

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082355.D
 Acq On : 19 Oct 2015 15:02
 Operator : UM/IZ
 Sample : PB86137BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:25:45 PM

Quant Time: Oct 20 02:15:58 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	98417	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	376523	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	201122	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	378303	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	353538	20.00	ng	-0.01
86) Perylene-d12	15.67	264	306752	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	605112	124.09	ng	0.01
7) Phenol-d6	6.45	99	741288	116.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	479501	85.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	208183	110.37	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1044163	86.10	ng	0.00
78) Terphenyl-d14	12.95	244	1070564	80.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	74541	30.42	ng	99
3) Pyridine	3.13	79	211810	37.17	ng	98
4) n-Nitrosodimethylamine	3.10	42	87956	36.39	ng	94
6) Aniline	6.47	93	190368	23.27	ng	# 80
8) 2-Chlorophenol	6.58	128	222344	37.35	ng	# 77
9) Benzaldehyde	6.34	77	49875	15.39	ng	88
10) Phenol	6.46	94	246083	33.63	ng	84
11) bis(2-Chloroethyl)ether	6.55	93	225405	36.43	ng	96
12) 1,3-Dichlorobenzene	6.74	146	264183	38.11	ng	97
13) 1,4-Dichlorobenzene	6.82	146	267183	36.90	ng	97
14) 1,2-Dichlorobenzene	6.97	146	258641	37.62	ng	95
15) Benzyl Alcohol	6.95	79	175818	40.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	310589	36.05	ng	98
17) 2-Methylphenol	7.07	107	186174	39.55	ng	98
18) Hexachloroethane	7.31	117	93177	37.60	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	153303	34.40	ng	# 88
20) 3+4-Methylphenols	7.22	107	225772	40.25	ng	97
22) Acetophenone	7.22	105	308523	41.42	ng	# 94
24) Nitrobenzene	7.39	77	242488	39.96	ng	96
25) Isophorone	7.63	82	443065	39.15	ng	98
26) 2-Nitrophenol	7.71	139	130440	43.04	ng	98
27) 2,4-Dimethylphenol	7.76	122	208024	42.61	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	283069	42.99	ng	99
29) 2,4-Dichlorophenol	7.95	162	207377	42.49	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	221155	39.31	ng	99
31) Naphthalene	8.11	128	658269	40.33	ng	100
32) Benzoic acid	7.89	122	124290	37.93	ng	98
33) 4-Chloroaniline	8.17	127	127423	18.80	ng	99
34) Hexachlorobutadiene	8.23	225	133257	38.02	ng	98
35) Caprolactam	8.55	113	63239	44.65	ng	91
36) 4-Chloro-3-methylphenol	8.66	107	213521	44.74	ng	96
37) 2-Methylnaphthalene	8.81	142	482212	42.62	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	216969	36.27	ng	98
40) Hexachlorocyclopentadiene	8.96	237	183442	62.62	ng	99

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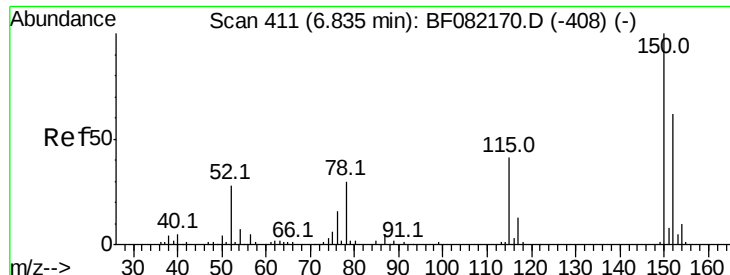
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	145820	36.70	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	166870	38.77	nq	# 95
45) 1,1'-Biphenyl	9.28	154	592921	38.66	nq	95
46) 2-Chloronaphthalene	9.30	162	468955	38.84	nq	98
47) 2-Nitroaniline	9.41	65	142926	43.12	nq	# 77
48) Acenaphthylene	9.71	152	711532	37.83	nq	100
49) Dimethylphthalate	9.58	163	548736	38.75	nq	99
50) 2,6-Dinitrotoluene	9.65	165	115450	38.63	nq	# 79
51) Acenaphthene	9.89	154	416611	36.90	nq	99
52) 3-Nitroaniline	9.82	138	76001	22.52	nq	100
53) 2,4-Dinitrophenol	9.93	184	132381	79.33	nq	90
54) Dibenzofuran	10.06	168	613469	39.58	nq	97
55) 4-Nitrophenol	9.99	139	152541	69.17	nq	87
56) 2,4-Dinitrotoluene	10.06	165	161016	43.11	nq	92
57) Fluorene	10.40	166	493337	38.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	139361	39.63	nq	98
59) Diethylphthalate	10.29	149	553199	41.90	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	245387	42.08	nq	# 81
61) 4-Nitroaniline	10.43	138	120160	36.70	nq	92
62) Azobenzene	10.56	77	528650	40.92	nq	85
64) 4,6-Dinitro-2-methylphenol	10.46	198	83530	39.35	nq	# 47
65) n-Nitrosodiphenylamine	10.51	169	448111	39.56	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	143619	37.93	nq	# 82
67) Hexachlorobenzene	10.95	284	160744	39.26	nq	# 76
68) Atrazine	11.05	200	164693	45.90	nq	97
69) Pentachlorophenol	11.15	266	172008	81.64	nq	97
70) Phenanthrene	11.37	178	797360	43.00	nq	99
71) Anthracene	11.42	178	790765	41.38	nq	99
72) Carbazole	11.58	167	699319	40.12	nq	99
73) Di-n-butylphthalate	11.91	149	922703	42.91	nq	99
74) Fluoranthene	12.56	202	820405	41.19	nq	98
76) Benzidine	12.70	184	266283	25.99	nq	98
77) Pyrene	12.80	202	897180	42.76	nq	99
79) Butylbenzylphthalate	13.45	149	396357	41.40	nq	96
80) Benzo(a)anthracene	14.07	228	726910	39.52	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	196240	28.11	nq	100
82) Chrysene	14.12	228	726163	37.47	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	554451	40.59	nq	100
84) Di-n-octyl phthalate	14.78	149	911689	38.86	nq	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	608027	39.47	nq	98
87) Benzo(b)fluoranthene	15.25	252	647812m	34.71	nq	
88) Benzo(k)fluoranthene	15.28	252	680468m	43.38	nq	
89) Benzo(a)pyrene	15.61	252	639601	39.88	nq	97
90) Dibenzo(a,h)anthracene	17.13	278	513385	39.06	nq	97
91) Benzo(g,h,i)perylene	17.54	276	490581	38.42	nq	99

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



#1

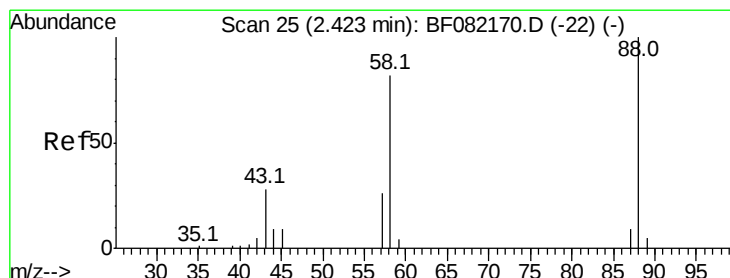
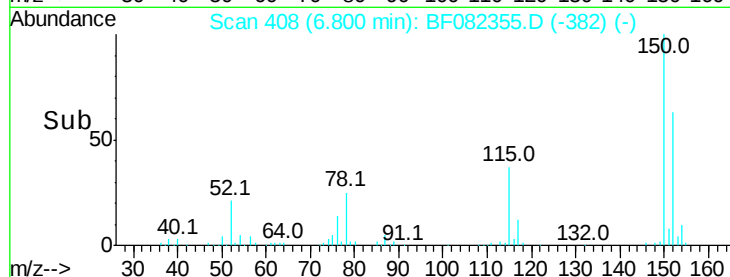
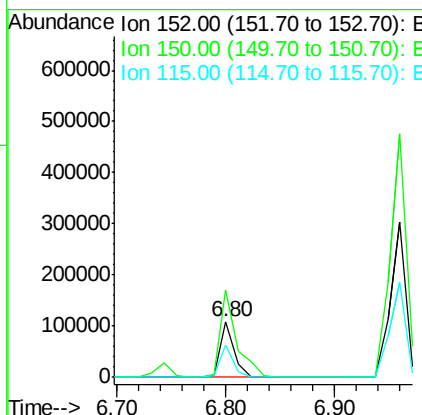
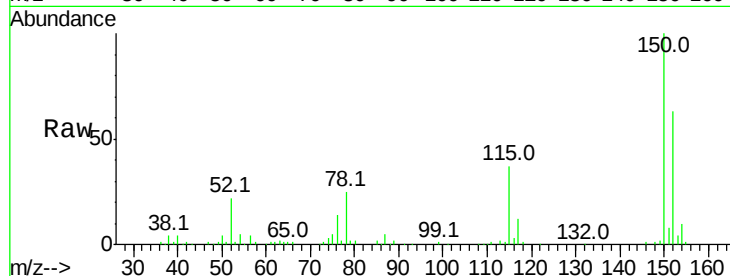
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	129.0	193.4
115	58.3	52.1	78.1

Manual Integrations
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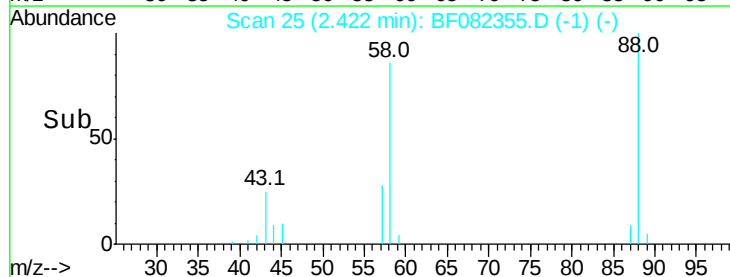
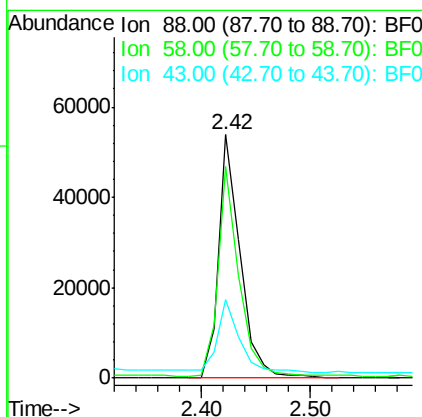
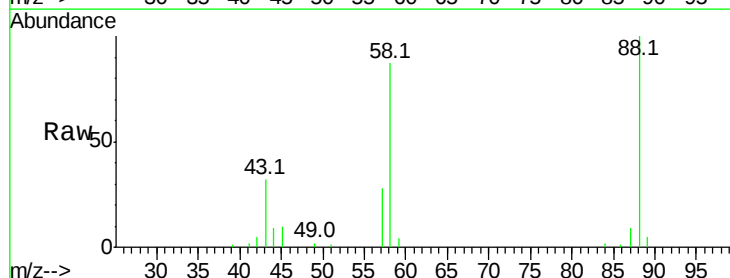
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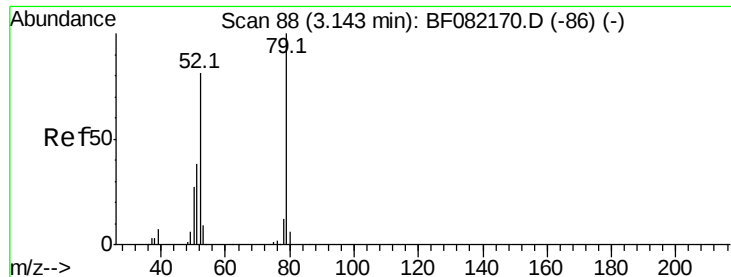


#2

1,4-Dioxane
Concen: 30.42 ng
RT: 2.42 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	66.2	99.4
43	30.2	23.0	34.4





#3

Pvridine

Concen: 37.17 ng

RT: 3.13 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

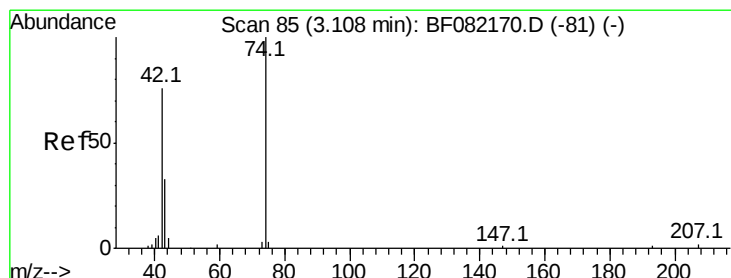
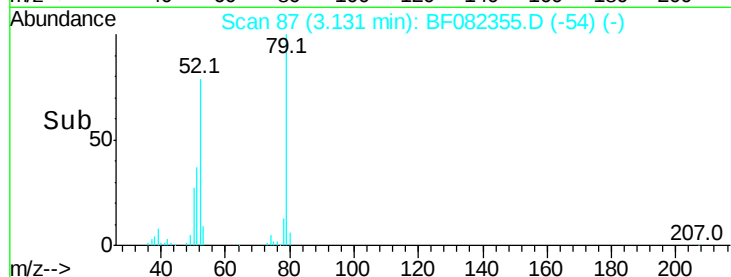
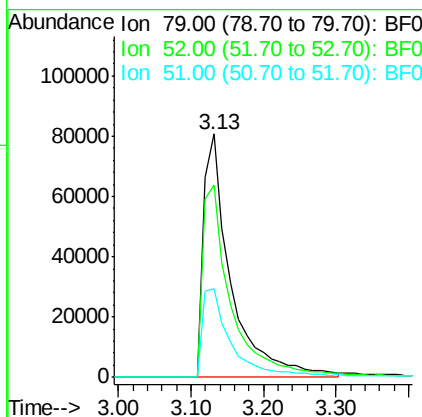
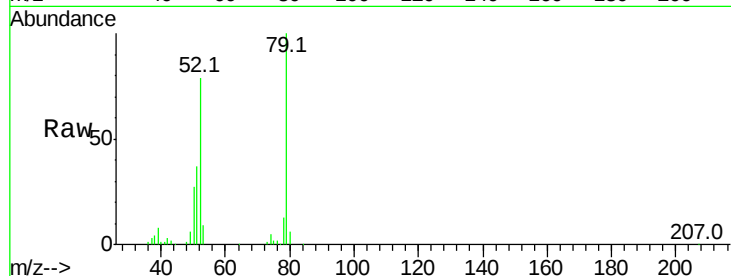
ClientSampleId :

PB86137BS

Manual Integrations
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Tot Ion:	79	Resp:	211810
Ion Ratio	Lower	Upper	
79	100		
52	79.1	64.4	96.6
51	36.6	30.5	45.7



#4

n-Nitrosodimethylamine

Concen: 36.39 ng

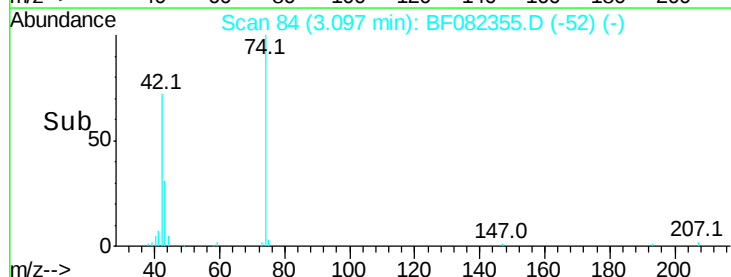
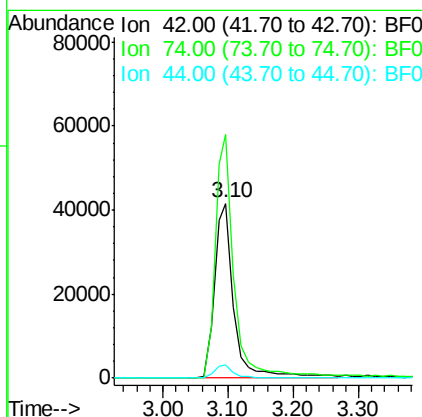
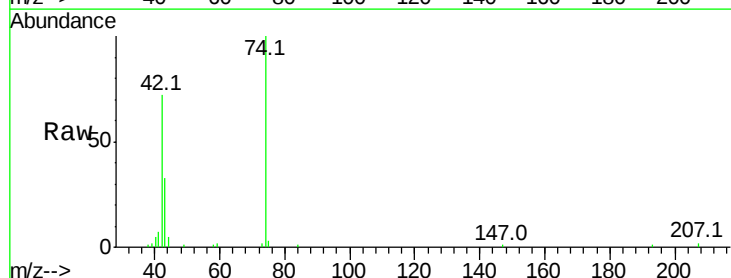
RT: 3.10 min Scan# 84

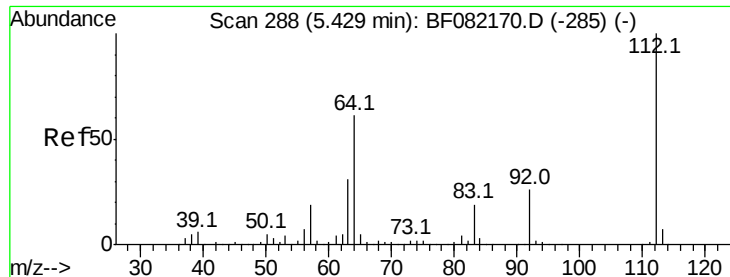
Delta R.T. 0.07 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	42	Resp:	87956
Ion Ratio	Lower	Upper	
42	100		
74	139.3	105.7	158.5
44	7.6	5.4	8.2





#5

2-Fluorophenol

Concen: 124.09 ng

RT: 5.41 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

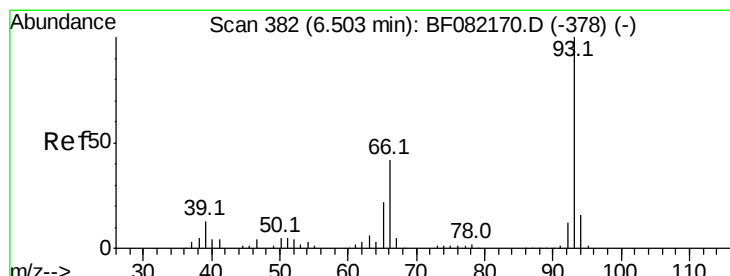
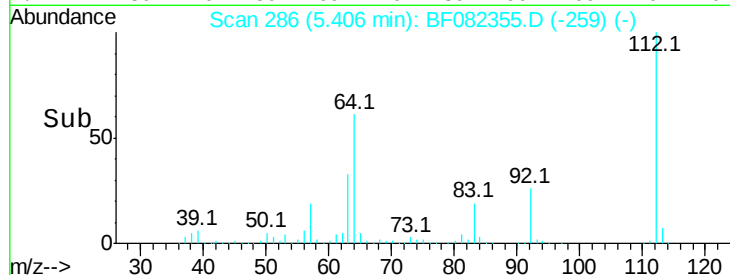
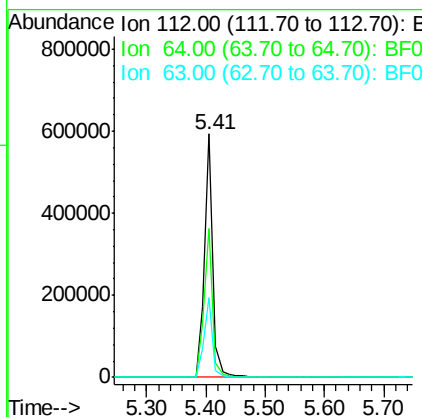
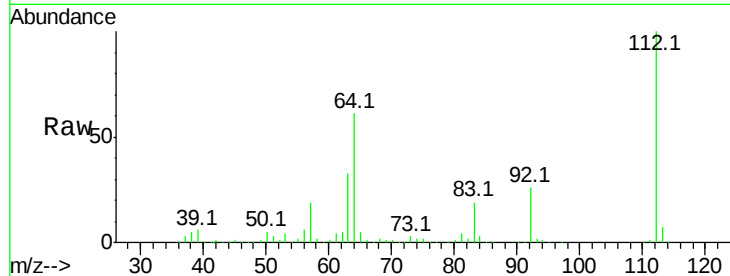
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		605112		
64	61.2	48.6	73.0		
63	32.5	25.1	37.7		

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#6

Aniline

Concen: 23.27 ng

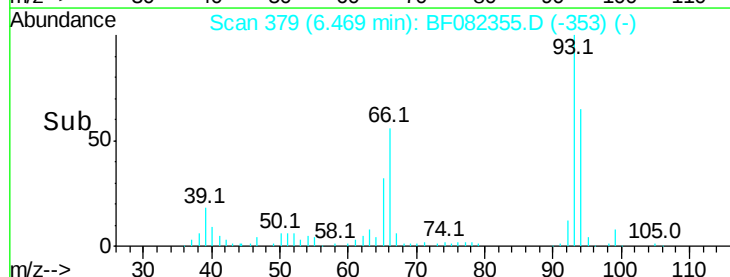
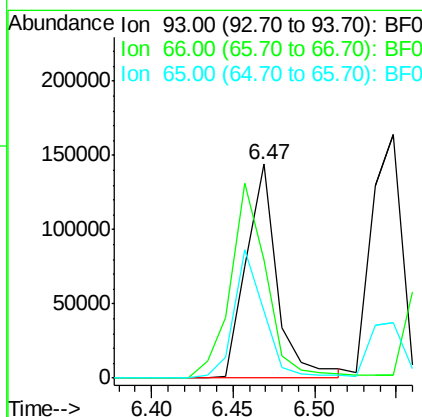
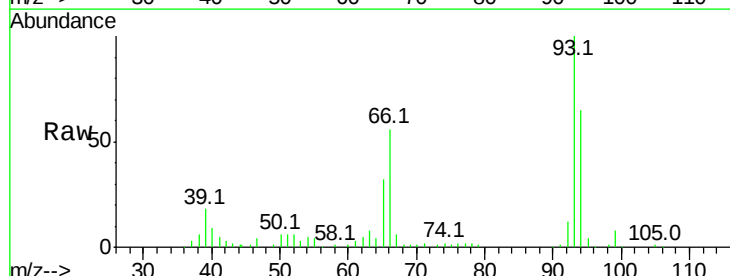
RT: 6.47 min Scan# 379

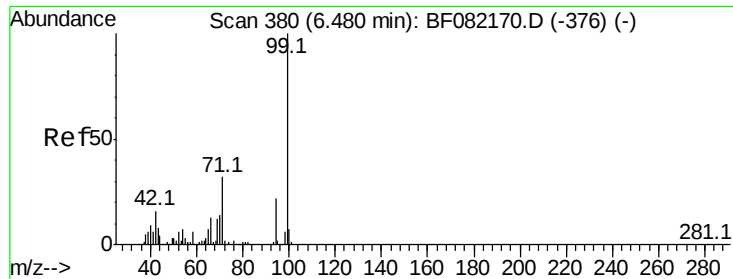
Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		190368		
66	55.6	34.2	51.2#		
65	31.6	17.9	26.9#		





#7

Phenol-d6

Concen: 116.81 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

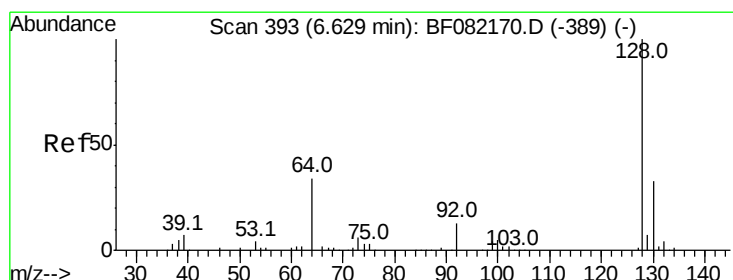
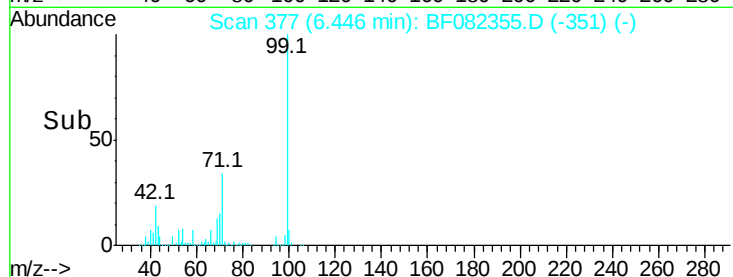
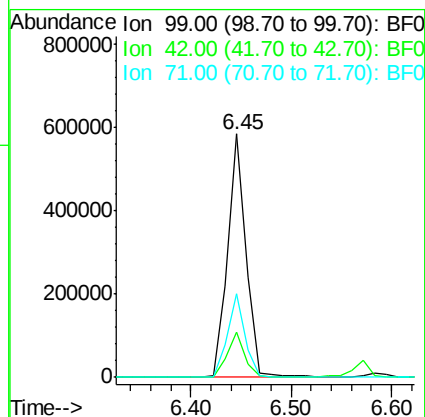
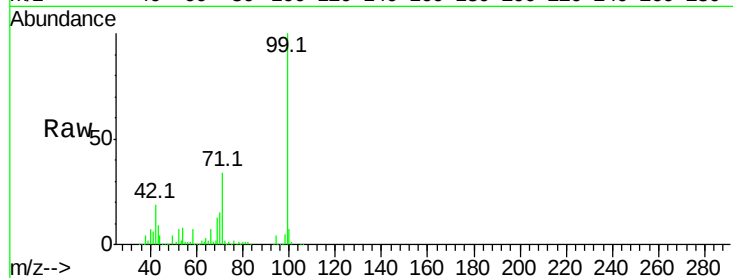
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Tot Ion	99	Resp	741288
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.2	19.8
71	34.1	25.6	38.4



#8

2-Chlorophenol

Concen: 37.35 ng

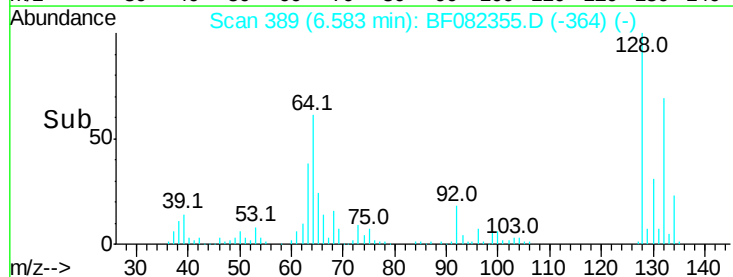
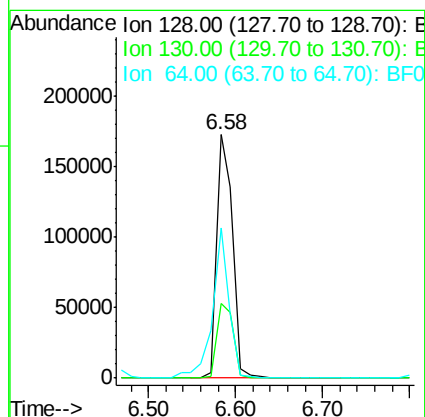
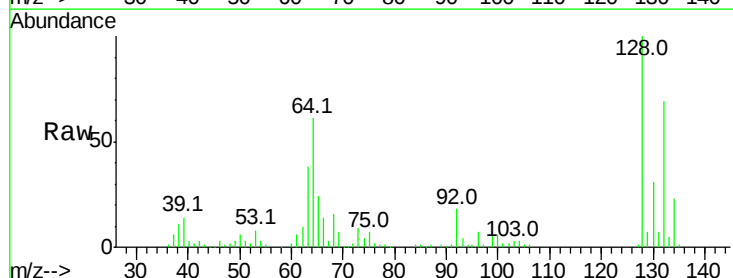
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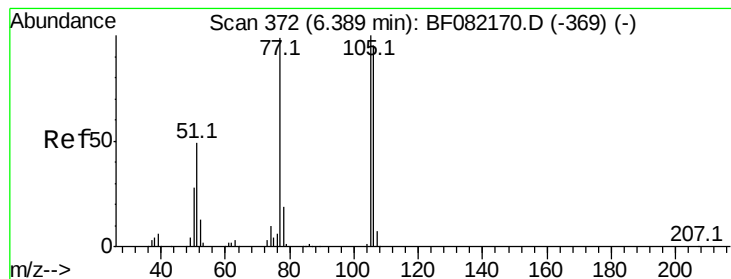
Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion	128	Resp	222344
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.6	52.6
64	61.4	16.7	56.7#





#9

Benzaldehyde

Concen: 15.39 ng

RT: 6.34 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

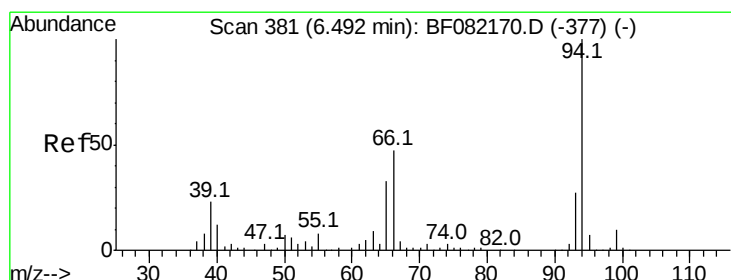
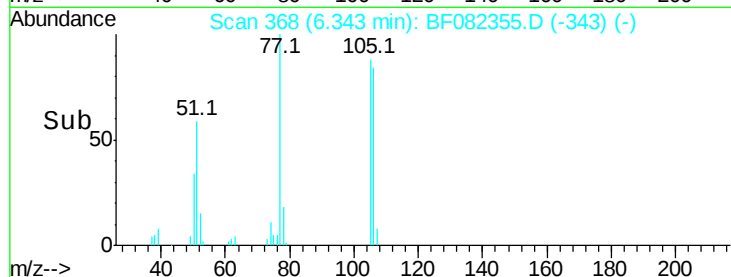
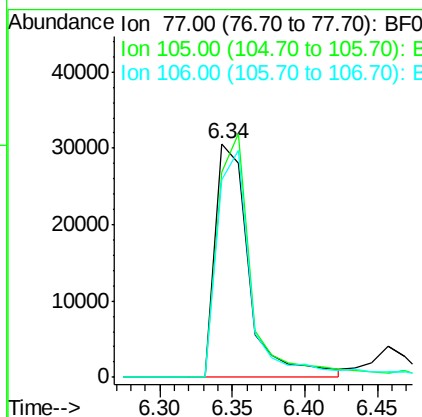
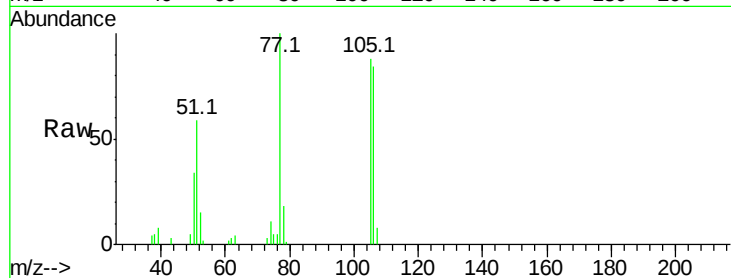
ClientSampleId :

PB86137BS

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Tot Ion:	77	Resp:	49875
Ion	Ratio	Lower	Upper
77	100		
105	88.1	80.6	120.6
106	84.4	75.5	115.5



#10

Phenol

Concen: 33.63 ng

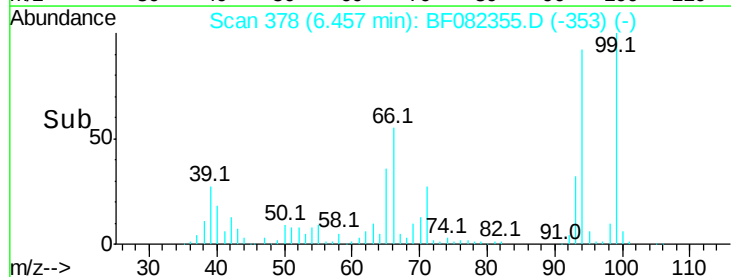
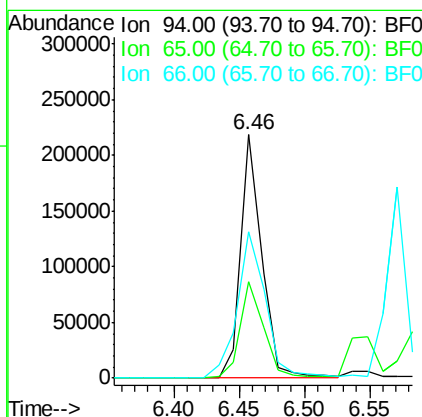
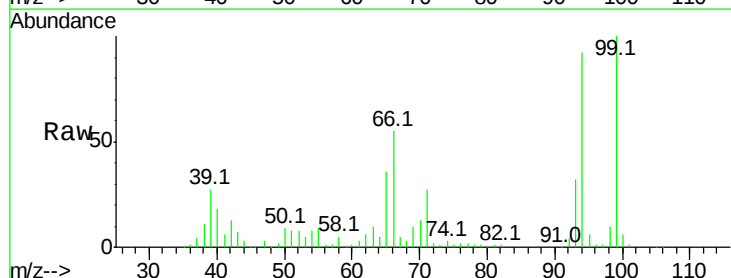
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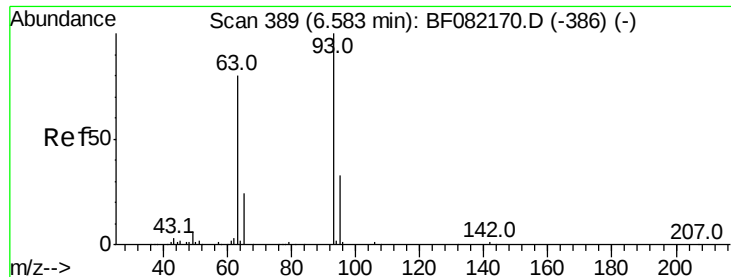
Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	94	Resp:	246083
Ion	Ratio	Lower	Upper
94	100		
65	39.6	12.6	52.6
66	60.0	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 36.43 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

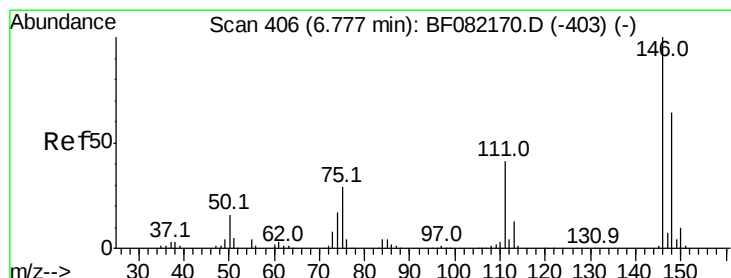
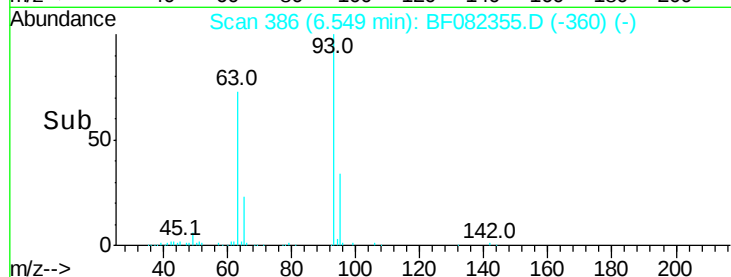
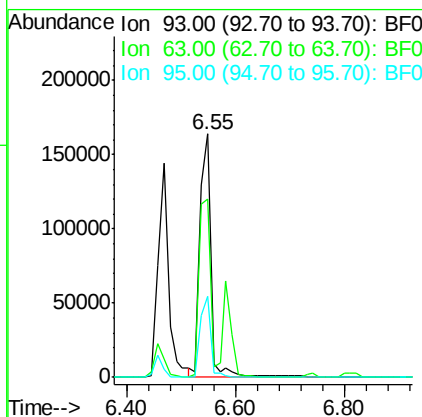
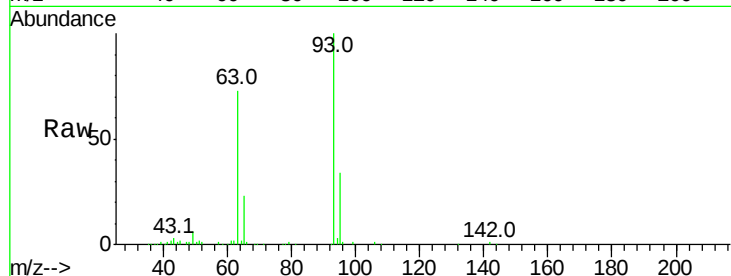
ClientSampleId :

PB86137BS

Tot Ion:	93	Resp:	225405
Ion Ratio	Lower	Upper	
93	100		
63	73.2	57.1	97.1
95	33.5	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.11 ng

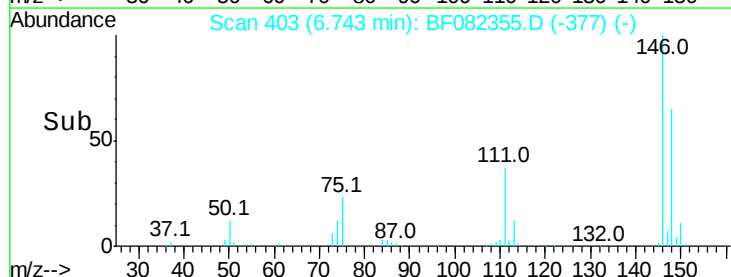
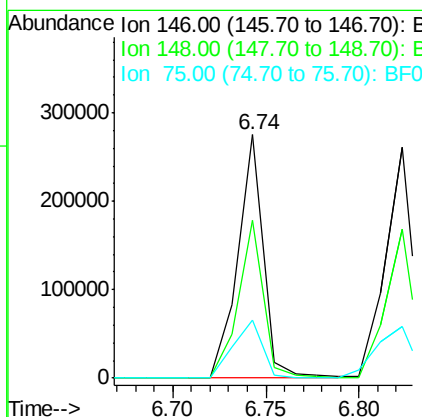
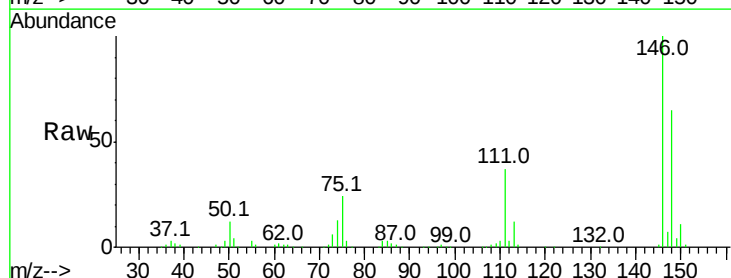
RT: 6.74 min Scan# 403

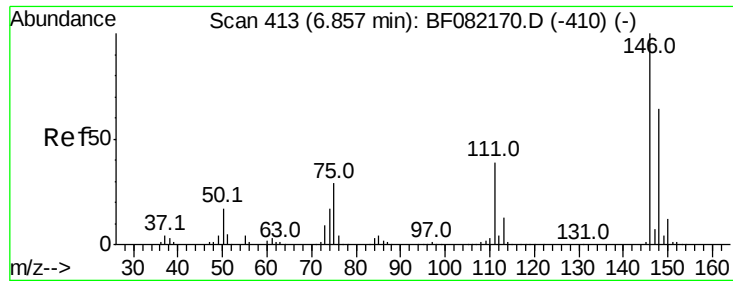
Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	146	Resp:	264183
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.4	77.2
75	23.6	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 36.90 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

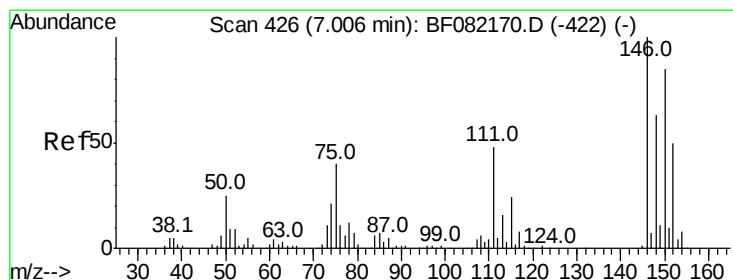
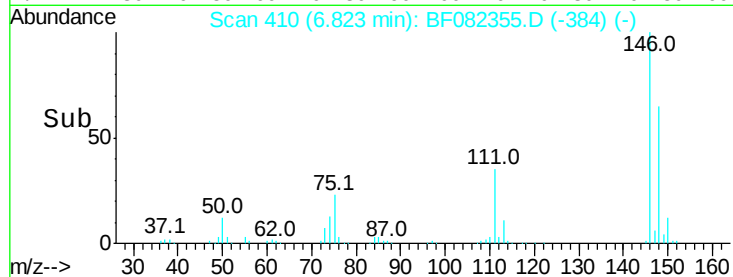
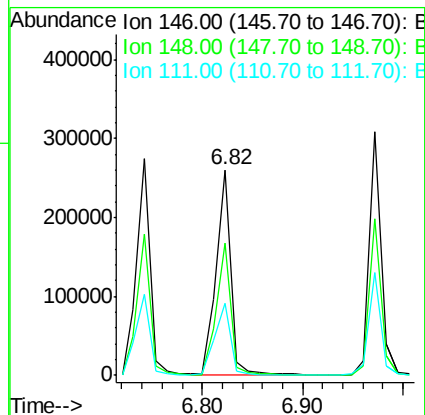
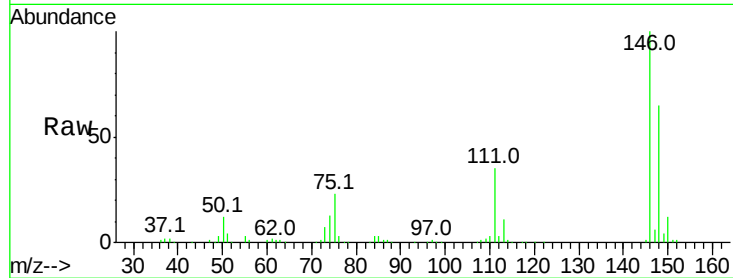
ClientSampleId :

PB86137BS

Tot Ion:	146	Resp:	267183
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.4
111	35.2	31.1	46.7

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#14

1,2-Dichlorobenzene

Concen: 37.62 ng

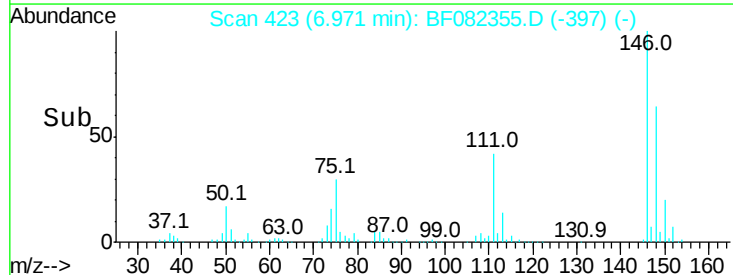
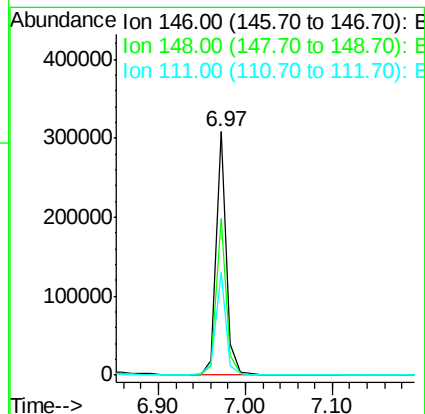
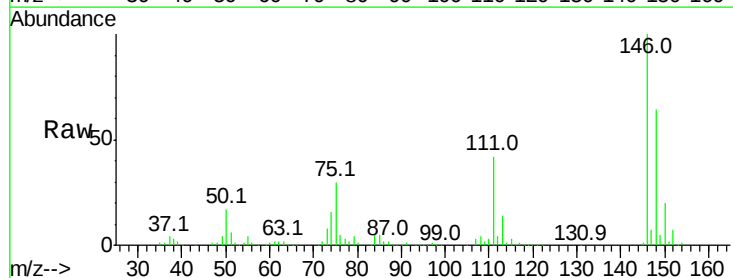
RT: 6.97 min Scan# 423

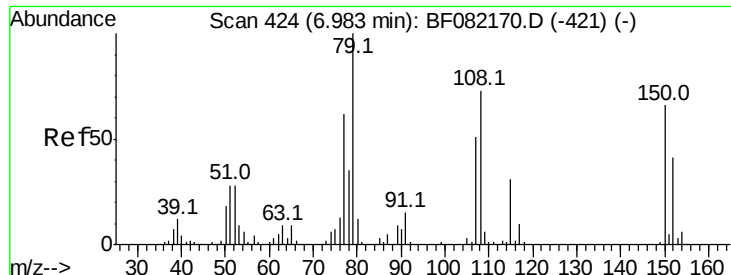
Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	146	Resp:	258641
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.5	75.7
111	42.2	38.5	57.7





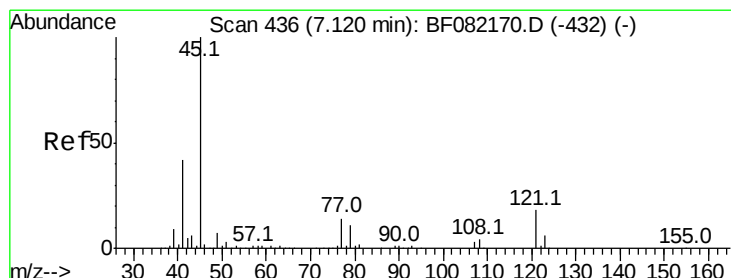
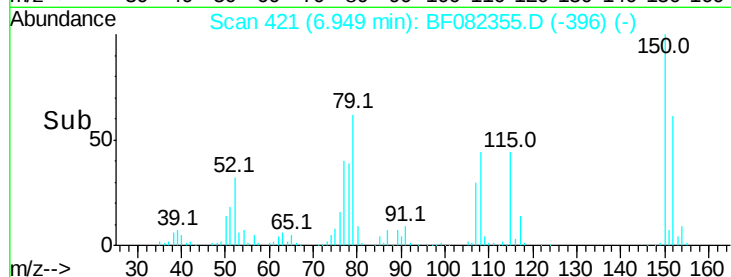
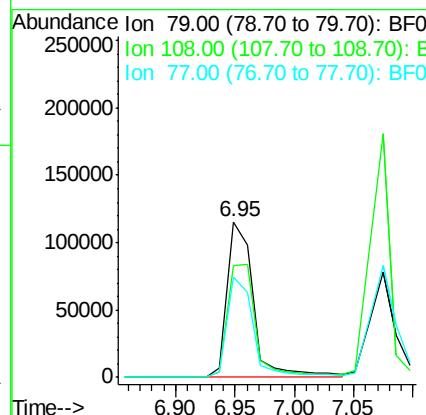
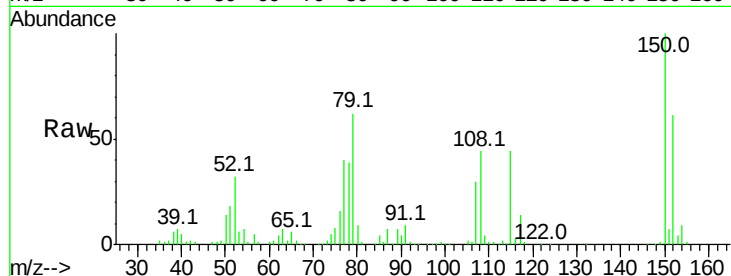
#15
Benzyl Alcohol
Concen: 40.13 ng
RT: 6.95 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.6	58.4	87.6
77	64.2	49.8	74.6

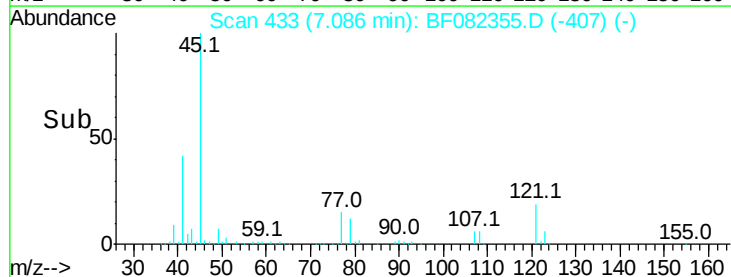
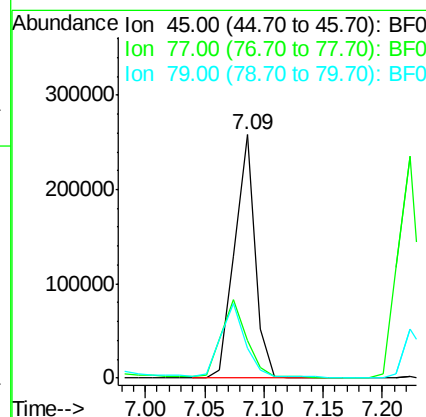
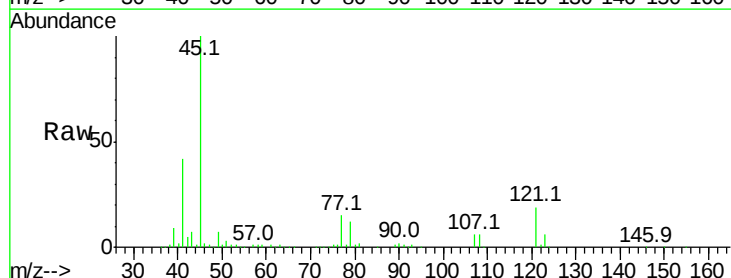
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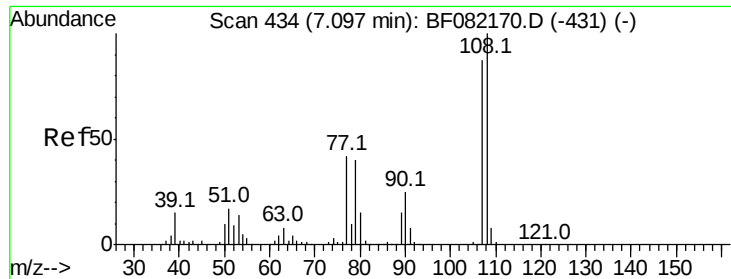
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.05 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.5
79	12.3	0.0	31.6





#17

2-Methylphenol

Concen: 39.55 ng

RT: 7.07 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

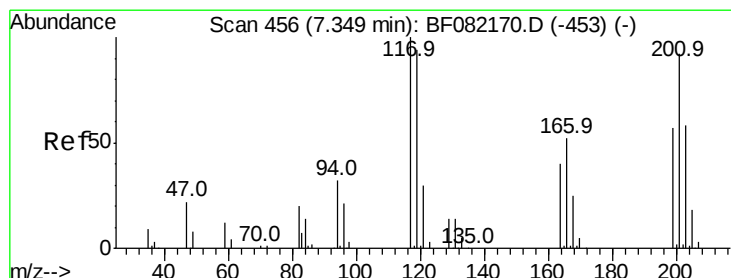
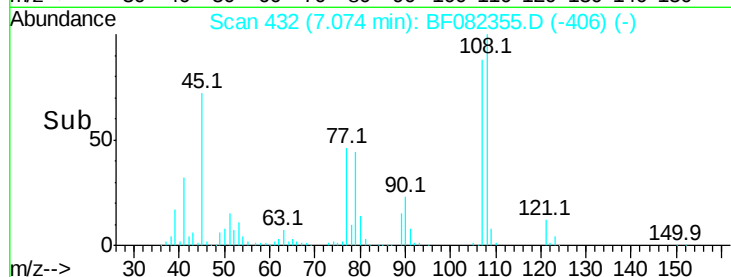
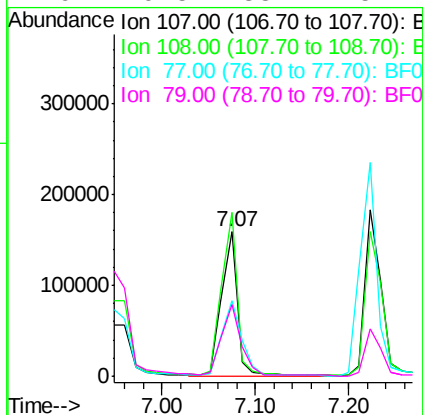
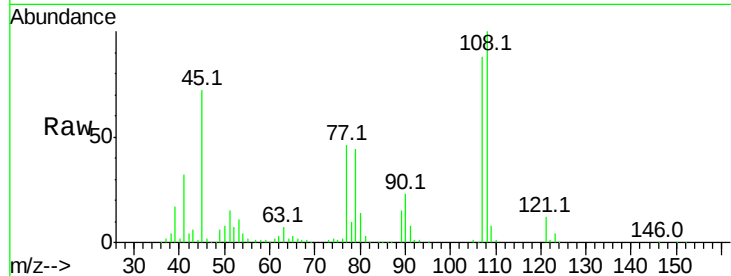
ClientSampleId :

PB86137BS

Tot Ion:	107	Resp:	186174
Ion Ratio	Lower	Upper	
107	100		
108	113.6	92.2	138.2
77	52.1	39.6	59.4
79	49.5	38.2	57.4

Manual Integrations
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#18

Hexachloroethane

Concen: 37.60 ng

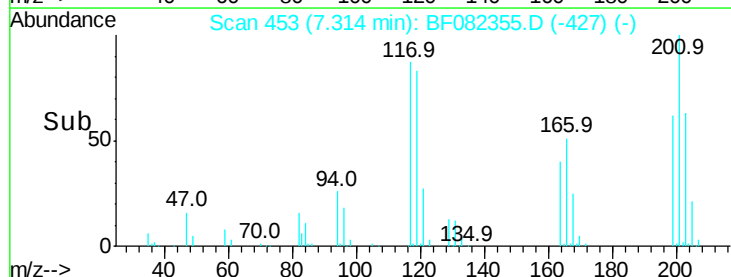
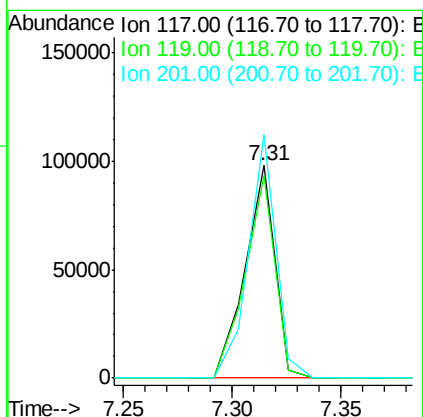
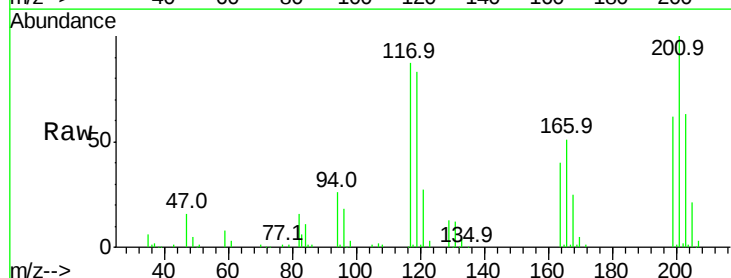
RT: 7.31 min Scan# 453

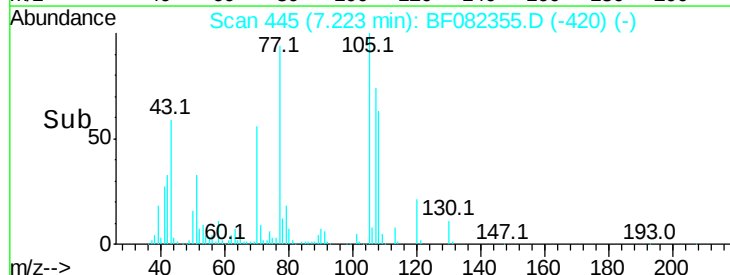
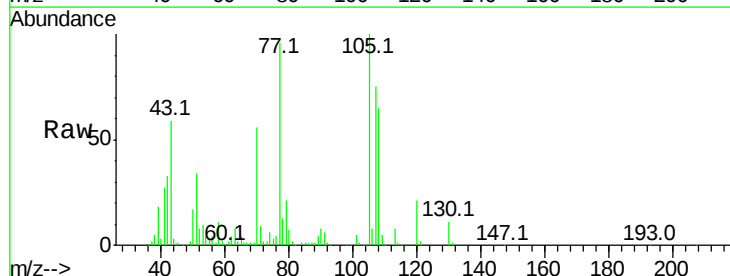
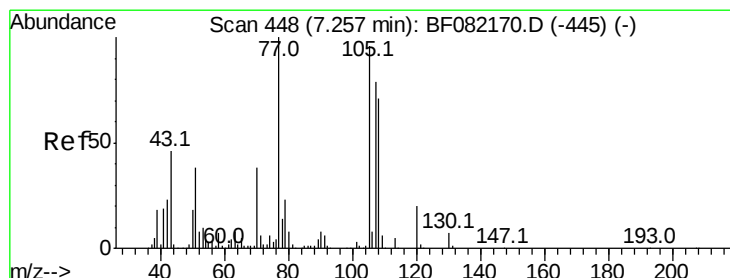
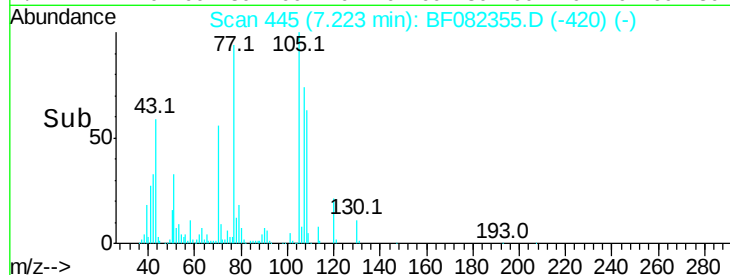
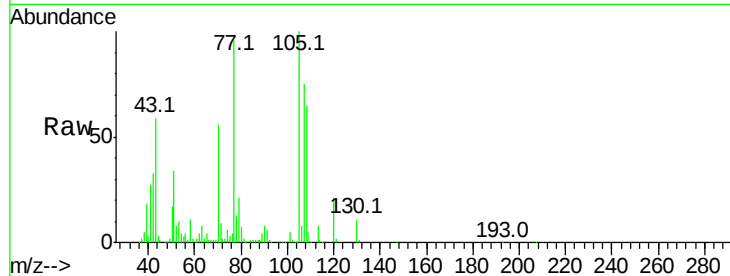
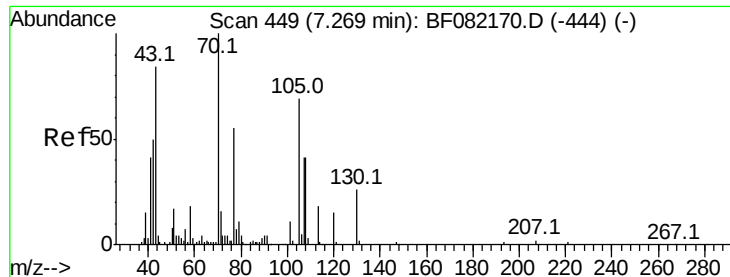
Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	117	Resp:	93177
Ion Ratio	Lower	Upper	
117	100		
119	95.1	75.4	113.2
201	114.6	73.4	110.0#





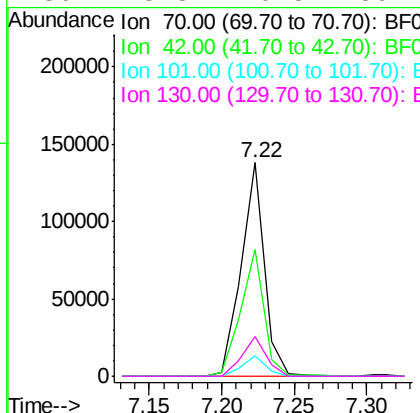
#19
n-Nitroso-di-n-propylamine
Concen: 34.40 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	39.8	59.8
101	9.4	8.6	13.0
130	18.8	20.5	30.7#

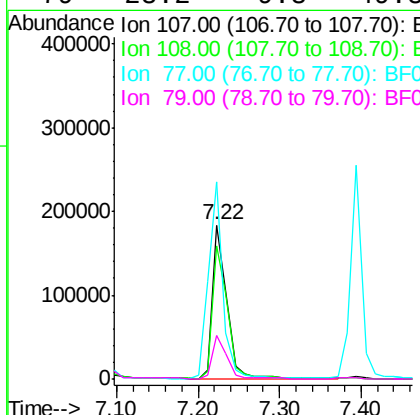
Manual Integrations
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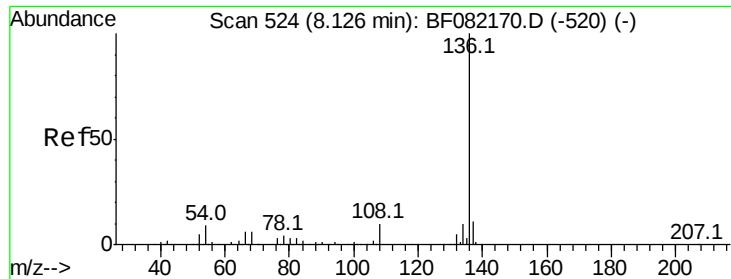
MMdadoda
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#20
3+4-Methylphenols
Concen: 40.25 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	69.9	109.9
77	128.0	106.0	146.0
79	28.2	9.8	49.8





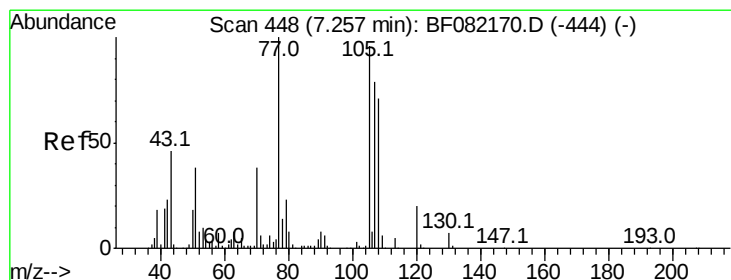
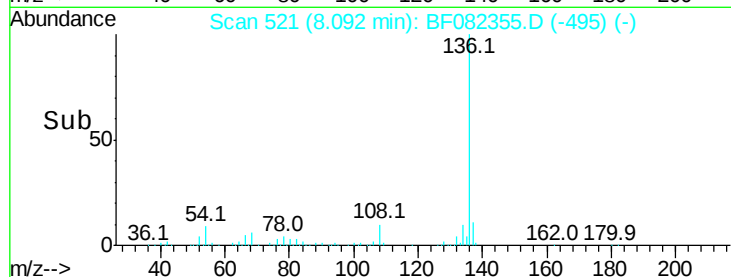
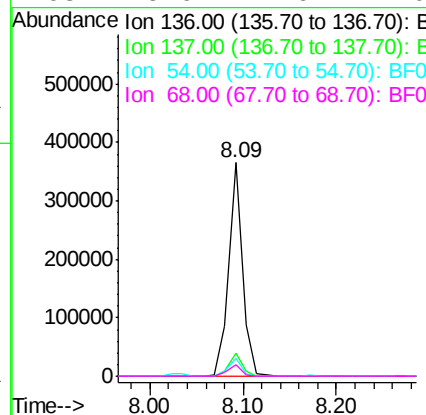
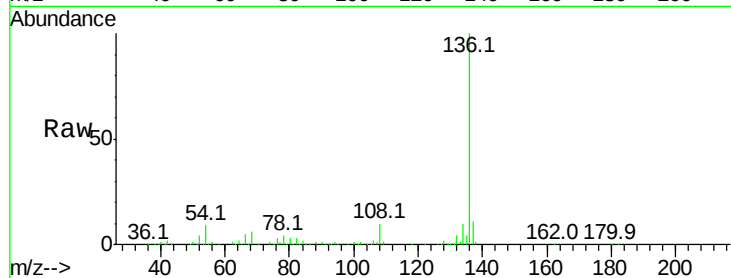
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	8.6	7.5	11.3	
68	5.6	4.6	7.0	

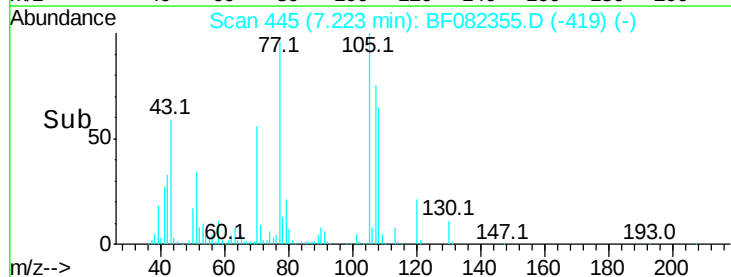
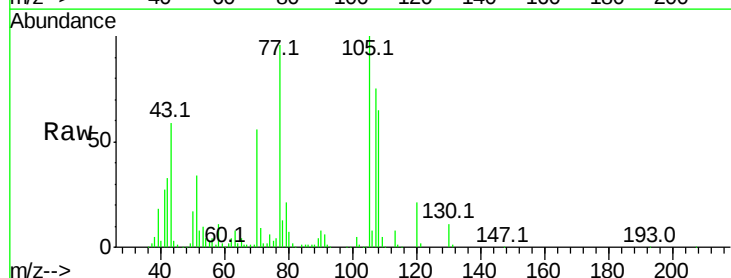
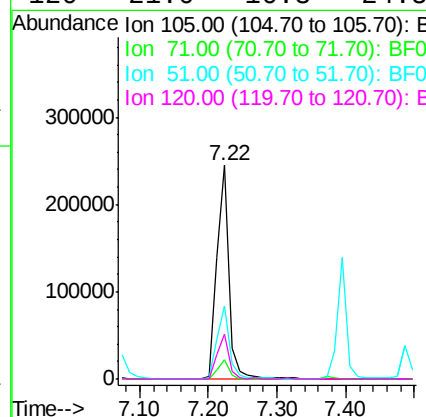
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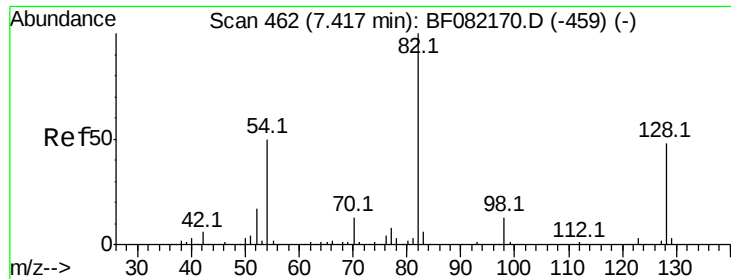
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#22
Acetophenone
Concen: 41.42 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.3	5.4	8.0#	
51	34.4	31.8	47.6	
120	21.0	16.3	24.5	





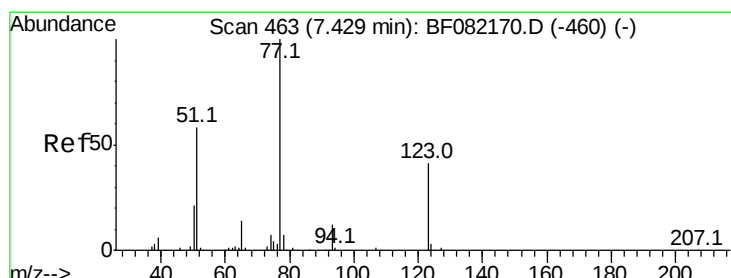
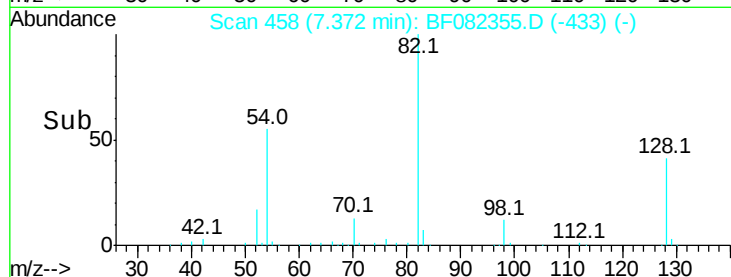
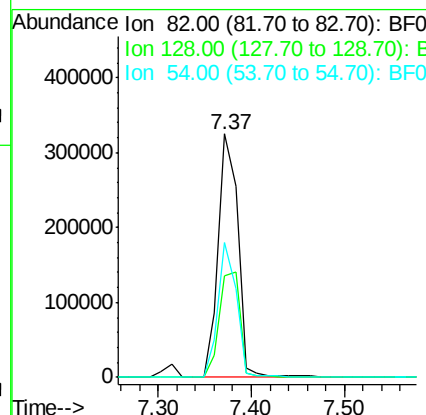
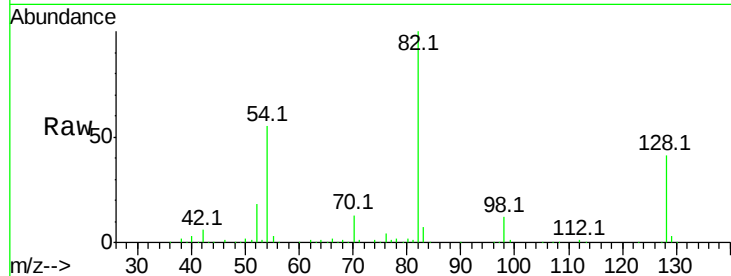
#23
 Nitrobenzene-d5
 Concen: 85.52 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	479501		
128	41.5	38.7	58.1	
54	55.4	40.1	60.1	

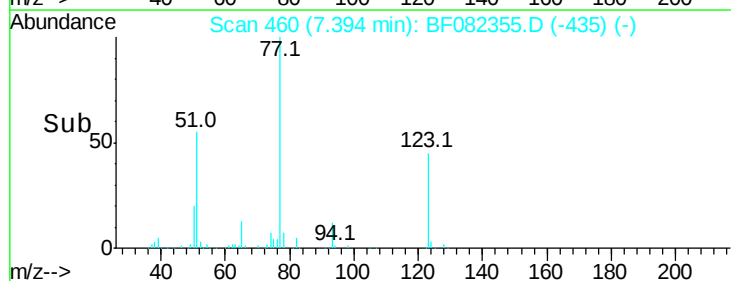
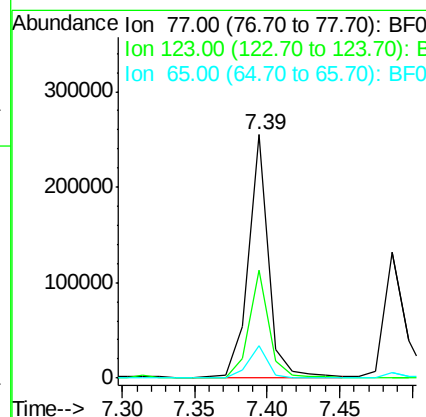
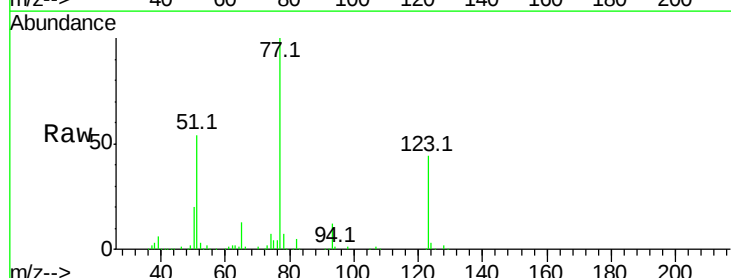
Manual Integrations
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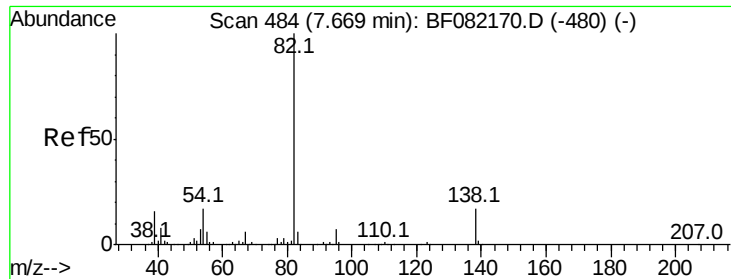
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#24
 Nitrobenzene
 Concen: 39.96 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	242488		
123	44.2	33.0	49.4	
65	13.2	11.2	16.8	





#25

Isophorone

Concen: 39.15 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

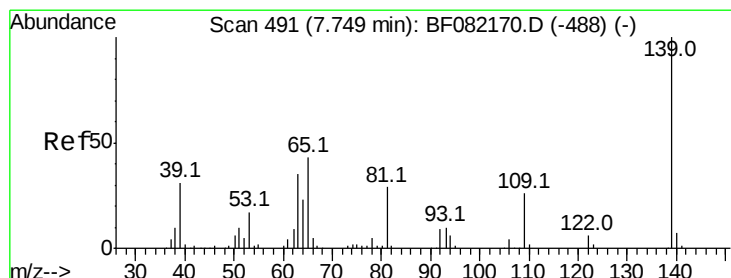
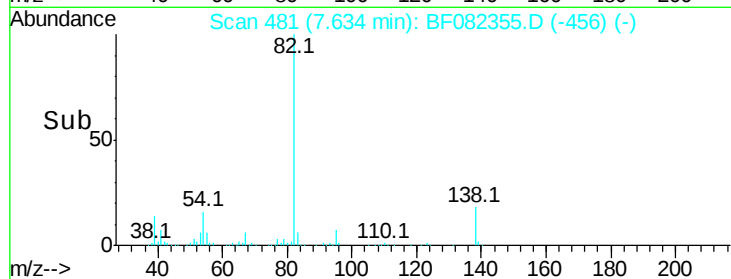
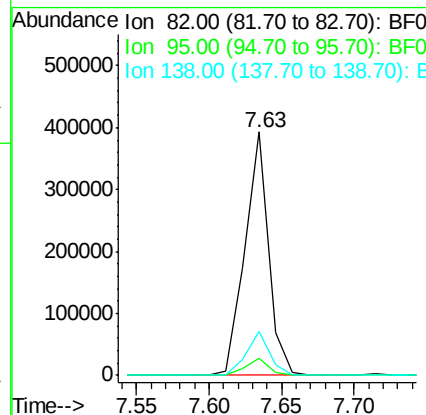
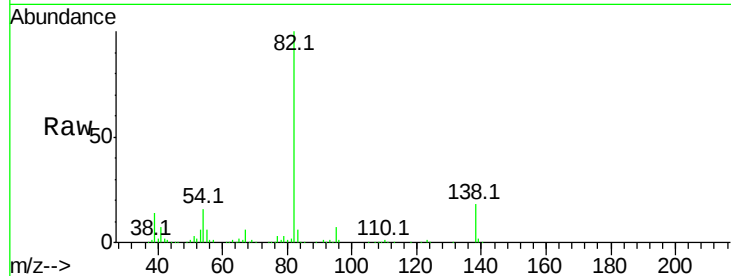
ClientSampleId :

PB86137BS

Tot Ion:	82	Resp:	443065
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	18.1	13.6	20.4

Manual Integrations
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MMdadoda
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#26

2-Nitrophenol

Concen: 43.04 ng

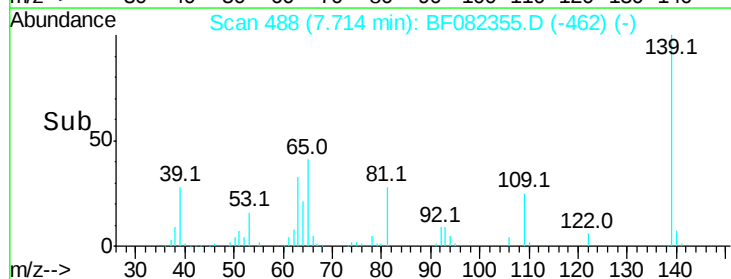
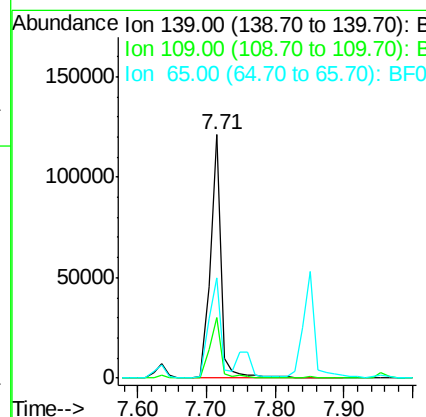
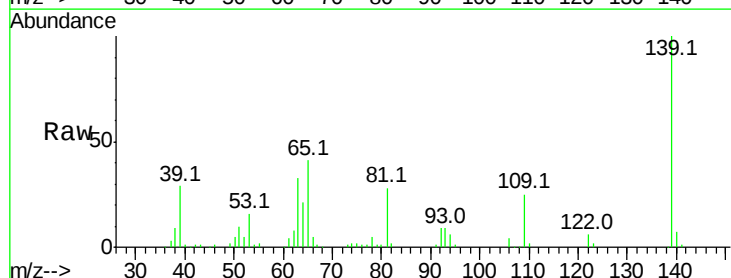
RT: 7.71 min Scan# 488

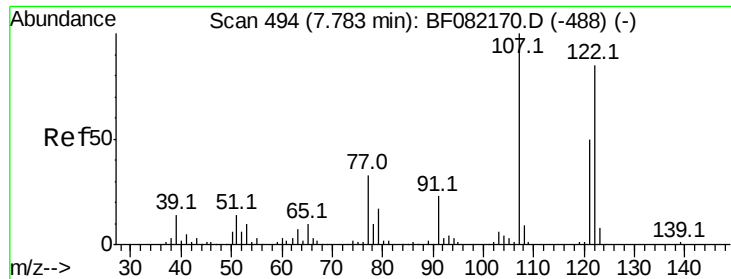
Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	139	Resp:	130440
Ion Ratio	Lower	Upper	
139	100		
109	25.1	20.6	31.0
65	41.3	34.3	51.5





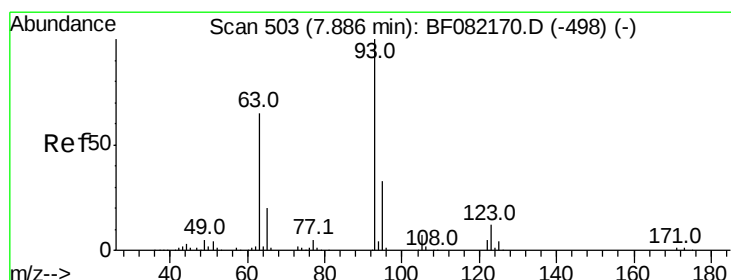
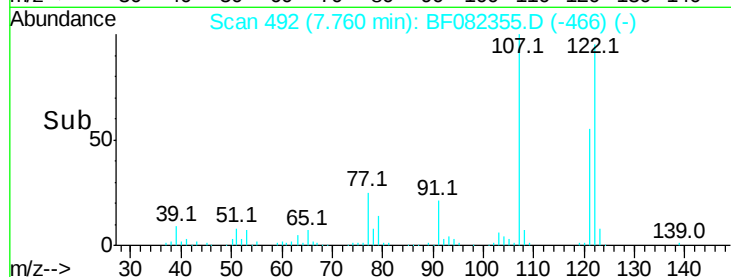
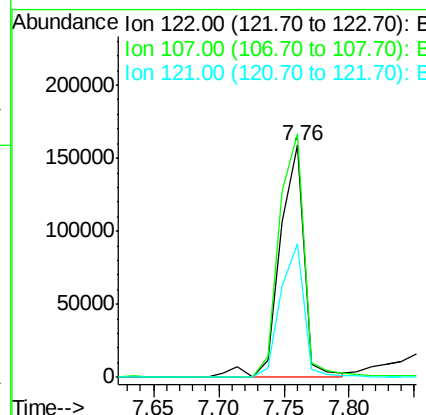
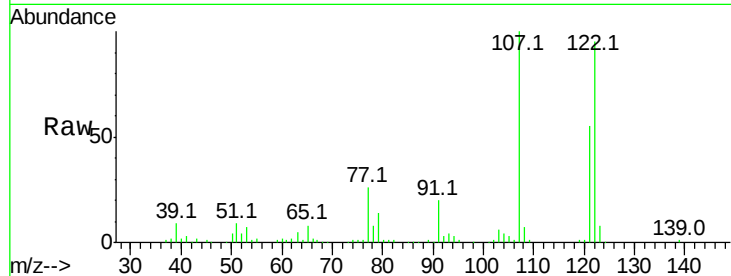
#27
2,4-Dimethylphenol
Concen: 42.61 ng
RT: 7.76 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	208024		
107	105.1	94.0	141.0	
121	57.7	46.8	70.2	

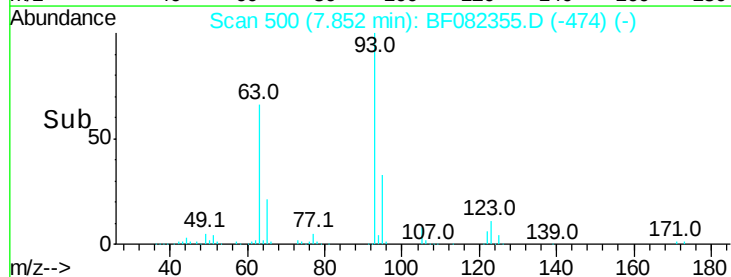
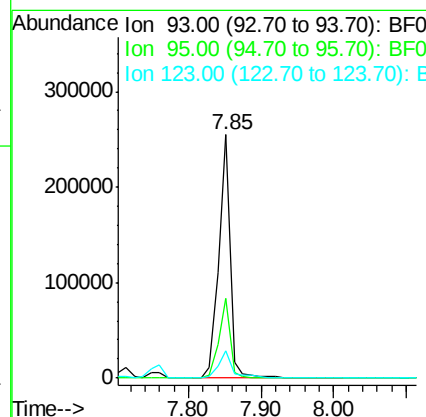
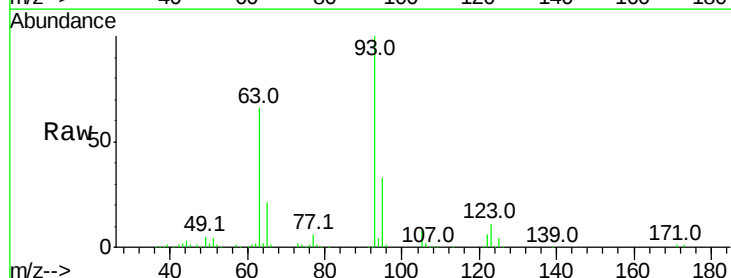
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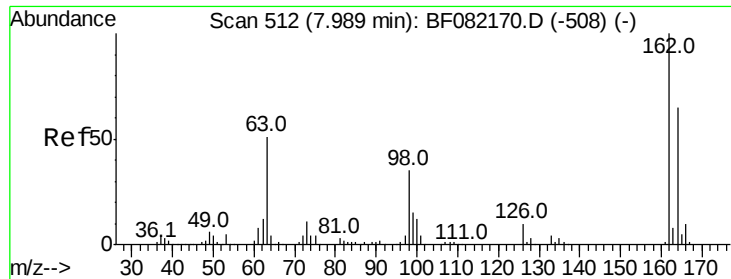
MMdadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 42.99 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	283069		
95	32.7	26.6	39.8	
123	11.3	9.5	14.3	





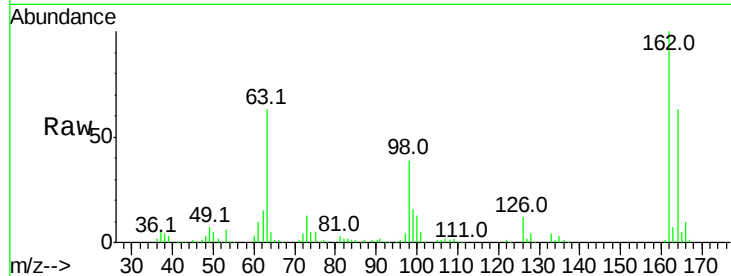
#29
2,4-Dichlorophenol
Concen: 42.49 ng
RT: 7.95 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

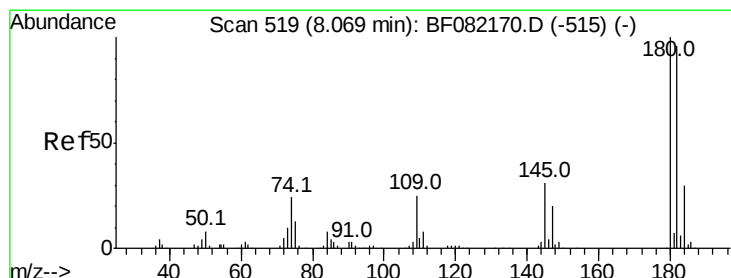
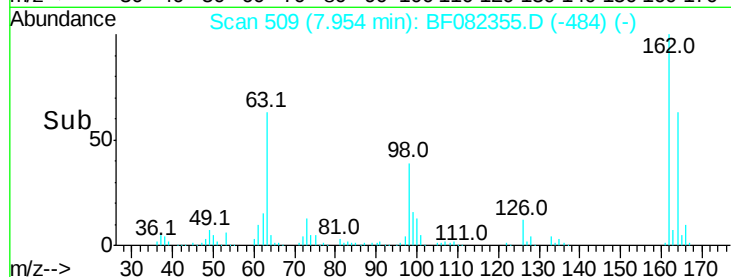
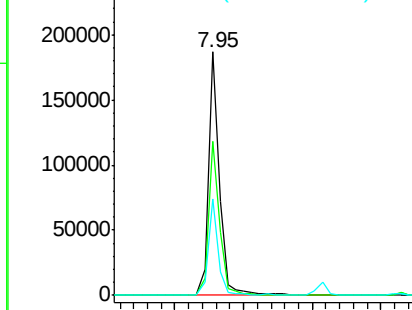
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	44.6	84.6
98	39.5	15.0	55.0

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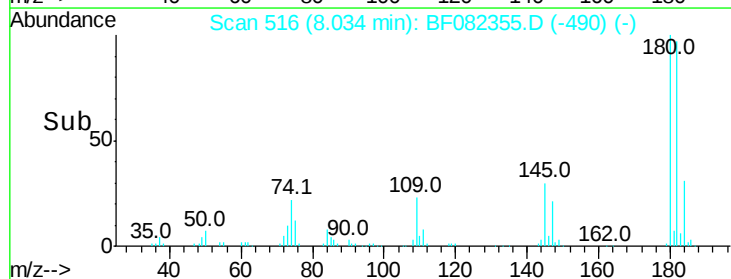
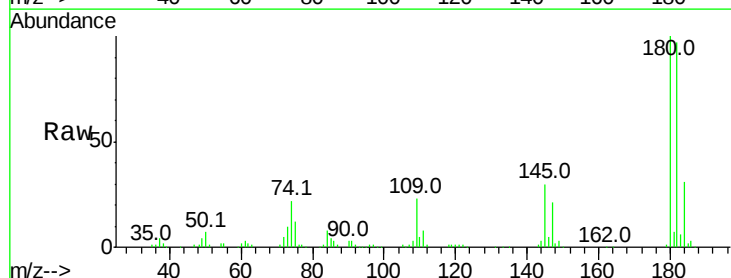
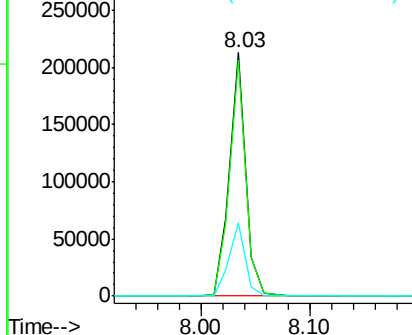
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

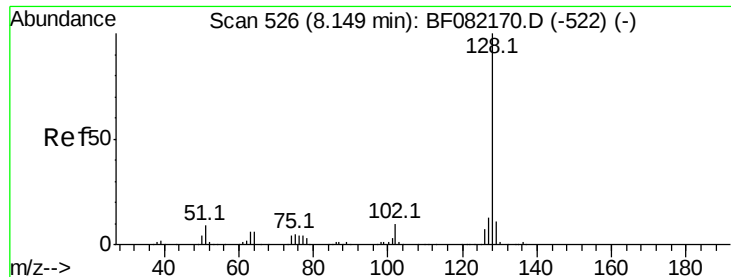


#30
1,2,4-Trichlorobenzene
Concen: 39.31 ng
RT: 8.03 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	77.0	115.4
145	30.4	25.0	37.4

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





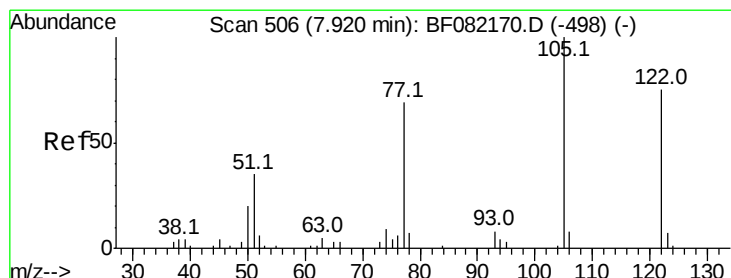
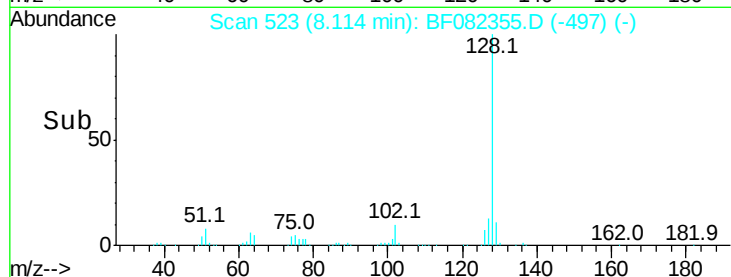
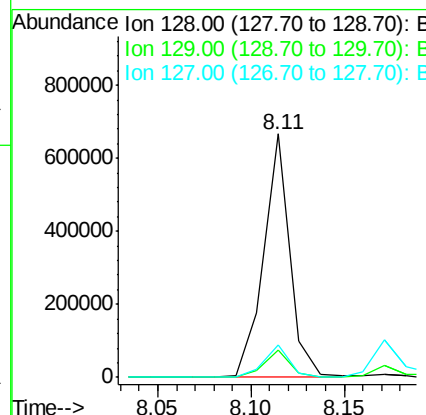
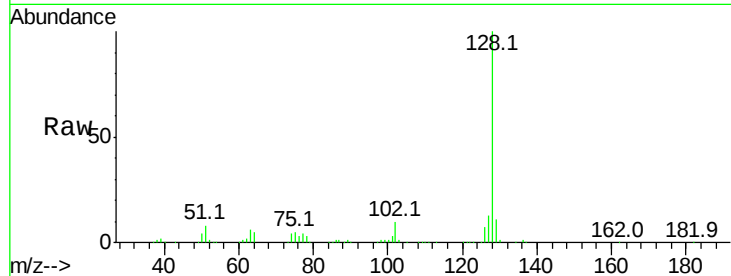
#31
Naphthalene
Concen: 40.33 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	658269		
129	11.3		9.1	13.7
127	13.3		10.7	16.1

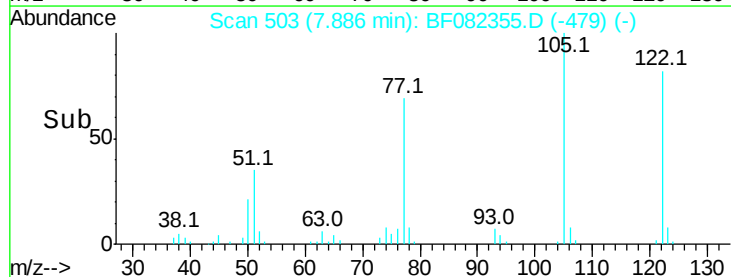
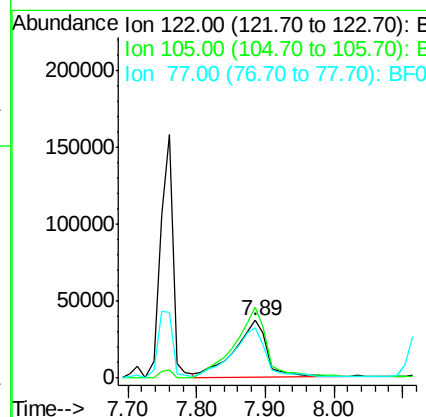
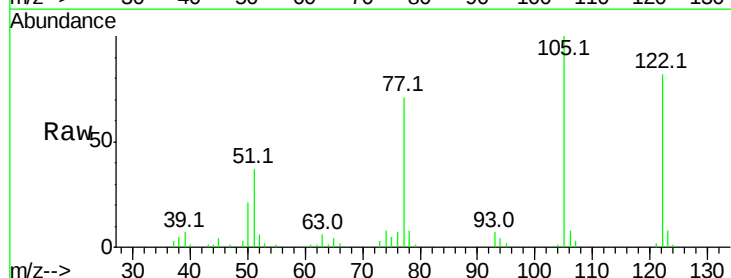
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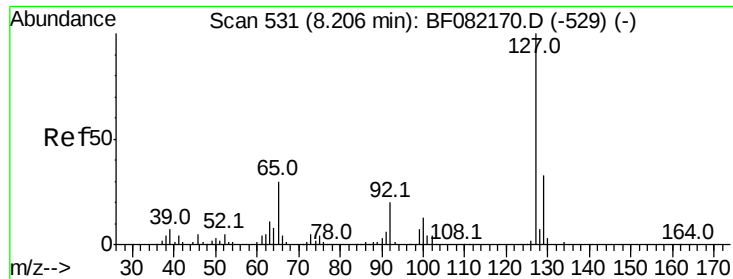
MMdadoda
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#32
Benzoic acid
Concen: 37.93 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	124290		
105	122.5		104.4	144.4
77	87.5		69.0	109.0





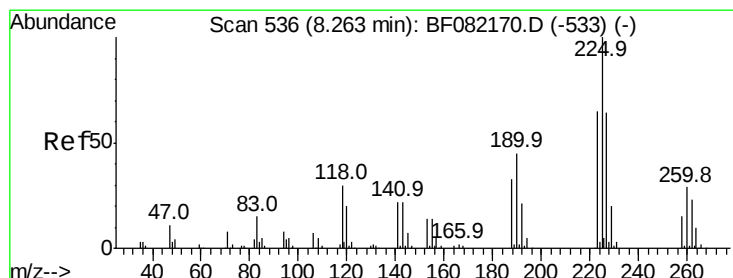
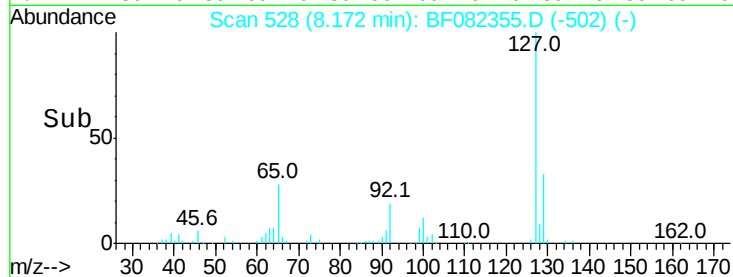
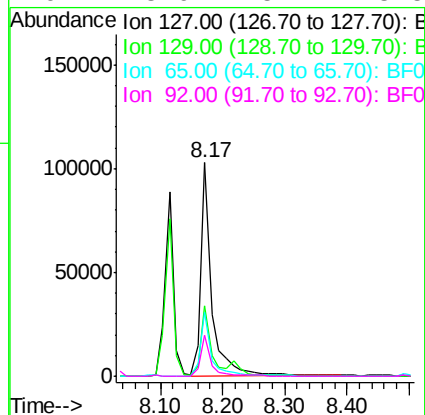
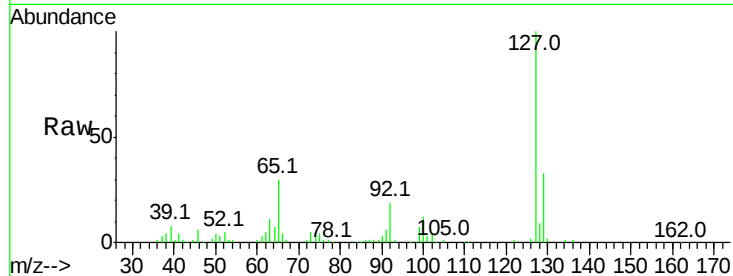
#33
4-Chloroaniline
Concen: 18.80 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.3	39.5		
65	29.9	24.4	36.6		
92	18.9	15.7	23.5		

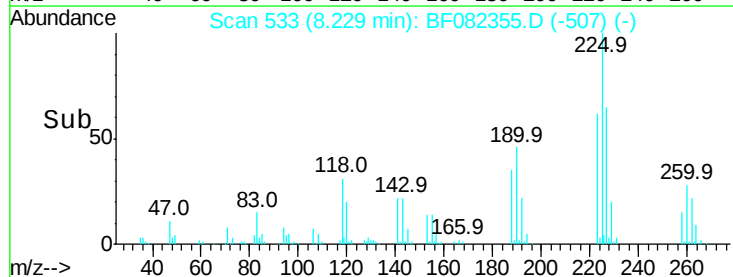
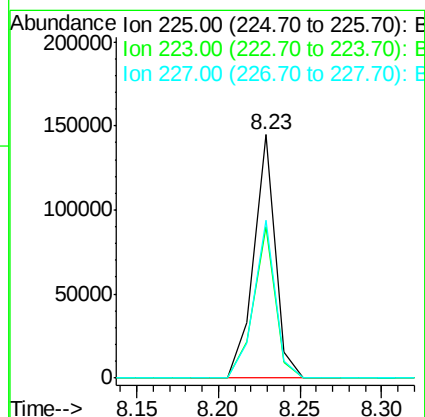
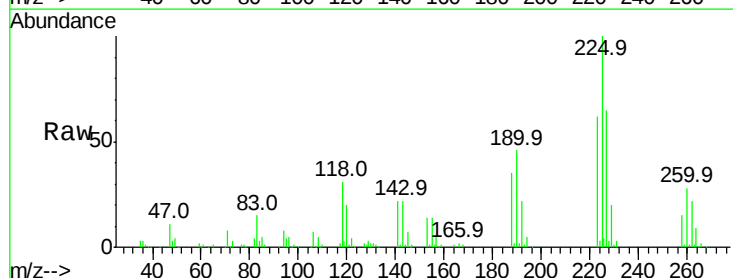
Manual Integrations
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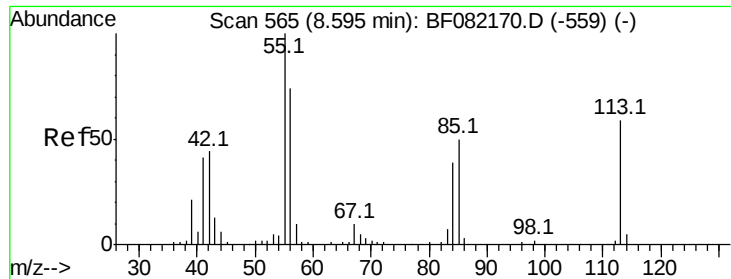
MMdadoda
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#34
Hexachlorobutadiene
Concen: 38.02 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	52.2	78.2		
227	64.8	51.3	76.9		





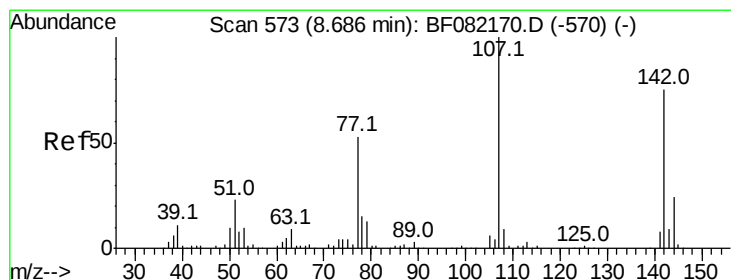
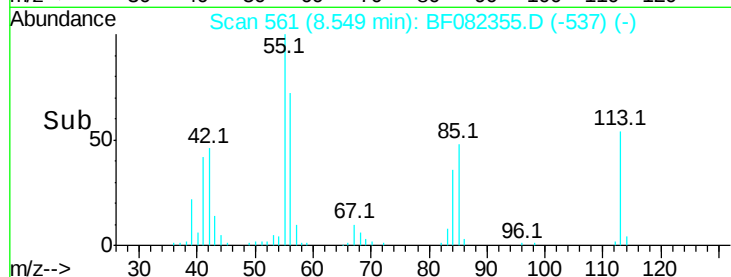
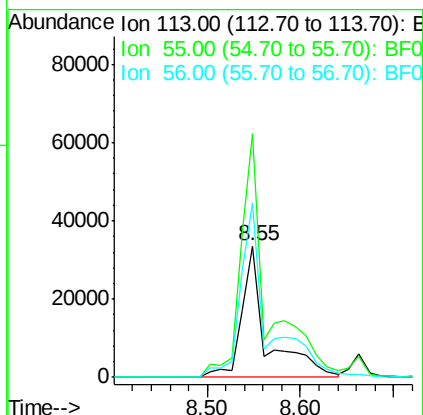
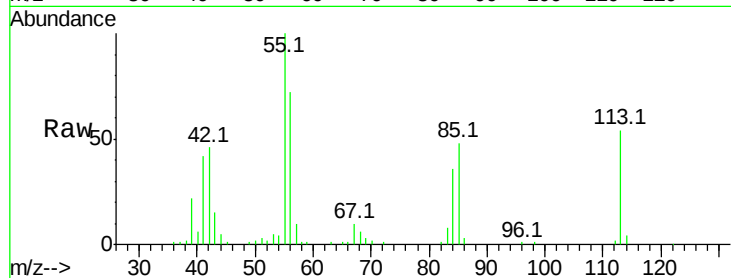
#35
 Caprolactam
 Concen: 44.65 ng
 RT: 8.55 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion:113 Resp: 63239
 Ion Ratio Lower Upper
 113 100
 55 185.0 149.7 189.7
 56 132.8 105.4 145.4

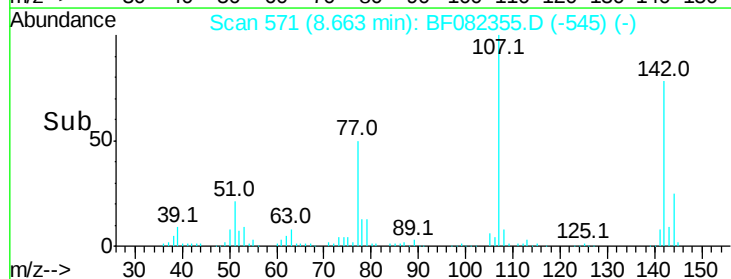
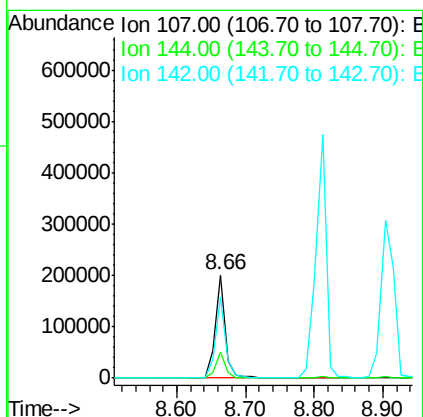
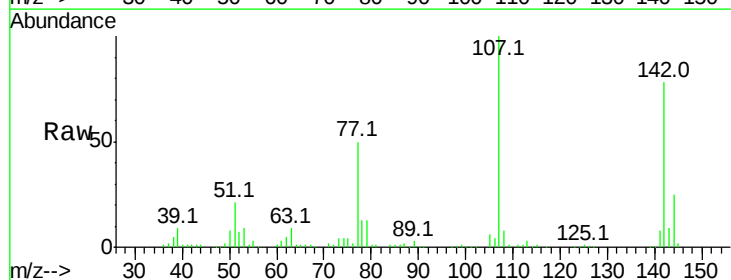
Manual Integrations
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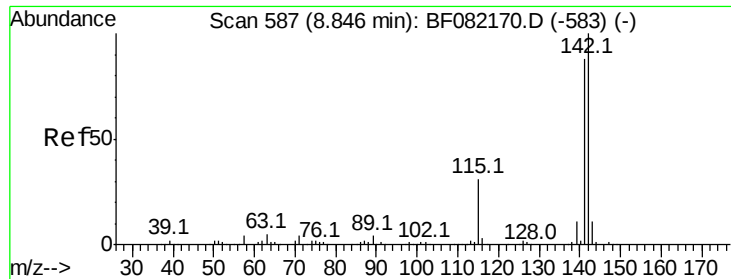
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#36
 4-Chloro-3-methylphenol
 Concen: 44.74 ng
 RT: 8.66 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion:107 Resp: 213521
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 78.4 59.9 89.9





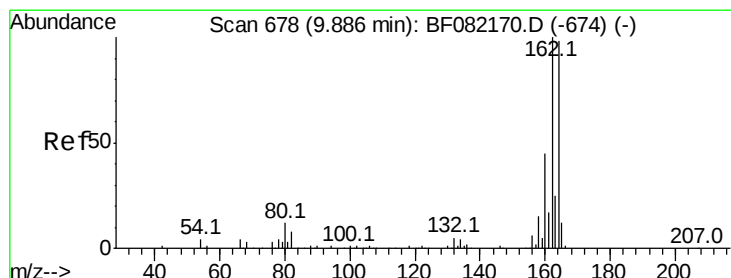
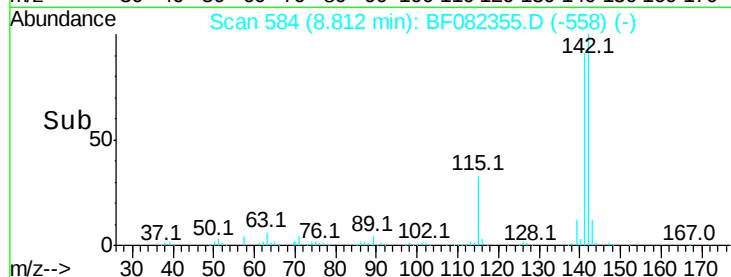
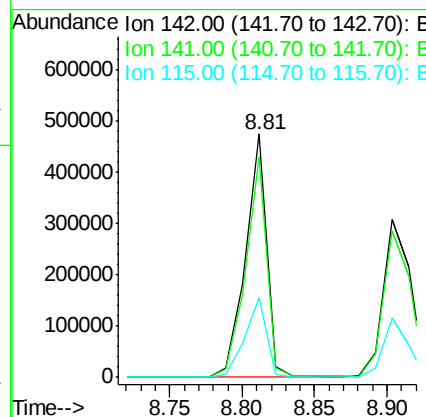
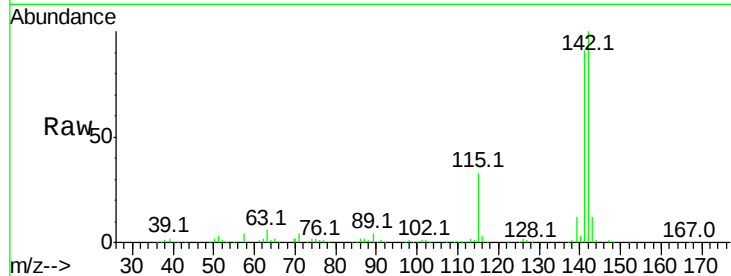
#37
2-Methylnaphthalene
Concen: 42.62 ng
RT: 8.81 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	482212		
141	90.6		70.4	105.6
115	32.5		24.6	37.0

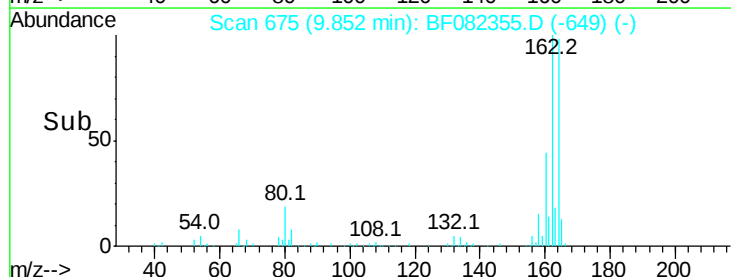
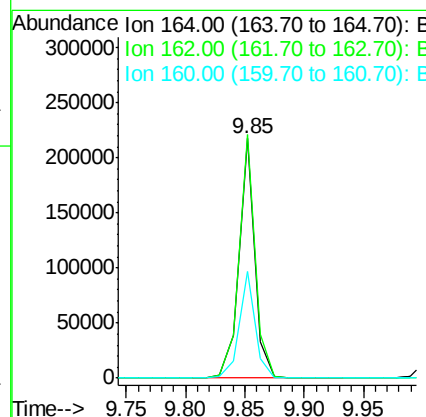
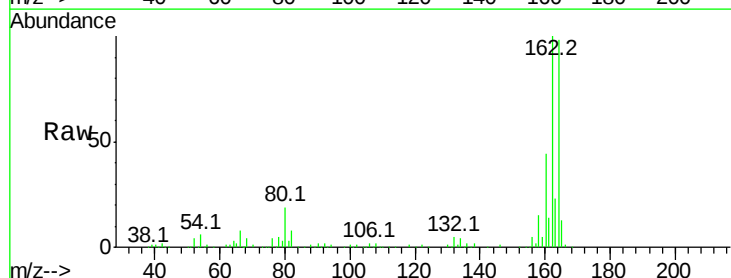
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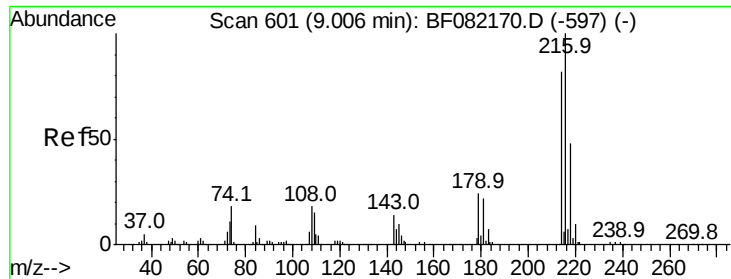
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	201122		
162	101.6		81.6	122.4
160	44.7		36.4	54.6





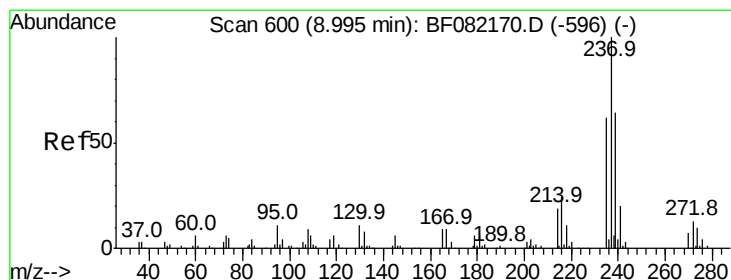
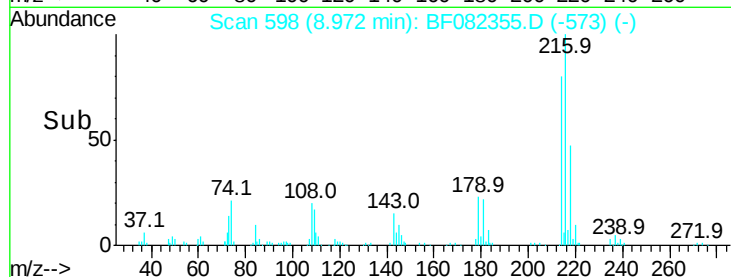
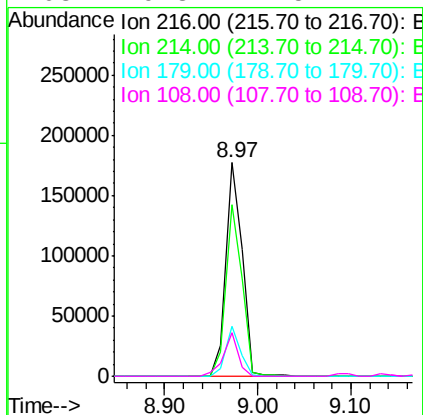
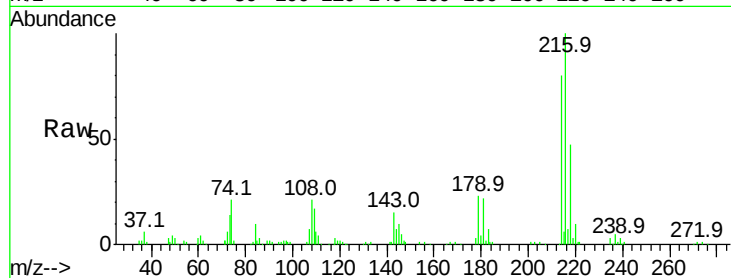
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.27 ng
RT: 8.97 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	216969		
214	79.2	64.6	97.0	
179	20.5	17.6	26.4	
108	19.3	14.5	21.7	

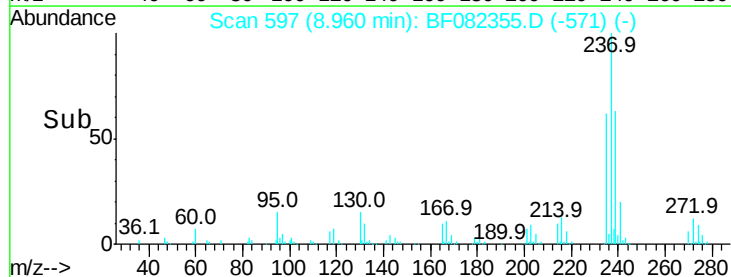
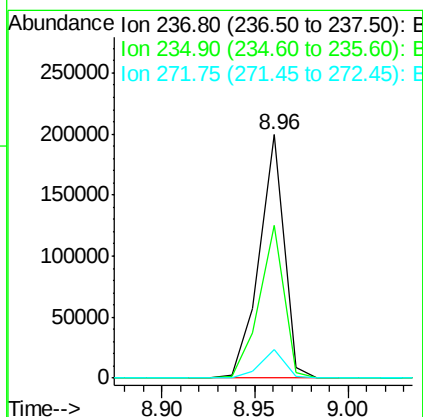
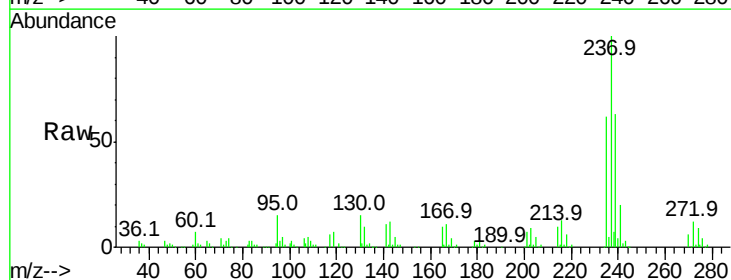
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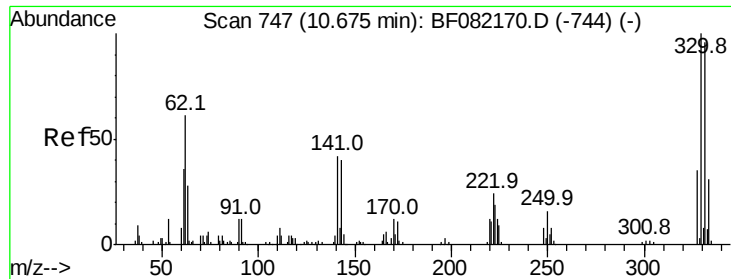
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#40
Hexachlorocyclopentadiene
Concen: 62.62 ng
RT: 8.96 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	183442		
235	62.5	41.7	81.7	
272	11.8	0.0	32.8	





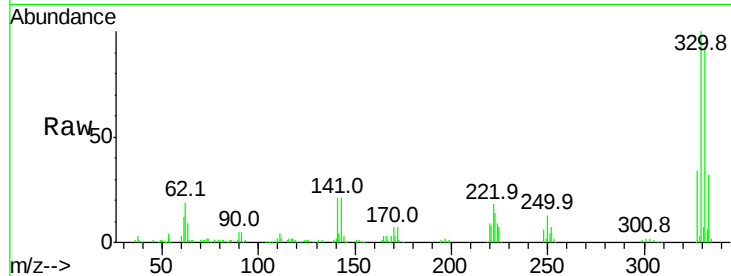
#41
 2,4,6-Tribromophenol
 Concen: 110.37 ng
 RT: 10.65 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

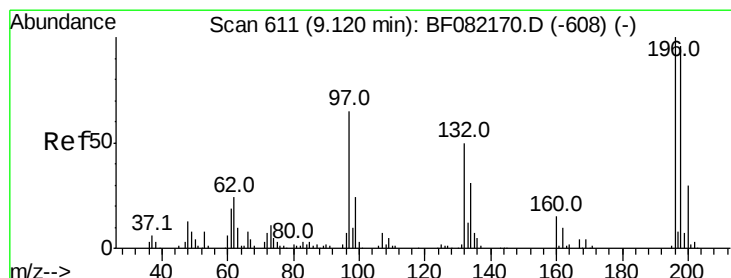
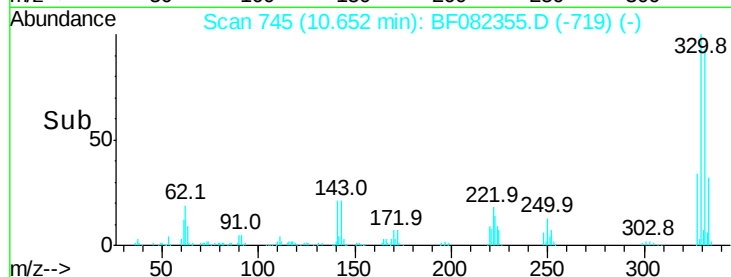
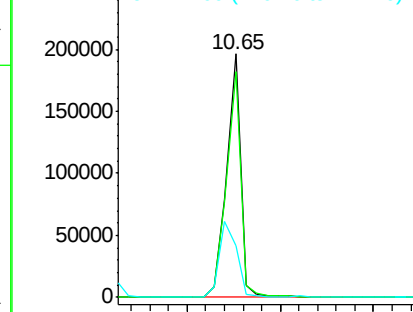
Tot Ion	Ratio	Resp	Lower	Upper
330	100	208183		
332	95.0	77.1	115.7	
141	38.5	29.8	44.8	

Manual Integrations
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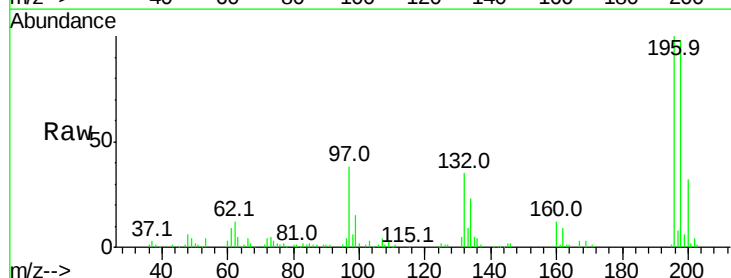


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

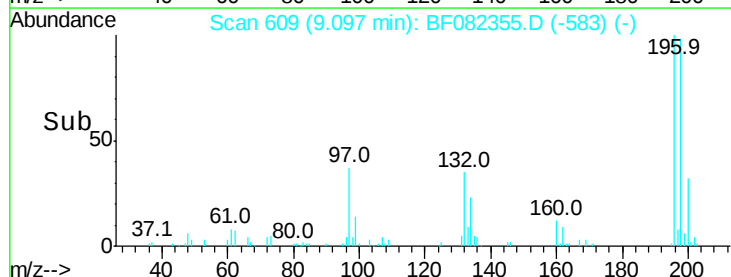
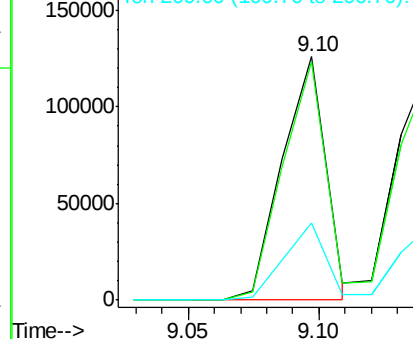


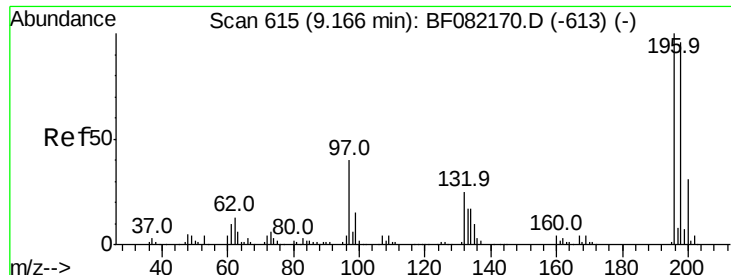
#42
 2,4,6-Trichlorophenol
 Concen: 36.70 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145820		
198	98.0	76.6	115.0	
200	31.6	23.7	35.5	



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





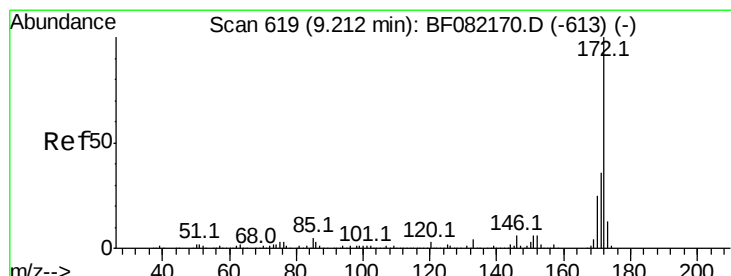
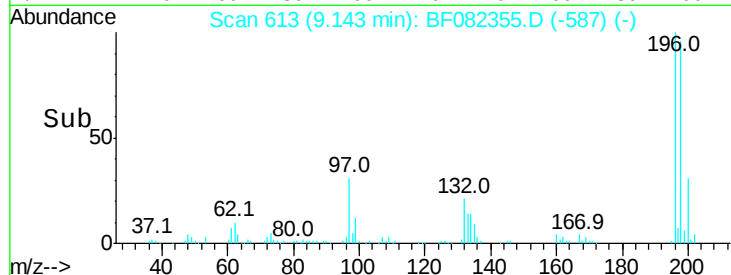
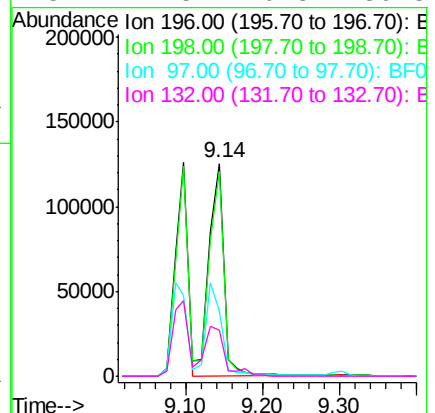
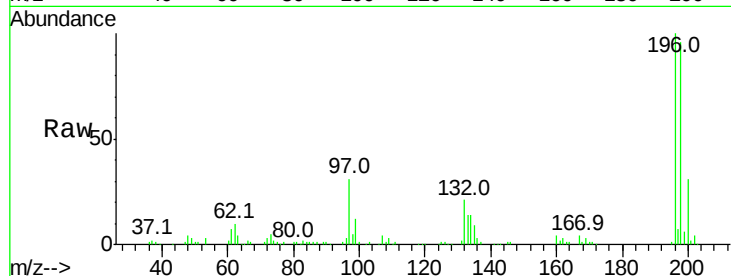
#43
 2,4,5-Trichlorophenol
 Concen: 38.77 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166870		
198	96.3	77.0	115.4	
97	30.6	31.9	47.9	
132	21.5	20.3	30.5	

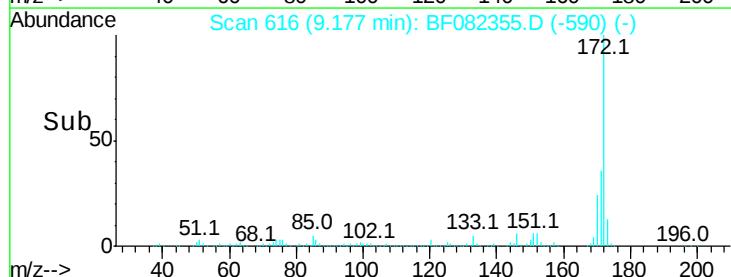
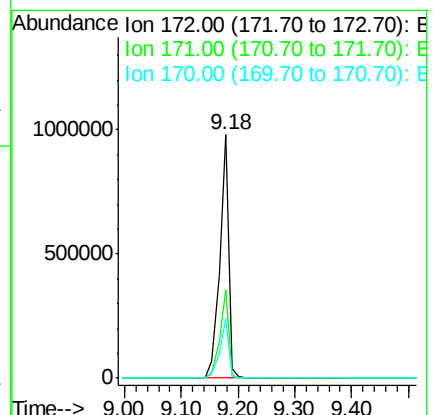
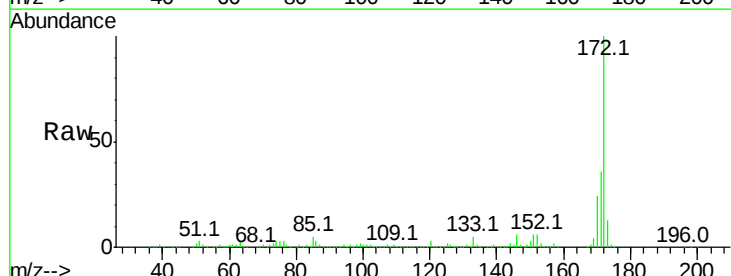
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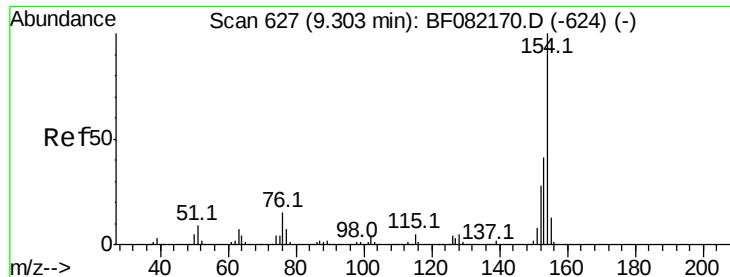
MMdadoda
 10/20/2015 6:25:45 PM



#44
 2-Fluorobiphenyl
 Concen: 86.10 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1044163		
171	36.3	28.6	42.8	
170	24.4	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 38.66 ng

RT: 9.28 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

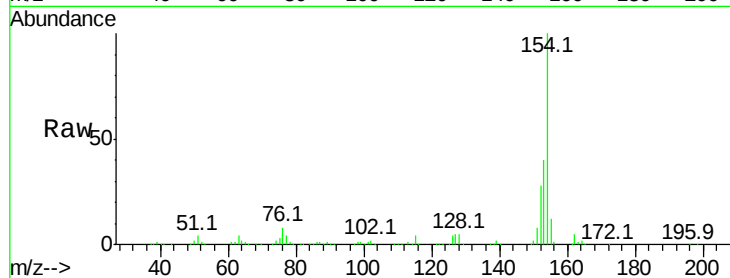
ClientSampleId :

PB86137BS

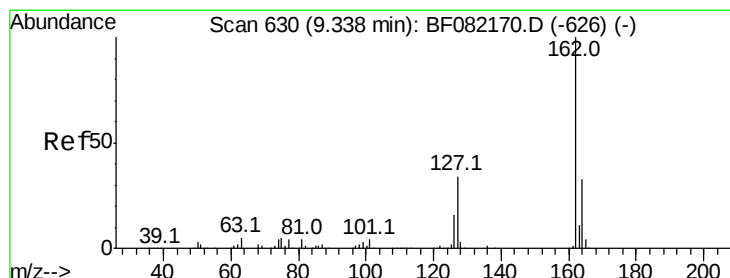
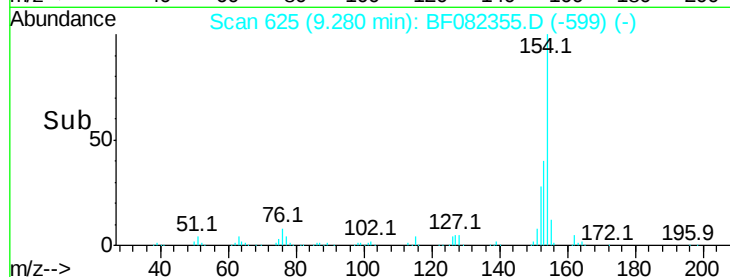
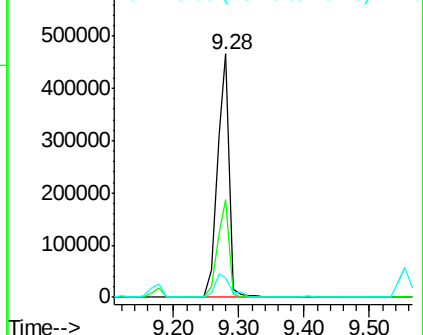
Tot Ion:	154	Resp:	592921
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.6	60.6
76	7.9	0.0	35.2

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



#46

2-Chloronaphthalene

Concen: 38.84 ng

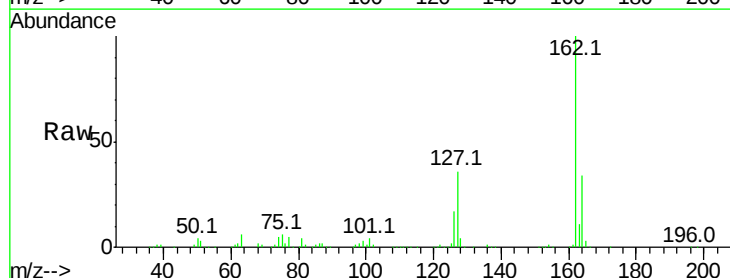
RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

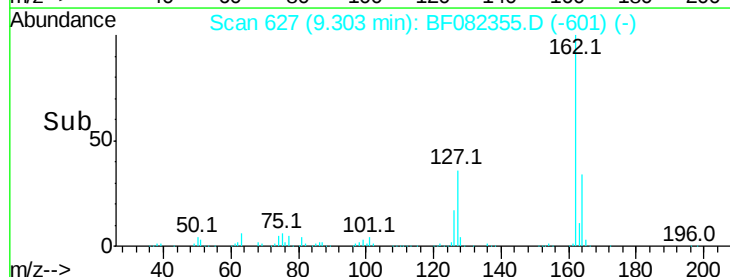
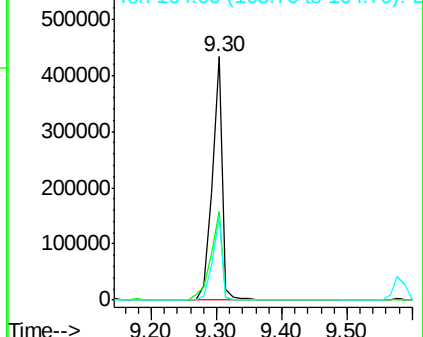
Lab File: BF082355.D

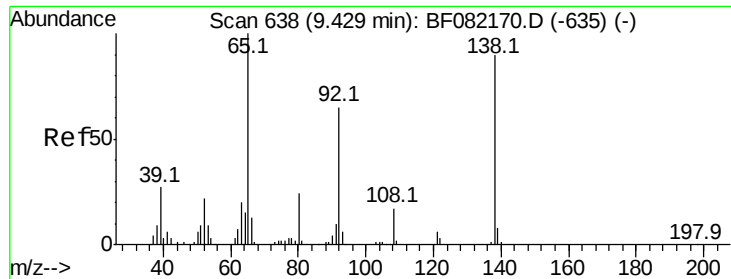
Acq: 19 Oct 2015 15:02

Tgt Ion:	162	Resp:	468955
Ion Ratio	Lower	Upper	
162	100		
127	36.3	27.5	41.3
164	33.8	26.6	39.8



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





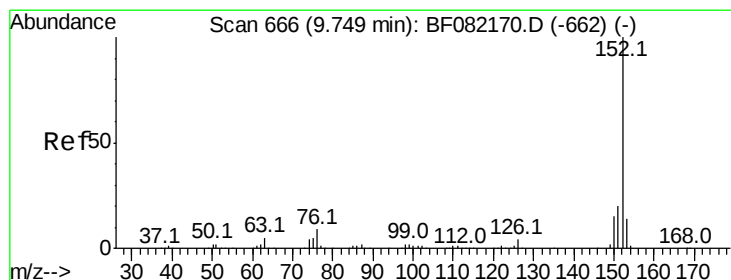
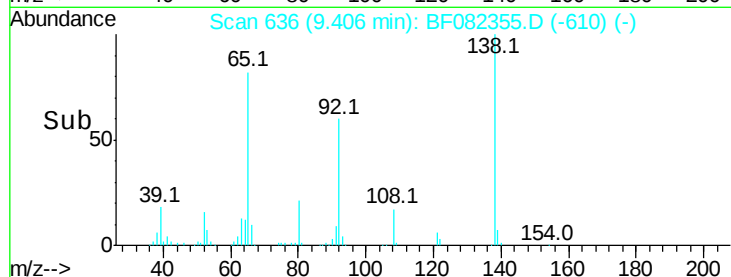
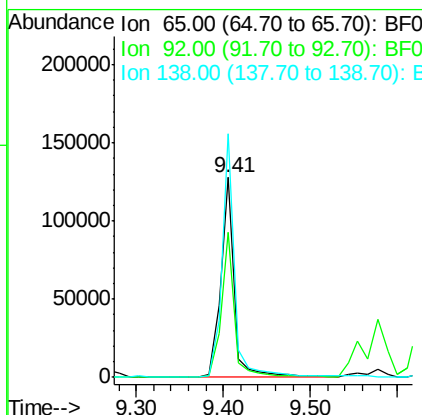
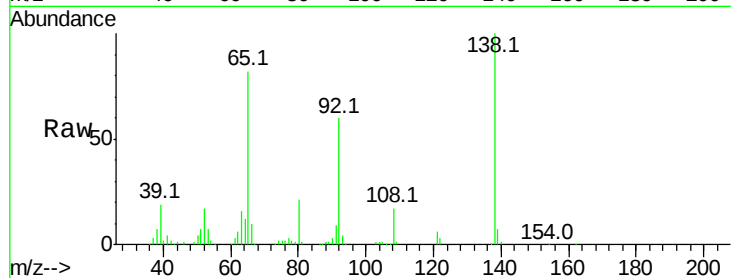
#47
2-Nitroaniline
Concen: 43.12 ng
RT: 9.41 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.6	52.3	78.5
138	122.0	72.2	108.4

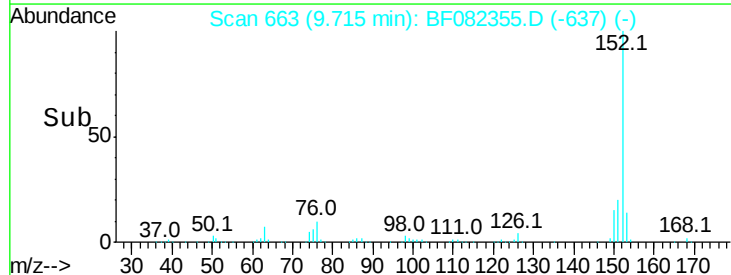
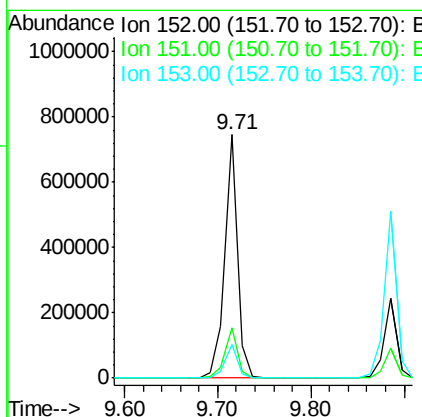
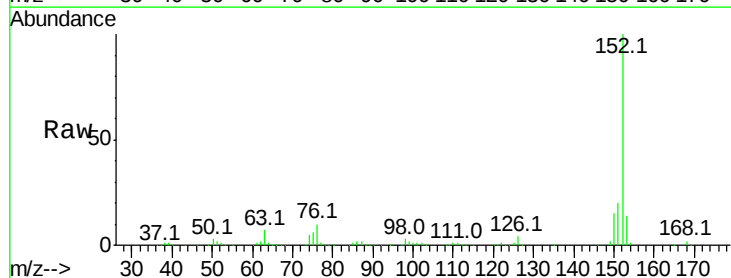
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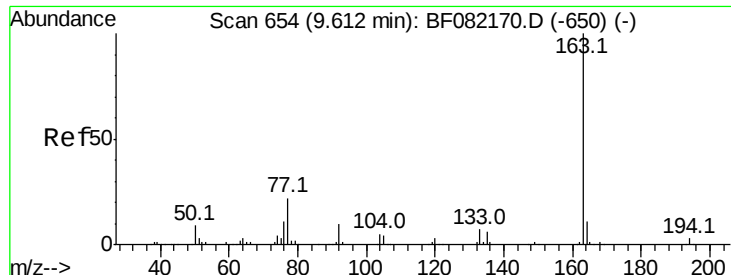
MMdadoda
10/20/2015 6:25:45 PM



#48
Acenaphthylene
Concen: 37.83 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.7	10.8	16.2





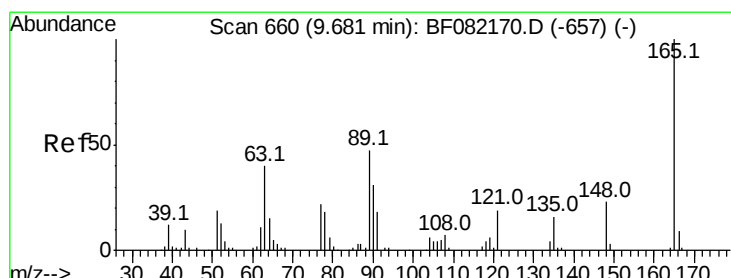
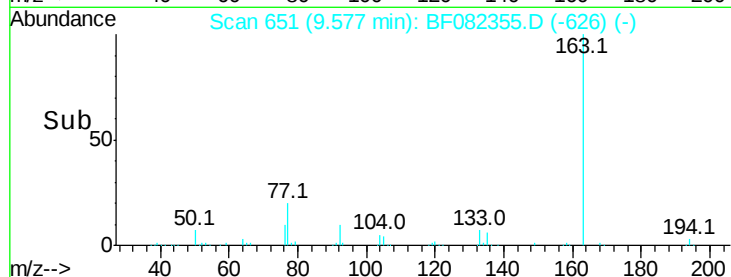
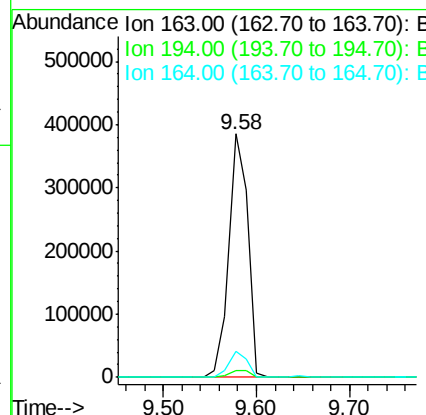
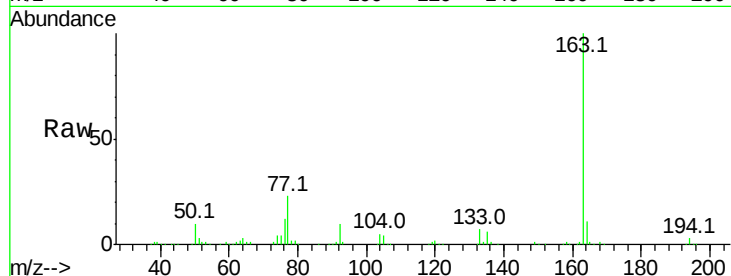
#49
Dimethylphthalate
Concen: 38.75 ng
RT: 9.58 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	548736		
194	3.0		2.6	4.0
164	10.8		8.5	12.7

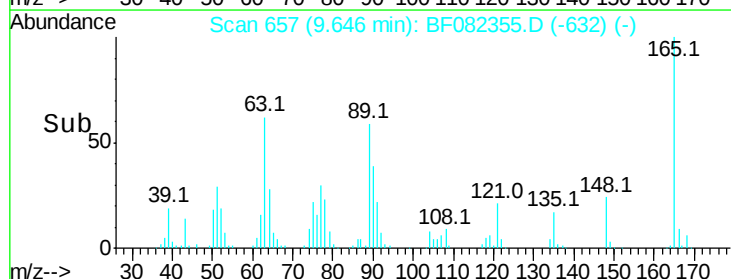
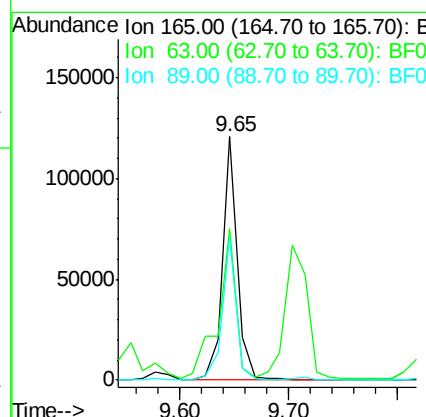
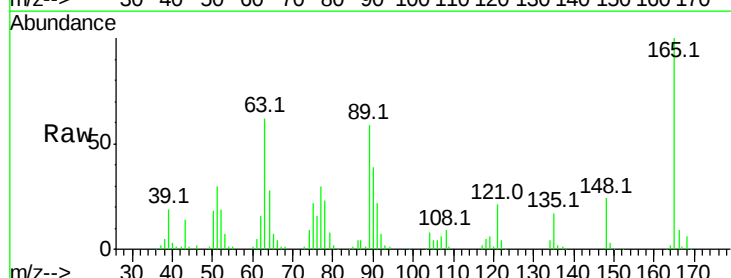
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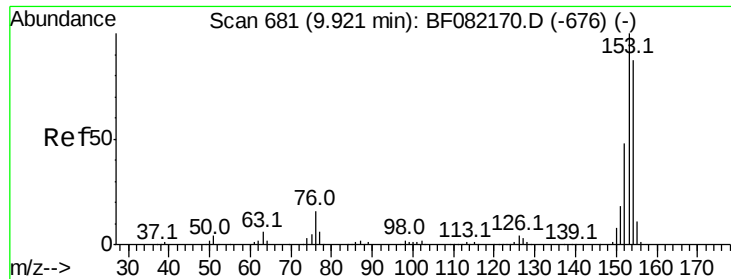
MMdadoda
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#50
2,6-Dinitrotoluene
Concen: 38.63 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	115450		
63	62.4		36.7	55.1#
89	58.7		37.8	56.6#





#51

Acenaphthene

Concen: 36.90 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

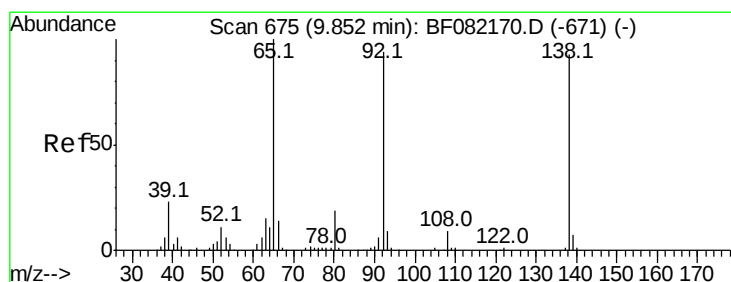
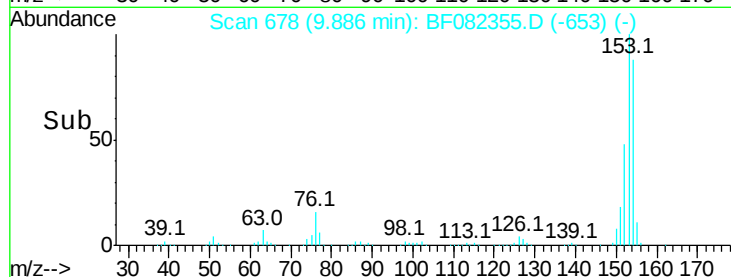
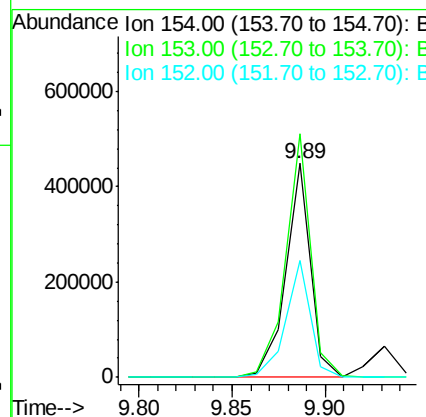
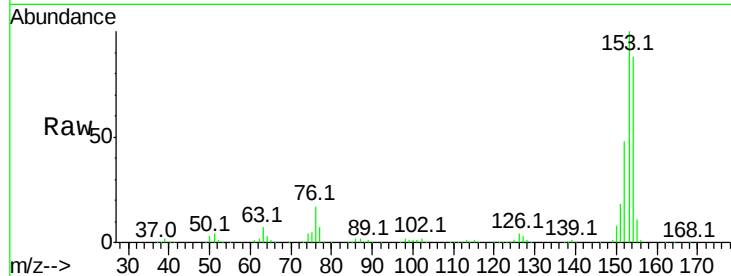
ClientSampleId :

PB86137BS

Tot Ion:	154	Resp:	416611
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.4	137.2
152	54.8	44.3	66.5

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#52

3-Nitroaniline

Concen: 22.52 ng

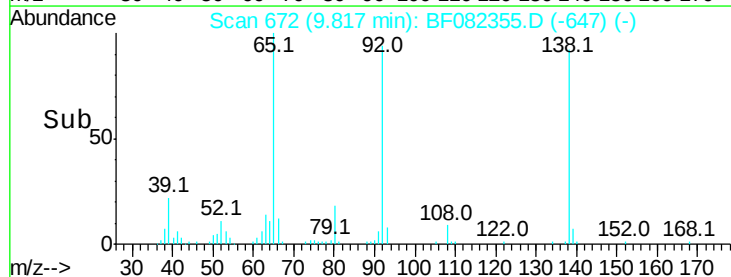
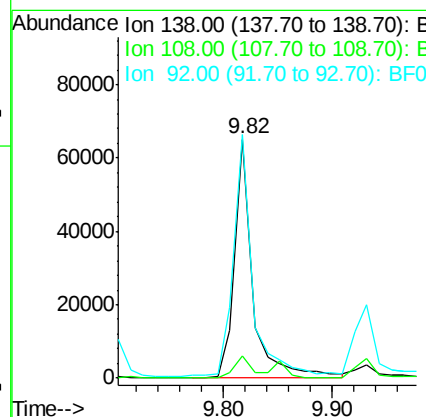
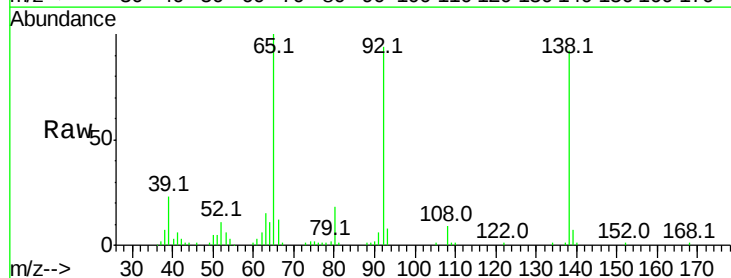
RT: 9.82 min Scan# 672

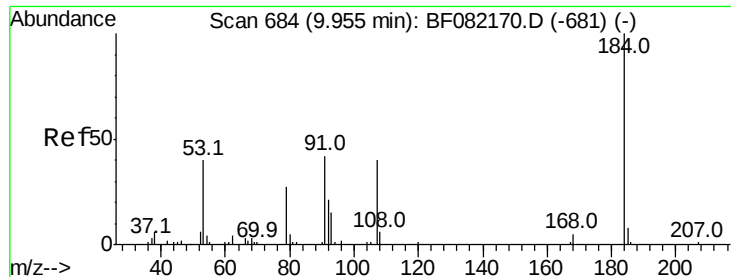
Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	138	Resp:	76001
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.4	11.0
92	101.9	81.3	121.9





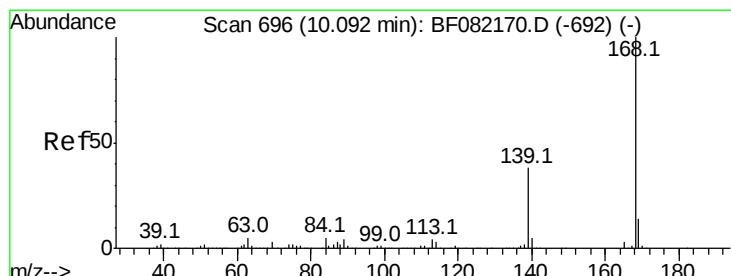
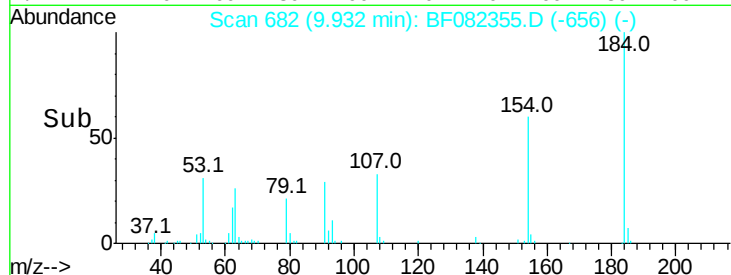
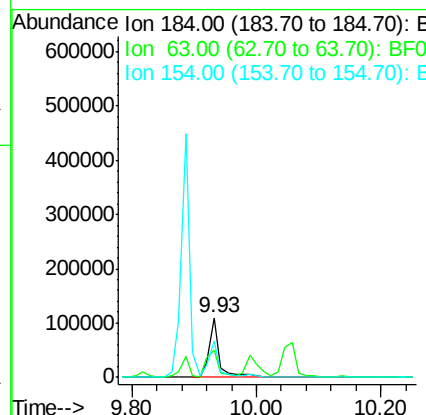
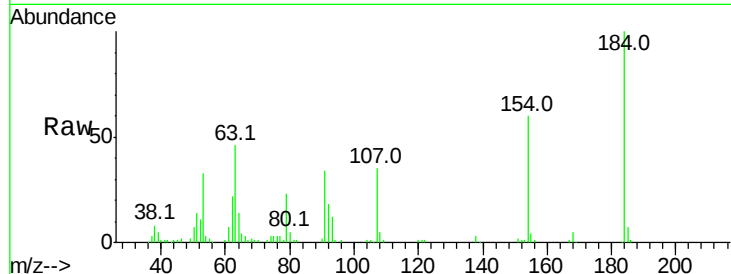
#53
2,4-Dinitrophenol
Concen: 79.33 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	132381		
63	45.6	45.1	67.7	
154	60.0	51.2	76.8	

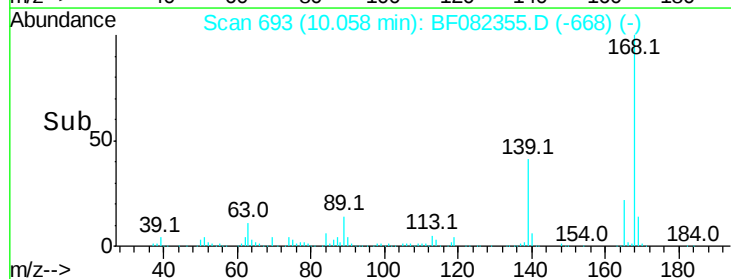
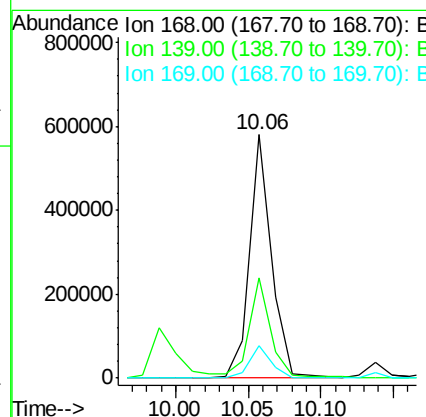
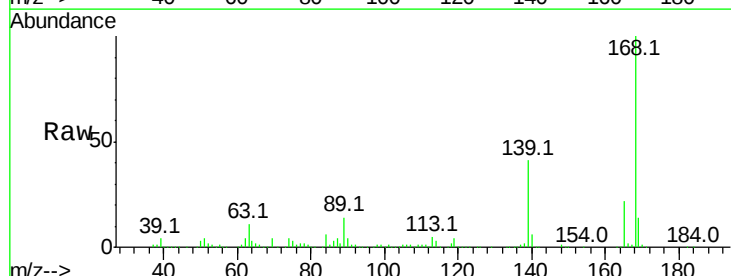
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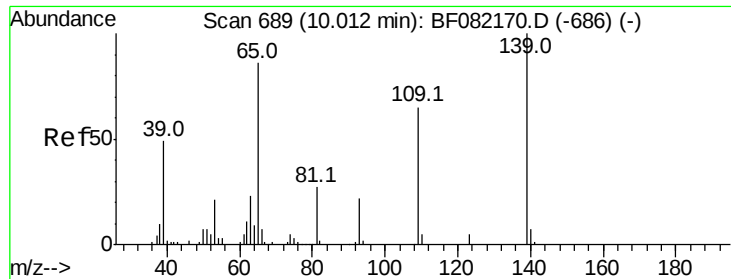
MMdadoda
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#54
Dibenzofuran
Concen: 39.58 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	613469		
139	40.9	31.0	46.6	
169	13.6	10.9	16.3	





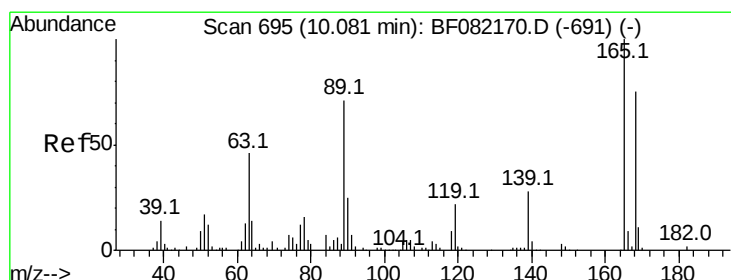
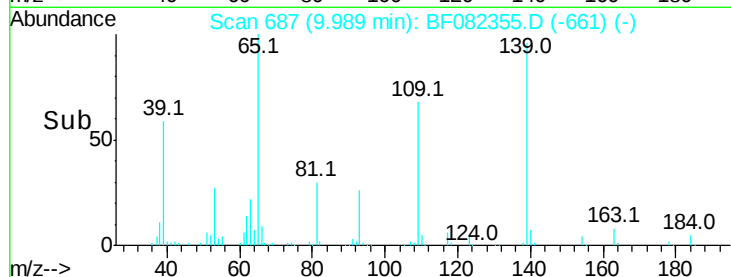
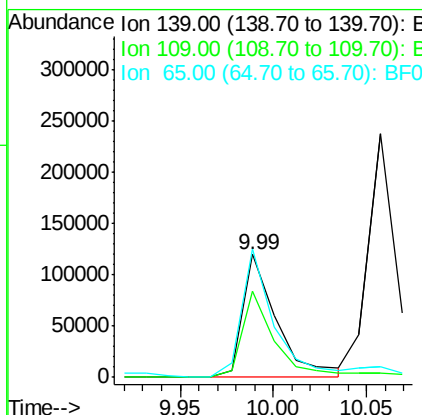
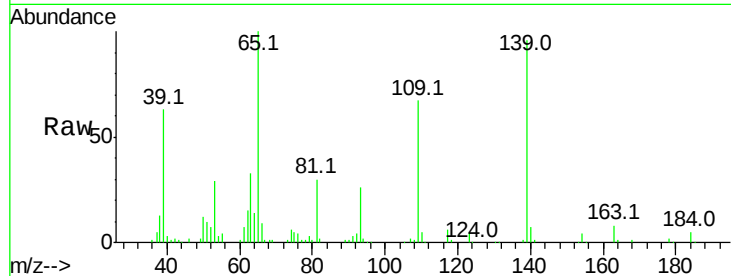
#55
4-Nitrophenol
Concen: 69.17 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.4	44.8	84.8
65	104.4	67.7	107.7

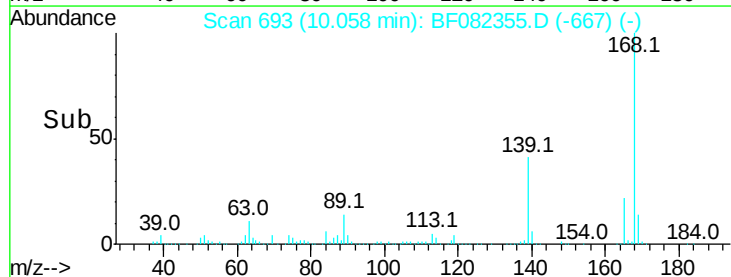
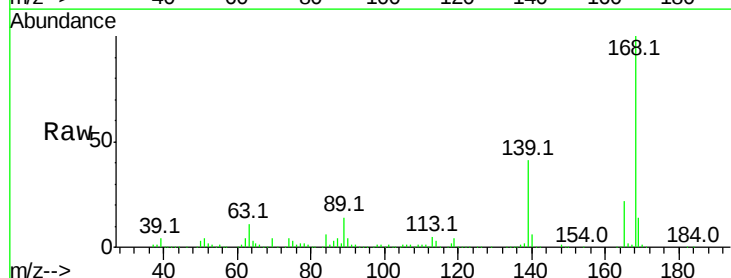
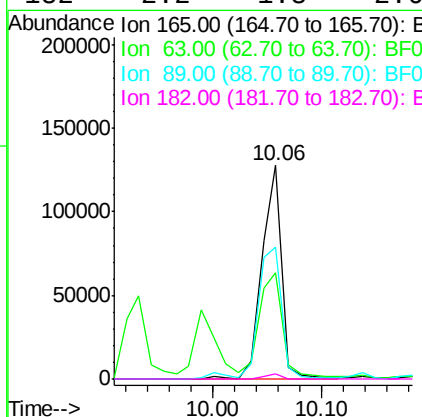
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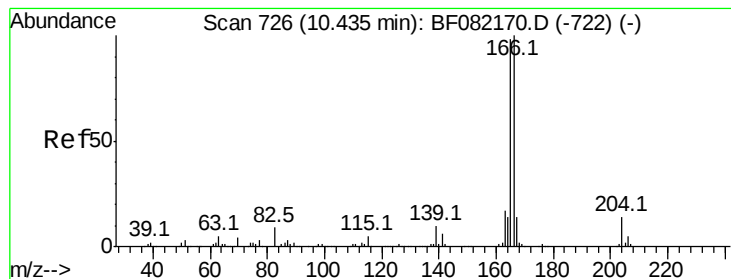
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 43.11 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.7	38.6	58.0
89	61.7	57.0	85.6
182	2.2	1.8	2.6





#57

Fluorene

Concen: 38.75 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

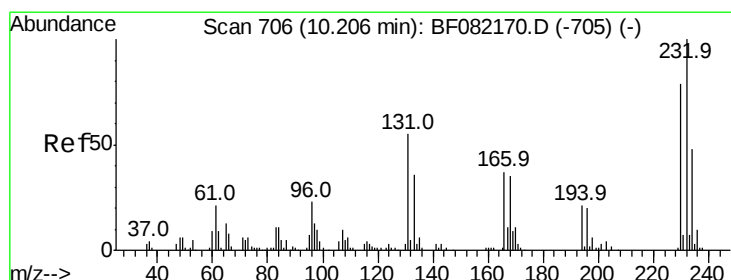
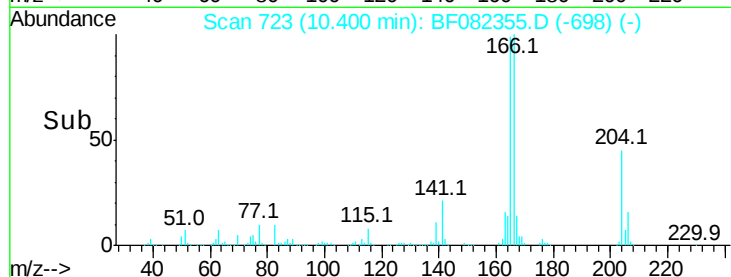
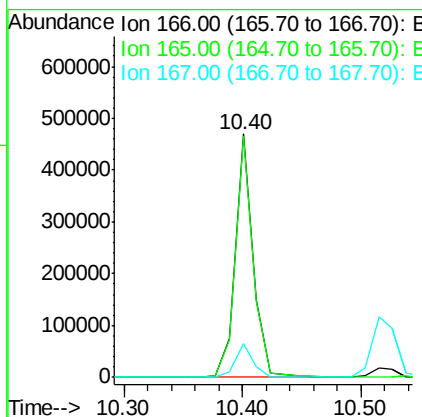
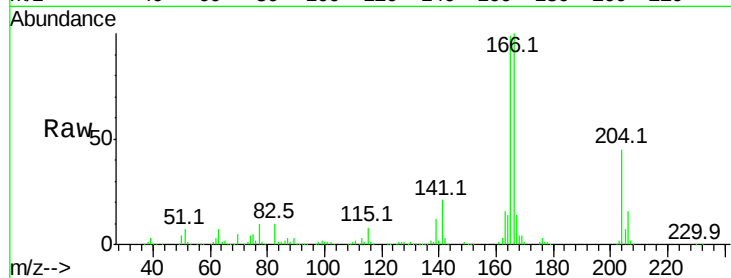
ClientSampleId :

PB86137BS

Tot Ion:	166	Resp:	493337
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.3	117.5
167	13.8	10.8	16.2

Manual Integrations
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10/20/2015 6:25:45 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.63 ng

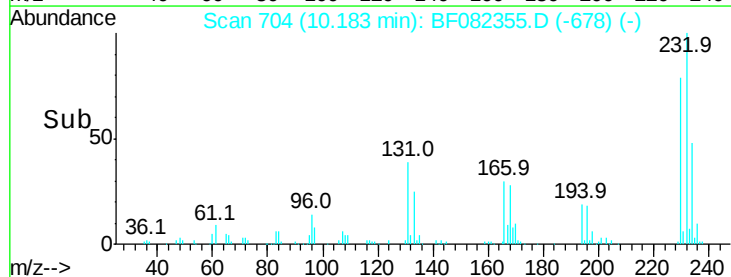
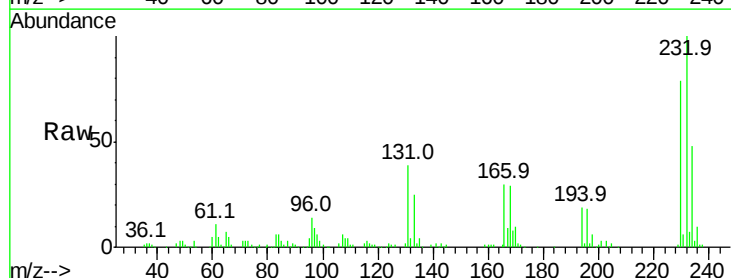
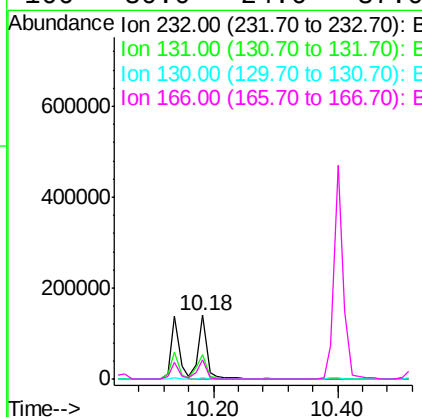
RT: 10.18 min Scan# 704

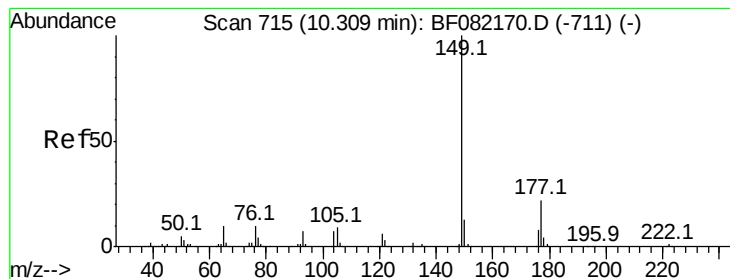
Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	232	Resp:	139361
Ion Ratio	Lower	Upper	
232	100		
131	43.8	36.6	54.8
130	1.9	1.5	2.3
166	30.0	24.6	37.0





#59

Diethylphthalate

Concen: 41.90 ng

RT: 10.29 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

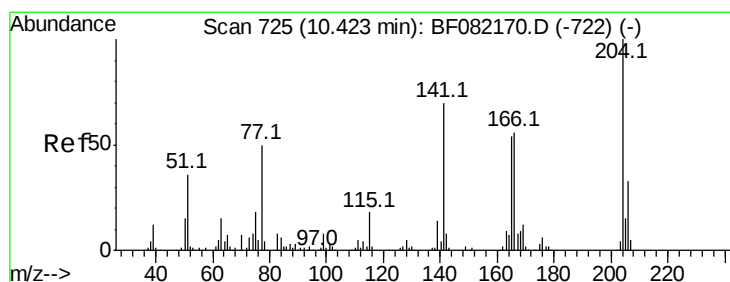
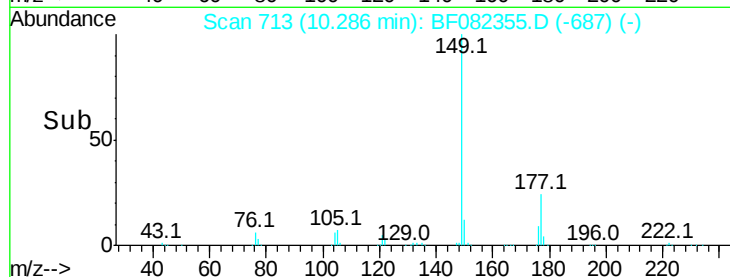
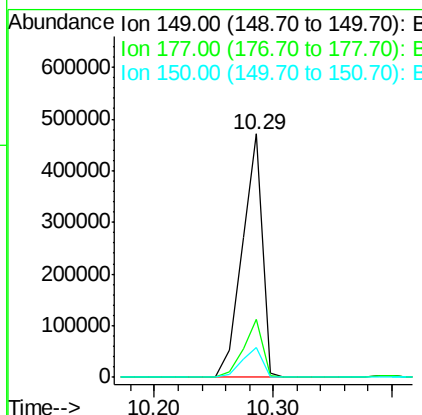
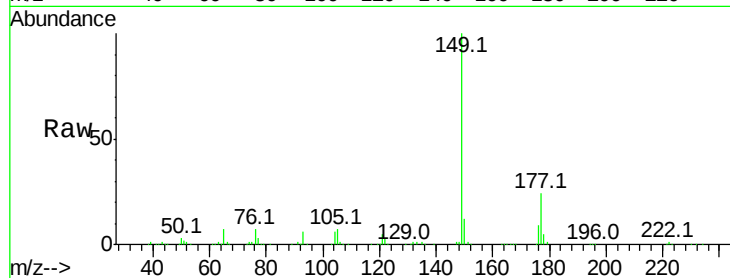
ClientSampleId :

PB86137BS

Tot Ion:	149	Resp:	553199
Ion Ratio	Lower	Upper	
149	100		
177	24.0	17.6	26.4
150	12.5	10.3	15.5

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#60

4-Chlorophenyl-phenylether

Concen: 42.08 ng

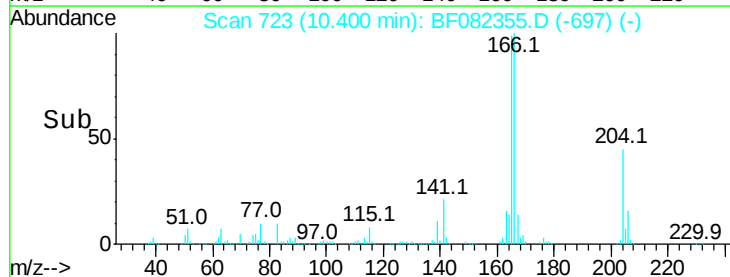
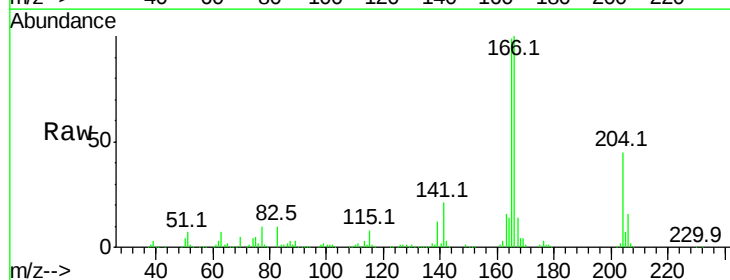
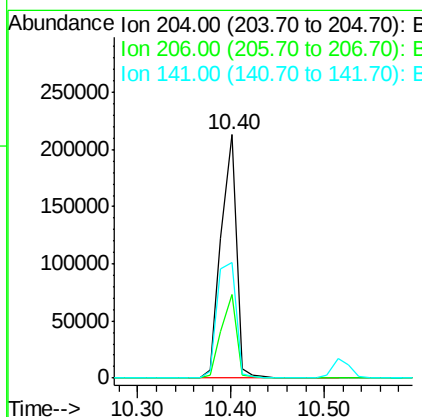
RT: 10.40 min Scan# 723

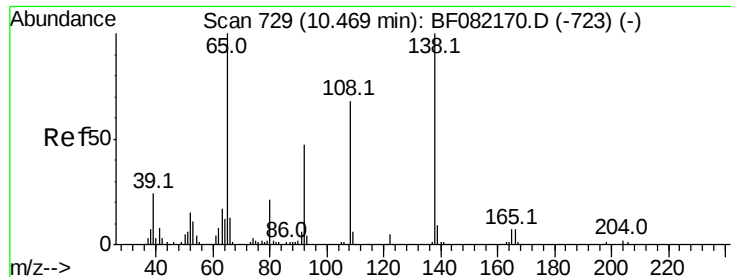
Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	204	Resp:	245387
Ion Ratio	Lower	Upper	
204	100		
206	34.2	26.8	40.2
141	47.4	56.1	84.1#





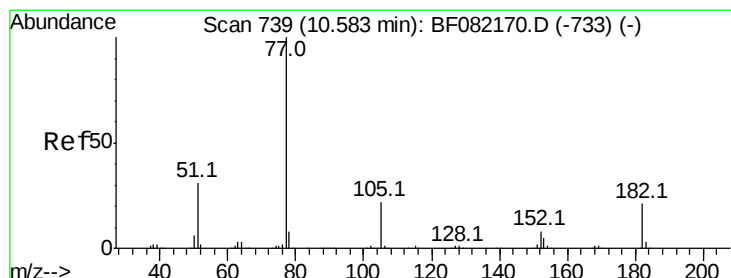
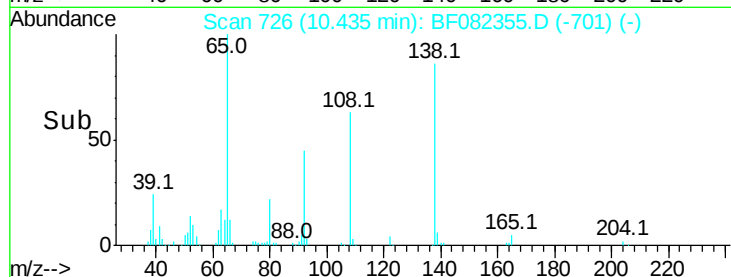
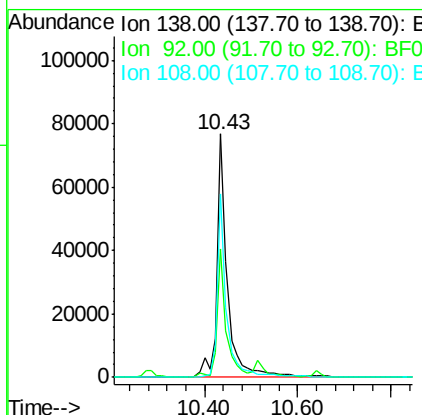
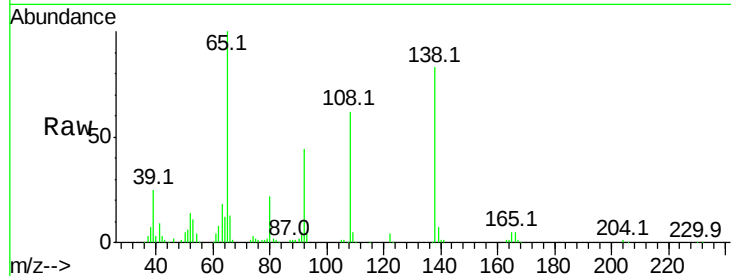
#61
4-Nitroaniline
Concen: 36.70 ng
RT: 10.43 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.6	26.8	66.8
108	75.1	48.4	88.4

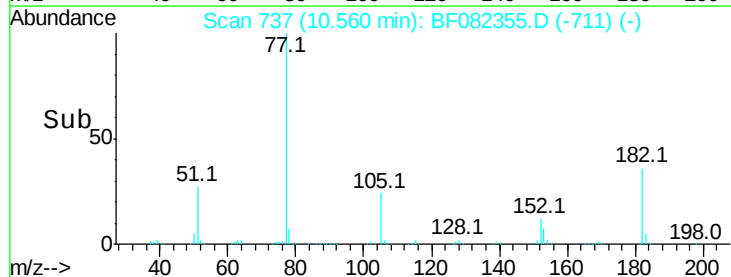
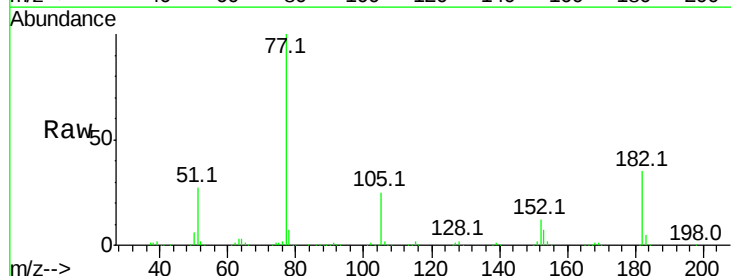
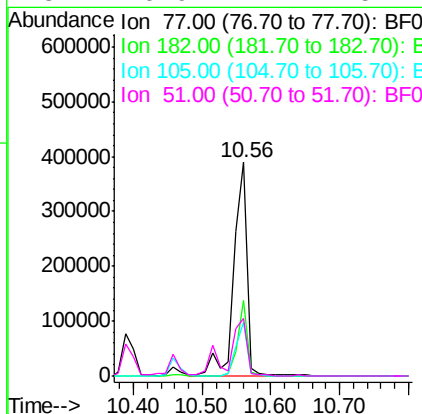
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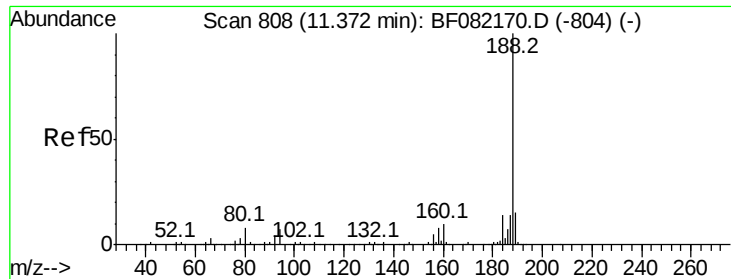
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#62
Azobenzene
Concen: 40.92 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.4	0.5	40.5
105	25.4	1.8	41.8
51	26.9	11.2	51.2





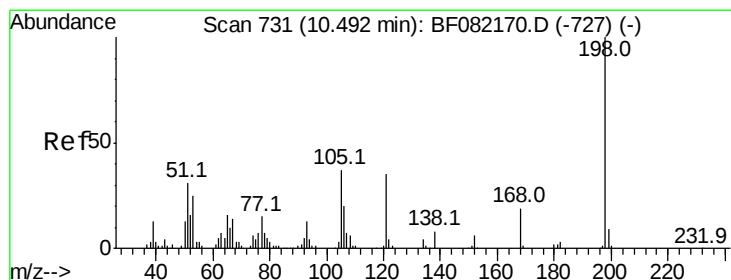
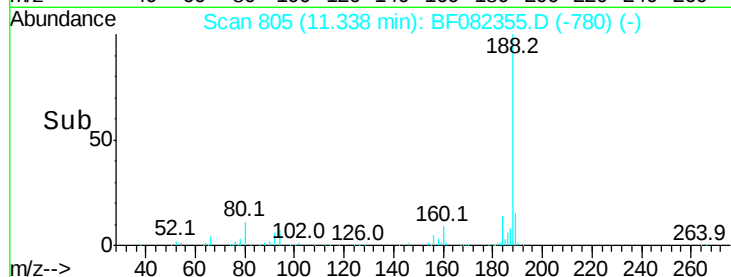
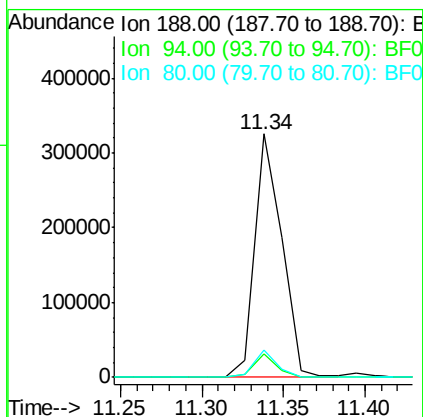
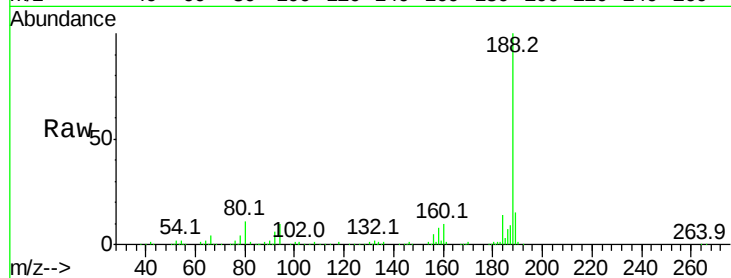
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	5.8	8.6#	
80	11.1	6.4	9.6#	

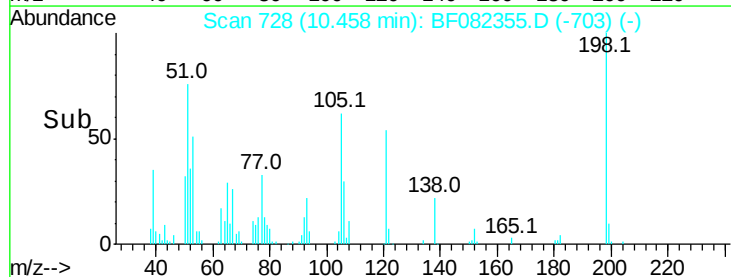
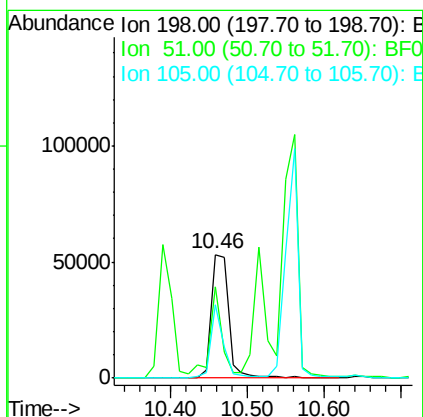
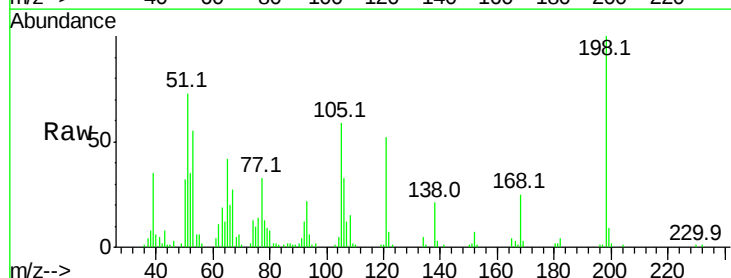
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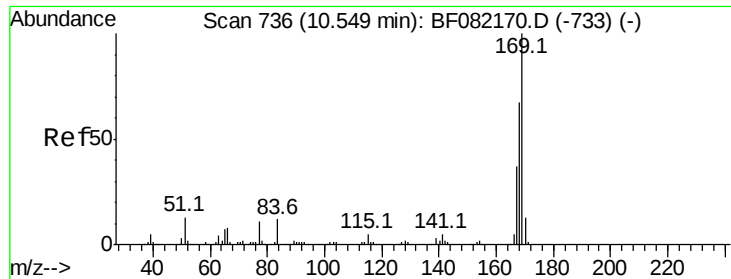
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.35 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	73.3	13.6	53.6#	
105	59.3	17.1	57.1#	





#65

n-Nitrosodiphenylamine

Concen: 39.56 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

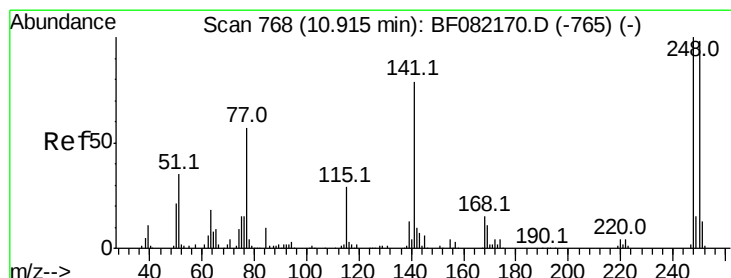
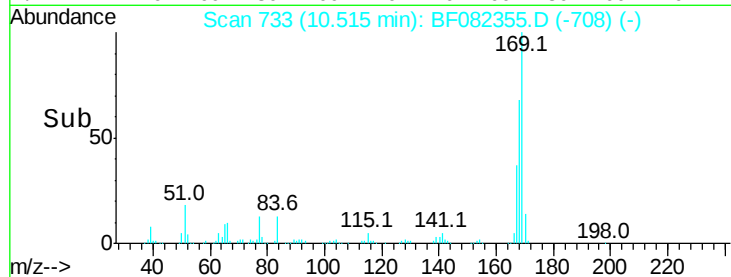
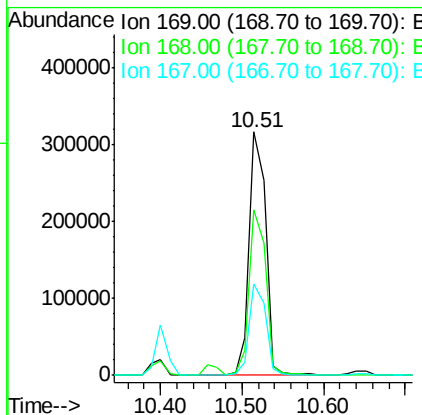
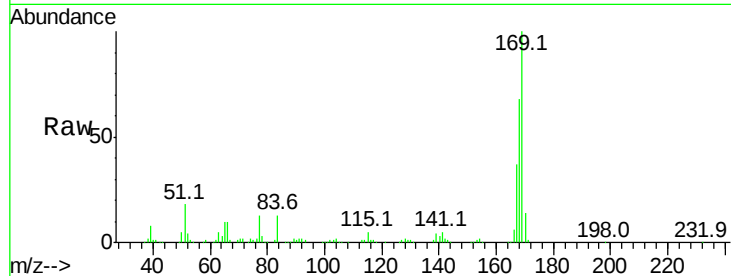
ClientSampleId :

PB86137BS

Tot Ion:	169	Resp:	448111
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.0	81.0
167	37.3	29.6	44.4

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#66

4-Bromophenyl-phenylether

Concen: 37.93 ng

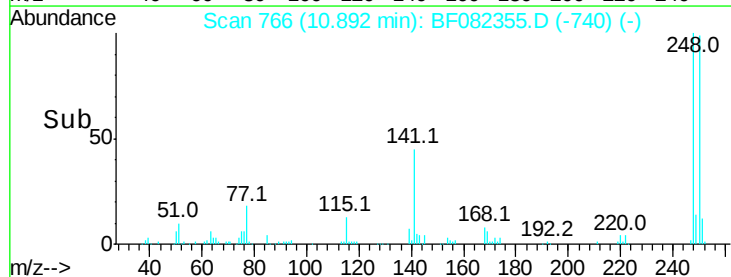
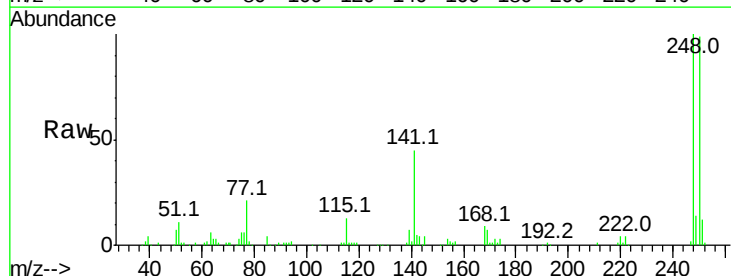
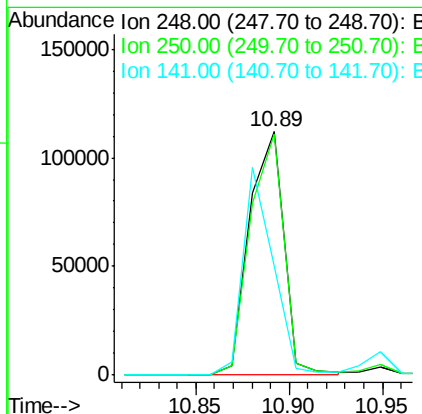
RT: 10.89 min Scan# 766

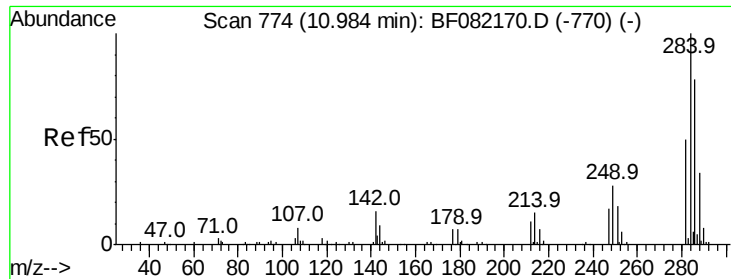
Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:	248	Resp:	143619
Ion Ratio	Lower	Upper	
248	100		
250	99.2	78.6	117.8
141	45.0	63.3	94.9#





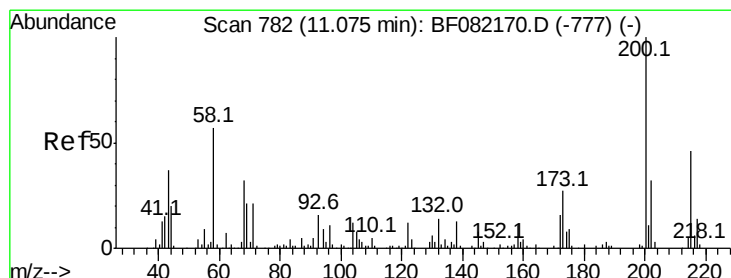
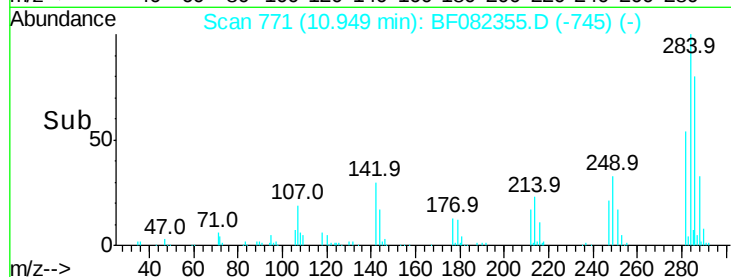
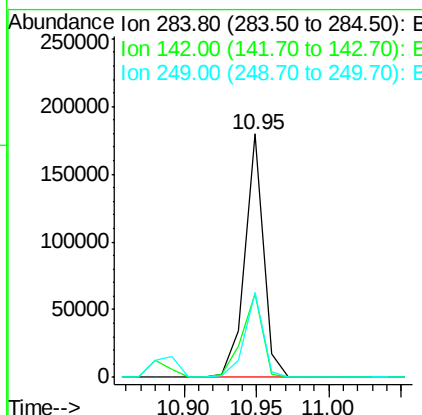
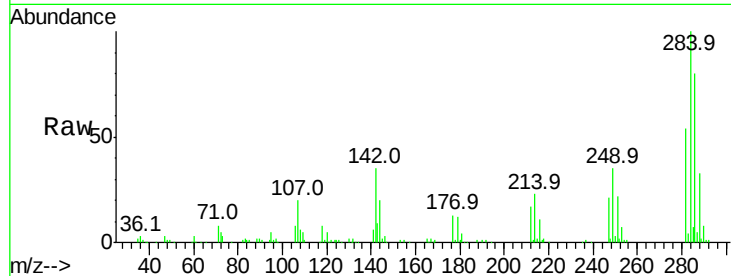
#67
Hexachlorobenzene
Concen: 39.26 ng
RT: 10.95 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	160744		
142	34.6	13.0	19.6#	
249	34.8	22.5	33.7#	

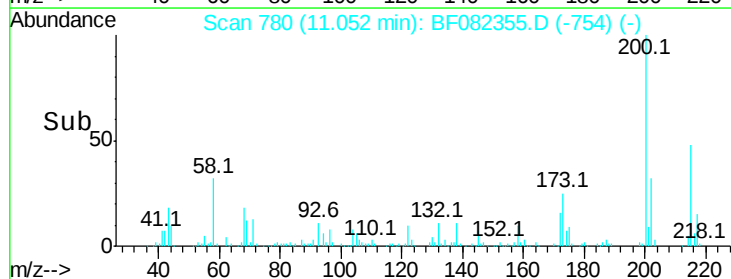
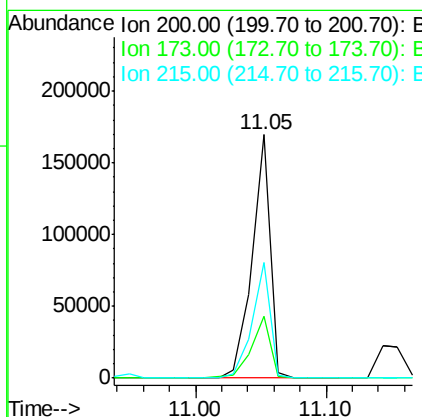
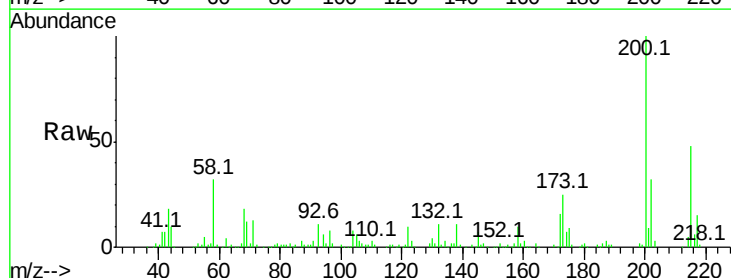
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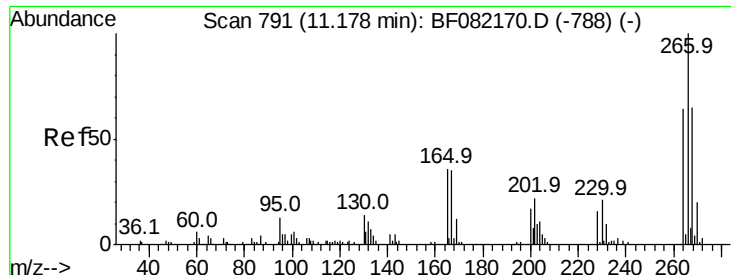
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#68
Atrazine
Concen: 45.90 ng
RT: 11.05 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	164693		
173	25.5	7.3	47.3	
215	47.7	26.2	66.2	





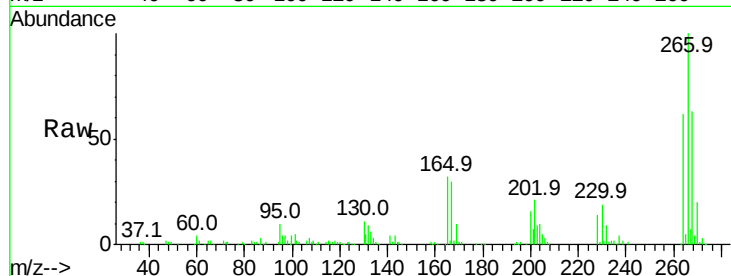
#69
 Pentachlorophenol
 Concen: 81.64 ng
 RT: 11.15 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

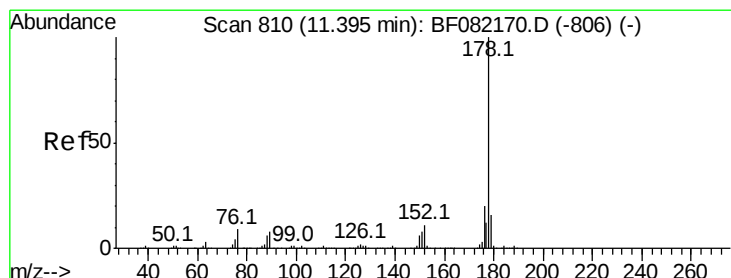
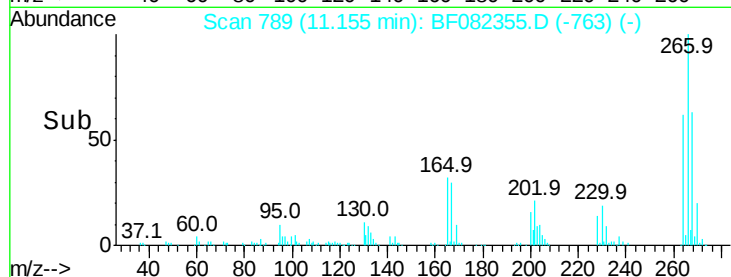
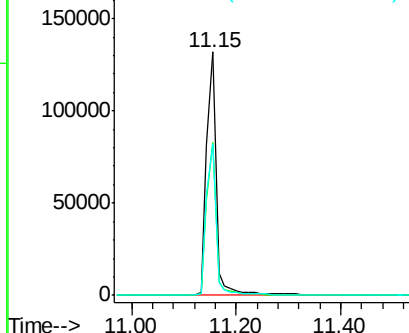
Tot Ion	Ratio	Resp	Lower	Upper
266	100	172008		
268	62.9	52.0	78.0	
264	62.2	51.4	77.0	

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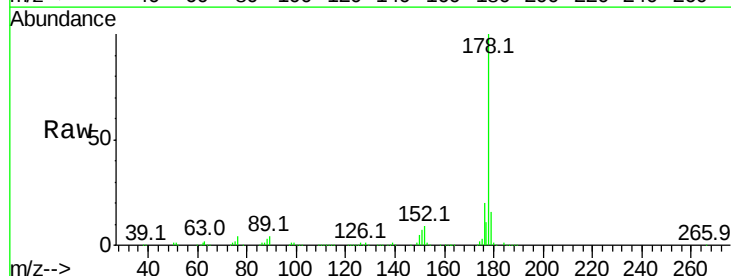


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

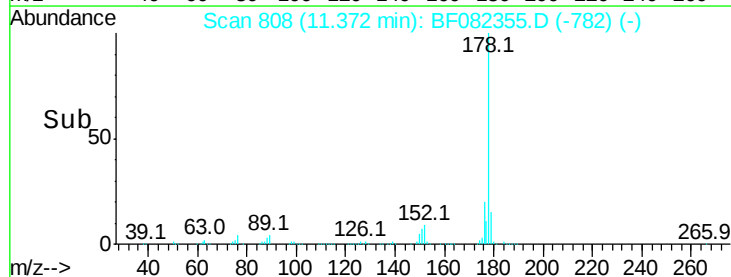
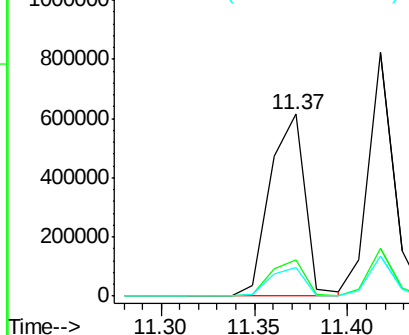


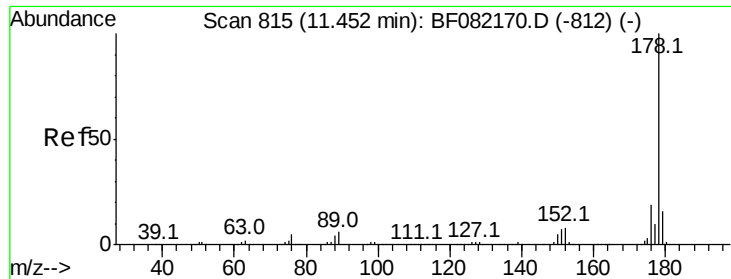
#70
 Phenanthrene
 Concen: 43.00 ng
 RT: 11.37 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	797360		
176	19.7	16.0	24.0	
179	15.6	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





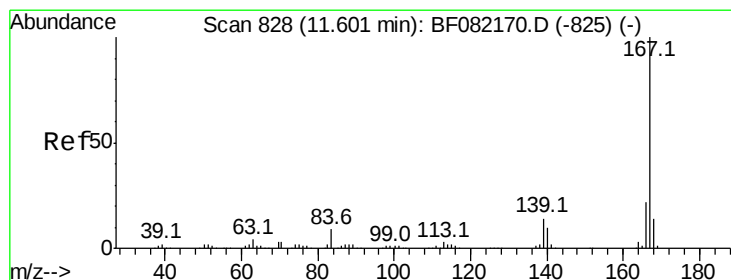
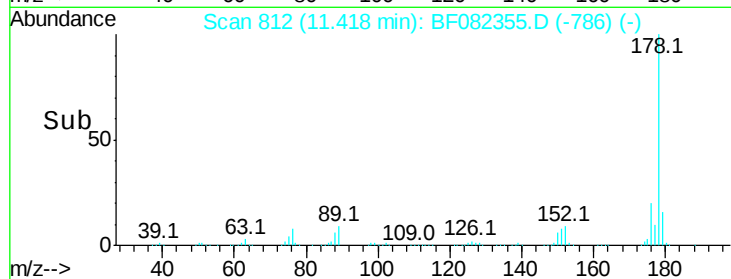
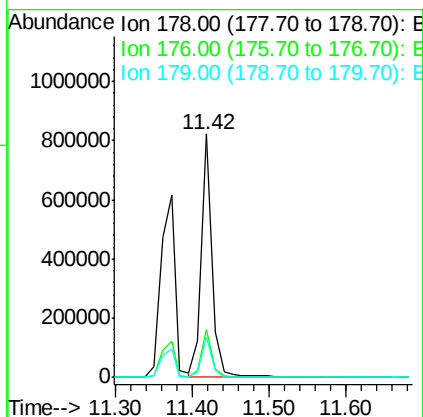
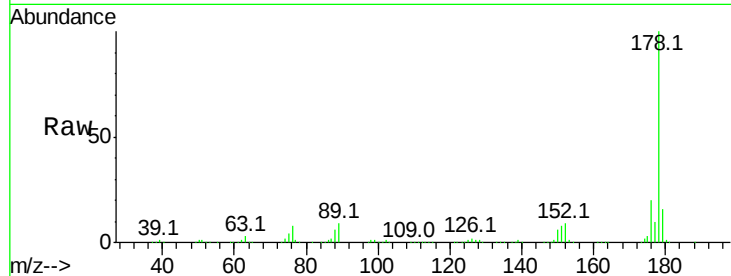
#71
 Anthracene
 Concen: 41.38 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.3	12.5	18.7

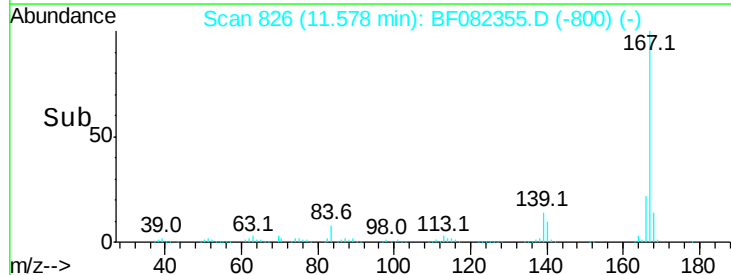
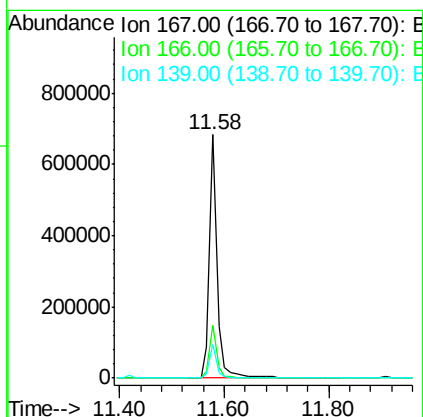
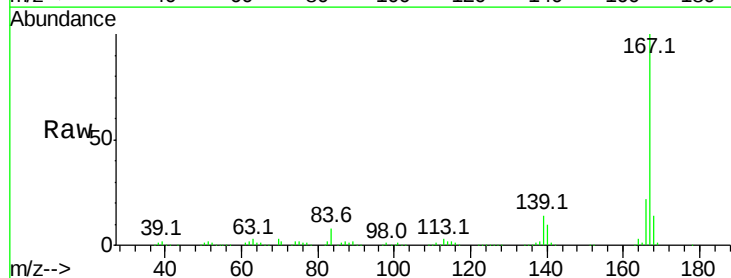
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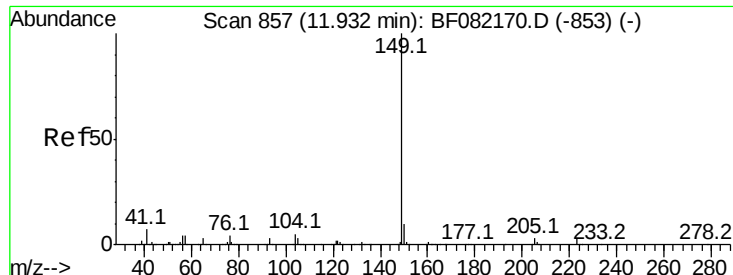
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#72
 Carbazole
 Concen: 40.12 ng
 RT: 11.58 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.6	11.2	16.8





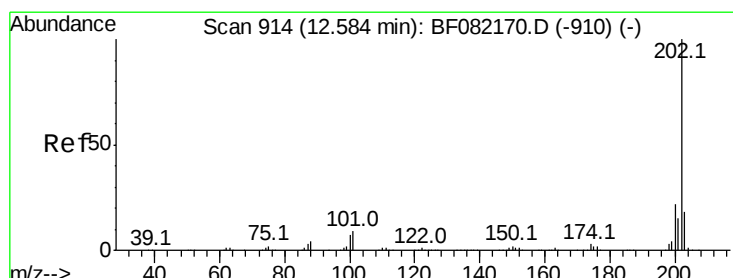
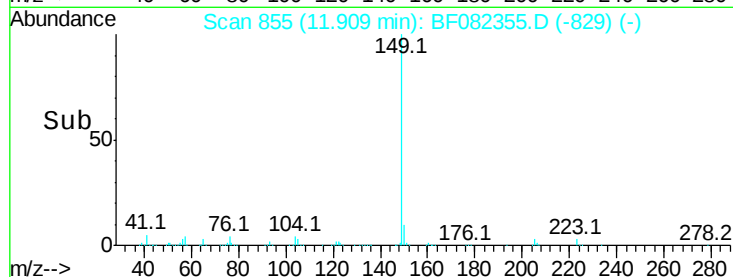
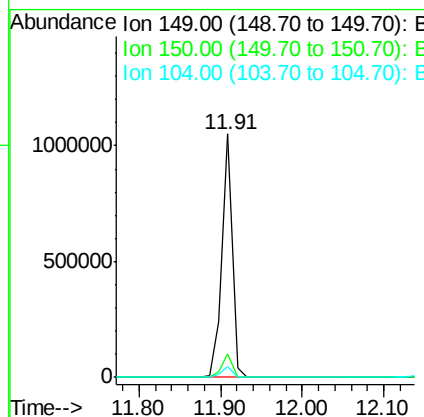
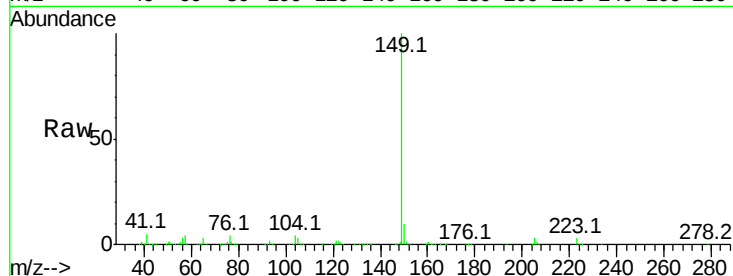
#73
Di-n-butylphthalate
Concen: 42.91 ng
RT: 11.91 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

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

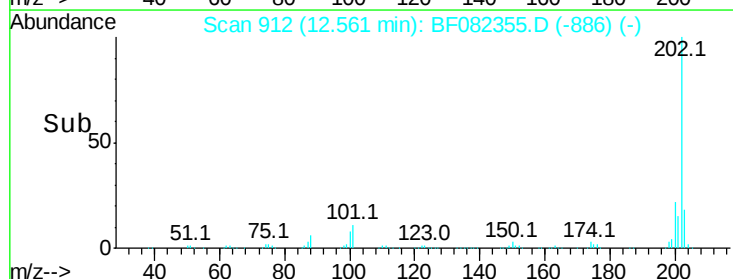
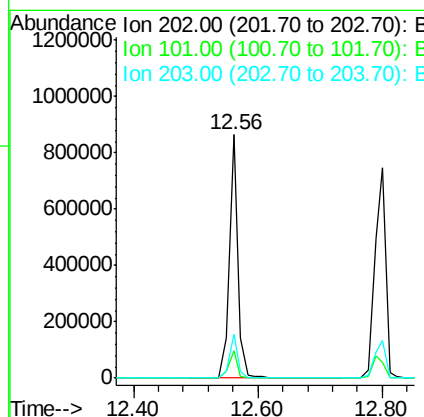
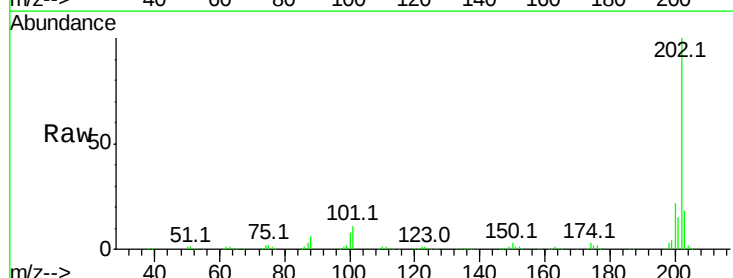
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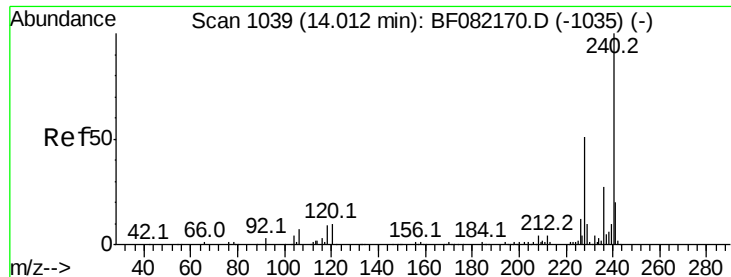
MMdadoda
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#74
Fluoranthene
Concen: 41.19 ng
RT: 12.56 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.1	0.0	29.3	
203	18.1	0.0	37.8	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

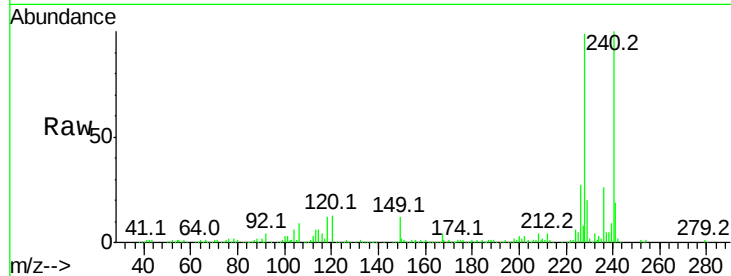
ClientSampleId :

PB86137BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.1	12.1#
236	26.0	21.3	31.9

Manual Integrations
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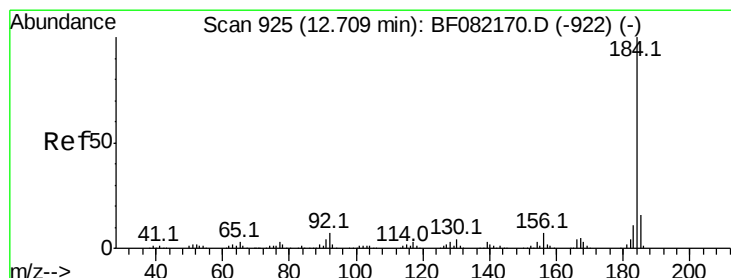
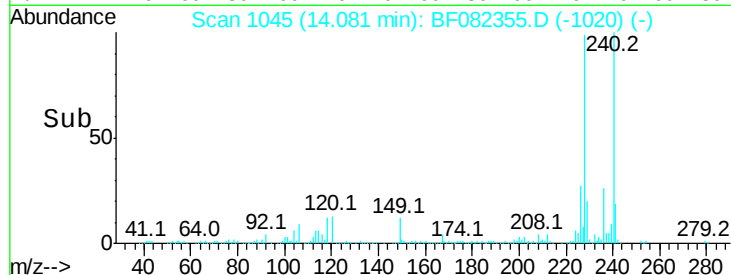
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.08

Time-->



#76

Benzidine

Concen: 25.99 ng

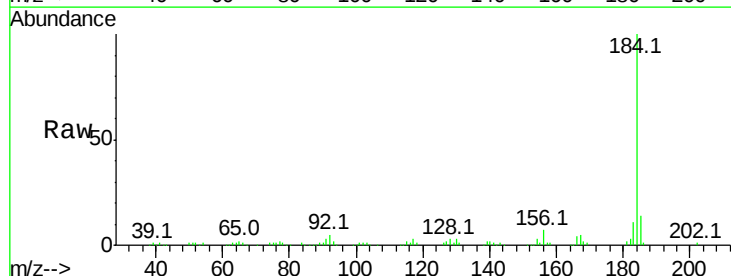
RT: 12.70 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.5	18.7
183	11.4	9.1	13.7



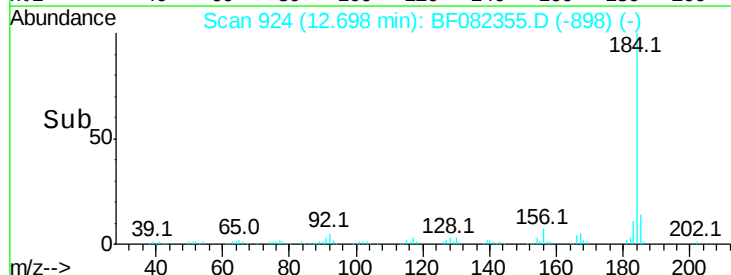
Abundance Ion 184.00 (183.70 to 184.70): E

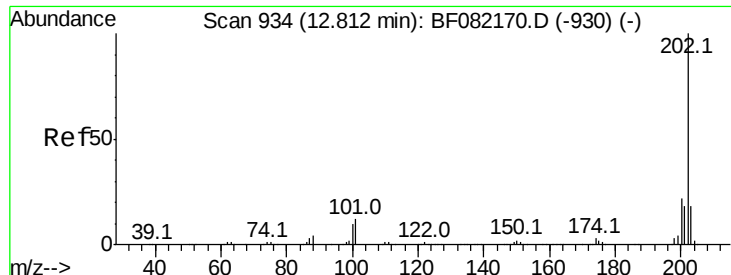
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.70

Time-->





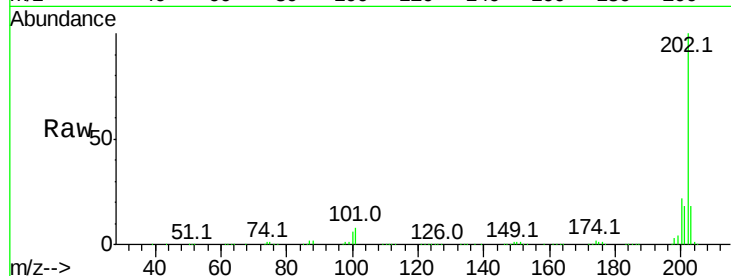
#77
Pvrene
Concen: 42.76 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

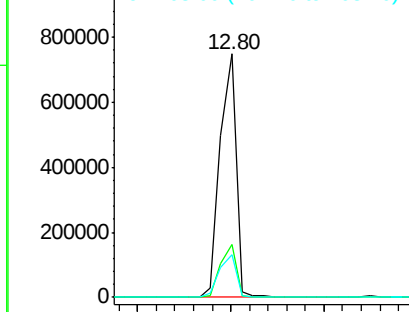
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	17.7	14.5	21.7

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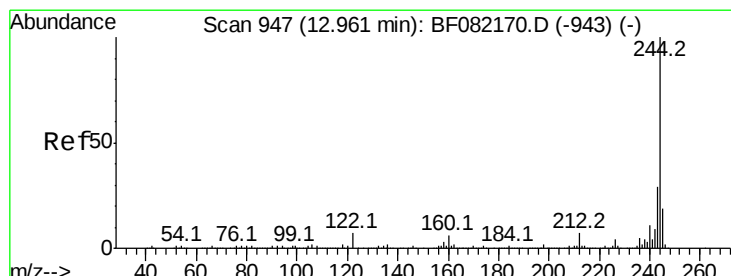
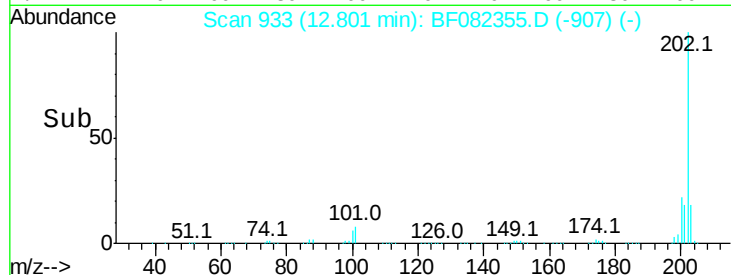
MMdadoda
10/20/2015 6:25:45 PM



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

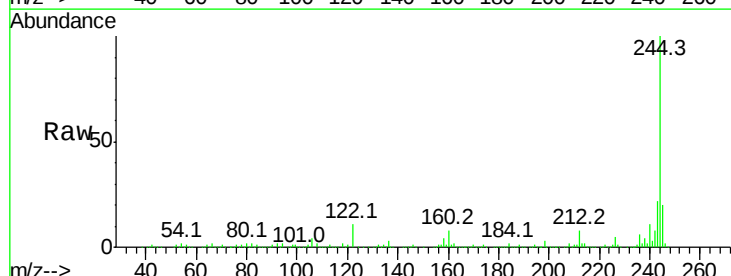


Time-->

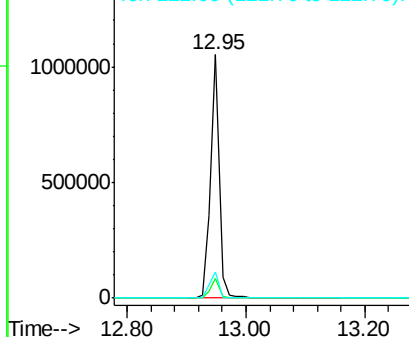


#78
Terphenyl-d14
Concen: 80.24 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

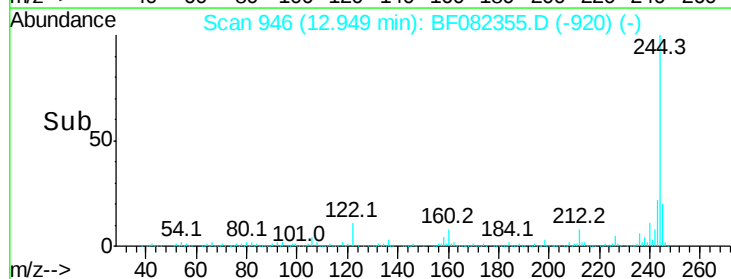
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.6
122	10.6	5.9	8.9#

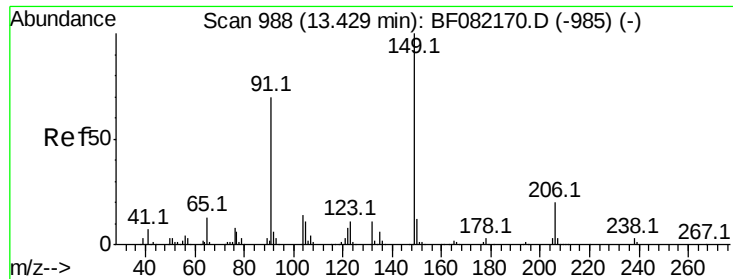


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





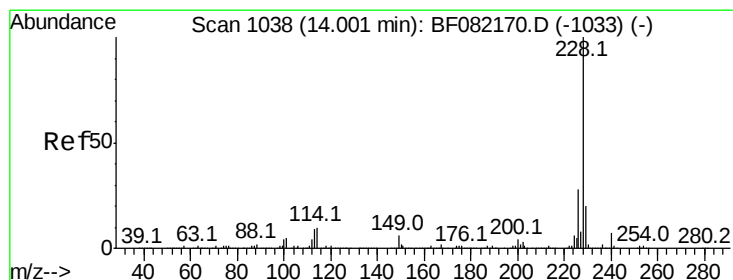
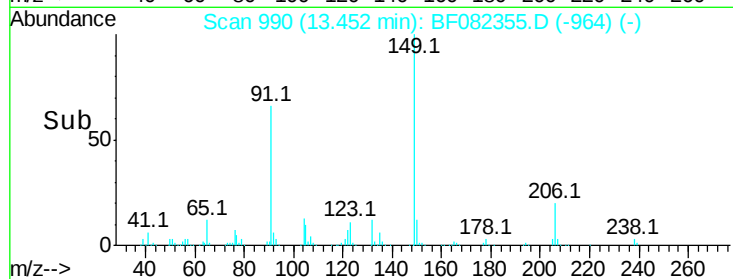
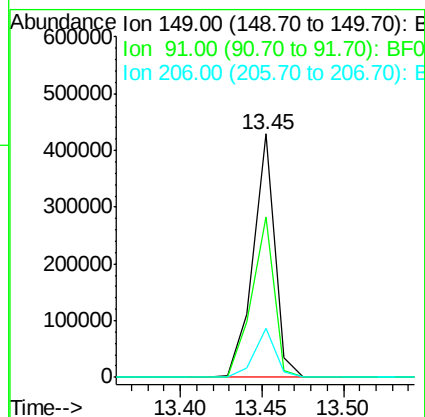
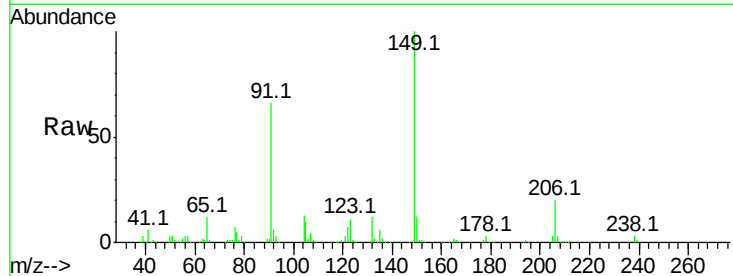
#79
Butylbenzylphthalate
Concen: 41.40 ng
RT: 13.45 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	396357		
91	65.9	55.7	83.5	
206	20.3	15.6	23.4	

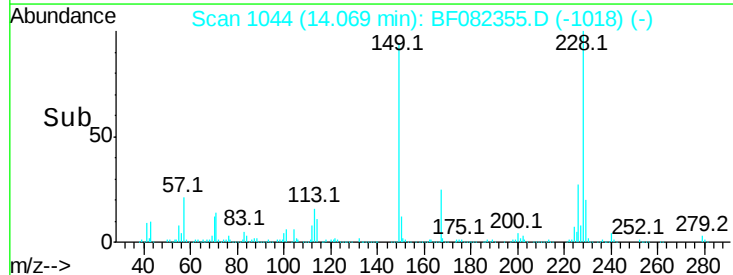
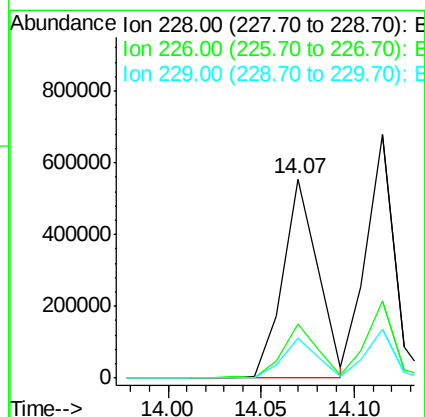
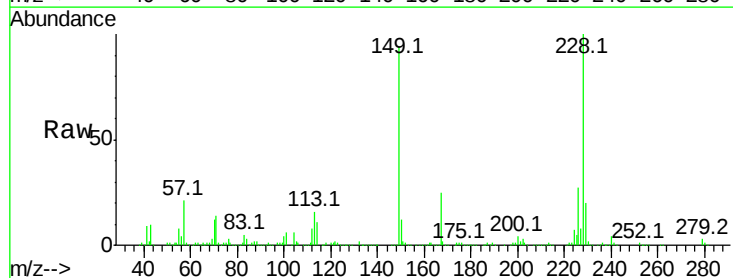
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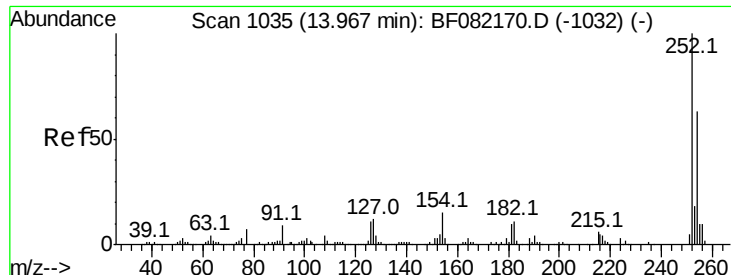
MMdadoda
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#80
Benzo(a)anthracene
Concen: 39.52 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	726910		
226	27.1	22.3	33.5	
229	20.0	16.2	24.2	





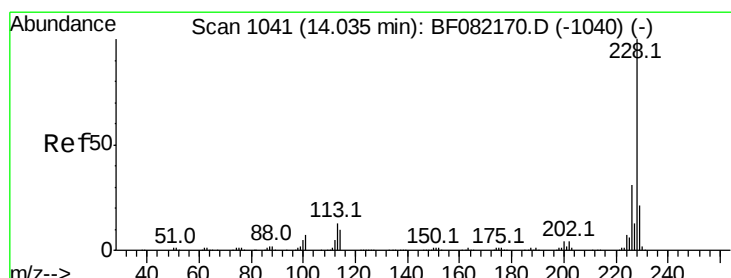
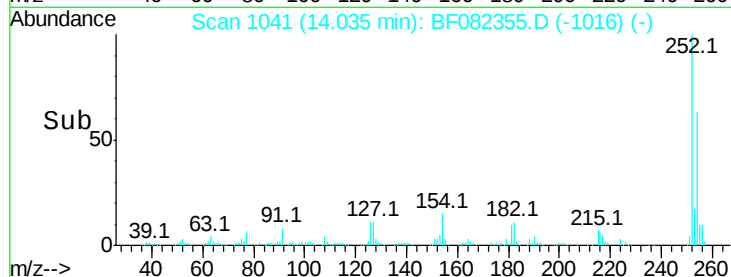
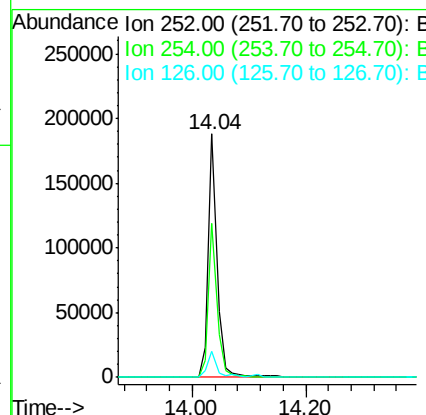
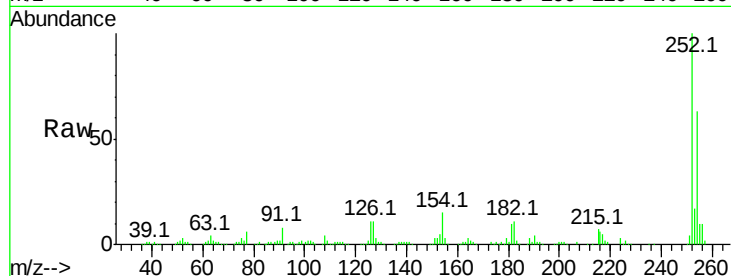
#81
 3,3'-Dichlorobenzidine
 Concen: 28.11 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.7	76.1
126	10.7	9.0	13.6

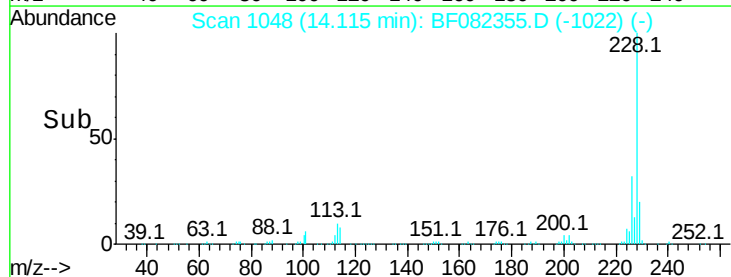
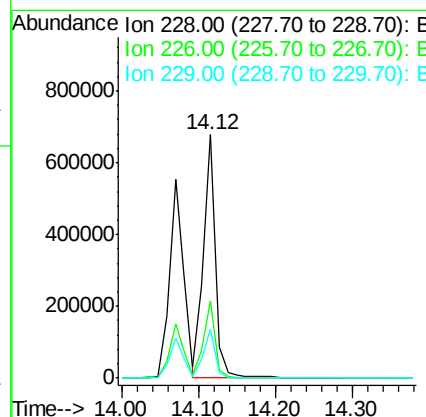
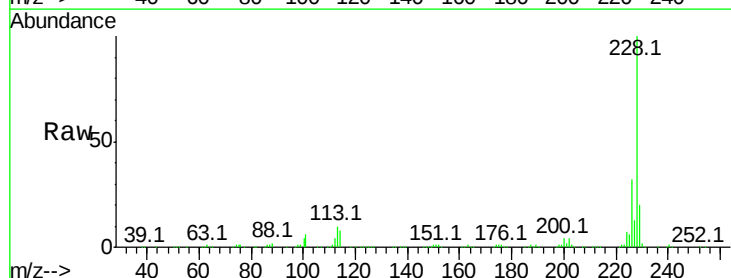
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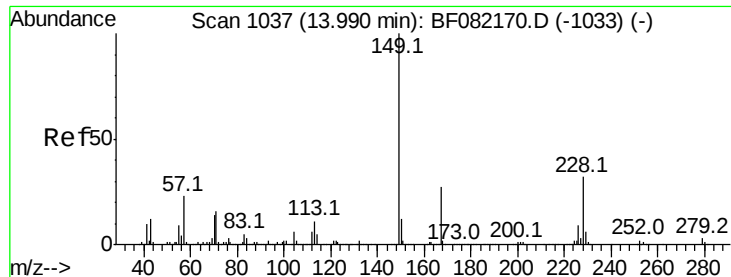
MMdadoda
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#82
 Chrysene
 Concen: 37.47 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.4	36.6
229	20.2	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.59 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

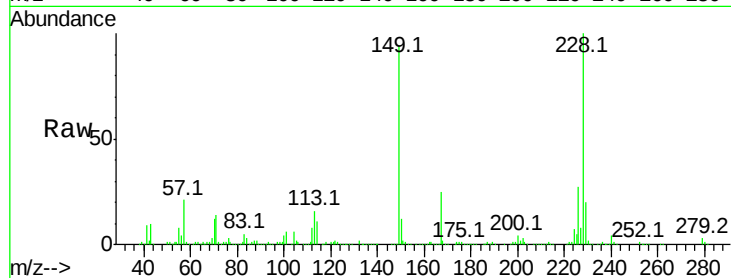
ClientSampleId :

PB86137BS

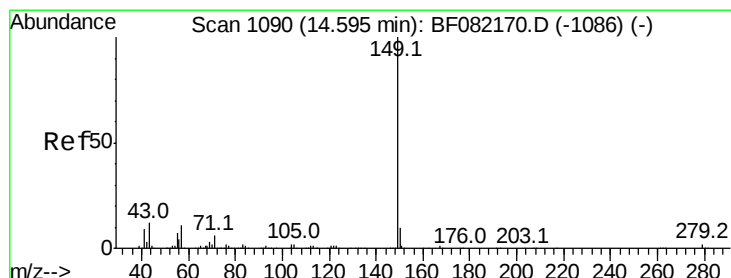
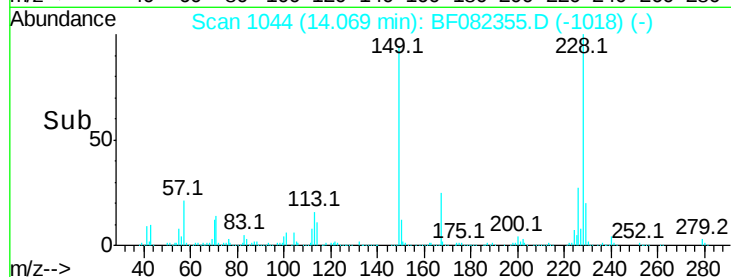
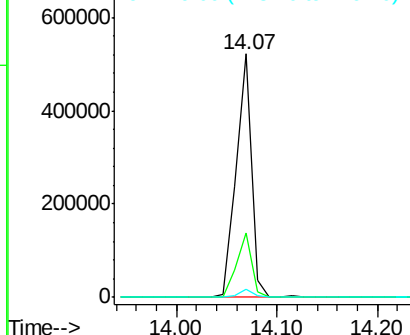
Tot Ion:	149	Resp:	554451
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.2	2.6	4.0

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



#84

Di-n-octyl phthalate

Concen: 38.86 ng

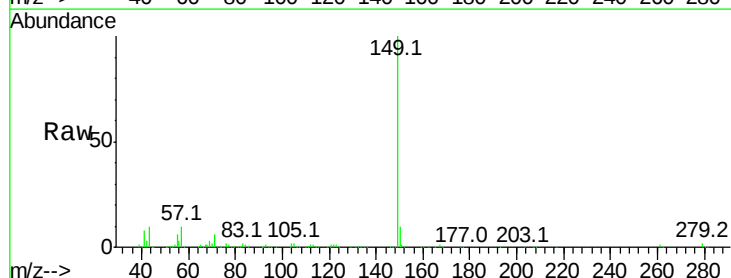
RT: 14.78 min Scan# 1106

Delta R.T. -0.01 min

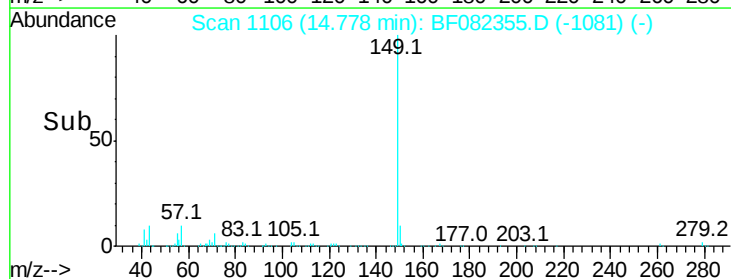
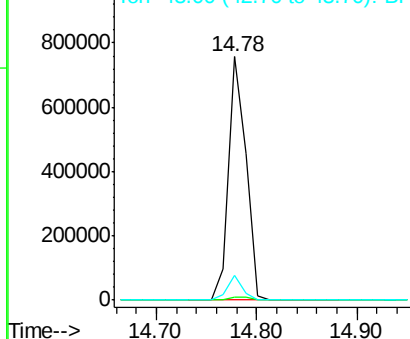
Lab File: BF082355.D

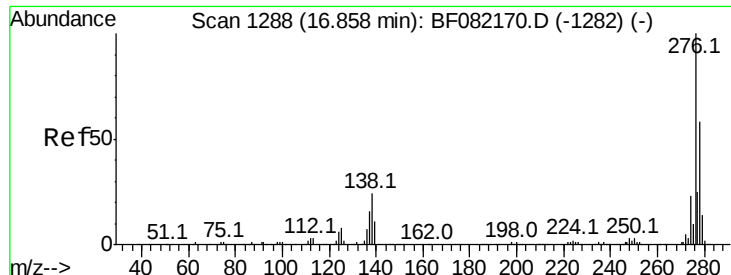
Acq: 19 Oct 2015 15:02

Tgt Ion:	149	Resp:	911689
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	9.0	7.4	11.2



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





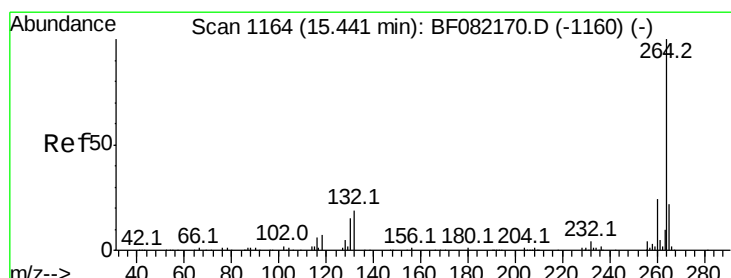
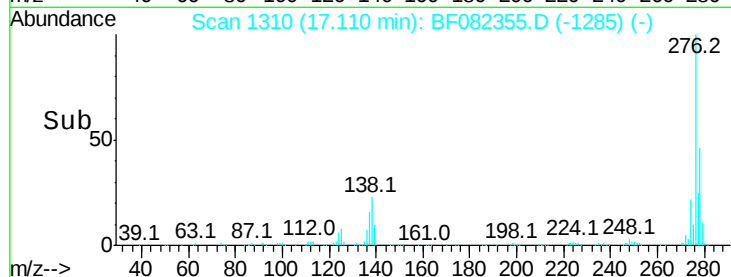
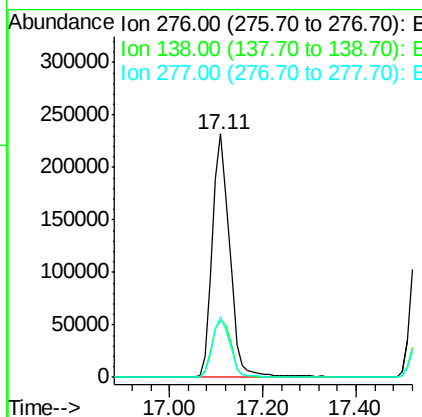
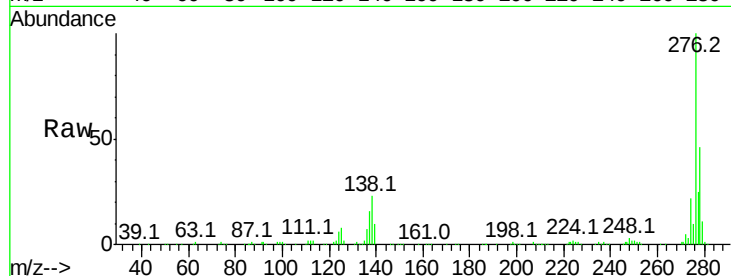
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.47 ng
 RT: 17.11 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	608027		
138	26.1		19.7	29.5
277	24.8		20.1	30.1

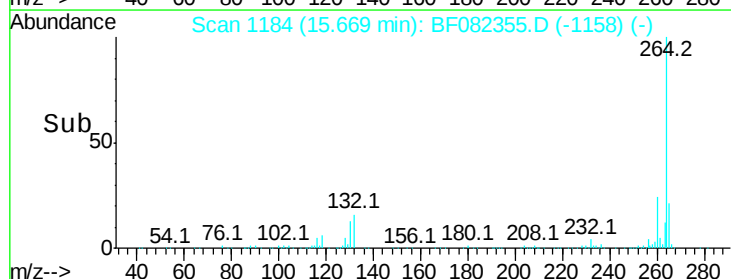
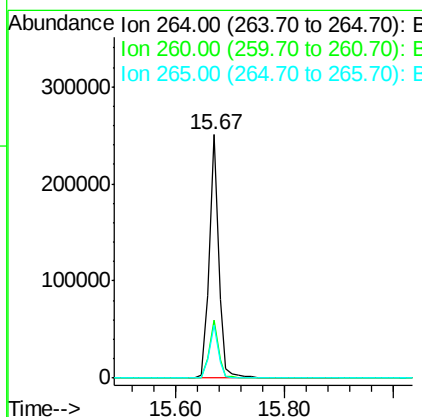
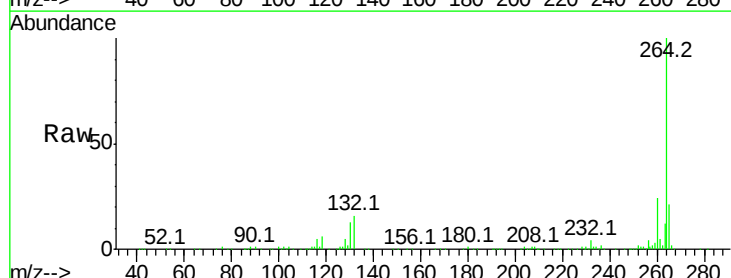
Manual Integrations
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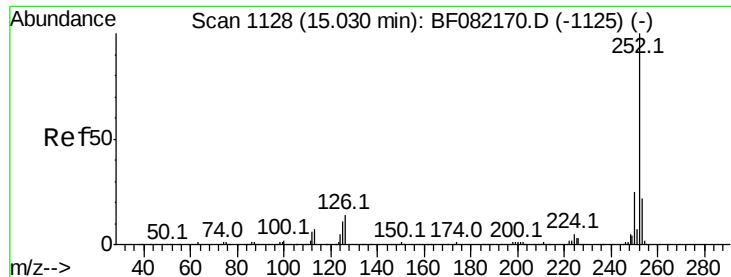
MMdadoda
 10/20/2015 6:25:45 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.67 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	306752		
260	24.0		19.0	28.6
265	21.5		17.3	25.9





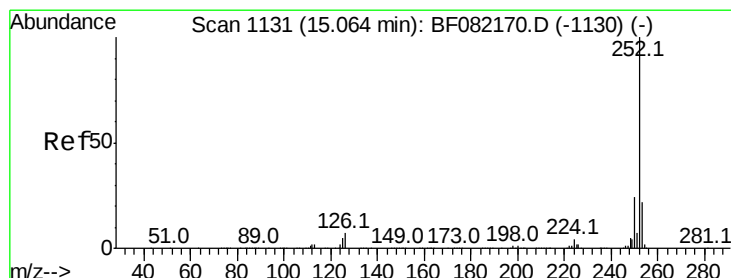
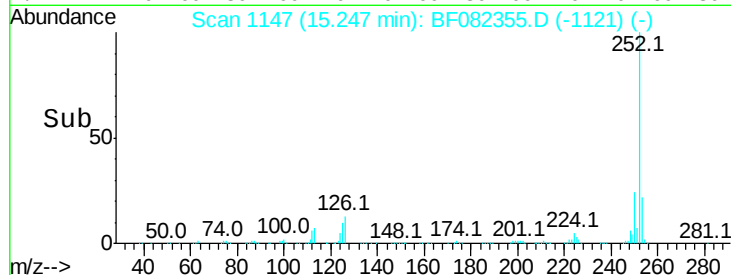
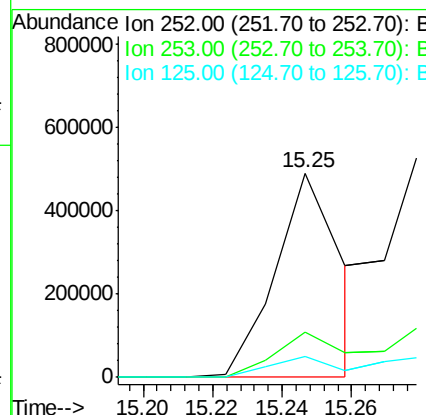
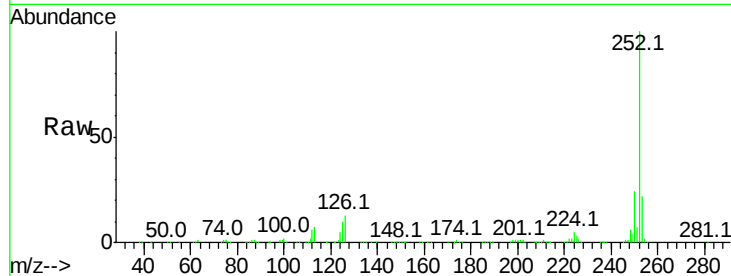
#87
Benzo(b)fluoranthene
Concen: 34.71 ng m
RT: 15.25 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.1	8.6	12.8

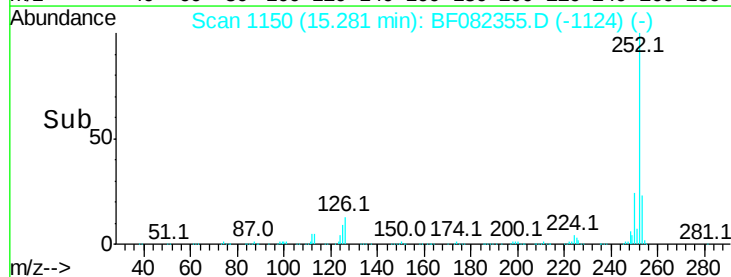
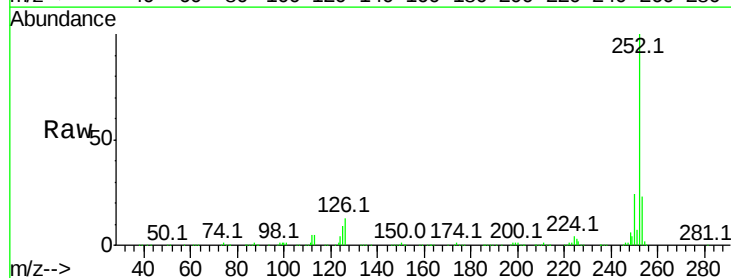
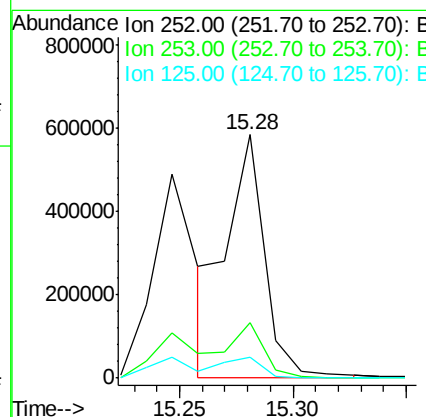
Manual Integrations
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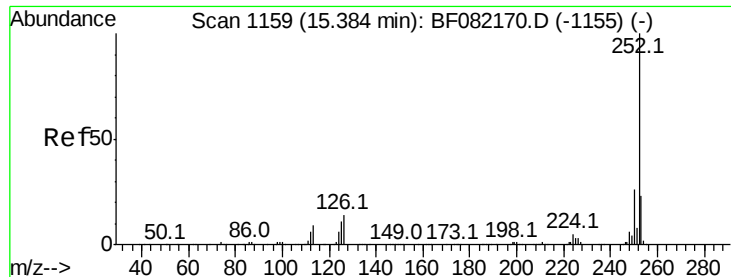
MMdadoda
10/20/2015 6:25:45 PM



#88
Benzo(k)fluoranthene
Concen: 43.38 ng m
RT: 15.28 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	8.7	6.7	10.1





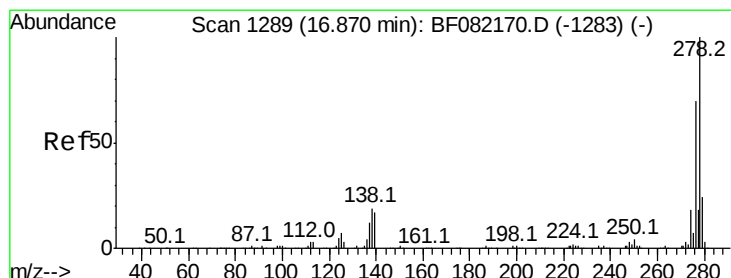
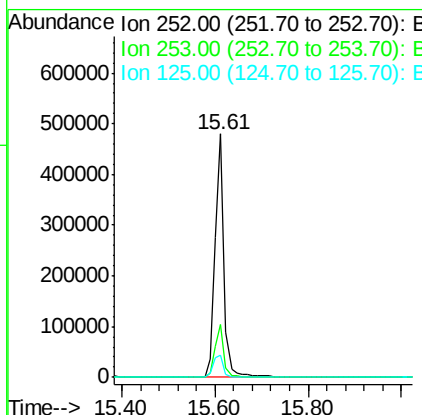
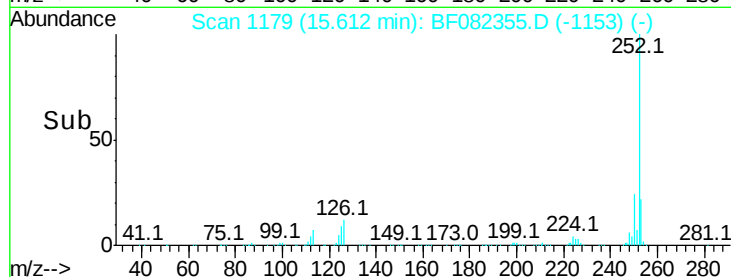
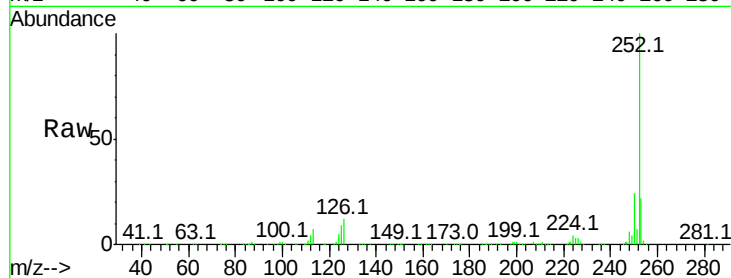
#89
Benzo(a)pyrene
Concen: 39.88 ng
RT: 15.61 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

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

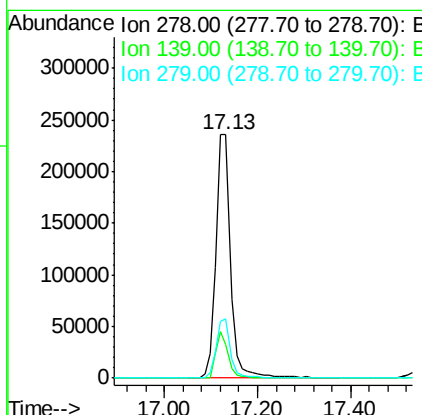
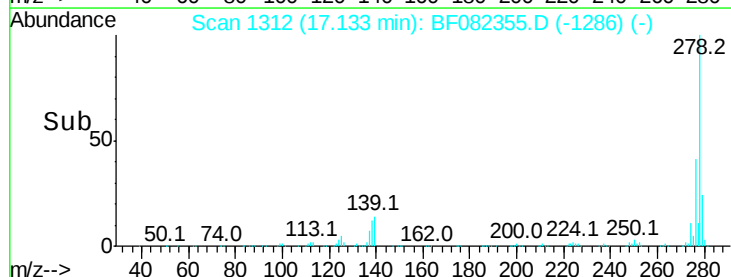
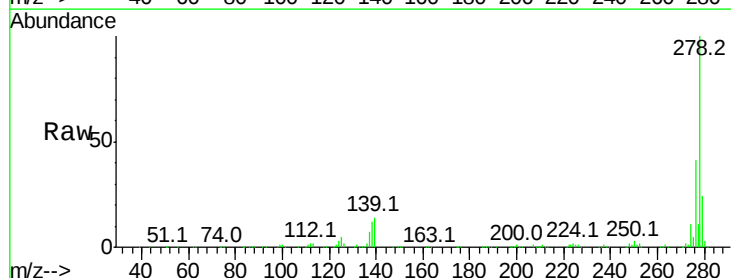
Manual Integrations
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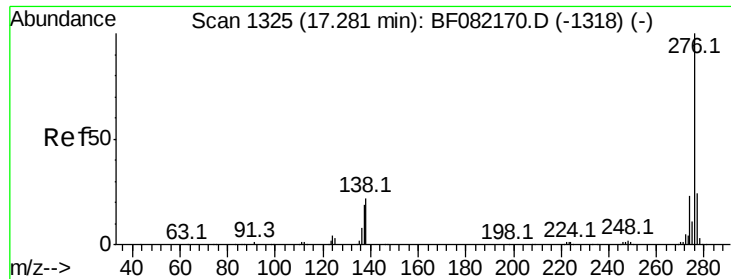
MMdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 39.06 ng
RT: 17.13 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	13.3	19.9
279	24.1	18.9	28.3





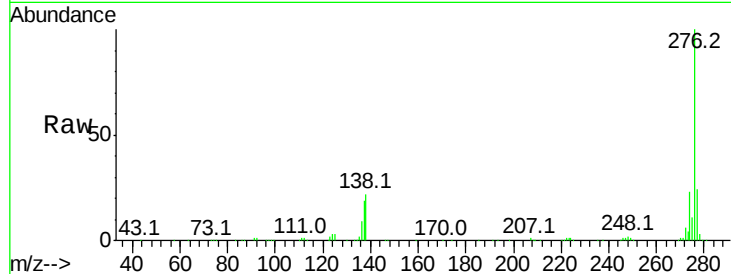
#91
 Benzo(a,h,i)perylene
 Concen: 38.42 ng
 RT: 17.54 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion:	276	Resp:	490581
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.8	28.2
138	21.9	17.4	26.2

Manual Integrations
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MMdadoda
 10/20/2015 6:25:45 PM



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

