

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082356.D
 Acq On : 19 Oct 2015 15:31
 Operator : UM/IZ
 Sample : PB86128BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:25:46 PM

Quant Time: Oct 20 02:17:48 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	95360	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	373563	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	196190	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	373812	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	341594	20.00	ng	0.00
86) Perylene-d12	15.69	264	269923	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	384145	81.30	ng	0.00
7) Phenol-d6	6.45	99	511048	83.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	464194	83.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	134803	73.27	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1010289	85.40	ng	0.00
78) Terphenyl-d14	12.95	244	967654	75.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	72013	30.33	ng	97
3) Pyridine	3.10	79	212455	38.48	ng	99
4) n-Nitrosodimethylamine	3.06	42	93893	40.10	ng	97
6) Aniline	6.47	93	263065	33.18	ng	97
8) 2-Chlorophenol	6.58	128	241192	41.81	ng	82
9) Benzaldehyde	6.34	77	118431	37.72	ng	91
10) Phenol	6.46	94	300818	42.43	ng	90
11) bis(2-Chloroethyl)ether	6.54	93	239044	39.87	ng	90
12) 1,3-Dichlorobenzene	6.74	146	276014m	41.09	ng	
13) 1,4-Dichlorobenzene	6.82	146	281652	40.15	ng	98
14) 1,2-Dichlorobenzene	6.97	146	271977	40.83	ng	96
15) Benzyl Alcohol	6.95	79	193817	45.66	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	330356	39.57	ng	97
17) 2-Methylphenol	7.07	107	201404	44.16	ng	98
18) Hexachloroethane	7.31	117	98905	41.19	ng	# 89
19) n-Nitroso-di-n-propylamine	7.22	70	161810	37.47	ng	# 87
20) 3+4-Methylphenols	7.22	107	239498	44.06	ng	92
22) Acetophenone	7.22	105	335503	45.40	ng	# 94
24) Nitrobenzene	7.39	77	250992	41.68	ng	98
25) Isophorone	7.63	82	476208	42.42	ng	99
26) 2-Nitrophenol	7.71	139	143408	47.70	ng	99
27) 2,4-Dimethylphenol	7.76	122	233273	48.16	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	303217	46.42	ng	99
29) 2,4-Dichlorophenol	7.95	162	222108	45.87	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	237528	42.56	ng	97
31) Naphthalene	8.11	128	681628	42.09	ng	99
32) Benzoic acid	7.89	122	128850	39.63	ng	98
33) 4-Chloroaniline	8.17	127	162214	24.12	ng	99
34) Hexachlorobutadiene	8.23	225	142502	40.98	ng	98
35) Caprolactam	8.55	113	65944	46.93	ng	# 71
36) 4-Chloro-3-methylphenol	8.66	107	230067	48.59	ng	98
37) 2-Methylnaphthalene	8.81	142	520417	46.36	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	237358	40.68	ng	98
40) Hexachlorocyclopentadiene	8.96	237	204645	70.42	ng	97

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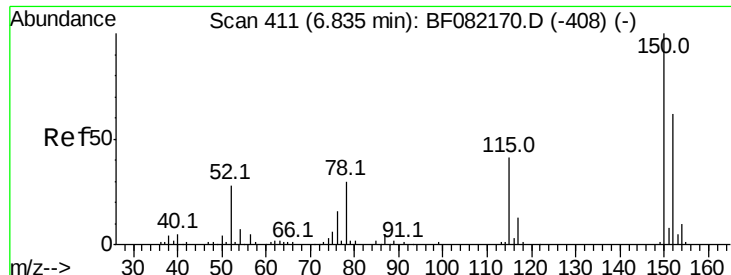
Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:25:46 PM

Quant Time: Oct 20 02:17:48 2015
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	168443	43.46	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	170889	40.70	nq	# 87
45) 1,1'-Biphenyl	9.28	154	648922	43.38	nq	95
46) 2-Chloronaphthalene	9.30	162	506042	42.97	nq	98
47) 2-Nitroaniline	9.41	65	153970	47.62	nq	# 80
48) Acenaphthylene	9.71	152	742318	40.46	nq	100
49) Dimethylphthalate	9.59	163	611893	44.29	nq	98
50) 2,6-Dinitrotoluene	9.65	165	121821	41.79	nq	# 77
51) Acenaphthene	9.89	154	442590	40.18	nq	99
52) 3-Nitroaniline	9.82	138	80257	24.37	nq	91
53) 2,4-Dinitrophenol	9.93	184	136783	83.65	nq	95
54) Dibenzofuran	10.06	168	649779	42.97	nq	95
55) 4-Nitrophenol	9.99	139	166851	75.16	nq	# 82
56) 2,4-Dinitrotoluene	10.06	165	182573	50.11	nq	95
57) Fluorene	10.40	166	510223	41.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	153350	44.70	nq	100
59) Diethylphthalate	10.29	149	611456	47.48	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	272140	47.84	nq	# 82
61) 4-Nitroaniline	10.43	138	131090	41.05	nq	93
62) Azobenzene	10.56	77	590175	46.83	nq	88
64) 4,6-Dinitro-2-methylphenol	10.47	198	92175	43.94	nq	82
65) n-Nitrosodiphenylamine	10.51	169	483129	43.17	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	162140	43.34	nq	# 82
67) Hexachlorobenzene	10.95	284	168797	41.72	nq	# 76
68) Atrazine	11.05	200	177423	50.04	nq	99
69) Pentachlorophenol	11.15	266	185475	89.09	nq	98
70) Phenanthrene	11.37	178	863297	47.12	nq	98
71) Anthracene	11.42	178	822081	43.54	nq	99
72) Carbazole	11.58	167	726562	42.18	nq	99
73) Di-n-butylphthalate	11.91	149	974195	45.85	nq	99
74) Fluoranthene	12.56	202	853124	43.35	nq	97
76) Benzidine	12.70	184	374352	37.82	nq	98
77) Pyrene	12.80	202	956233	47.17	nq	99
79) Butylbenzylphthalate	13.45	149	394684	42.66	nq	95
80) Benzo(a)anthracene	14.08	228	767221	43.17	nq	100
81) 3,3'-Dichlorobenzidine	14.05	252	187501	27.79	nq	# 97
82) Chrysene	14.12	228	706137	37.71	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	553508	41.94	nq	# 97
84) Di-n-octyl phthalate	14.79	149	946925	41.78	nq	99
85) Indeno(1,2,3-cd)pyrene	17.13	276	599388	40.27	nq	98
87) Benzo(b)fluoranthene	15.27	252	726302	44.23	nq	# 96
88) Benzo(k)fluoranthene	15.29	252	599892m	43.46	nq	
89) Benzo(a)pyrene	15.62	252	628552	44.54	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	508253	43.95	nq	97
91) Benzo(g,h,i)perylene	17.56	276	499327	44.44	nq	97

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



#1

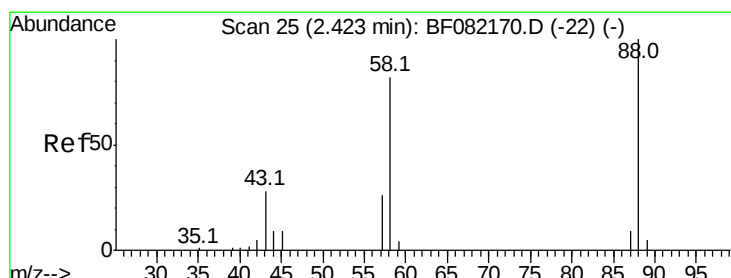
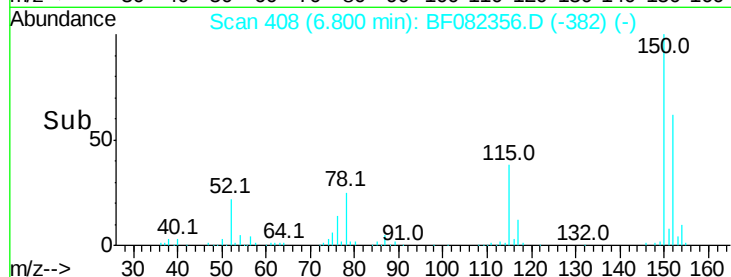
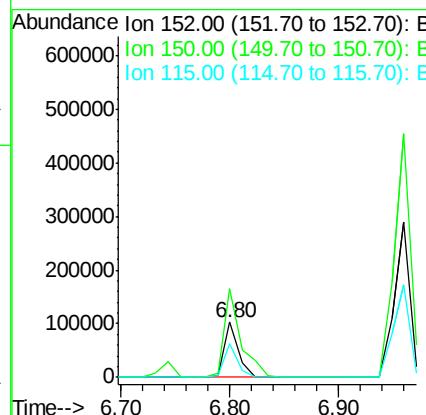
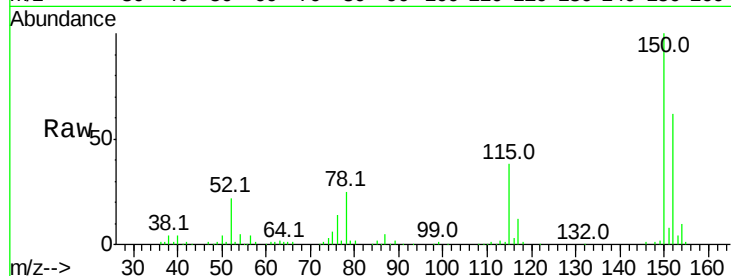
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	129.0	193.4
115	60.5	52.1	78.1

Manual Integrations
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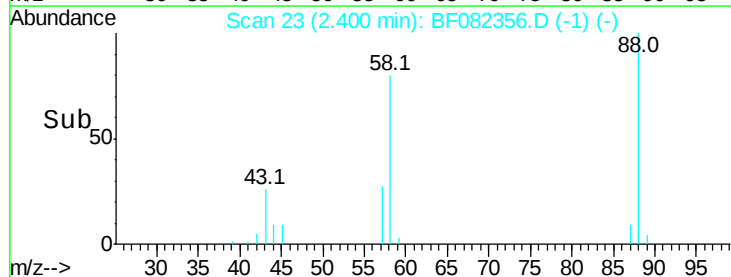
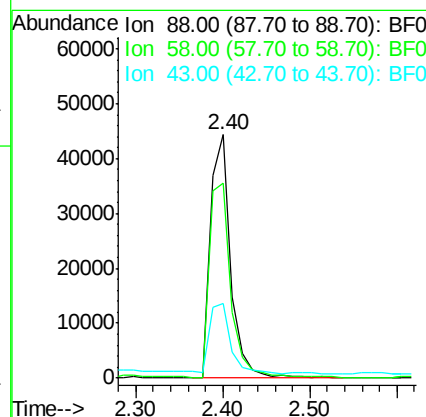
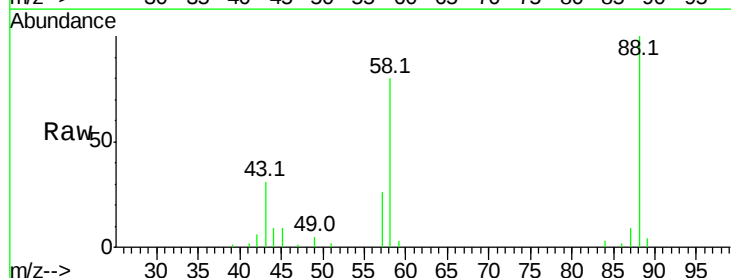
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10/20/2015 6:25:46 PM

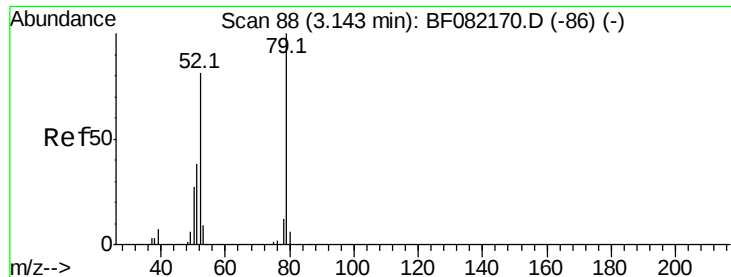


#2

1,4-Dioxane
Concen: 30.33 ng
RT: 2.40 min Scan# 23
Delta R.T. 0.06 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	66.2	99.4
43	30.9	23.0	34.4





#3

Pvridine

Concen: 38.48 ng

RT: 3.10 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

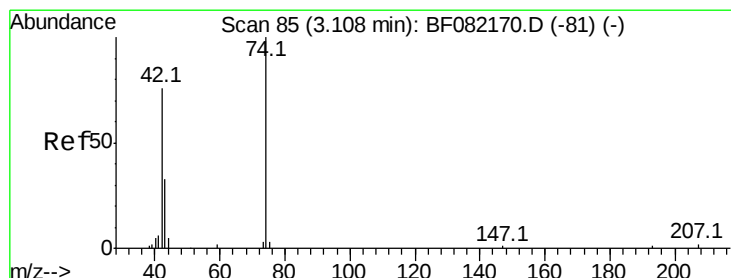
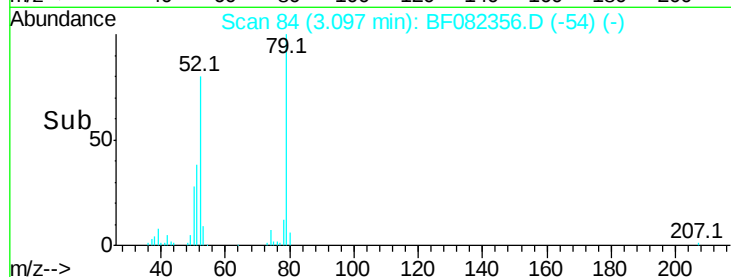
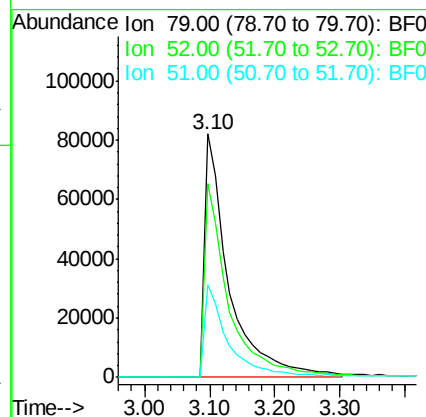
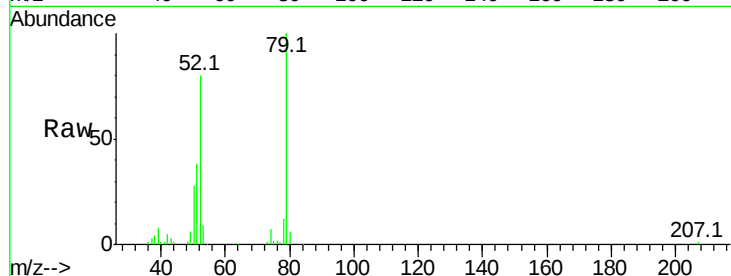
ClientSampleId :

PB86128BS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
79	100		
52	79.8	64.4	96.6
51	37.9	30.5	45.7



#4

n-Nitrosodimethylamine

Concen: 40.10 ng

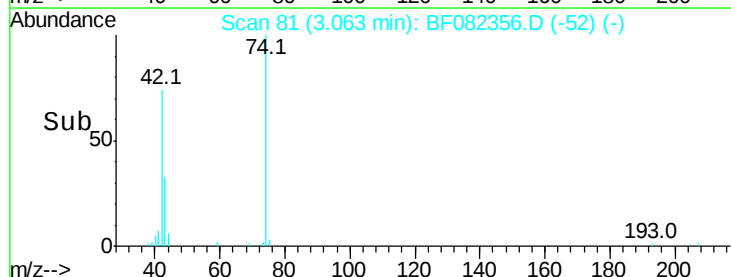
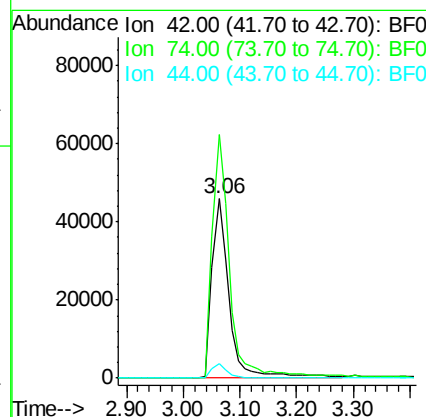
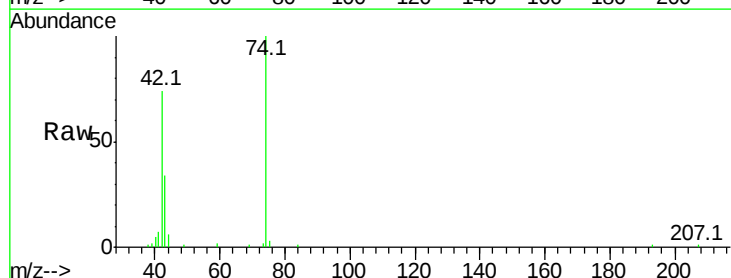
RT: 3.06 min Scan# 81

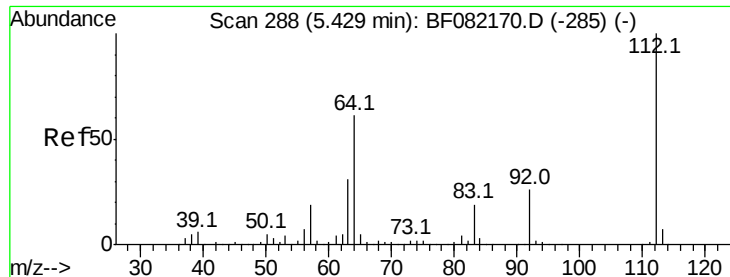
Delta R.T. 0.03 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.0	105.7	158.5
44	7.9	5.4	8.2





#5

2-Fluorophenol

Concen: 81.30 ng

RT: 5.39 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

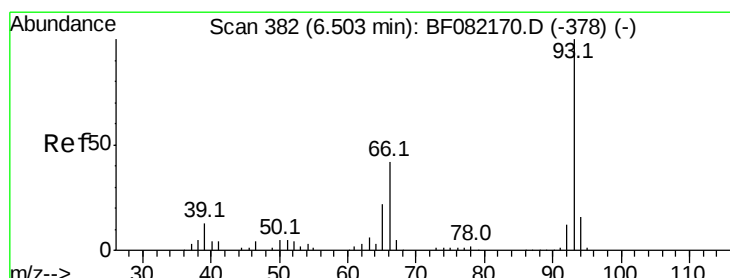
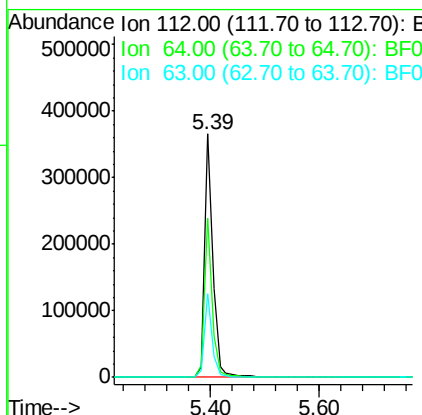
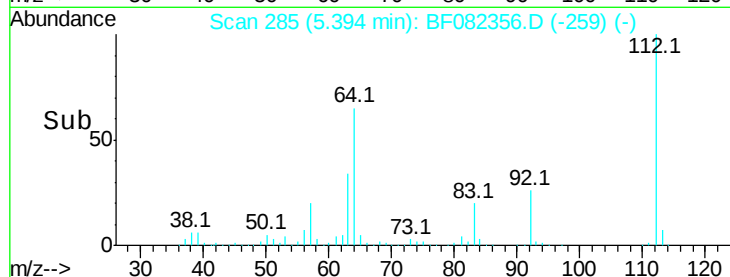
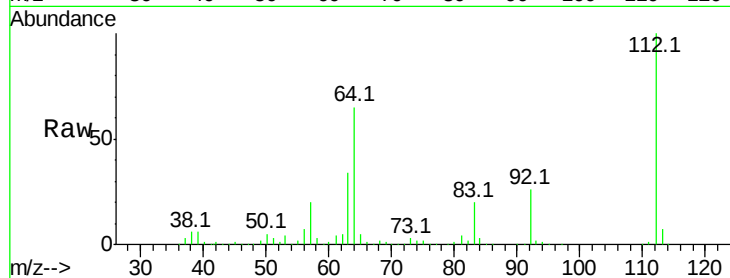
ClientSampleId :

PB86128BS

Tot Ion:	112	Resp:	384145
Ion Ratio	Lower	Upper	
112	100		
64	65.3	48.6	73.0
63	34.2	25.1	37.7

Manual Integrations
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#6

Aniline

Concen: 33.18 ng

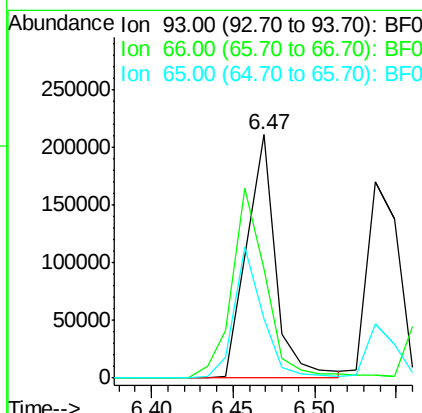
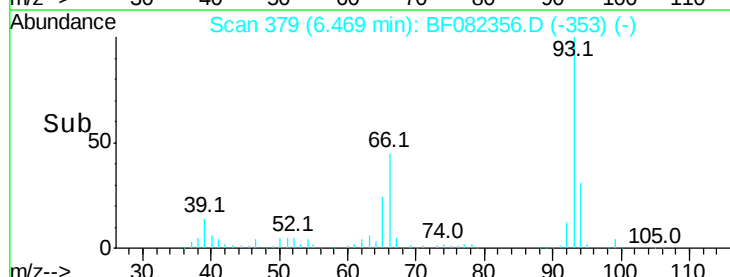
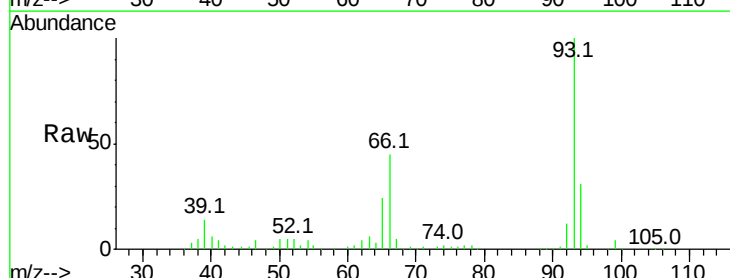
RT: 6.47 min Scan# 379

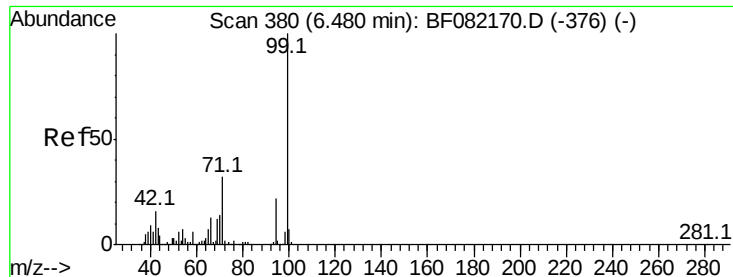
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:	93	Resp:	263065
Ion Ratio	Lower	Upper	
93	100		
66	44.9	34.2	51.2
65	24.1	17.9	26.9





#7

Phenol-d6

Concen: 83.11 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

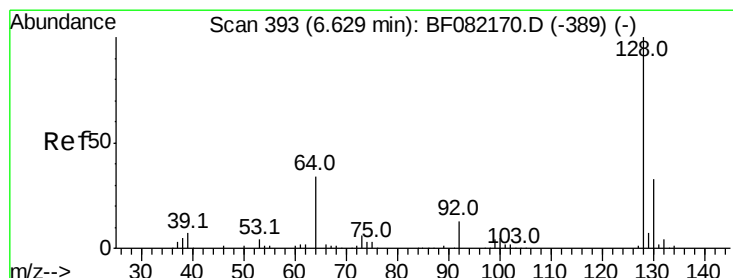
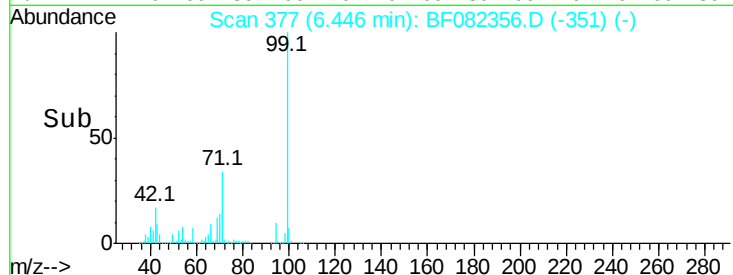
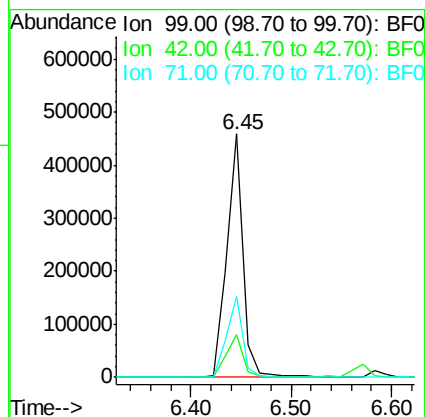
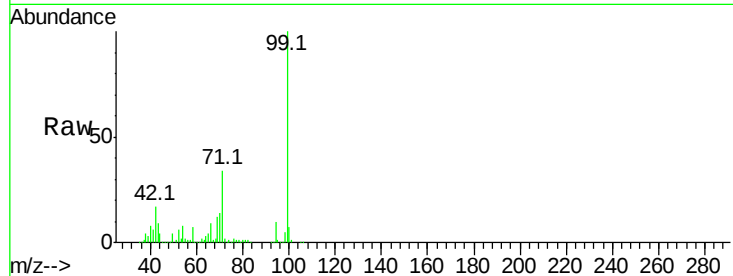
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Tot Ion:	99	Resp:	511048
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.2	19.8
71	33.5	25.6	38.4



#8

2-Chlorophenol

Concen: 41.81 ng

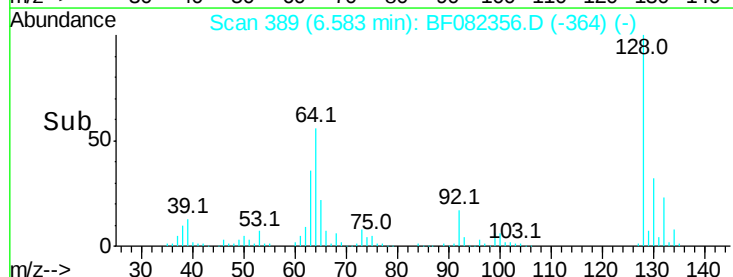
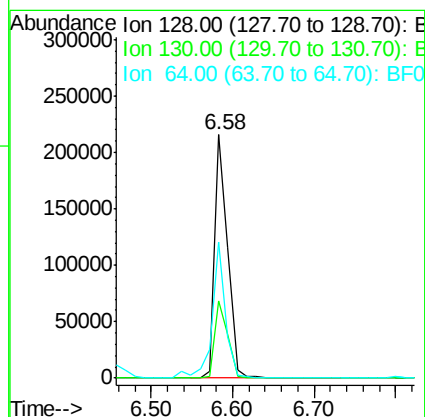
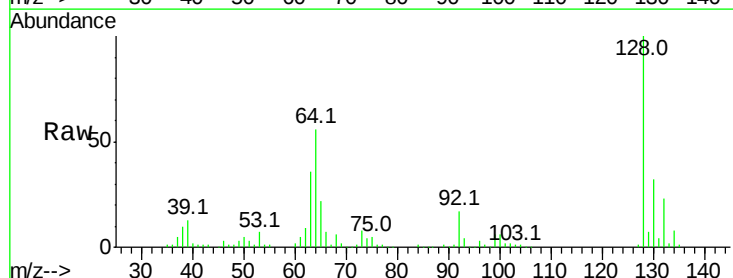
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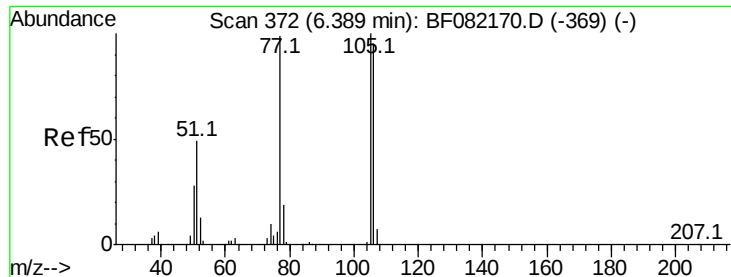
Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:	128	Resp:	241192
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.6	52.6
64	55.7	16.7	56.7





#9

Benzaldehyde

Concen: 37.72 ng

RT: 6.34 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

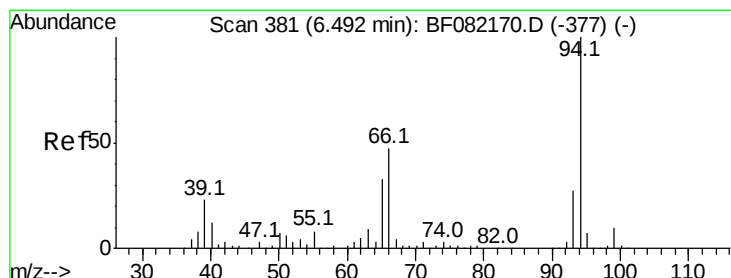
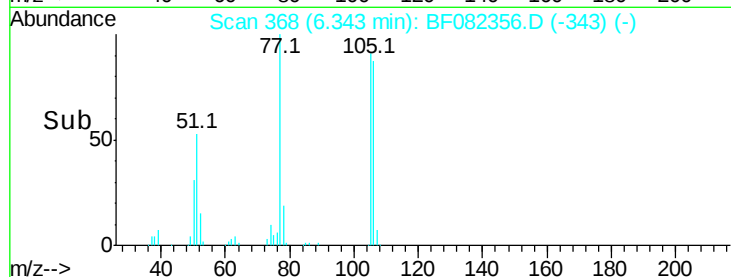
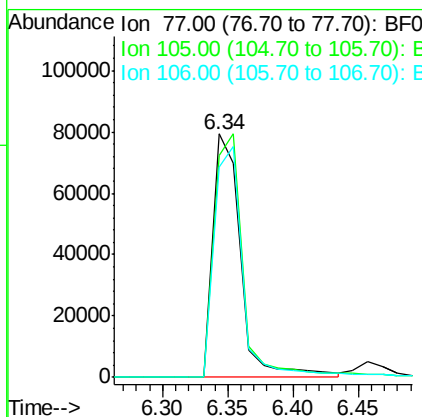
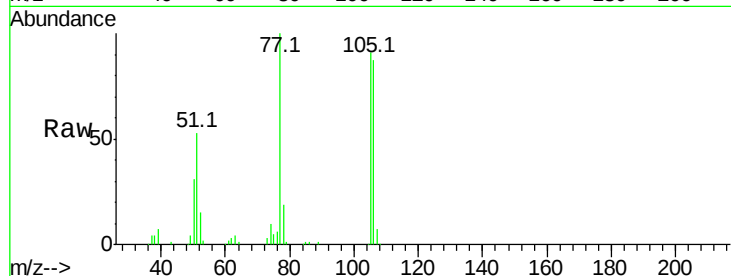
ClientSampleId :

PB86128BS

Manual Integrations
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10/20/2015 6:25:46 PM

Tot Ion:	77	Resp:	118431
Ion	Ratio	Lower	Upper
77	100		
105	91.3	80.6	120.6
106	86.6	75.5	115.5



#10

Phenol

Concen: 42.43 ng

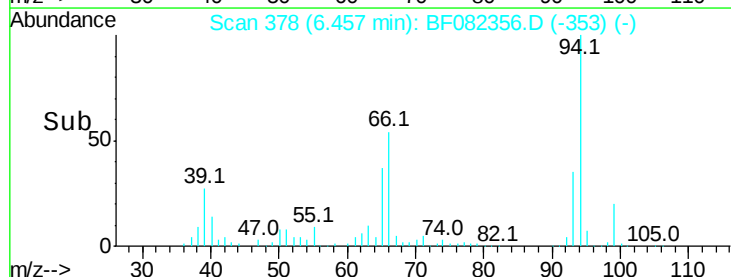
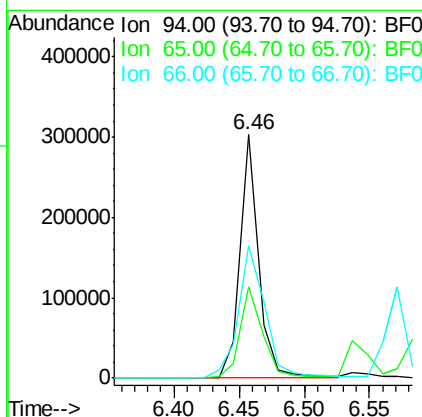
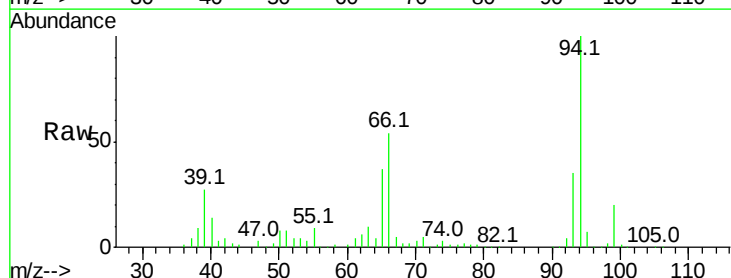
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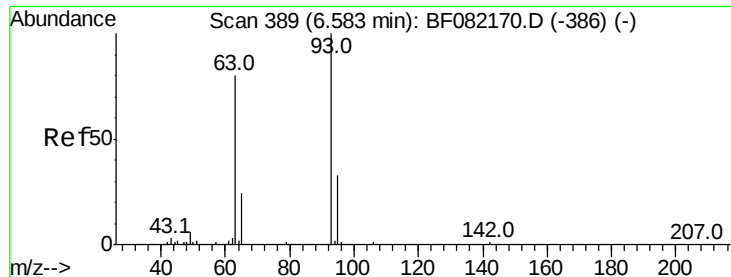
Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:	94	Resp:	300818
Ion	Ratio	Lower	Upper
94	100		
65	37.5	12.6	52.6
66	54.2	27.3	67.3





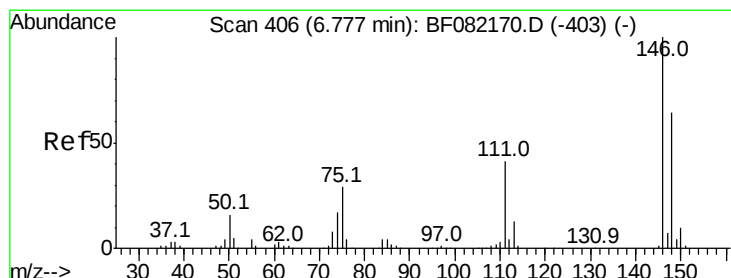
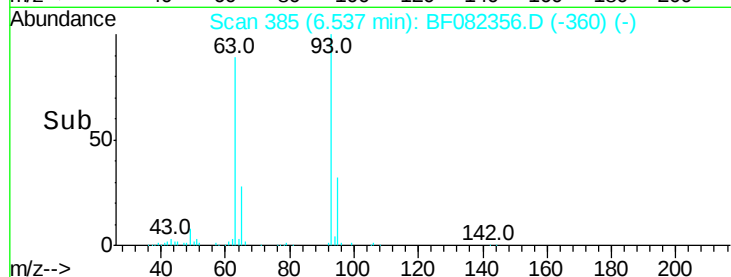
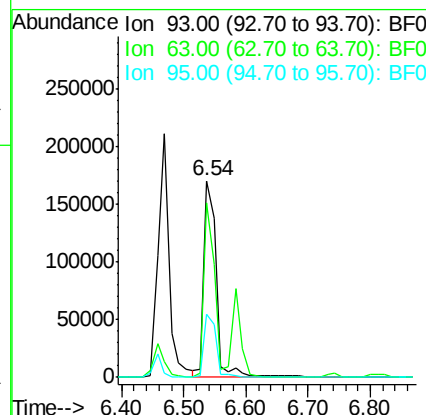
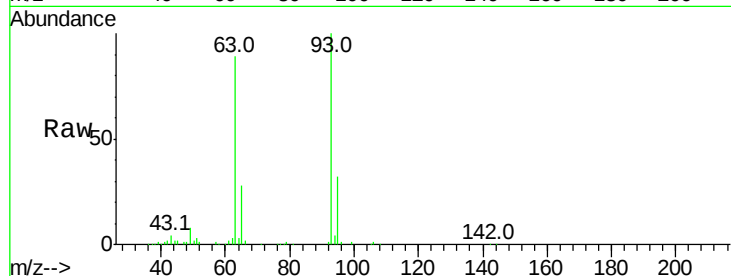
#11
bis(2-Chloroethyl)ether
Concen: 39.87 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.8	57.1	97.1
95	32.4	11.9	51.9

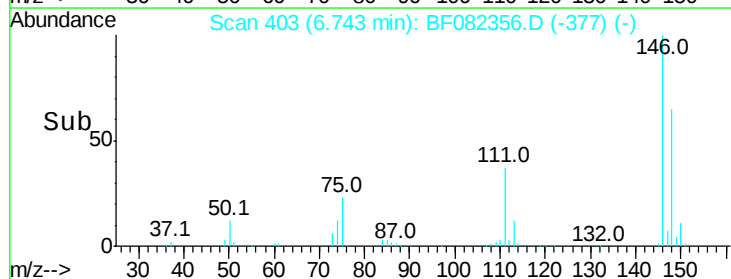
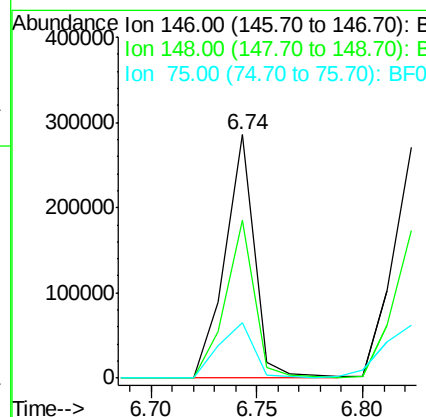
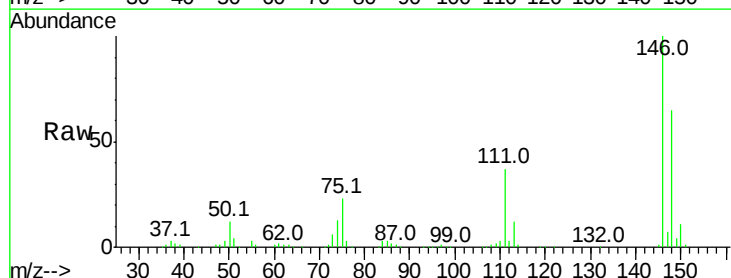
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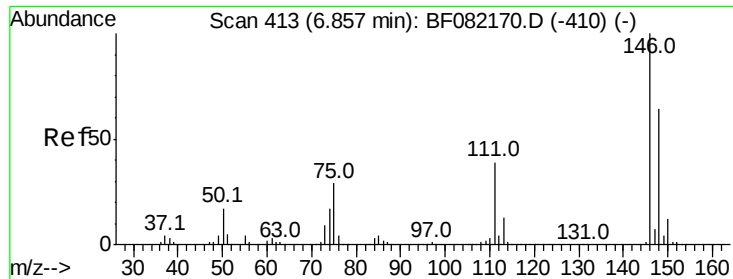
MMdadoda
10/20/2015 6:25:46 PM



#12
1,3-Dichlorobenzene
Concen: 41.09 ng m
RT: 6.74 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	23.0	23.0	34.6#





#13

1,4-Dichlorobenzene

Concen: 40.15 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

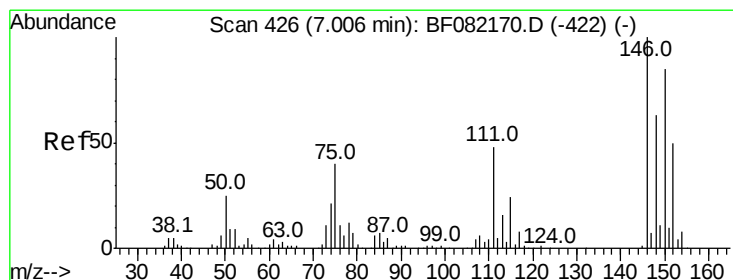
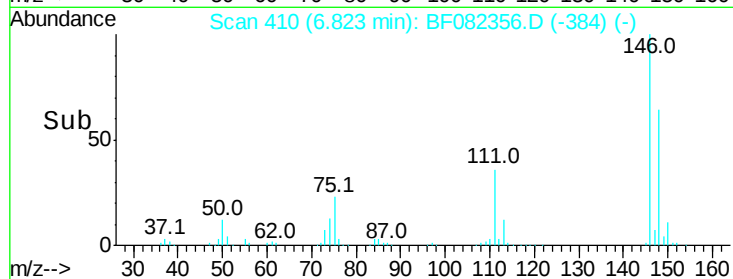
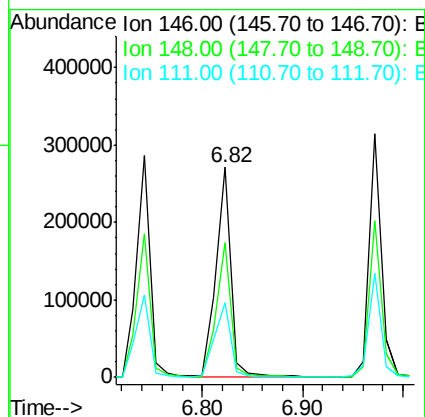
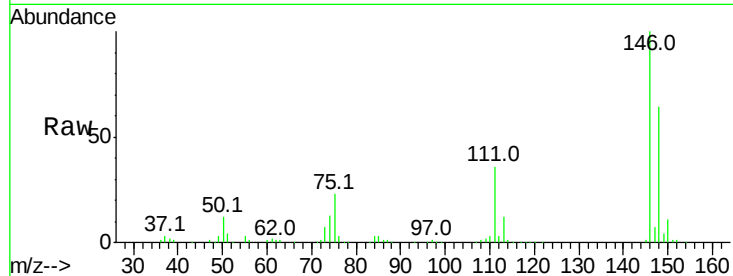
ClientSampleId :

PB86128BS

Tot Ion:	146	Resp:	281652
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.0	76.4
111	35.7	31.1	46.7

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.83 ng

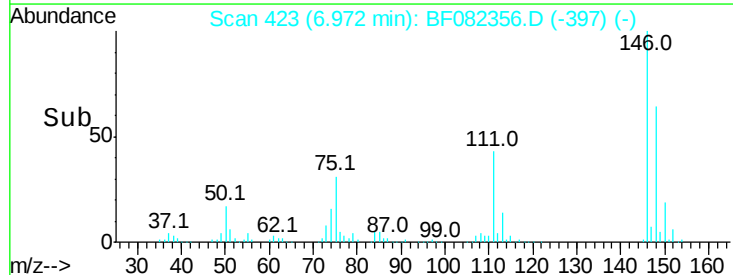
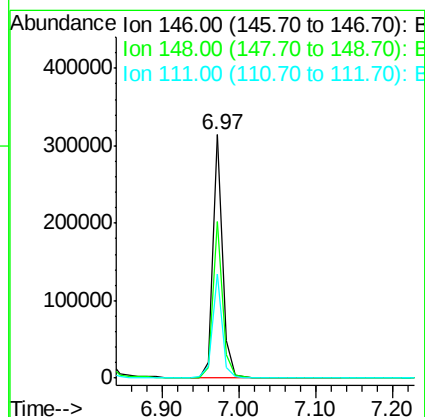
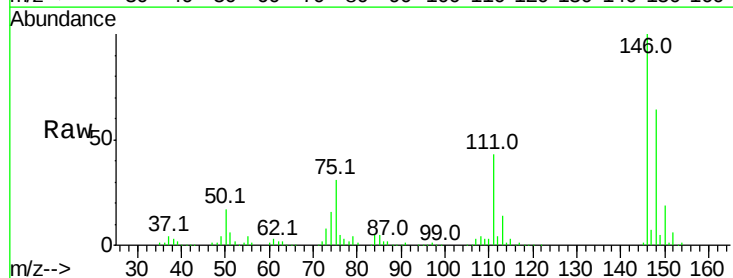
RT: 6.97 min Scan# 423

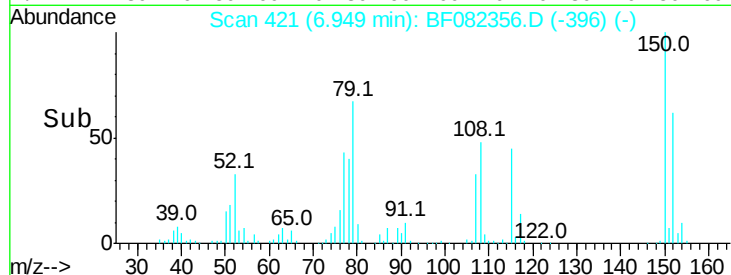
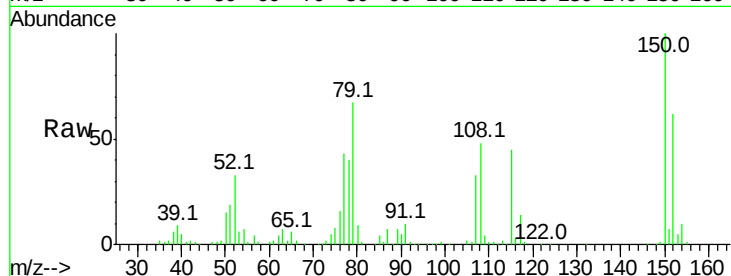
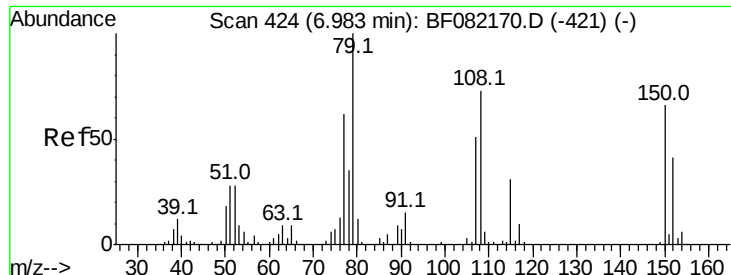
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:	146	Resp:	271977
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.5	75.7
111	42.9	38.5	57.7





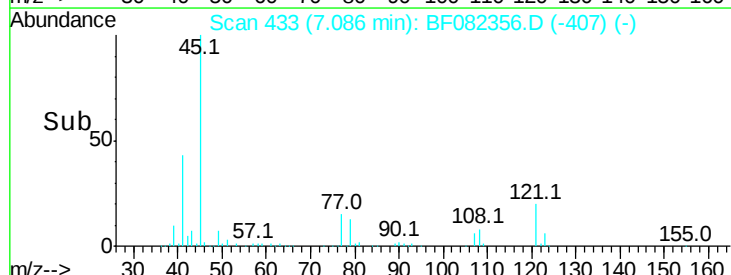
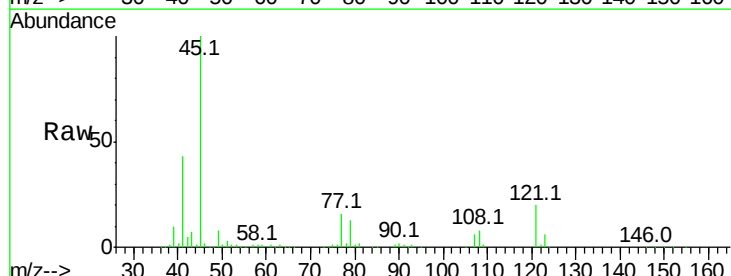
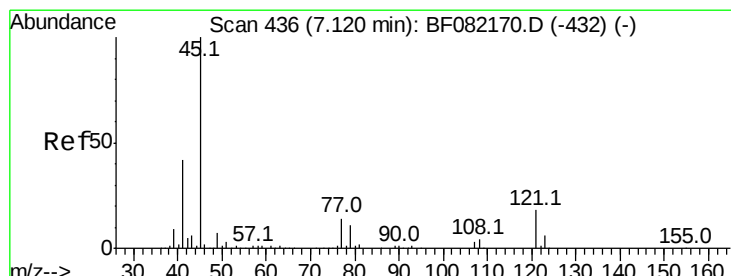
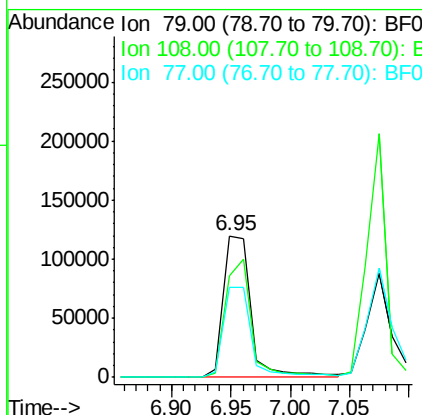
#15
Benzyl Alcohol
Concen: 45.66 ng
RT: 6.95 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tot Ion	Ratio	Resp	Lower	Upper
79	100	193817		
108	71.6	58.4	87.6	
77	63.6	49.8	74.6	

Instrument :
BNA_F
ClientSampleId :
PB86128BS

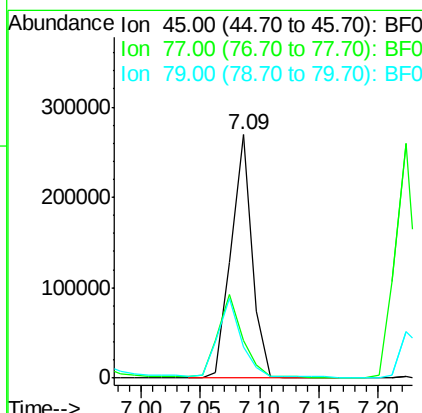
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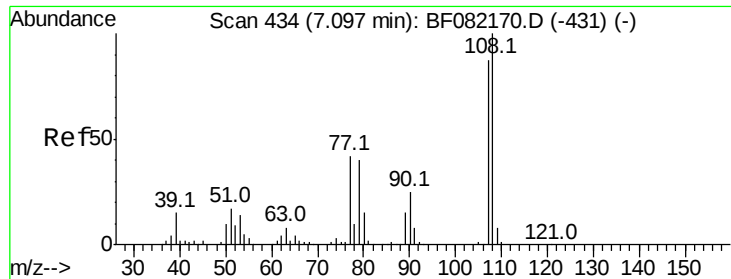
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.57 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	330356		
77	15.7	0.0	34.5	
79	12.9	0.0	31.6	





#17

2-Methylphenol

Concen: 44.16 ng

RT: 7.07 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

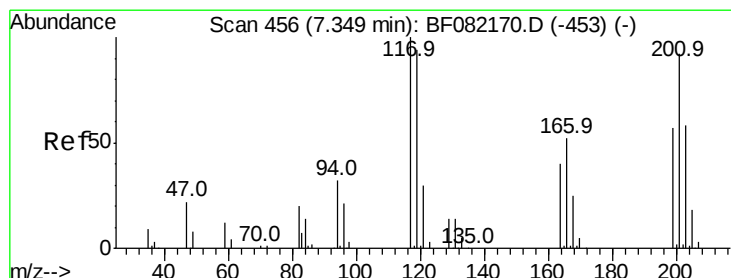
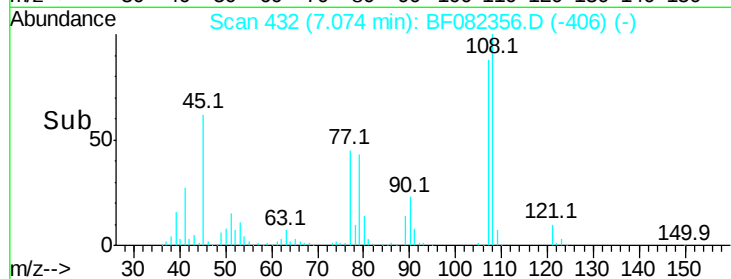
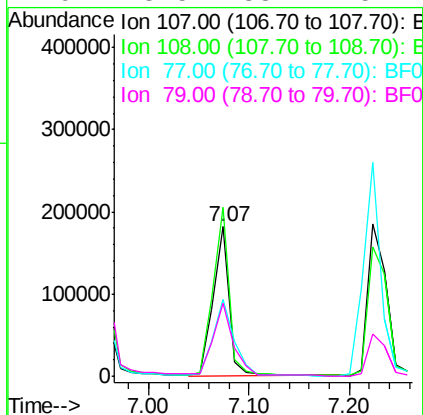
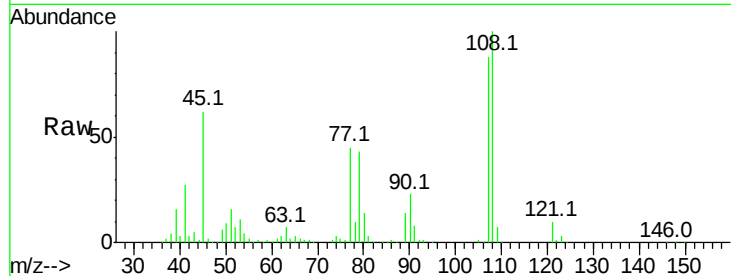
ClientSampled :

PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	92.2	138.2	
77	51.0	39.6	59.4	
79	48.5	38.2	57.4	

Manual Integrations
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#18

Hexachloroethane

Concen: 41.19 ng

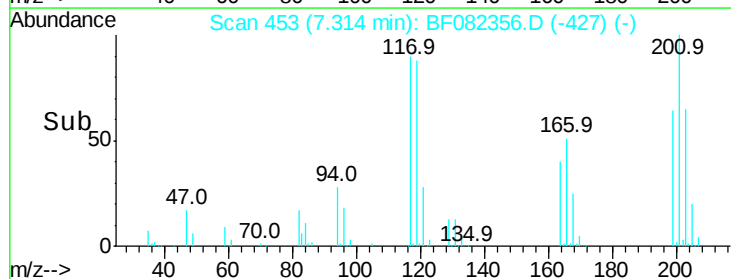
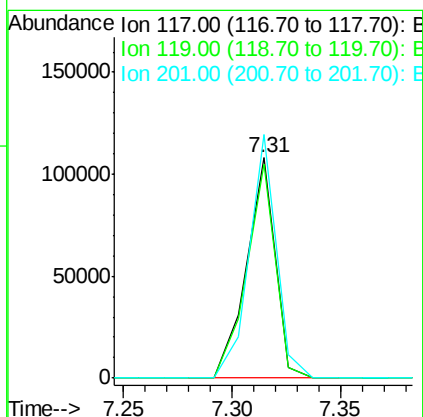
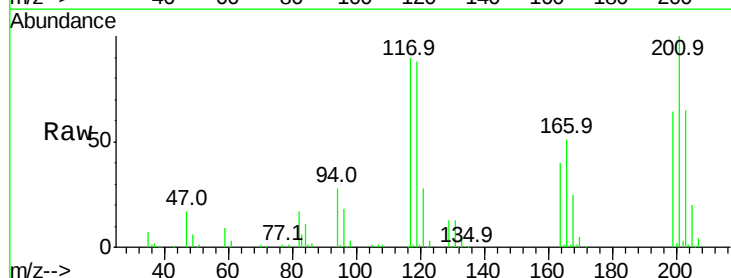
RT: 7.31 min Scan# 453

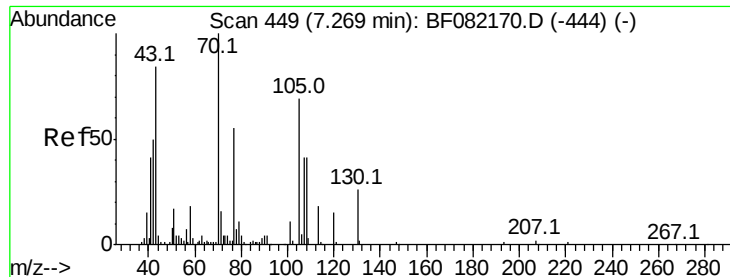
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	75.4	113.2	
201	110.5	73.4	110.0	





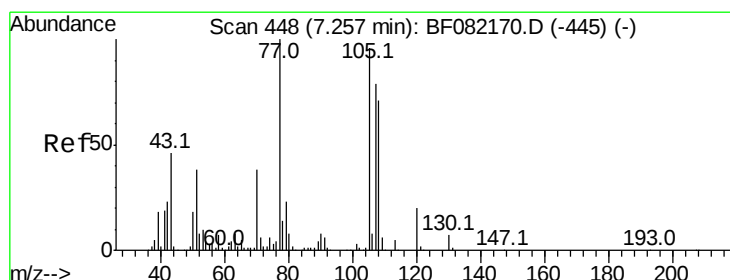
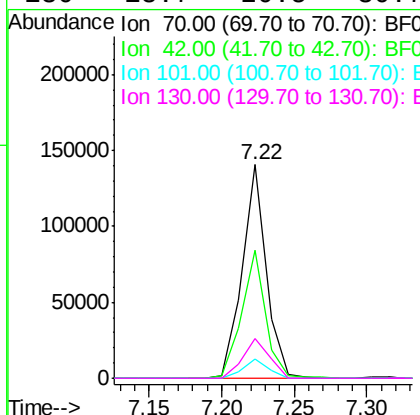
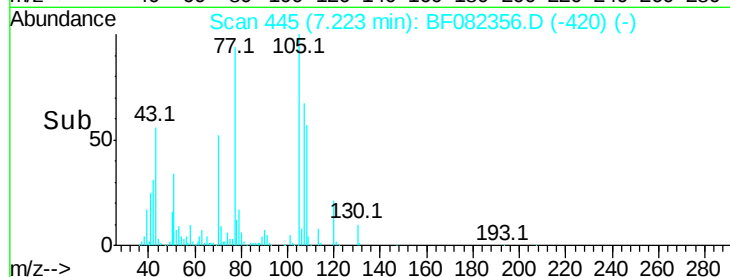
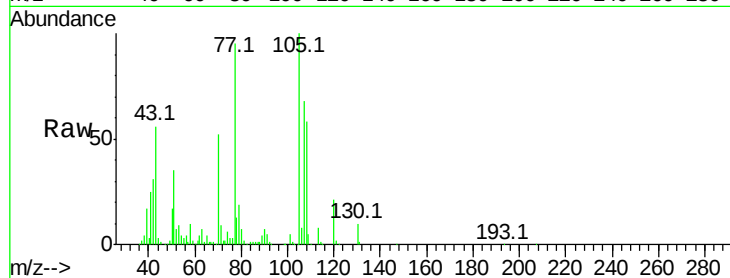
#19
n-Nitroso-di-n-propylamine
Concen: 37.47 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.8	39.8	59.8#
101	8.8	8.6	13.0
130	18.7	20.5	30.7#

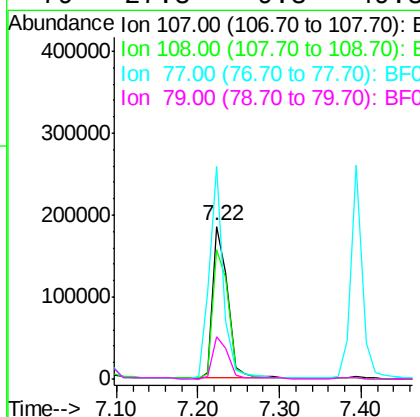
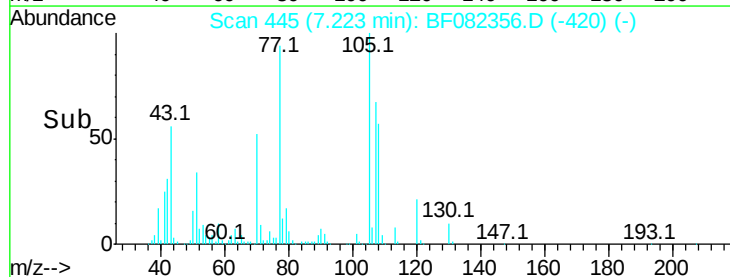
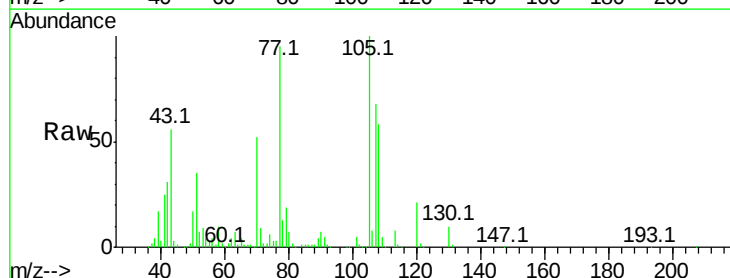
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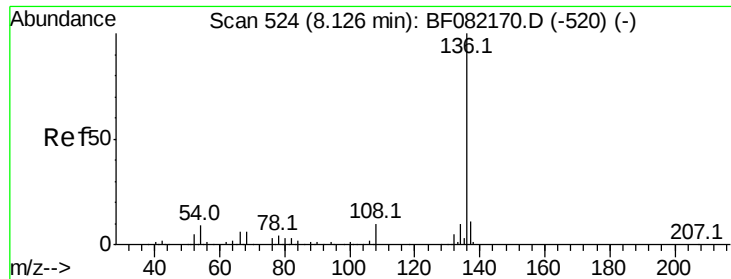
MMdadoda
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#20
3+4-Methylphenols
Concen: 44.06 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.9	69.9	109.9
77	139.6	106.0	146.0
79	27.8	9.8	49.8





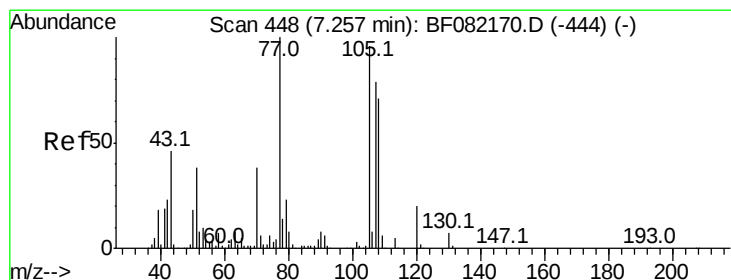
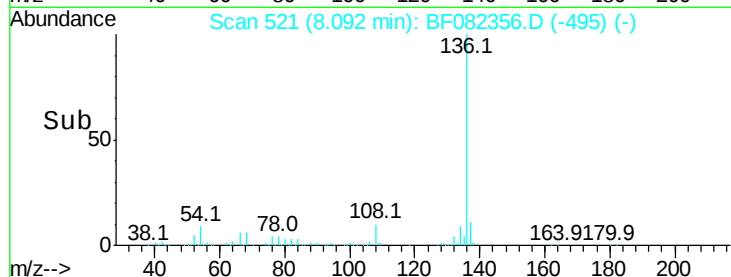
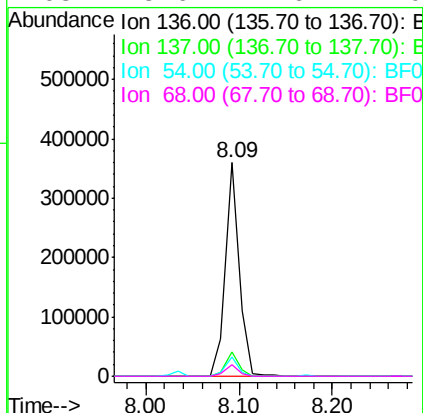
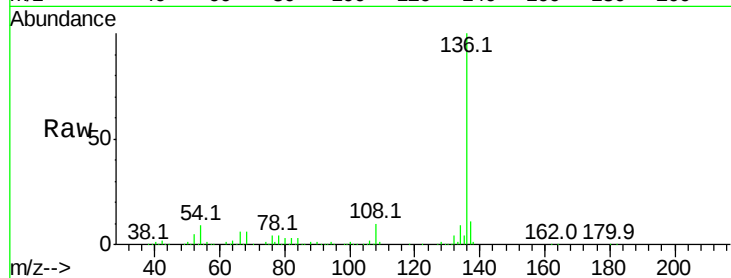
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.6	
54	9.1	7.5	11.3	
68	5.6	4.6	7.0	

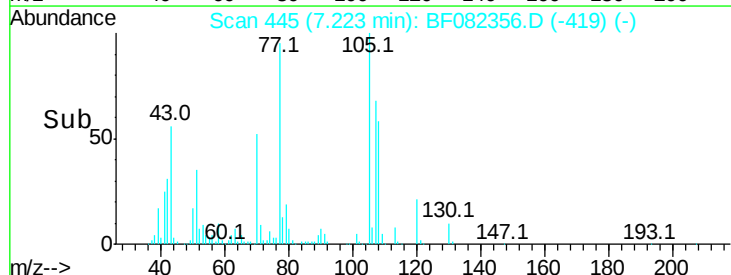
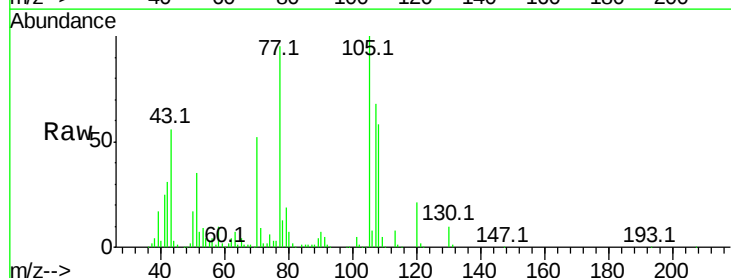
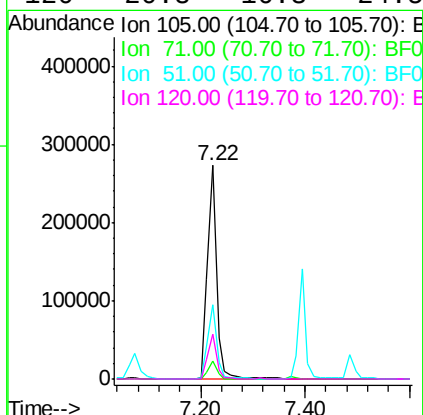
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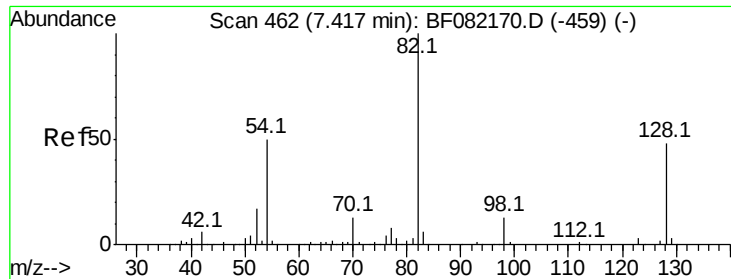
MMdadoda
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#22
Acetophenone
Concen: 45.40 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	5.4	8.0#	
51	34.8	31.8	47.6	
120	20.8	16.3	24.5	





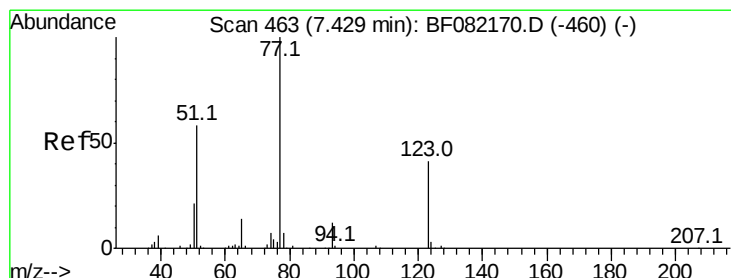
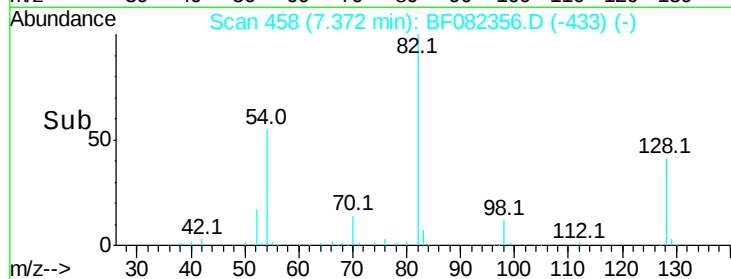
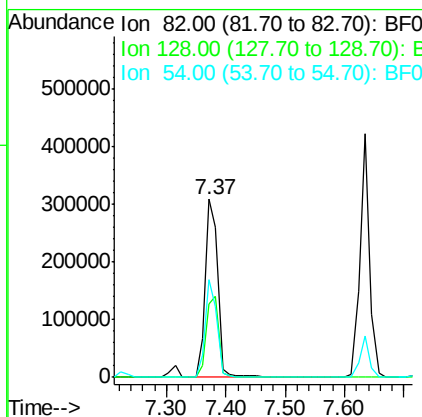
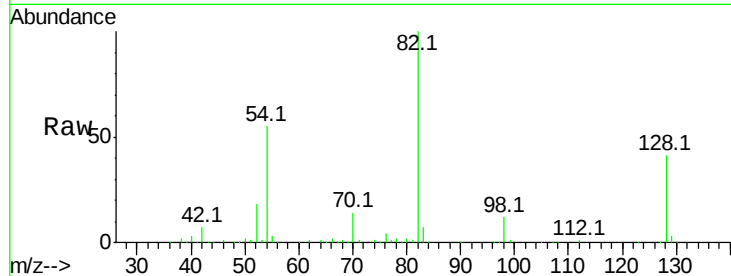
#23
Nitrobenzene-d5
Concen: 83.45 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampled :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	464194		
128	41.2	38.7	58.1	
54	55.0	40.1	60.1	

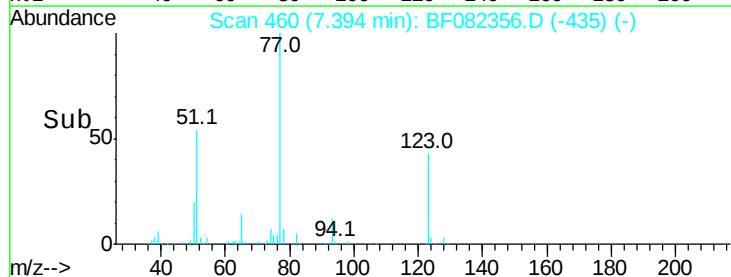
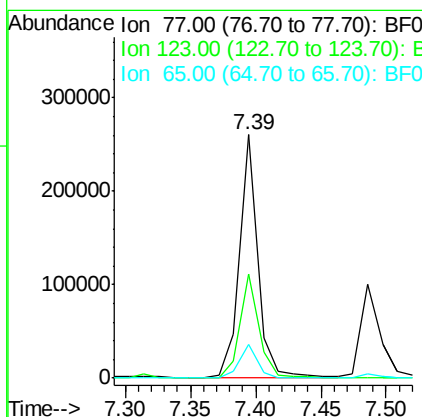
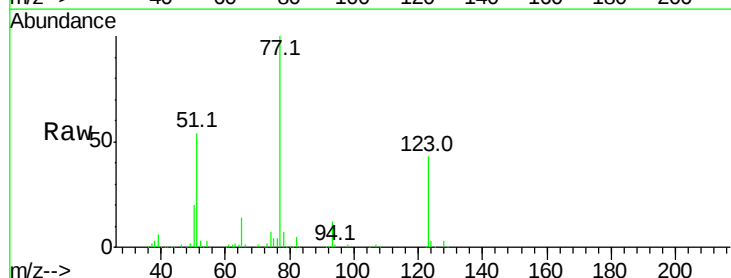
Manual Integrations
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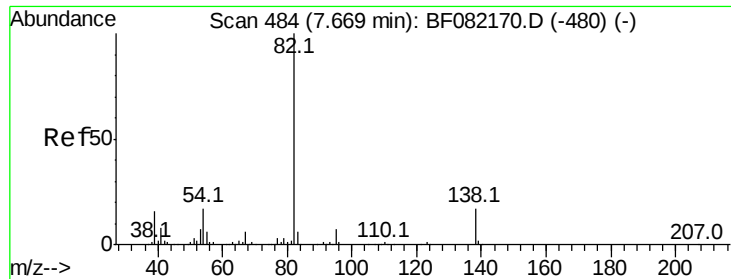
MMdadoda
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#24
Nitrobenzene
Concen: 41.68 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	250992		
123	42.6	33.0	49.4	
65	13.9	11.2	16.8	





#25

Isophorone

Concen: 42.42 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

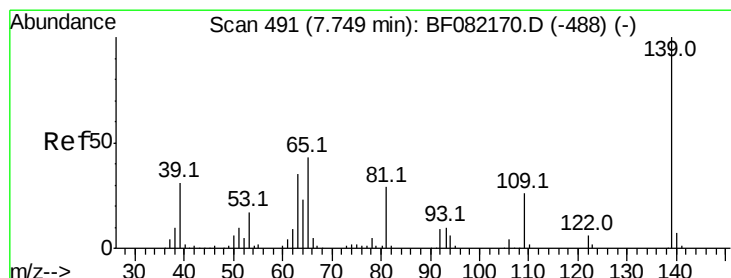
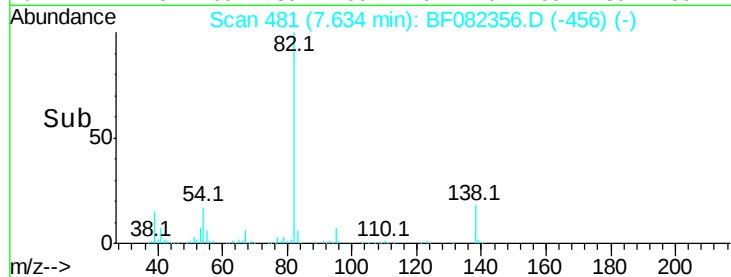
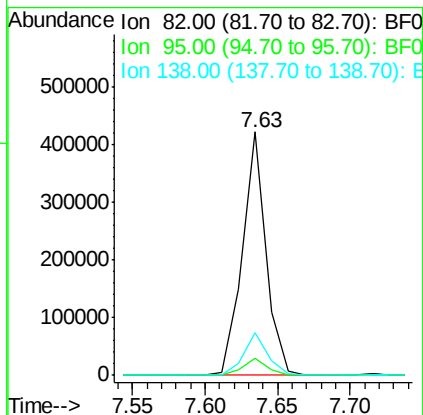
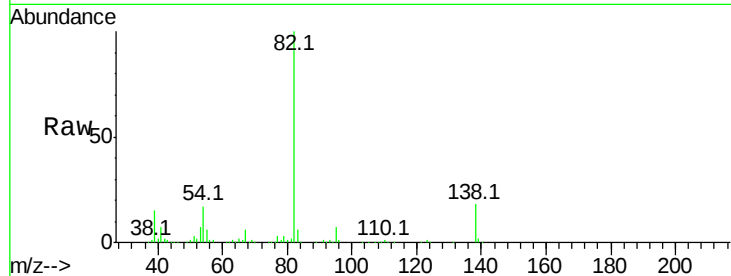
ClientSampleId :

PB86128BS

Tot Ion:	82	Resp:	476208
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	17.6	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.70 ng

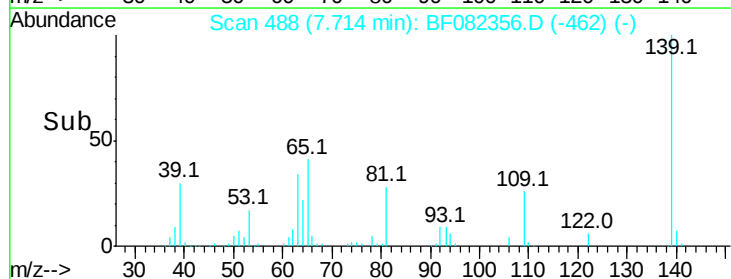
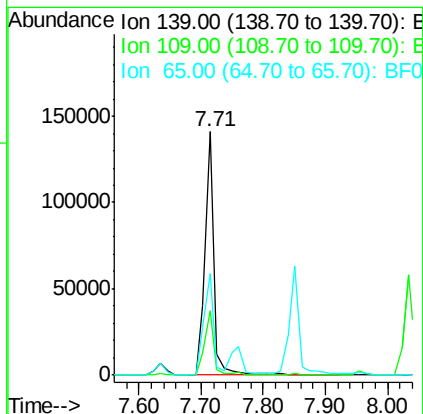
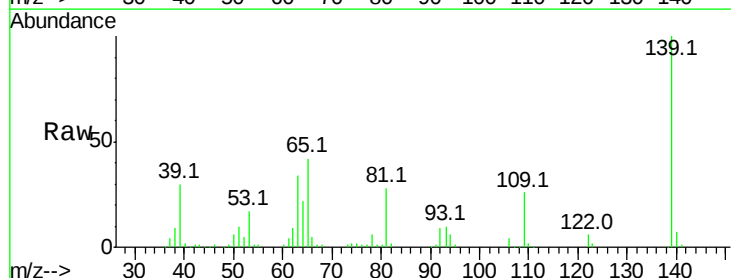
RT: 7.71 min Scan# 488

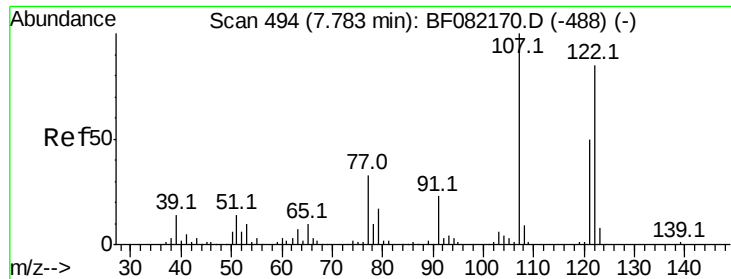
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:	139	Resp:	143408
Ion Ratio	Lower	Upper	
139	100		
109	26.3	20.6	31.0
65	41.9	34.3	51.5





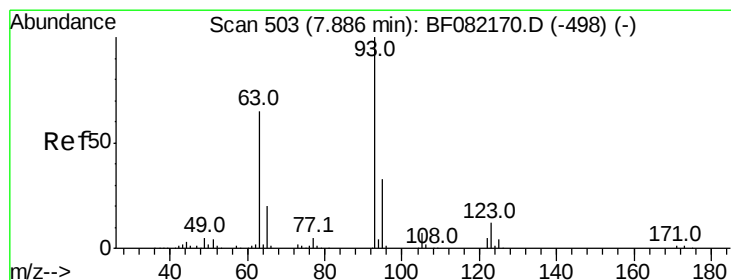
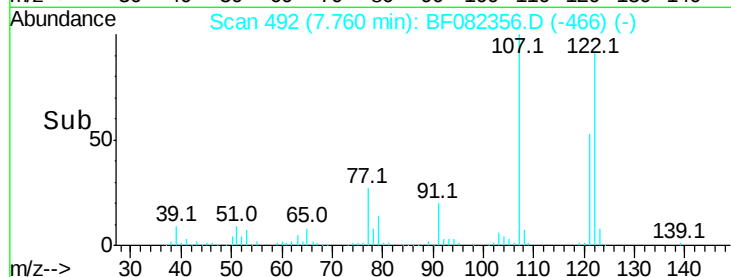
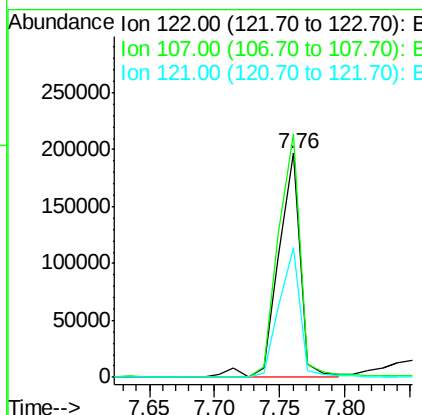
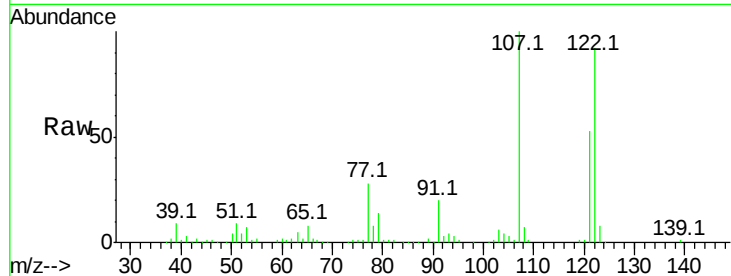
#27
2,4-Dimethylphenol
Concen: 48.16 ng
RT: 7.76 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	233273		
107	108.8	94.0	141.0	
121	57.9	46.8	70.2	

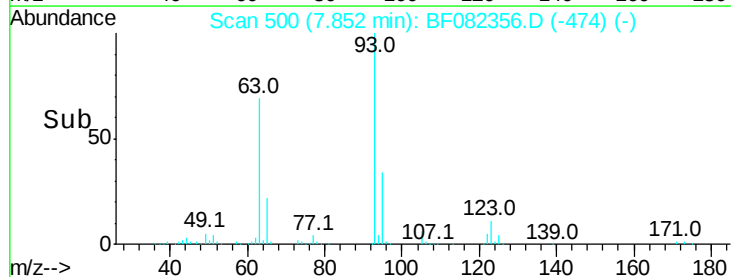
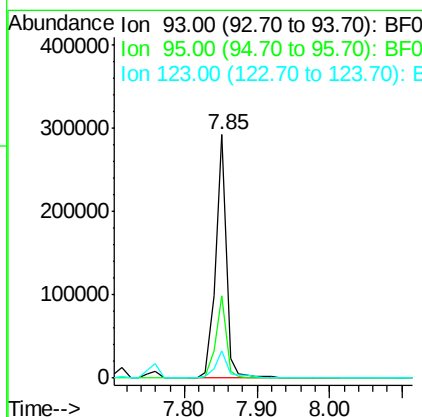
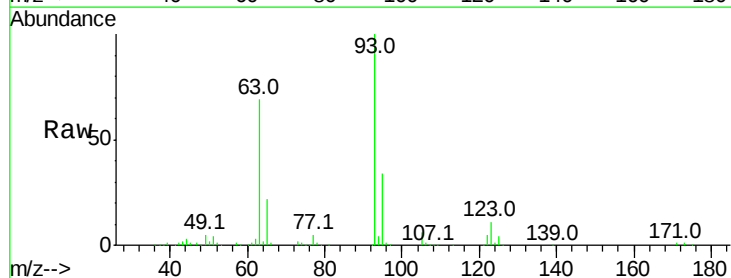
Manual Integrations
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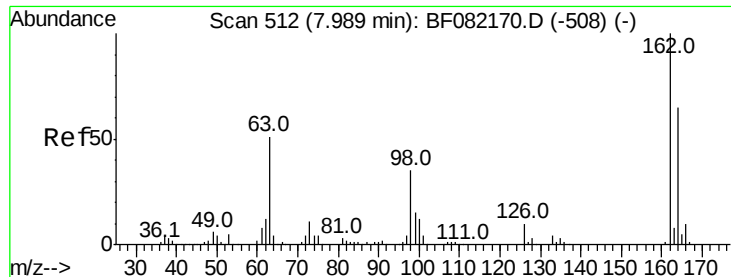
MMdadoda
10/20/2015 6:25:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.42 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	303217		
95	33.6	26.6	39.8	
123	11.4	9.5	14.3	





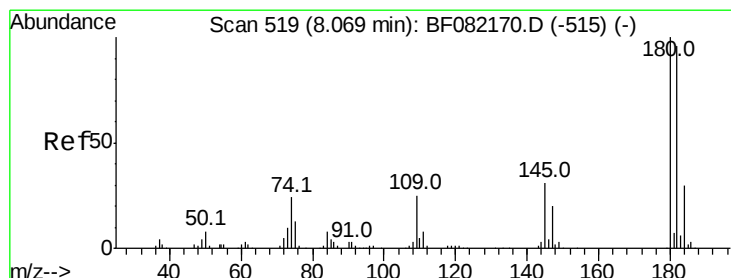
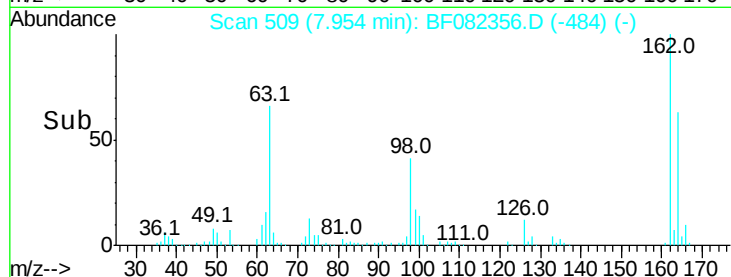
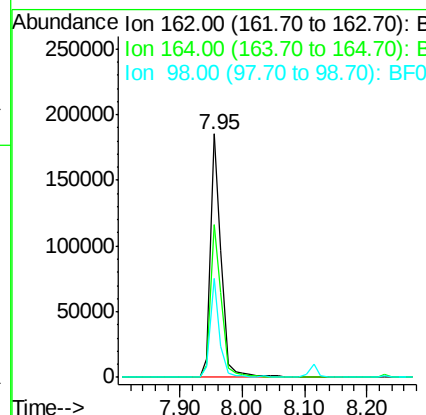
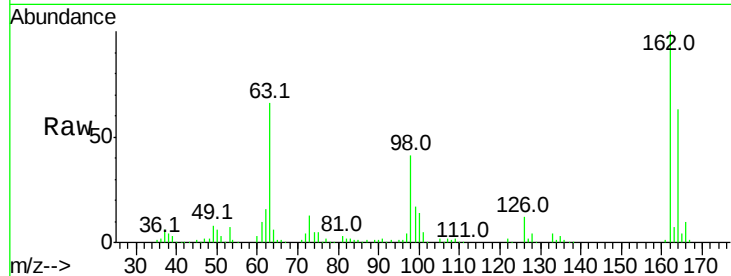
#29
 2,4-Dichlorophenol
 Concen: 45.87 ng
 RT: 7.95 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleID :
 PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	222108		
164	62.6		44.6	84.6
98	40.7		15.0	55.0

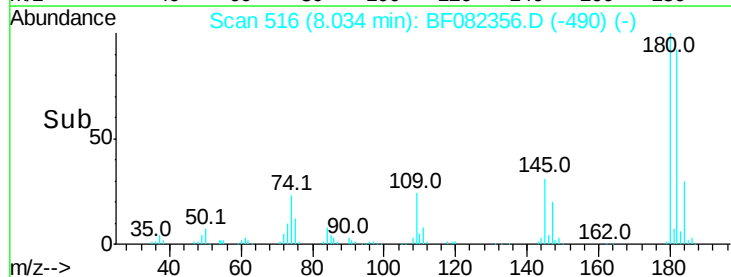
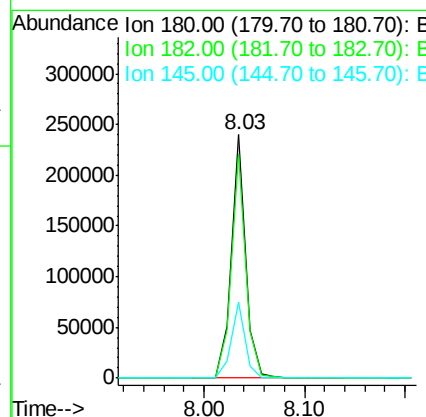
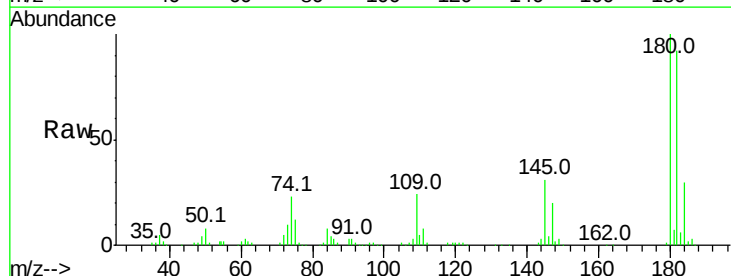
Manual Integrations
 APPROVED

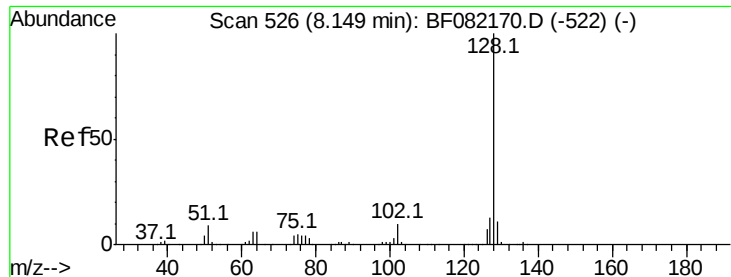
MMdadoda
 10/20/2015 6:25:46 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.56 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237528		
182	92.1		77.0	115.4
145	31.0		25.0	37.4





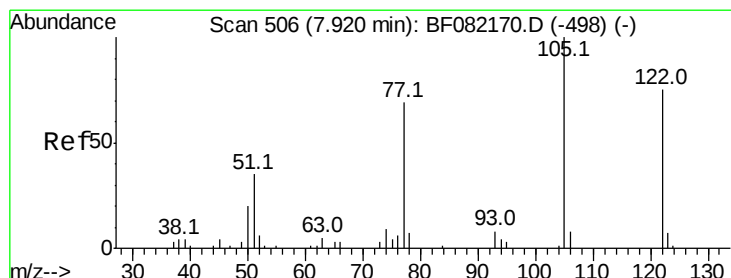
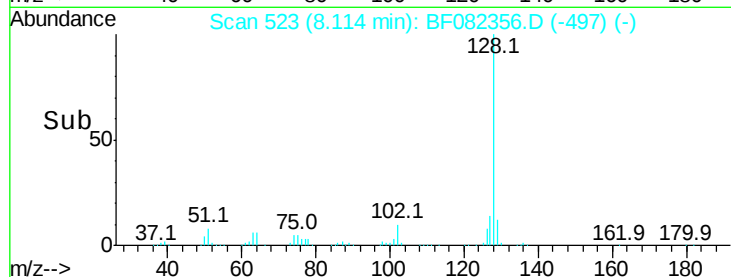
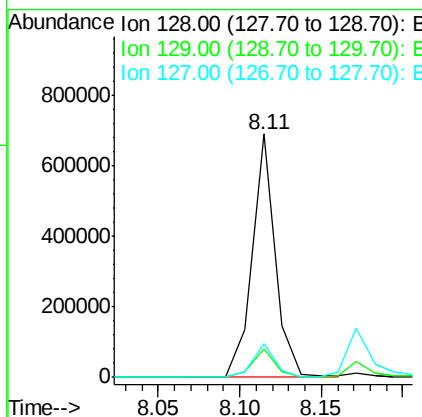
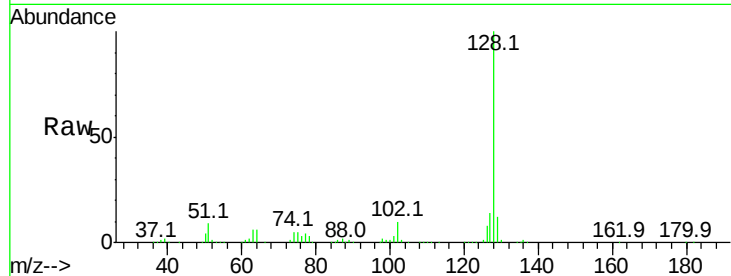
#31
Naphthalene
Concen: 42.09 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.1	13.7	
127	13.6	10.7	16.1	

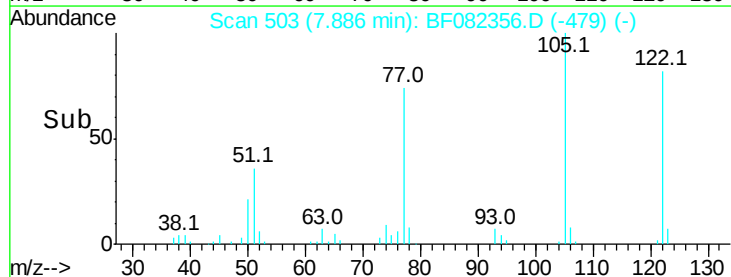
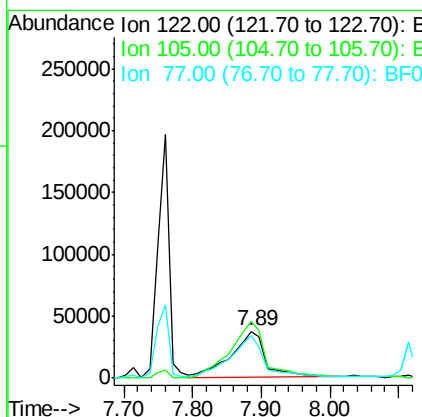
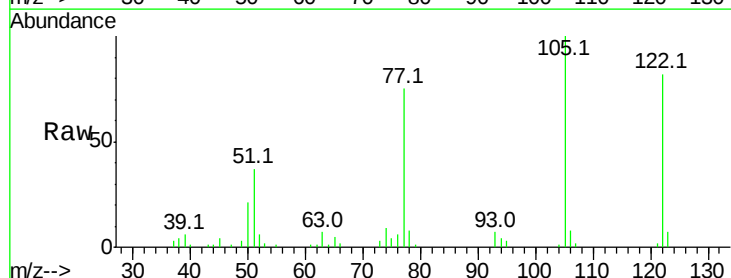
Manual Integrations
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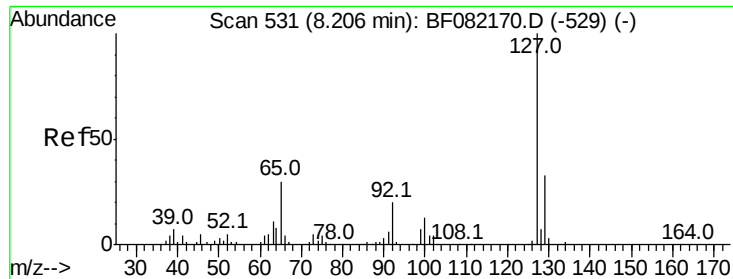
MMdadoda
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#32
Benzoic acid
Concen: 39.63 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.7	104.4	144.4	
77	91.5	69.0	109.0	





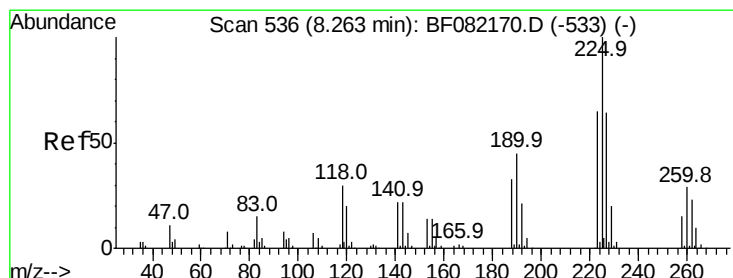
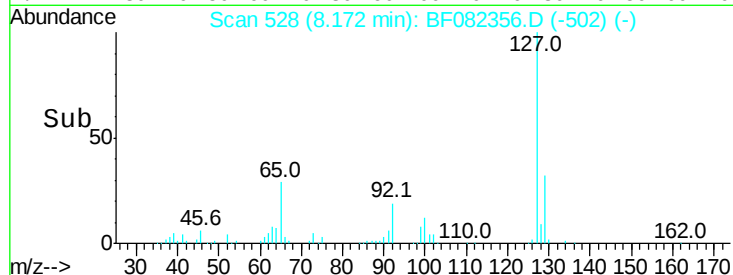
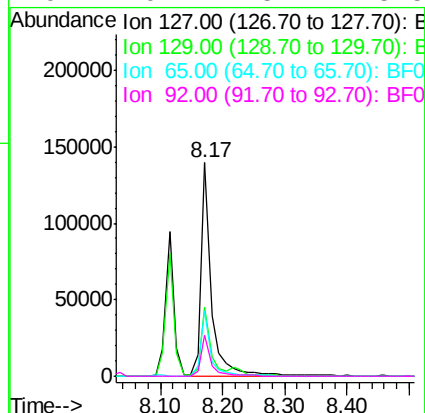
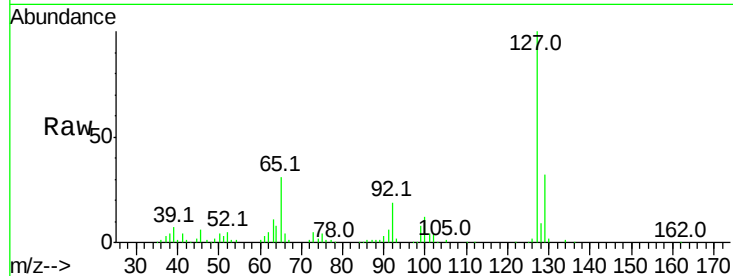
#33
4-Chloroaniline
Concen: 24.12 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.3	39.5		
65	30.5	24.4	36.6		
92	19.2	15.7	23.5		

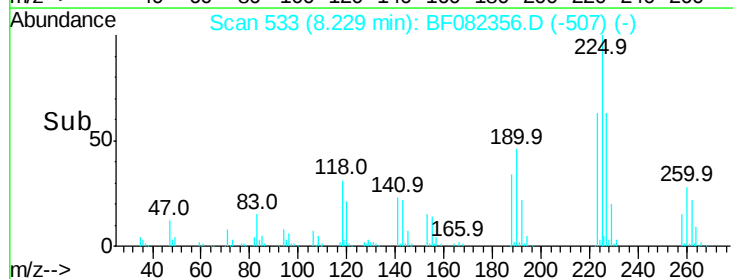
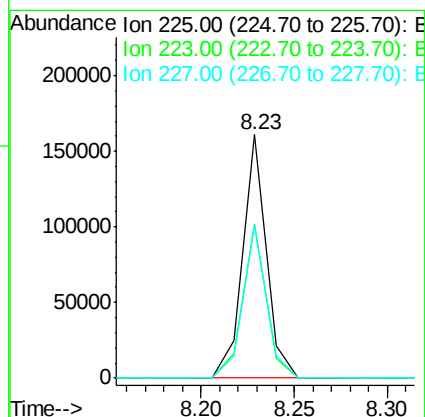
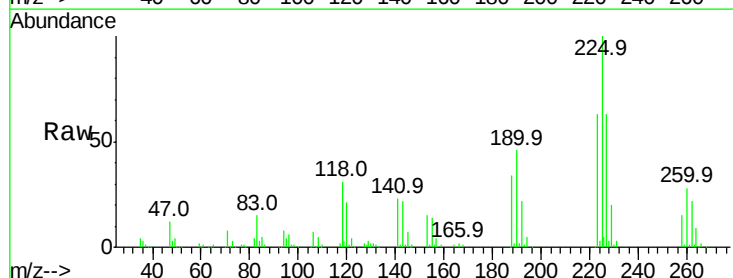
Manual Integrations
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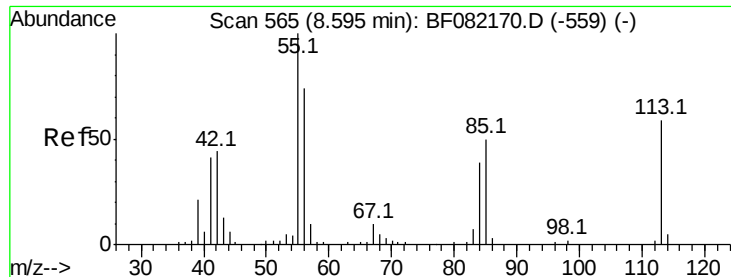
MMdadoda
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#34
Hexachlorobutadiene
Concen: 40.98 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	52.2	78.2		
227	62.6	51.3	76.9		





#35

Caprolactam

Concen: 46.93 ng

RT: 8.55 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

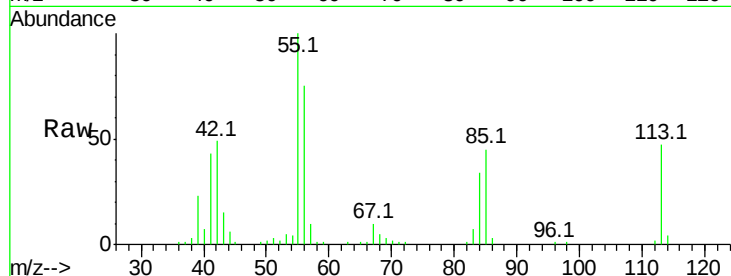
ClientSampleId :

PB86128BS

Manual Integrations
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MMdadoda
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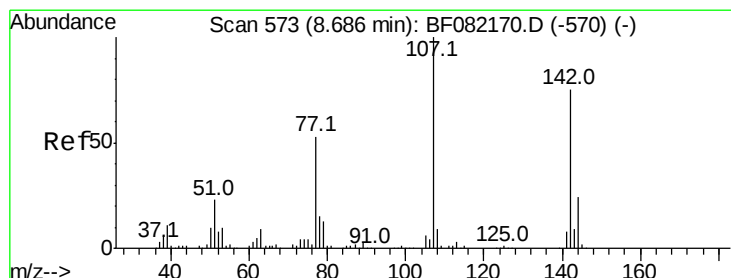
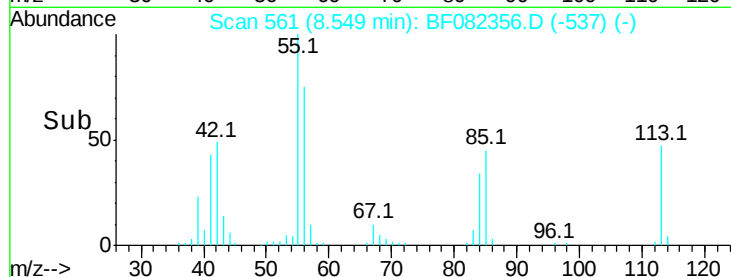
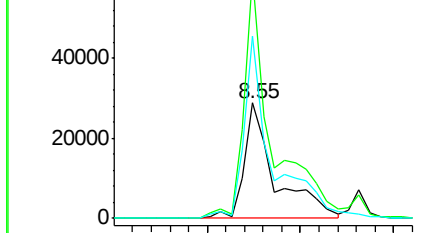
Tot Ion	Ratio	Lower	Upper
113	100		
55	211.1	149.7	189.7#
56	157.5	105.4	145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.59 ng

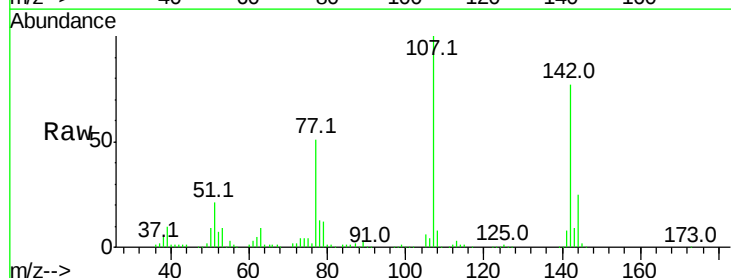
RT: 8.66 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

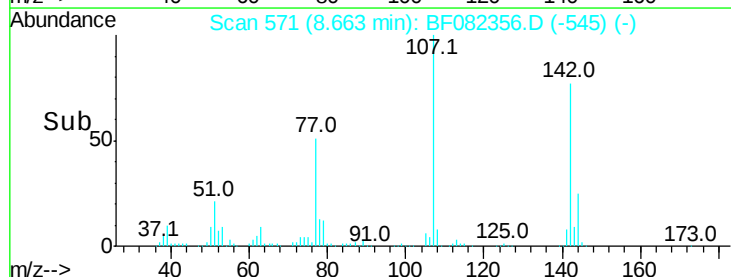
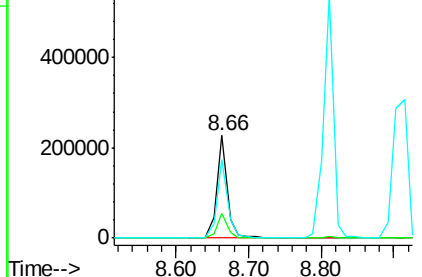
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.3	28.9
142	77.2	59.9	89.9

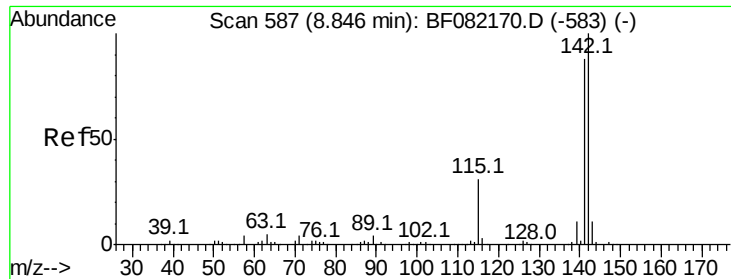


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





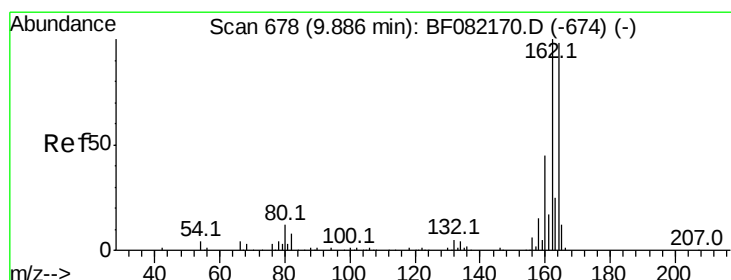
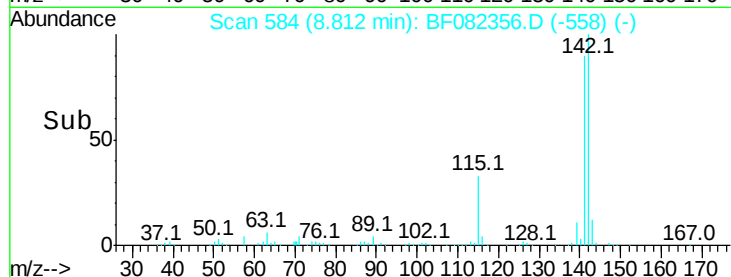
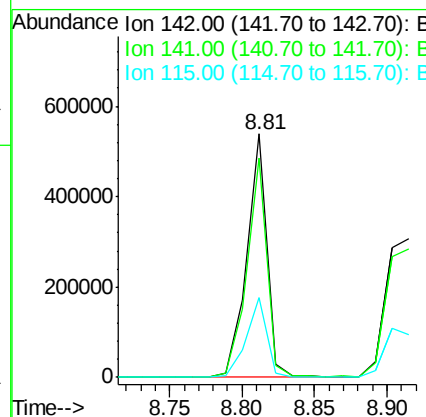
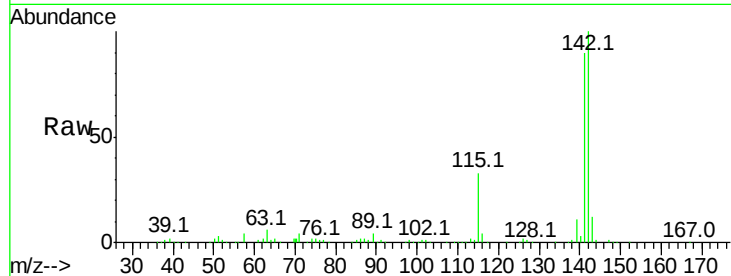
#37
2-Methylnaphthalene
Concen: 46.36 ng
RT: 8.81 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	520417		
141	90.2		70.4	105.6
115	32.8		24.6	37.0

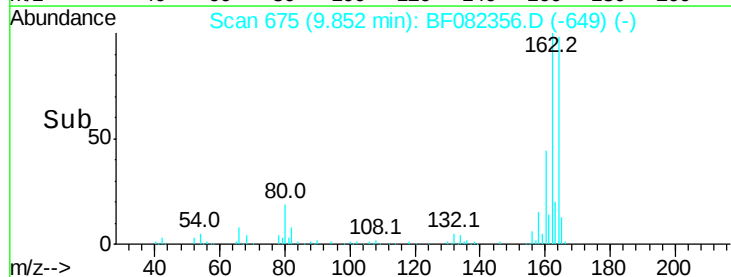
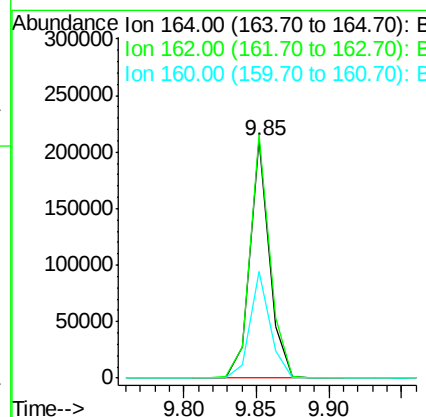
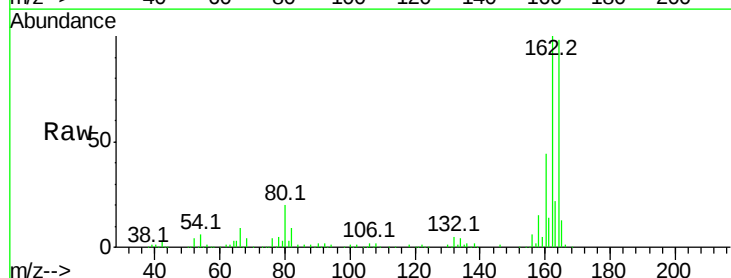
Manual Integrations
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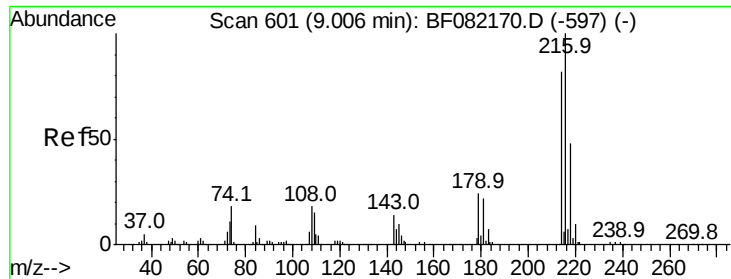
MMdadoda
10/20/2015 6:25:46 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	196190		
162	102.3		81.6	122.4
160	44.6		36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.68 ng

RT: 8.97 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF082356.D

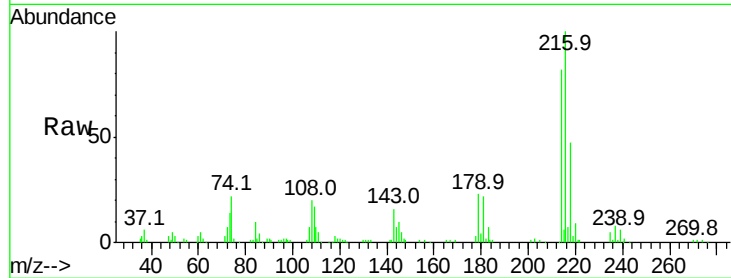
Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

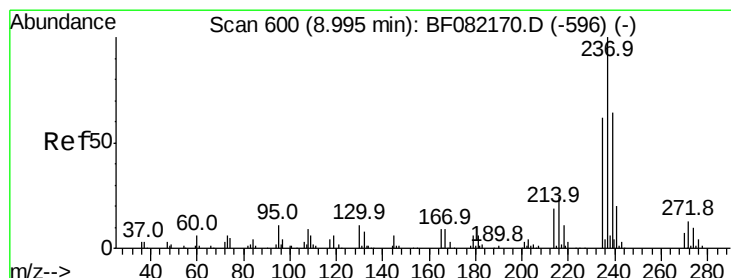
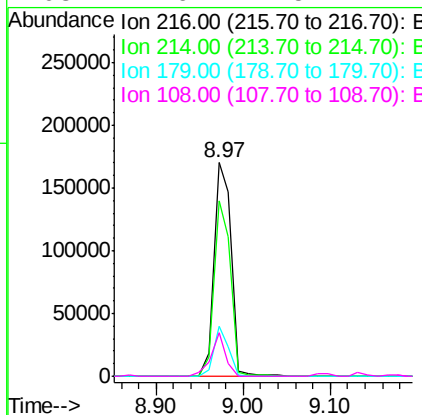
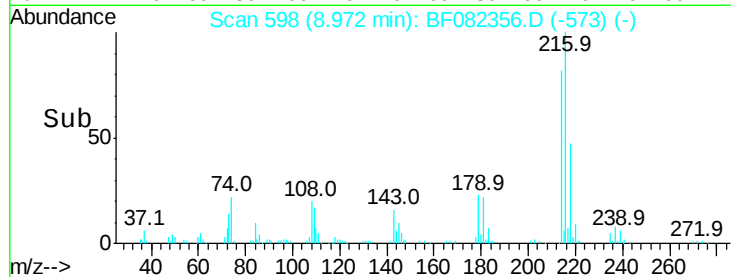
PB86128BS



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2		64.6	97.0
179	20.2		17.6	26.4
108	17.6		14.5	21.7

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#40

Hexachlorocyclopentadiene

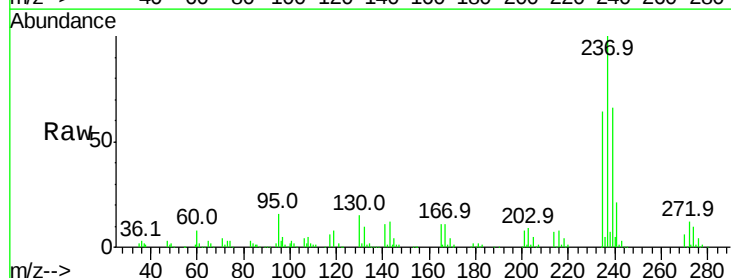
Concen: 70.42 ng

RT: 8.96 min Scan# 597

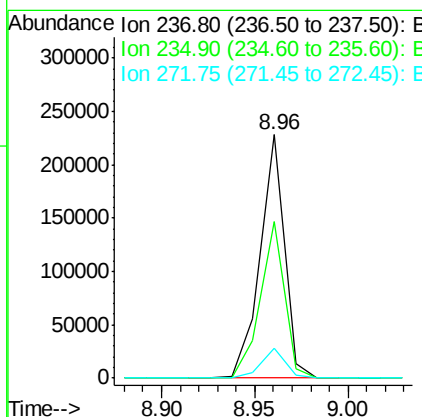
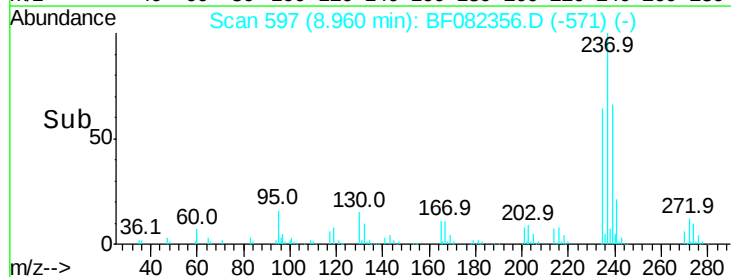
Delta R.T. -0.00 min

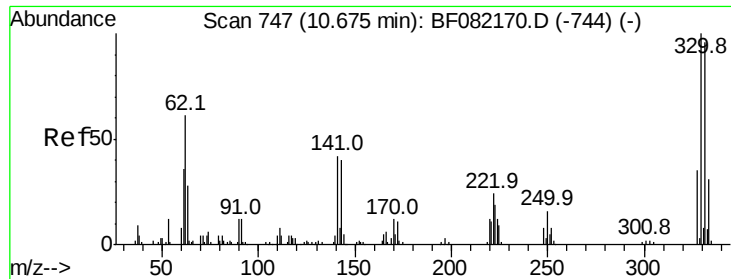
Lab File: BF082356.D

Acq: 19 Oct 2015 15:31



Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.2		41.7	81.7
272	12.2		0.0	32.8





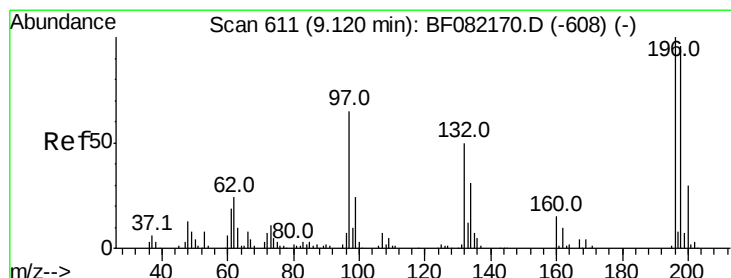
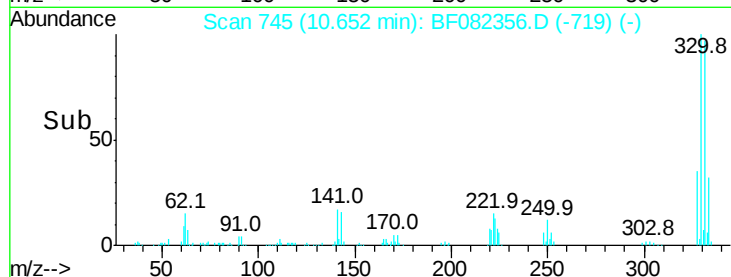
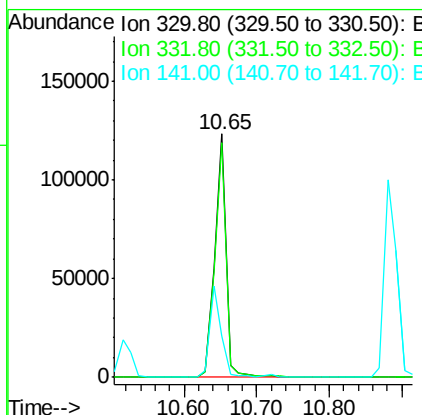
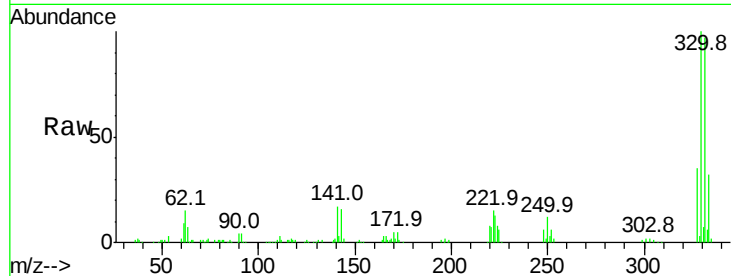
#41
 2,4,6-Tribromophenol
 Concen: 73.27 ng
 RT: 10.65 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.1	115.7	
141	38.1	29.8	44.8	

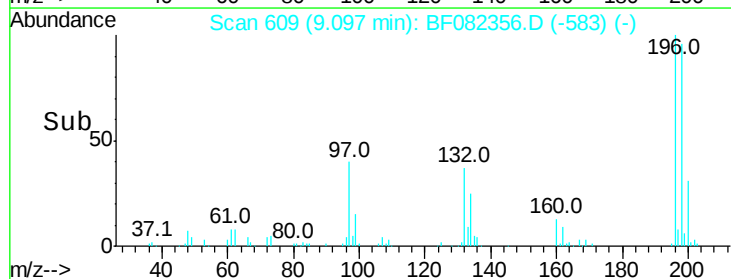
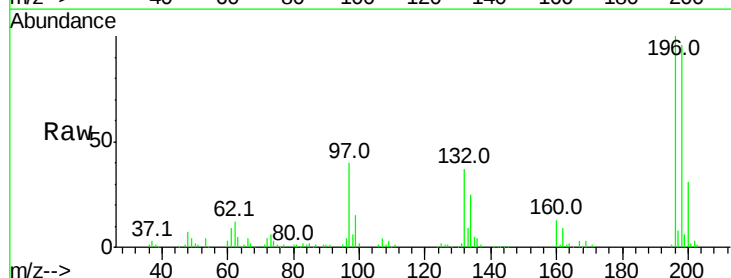
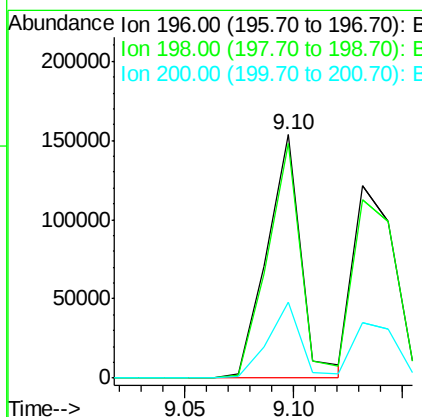
Manual Integrations
 APPROVED

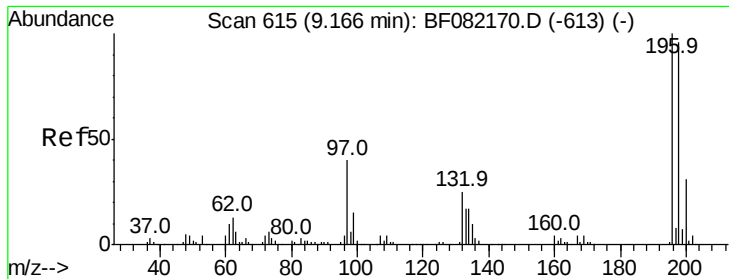
MMdadoda
 10/20/2015 6:25:46 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.46 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

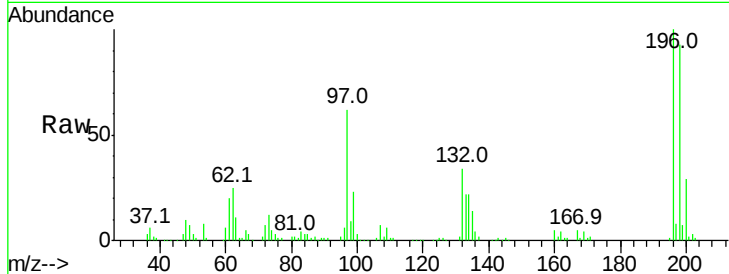
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.5	76.6	115.0	
200	31.3	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 40.70 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

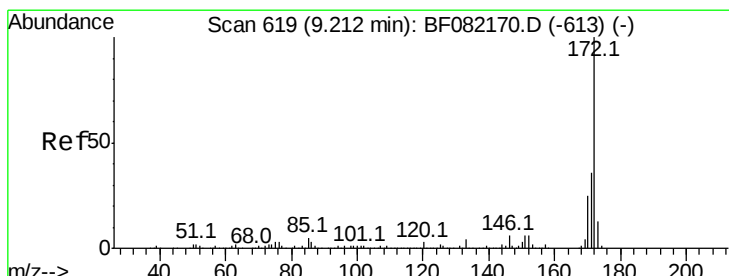
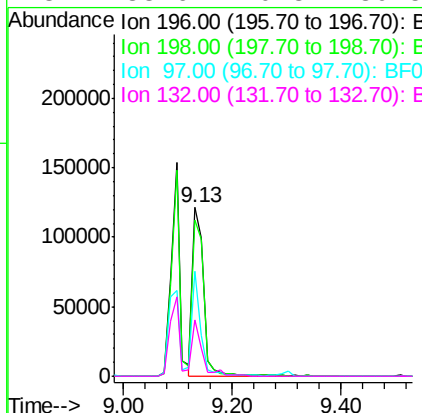
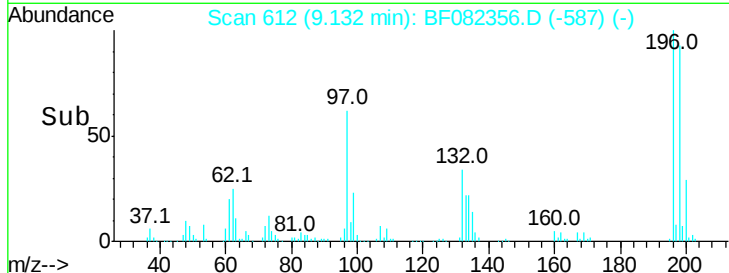
Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	170889		
198	93.1	77.0	115.4	
97	62.2	31.9	47.9#	
132	33.6	20.3	30.5#	

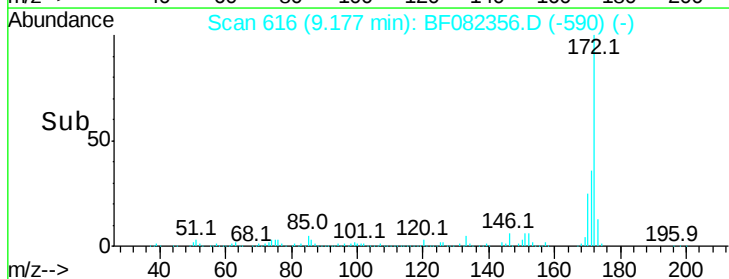
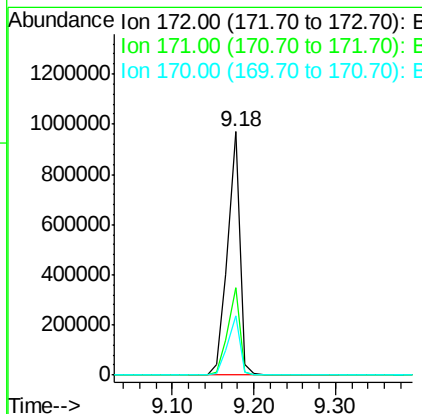
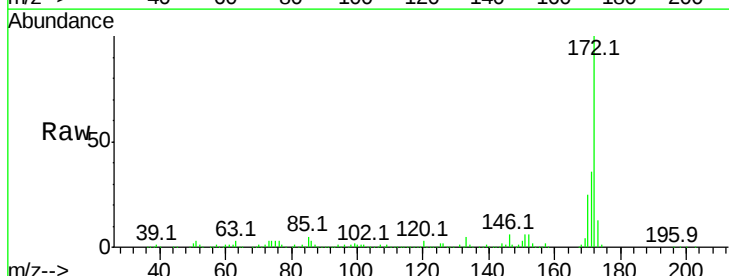
Manual Integrations
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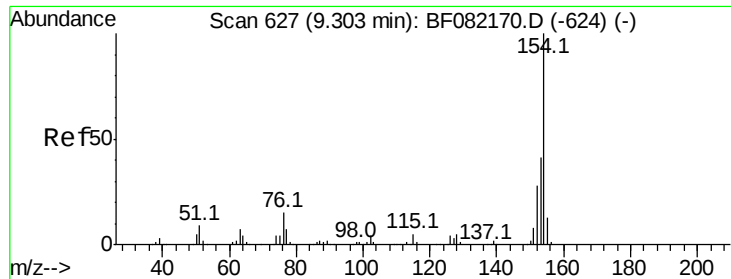
MMdadoda
 10/20/2015 6:25:46 PM



#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1010289		
171	35.9	28.6	42.8	
170	24.6	19.7	29.5	





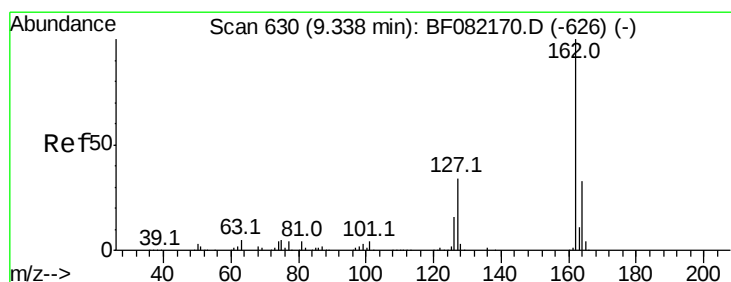
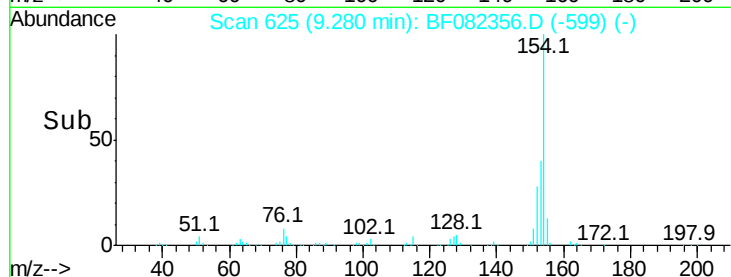
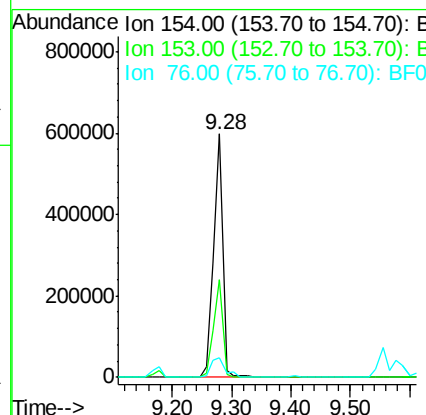
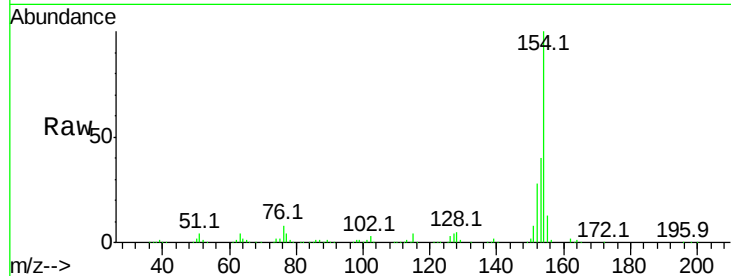
#45
 1,1'-Biphenyl
 Concen: 43.38 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	20.6	60.6	
76	8.1	0.0	35.2	

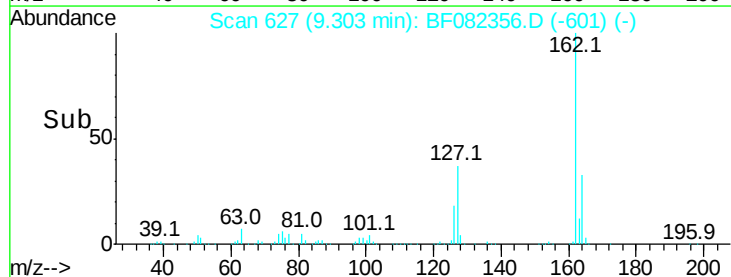
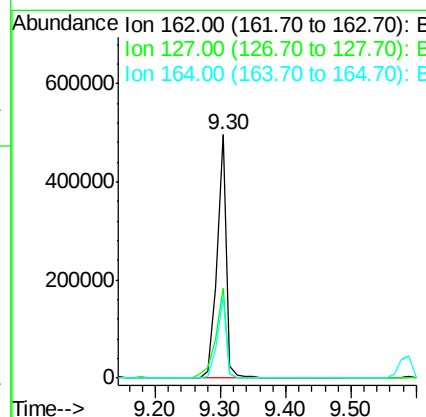
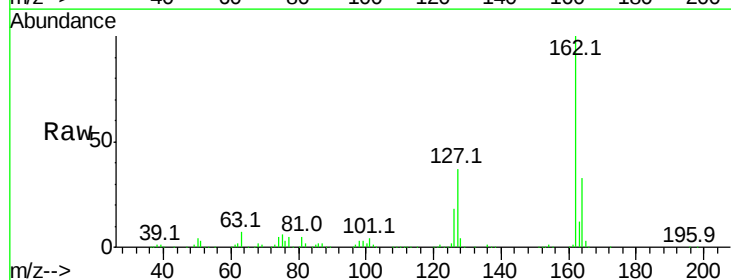
Manual Integrations
 APPROVED

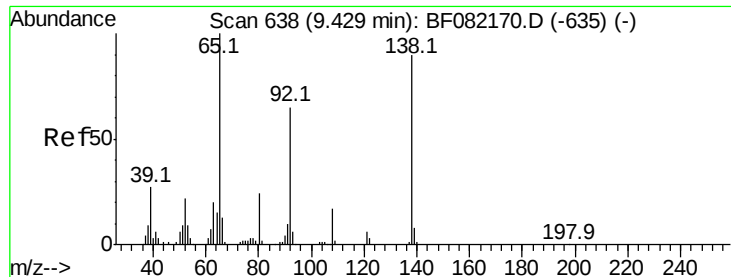
MMdadoda
 10/20/2015 6:25:46 PM



#46
 2-Chloronaphthalene
 Concen: 42.97 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.0	27.5	41.3	
164	33.4	26.6	39.8	





#47

2-Nitroaniline

Concen: 47.62 ng

RT: 9.41 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

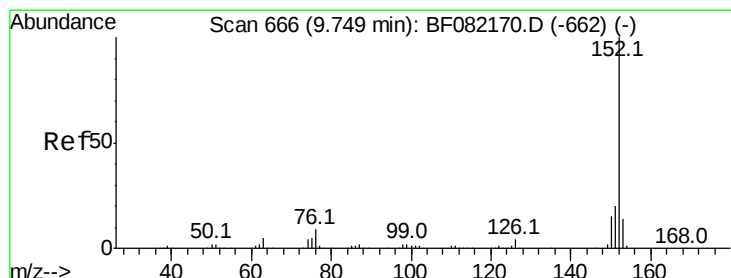
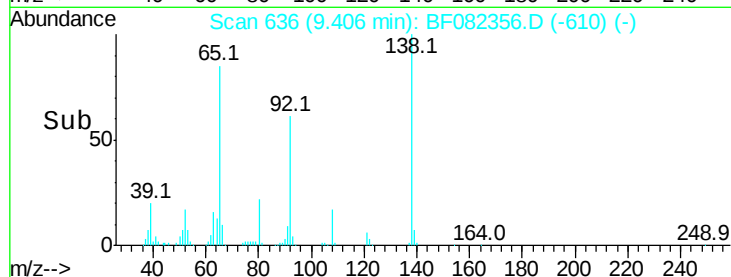
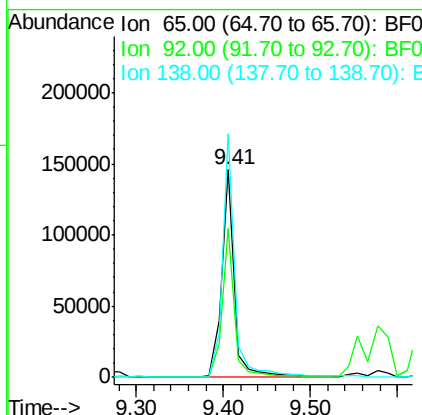
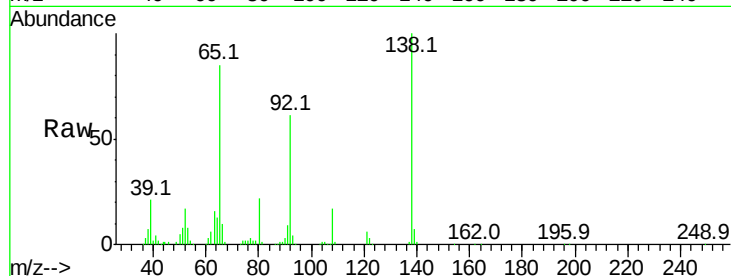
ClientSampleId :

PB86128BS

Manual Integrations
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MMdadoda
10/20/2015 6:25:46 PM

Tot Ion:	65	Resp:	153970
Ion Ratio	Lower	Upper	
65	100		
92	71.6	52.3	78.5
138	117.2	72.2	108.4#



#48

Acenaphthylene

Concen: 40.46 ng

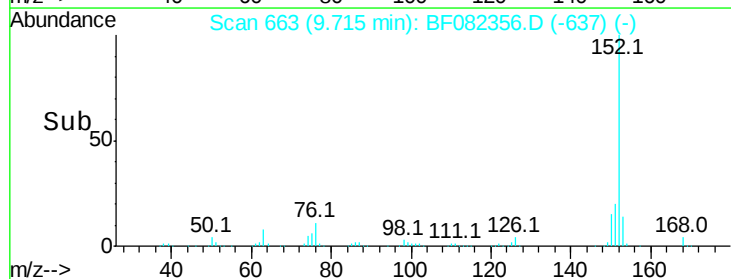
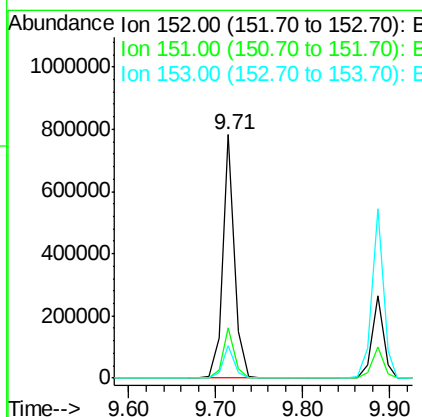
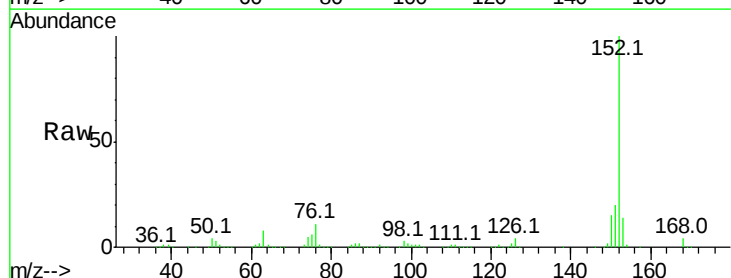
RT: 9.71 min Scan# 663

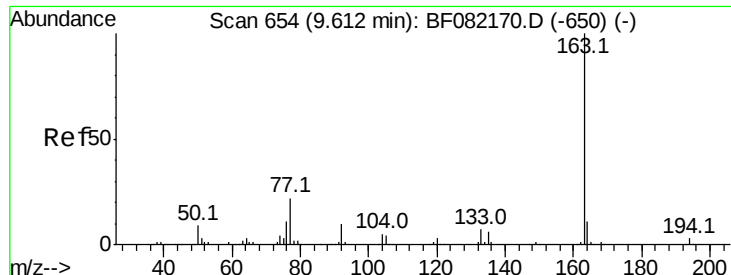
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:	152	Resp:	742318
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.4	24.6
153	13.5	10.8	16.2





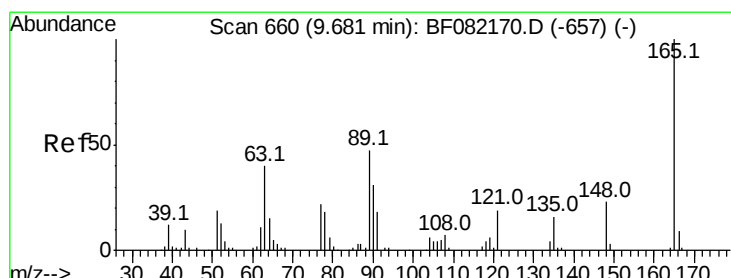
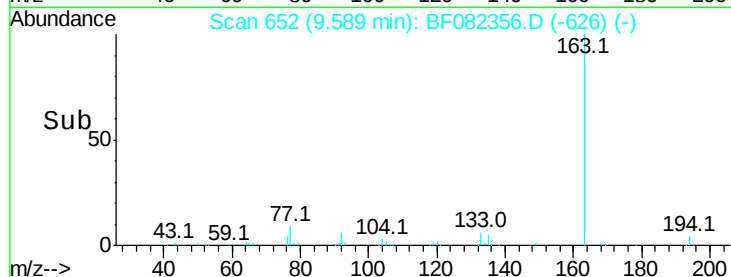
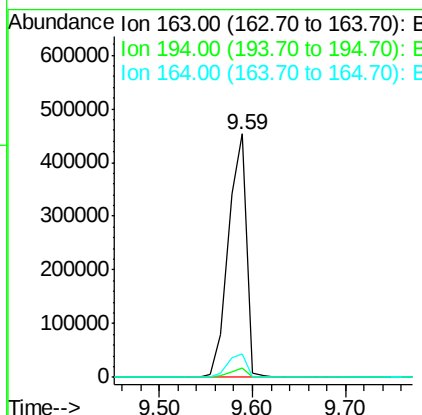
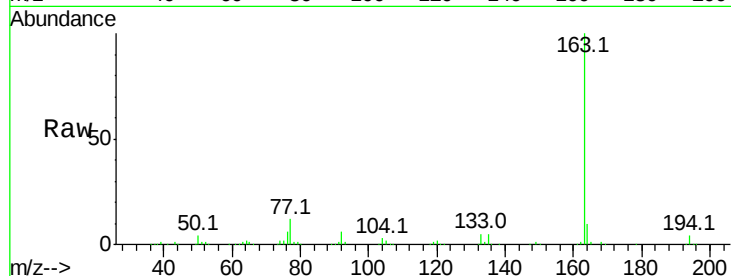
#49
Dimethylphthalate
Concen: 44.29 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.6	4.0	
164	9.7	8.5	12.7	

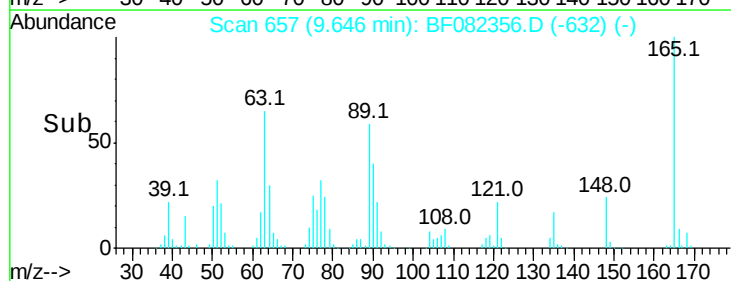
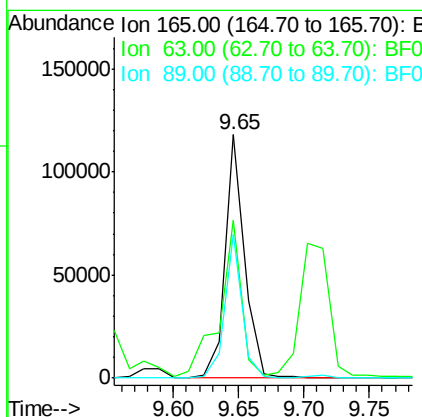
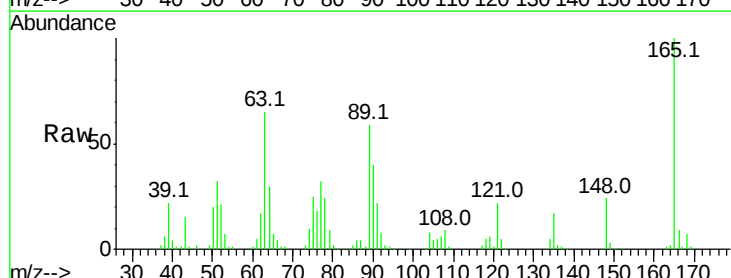
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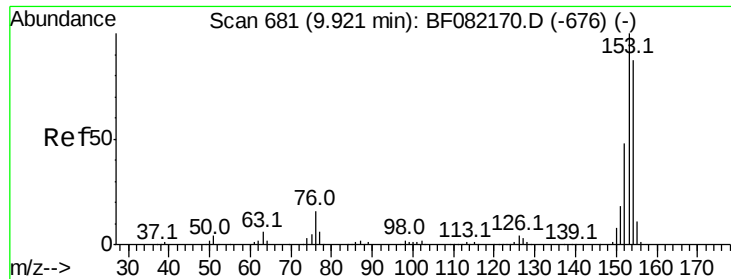
MMdadoda
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#50
2,6-Dinitrotoluene
Concen: 41.79 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.9	36.7	55.1#	
89	59.0	37.8	56.6#	





#51

Acenaphthene

Concen: 40.18 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

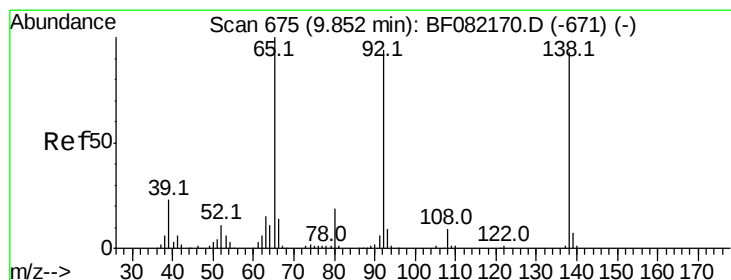
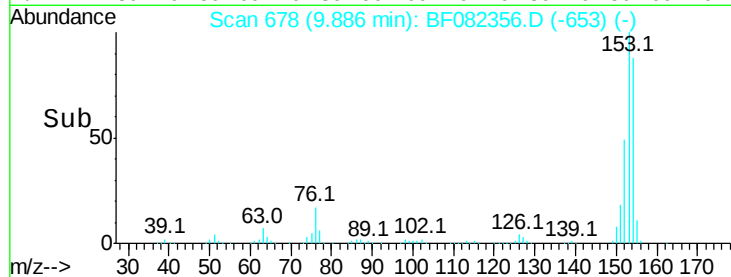
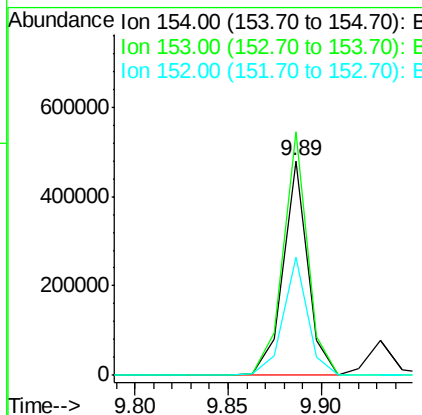
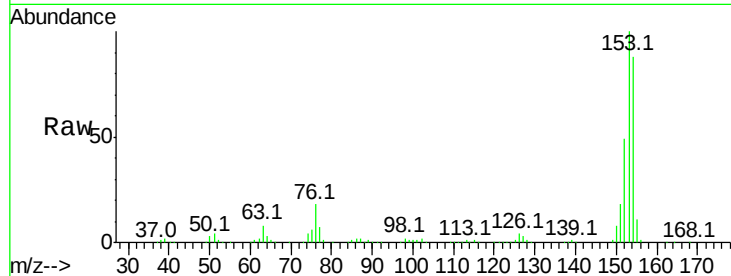
ClientSampleId :

PB86128BS

Tot Ion:	154	Resp:	442590
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.4	137.2
152	55.0	44.3	66.5

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.37 ng

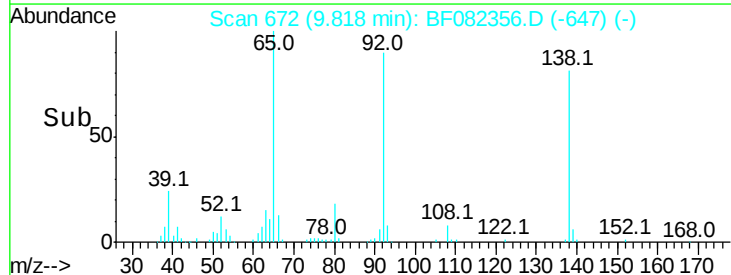
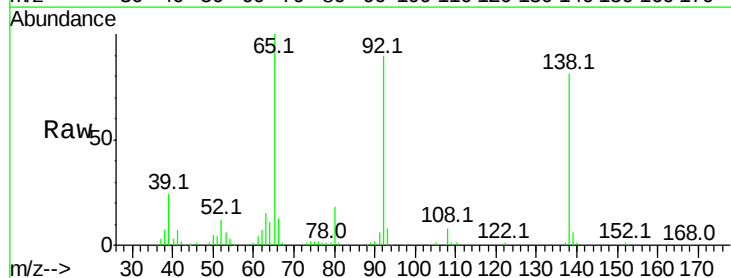
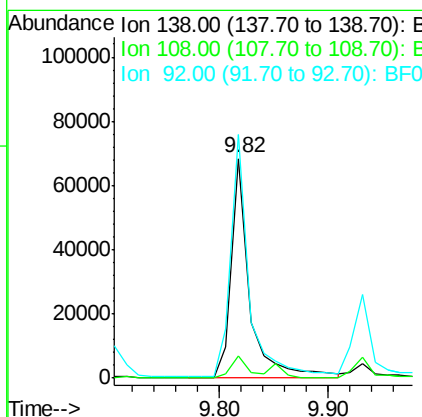
RT: 9.82 min Scan# 672

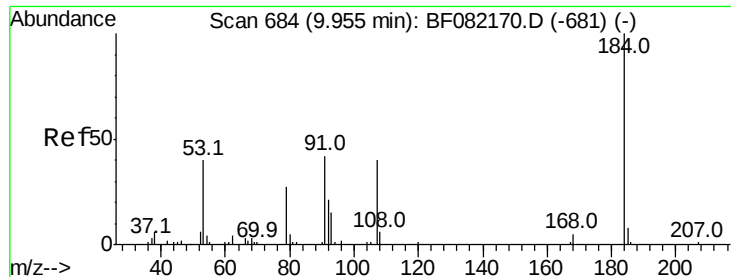
Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:	138	Resp:	80257
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.4	11.0
92	110.7	81.3	121.9





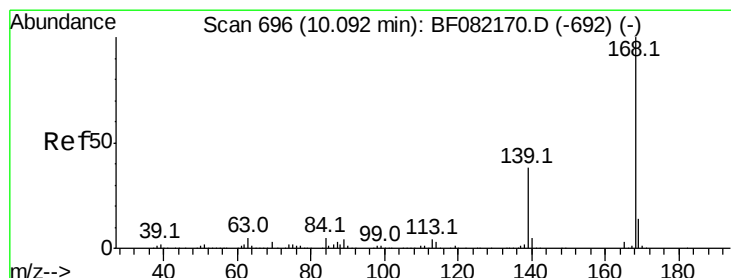
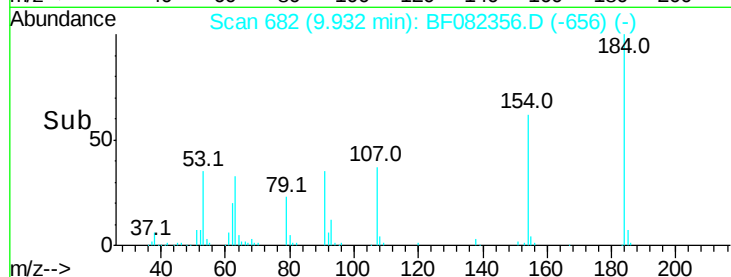
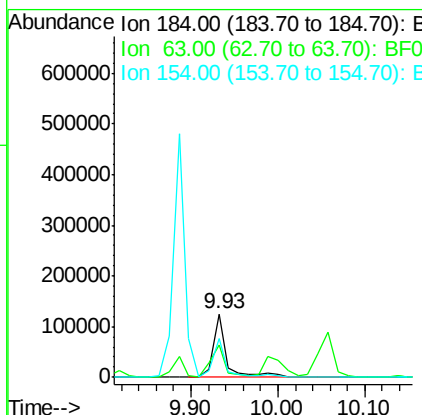
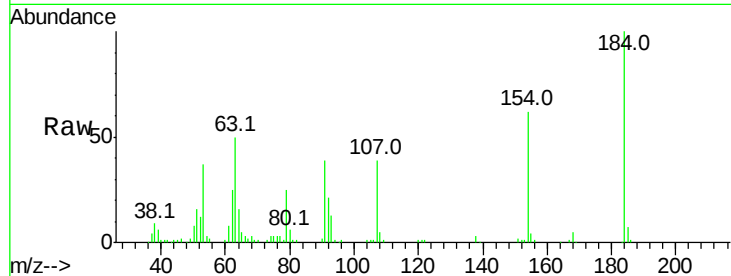
#53
2,4-Dinitrophenol
Concen: 83.65 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	136783		
63	50.4	45.1	67.7	
154	62.0	51.2	76.8	

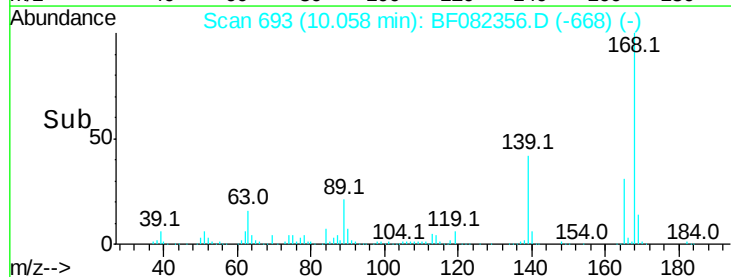
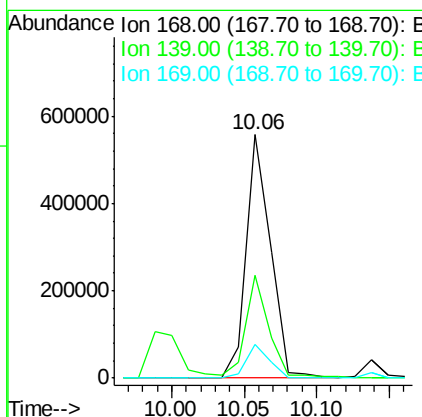
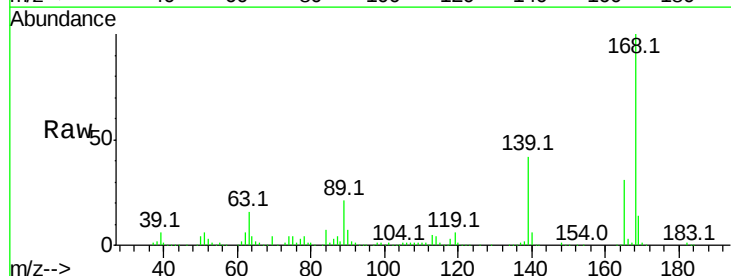
Manual Integrations
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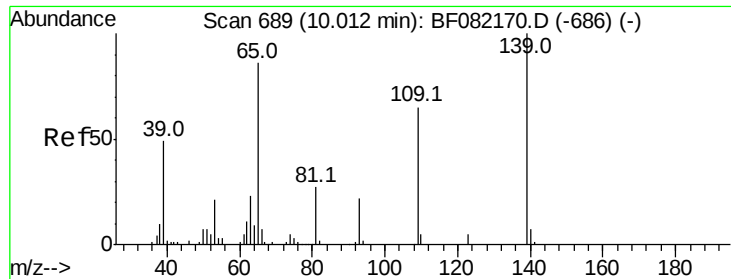
MMdadoda
10/20/2015 6:25:46 PM



#54
Dibenzofuran
Concen: 42.97 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	649779		
139	42.4	31.0	46.6	
169	14.0	10.9	16.3	





#55

4-Nitrophenol

Concen: 75.16 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

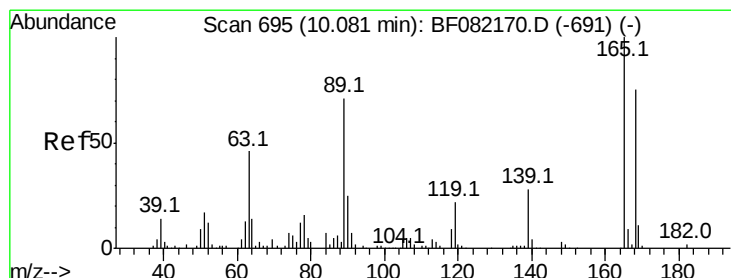
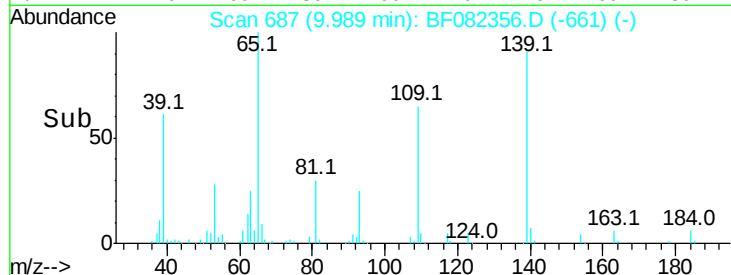
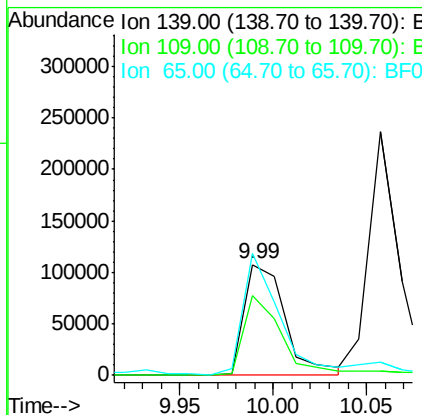
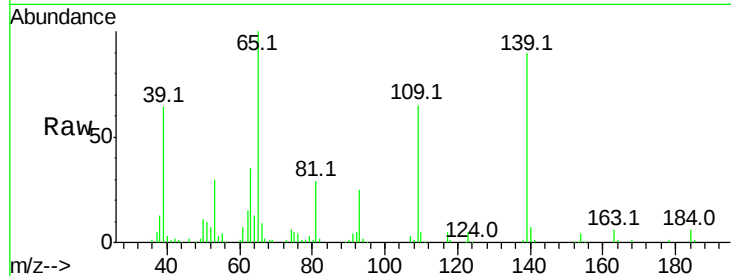
ClientSampleId :

PB86128BS

Tot Ion:139	Resp:	166851
Ion Ratio	Lower	Upper
139	100	
109	71.6	44.8 84.8
65	110.7	67.7 107.7#

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#56

2,4-Dinitrotoluene

Concen: 50.11 ng

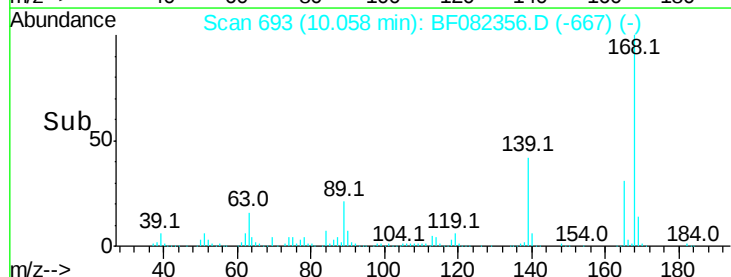
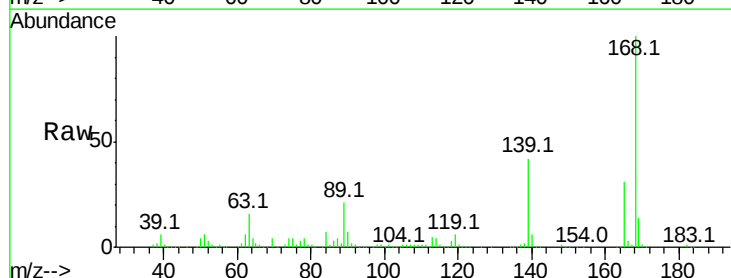
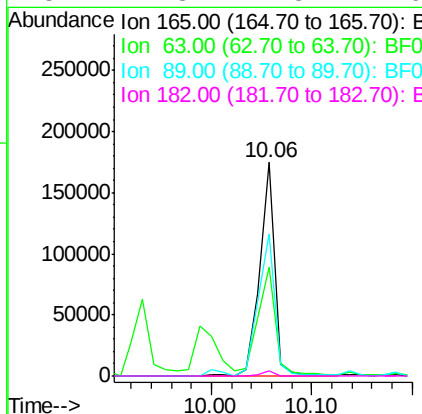
RT: 10.06 min Scan# 693

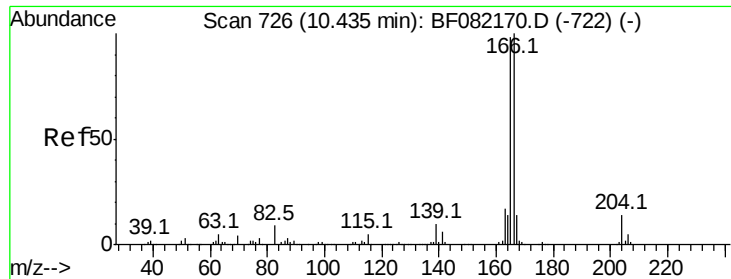
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion:165	Resp:	182573
Ion Ratio	Lower	Upper
165	100	
63	50.7	38.6 58.0
89	66.7	57.0 85.6
182	2.3	1.8 2.6





#57

Fluorene

Concen: 41.08 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

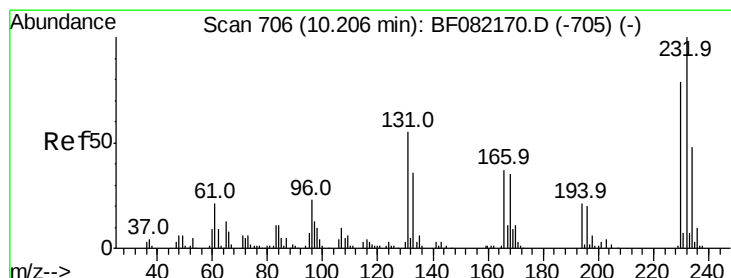
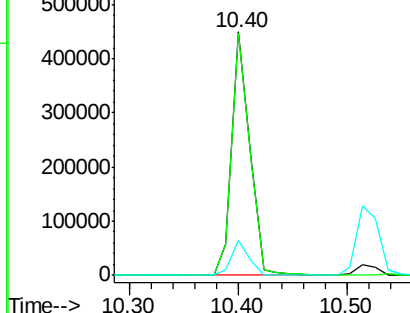
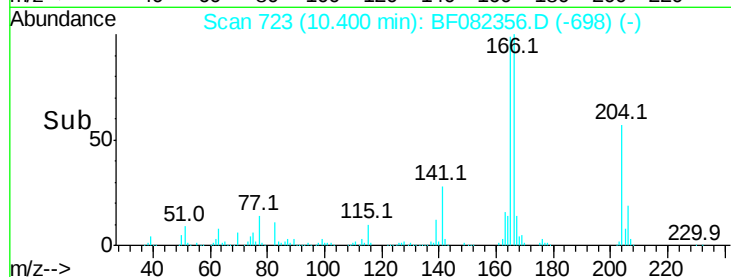
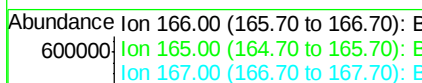
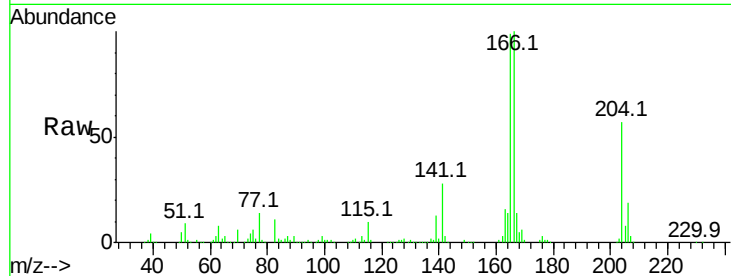
ClientSampleId :

PB86128BS

Manual Integrations
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Tot Ion	166	Resp	510223
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.3	117.5
167	14.2	10.8	16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.70 ng

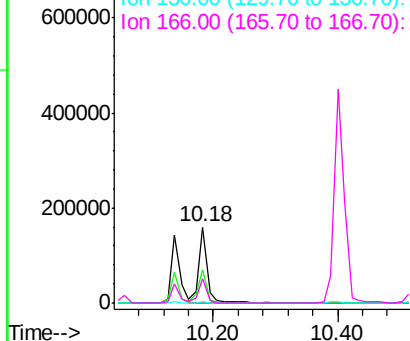
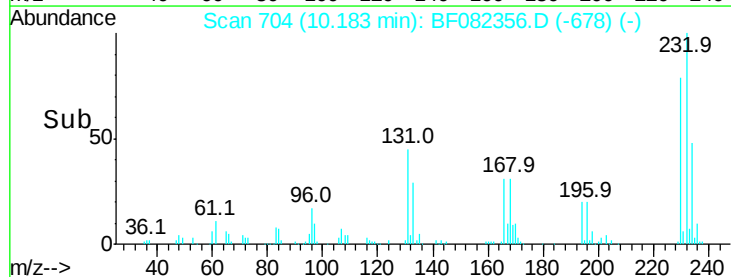
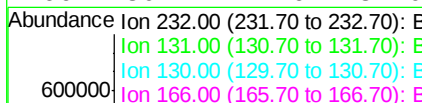
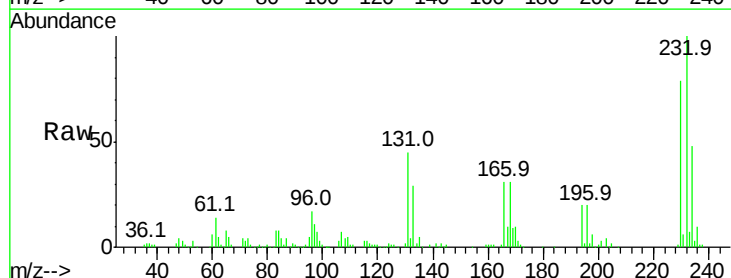
RT: 10.18 min Scan# 704

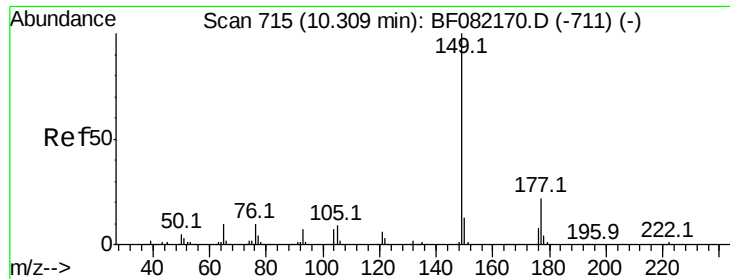
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion	232	Resp	153350
Ion Ratio	Lower	Upper	
232	100		
131	45.5	36.6	54.8
130	2.0	1.5	2.3
166	30.4	24.6	37.0





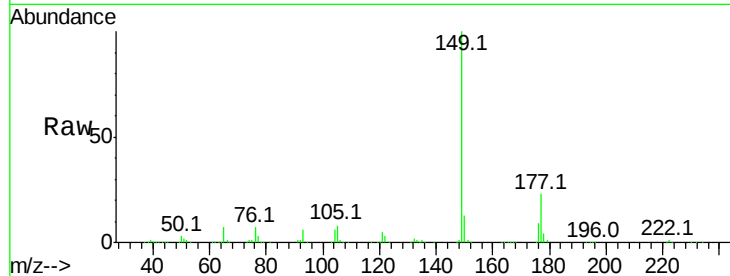
#59
Diethylphthalate
Concen: 47.48 ng
RT: 10.29 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

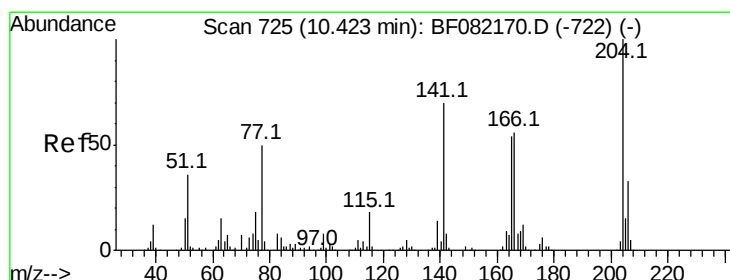
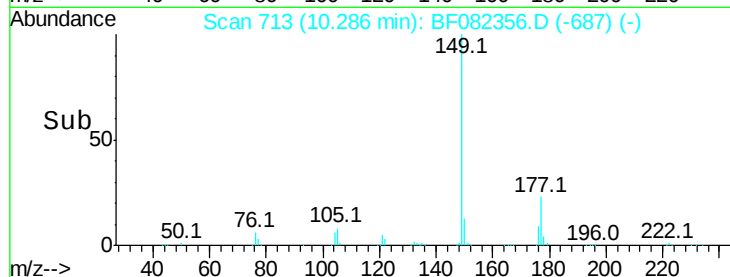
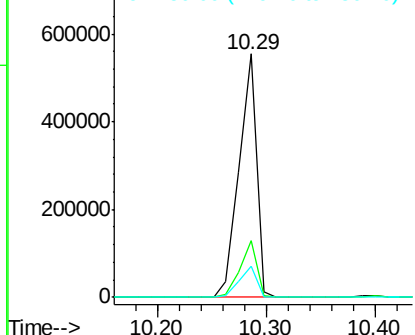
Tot Ion	Ratio	Resp	Lower	Upper
149	100	611456		
177	23.5		17.6	26.4
150	12.5		10.3	15.5

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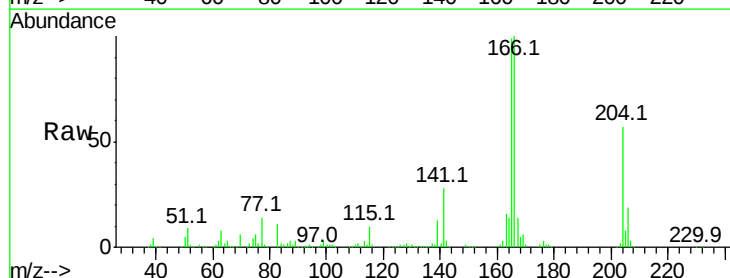


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

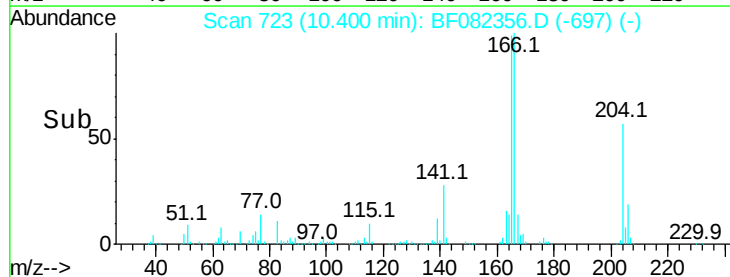
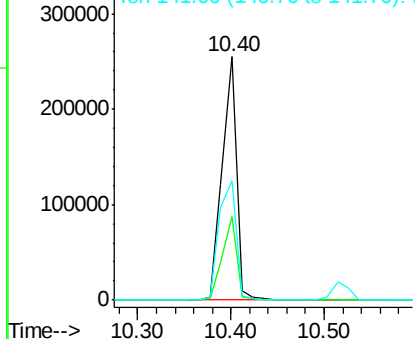


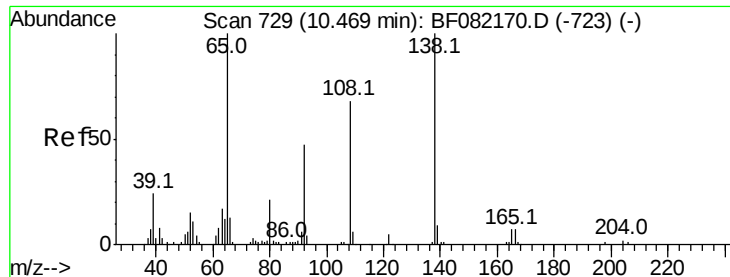
#60
4-Chlorophenyl-phenylether
Concen: 47.84 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	272140		
206	34.1		26.8	40.2
141	49.0		56.1	84.1#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





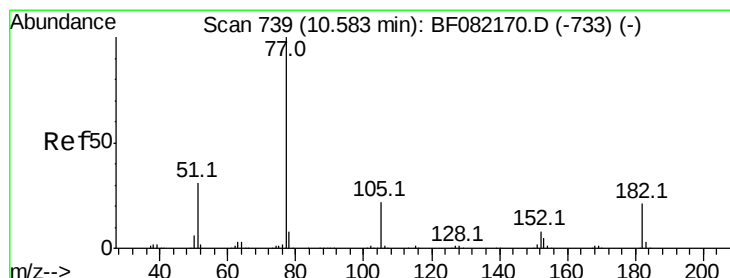
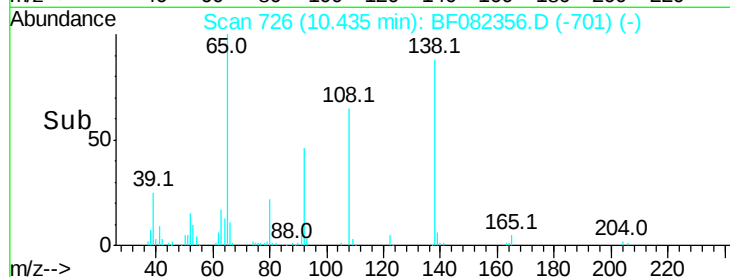
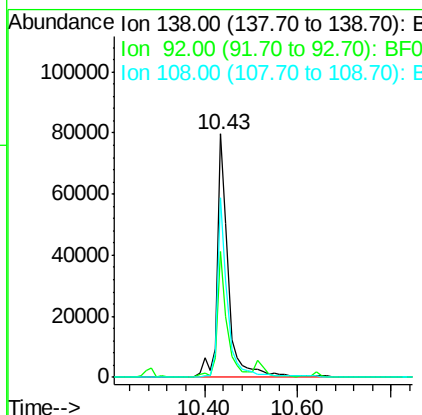
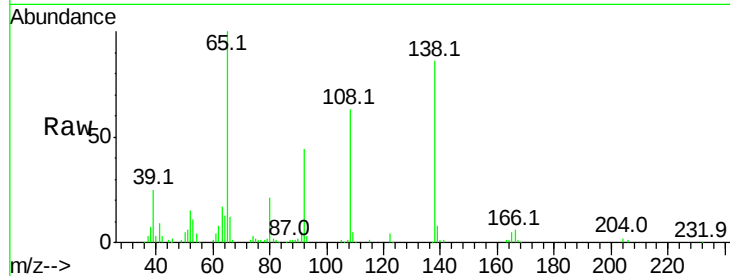
#61
4-Nitroaniline
Concen: 41.05 ng
RT: 10.43 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	131090		
92	51.9	26.8	66.8	
108	73.9	48.4	88.4	

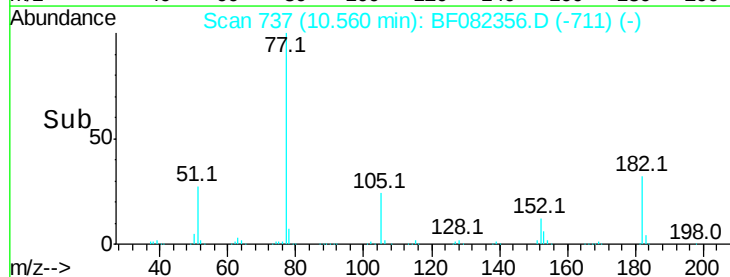
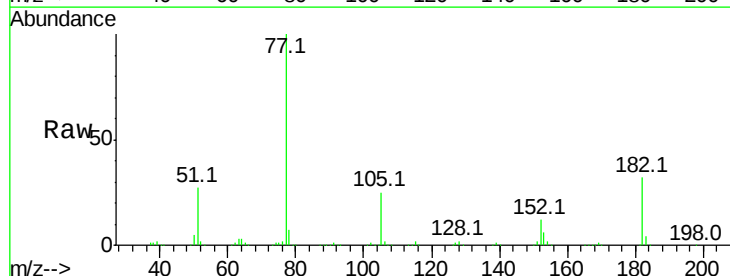
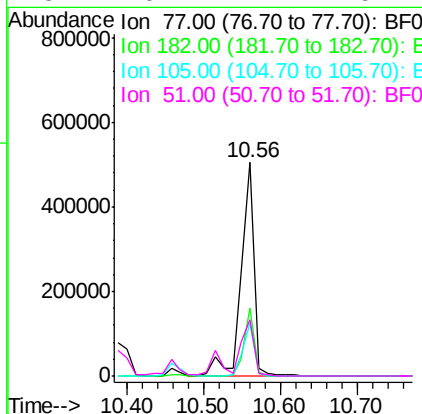
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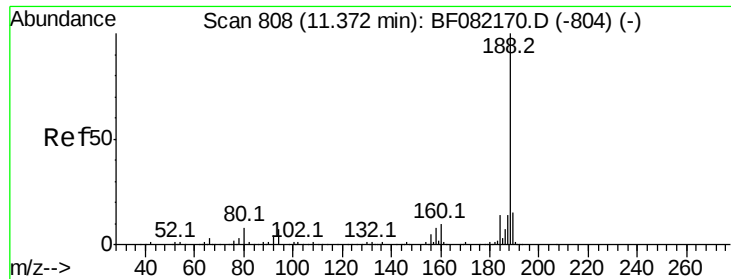
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#62
Azobenzene
Concen: 46.83 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	590175		
182	31.9	0.5	40.5	
105	24.6	1.8	41.8	
51	26.7	11.2	51.2	





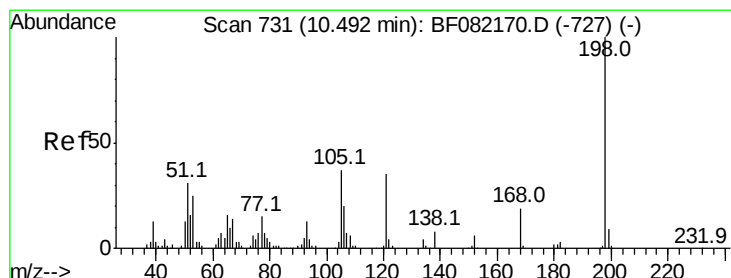
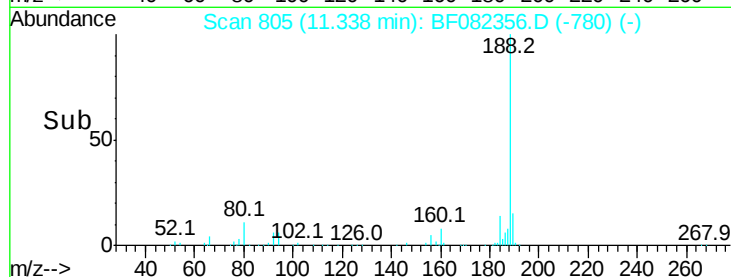
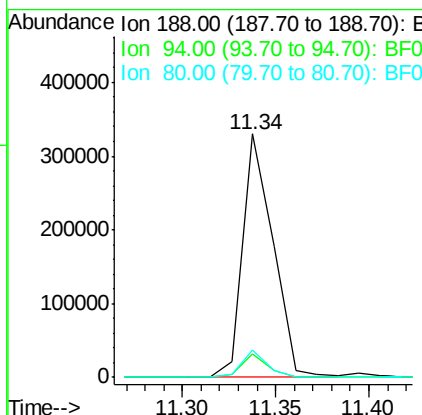
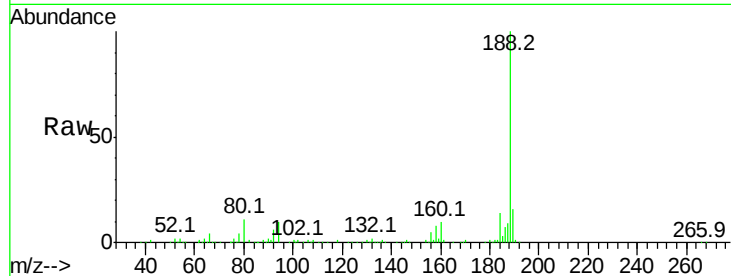
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	5.8	8.6#	
80	11.2	6.4	9.6#	

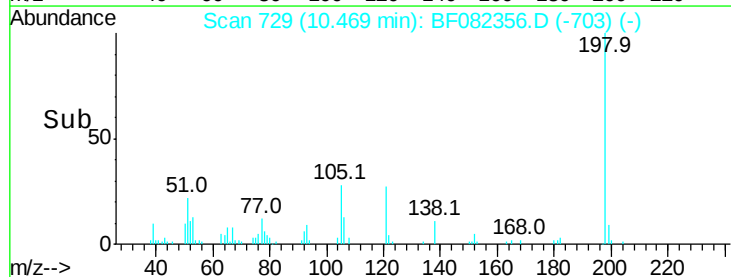
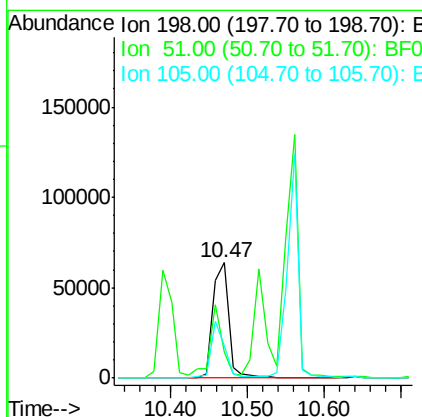
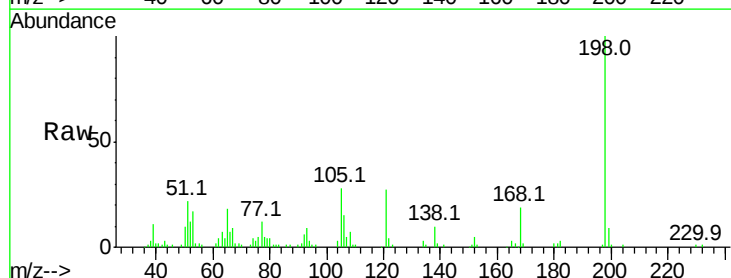
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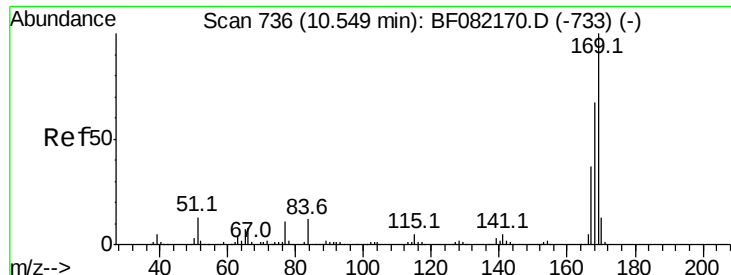
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.94 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	22.3	13.6	53.6	
105	27.6	17.1	57.1	





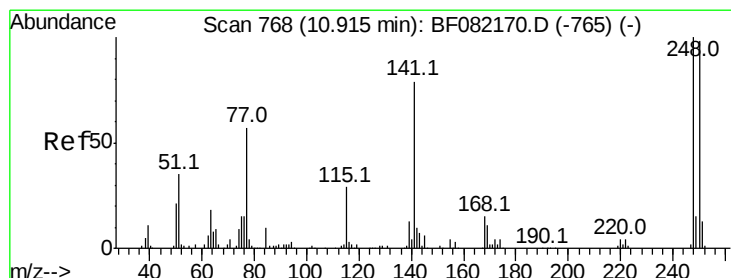
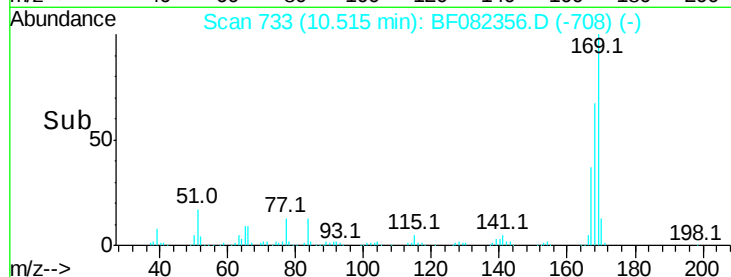
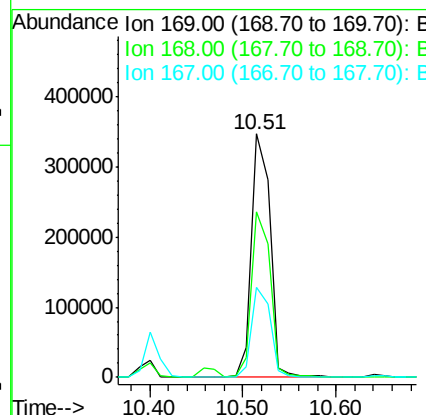
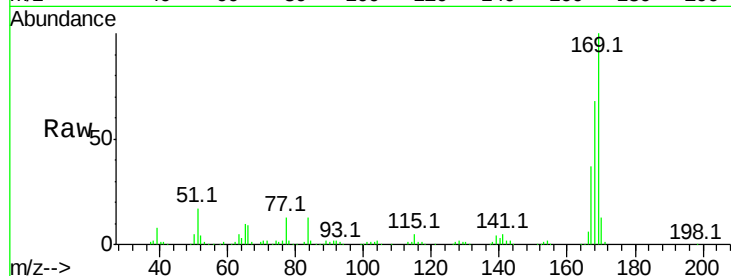
#65
n-Nitrosodiphenylamine
Concen: 43.17 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.7	54.0	81.0	
167	37.1	29.6	44.4	

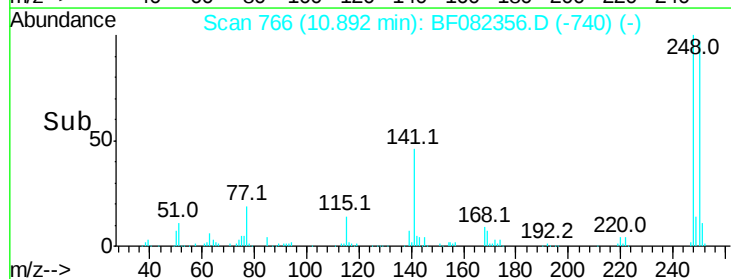
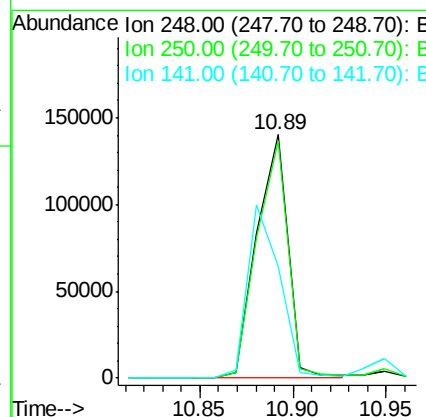
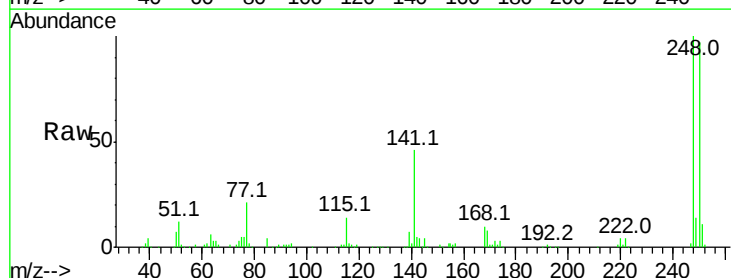
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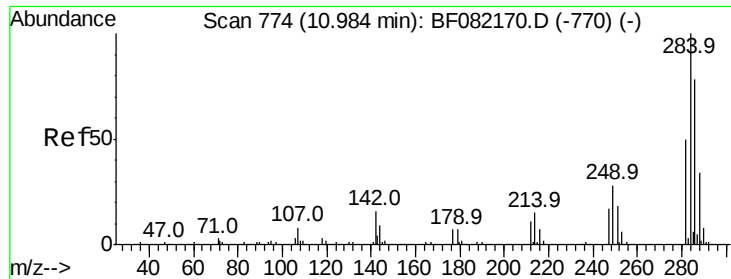
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#66
4-Bromophenyl-phenylether
Concen: 43.34 ng
RT: 10.89 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.2	78.6	117.8	
141	45.7	63.3	94.9	





#67

Hexachlorobenzene

Concen: 41.72 ng

RT: 10.95 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

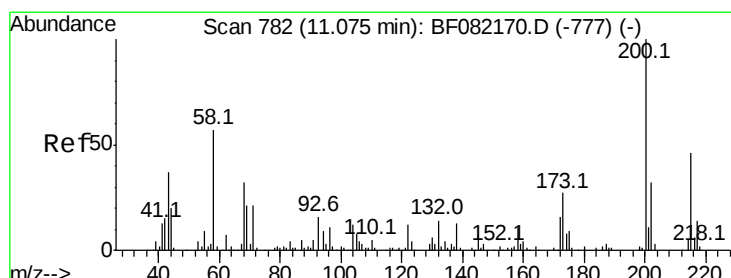
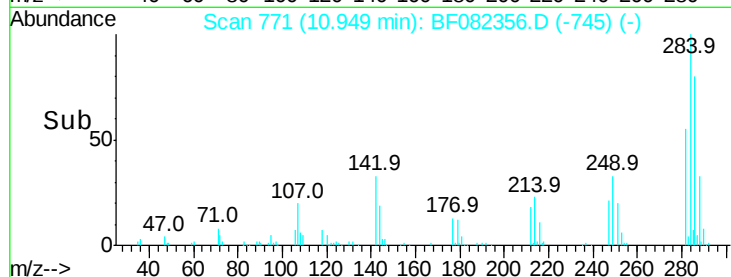
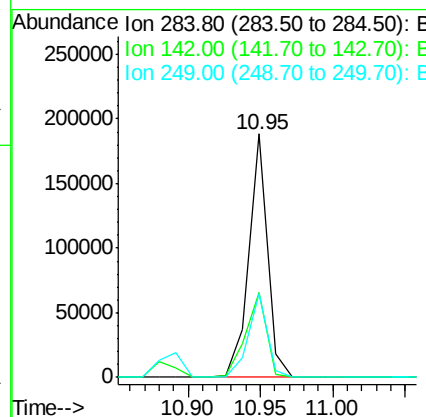
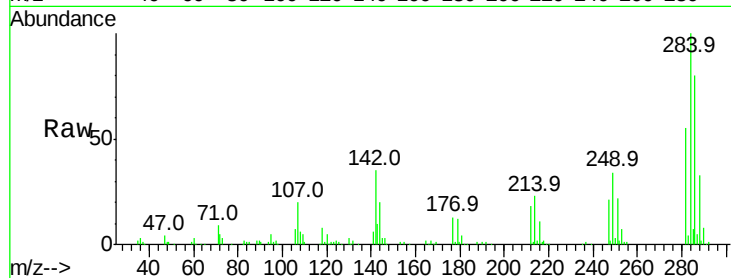
ClientSampleId :

PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	168797		
142	34.9	13.0	19.6#	
249	34.5	22.5	33.7#	

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#68

Atrazine

Concen: 50.04 ng

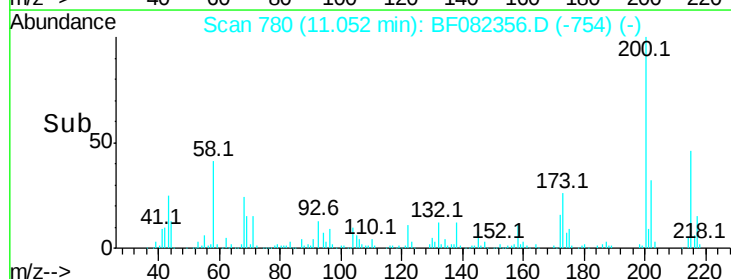
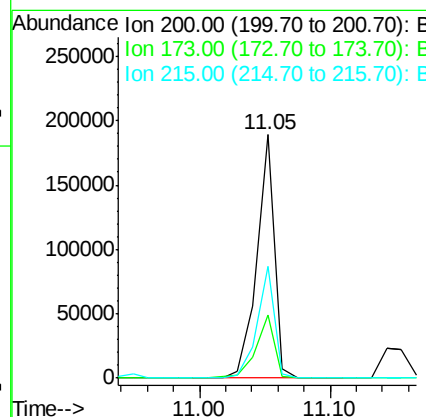
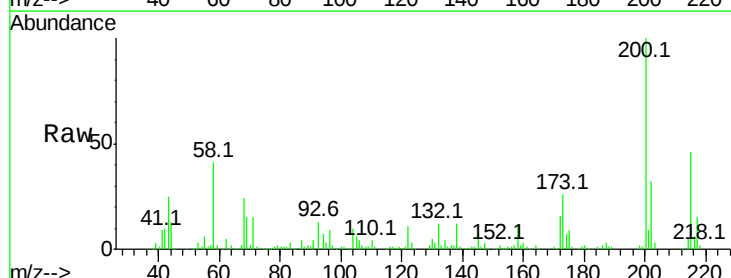
RT: 11.05 min Scan# 780

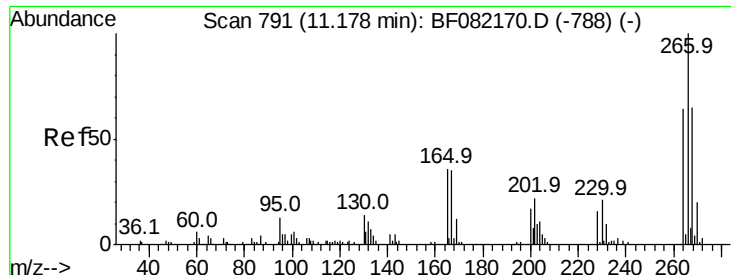
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	177423		
173	26.0	7.3	47.3	
215	46.1	26.2	66.2	





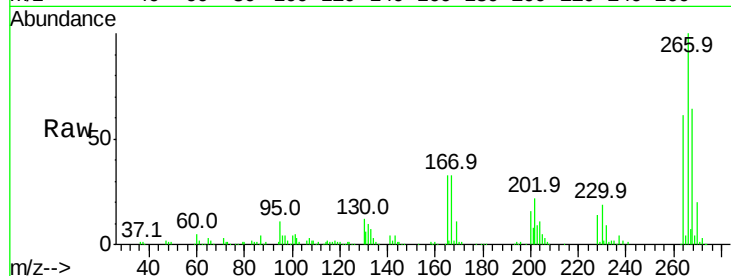
#69
 Pentachlorophenol
 Concen: 89.09 ng
 RT: 11.15 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

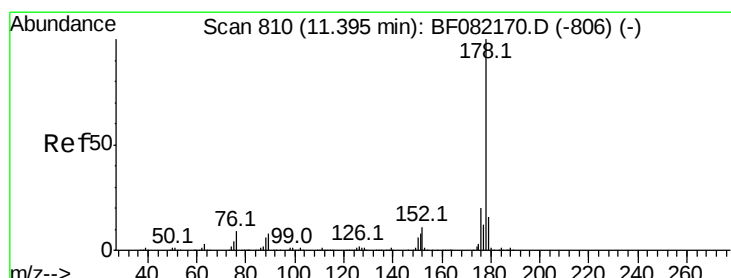
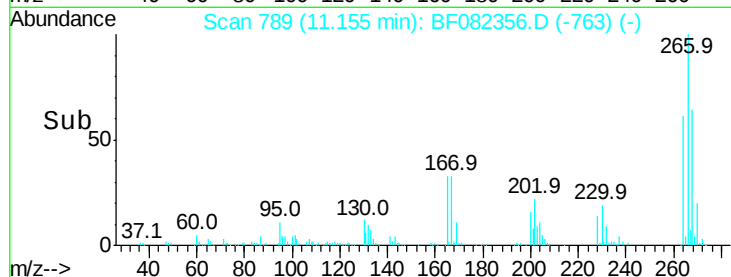
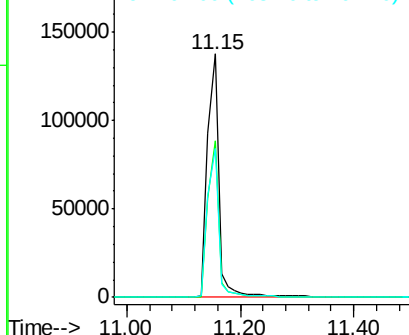
Tot Ion	Ratio	Resp	Lower	Upper
266	100	185475		
268	64.3	52.0	78.0	
264	61.3	51.4	77.0	

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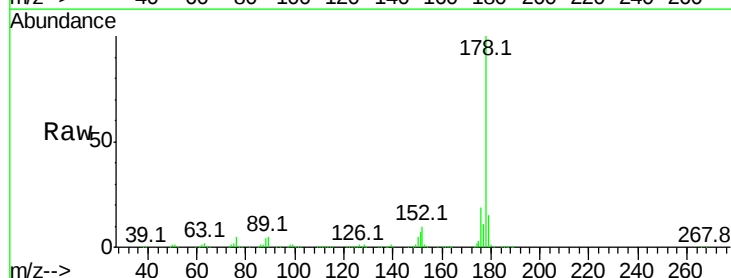


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

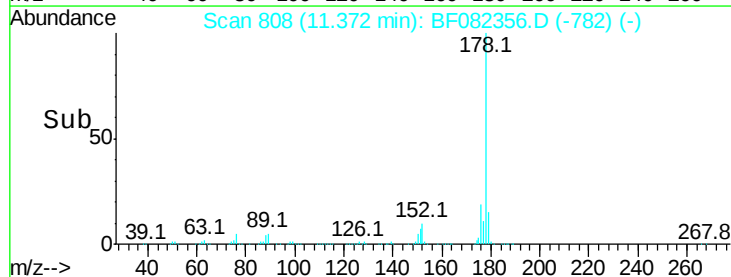
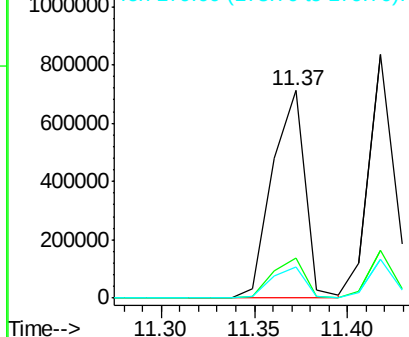


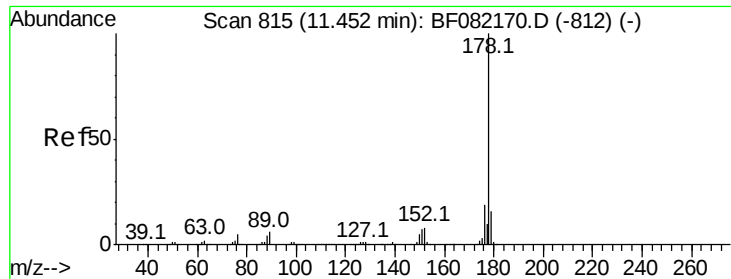
#70
 Phenanthrene
 Concen: 47.12 ng
 RT: 11.37 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	863297		
176	19.3	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





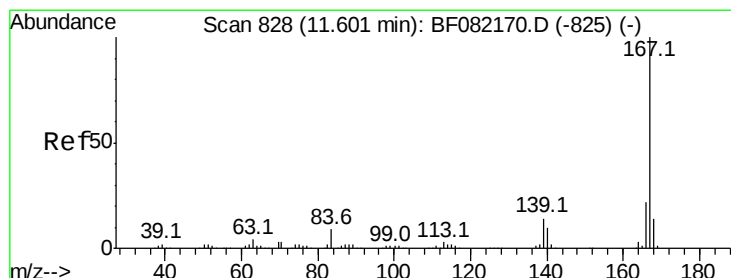
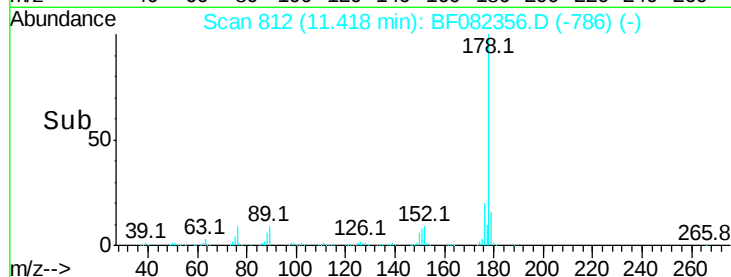
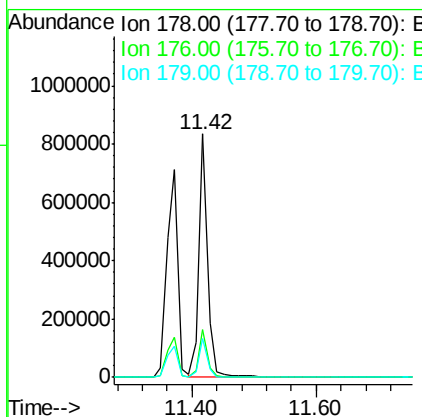
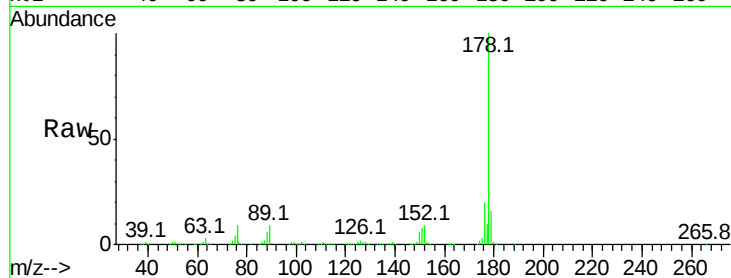
#71
 Anthracene
 Concen: 43.54 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	16.2	12.5	18.7

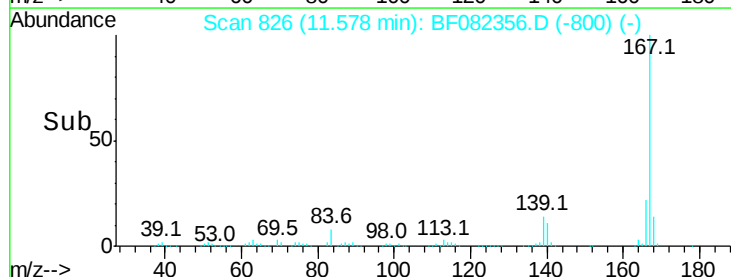
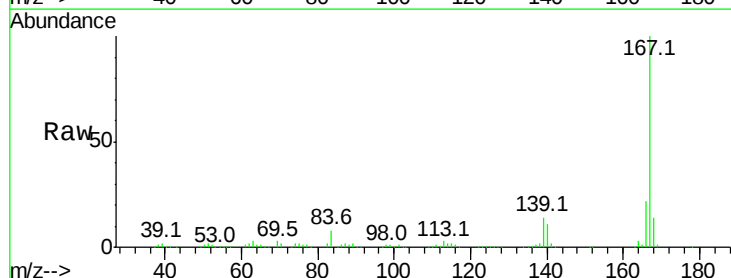
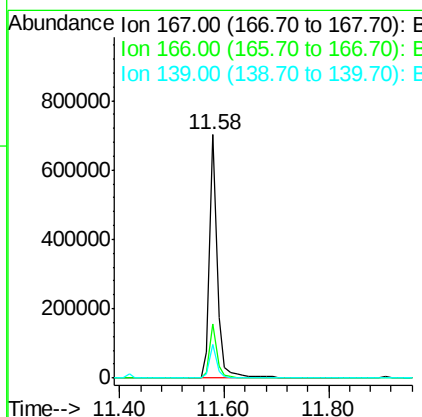
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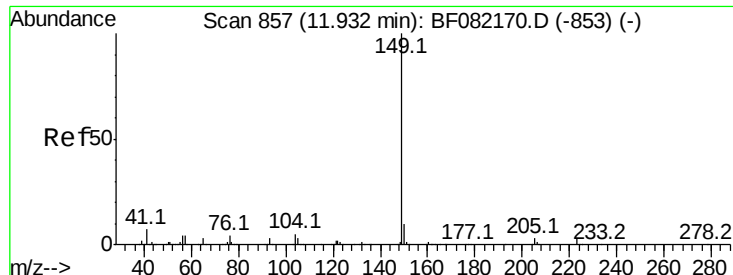
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#72
 Carbazole
 Concen: 42.18 ng
 RT: 11.58 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.3	25.9
139	13.8	11.2	16.8





#73

Di-n-butylphthalate

Concen: 45.85 ng

RT: 11.91 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

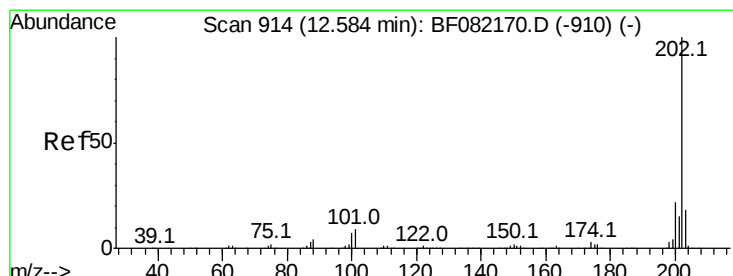
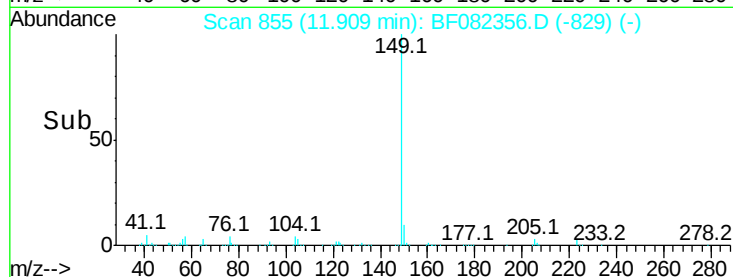
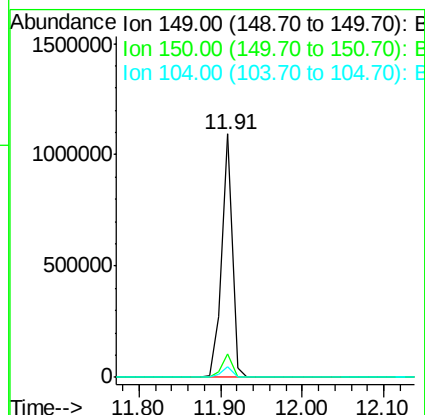
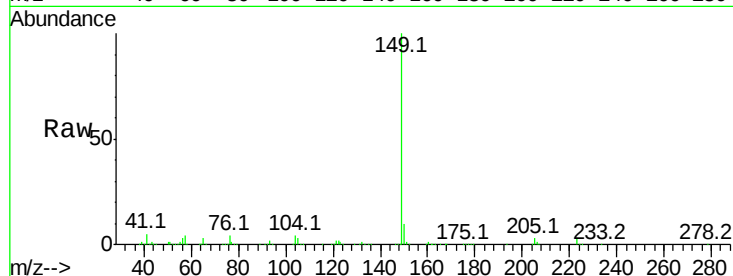
ClientSampleID :

PB86128BS

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Tot Ion	Ratio	Resp	Lower	Upper
149	100	974195		
150	9.6	7.8	11.6	
104	4.4	3.8	5.8	



#74

Fluoranthene

Concen: 43.35 ng

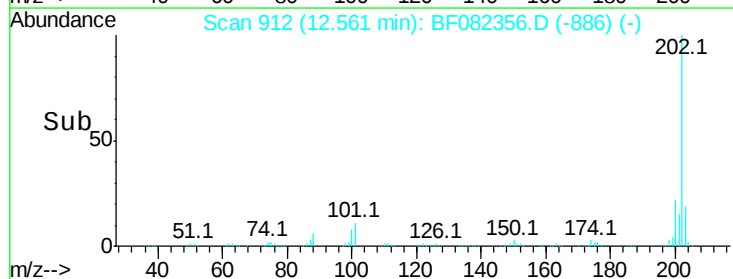
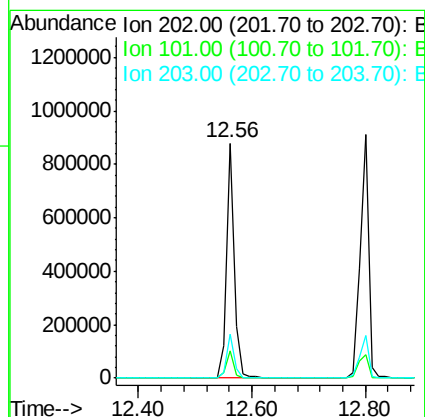
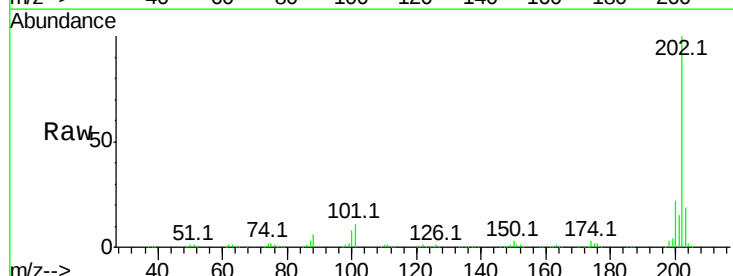
RT: 12.56 min Scan# 912

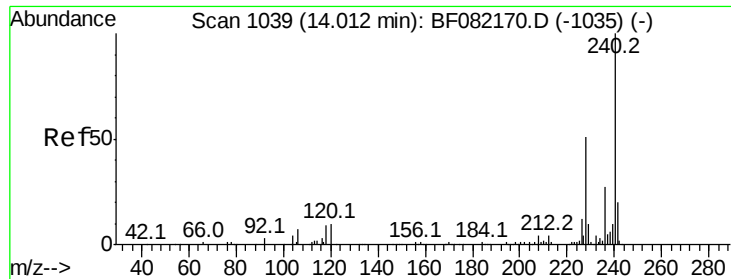
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	853124		
101	11.4	0.0	29.3	
203	18.6	0.0	37.8	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Instrument :

BNA_F

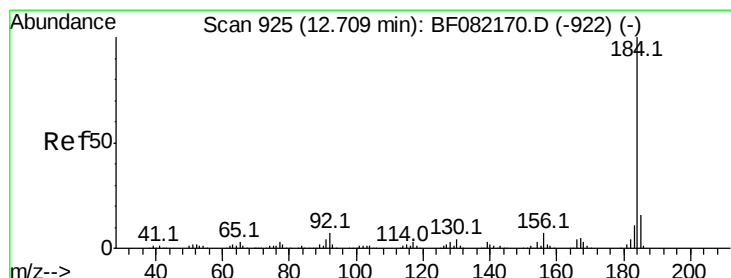
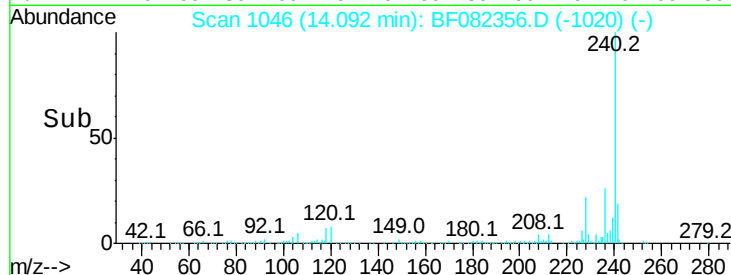
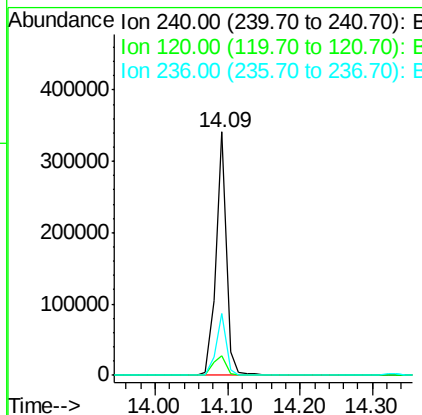
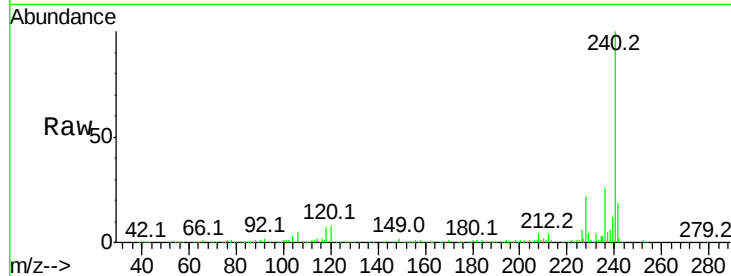
ClientSampleId :

PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	341594		
120	7.8	8.1	12.1#	
236	25.6	21.3	31.9	

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10/20/2015 6:25:46 PM



#76

Benzidine

Concen: 37.82 ng

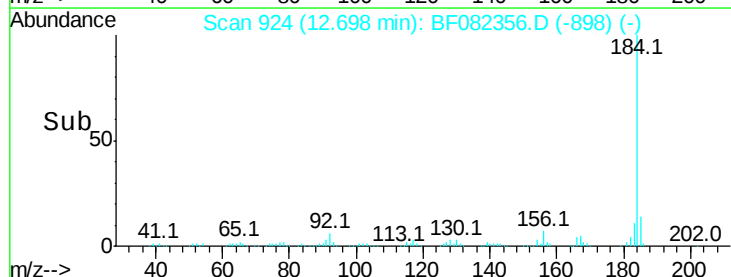
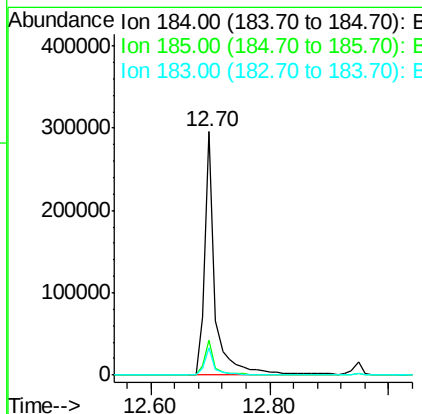
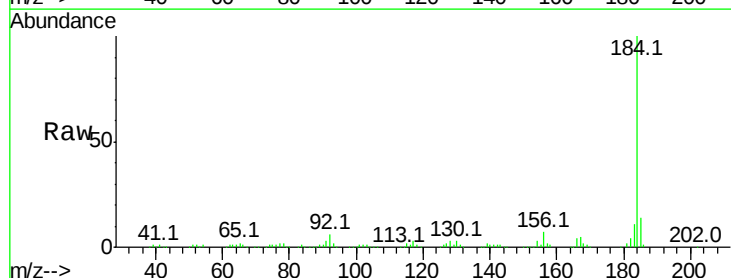
RT: 12.70 min Scan# 924

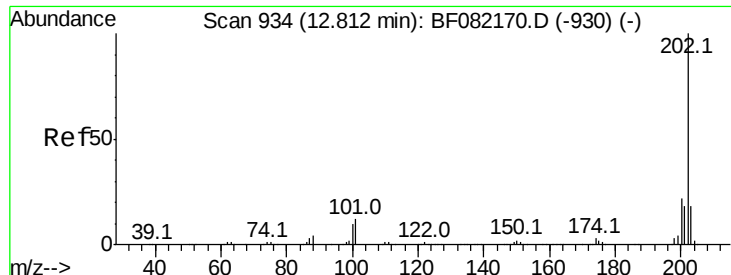
Delta R.T. -0.00 min

Lab File: BF082356.D

Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	374352		
185	14.2	12.5	18.7	
183	11.4	9.1	13.7	





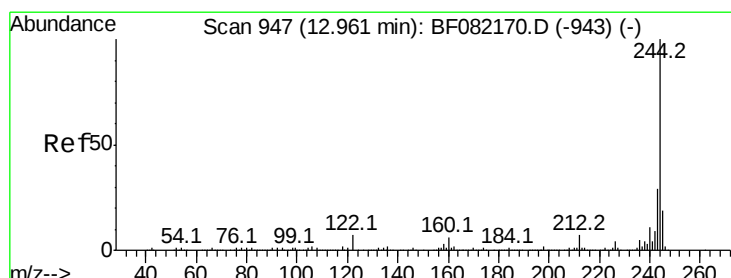
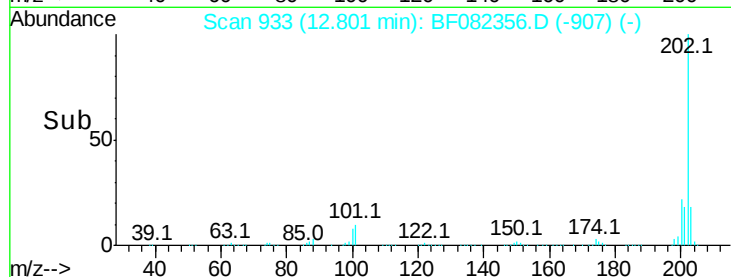
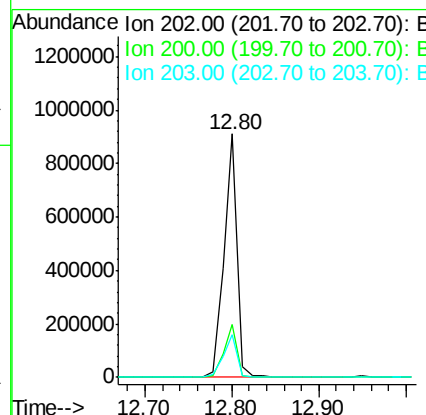
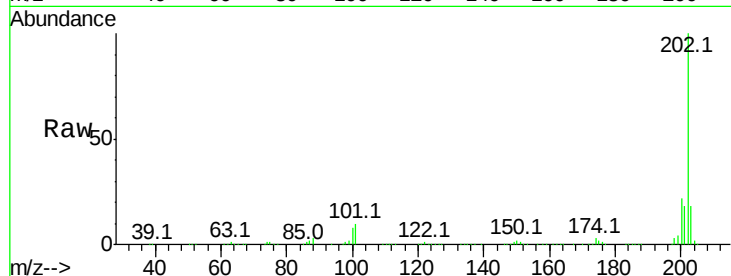
#77
Pvrene
Concen: 47.17 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.9	26.9
203	17.7	14.5	21.7

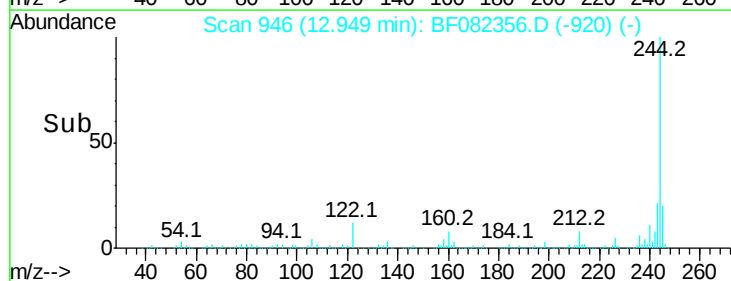
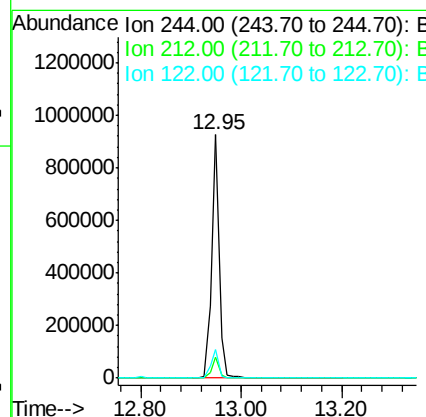
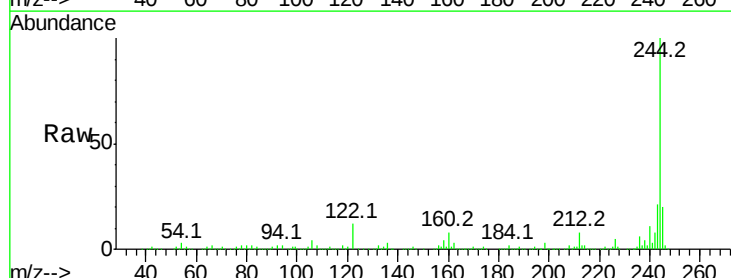
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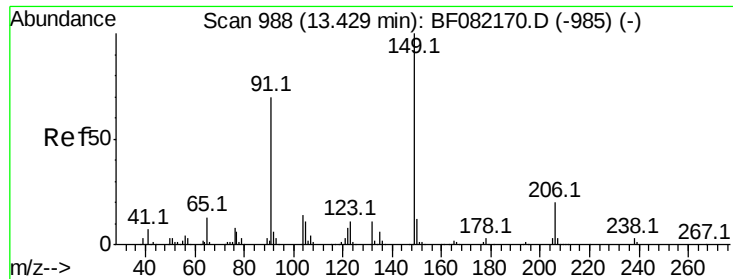
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#78
Terphenyl-d14
Concen: 75.07 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	5.8	8.6
122	11.9	5.9	8.9#





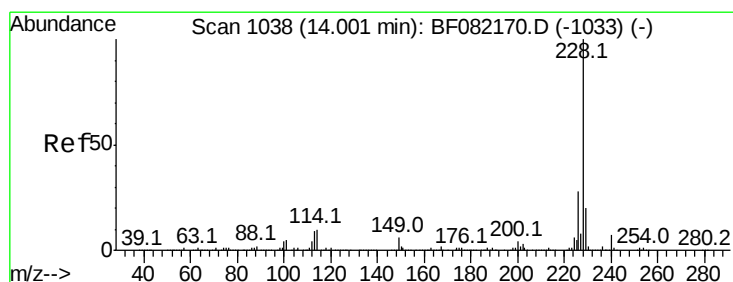
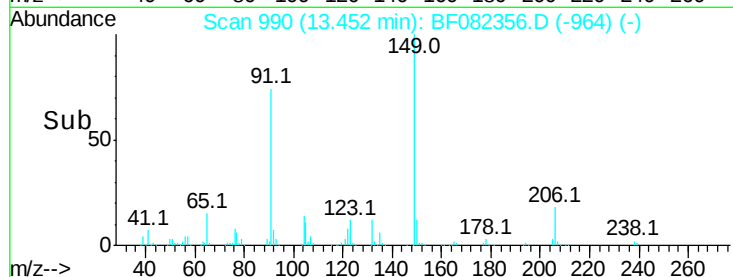
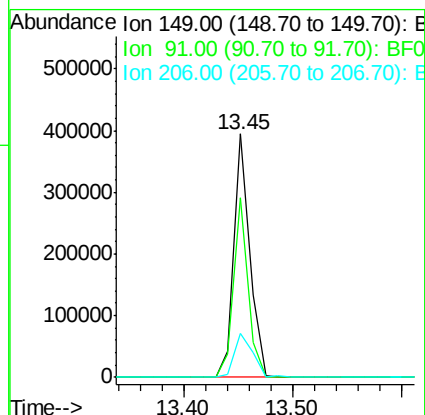
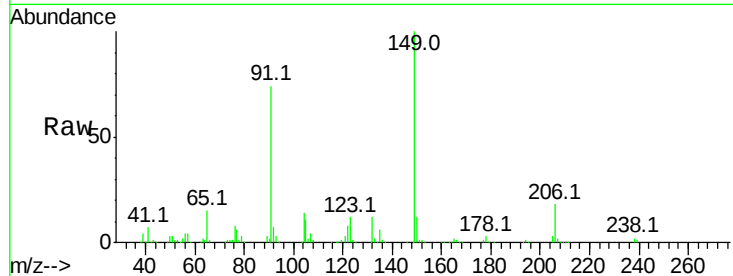
#79
Butylbenzylphthalate
Concen: 42.66 ng
RT: 13.45 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	394684		
91	73.9	55.7	83.5	
206	18.2	15.6	23.4	

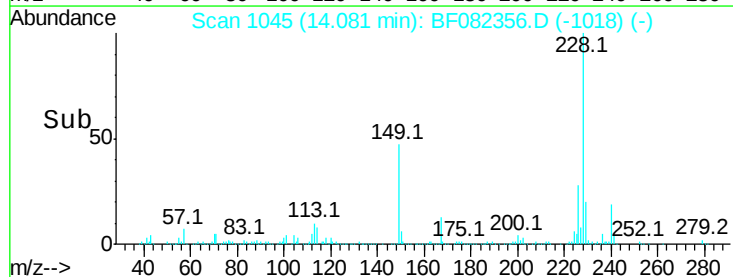
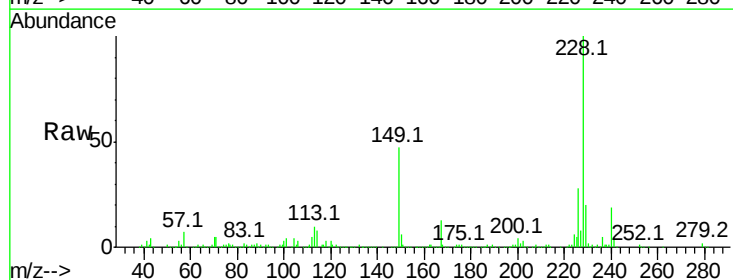
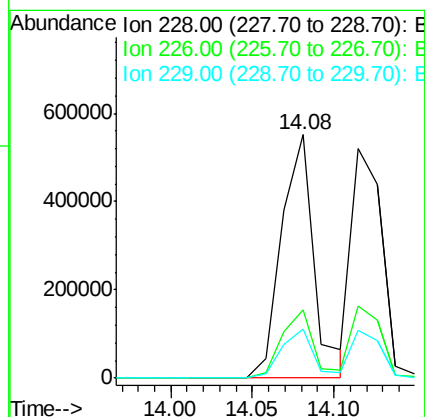
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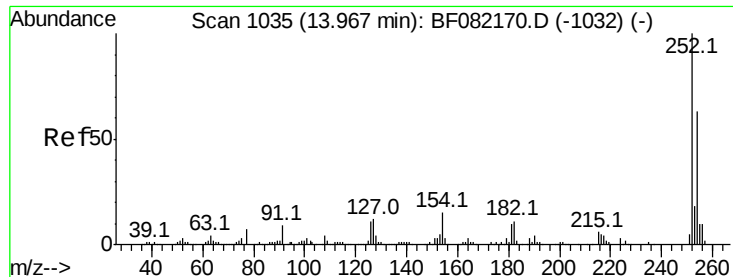
MMdadoda
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#80
Benzo(a)anthracene
Concen: 43.17 ng
RT: 14.08 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	767221		
226	28.2	22.3	33.5	
229	20.2	16.2	24.2	





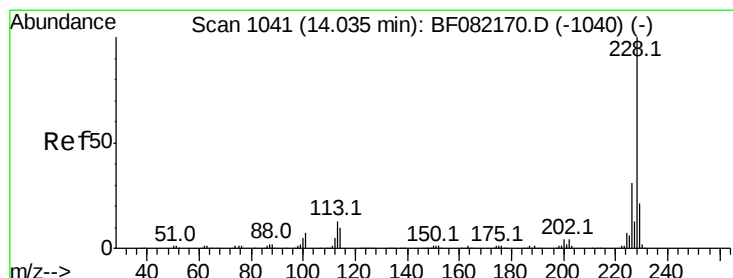
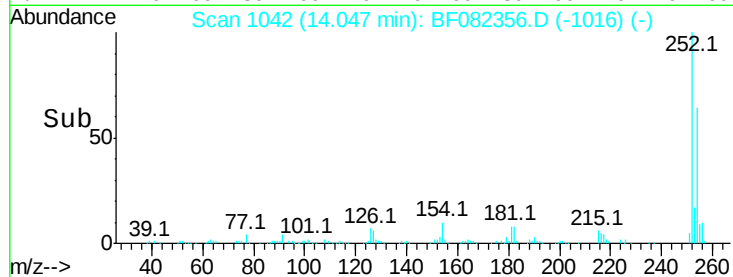
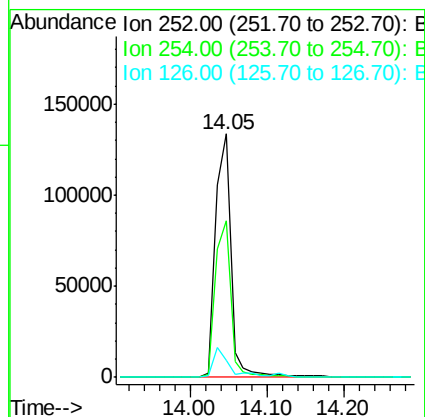
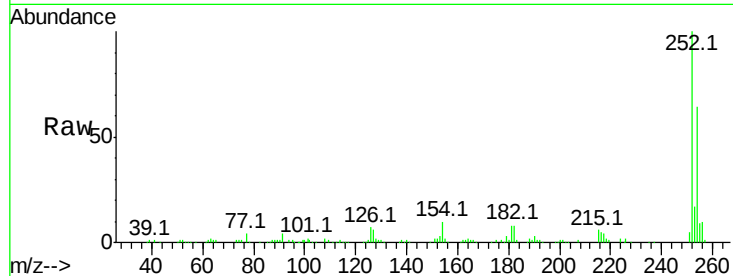
#81
 3,3'-Dichlorobenzidine
 Concen: 27.79 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.7	76.1
126	6.8	9.0	13.6

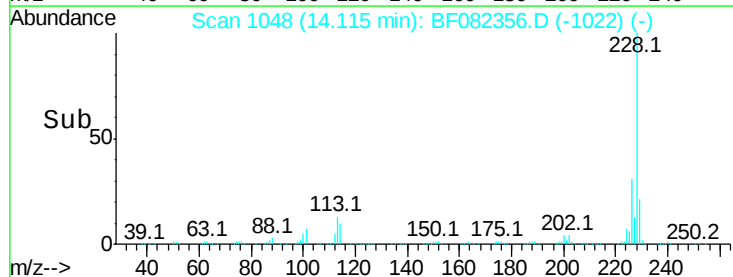
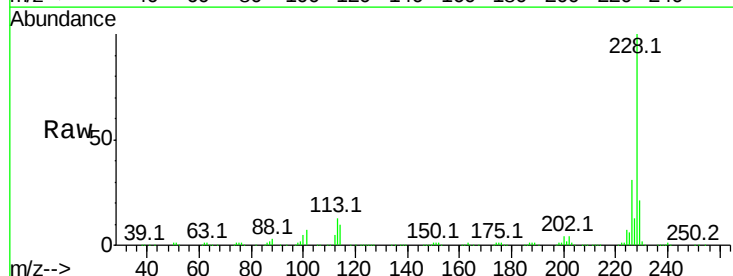
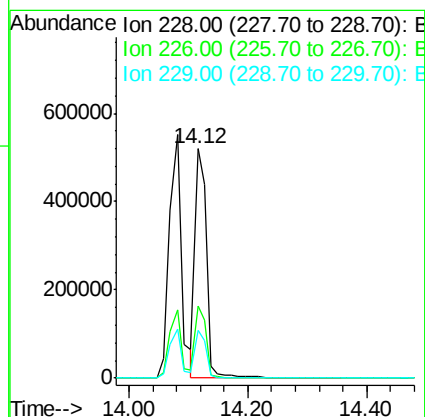
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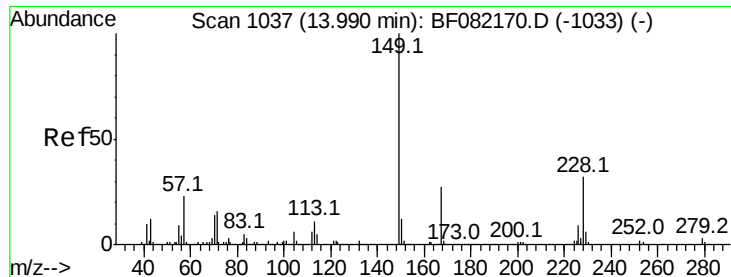
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#82
 Chrysene
 Concen: 37.71 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.8	16.3	24.5





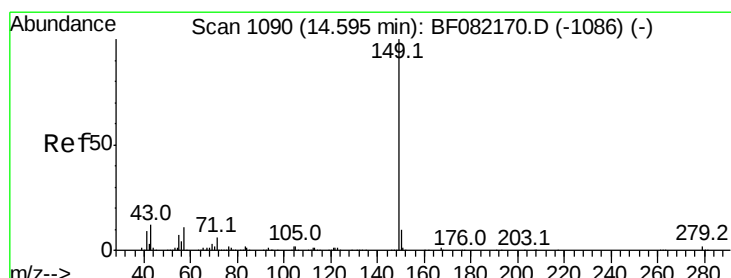
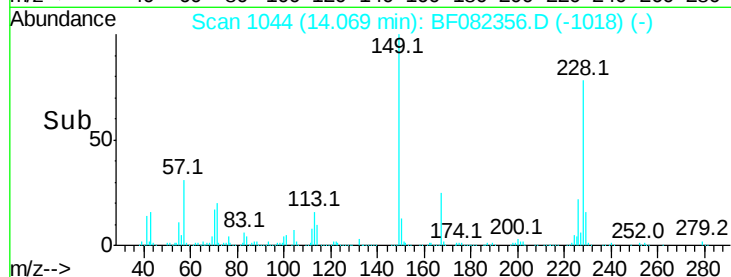
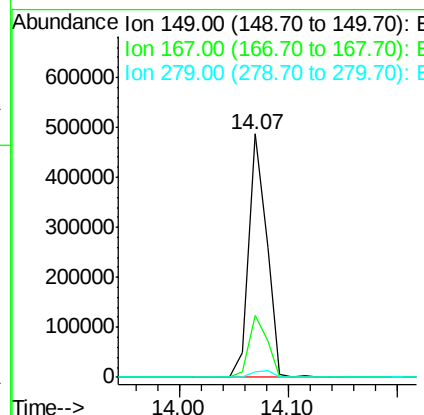
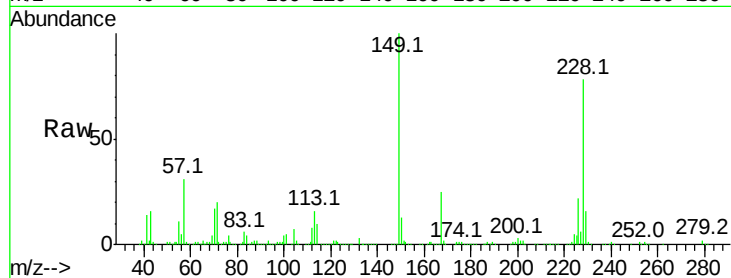
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.94 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	25.3	21.3	31.9
279	2.2	2.6	4.0

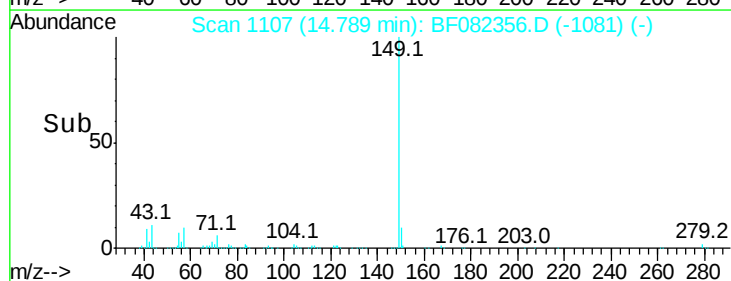
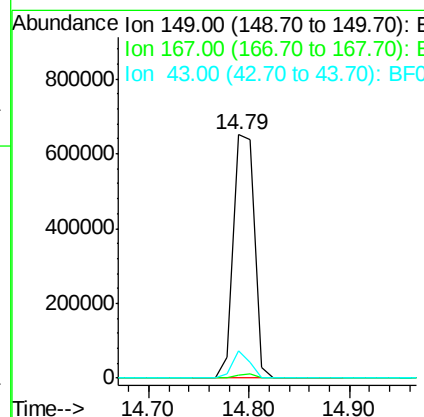
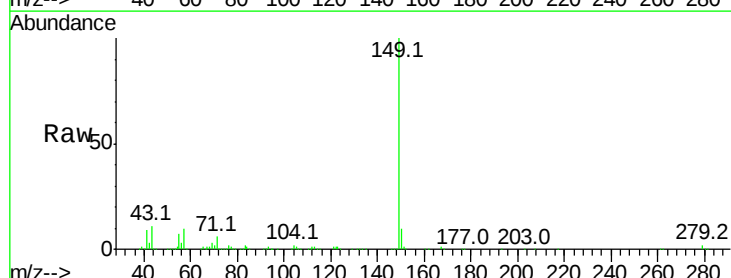
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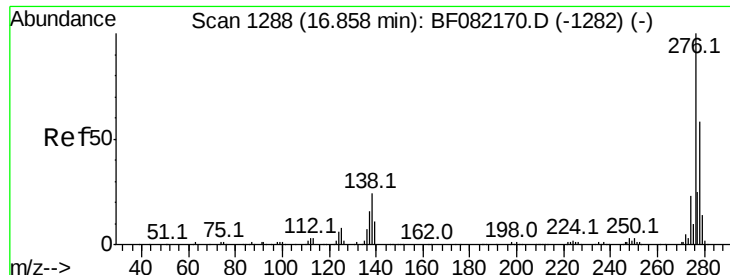
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#84
 Di-n-octyl phthalate
 Concen: 41.78 ng
 RT: 14.79 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.4	11.2





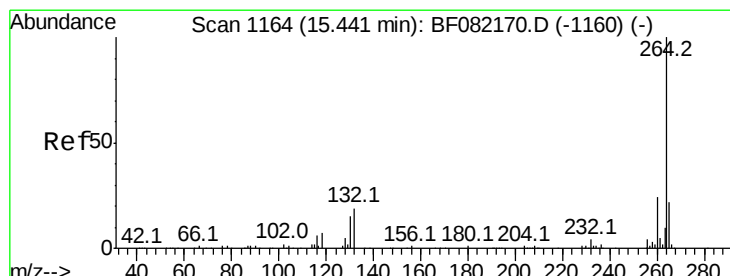
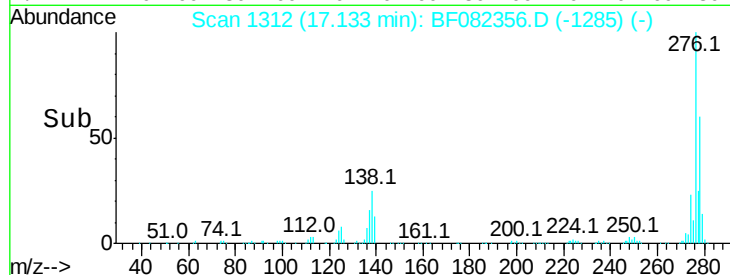
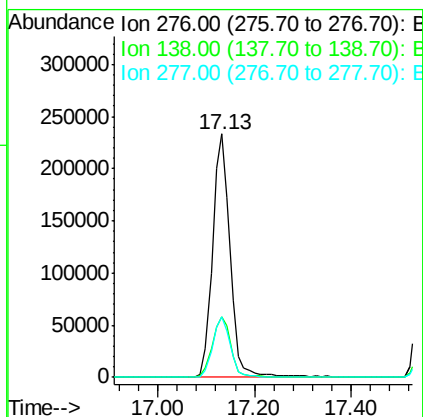
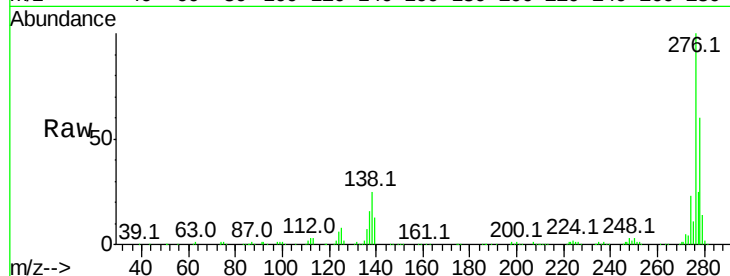
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.27 ng
RT: 17.13 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.7	29.5
277	25.0	20.1	30.1

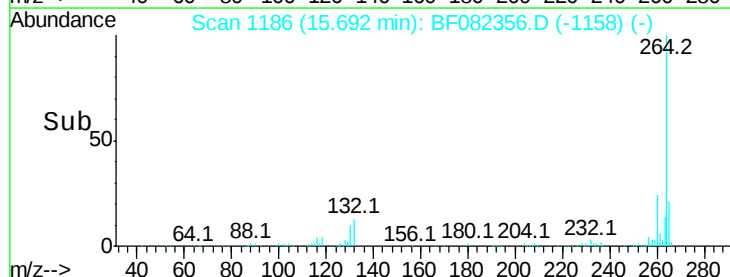
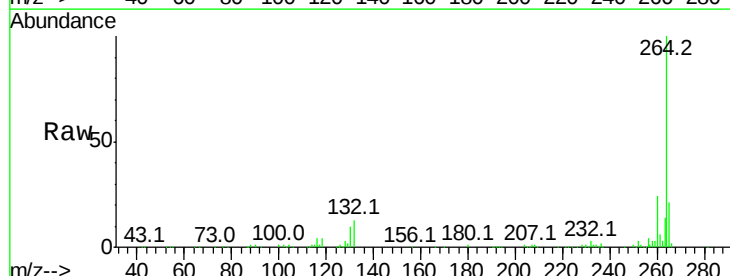
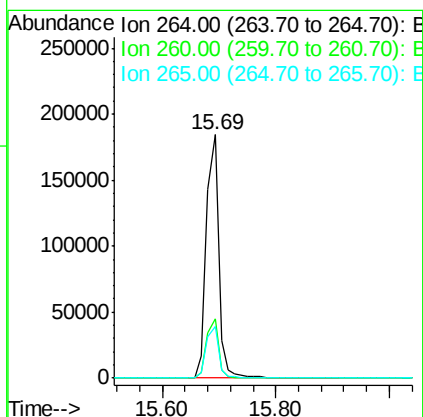
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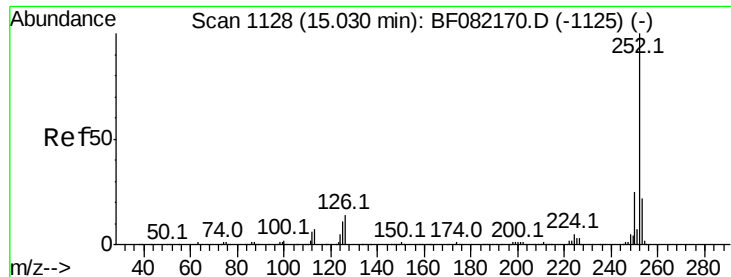
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1186
Delta R.T. 0.02 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.2	17.3	25.9





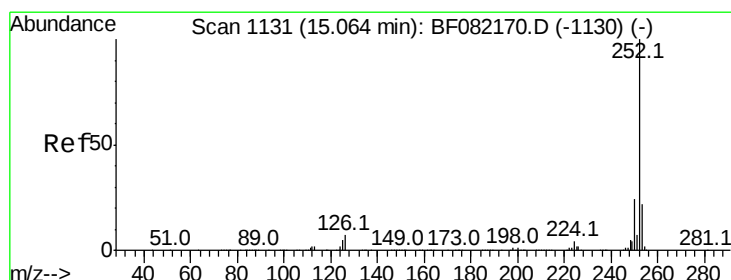
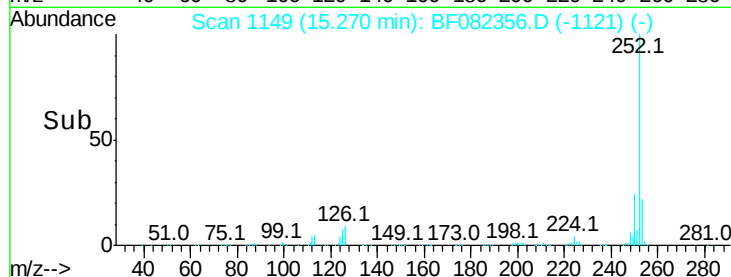
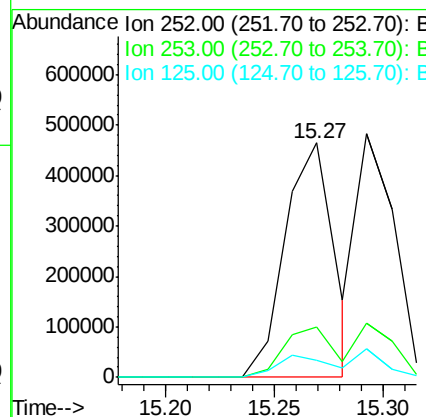
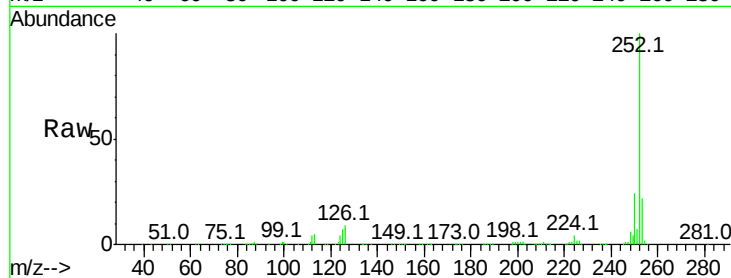
#87
Benzo(b)fluoranthene
Concen: 44.23 ng
RT: 15.27 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	18.0	27.0
125	7.2	8.6	12.8#

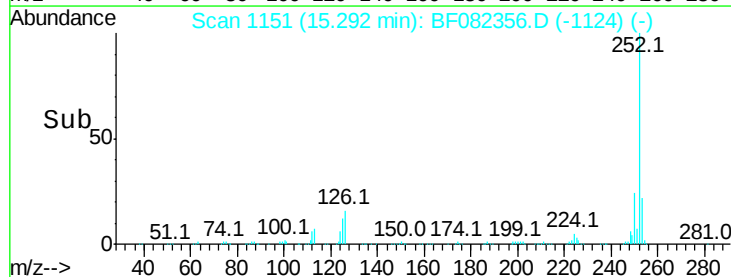
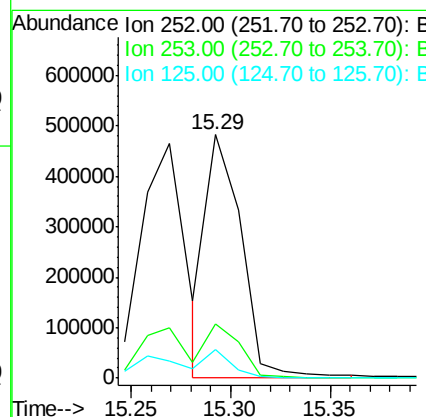
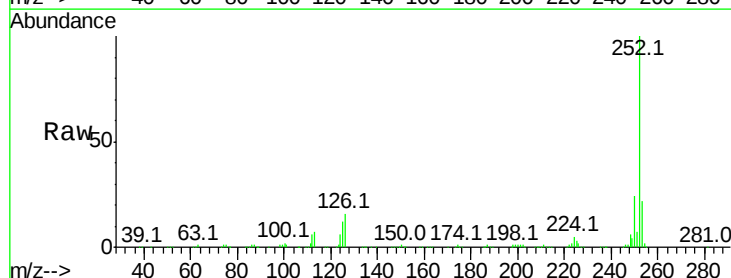
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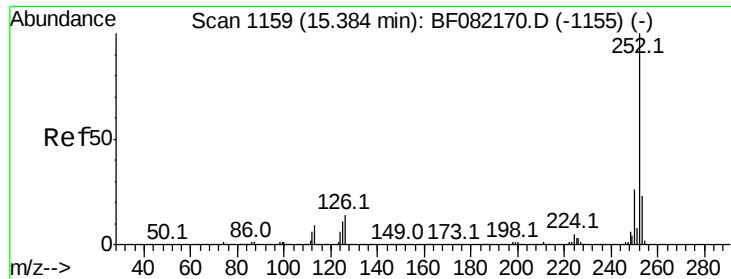
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#88
Benzo(k)fluoranthene
Concen: 43.46 ng m
RT: 15.29 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.6	6.7	10.1#





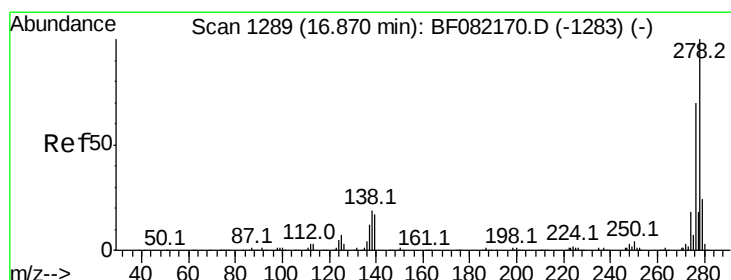
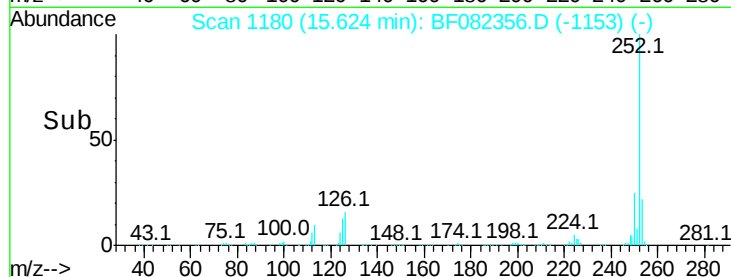
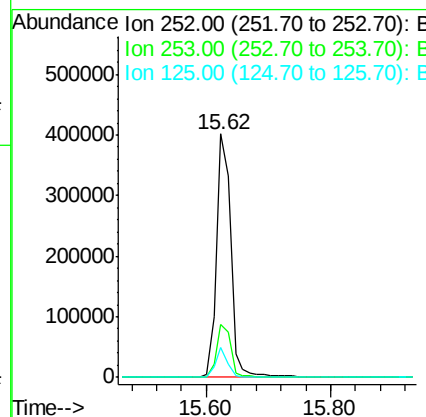
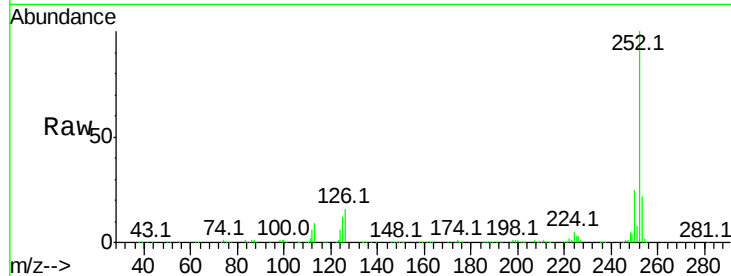
#89
Benzo(a)pyrene
Concen: 44.54 ng
RT: 15.62 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	12.2	8.9	13.3

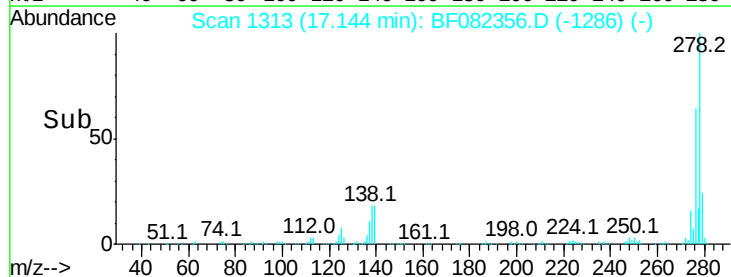
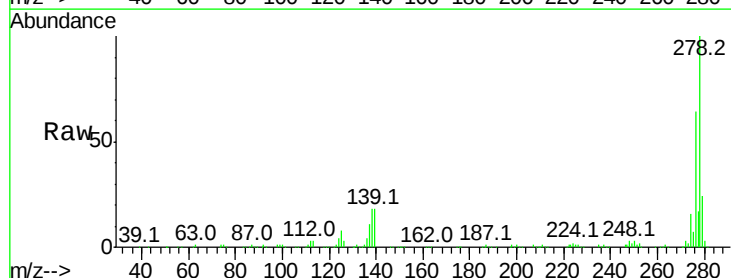
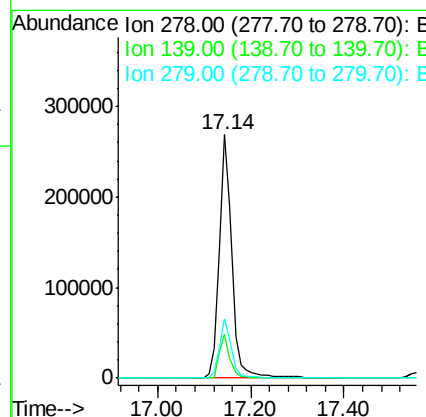
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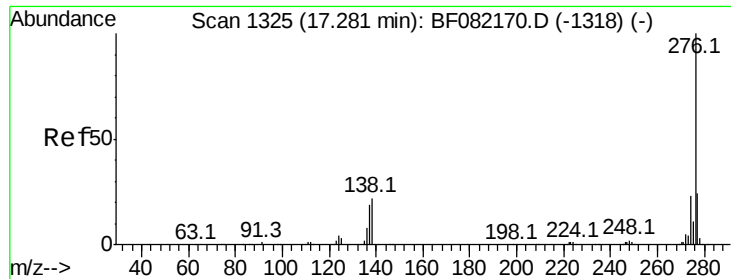
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#90
Dibenzo(a,h)anthracene
Concen: 43.95 ng
RT: 17.14 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF082356.D
Acq: 19 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.3	19.9
279	24.5	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 44.44 ng
 RT: 17.56 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF082356.D
 Acq: 19 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BS

Tot Ion:	276	Resp:	499327
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	24.4	17.4	26.2

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