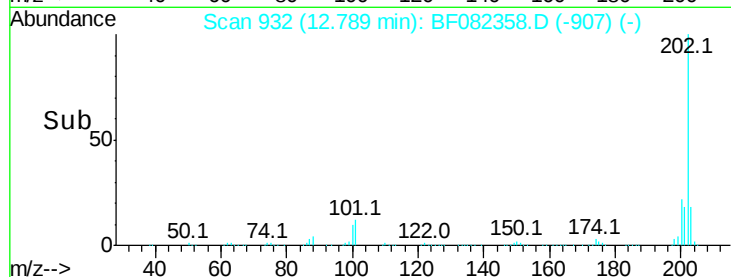
PB86165BS



Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.9	26.9
203	18.3	14.5	21.7

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#78

Terphenyl-d14

Concen: 74.63 ng

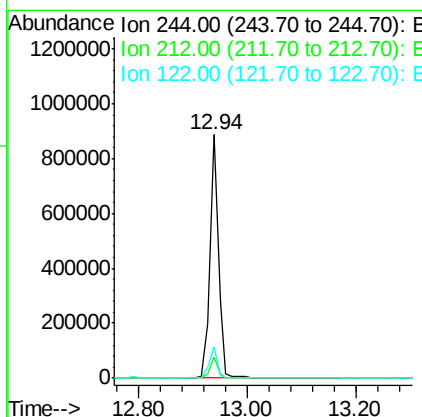
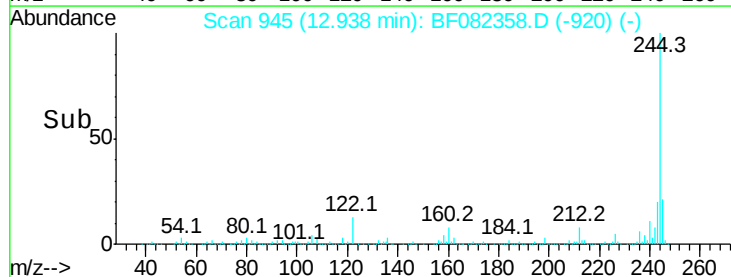
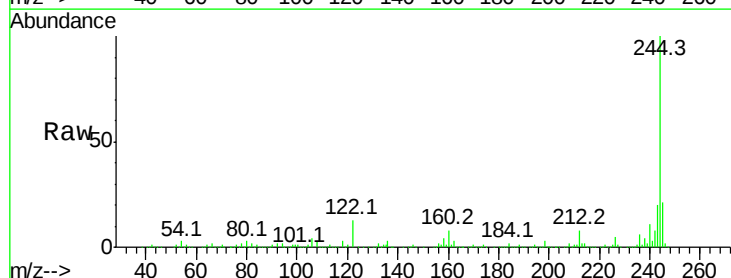
RT: 12.94 min Scan# 945

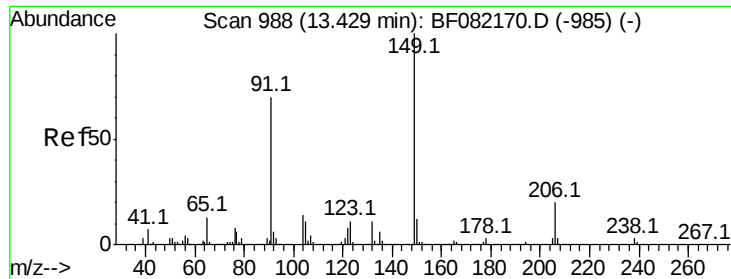
Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	12.6	5.9	8.9#





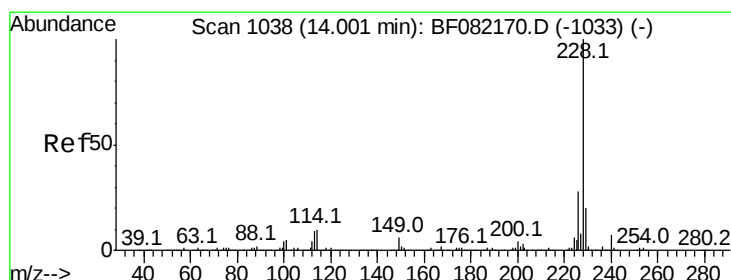
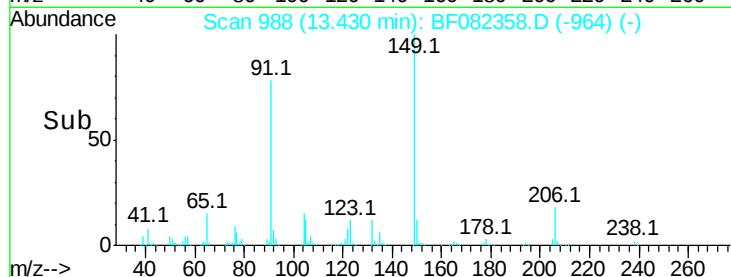
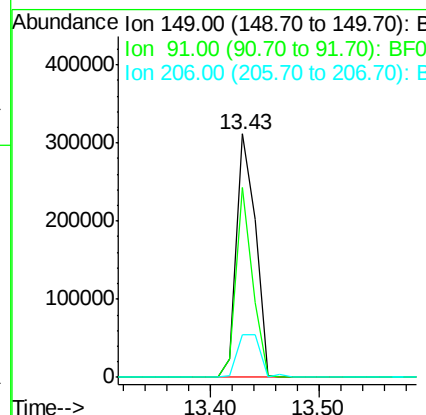
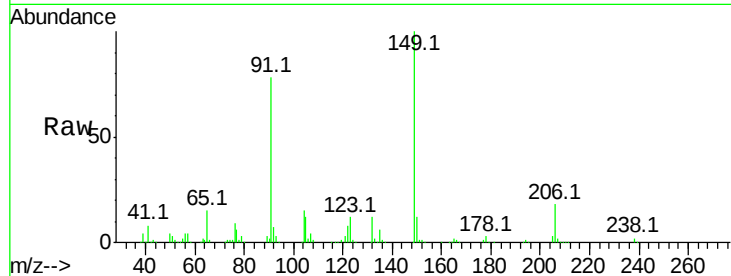
#79
Butylbenzylphthalate
Concen: 39.58 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	373385		
91	78.1		55.7	83.5
206	17.6		15.6	23.4

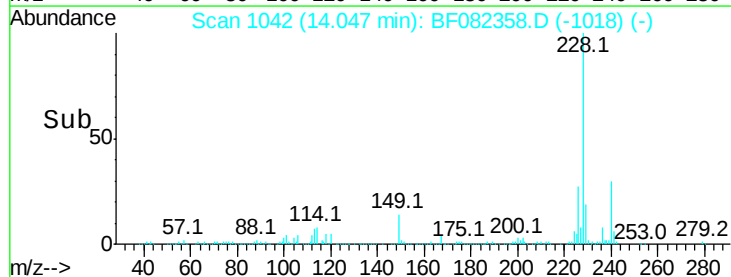
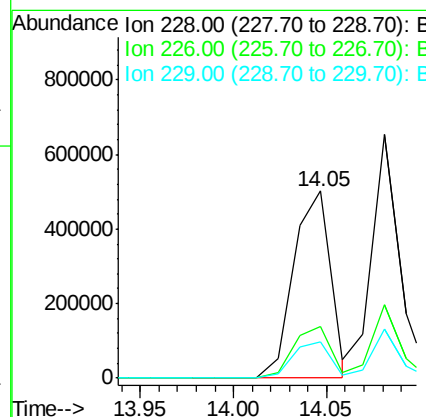
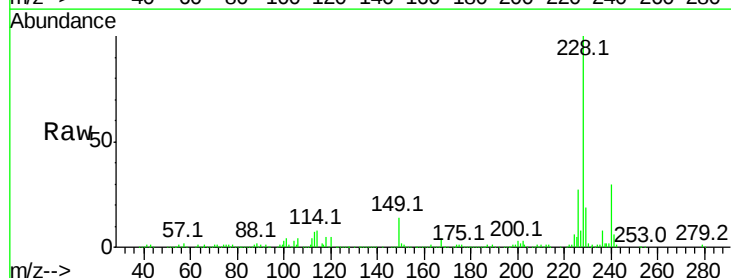
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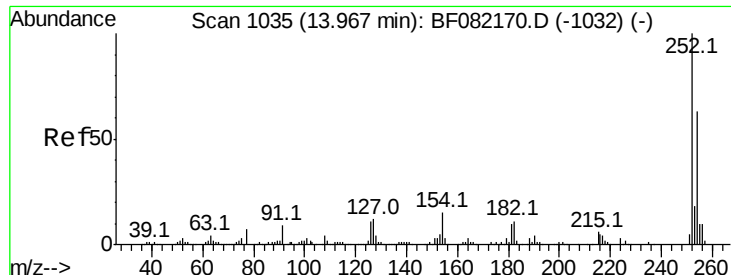
MMdadoda
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#80
Benzo(a)anthracene
Concen: 38.55 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	698571		
226	27.3		22.3	33.5
229	19.3		16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 23.44 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

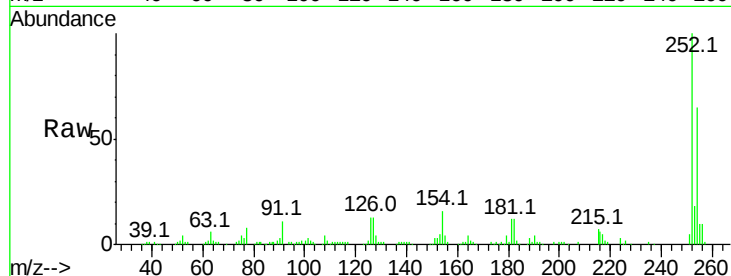
ClientSampleId :

PB86165BS

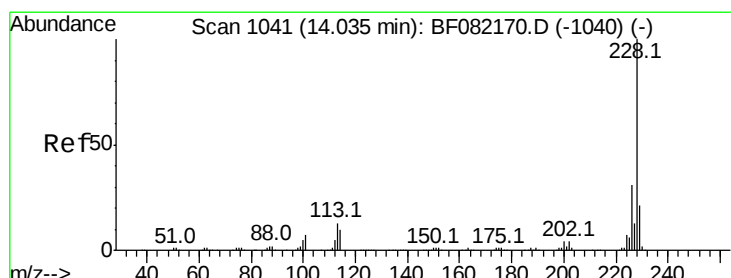
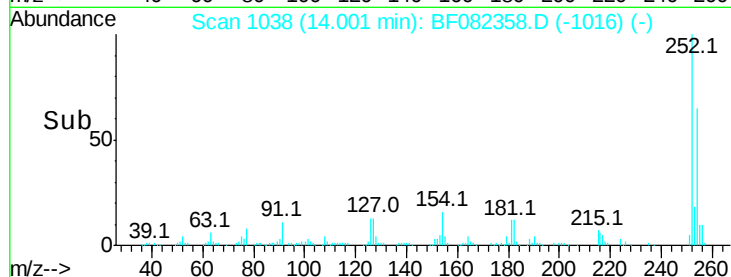
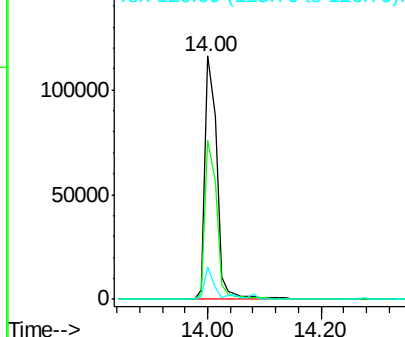
Tot Ion:	252	Resp:	161277
Ion Ratio	Lower	Upper	
252	100		
254	65.3	50.7	76.1
126	13.1	9.0	13.6

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



#82

Chrysene

Concen: 35.99 ng

RT: 14.08 min Scan# 1045

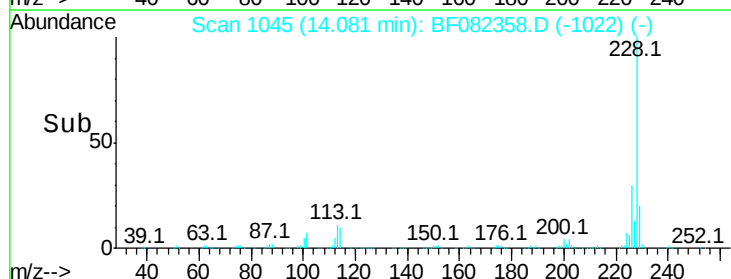
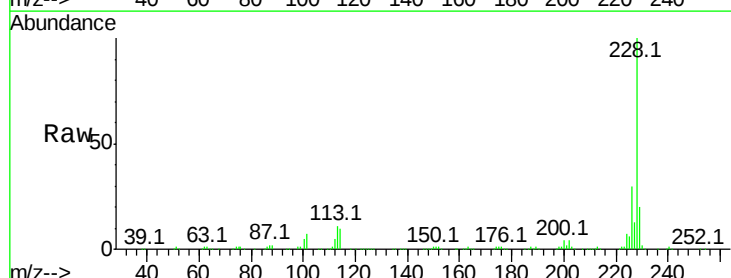
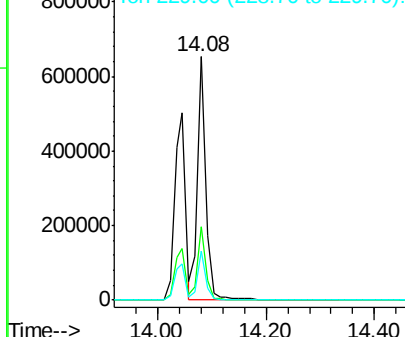
Delta R.T. -0.03 min

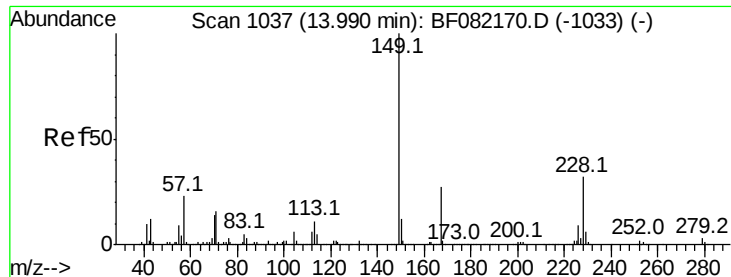
Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	228	Resp:	687219
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	20.2	16.3	24.5

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.99 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

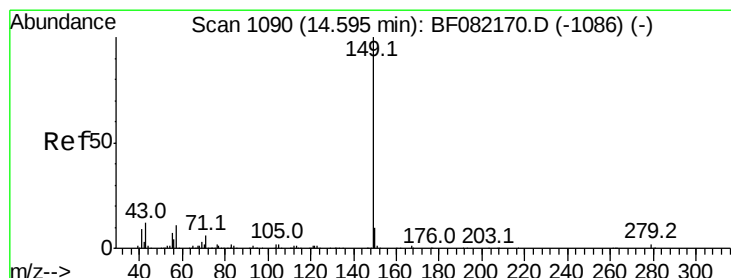
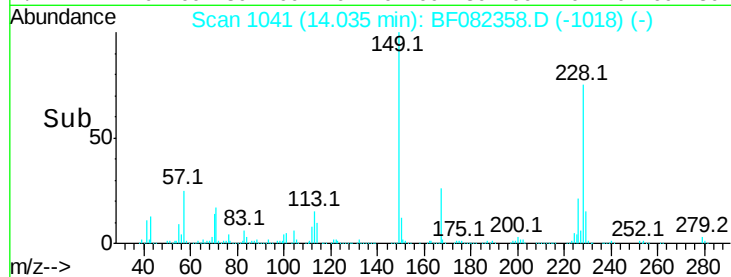
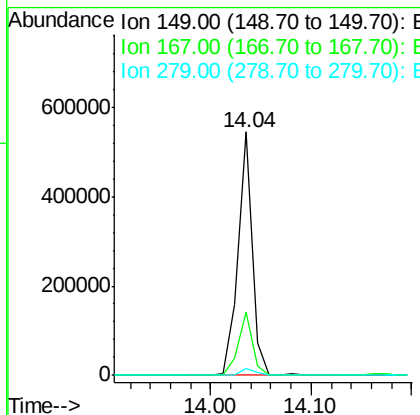
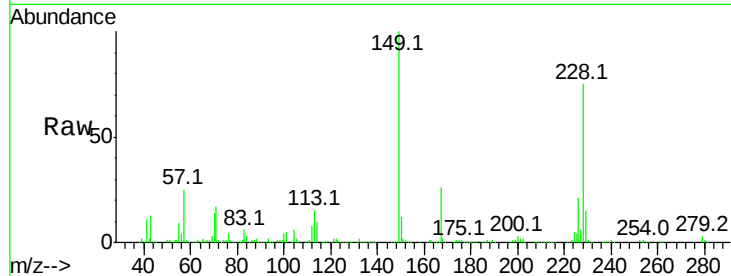
ClientSampleId :

PB86165BS

Tot Ion:	149	Resp:	538273
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	3.0	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 40.56 ng

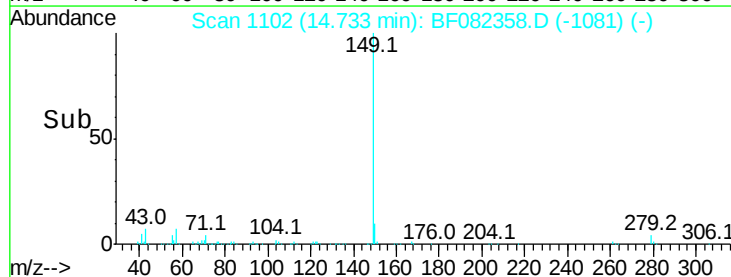
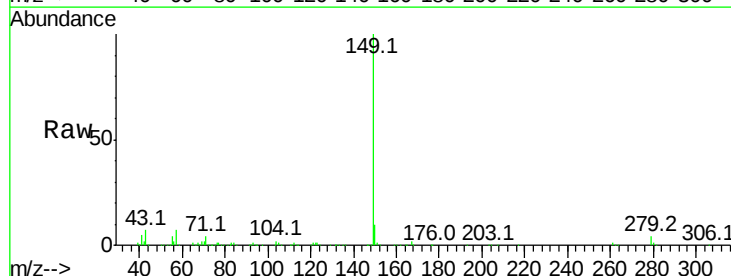
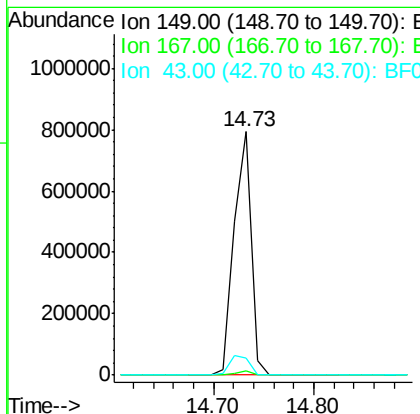
RT: 14.73 min Scan# 1102

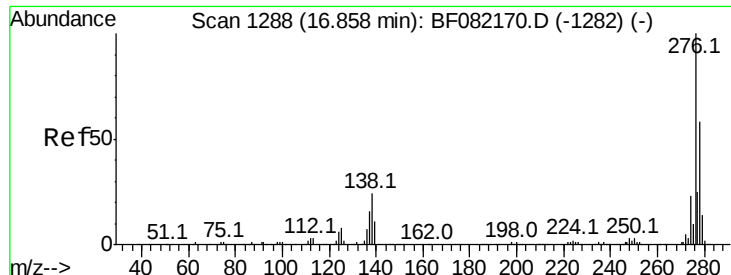
Delta R.T. -0.06 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	149	Resp:	937554
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	9.2	7.4	11.2





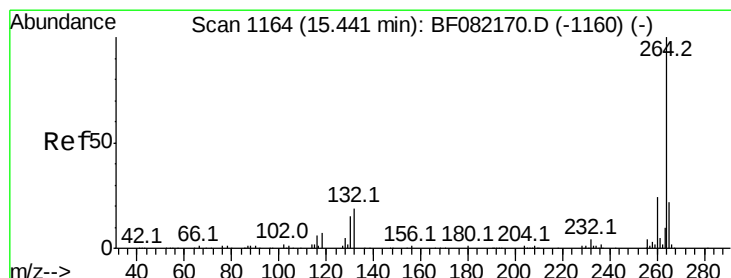
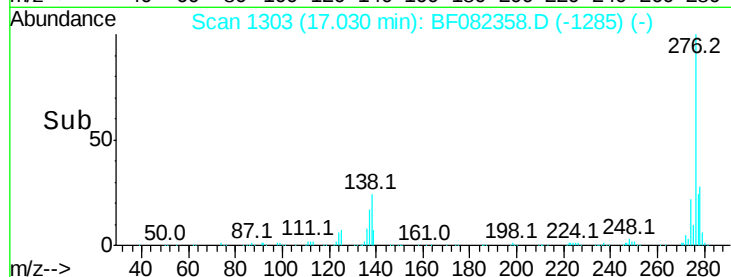
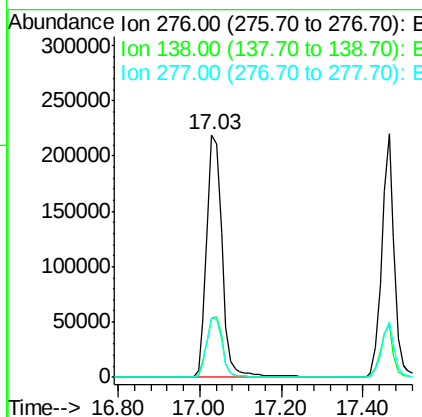
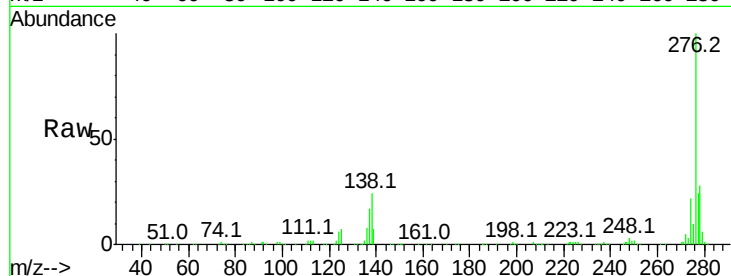
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 17.03 min Scan# 1303
Delta R.T. -0.09 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.7	29.5
277	24.7	20.1	30.1

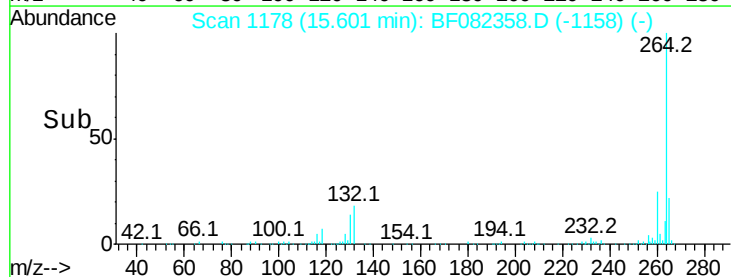
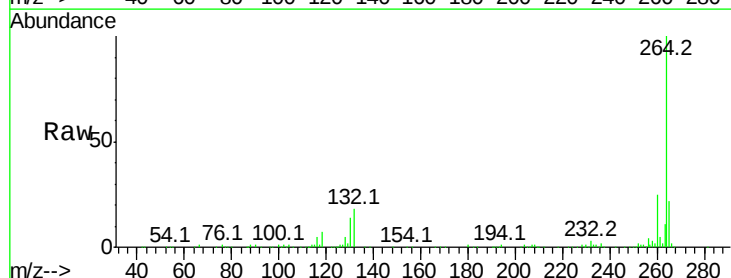
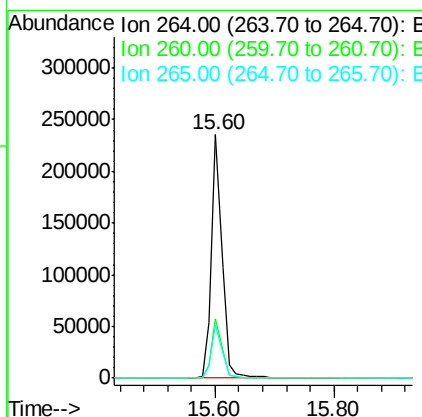
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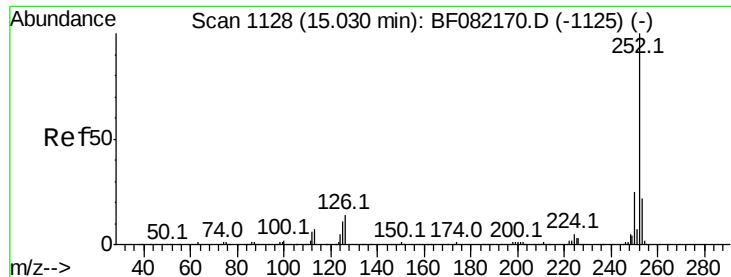
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1178
Delta R.T. -0.07 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 39.24 ng

RT: 15.19 min Scan# 1142

Delta R.T. -0.06 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

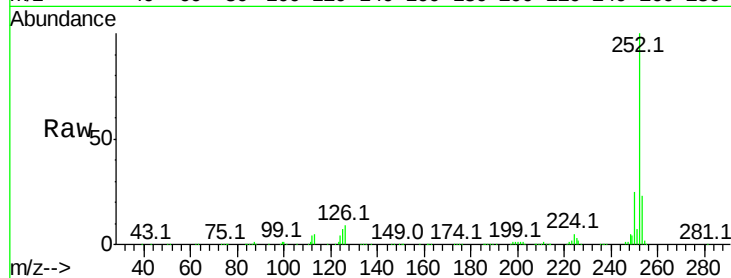
ClientSampleId :

PB86165BS

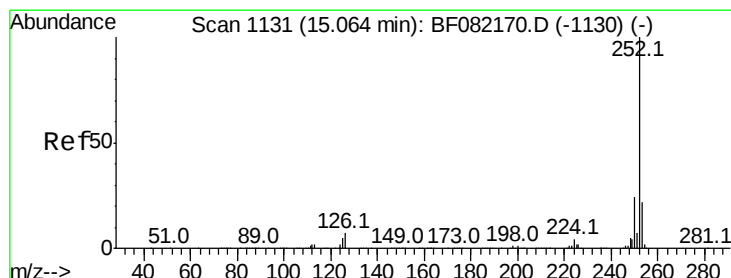
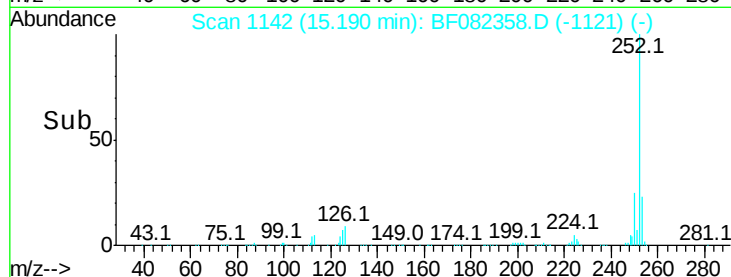
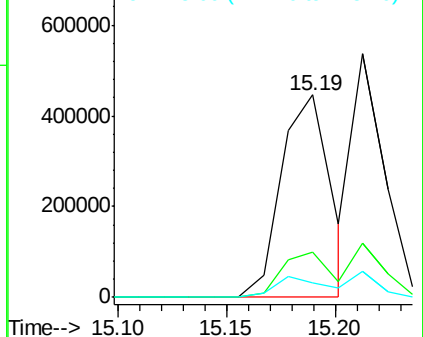
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	7.2	8.6	12.8#

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



#88

Benzo(k)fluoranthene

Concen: 37.96 ng m

RT: 15.21 min Scan# 1144

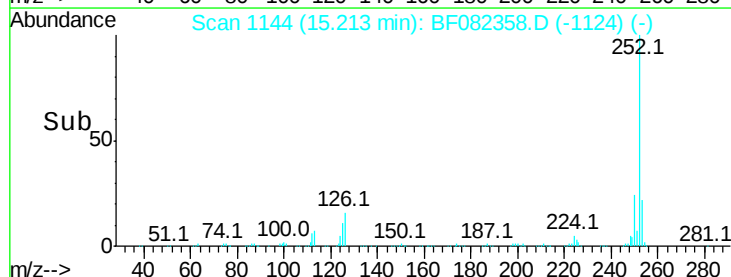
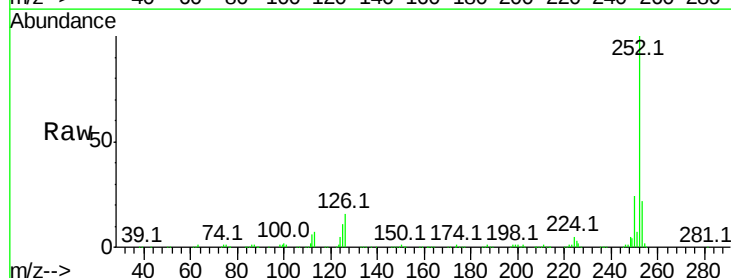
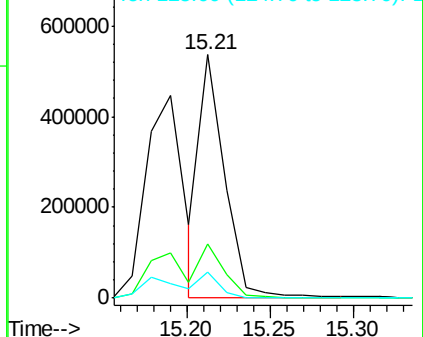
Delta R.T. -0.07 min

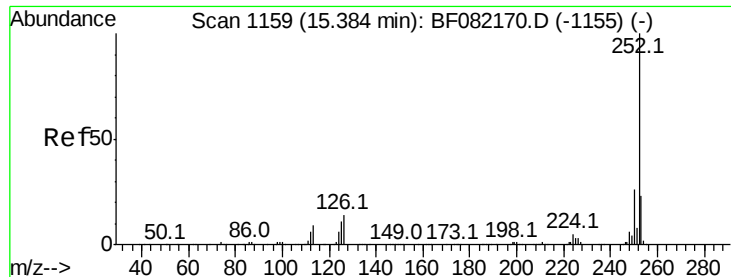
Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.8	6.7	10.1#

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





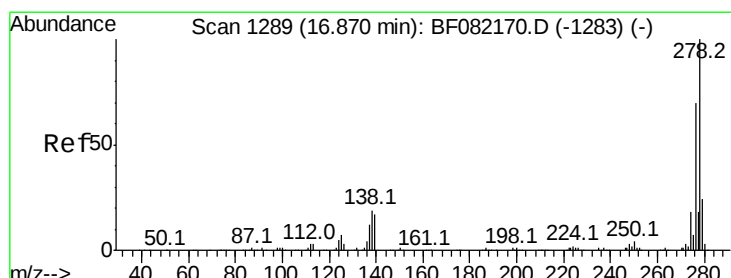
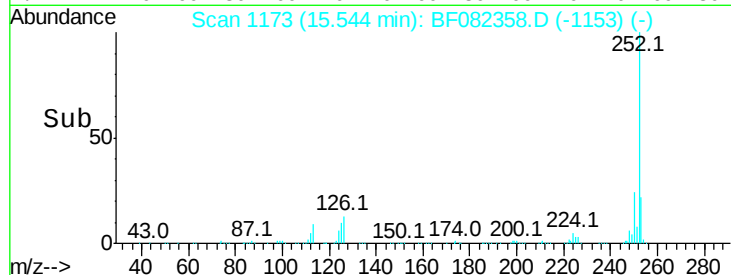
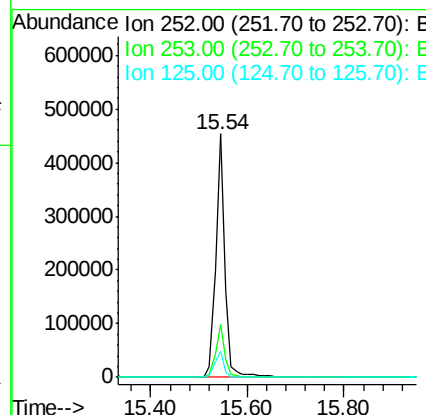
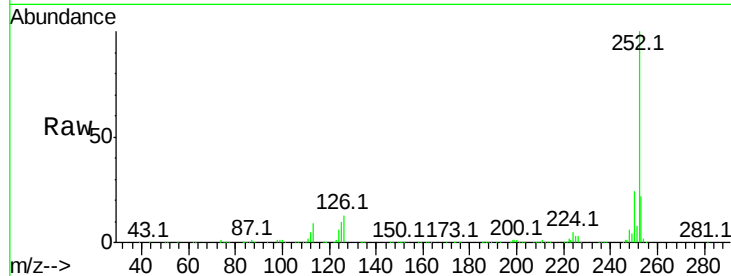
#89
Benzo(a)pyrene
Concen: 39.49 ng
RT: 15.54 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	10.5	8.9	13.3

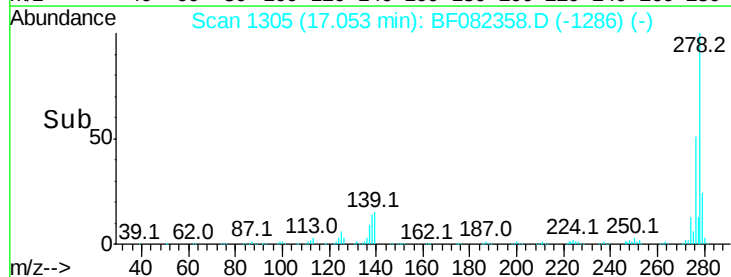
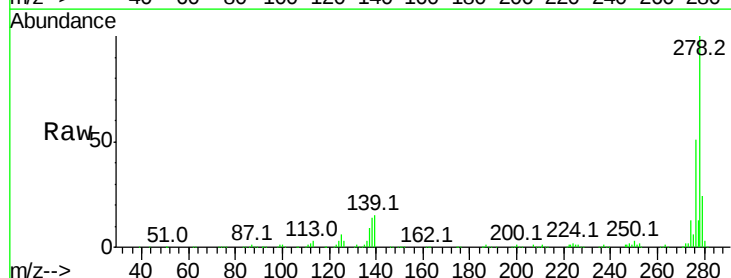
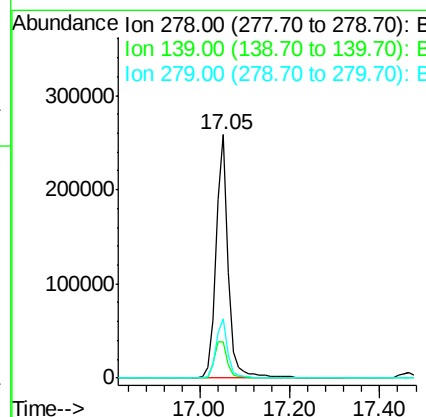
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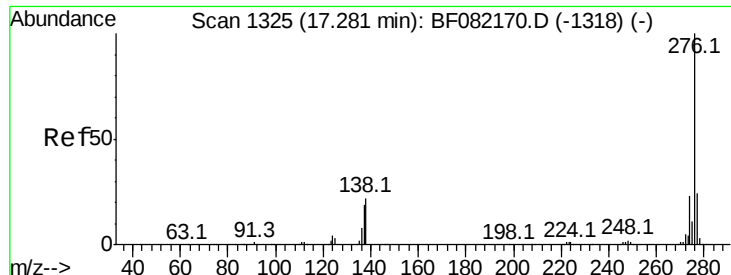
MMdadoda
10/20/2015 6:25:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.80 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.08 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.3	19.9
279	24.4	18.9	28.3





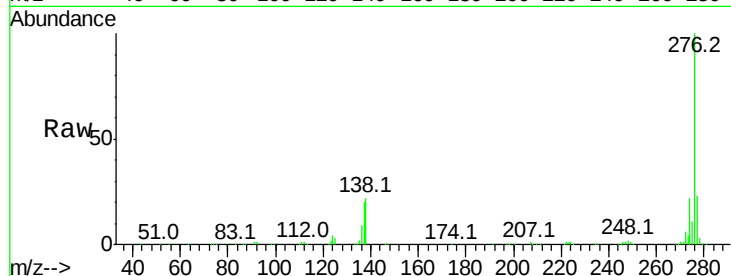
#91
 Benzo(a,h,i)perylene
 Concen: 39.03 ng
 RT: 17.46 min Scan# 1341
 Delta R.T. -0.08 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Tot Ion:	276	Resp:	477985
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	21.7	17.4	26.2

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

