

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082079.D
 Acq On : 6 Oct 2015 12:34
 Operator : UM/IZ
 Sample : PB85739BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

Manual Integrations
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mmdadoda
 10/7/2015 4:51:40 PM

Quant Time: Oct 07 03:03:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	81600	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	330415	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	163964	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	315800	20.00	ng	0.00
75) Chrysene-d12	14.06	240	285699	20.00	ng	-0.01
86) Perylene-d12	15.51	264	266717	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	511326	113.75	ng	0.01
7) Phenol-d6	6.53	99	730447	129.14	ng	0.01
23) Nitrobenzene-d5	7.45	82	418906	84.51	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	197065	118.67	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	834592	85.22	ng	0.00
78) Terphenyl-d14	13.01	244	1003471	134.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	70322	35.97	ng	88
3) Pyridine	3.28	79	168544	33.12	ng	85
4) n-Nitrosodimethylamine	3.23	42	80025	34.62	ng	98
6) Aniline	6.55	93	105568	13.89	ng	# 87
8) 2-Chlorophenol	6.66	128	208354	41.97	ng	# 81
9) Benzaldehyde	6.43	77	50765	13.71	ng	92
10) Phenol	6.54	94	256285	40.39	ng	78
11) bis(2-Chloroethyl)ether	6.62	93	204427	41.55	ng	97
12) 1,3-Dichlorobenzene	6.82	146	249590	42.57	ng	# 95
13) 1,4-Dichlorobenzene	6.90	146	255389	41.71	ng	96
14) 1,2-Dichlorobenzene	7.05	146	231604m	42.45	ng	
15) Benzyl Alcohol	7.03	79	172355	42.21	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	309015	44.42	ng	82
17) 2-Methylphenol	7.14	107	179449	44.59	ng	# 85
18) Hexachloroethane	7.39	117	86379	45.07	ng	# 80
19) n-Nitroso-di-n-propylamine	7.30	70	156308	45.47	ng	# 75
20) 3+4-Methylphenols	7.29	107	211751	41.66	ng	# 54
22) Acetophenone	7.29	105	290569	43.01	ng	# 74
24) Nitrobenzene	7.47	77	230474	42.82	ng	# 76
25) Isophorone	7.71	82	411642	41.90	ng	# 97
26) 2-Nitrophenol	7.78	139	115820	44.83	ng	# 52
27) 2,4-Dimethylphenol	7.83	122	210222	46.25	ng	# 83
28) bis(2-Chloroethoxy)methane	7.92	93	244786	41.96	ng	# 94
29) 2,4-Dichlorophenol	8.03	162	198907	45.13	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	214183	43.53	ng	99
31) Naphthalene	8.19	128	646259	44.14	ng	98
32) Benzoic acid	7.94	122	103861	39.70	ng	# 63
33) 4-Chloroaniline	8.25	127	48669	7.69	ng	# 93
34) Hexachlorobutadiene	8.31	225	131889	45.33	ng	99
35) Caprolactam	8.62	113	59722m	48.95	ng	
36) 4-Chloro-3-methylphenol	8.73	107	195949	45.47	ng	# 84
37) 2-Methylnaphthalene	8.88	142	423067	42.33	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	223690	44.44	ng	99
40) Hexachlorocyclopentadiene	9.03	237	226290	87.30	ng	95

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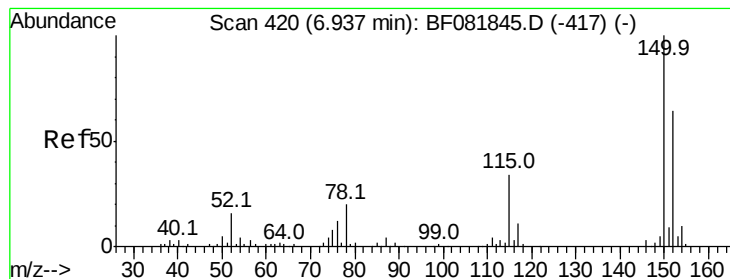
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	150749	43.68	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	156979	44.23	nq #	92
45) 1,1'-Biphenyl	9.35	154	536043	42.38	nq	95
46) 2-Chloronaphthalene	9.37	162	411319	41.41	nq	94
47) 2-Nitroaniline	9.47	65	123588	42.39	nq #	80
48) Acenaphthylene	9.79	152	706369	44.43	nq	96
49) Dimethylphthalate	9.66	163	524295	46.33	nq #	98
50) 2,6-Dinitrotoluene	9.71	165	101968	41.50	nq #	56
51) Acenaphthene	9.97	154	417760	44.25	nq	90
52) 3-Nitroaniline	9.89	138	38552	13.56	nq #	66
53) 2,4-Dinitrophenol	10.00	184	115951	89.45	nq #	83
54) Dibenzofuran	10.14	168	609980	45.72	nq #	90
55) 4-Nitrophenol	10.06	139	171134	83.32	nq #	57
56) 2,4-Dinitrotoluene	10.13	165	157773	50.37	nq #	96
57) Fluorene	10.48	166	501893	52.98	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	134698	47.85	nq	94
59) Diethylphthalate	10.35	149	507923	48.05	nq	97
60) 4-Chlorophenyl-phenylether	10.47	204	223168	45.69	nq #	88
61) 4-Nitroaniline	10.50	138	107688	37.78	nq #	45
62) Azobenzene	10.63	77	473691	45.91	nq	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	72436	50.04	nq	88
65) n-Nitrosodiphenylamine	10.59	169	425630	44.55	nq	91
66) 4-Bromophenyl-phenylether	10.96	248	144187	45.28	nq	97
67) Hexachlorobenzene	11.03	284	151376	42.12	nq #	75
68) Atrazine	11.12	200	141847	47.85	nq	83
69) Pentachlorophenol	11.22	266	174148	85.05	nq	98
70) Phenanthrene	11.44	178	662929	43.57	nq	96
71) Anthracene	11.50	178	799003	49.78	nq	98
72) Carbazole	11.66	167	669728	46.10	nq	97
73) Di-n-butylphthalate	11.98	149	794499	53.96	nq #	98
74) Fluoranthene	12.63	202	737147	43.57	nq	91
76) Benzidine	12.76	184	167453	19.45	nq	98
77) Pyrene	12.86	202	738241	43.25	nq	96
79) Butylbenzylphthalate	13.48	149	317185	49.39	nq	88
80) Benzo(a)anthracene	14.05	228	693864	45.10	nq	95
81) 3,3'-Dichlorobenzidine	14.01	252	96336	18.54	nq #	94
82) Chrysene	14.09	228	731124	Below	Cal	95
83) Bis(2-ethylhexyl)phthalate	14.04	149	475076	58.97	nq #	94
84) Di-n-octyl phthalate	14.65	149	758161	57.83	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.95	276	599971	49.85	nq #	87
87) Benzo(b)fluoranthene	15.09	252	753235m	49.46	nq	
88) Benzo(k)fluoranthene	15.12	252	555825m	39.82	nq	
89) Benzo(a)pyrene	15.45	252	635355	48.10	nq #	86
90) Dibenzo(a,h)anthracene	16.96	278	500508	45.16	nq #	83
91) Benzo(g,h,i)perylene	17.38	276	483251	42.55	nq #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

ClientSampleId :

PB85739BS

Tot Ion:152 Resp: 81600

Ion Ratio Lower Upper

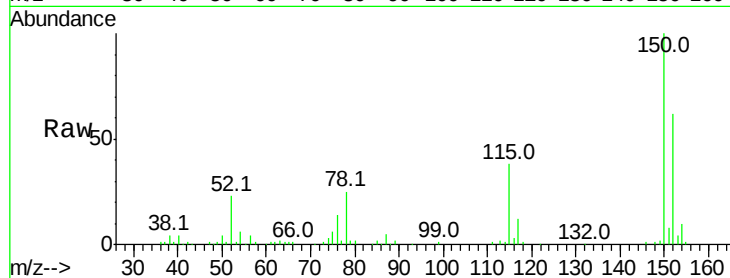
152 100

150 160.5 124.7 187.1

115 60.9 39.0 58.4#

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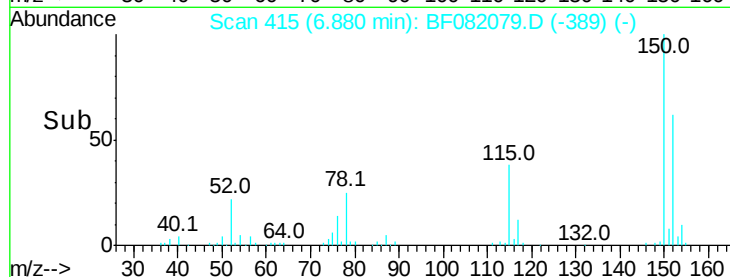
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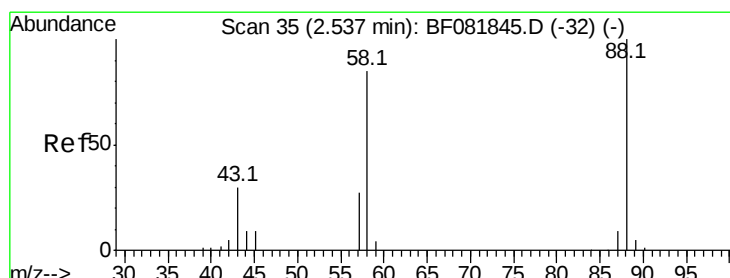
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 35.97 ng

RT: 2.55 min Scan# 36

Delta R.T. 0.09 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

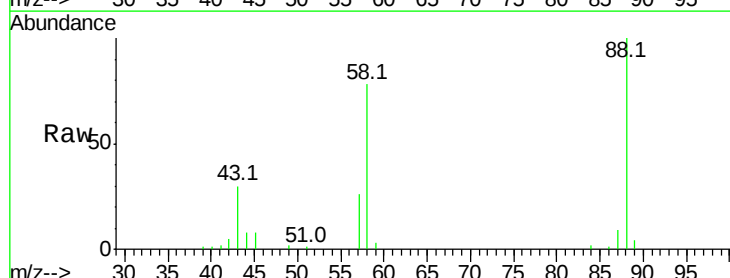
Tgt Ion: 88 Resp: 70322

Ion Ratio Lower Upper

88 100

58 83.5 77.7 116.5

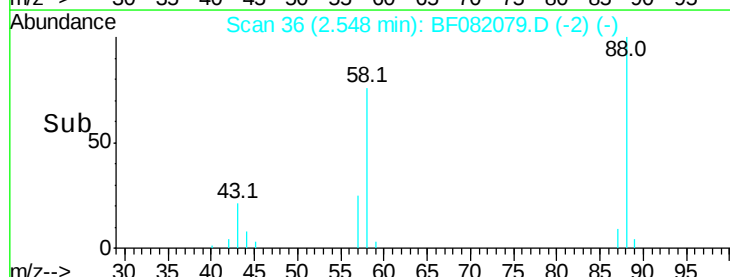
43 29.3 26.6 40.0



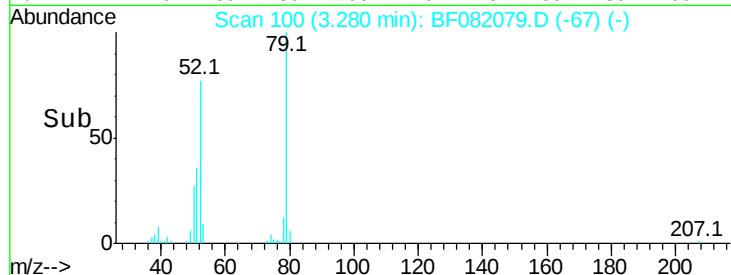
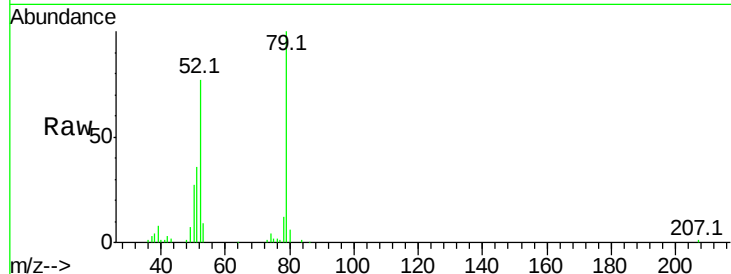
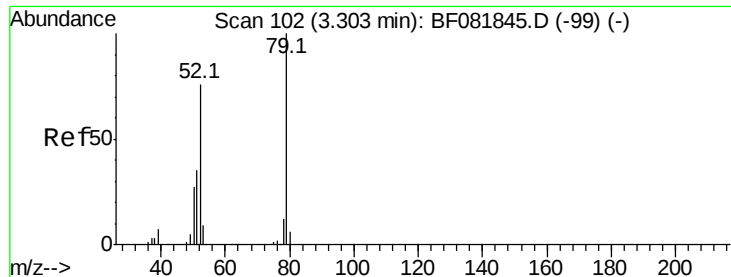
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->



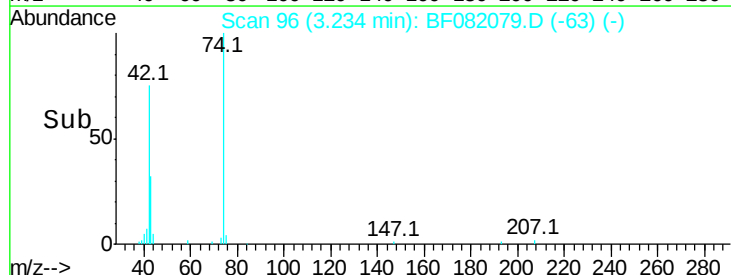
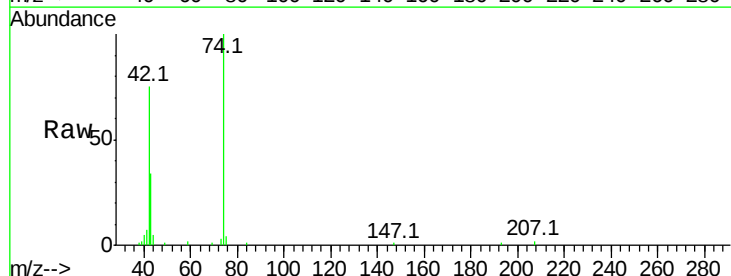
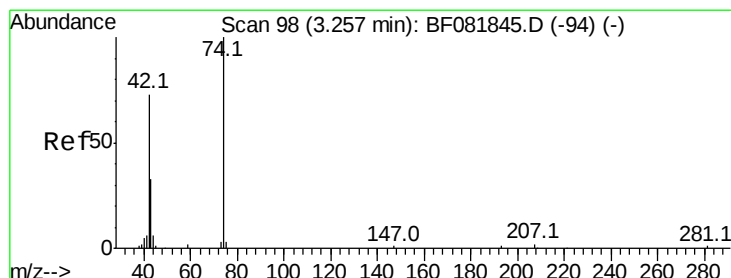
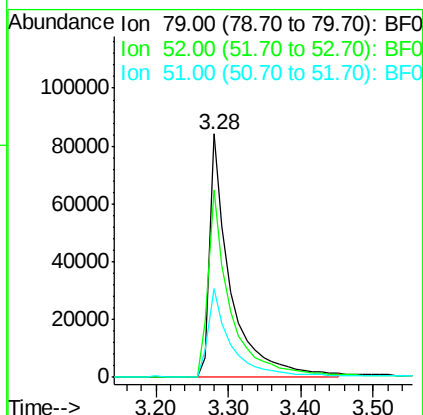
#3
Pvridine
Concen: 33.12 ng
RT: 3.28 min Scan# 100
Delta R.T. 0.08 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		168544		
52	77.1	76.8	115.2		
51	36.5	32.2	48.4		

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PB85739BS

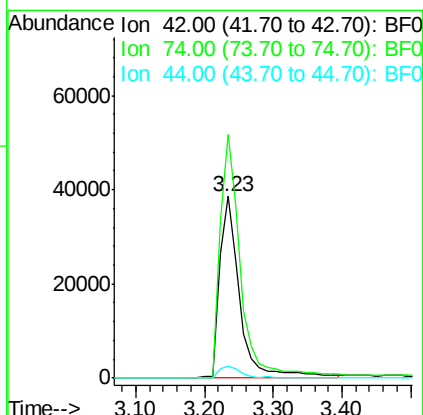
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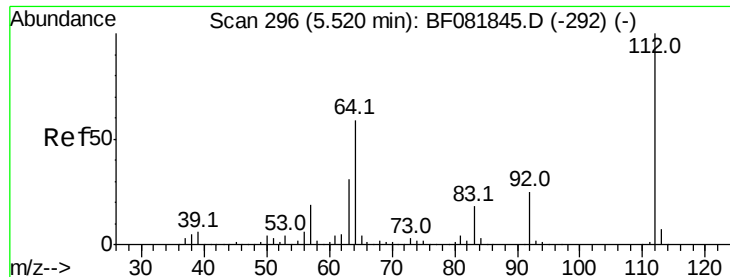
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#4
n-Nitrosodimethylamine
Concen: 34.62 ng
RT: 3.23 min Scan# 96
Delta R.T. 0.08 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		80025		
74	133.9	105.0	157.6		
44	6.8	6.6	10.0		





#5

2-Fluorophenol

Concen: 113.75 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

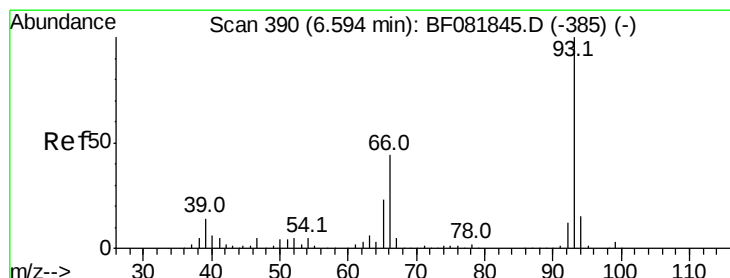
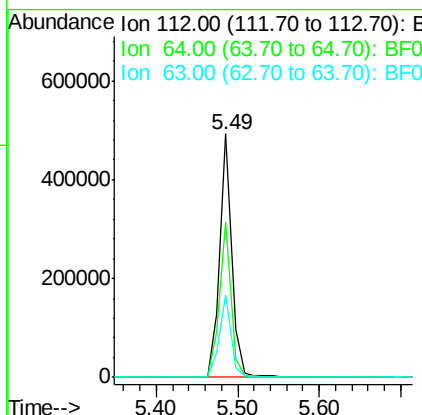
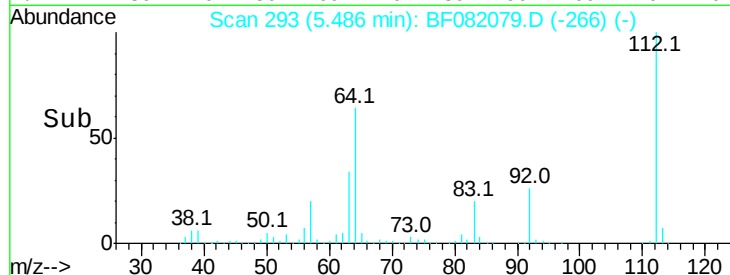
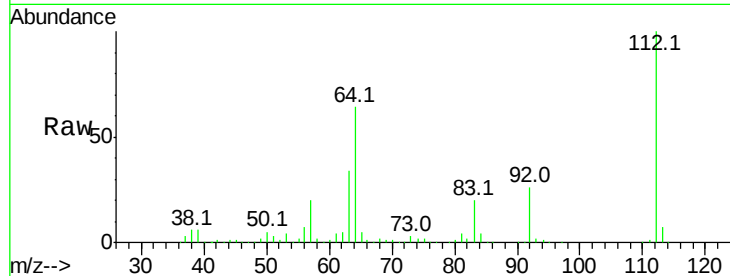
ClientSampleId :

PB85739BS

Tot Ion:	112	Resp:	511326
Ion Ratio		Lower	Upper
112	100		
64	63.9	39.7	59.5#
63	34.0	17.4	26.0#

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#6

Aniline

Concen: 13.89 ng

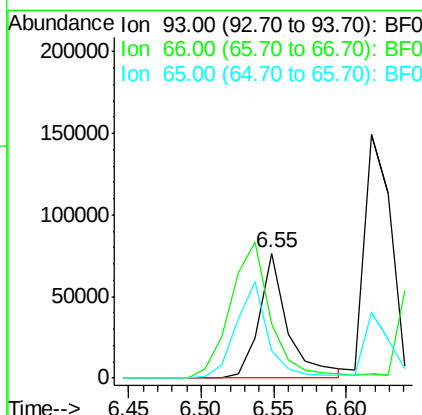
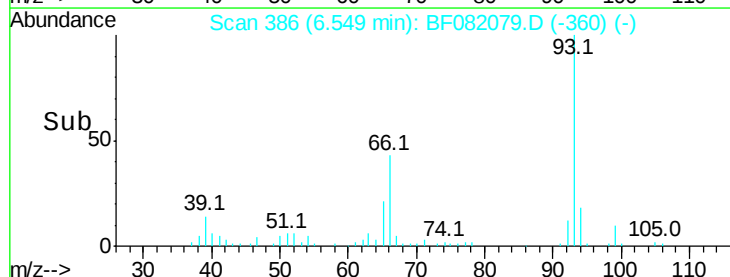
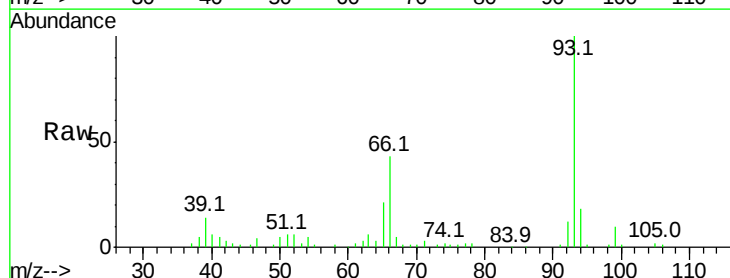
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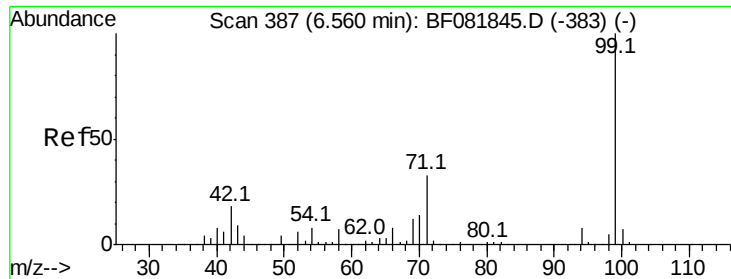
Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion:	93	Resp:	105568
Ion Ratio		Lower	Upper
93	100		
66	43.0	27.2	40.8#
65	21.5	14.7	22.1





#7

Phenol-d6

Concen: 129.14 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

ClientSampleId :

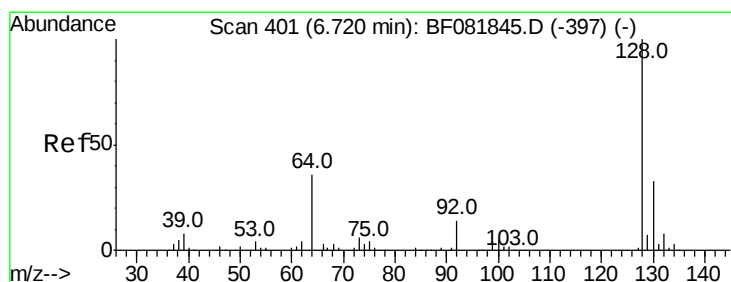
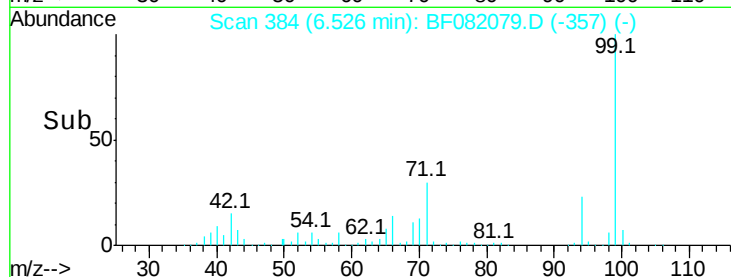
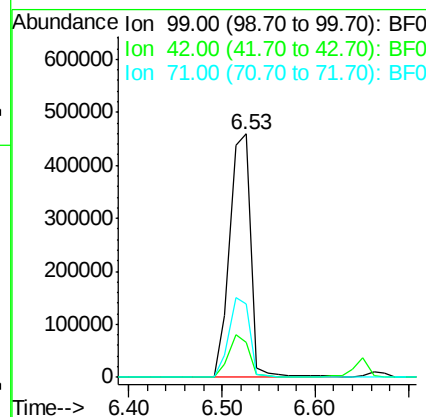
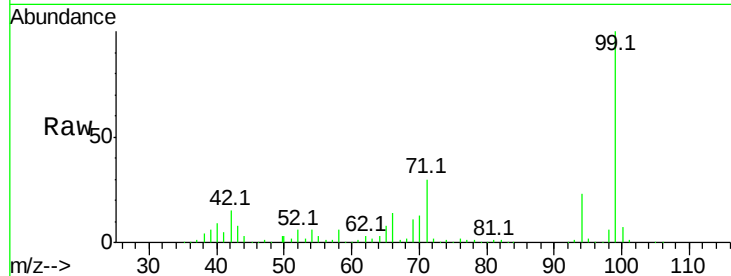
PB85739BS

Tot Ion: 99 Resp: 730447

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.7	20.5
71	30.4	14.2	21.2

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#8

2-Chlorophenol

Concen: 41.97 ng

RT: 6.66 min Scan# 396

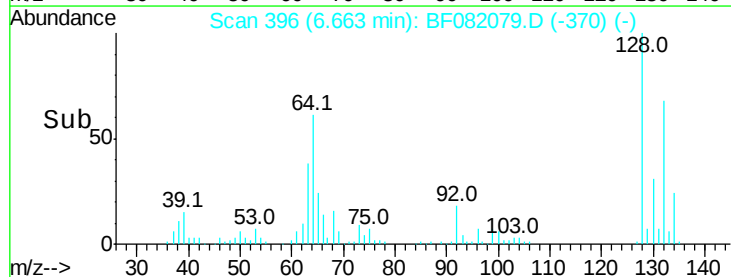
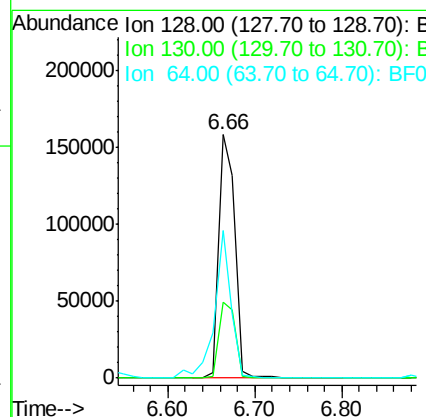
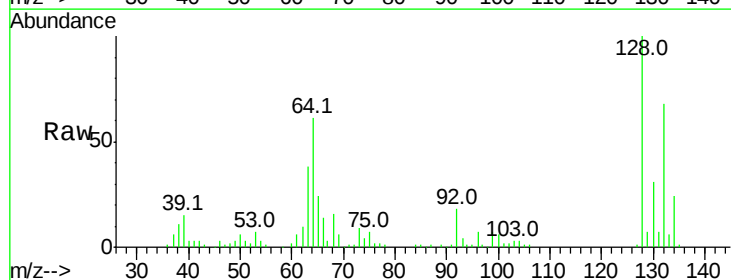
Delta R.T. -0.00 min

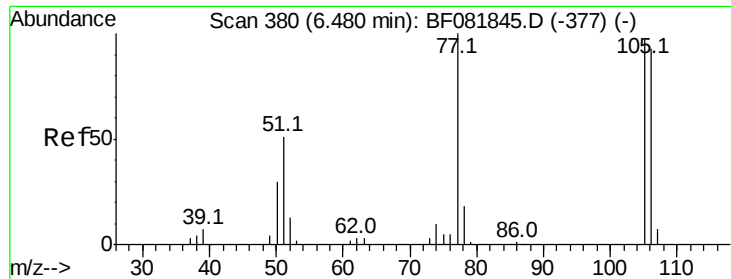
Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion: 128 Resp: 208354

Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.2	52.2
64	60.5	20.5	60.5





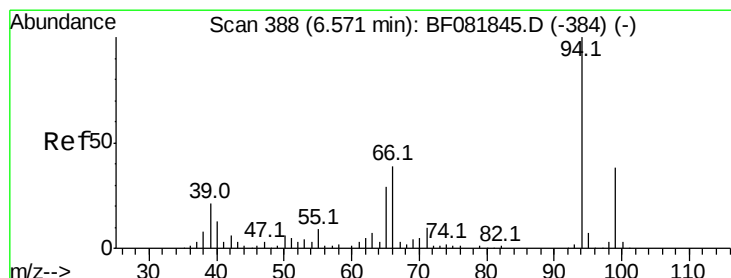
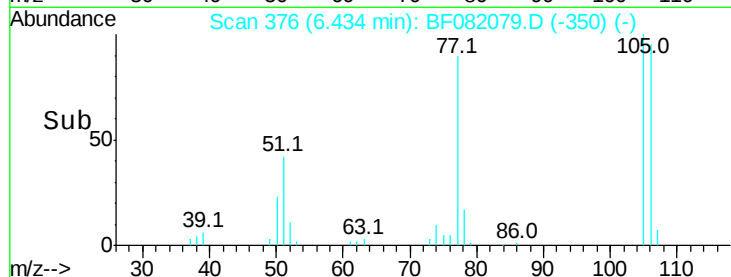
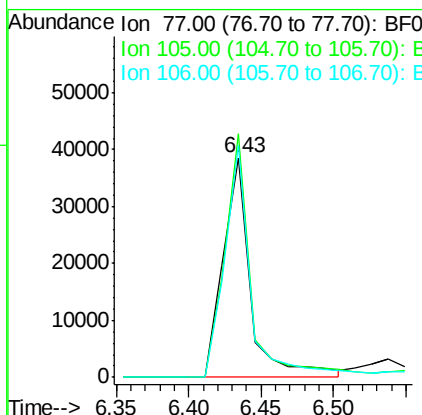
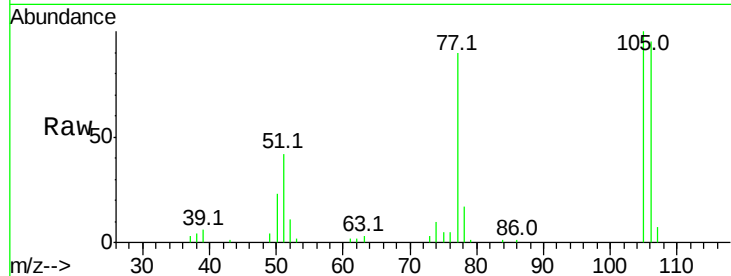
#9
Benzaldehyde
Concen: 13.71 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

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ClientSampleId :
PB85739BS

Tot Ion: 77 Resp: 50765
Ion Ratio Lower Upper
77 100
105 111.0 91.6 131.6
106 105.6 102.6 142.6

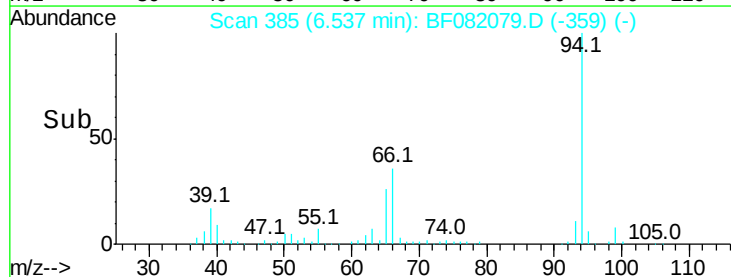
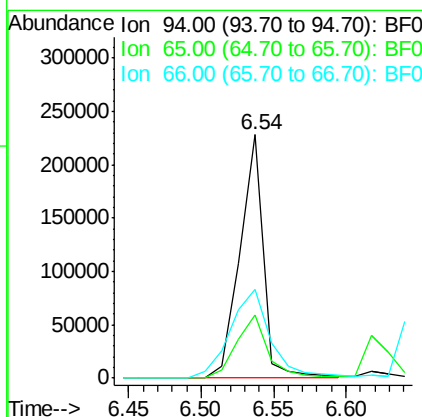
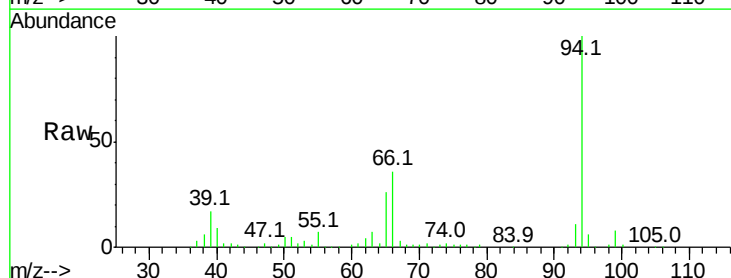
Manual Integrations
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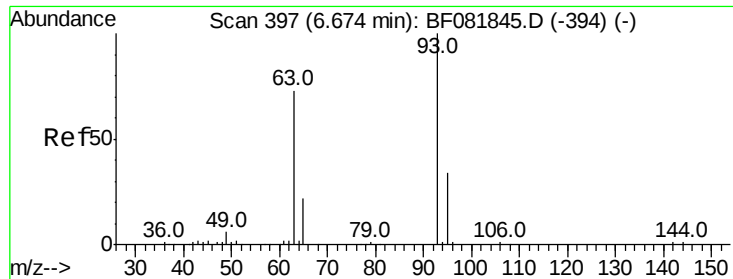
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#10
Phenol
Concen: 40.39 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion: 94 Resp: 256285
Ion Ratio Lower Upper
94 100
65 25.8 0.7 40.7
66 36.5 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 41.55 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

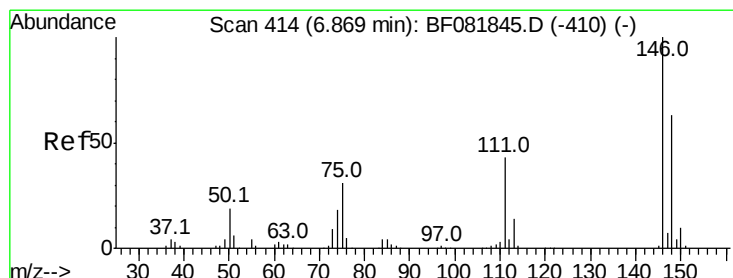
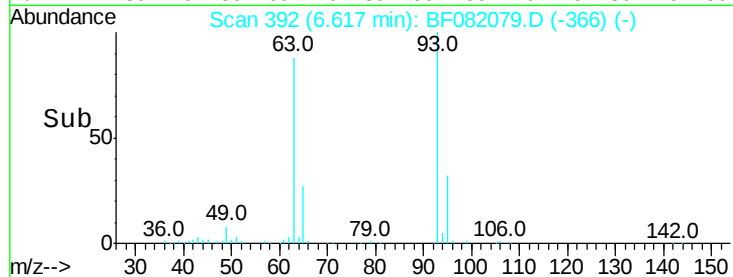
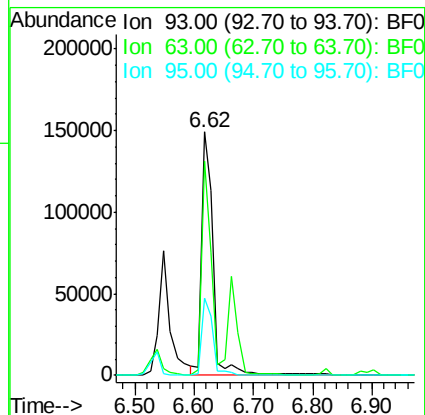
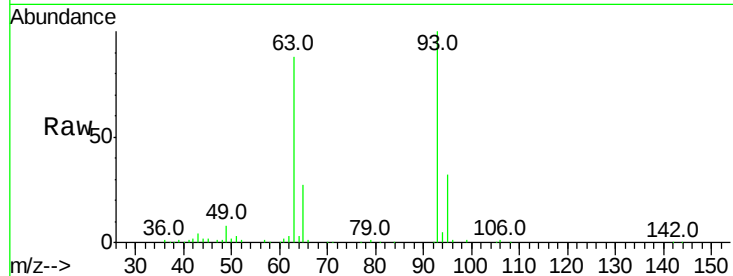
ClientSampleId :

PB85739BS

Tot Ion:	93	Resp:	204427
Ion Ratio	Lower	Upper	
93	100		
63	87.8	65.6	105.6
95	31.6	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 42.57 ng

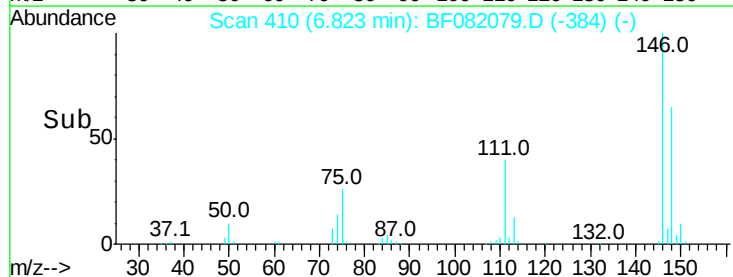
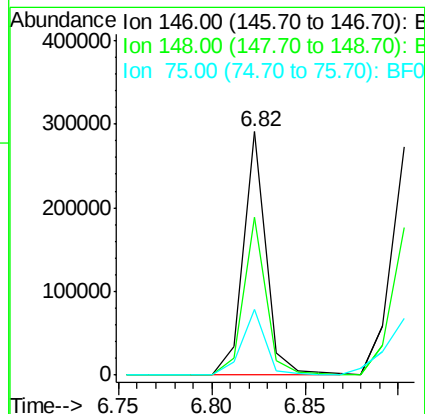
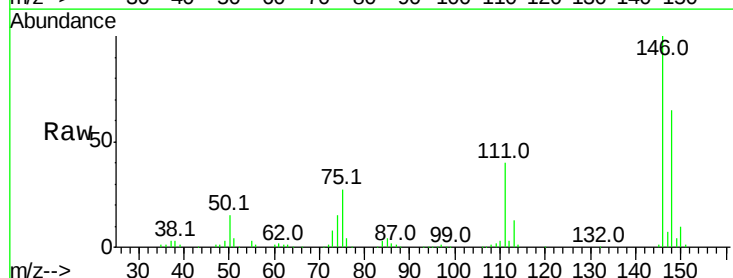
RT: 6.82 min Scan# 410

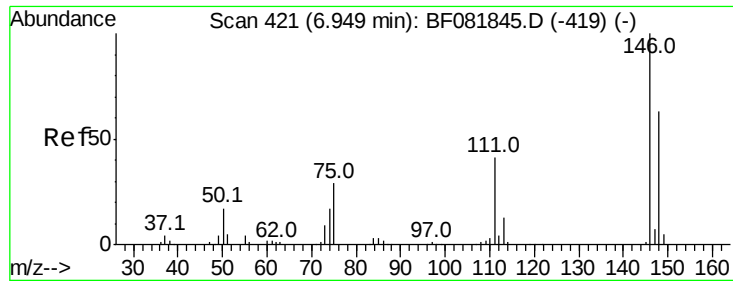
Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion:	146	Resp:	249590
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.4
75	26.8	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 41.71 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

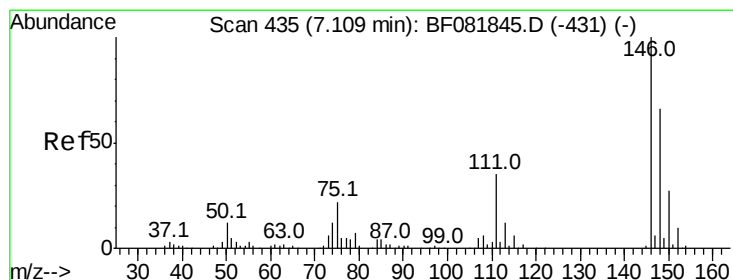
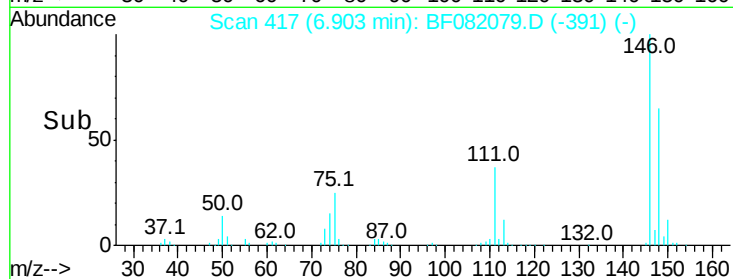
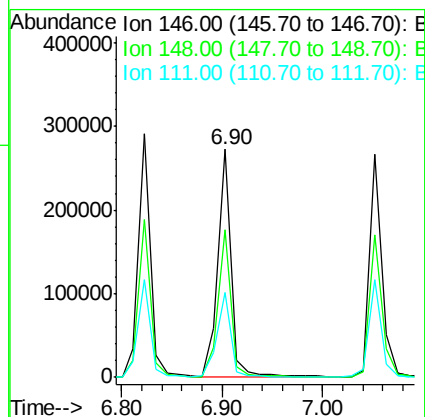
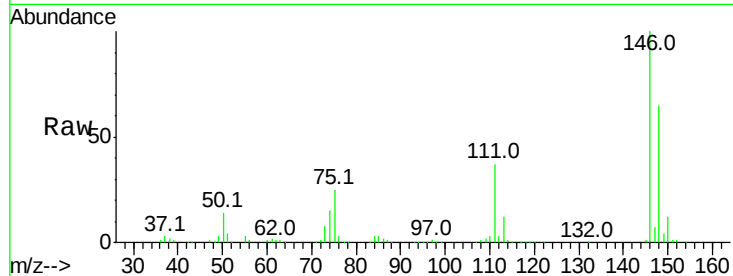
ClientSampleId :

PB85739BS

Tot Ion:	146	Resp:	255389
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.6
111	37.1	24.9	37.3

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#14

1,2-Dichlorobenzene

Concen: 42.45 ng m

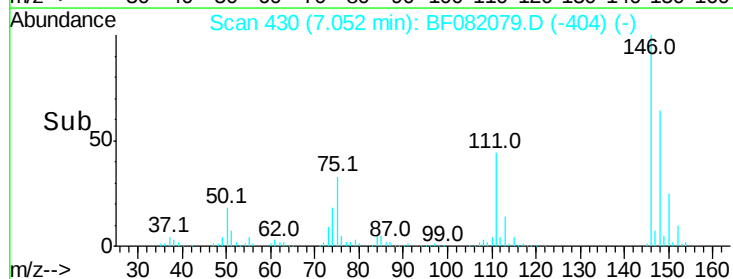
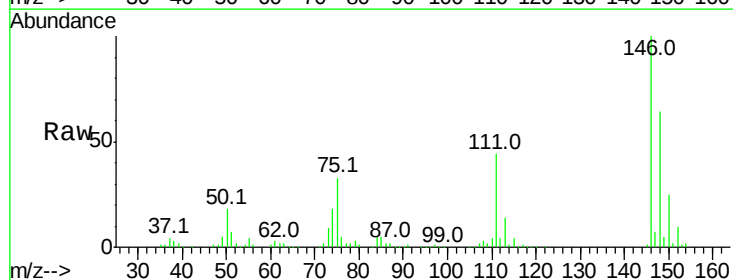
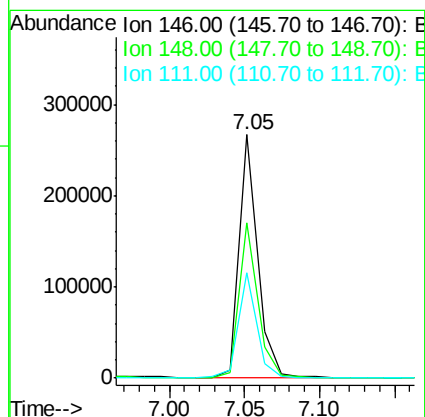
RT: 7.05 min Scan# 430

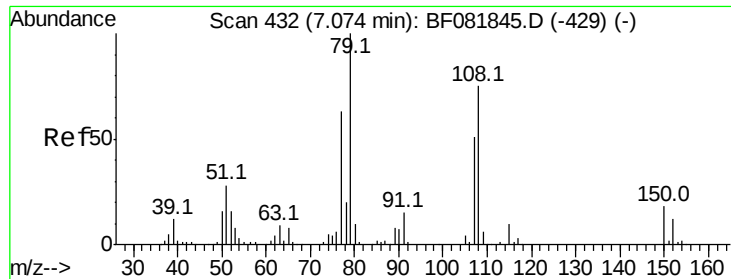
Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion:	146	Resp:	231604
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.7	79.1
111	43.5	28.8	43.2#





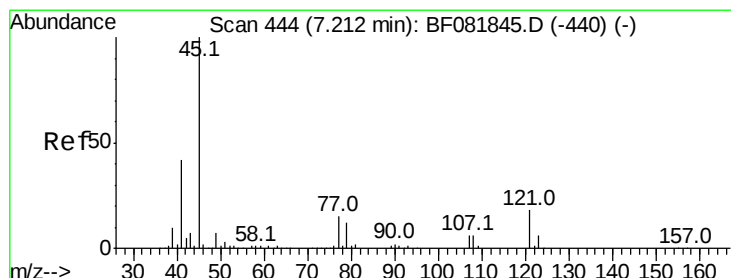
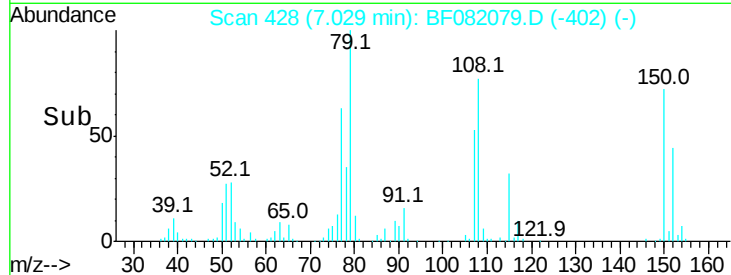
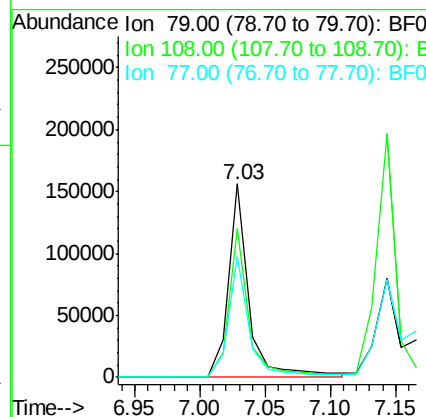
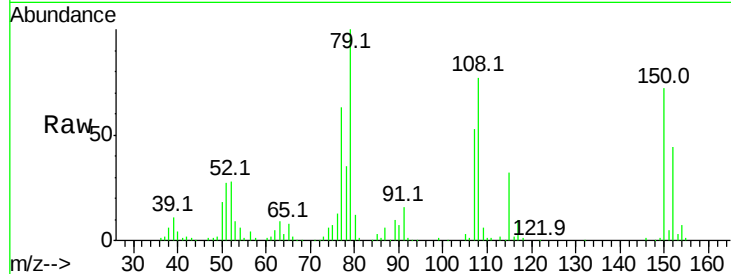
#15
Benzyl Alcohol
Concen: 42.21 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampled :
PB85739BS

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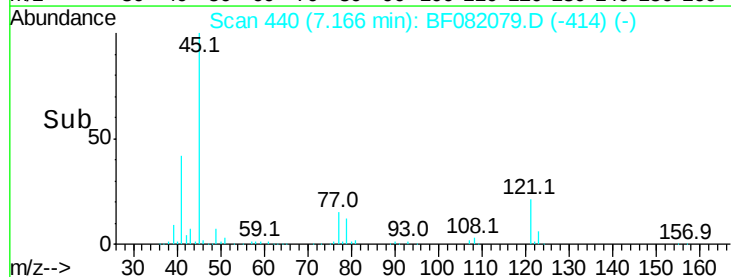
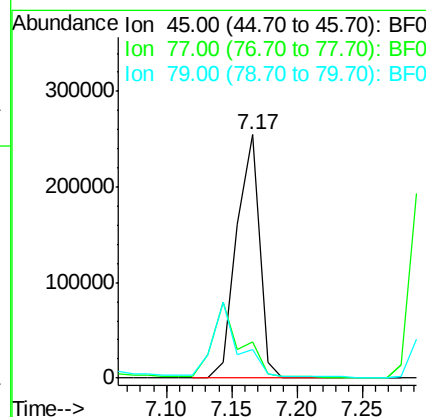
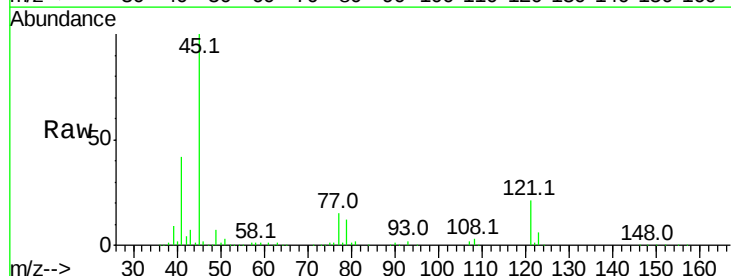
mmdadoda
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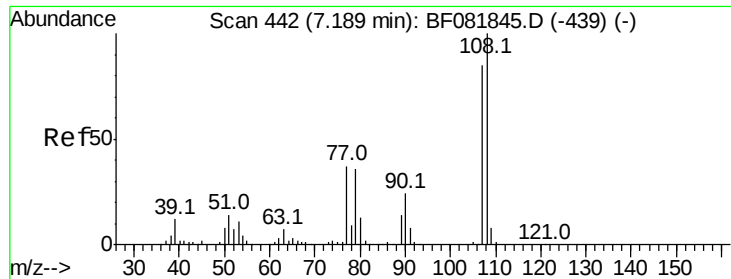
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.1	88.6	132.8#
77	62.7	47.0	70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.42 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	28.1
79	12.0	0.0	26.0





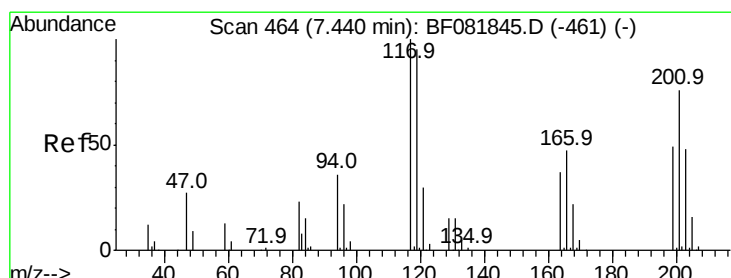
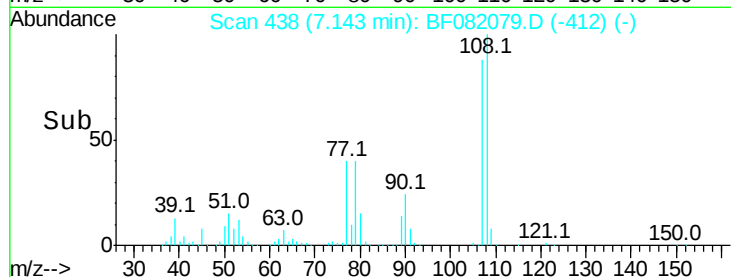
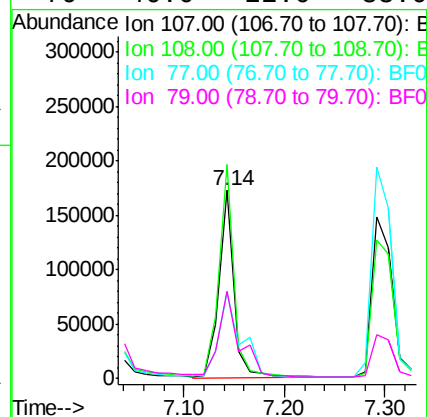
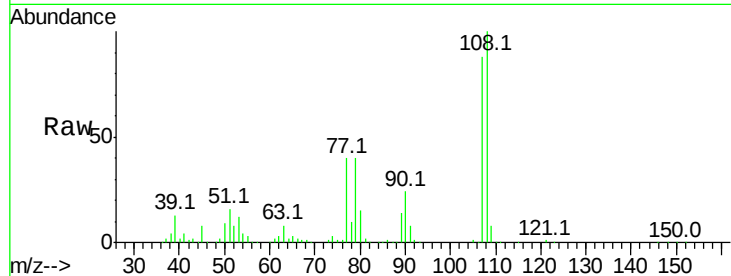
#17
2-Methylphenol
Concen: 44.59 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	179449		
108	113.7	96.6	145.0	
77	45.9	23.3	34.9#	
79	46.0	22.0	33.0#	

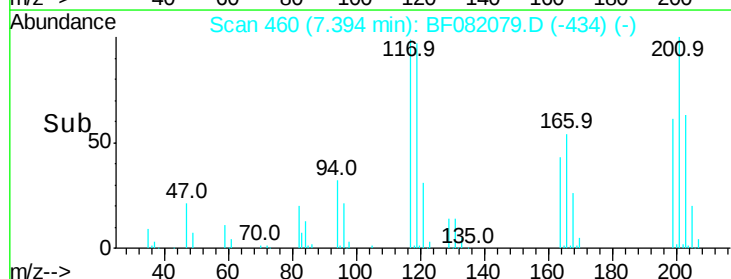
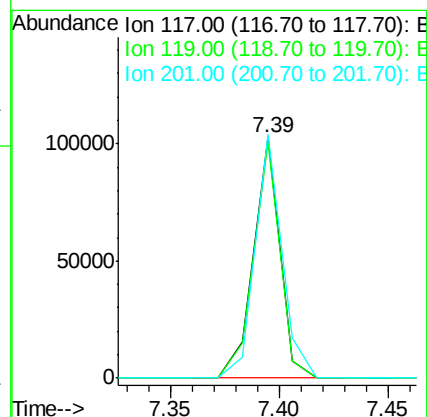
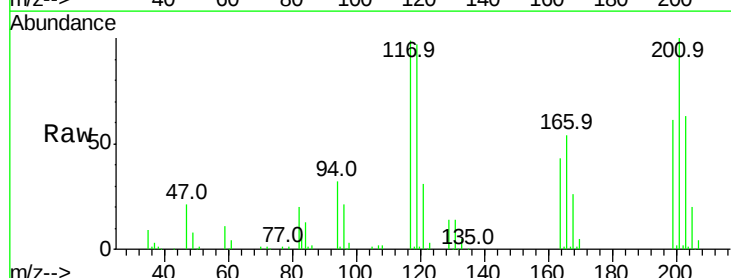
Manual Integrations
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#18
Hexachloroethane
Concen: 45.07 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	86379		
119	98.1	83.8	125.6	
201	101.1	55.1	82.7#	





#19

n-Nitroso-di-n-propylamine

Concen: 45.47 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

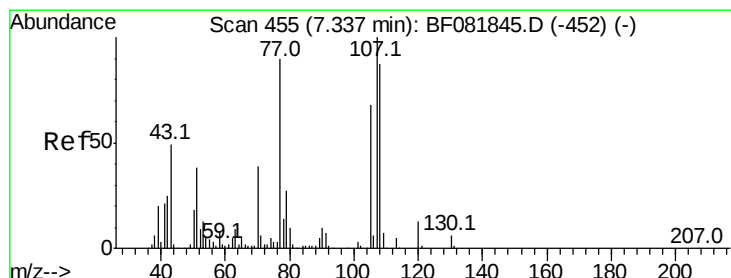
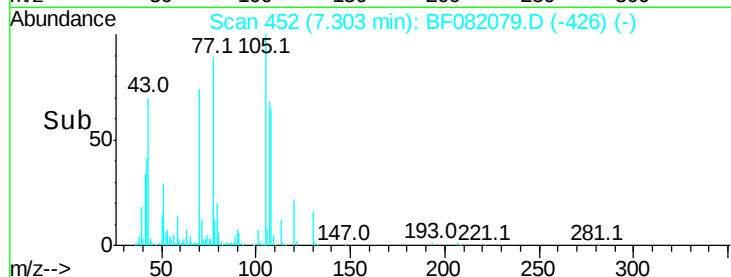
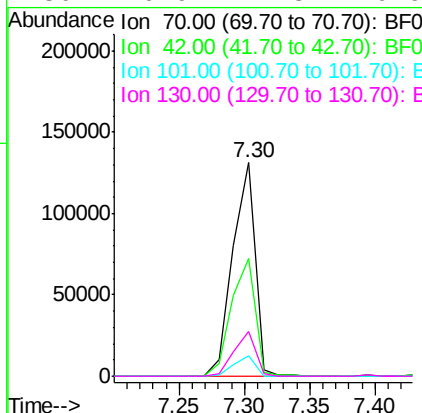
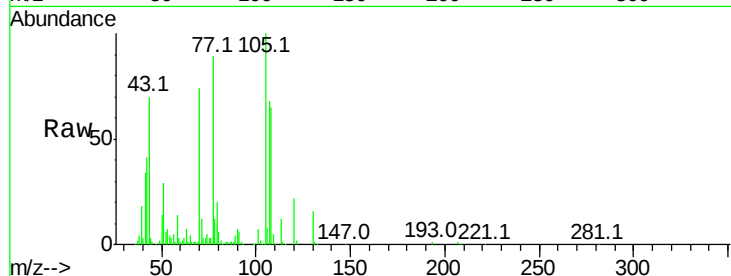
ClientSampleId :

PB85739BS

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Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	63.8	95.6#
101	9.6	9.2	13.8
130	20.9	27.3	40.9#



#20

3+4-Methylphenols

Concen: 41.66 ng

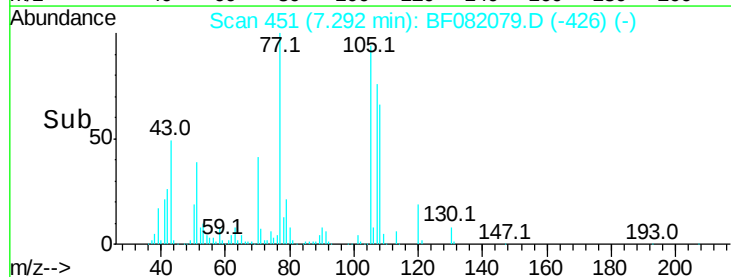
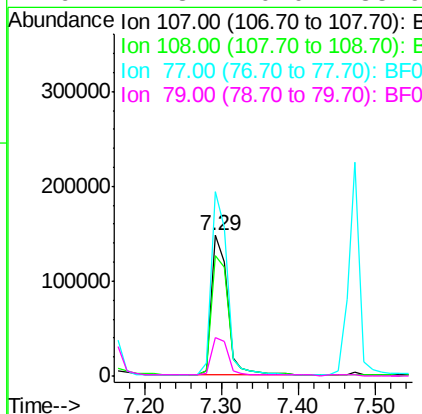
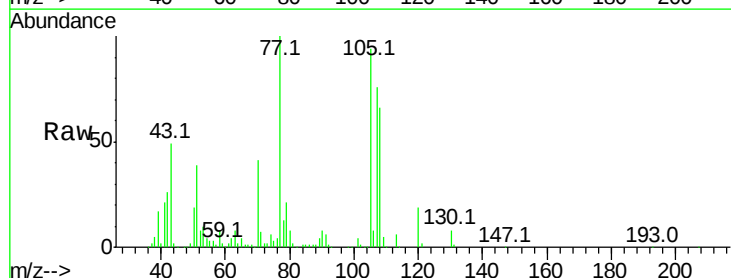
RT: 7.29 min Scan# 451

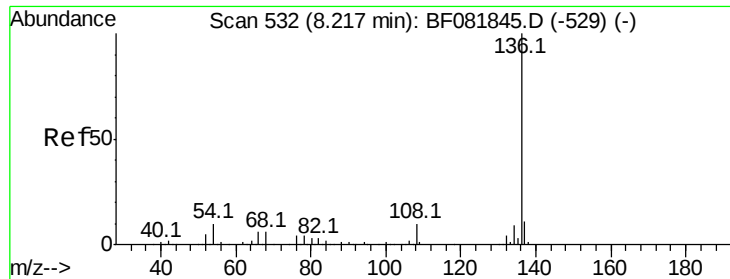
Delta R.T. -0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	74.6	114.6
77	131.0	0.7	40.7#
79	27.3	0.0	38.9





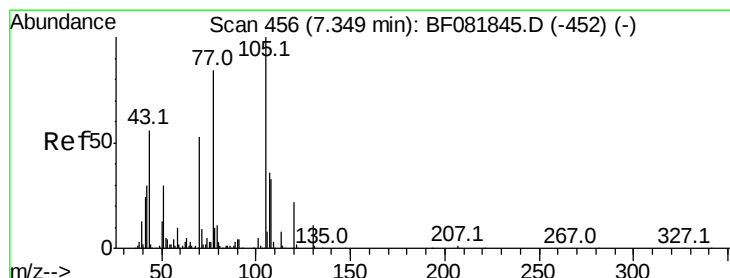
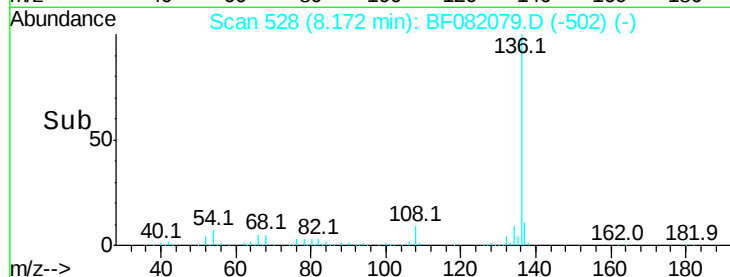
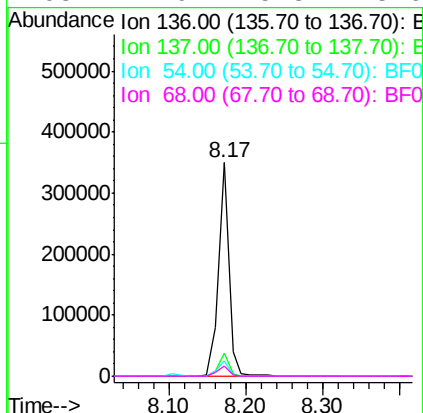
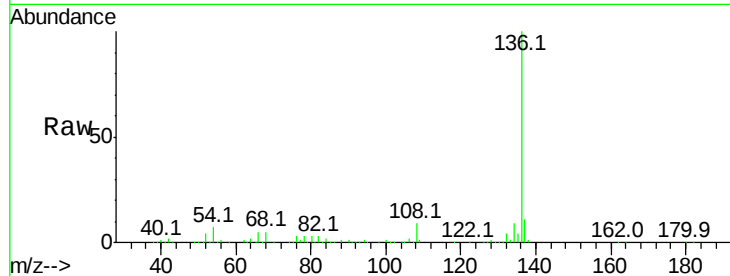
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.6	
54	7.4	8.2	12.2#	
68	4.9	5.8	8.6#	

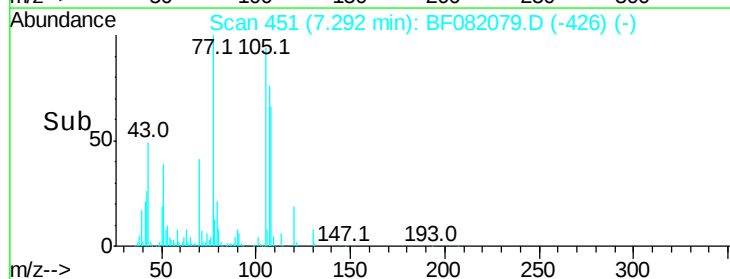
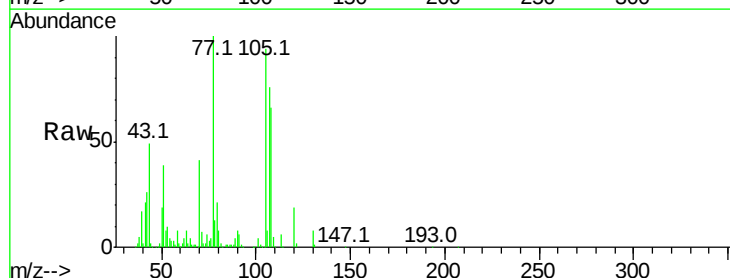
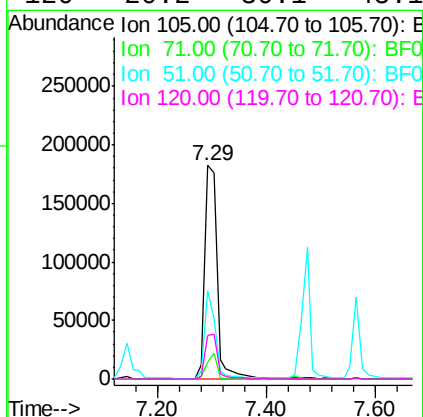
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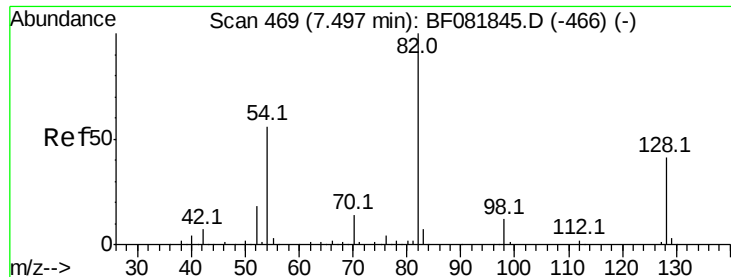
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#22
Acetophenone
Concen: 43.01 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.7	7.1#	
51	41.5	22.0	33.0#	
120	20.2	30.1	45.1#	





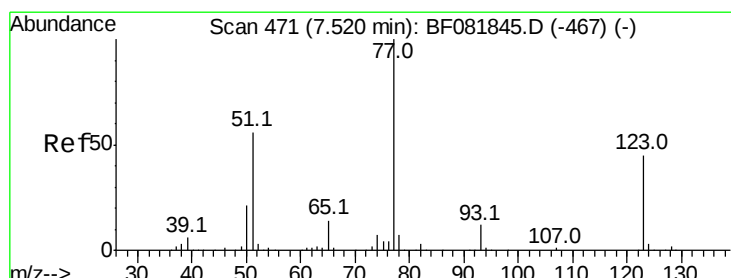
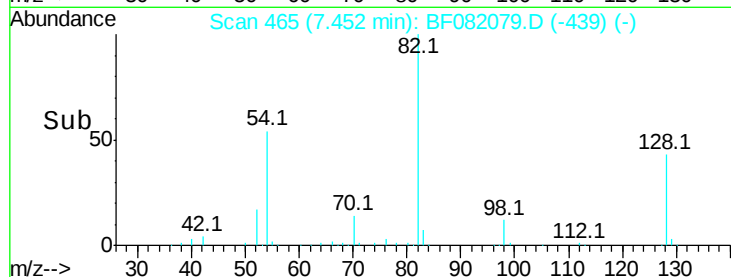
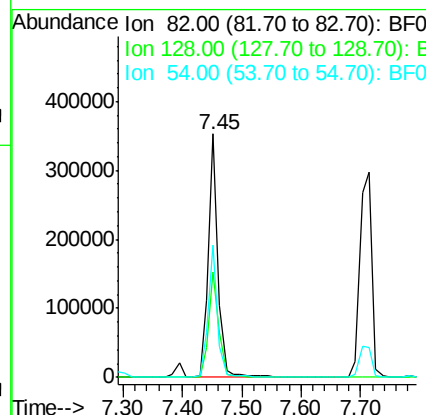
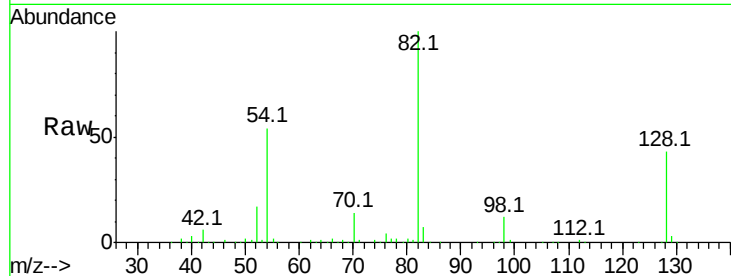
#23
 Nitrobenzene-d5
 Concen: 84.51 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	51.0	76.6#	
54	54.1	47.5	71.3	

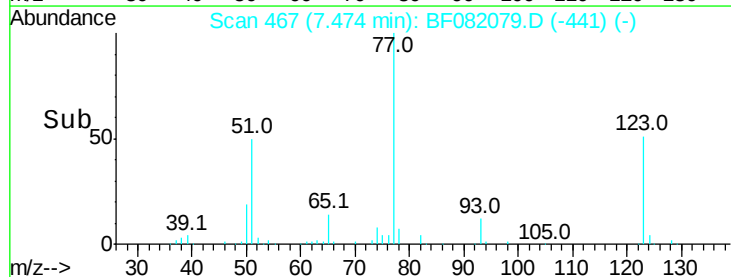
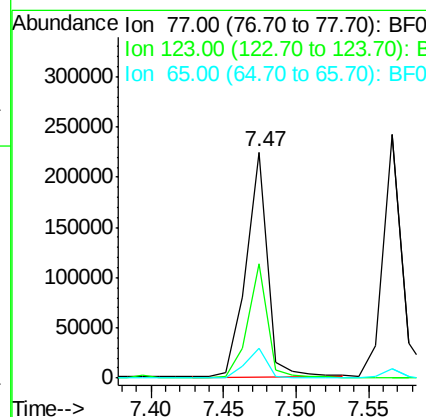
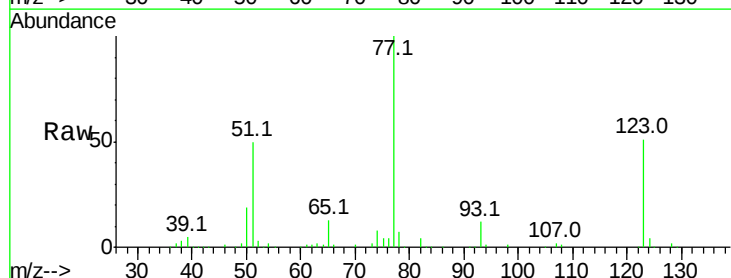
Manual Integrations
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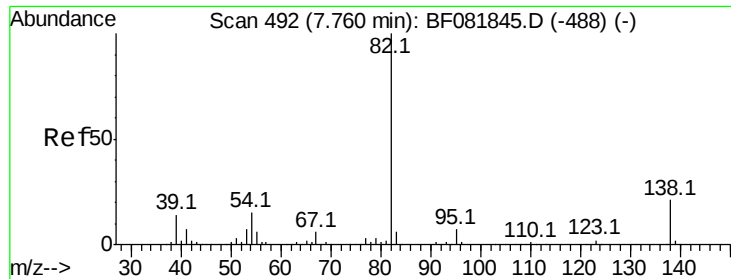
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#24
 Nitrobenzene
 Concen: 42.82 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.7	59.8	89.8#	
65	13.4	10.2	15.4	





#25

Isophorone

Concen: 41.90 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

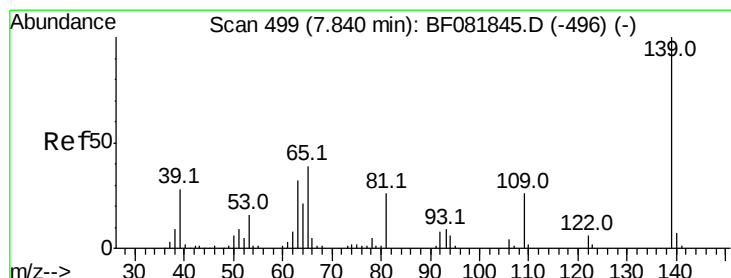
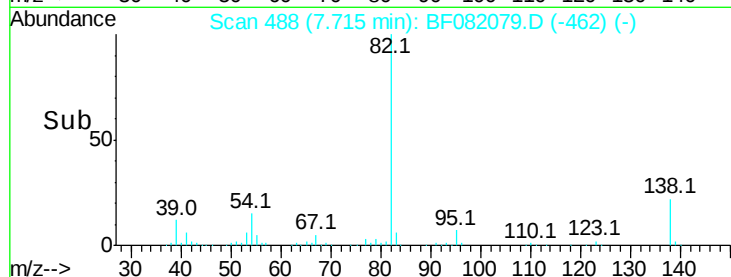
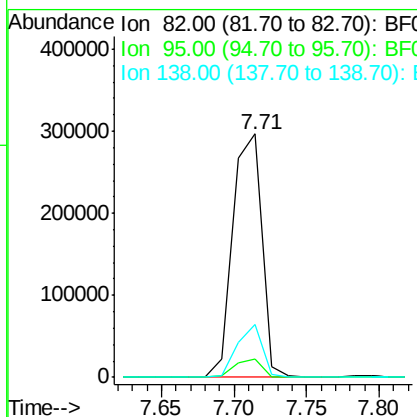
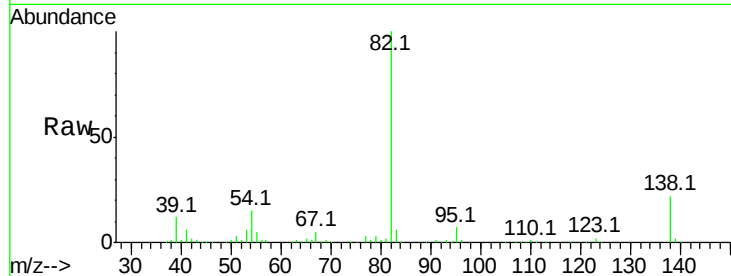
ClientSampleId :

PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	411642		
95	7.5	4.0	6.0#	
138	21.7	18.3	27.5	

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.83 ng

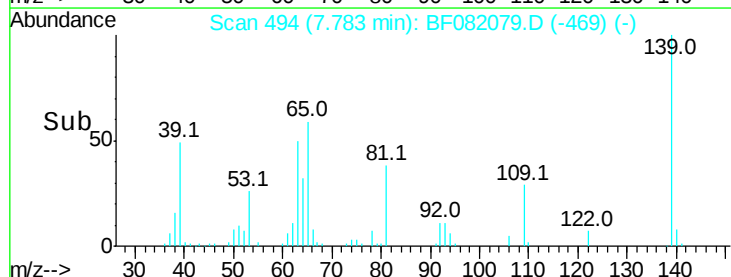
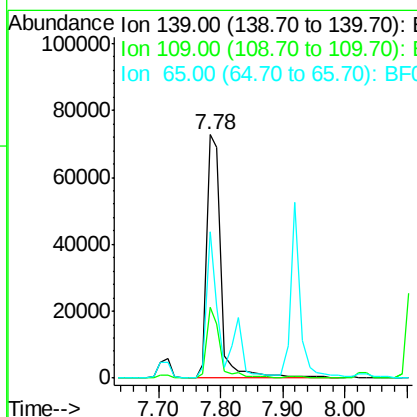
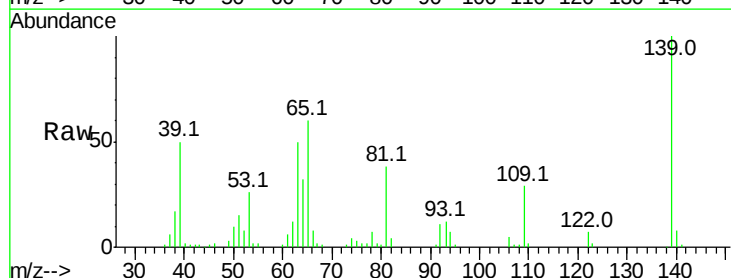
RT: 7.78 min Scan# 494

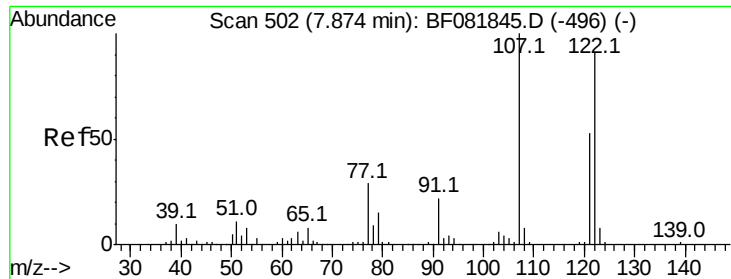
Delta R.T. -0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	115820		
109	29.2	11.0	16.4#	
65	60.0	24.7	37.1#	





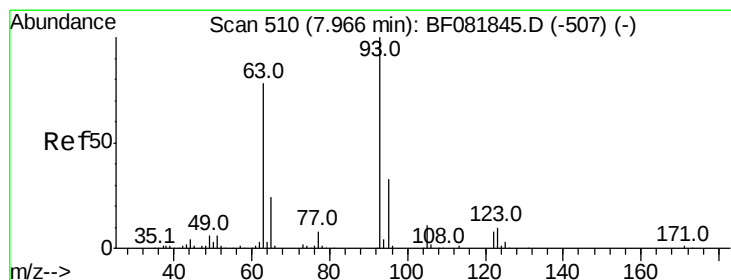
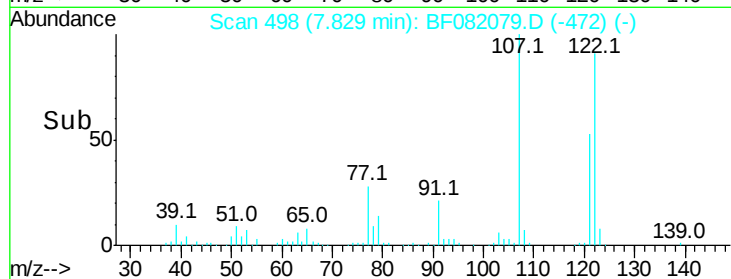
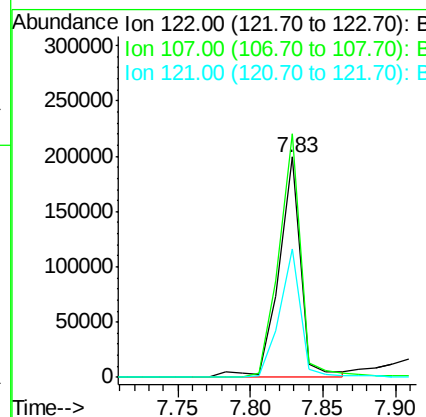
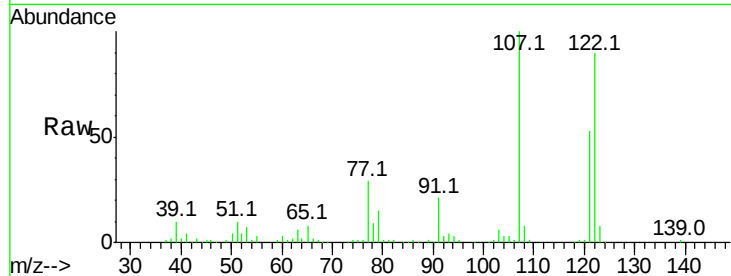
#27
2,4-Dimethylphenol
Concen: 46.25 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	210222		
107	110.7	71.8	107.6#	
121	58.3	42.3	63.5	

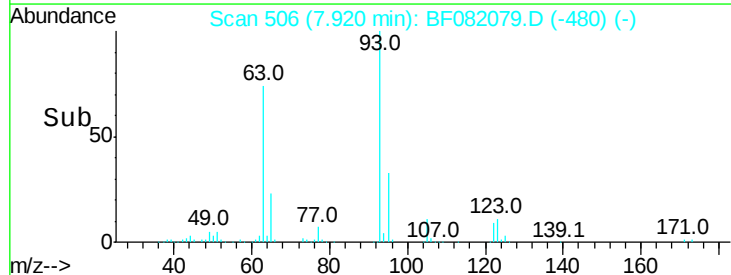
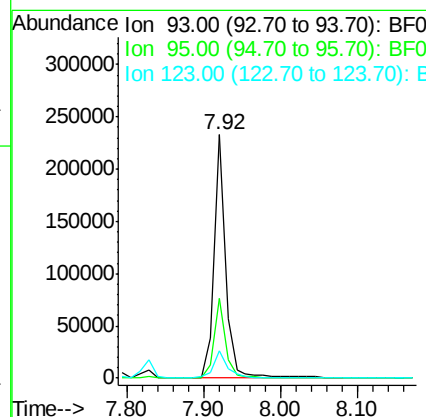
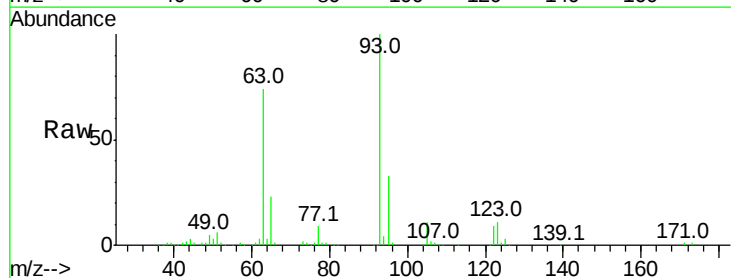
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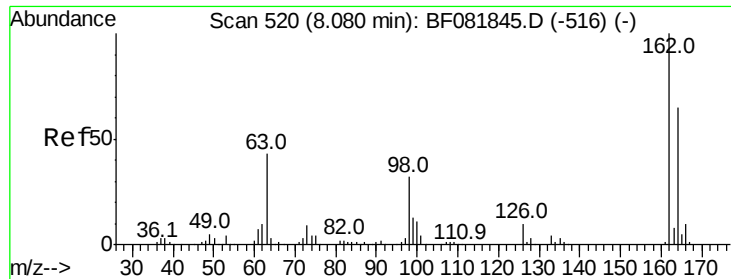
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#28
bis(2-Chloroethoxy)methane
Concen: 41.96 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	244786		
95	32.8	27.5	41.3	
123	11.1	13.7	20.5#	





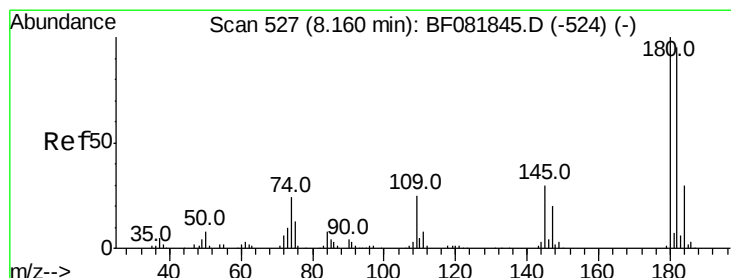
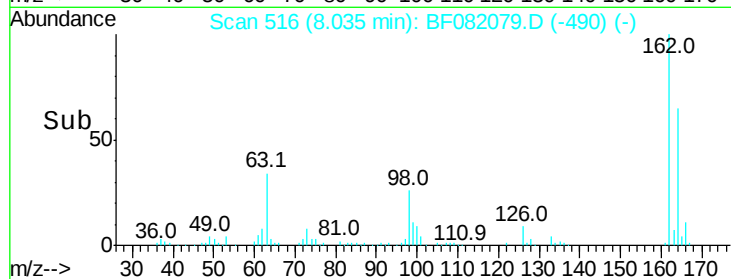
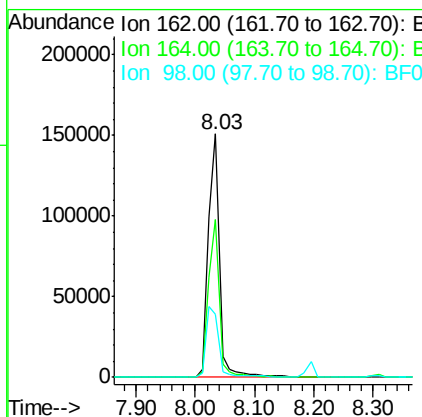
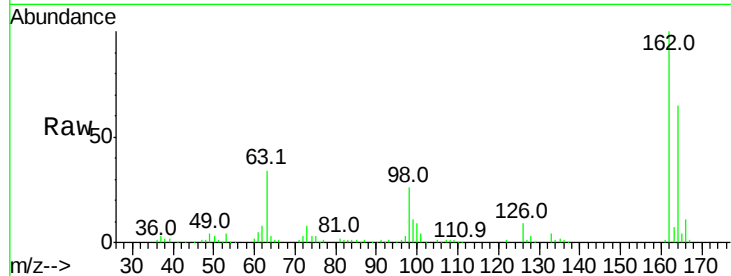
#29
 2,4-Dichlorophenol
 Concen: 45.13 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	198907		
164	64.6	44.9	84.9	
98	26.0	13.0	53.0	

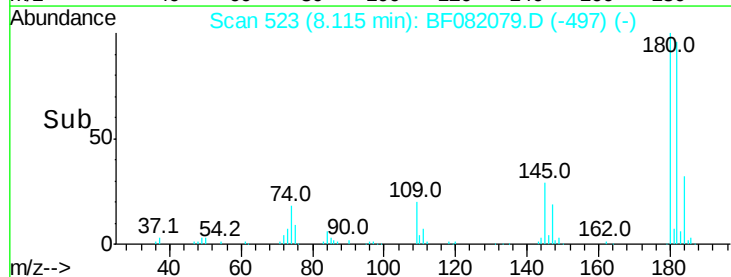
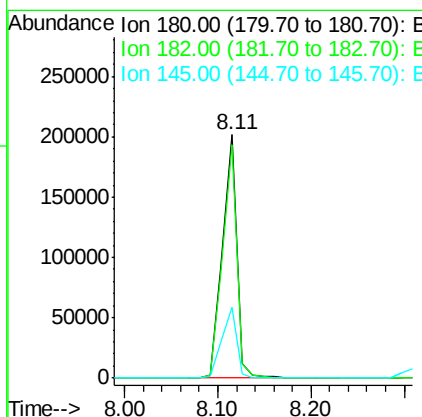
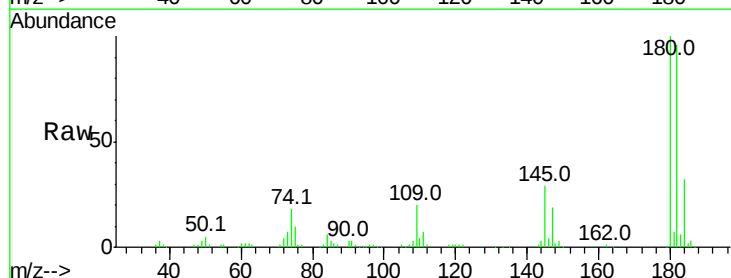
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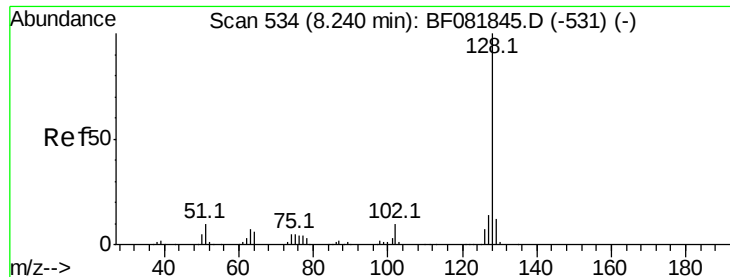
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.53 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	214183		
182	95.8	77.1	115.7	
145	28.9	23.3	34.9	





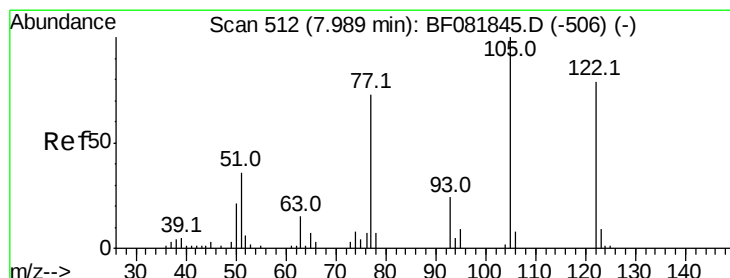
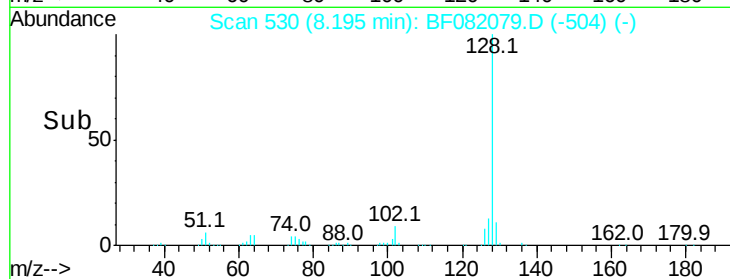
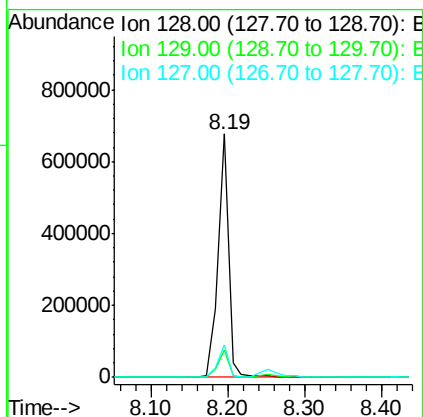
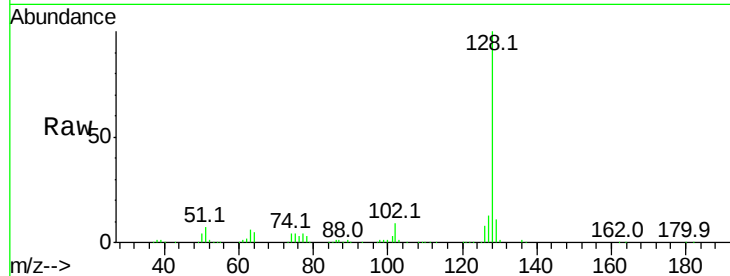
#31
Naphthalene
Concen: 44.14 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.2	8.4	12.6
127	13.5	9.9	14.9

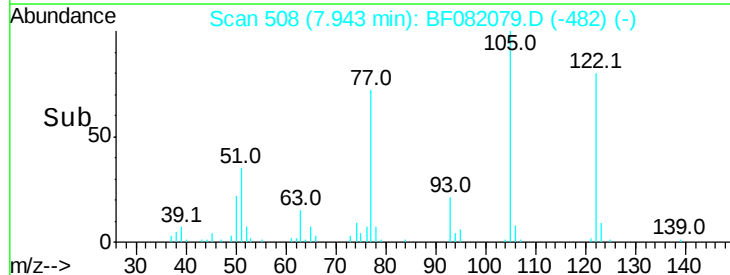
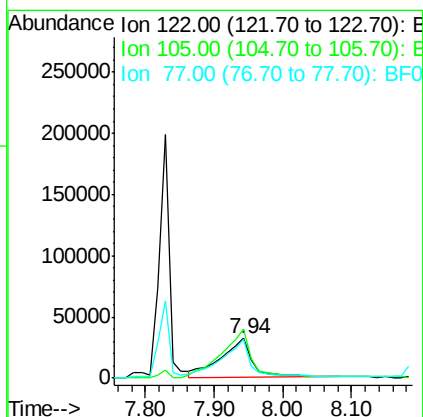
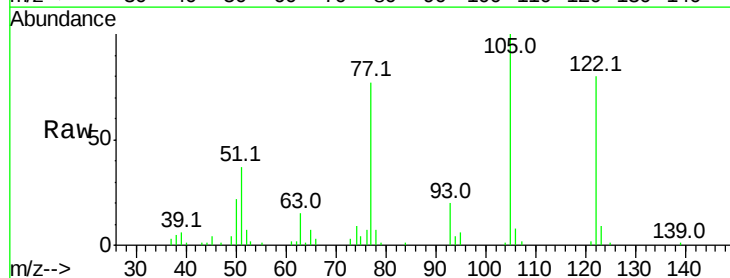
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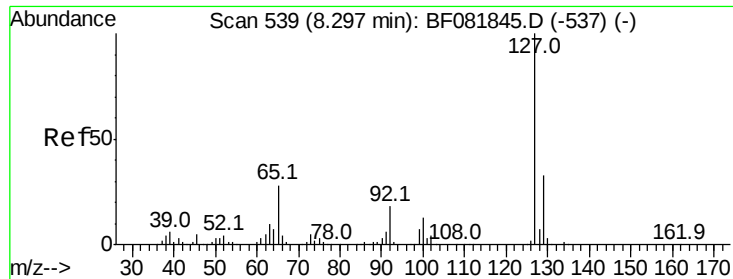
mmdadoda
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#32
Benzoic acid
Concen: 39.70 ng
RT: 7.94 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	125.4	76.1	116.1#
77	96.7	40.5	80.5#





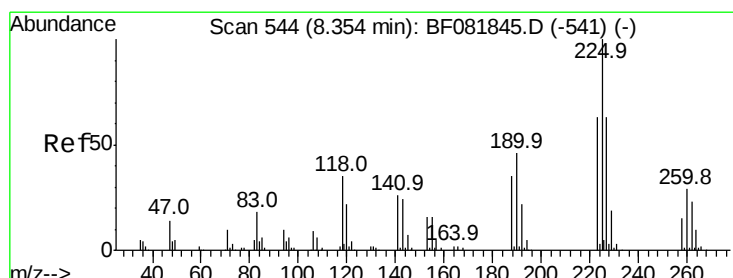
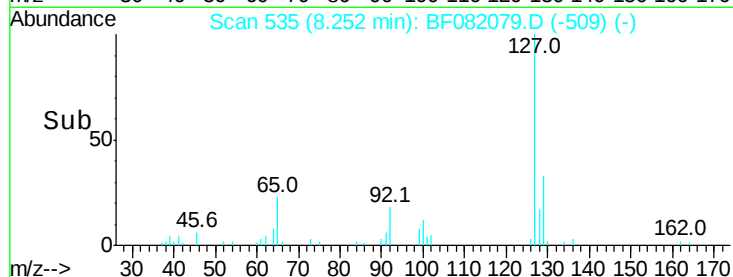
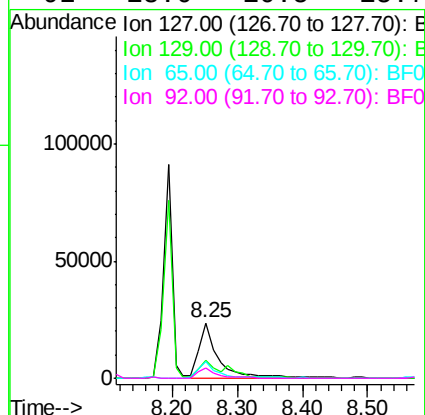
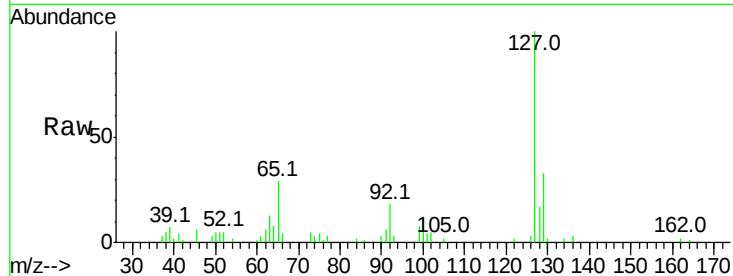
#33
4-Chloroaniline
Concen: 7.69 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.8	38.6		
65	29.0	17.9	26.9		
92	18.0	10.5	15.7		

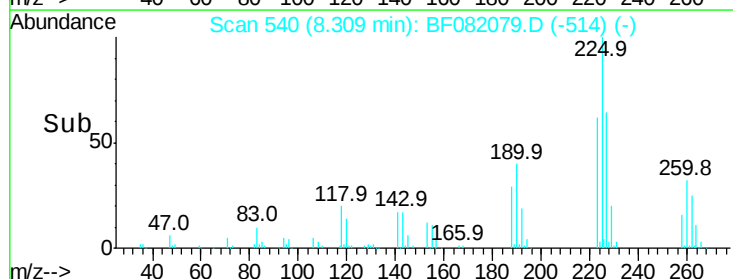
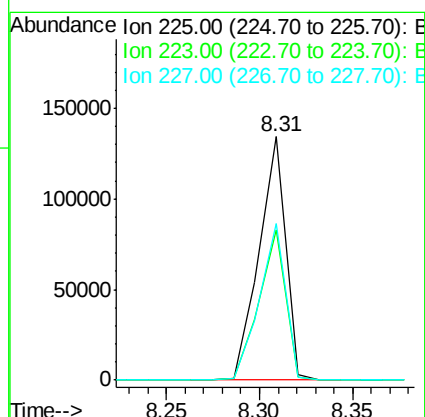
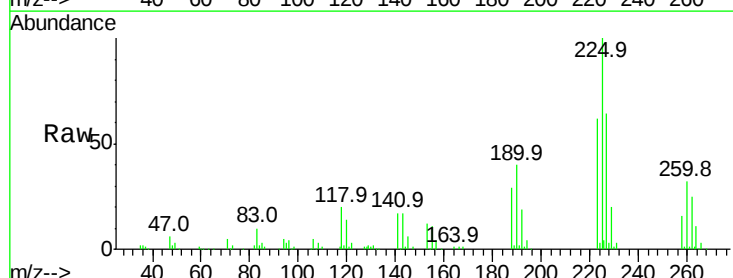
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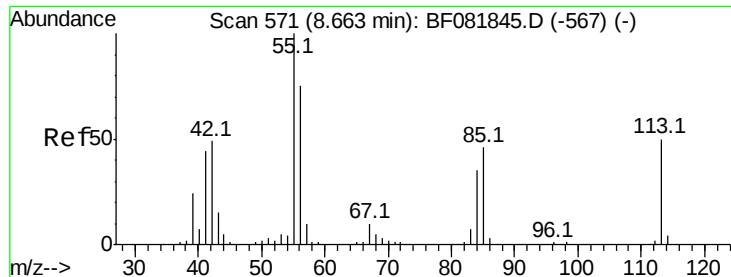
mmdadoda
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#34
Hexachlorobutadiene
Concen: 45.33 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.2	75.2		
227	64.2	52.2	78.2		





#35

Caprolactam

Concen: 48.95 ng/ml

RT: 8.62 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

ClientSampleID :

PB85739BS

Tot Ion:113 Resp: 59722

Ion Ratio Lower Upper

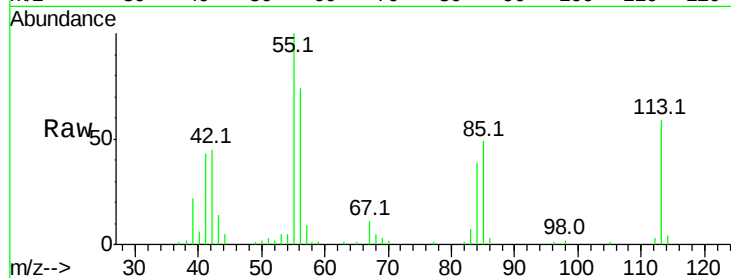
113 100

55 170.7 152.4 192.4

56 126.3 104.6 144.6

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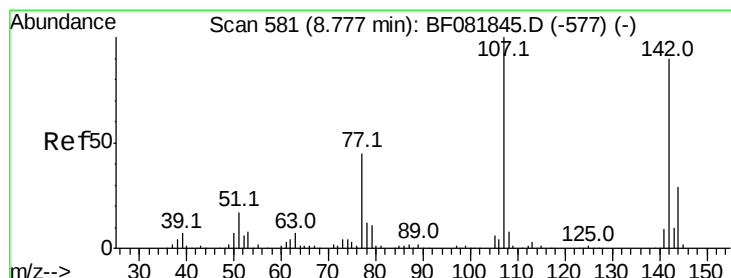
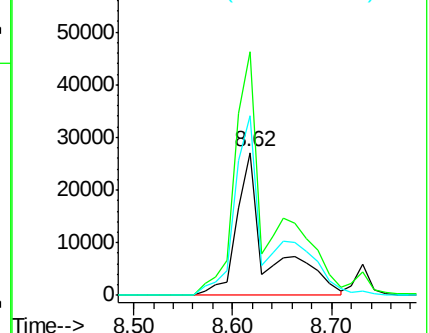
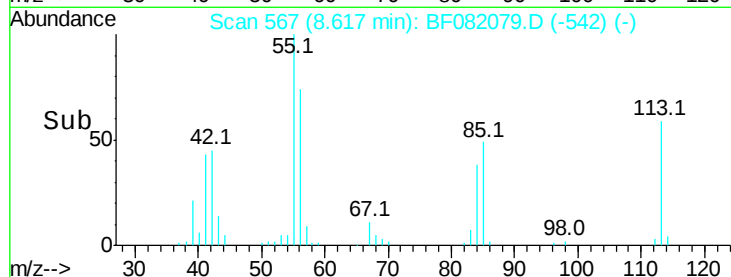
mmdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.47 ng/ml

RT: 8.73 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

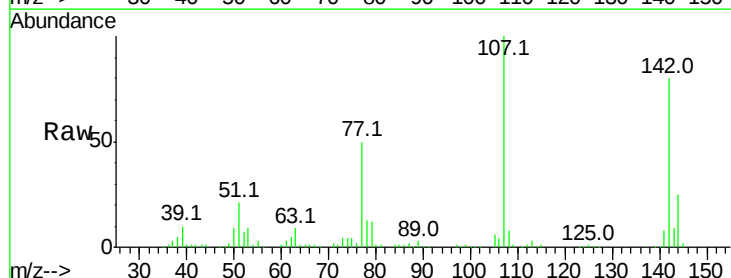
Tgt Ion:107 Resp: 195949

Ion Ratio Lower Upper

107 100

144 25.3 25.4 38.0#

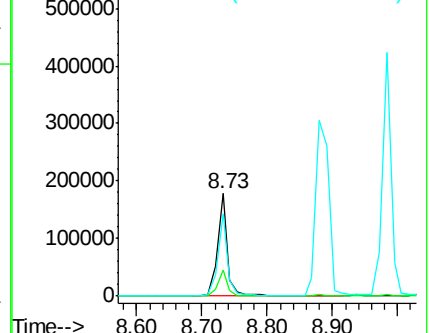
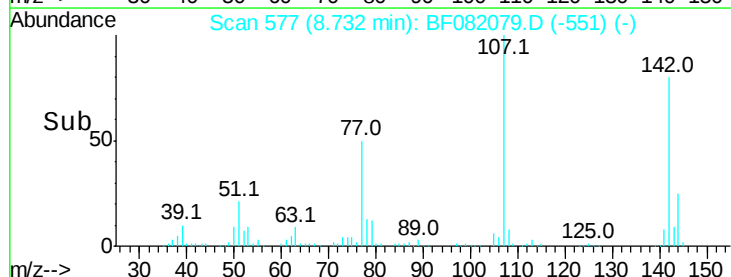
142 79.8 77.3 115.9

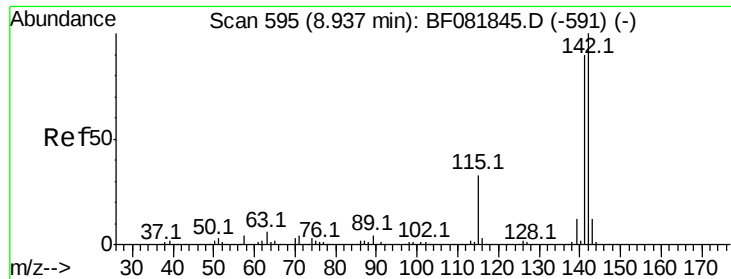


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.33 ng

RT: 8.88 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

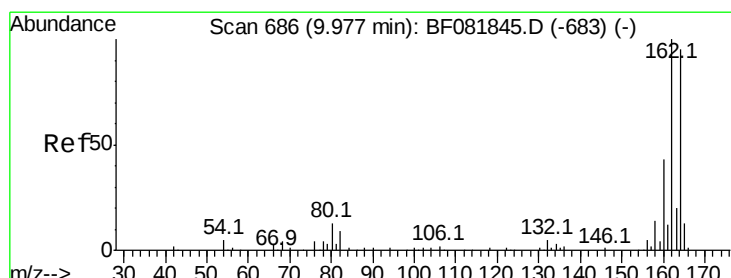
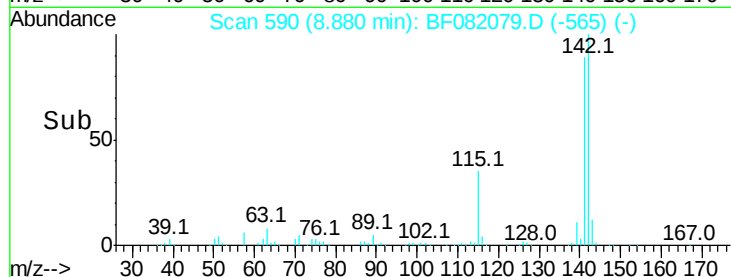
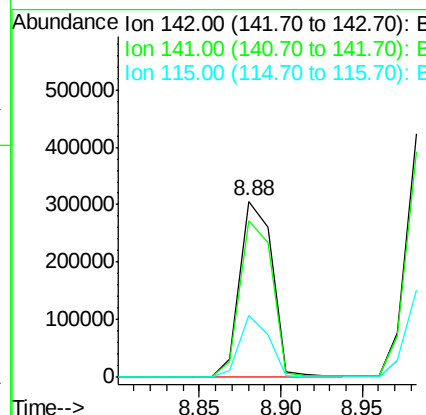
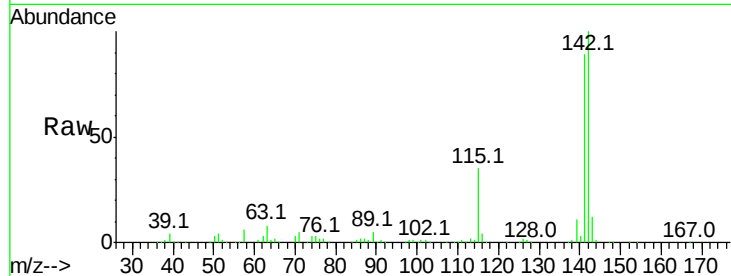
ClientSampleId :

PB85739BS

Tot Ion:	142	Resp:	423067
Ion Ratio	Lower	Upper	
142	100		
141	88.9	67.5	101.3
115	35.3	18.2	27.2#

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#38

Acenaphthene-d10

Concen: 20.00 ng

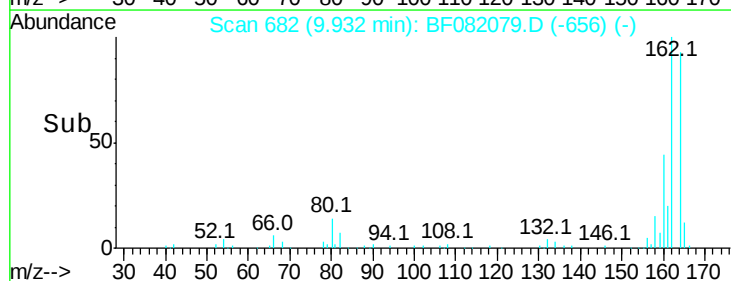
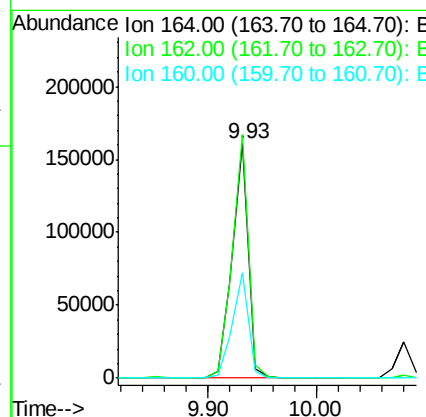
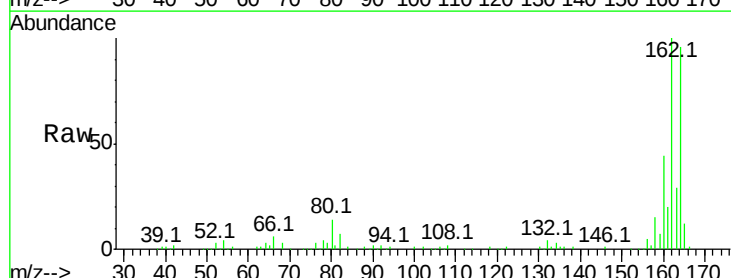
RT: 9.93 min Scan# 682

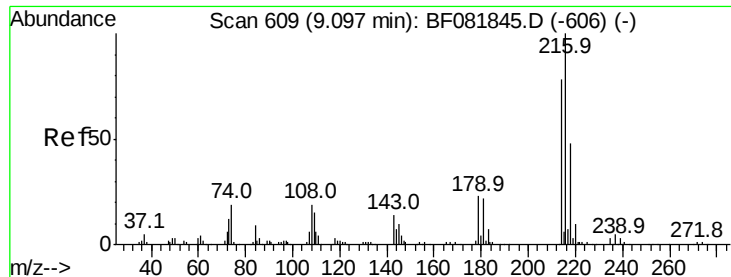
Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion:	164	Resp:	163964
Ion Ratio	Lower	Upper	
164	100		
162	104.0	75.2	112.8
160	45.3	31.5	47.3





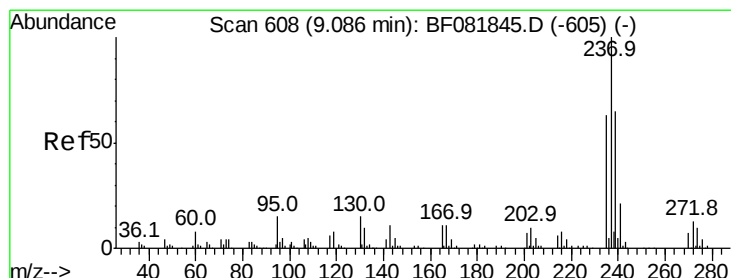
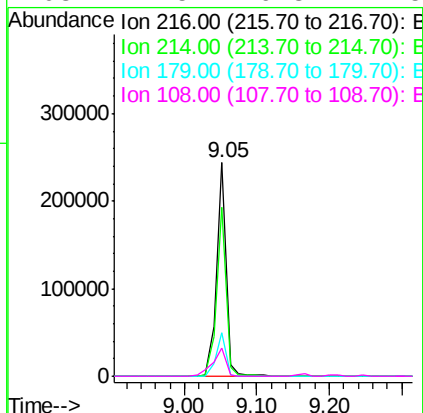
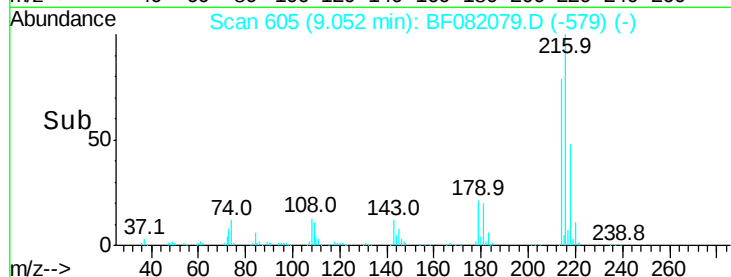
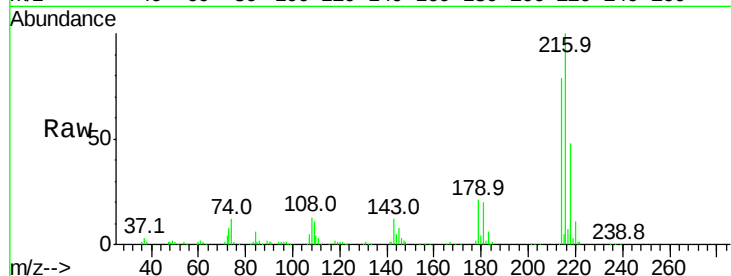
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.44 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

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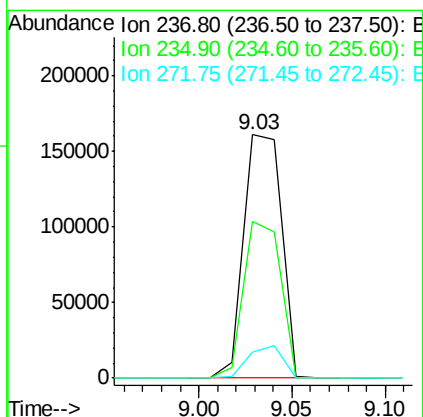
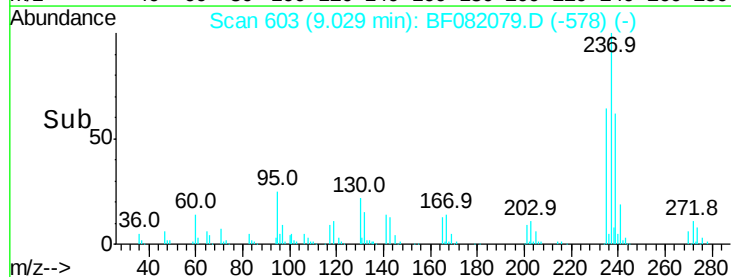
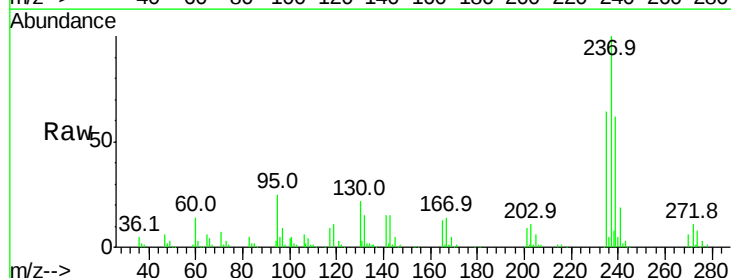
mmdadoda
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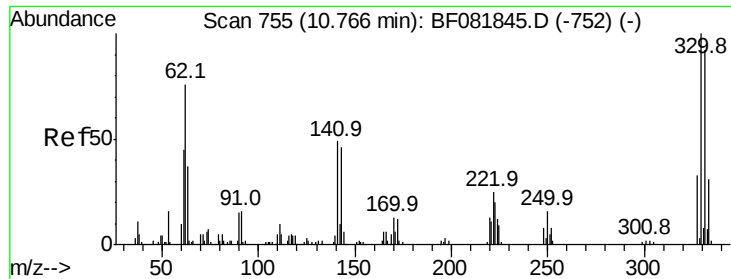
Tot Ion	Ratio	Resp	Lower	Upper
216	100	223690		
214	79.0	63.5	95.3	
179	20.7	16.6	24.8	
108	17.5	16.3	24.5	



#40
 Hexachlorocyclopentadiene
 Concen: 87.30 ng
 RT: 9.03 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	226290		
235	64.2	42.0	82.0	
272	10.5	0.0	36.1	





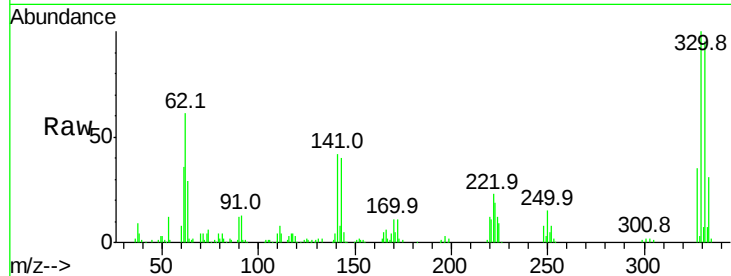
#41
 2,4,6-Tribromophenol
 Concen: 118.67 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

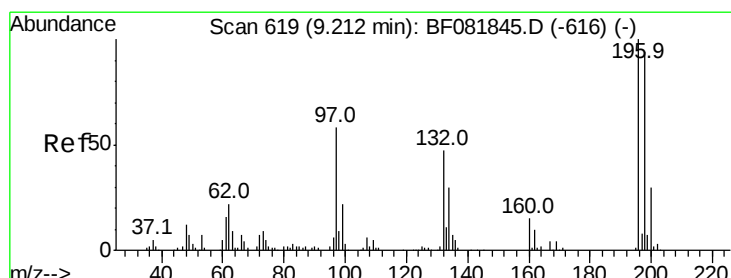
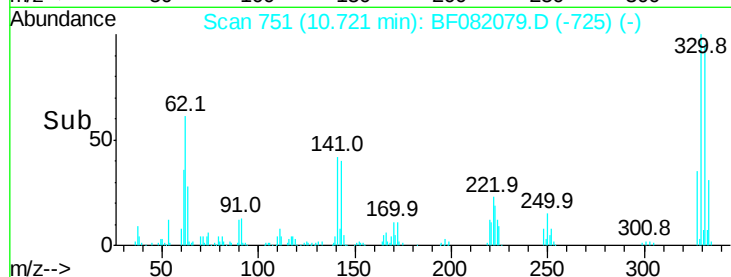
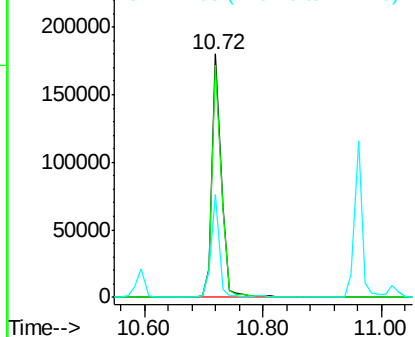
Tot Ion	Ratio	Resp	Lower	Upper
330	100	197065		
332	95.7	76.6	114.8	
141	36.7	29.7	44.5	

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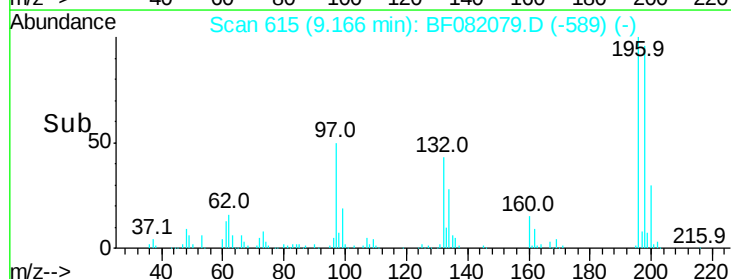
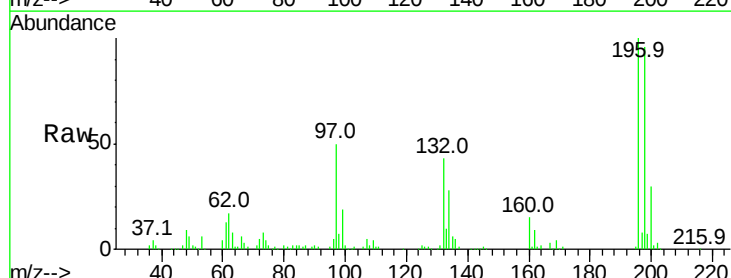
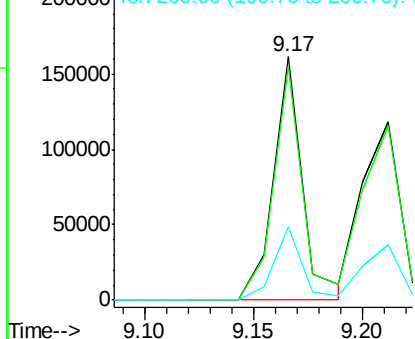
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

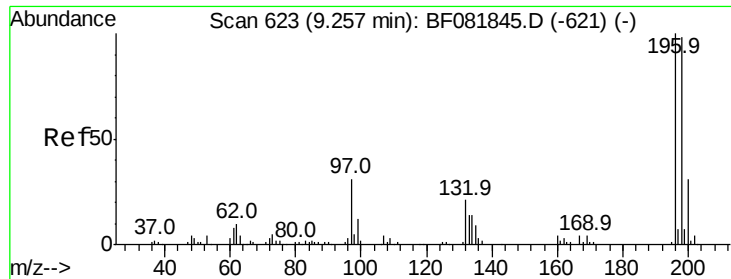


#42
 2,4,6-Trichlorophenol
 Concen: 43.68 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150749		
198	95.9	75.7	113.5	
200	30.0	23.9	35.9	

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: 44.23 ng

RT: 9.21 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF082079.D

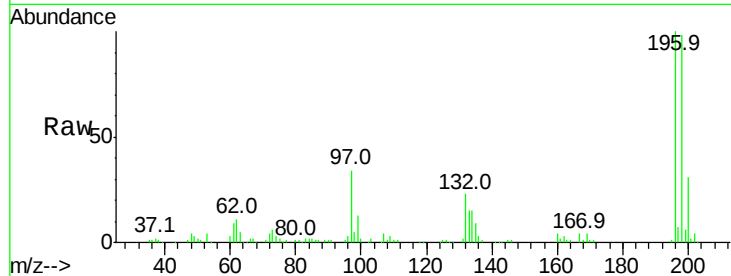
Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

ClientSampleId :

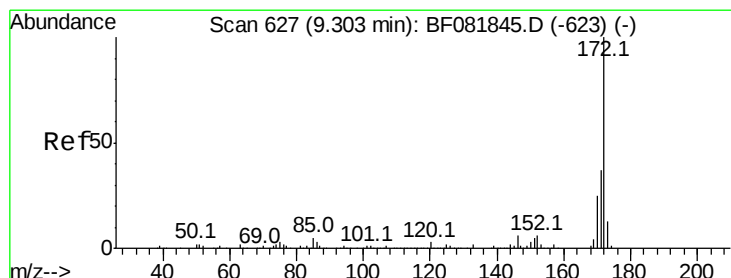
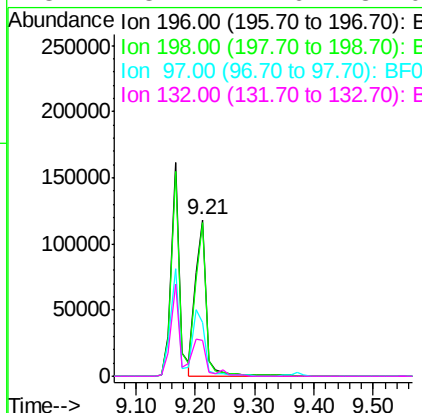
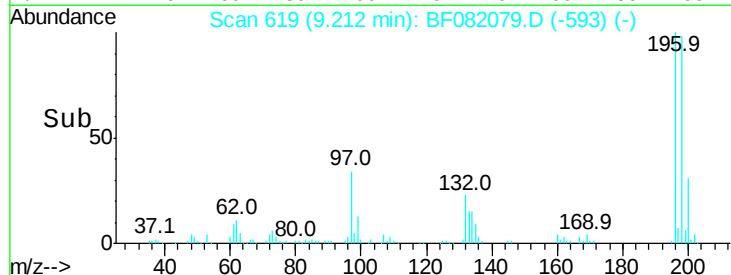
PB85739BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	156979		
198	97.9	75.4	113.0	
97	34.3	33.3	49.9	
132	23.1	24.6	37.0#	

Manual Integrations
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#44

2-Fluorobiphenyl

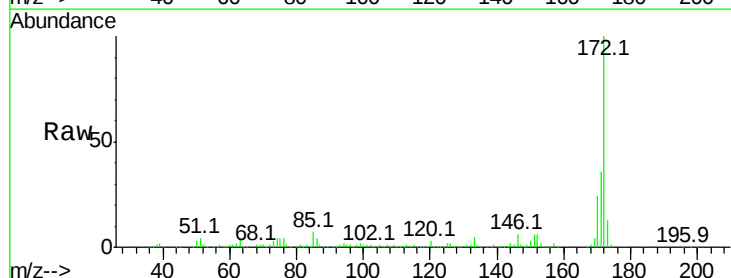
Concen: 85.22 ng

RT: 9.25 min Scan# 622

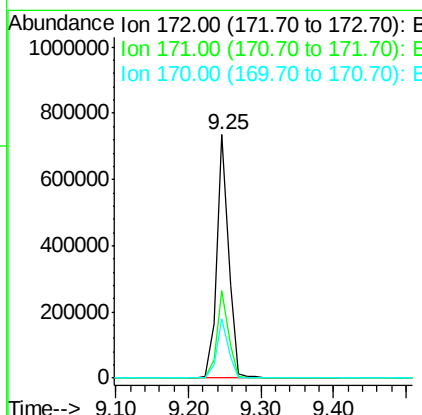
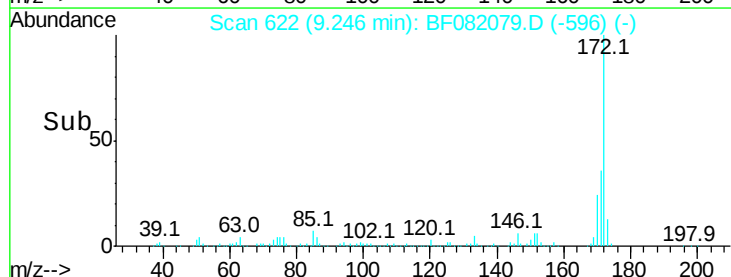
Delta R.T. -0.00 min

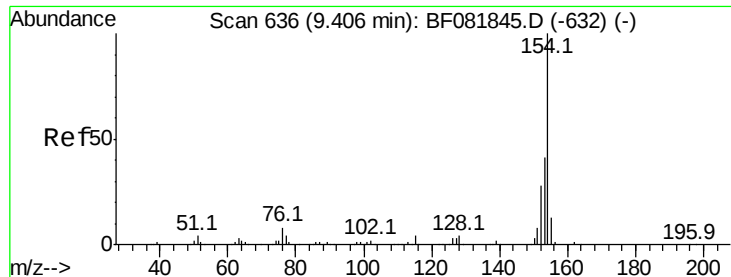
Lab File: BF082079.D

Acq: 6 Oct 2015 12:34



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	834592		
171	36.0	26.1	39.1	
170	24.4	17.4	26.2	





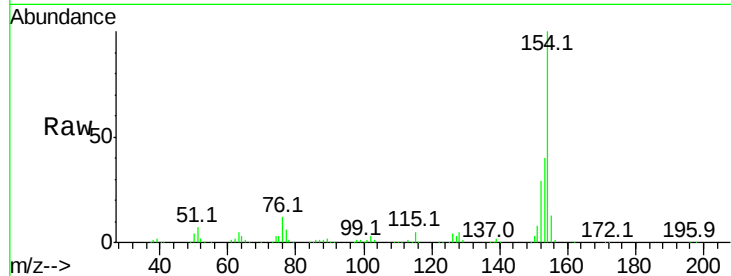
#45
 1,1'-Biphenyl
 Concen: 42.38 ng
 RT: 9.35 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

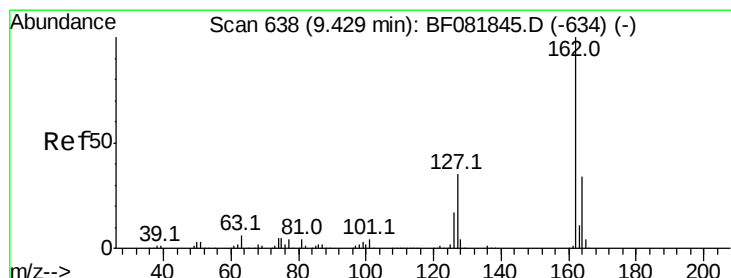
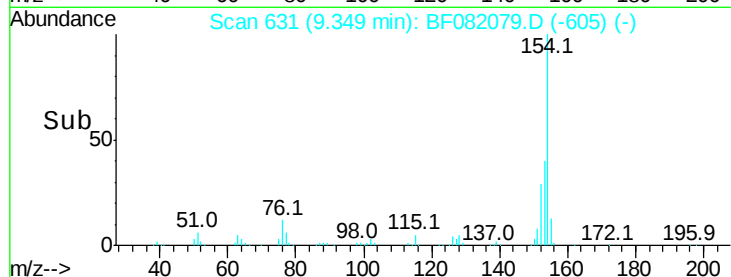
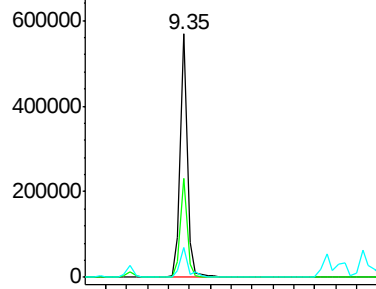
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	17.1	57.1	
76	12.4	0.0	31.6	

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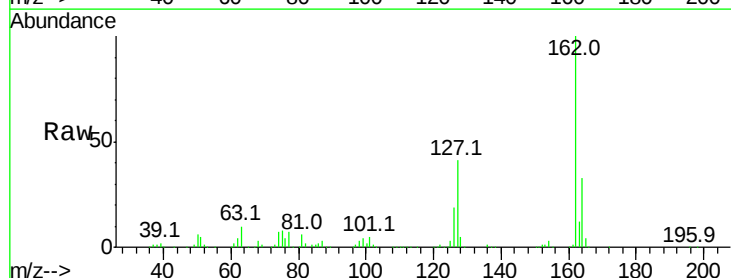


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

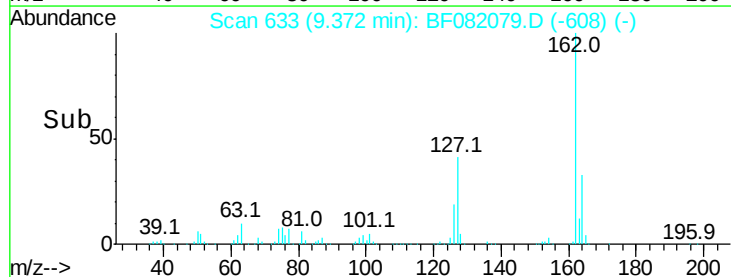
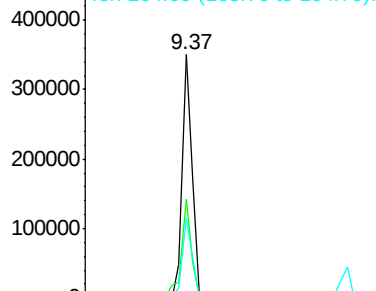


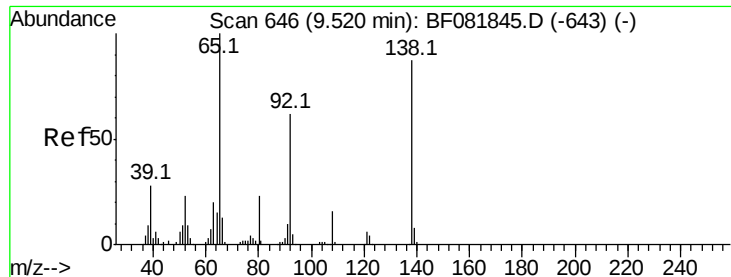
#46
 2-Chloronaphthalene
 Concen: 41.41 ng
 RT: 9.37 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.8	27.6	41.4	
164	32.6	25.4	38.2	



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: 42.39 ng

RT: 9.47 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

ClientSampleId :

PB85739BS

Tot Ion: 65 Resp: 123588

Ion Ratio Lower Upper

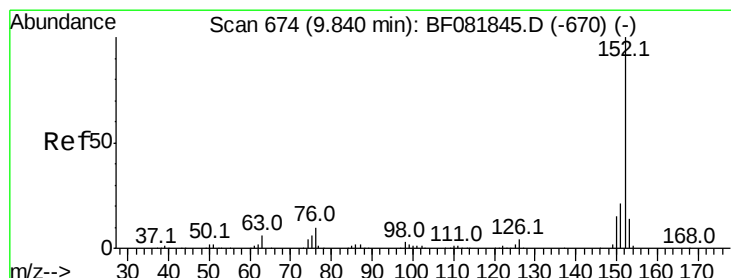
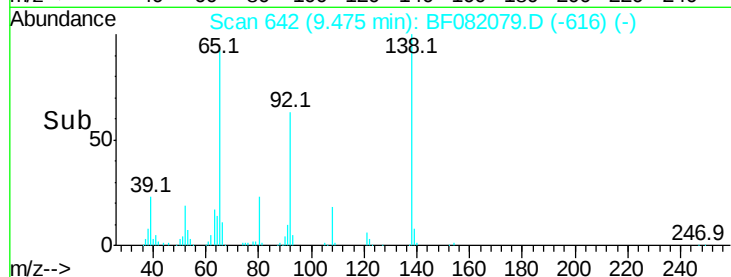
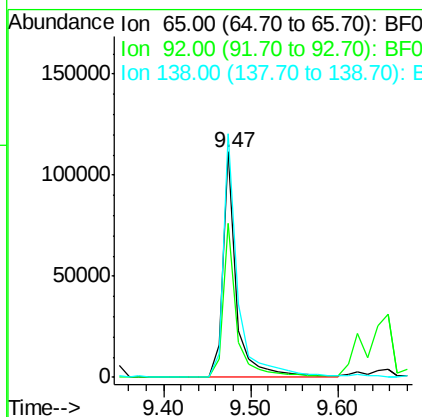
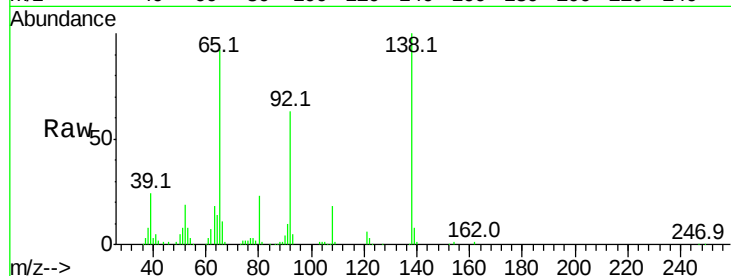
65 100

92 68.5 55.4 83.0

138 108.1 115.5 173.3#

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#48

Acenaphthylene

Concen: 44.43 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

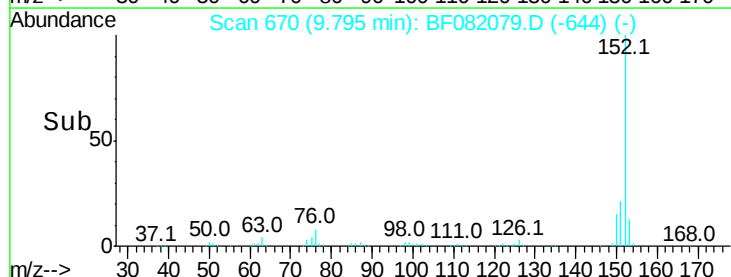
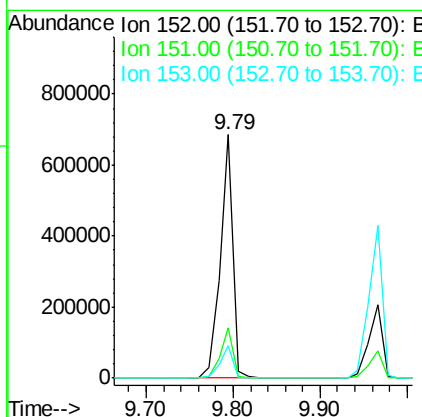
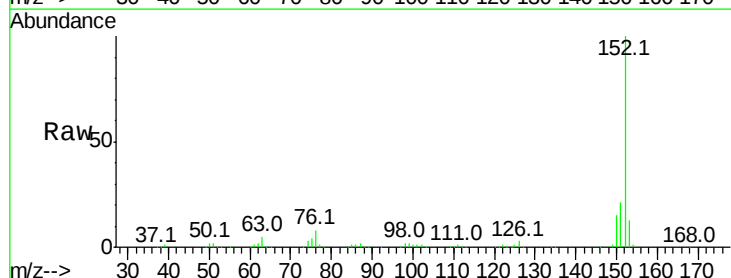
Tgt Ion: 152 Resp: 706369

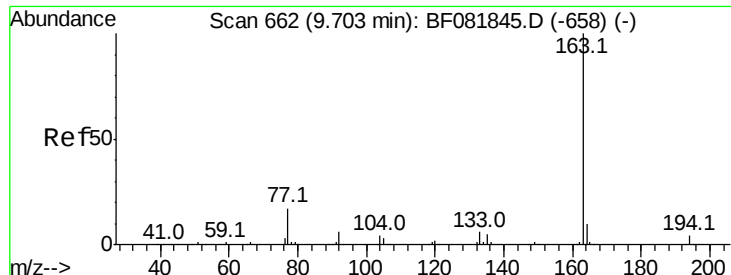
Ion Ratio Lower Upper

152 100

151 20.7 14.6 22.0

153 13.3 10.3 15.5





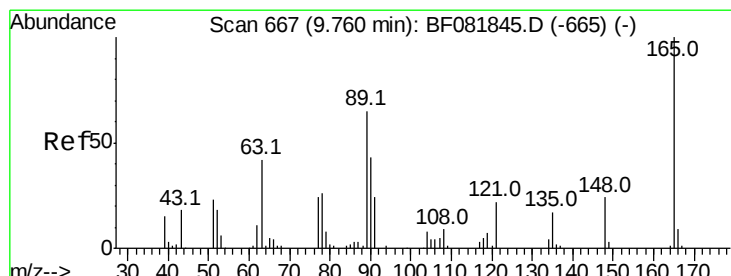
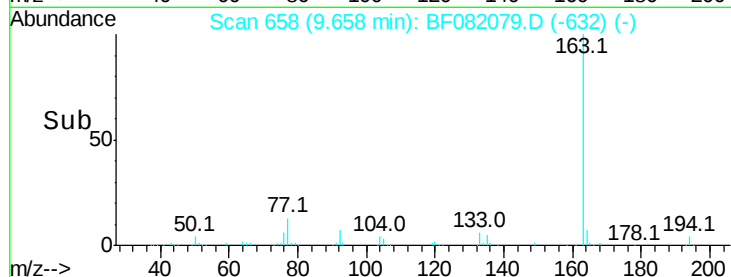
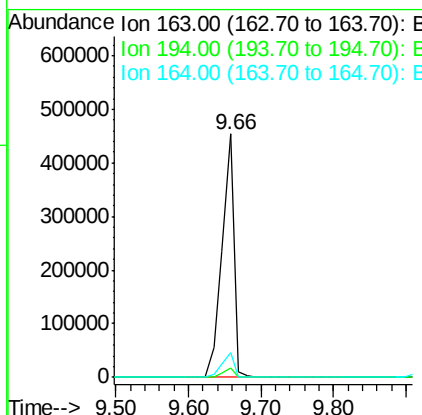
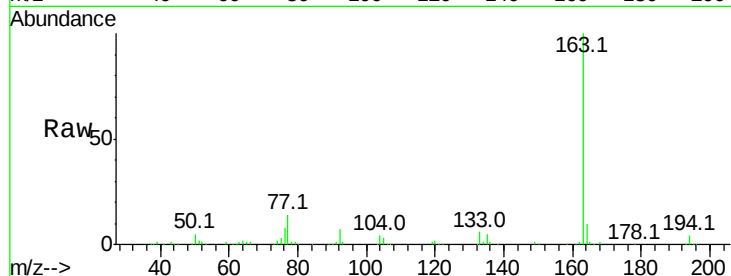
#49
Dimethylphthalate
Concen: 46.33 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	524295		
194	3.9		4.4	6.6#
164	10.0		8.3	12.5

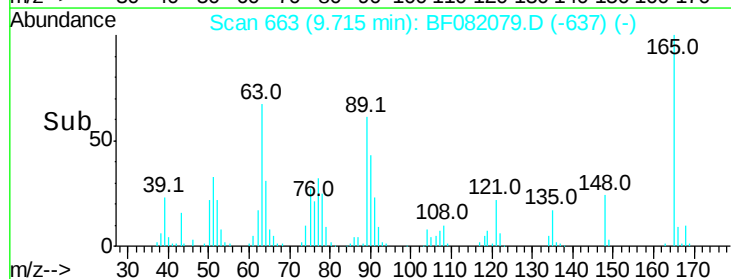
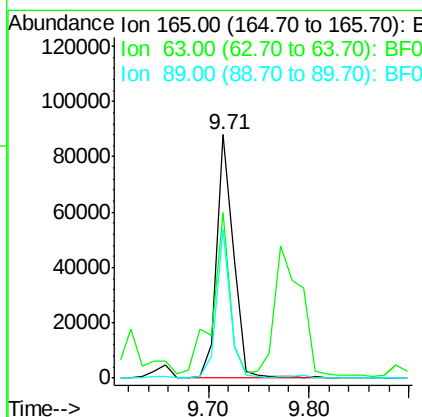
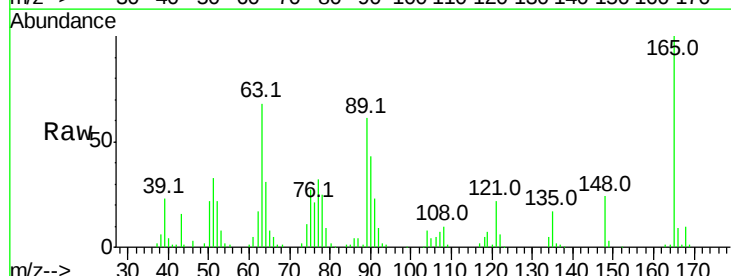
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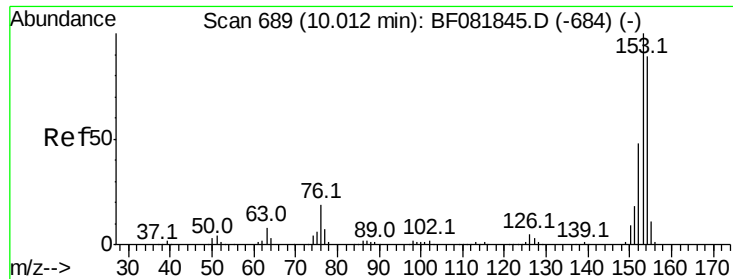
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#50
2,6-Dinitrotoluene
Concen: 41.50 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	101968		
63	67.8		32.3	48.5#
89	61.3		28.6	43.0#





#51

Acenaphthene

Concen: 44.25 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

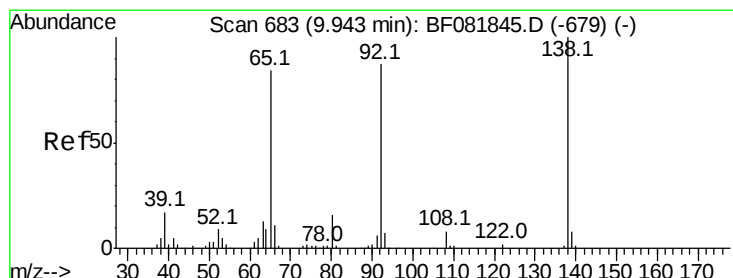
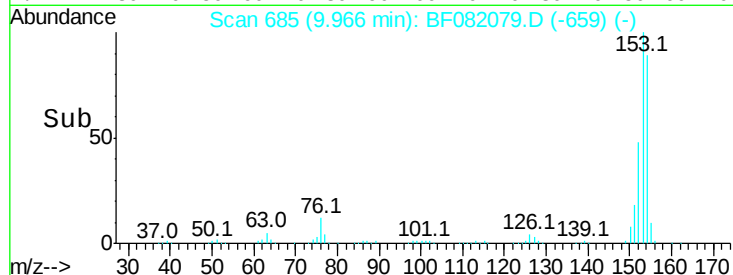
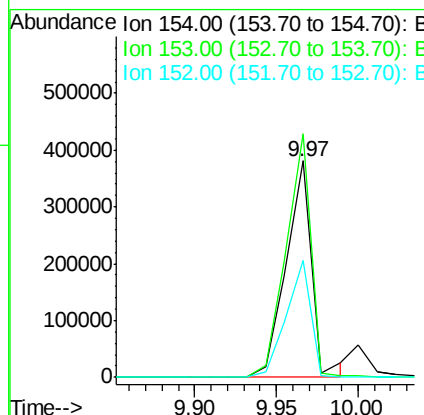
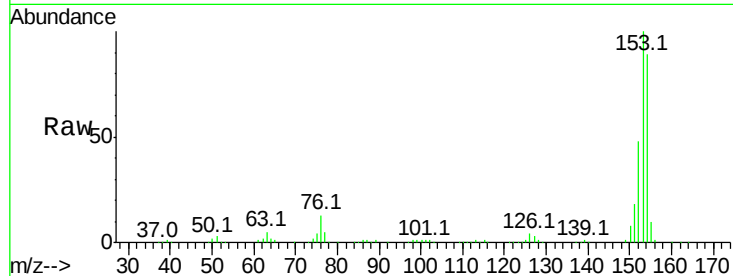
ClientSampleId :

PB85739BS

Tot Ion:	154	Resp:	417760
Ion Ratio	Lower	Upper	
154	100		
153	112.6	82.1	123.1
152	54.1	37.9	56.9

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#52

3-Nitroaniline

Concen: 13.56 ng

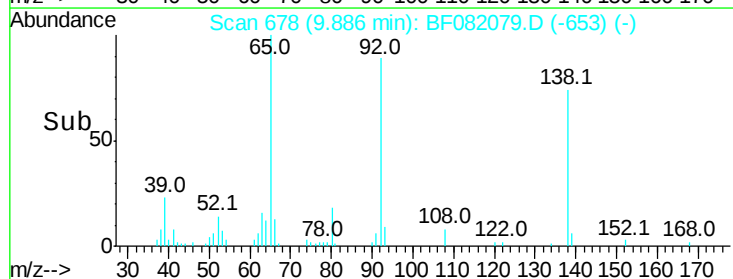
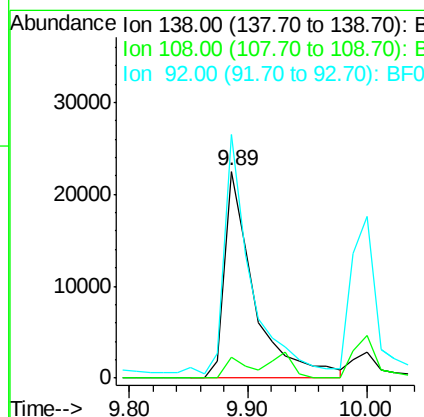
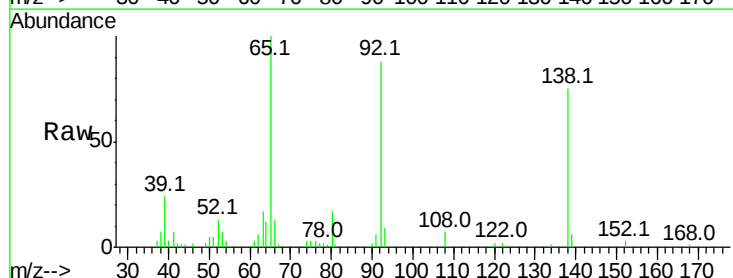
RT: 9.89 min Scan# 678

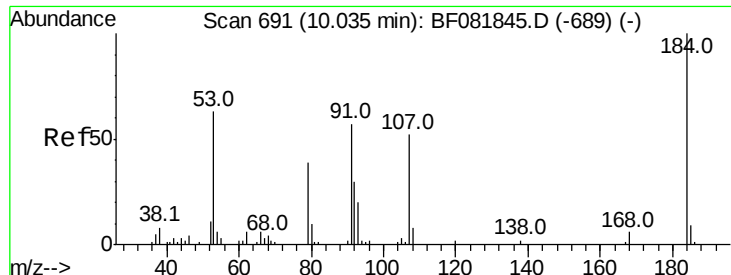
Delta R.T. -0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion:	138	Resp:	38552
Ion Ratio	Lower	Upper	
138	100		
108	9.8	5.7	8.5#
92	117.9	67.7	101.5#





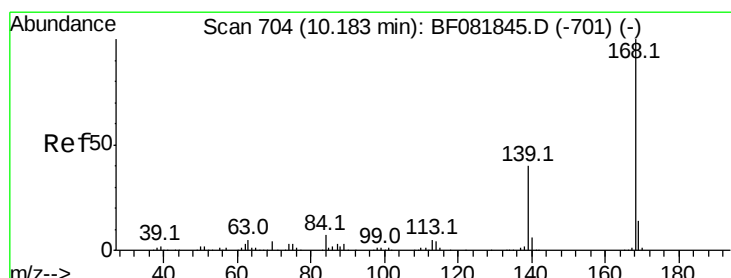
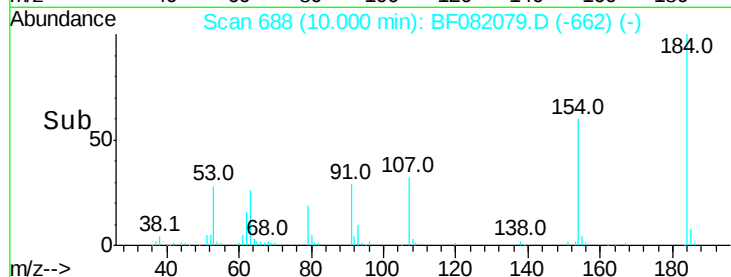
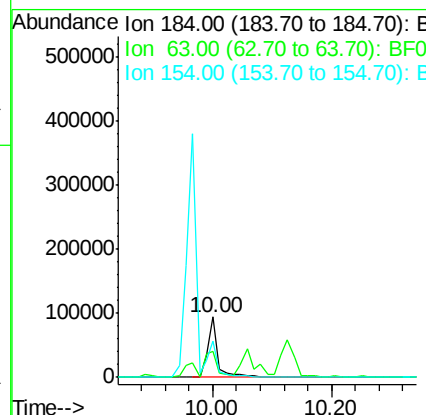
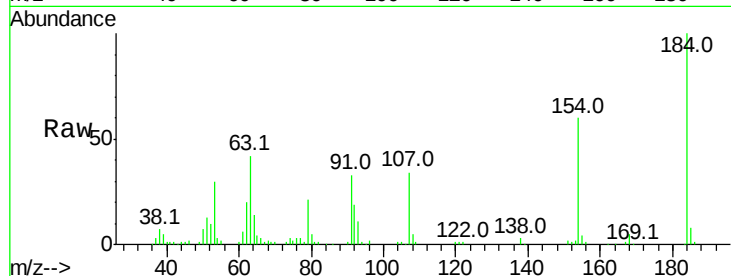
#53
 2,4-Dinitrophenol
 Concen: 89.45 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	42.3	35.4	53.2	
154	59.7	32.2	48.4	

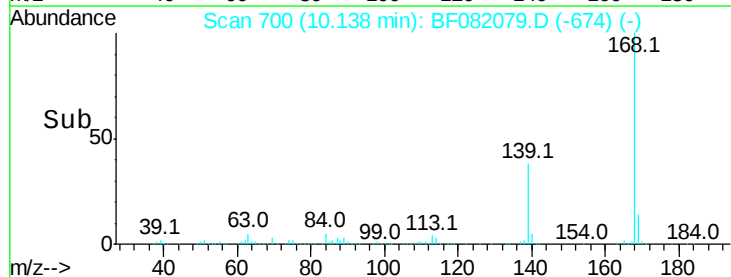
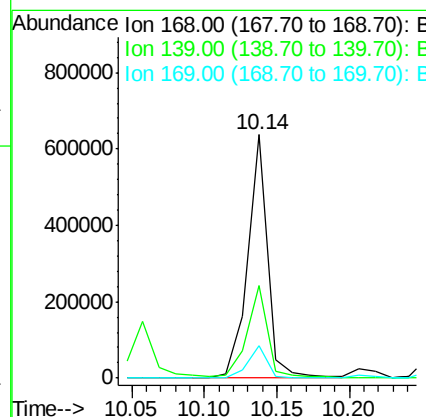
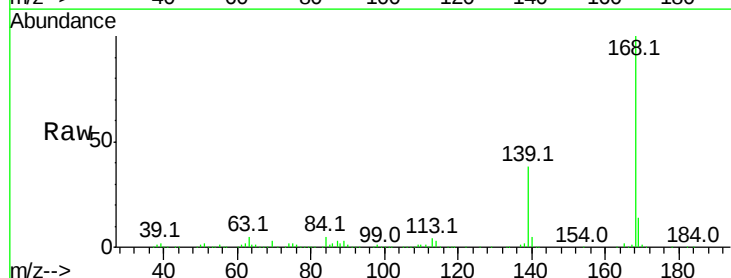
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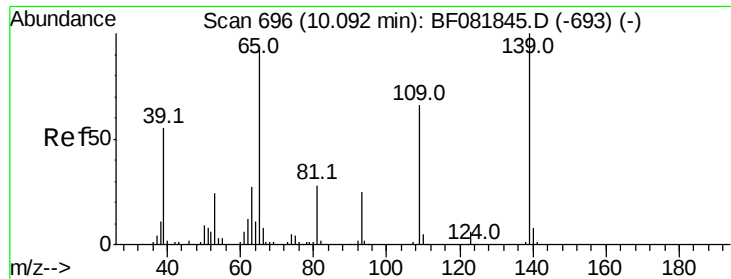
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#54
 Dibenzofuran
 Concen: 45.72 ng
 RT: 10.14 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.9	24.2	36.2	
169	13.5	10.6	15.8	





#55

4-Nitrophenol

Concen: 83.32 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

ClientSampleId :

PB85739BS

Tot Ion:139 Resp: 171134
Ion Ratio Lower Upper

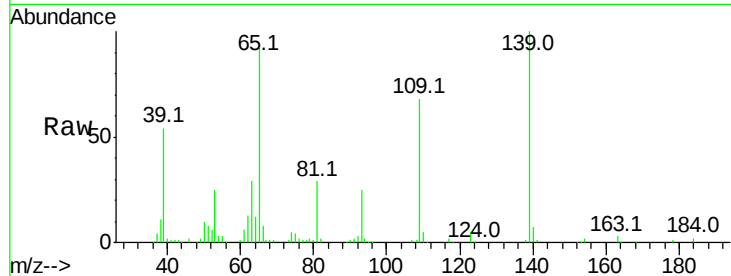
139 100

109 67.7 12.7 52.7#

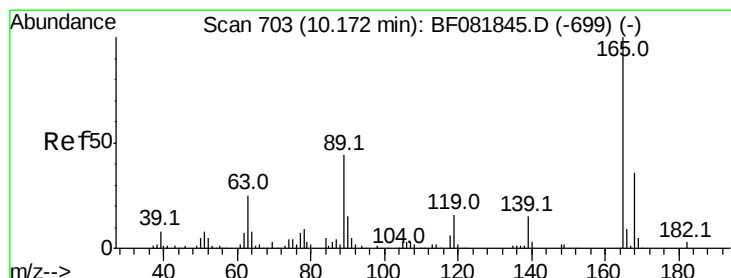
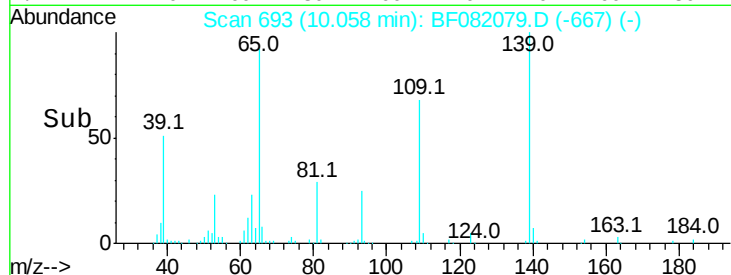
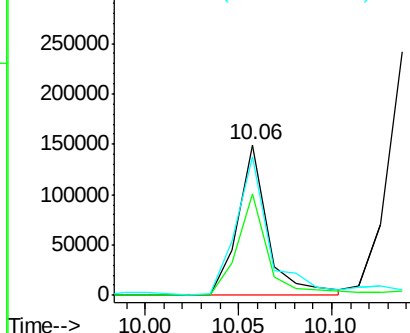
65 92.0 45.9 85.9#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.37 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion:165 Resp: 157773
Ion Ratio Lower Upper

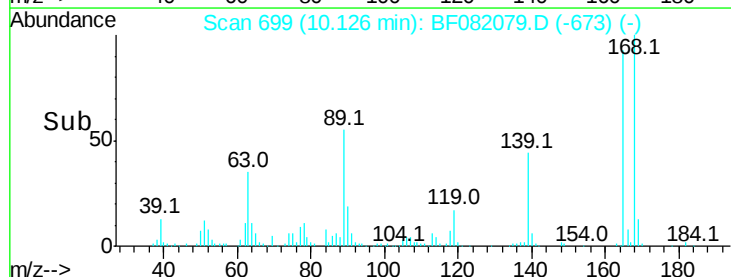
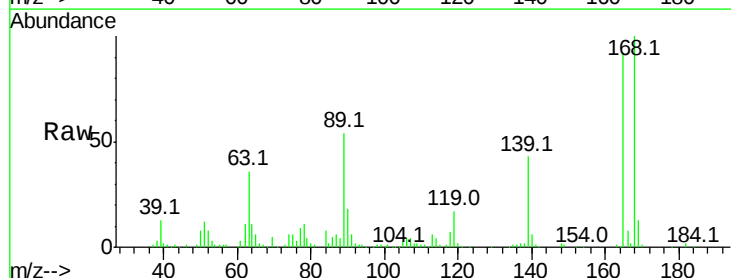
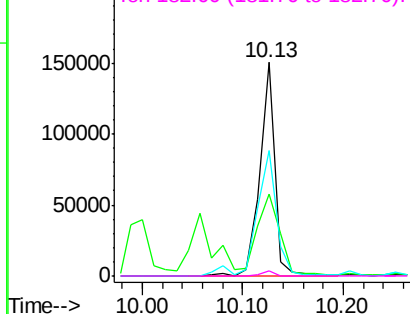
165 100

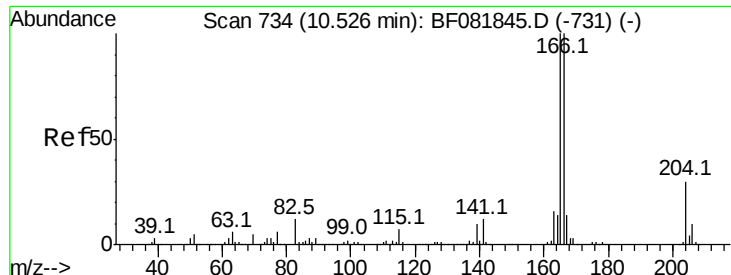
63 38.6 29.8 44.6

89 58.9 44.5 66.7

182 2.3 3.0 4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.98 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

ClientSampleId :

PB85739BS

Tot Ion:166 Resp: 501893

Ion Ratio Lower Upper

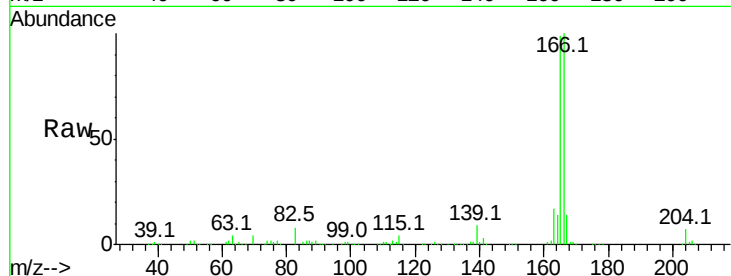
166 100

165 99.0 72.6 109.0

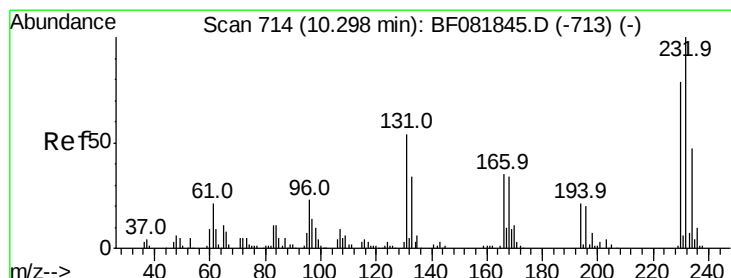
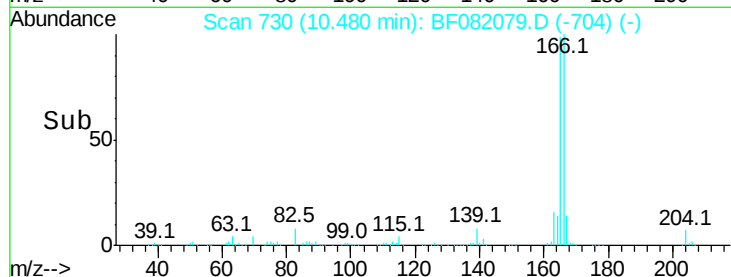
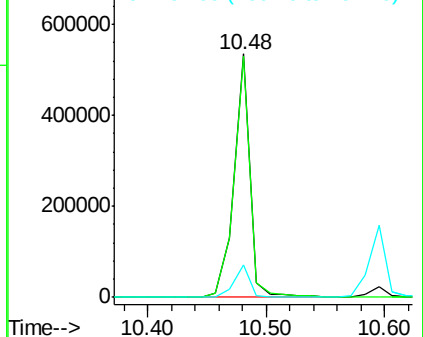
167 13.6 10.6 16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.85 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion:232 Resp: 134698

Ion Ratio Lower Upper

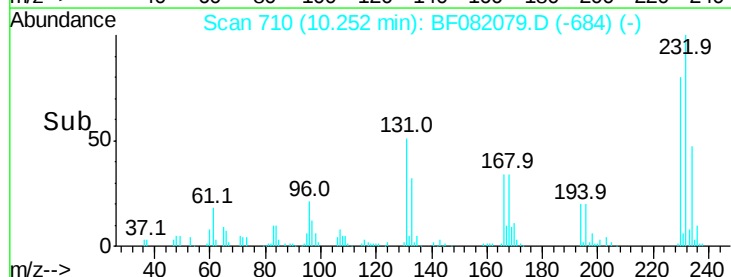
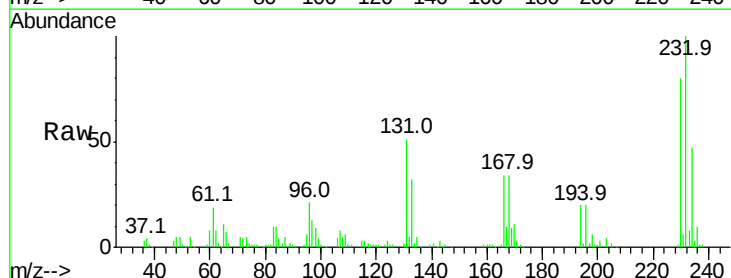
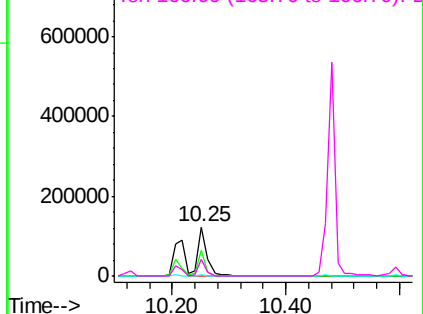
232 100

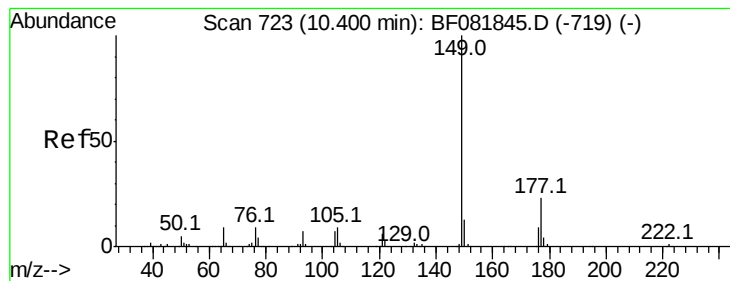
131 43.1 38.5 57.7

130 1.9 1.8 2.6

166 29.3 25.0 37.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.05 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

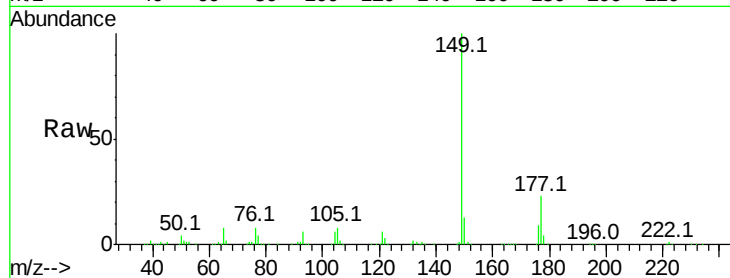
ClientSampleId :

PB85739BS

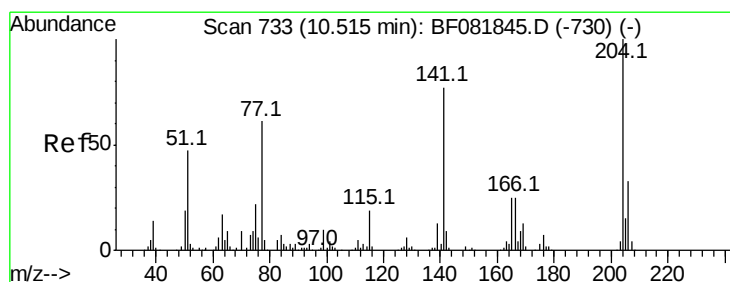
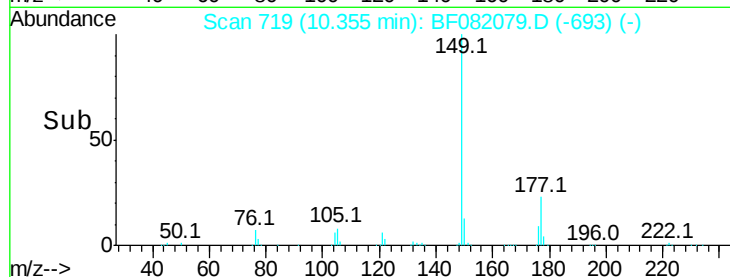
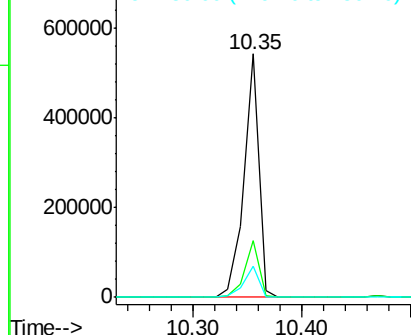
Tot Ion:	149	Resp:	507923
Ion Ratio	Lower	Upper	
149	100		
177	23.2	17.5	26.3
150	12.7	9.4	14.2

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



#60

4-Chlorophenyl-phenylether

Concen: 45.69 ng

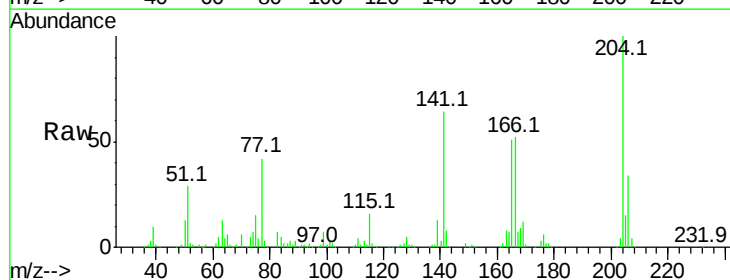
RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

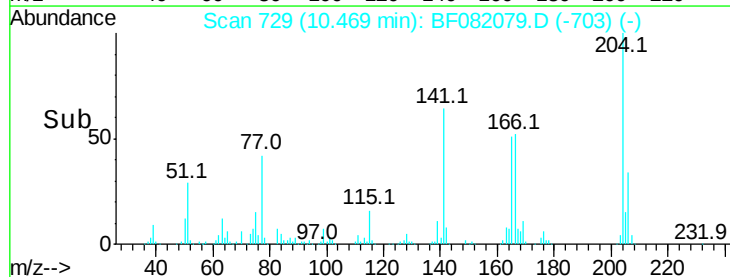
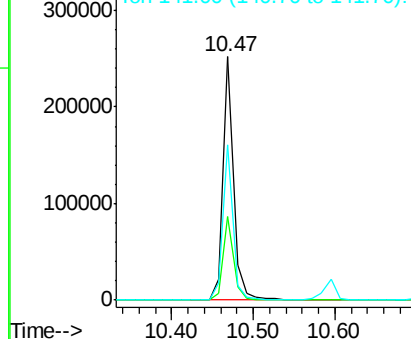
Lab File: BF082079.D

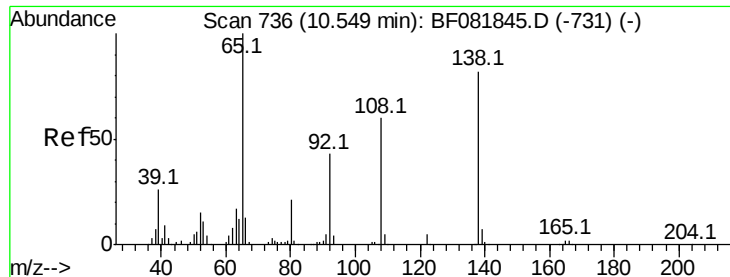
Acq: 6 Oct 2015 12:34

Tgt Ion:	204	Resp:	223168
Ion Ratio	Lower	Upper	
204	100		
206	34.2	24.8	37.2
141	64.0	42.2	63.4#



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





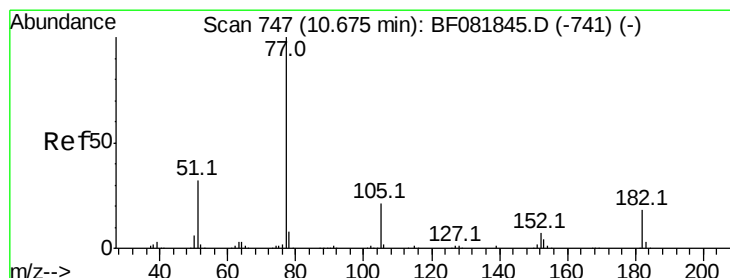
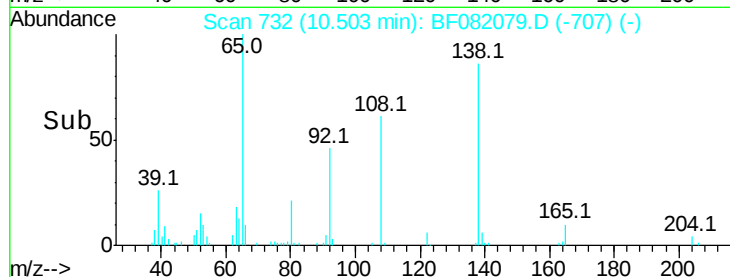
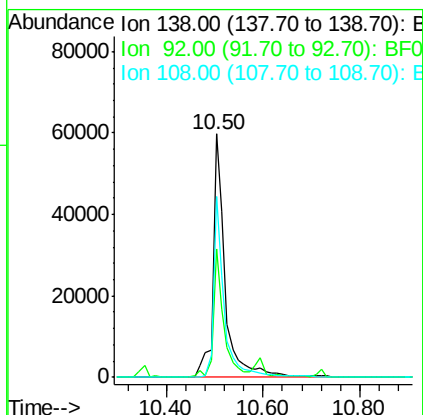
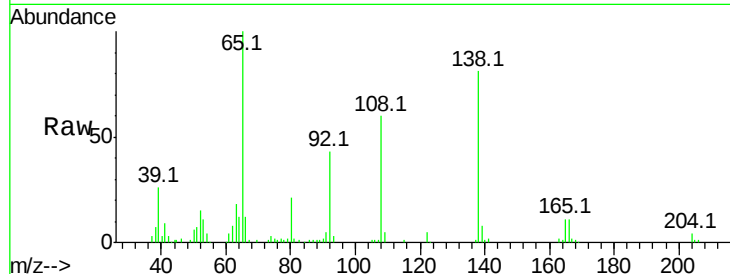
#61
4-Nitroaniline
Concen: 37.78 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.0	12.6	52.6#
108	74.3	12.4	52.4#

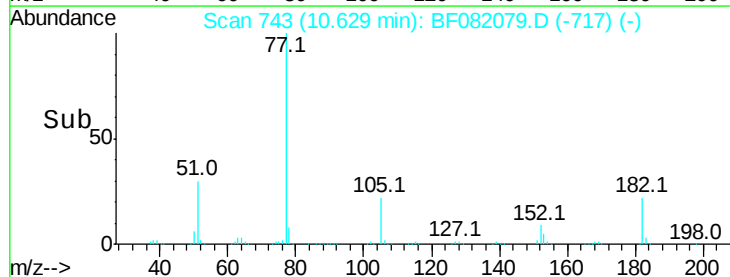
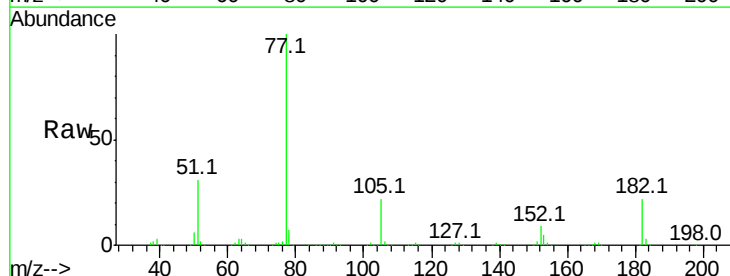
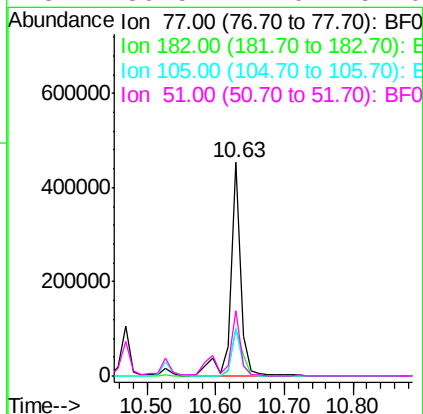
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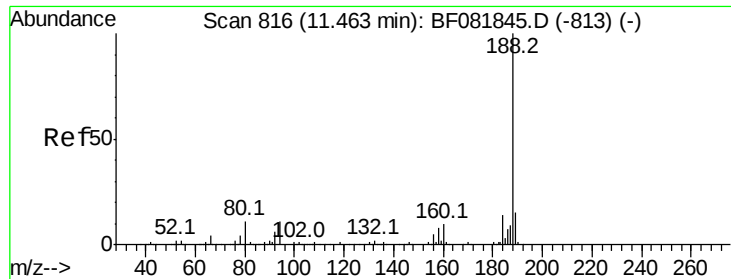
mmdadoda
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#62
Azobenzene
Concen: 45.91 ng
RT: 10.63 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	15.1	55.1
105	22.2	3.4	43.4
51	30.5	12.0	52.0





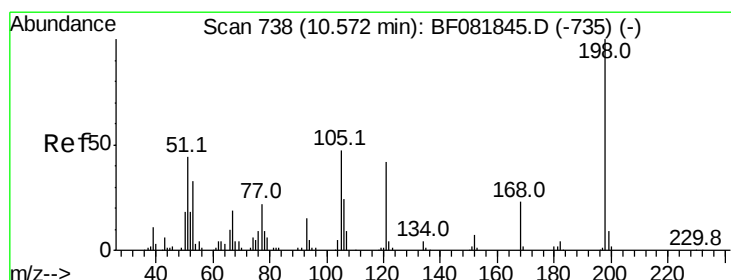
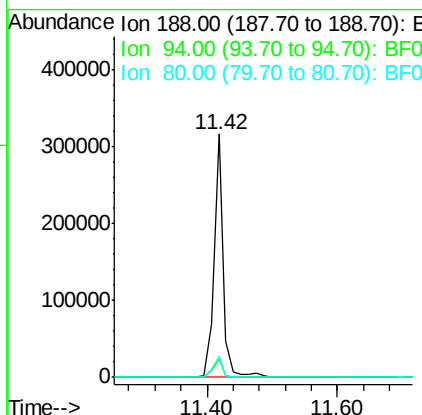
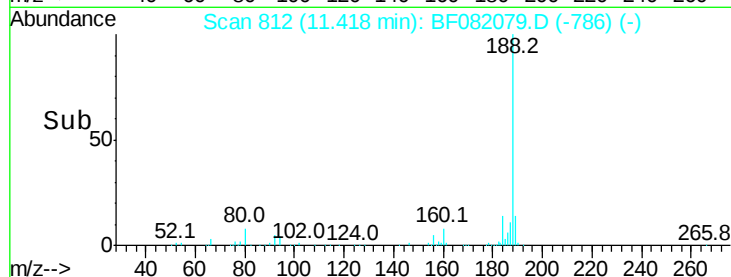
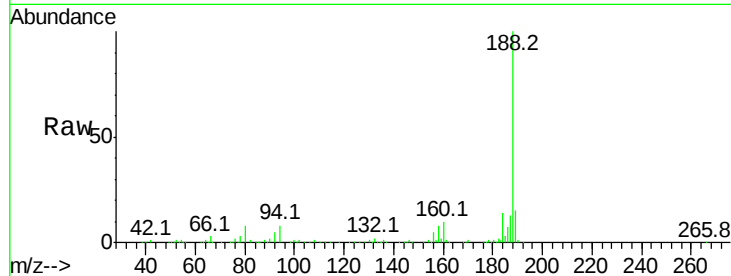
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.7	11.1	16.7#	
80	8.4	11.0	16.4#	

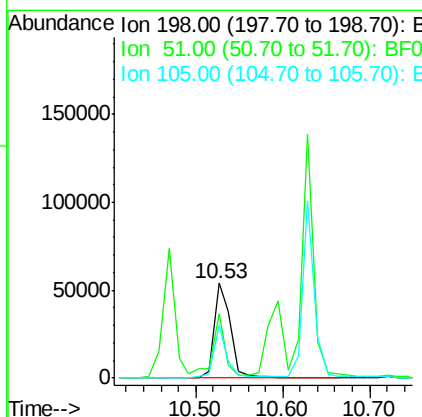
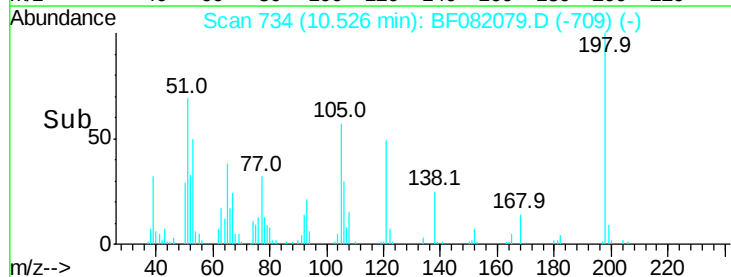
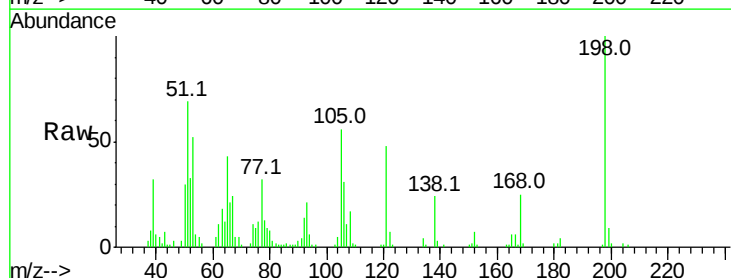
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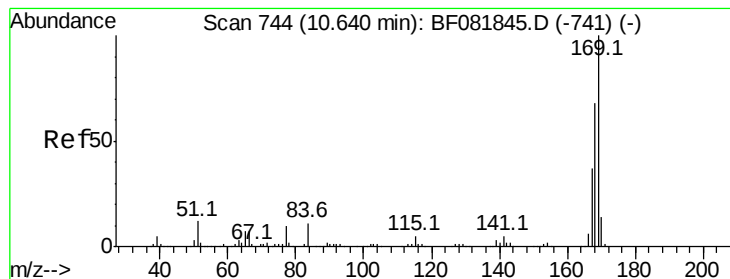
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.04 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	68.5	39.6	79.6	
105	56.2	28.5	68.5	





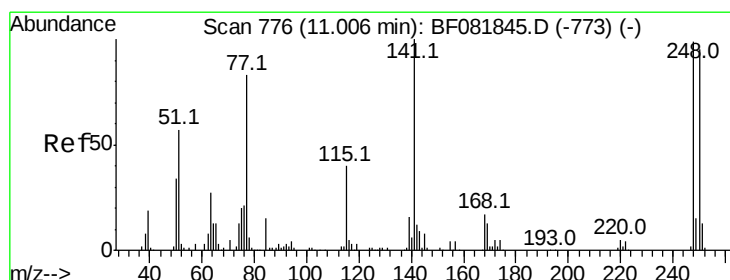
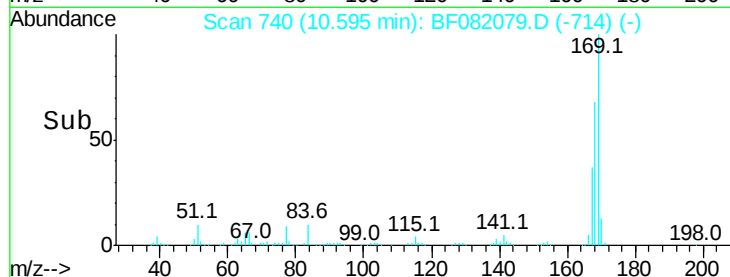
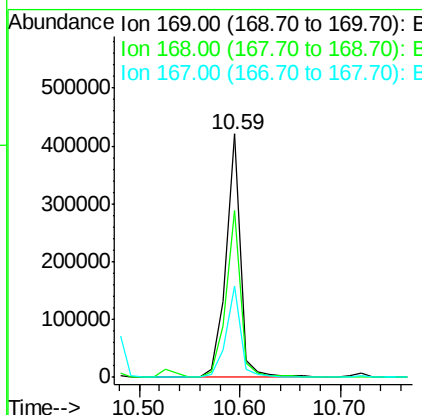
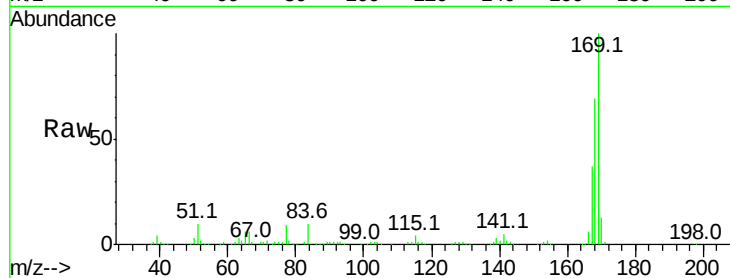
#65
n-Nitrosodiphenylamine
Concen: 44.55 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	425630		
168	68.8	48.9	73.3	
167	37.4	26.2	39.4	

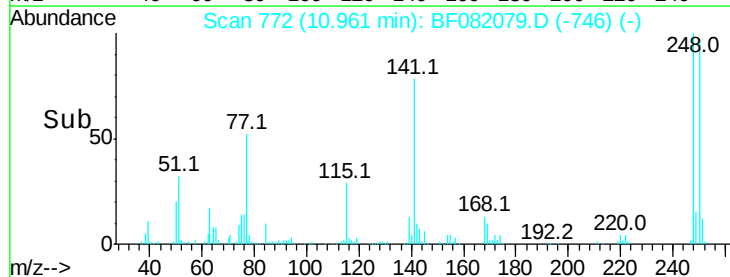
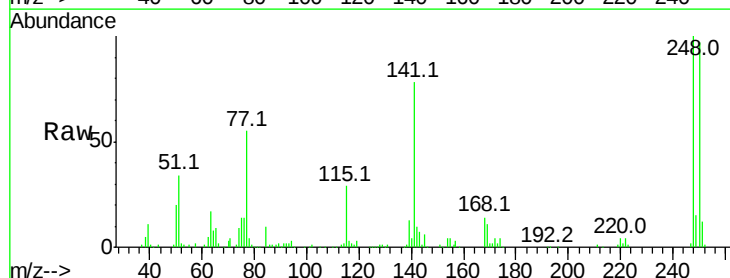
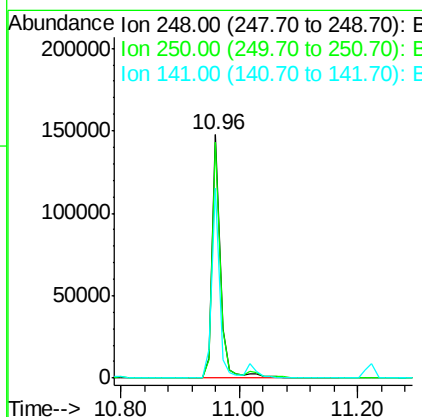
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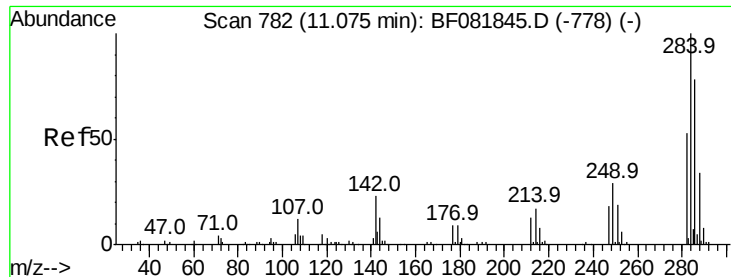
mmdadoda
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#66
4-Bromophenyl-phenylether
Concen: 45.28 ng
RT: 10.96 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	144187		
250	97.0	78.5	117.7	
141	78.2	59.0	88.6	





#67

Hexachlorobenzene

Concen: 42.12 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

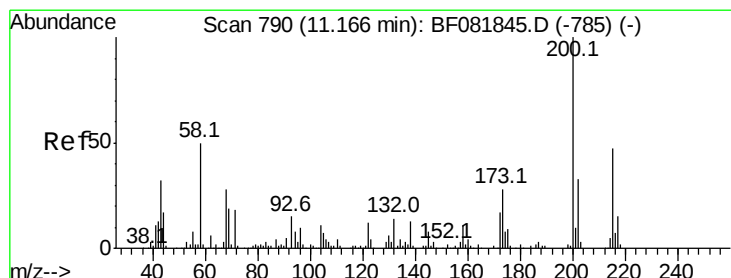
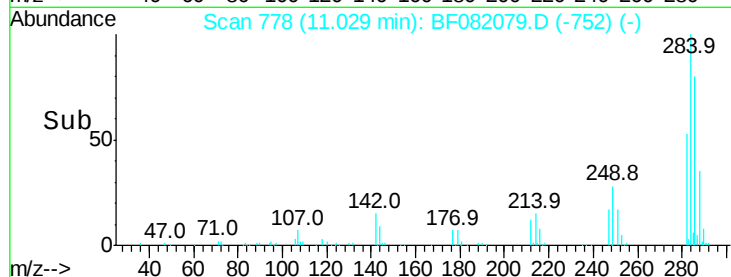
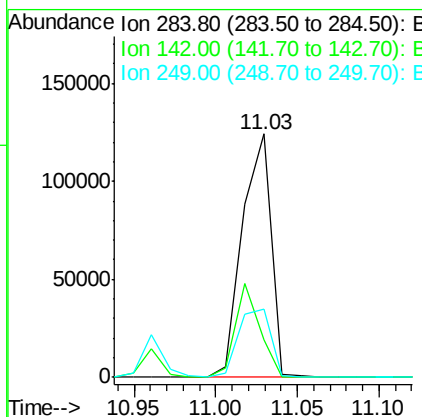
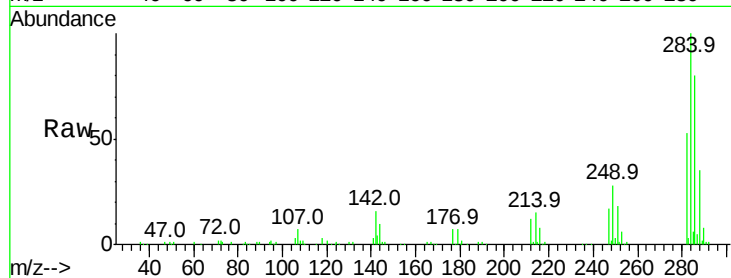
ClientSampleId :

PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	15.7	29.5	44.3#	
249	28.2	19.5	29.3	

Manual Integrations
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#68

Atrazine

Concen: 47.85 ng

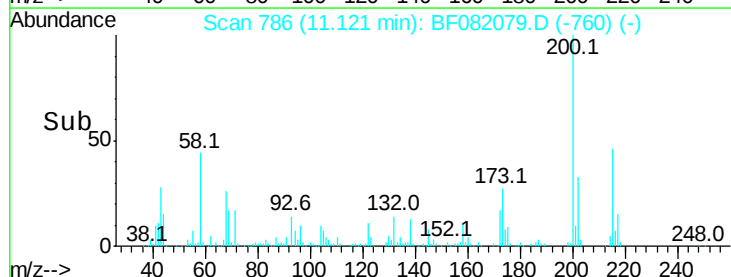
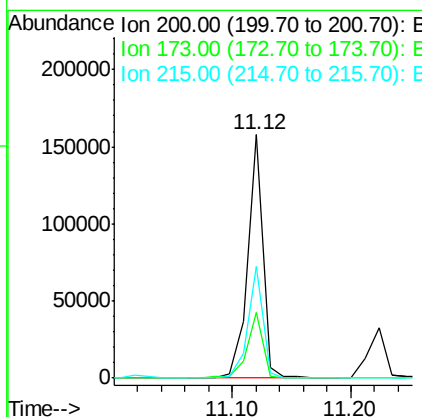
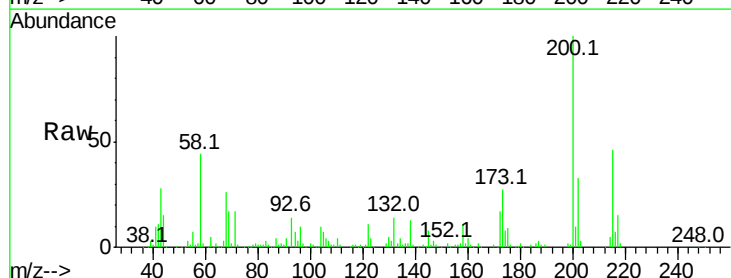
RT: 11.12 min Scan# 786

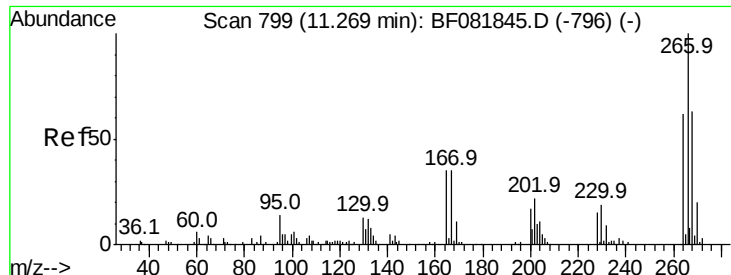
Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.0	13.2	53.2	
215	46.1	41.8	81.8	





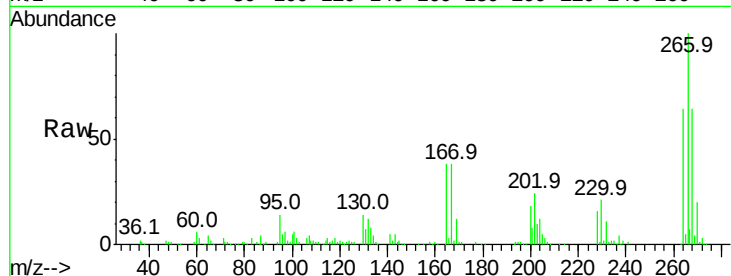
#69
 Pentachlorophenol
 Concen: 85.05 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

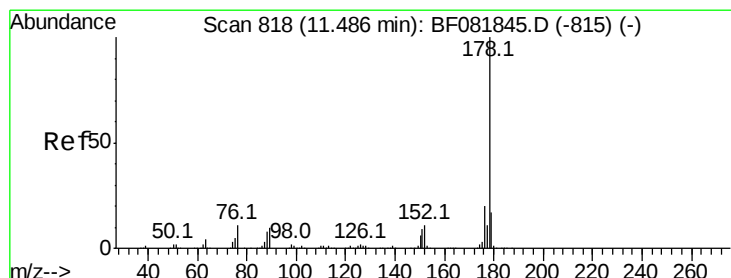
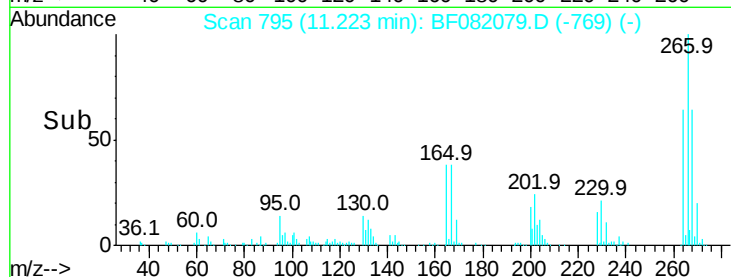
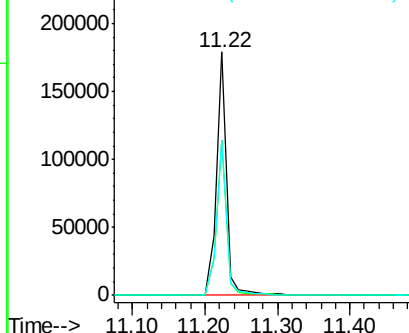
Tot Ion	Ratio	Resp	Lower	Upper
266	100	174148		
268	64.0	49.8	74.6	
264	63.9	50.2	75.2	

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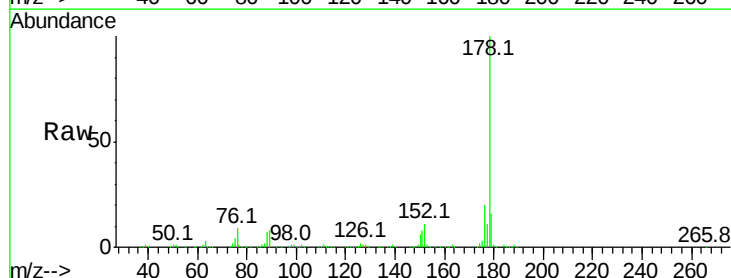


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

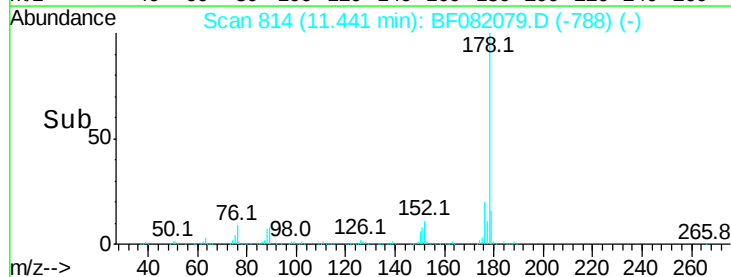
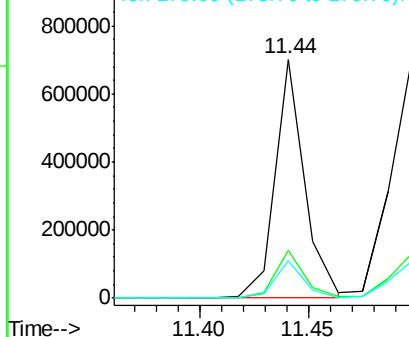


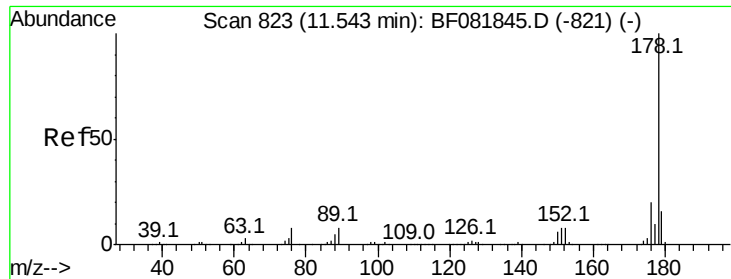
#70
 Phenanthrene
 Concen: 43.57 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	662929		
176	20.0	13.8	20.8	
179	15.9	12.2	18.2	



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





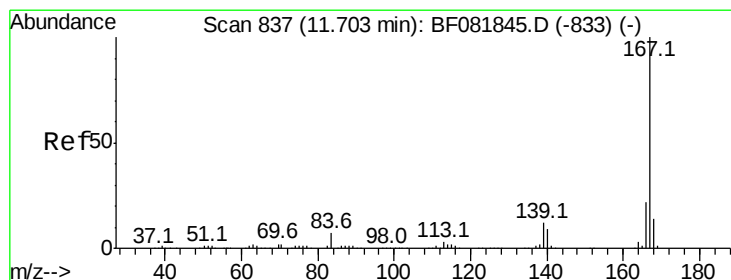
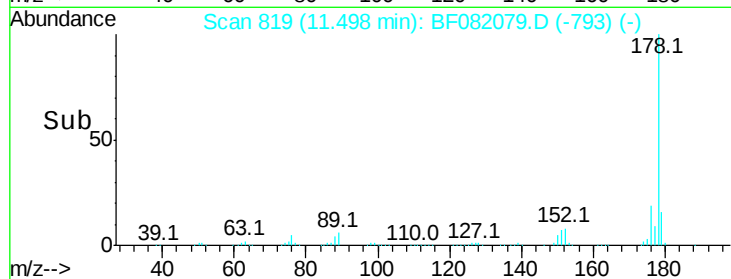
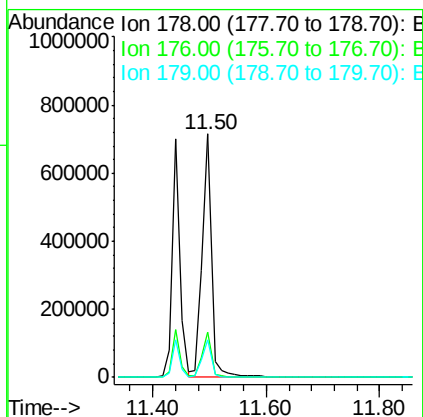
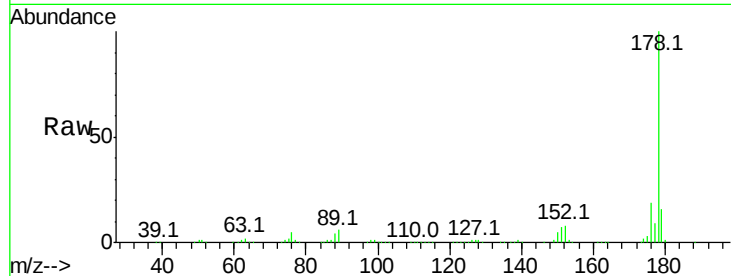
#71
 Anthracene
 Concen: 49.78 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.1	21.1
179	15.6	12.2	18.2

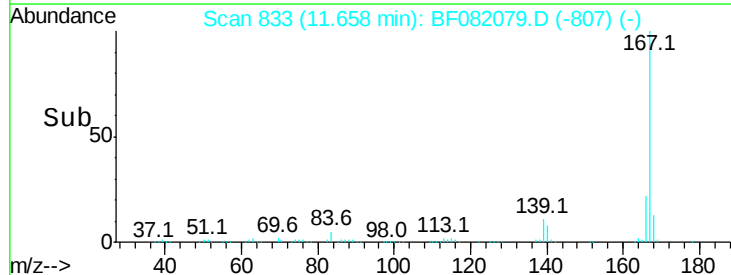
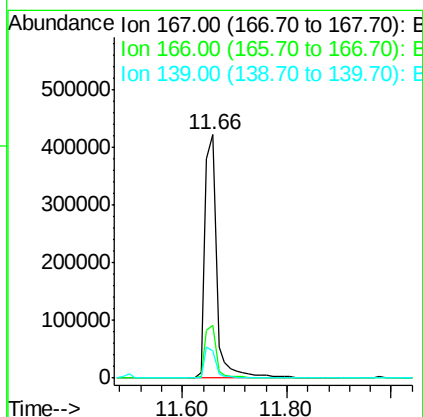
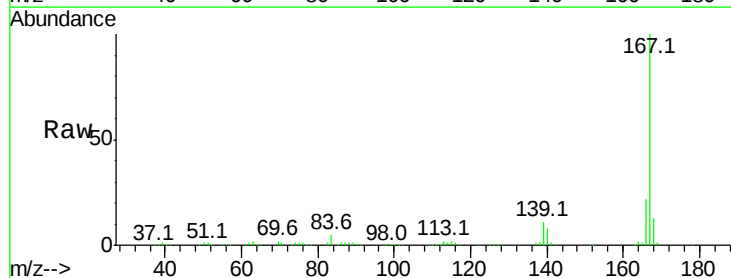
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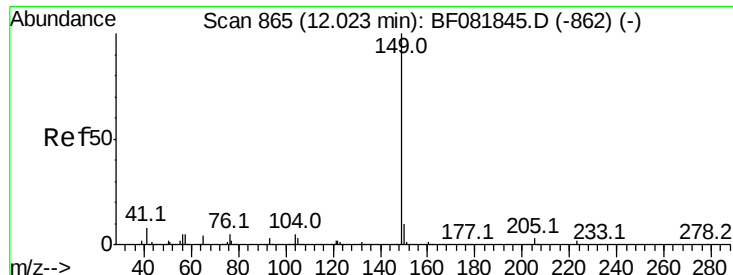
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#72
 Carbazole
 Concen: 46.10 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	15.7	23.5
139	11.3	9.5	14.3





#73

Di-n-butylphthalate

Concen: 53.96 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

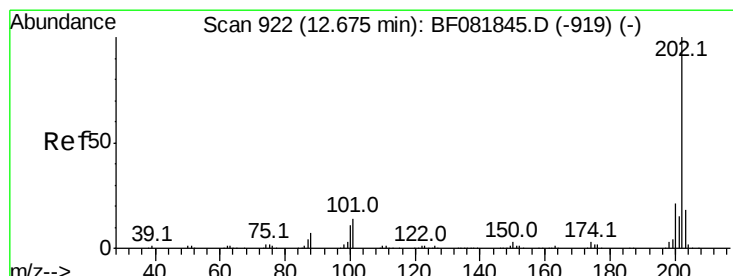
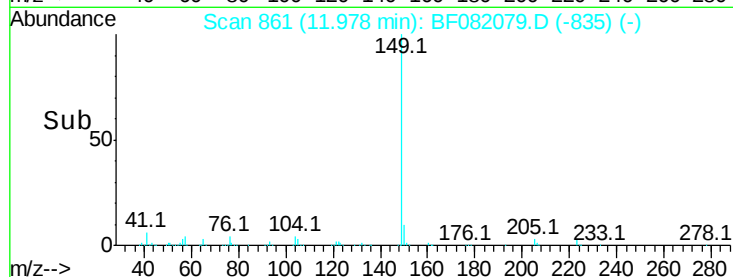
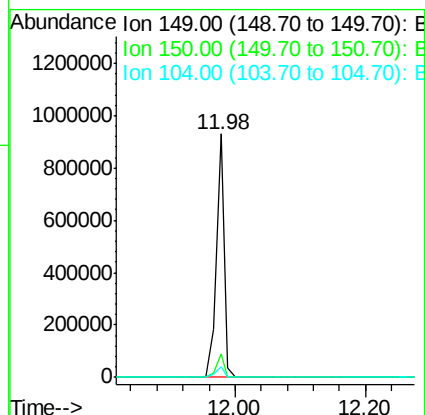
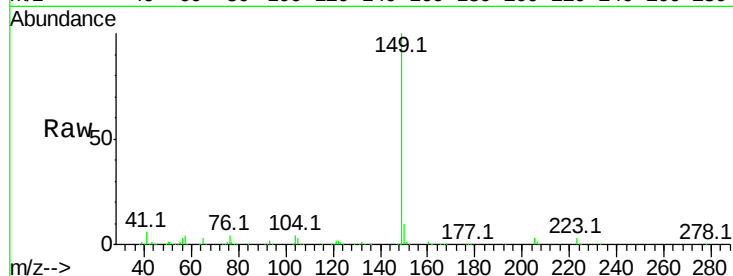
ClientSampleId :

PB85739BS

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Tot Ion:	149	Resp:	794499
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	4.5	2.4	3.6#



#74

Fluoranthene

Concen: 43.57 ng

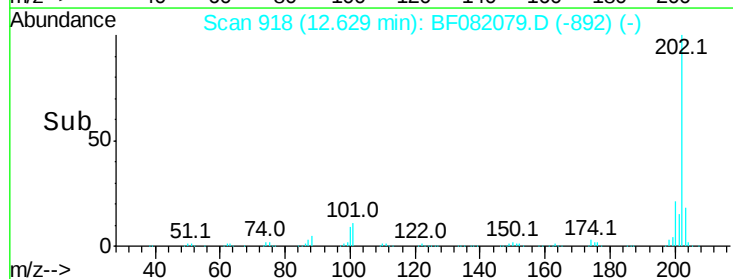
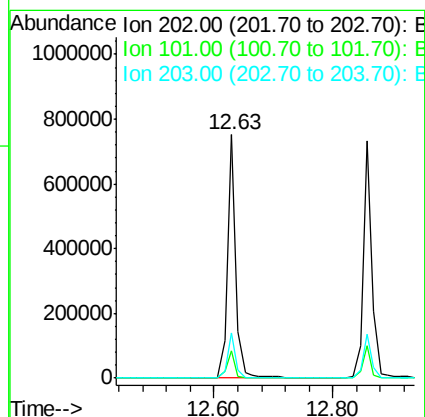
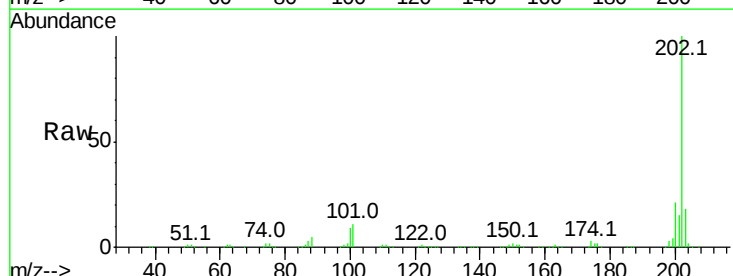
RT: 12.63 min Scan# 918

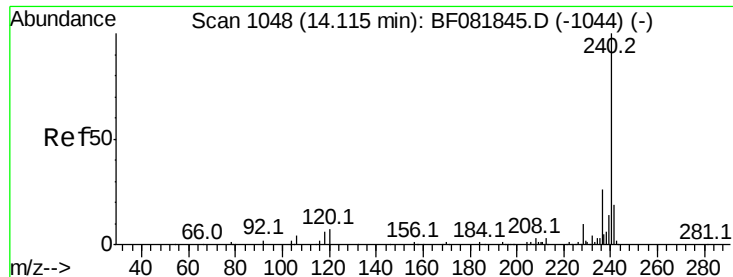
Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion:	202	Resp:	737147
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	38.3
203	18.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

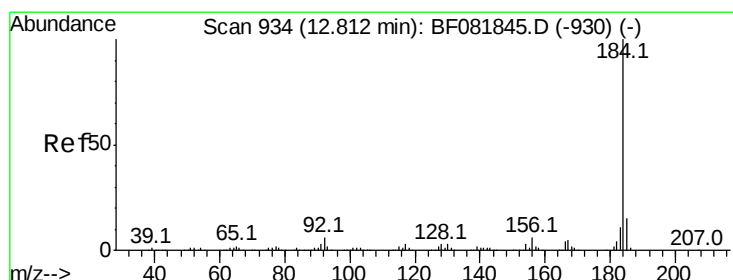
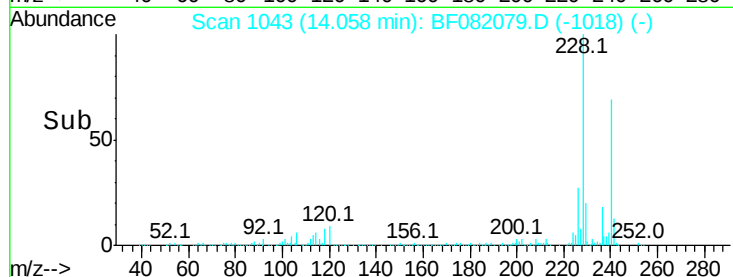
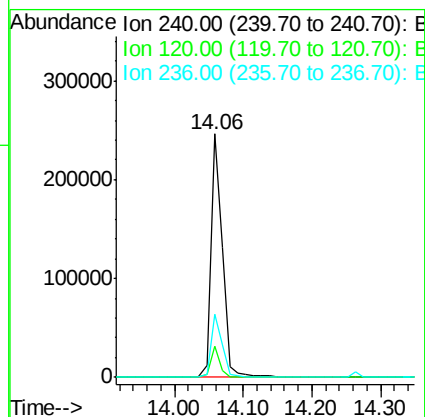
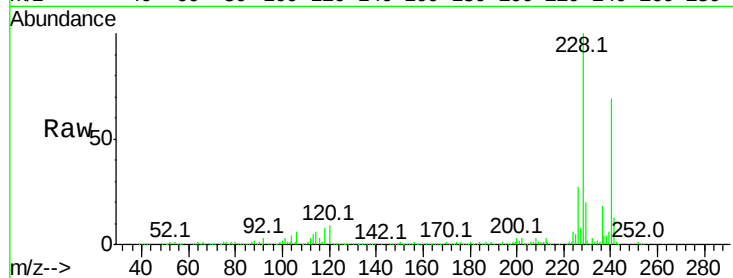
ClientSampleId :

PB85739BS

Tot Ion:	240	Resp:	285699
Ion Ratio	Lower	Upper	
240	100		
120	13.0	16.2	24.2#
236	26.0	18.4	27.6

Manual Integrations
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#76

Benzidine

Concen: 19.45 ng

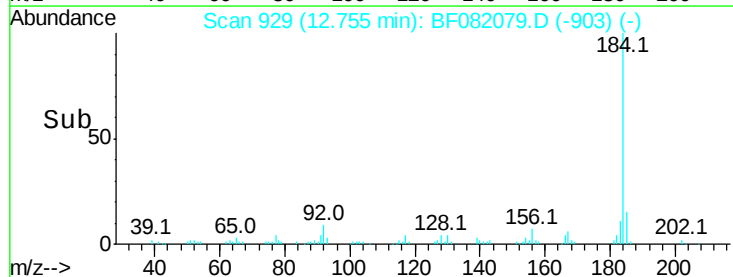
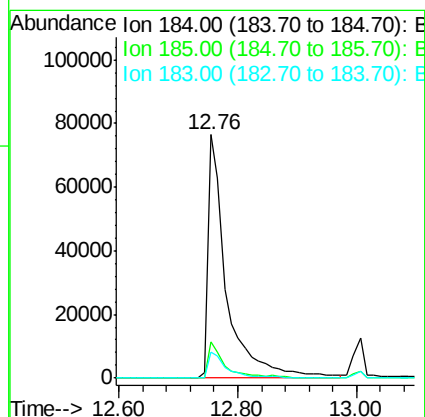
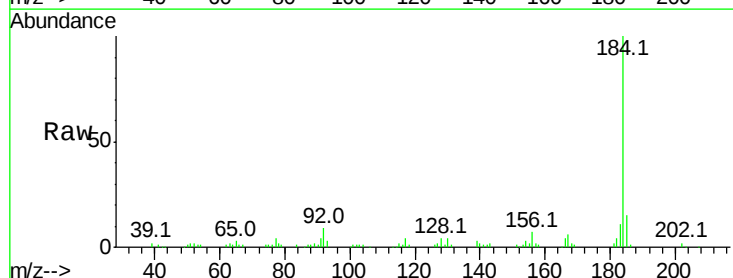
RT: 12.76 min Scan# 929

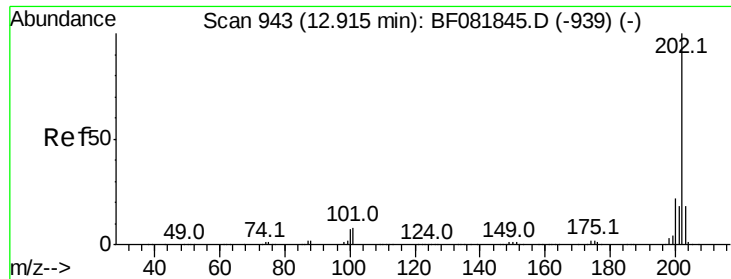
Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion:	184	Resp:	167453
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.6
183	10.8	7.6	11.4





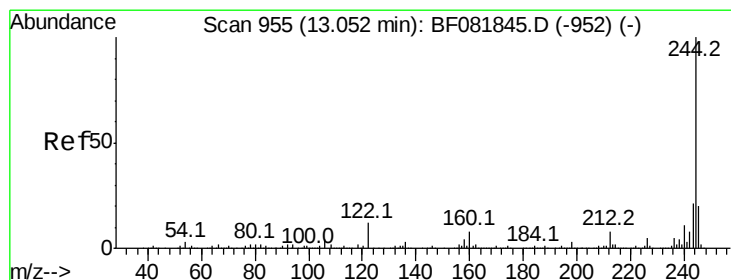
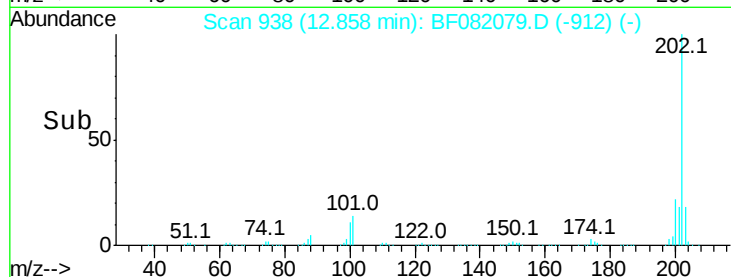
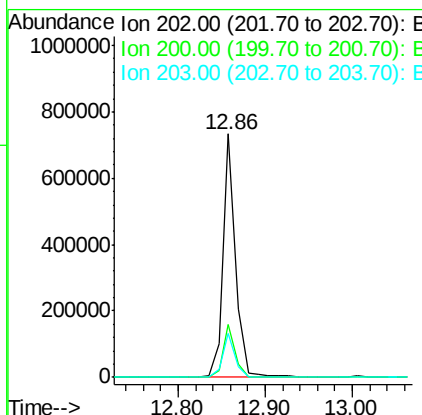
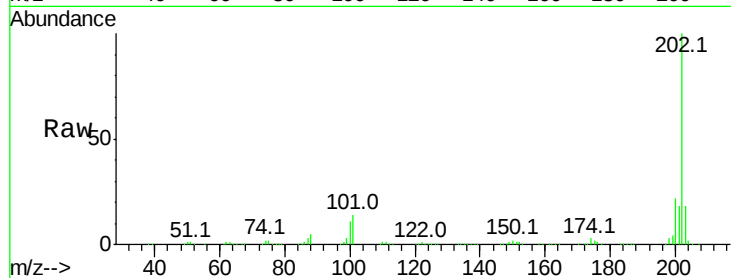
#77
Pvrene
Concen: 43.25 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	15.0	22.4
203	18.3	14.1	21.1

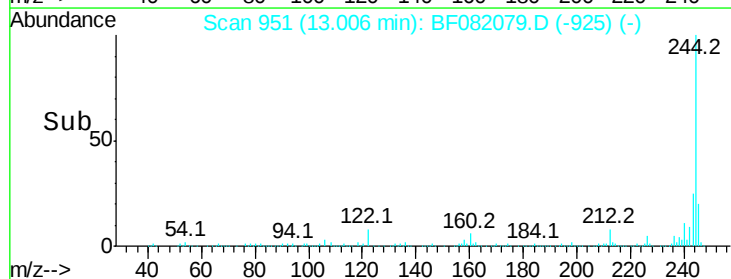
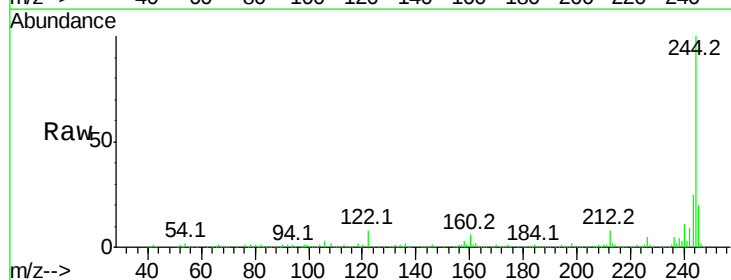
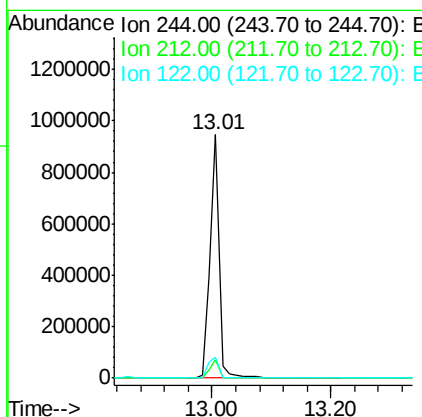
Manual Integrations
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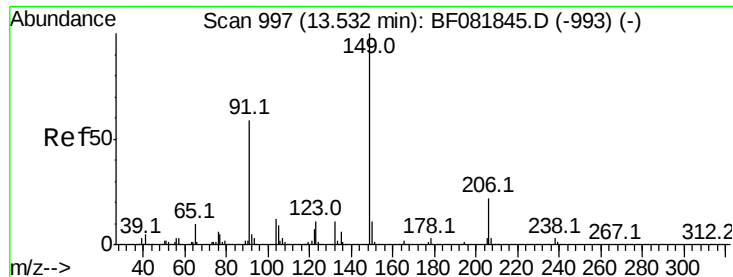
mmdadoda
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#78
Terphenyl-d14
Concen: 134.08 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	8.4	17.4	26.2#





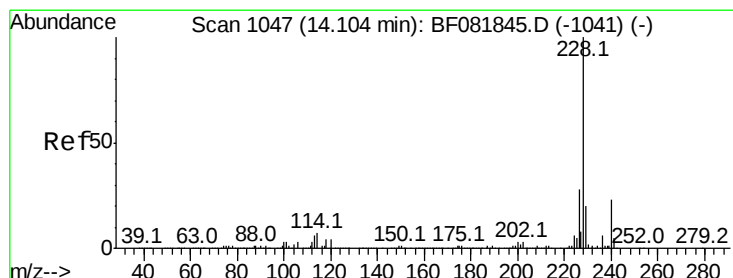
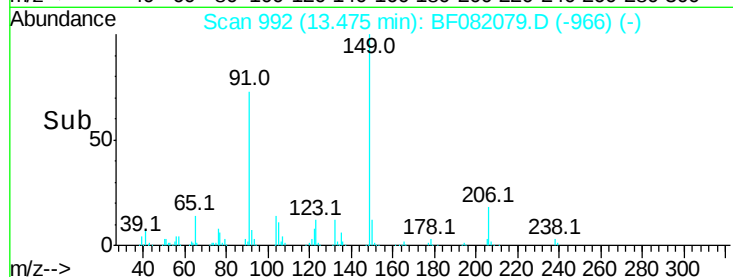
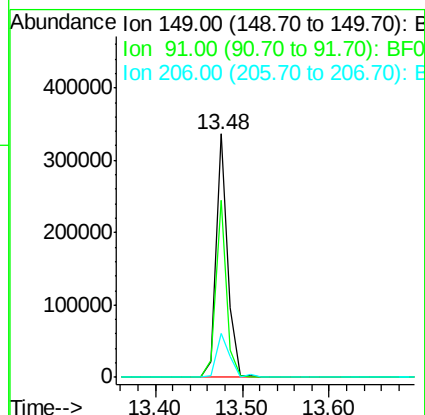
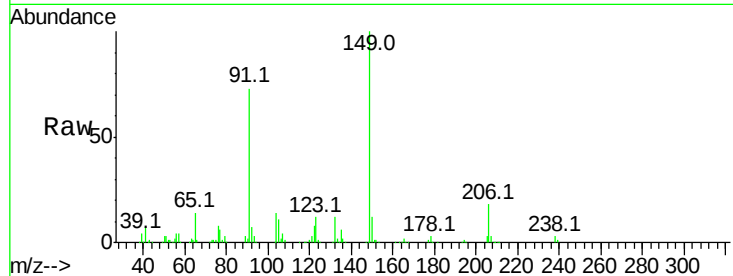
#79
Butylbenzylphthalate
Concen: 49.39 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
Client Sample ID :
PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	317185		
91	72.7	48.6	72.8	
206	18.1	14.9	22.3	

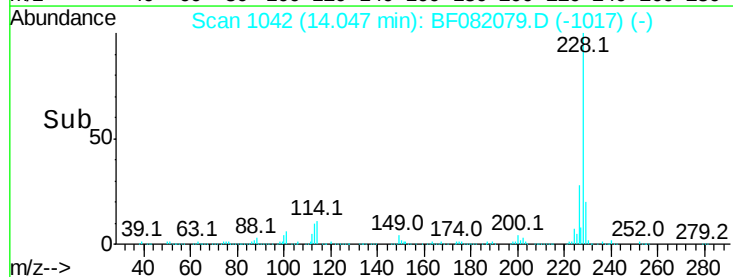
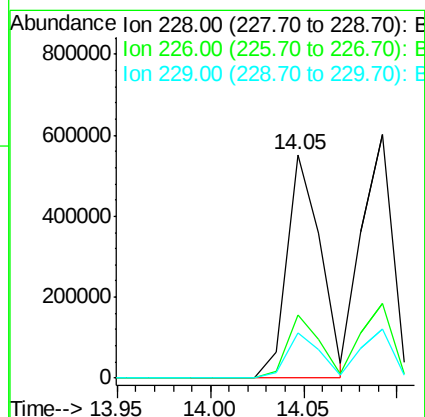
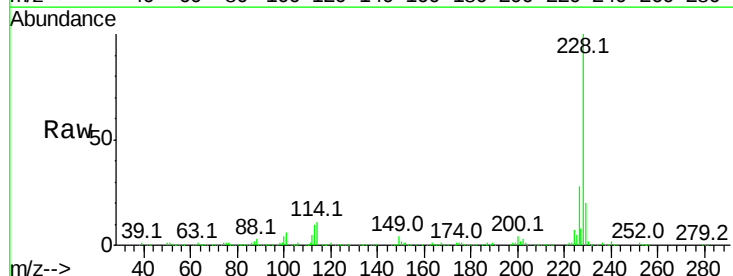
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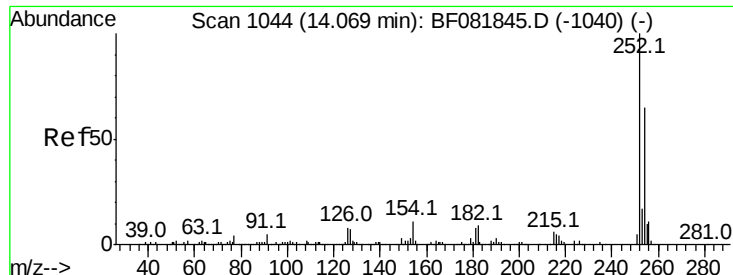
mmdadoda
10/7/2015 4:51:40 PM



#80
Benzo(a)anthracene
Concen: 45.10 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	693864		
226	28.2	20.0	30.0	
229	20.2	15.4	23.2	





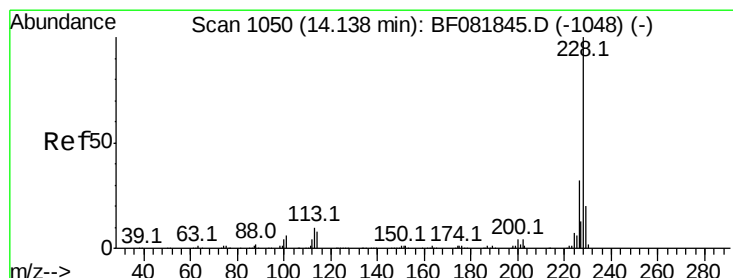
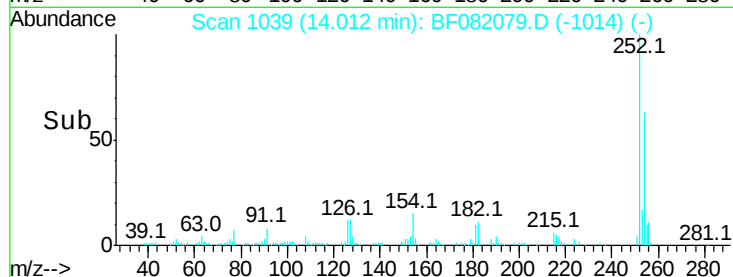
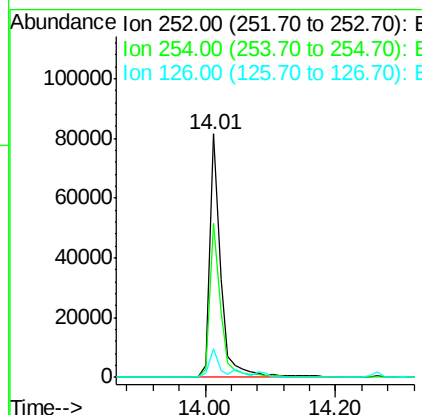
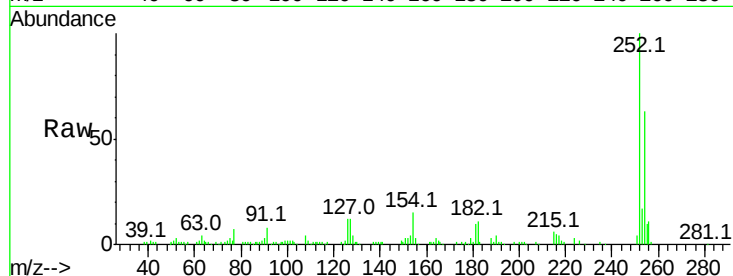
#81
 3,3'-Dichlorobenzidine
 Concen: 18.54 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	51.4	77.2
126	11.7	16.4	24.6

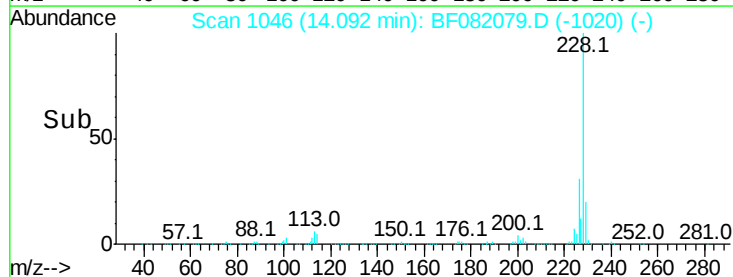
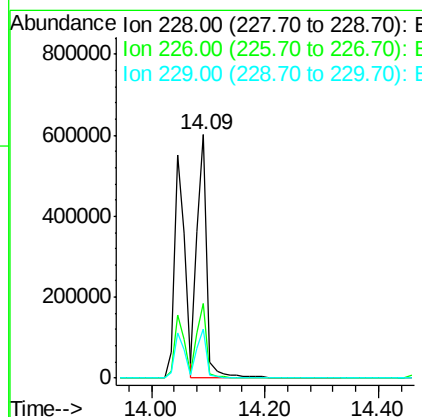
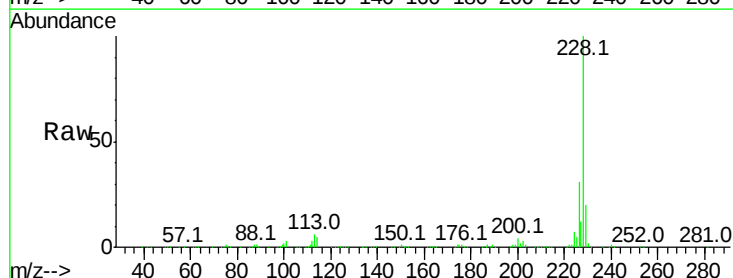
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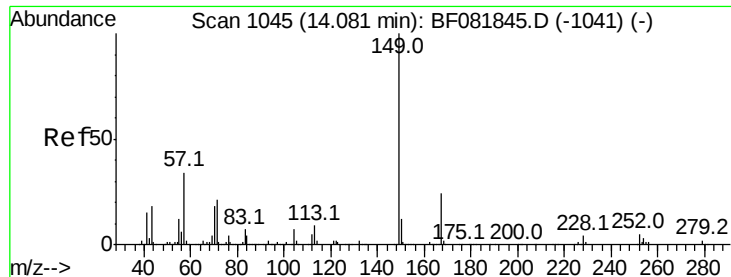
mmdadoda
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#82
 Chrysene
 Concen: Below Cal
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	21.0	31.4
229	19.9	15.6	23.4





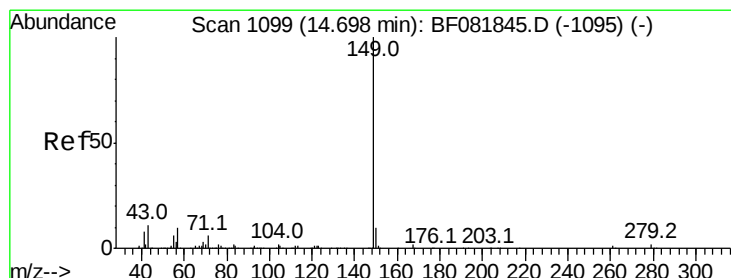
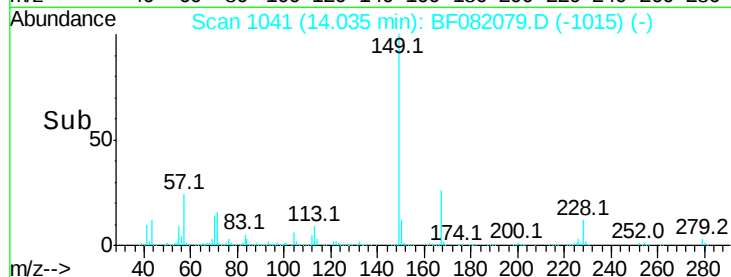
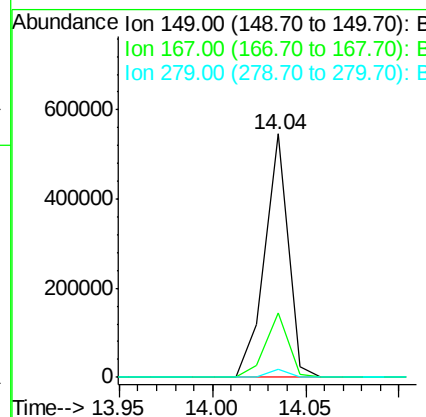
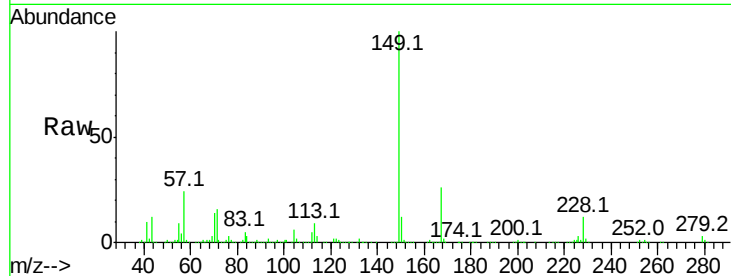
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.97 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.5	24.2	36.2
279	3.3	3.8	5.6#

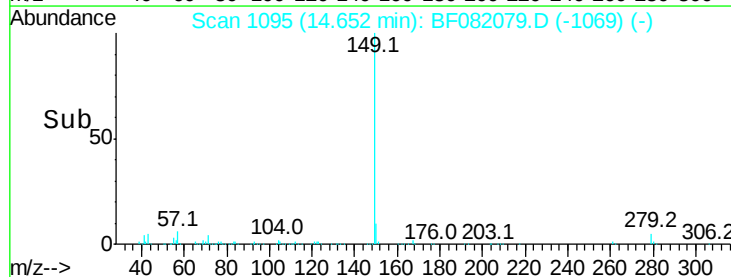
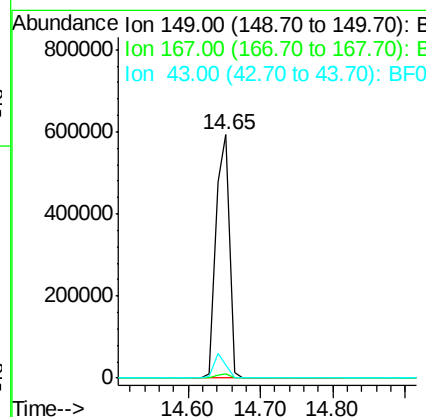
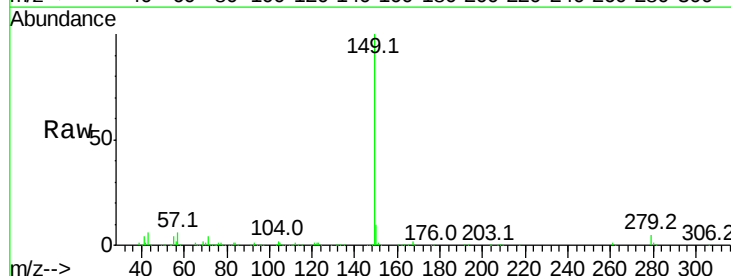
Manual Integrations
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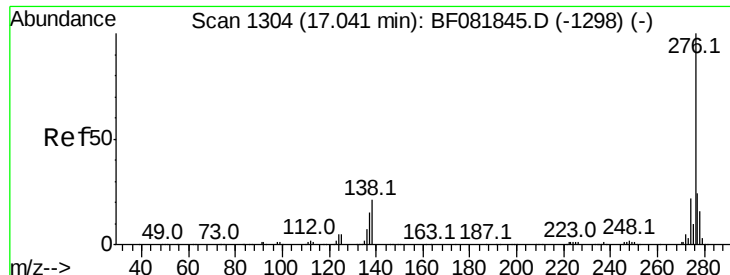
mmdadoda
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#84
 Di-n-octyl phthalate
 Concen: 57.83 ng
 RT: 14.65 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF082079.D
 Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.0	1.6#
43	8.5	10.2	15.2#





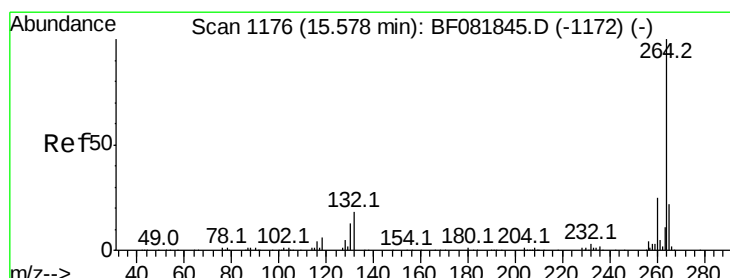
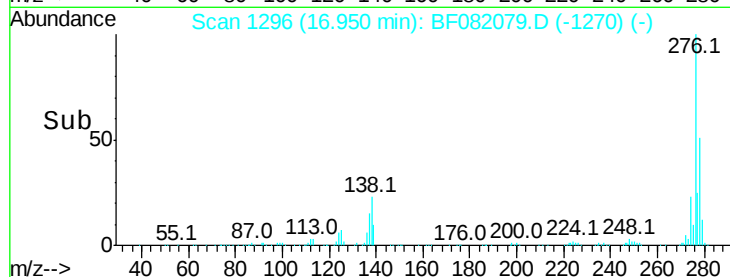
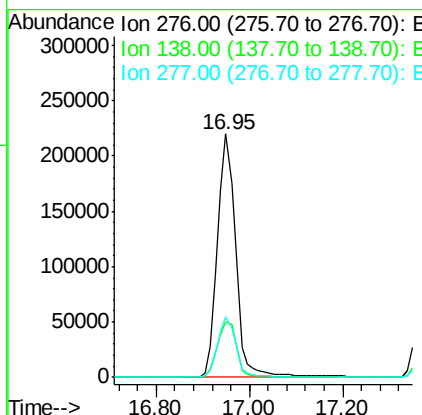
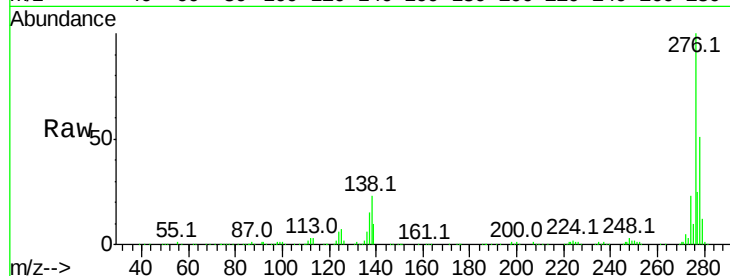
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.85 ng
RT: 16.95 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Instrument :
BNA_F
ClientSampleId :
PB85739BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.7	38.5#
277	25.2	15.6	23.4#

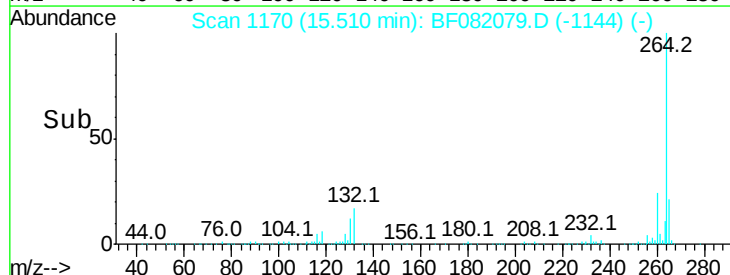
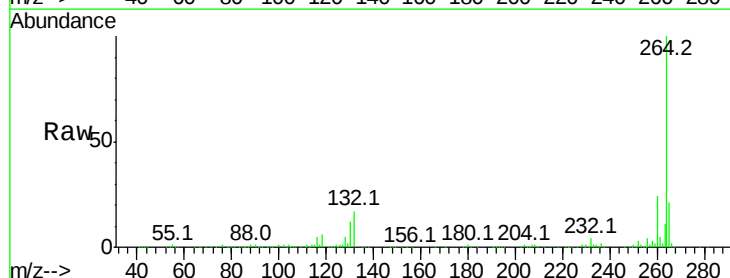
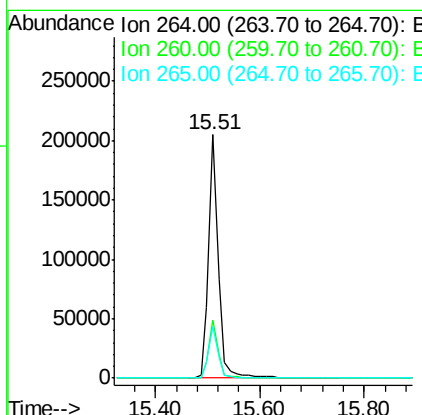
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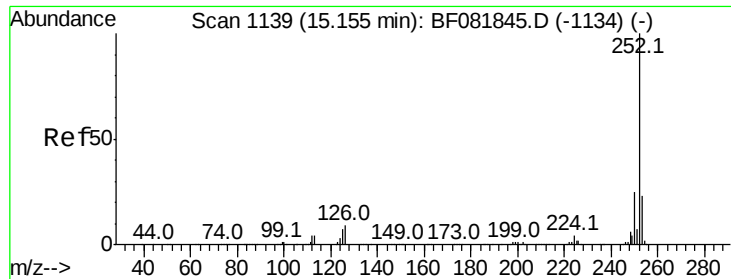
mmdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082079.D
Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.46 ng m

RT: 15.09 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

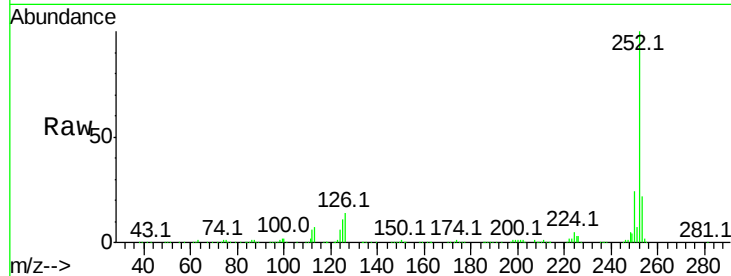
ClientSampleId :

PB85739BS

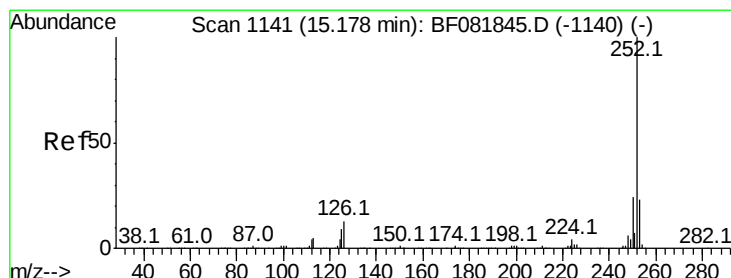
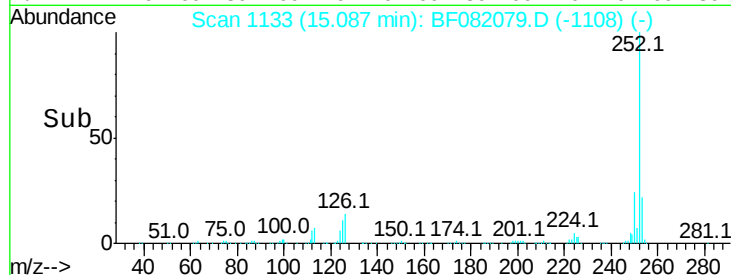
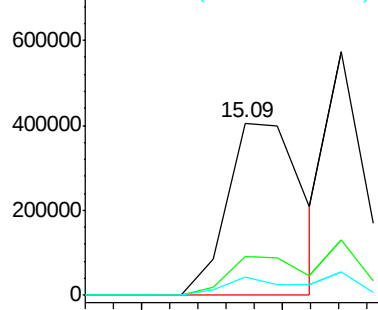
Tot Ion:	252	Resp:	753235
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	10.9	17.1	25.7#

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



#88

Benzo(k)fluoranthene

Concen: 39.82 ng m

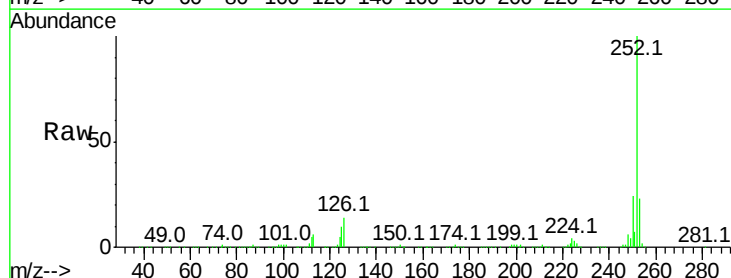
RT: 15.12 min Scan# 1136

Delta R.T. -0.00 min

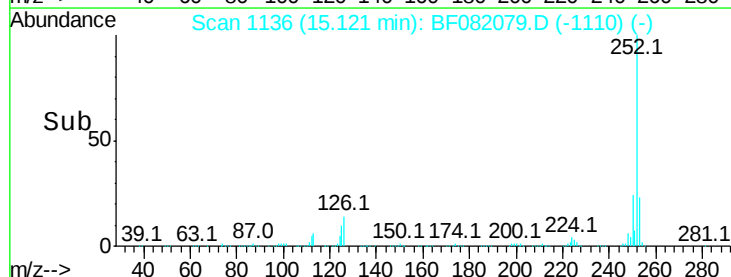
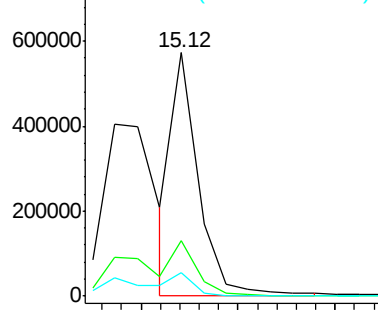
Lab File: BF082079.D

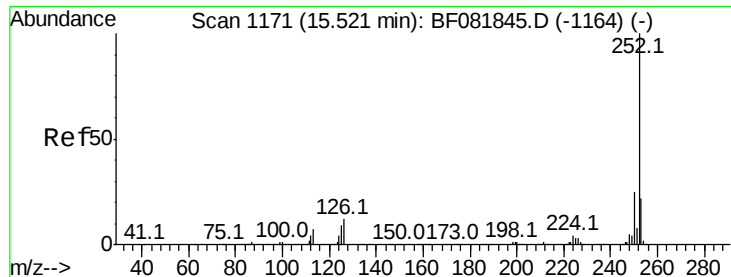
Acq: 6 Oct 2015 12:34

Tgt Ion:	252	Resp:	555825
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.4
125	9.6	16.0	24.0#



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





#89

Benzo(a)pyrene

Concen: 48.10 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

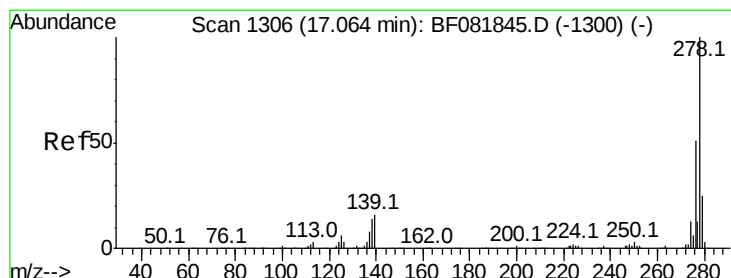
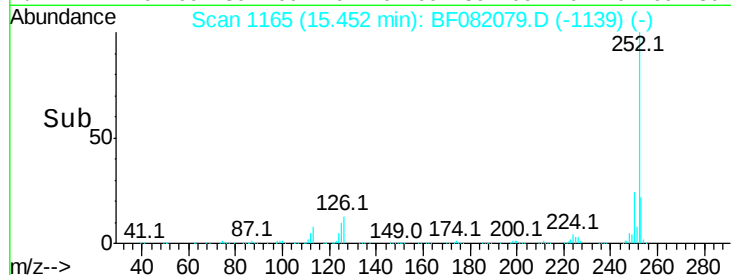
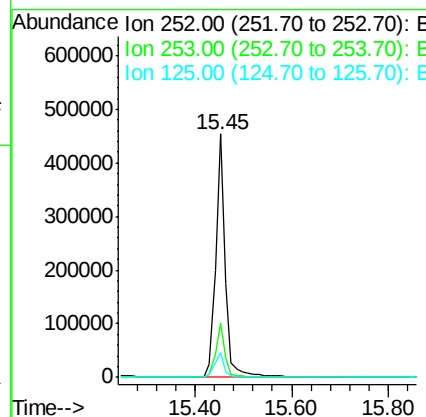
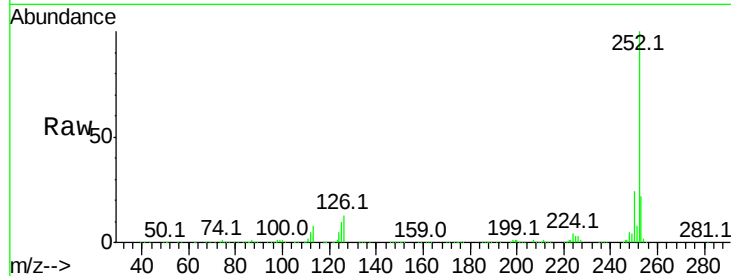
ClientSampleId :

PB85739BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	17.2	25.8	
125	10.2	18.0	27.0	

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#90

Dibenzo(a,h)anthracene

Concen: 45.16 ng

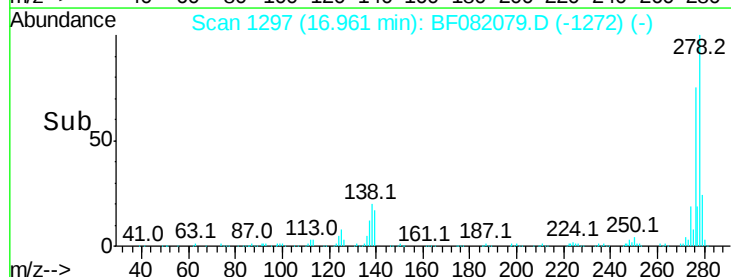
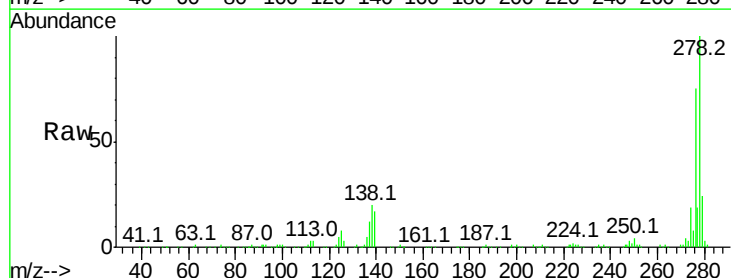
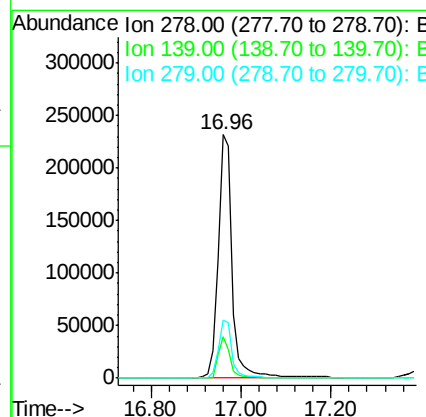
RT: 16.96 min Scan# 1297

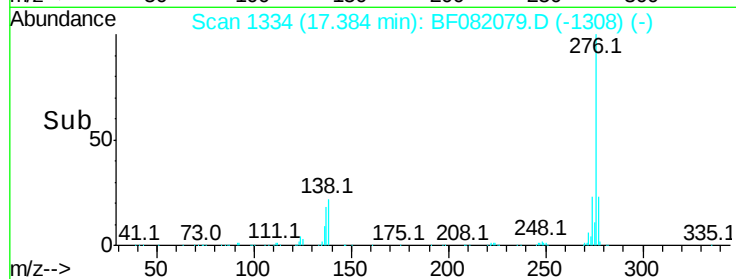
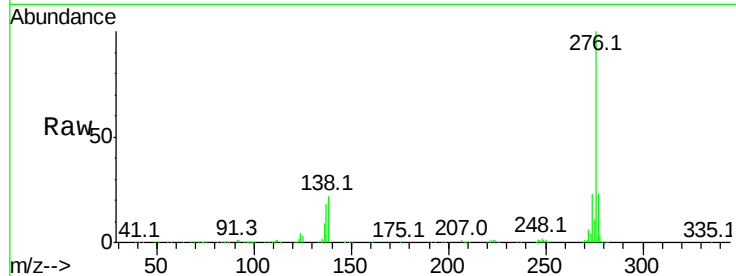
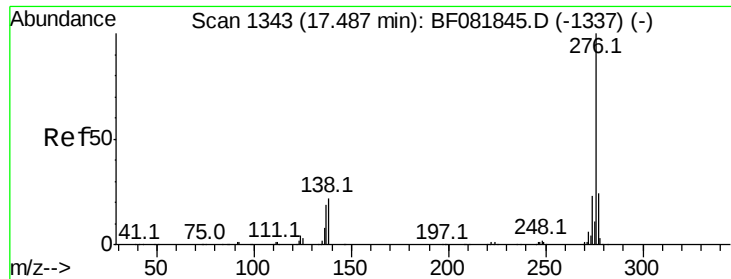
Delta R.T. -0.01 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	17.2	26.3	39.5	
279	24.1	18.2	27.4	





#91

Benzo(a,h,i)perylene

Concen: 42.55 ng

RT: 17.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF082079.D

Acq: 6 Oct 2015 12:34

Instrument :

BNA_F

ClientSampleId :

PB85739BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.8	26.6
138	22.0	34.6	51.8#

Manual Integrations
APPROVED

mmdadoda
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