

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082073.D
 Acq On : 6 Oct 2015 5:31
 Operator : UM/IZ
 Sample : G3891-20MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

Manual Integrations
 APPROVED

MMDadoda
 10/6/2015 5:54:24 PM

Quant Time: Oct 06 14:02:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	96600	20.00	ng	0.01
21) Naphthalene-d8	8.18	136	289716	20.00	ng	0.01
38) Acenaphthene-d10	9.94	164	123217	20.00	ng	0.01
63) Phenanthrene-d10	11.43	188	203664	20.00	ng	0.01
75) Chrysene-d12	14.09	240	150875	20.00	ng	0.03
86) Perylene-d12	15.57	264	118724	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	700836	131.70	ng	0.02
7) Phenol-d6	6.54	99	880668	131.52	ng	0.02
23) Nitrobenzene-d5	7.46	82	464576	106.89	ng	0.01
41) 2,4,6-Tribromophenol	10.74	330	178791	143.27	ng	0.02
44) 2-Fluorobiphenyl	9.27	172	888398	136.17	ng	0.02
78) Terphenyl-d14	13.03	244	665197	-20.00	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	85947	37.14	ng	84
3) Pyridine	3.30	79	224576	37.27	ng	# 84
4) n-Nitrosodimethylamine	3.26	42	102281	37.38	ng	98
6) Aniline	6.58	93	119495	13.28	ng	# 86
8) 2-Chlorophenol	6.69	128	230785	39.27	ng	93
9) Benzaldehyde	6.43	77	57970	13.22	ng	# 70
10) Phenol	6.55	94	327727	43.63	ng	70
11) bis(2-Chloroethyl)ether	6.63	93	241177	41.40	ng	95
12) 1,3-Dichlorobenzene	6.83	146	277354	39.96	ng	# 96
13) 1,4-Dichlorobenzene	6.91	146	271598	37.47	ng	# 96
14) 1,2-Dichlorobenzene	7.06	146	241394m	37.38	ng	
15) Benzyl Alcohol	7.04	79	181584	37.57	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.18	45	322937	39.22	ng	75
17) 2-Methylphenol	7.15	107	182590	38.32	ng	# 80
18) Hexachloroethane	7.41	117	80099	35.30	ng	# 74
19) n-Nitroso-di-n-propylamine	7.31	70	193197	47.47	ng	# 71
20) 3+4-Methylphenols	7.31	107	225922	37.54	ng	# 62
22) Acetophenone	7.30	105	323639	54.64	ng	# 73
24) Nitrobenzene	7.49	77	255871	54.22	ng	# 76
25) Isophorone	7.73	82	474778	55.12	ng	# 91
26) 2-Nitrophenol	7.79	139	81599	36.02	ng	# 20
27) 2,4-Dimethylphenol	7.84	122	214446	53.81	ng	# 71
28) bis(2-Chloroethoxy)methane	7.93	93	271251	53.03	ng	# 84
29) 2,4-Dichlorophenol	8.05	162	198807	51.45	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	194757	45.14	ng	99
31) Naphthalene	8.21	128	579297	45.13	ng	# 94
32) Benzoic acid	7.95	122	77868	35.01	ng	# 31
33) 4-Chloroaniline	8.26	127	56091	10.10	ng	# 66
34) Hexachlorobutadiene	8.32	225	132771	52.04	ng	99
35) Caprolactam	8.61	113	99452m	92.96	ng	
36) 4-Chloro-3-methylphenol	8.74	107	186872	49.46	ng	# 72
37) 2-Methylnaphthalene	8.90	142	390687	44.58	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	171881	45.44	ng	# 95
40) Hexachlorocyclopentadiene	9.05	237	38743	19.89	ng	98

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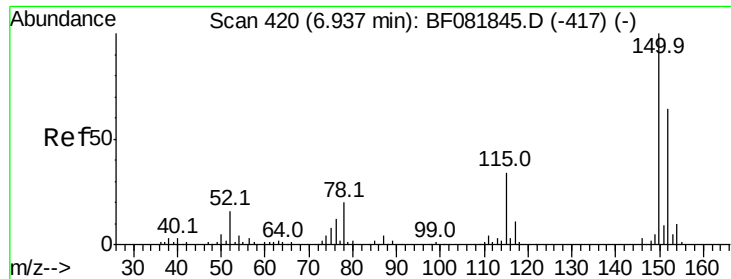
Manual Integrations
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Quant Time: Oct 06 14:02:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	108444	41.82	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	110997	41.62	nq #	64
45) 1,1'-Biphenyl	9.37	154	457134	48.09	nq	94
46) 2-Chloronaphthalene	9.39	162	332253	44.51	nq	92
47) 2-Nitroaniline	9.49	65	103691	47.32	nq #	69
48) Acenaphthylene	9.81	152	496047	41.52	nq #	91
49) Dimethylphthalate	9.67	163	542467	63.78	nq #	98
50) 2,6-Dinitrotoluene	9.74	165	71337	38.63	nq #	82
51) Acenaphthene	9.98	154	283518	39.97	nq	88
52) 3-Nitroaniline	9.90	138	74702	34.97	nq #	64
53) 2,4-Dinitrophenol	10.01	184	9969	21.55	nq #	5
54) Dibenzofuran	10.15	168	425803	42.47	nq #	82
55) 4-Nitrophenol	10.07	139	108672	70.40	nq #	27
56) 2,4-Dinitrotoluene	10.14	165	84487	35.89	nq	88
57) Fluorene	10.49	166	330034	46.08	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.27	232	90587	42.82	nq #	93
59) Diethylphthalate	10.37	149	390137	49.11	nq	95
60) 4-Chlorophenyl-phenylether	10.49	204	170278	46.39	nq	93
61) 4-Nitroaniline	10.51	138	82547	38.54	nq #	36
62) Azobenzene	10.64	77	331665	42.78	nq	87
65) n-Nitrosodiphenylamine	10.61	169	362232	58.78	nq	95
66) 4-Bromophenyl-phenylether	10.97	248	100431	48.91	nq #	82
67) Hexachlorobenzene	11.04	284	99582	42.97	nq #	73
68) Atrazine	11.14	200	102906	53.82	nq	93
69) Pentachlorophenol	11.23	266	105312	79.75	nq	99
70) Phenanthrene	11.46	178	512894	52.61	nq	96
71) Anthracene	11.51	178	506991	48.98	nq	96
72) Carbazole	11.67	167	432971	46.21	nq #	94
73) Di-n-butylphthalate	11.99	149	523050	55.12	nq #	97
74) Fluoranthene	12.65	202	498249	45.67	nq	88
77) Pyrene	12.88	202	477878	53.02	nq	95
79) Butylbenzylphthalate	13.50	149	187226	55.20	nq #	83
80) Benzo(a)anthracene	14.08	228	359647	44.27	nq	92
81) 3,3'-Dichlorobenzidine	14.05	252	20707	7.55	nq #	88
82) Chrysene	14.12	228	383404m	Below	Cal	
83) Bis(2-ethylhexyl)phthalate	14.06	149	248271	58.36	nq #	94
84) Di-n-octyl phthalate	14.68	149	389863	56.31	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.02	276	306482	48.22	nq #	86
87) Benzo(b)fluoranthene	15.13	252	312836m	46.15	nq	
88) Benzo(k)fluoranthene	15.17	252	319251m	51.39	nq	
89) Benzo(a)pyrene	15.50	252	282767	48.09	nq	93
90) Dibenzo(a,h)anthracene	17.03	278	250113	50.70	nq #	80
91) Benzo(g,h,i)perylene	17.45	276	252429	49.93	nq #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

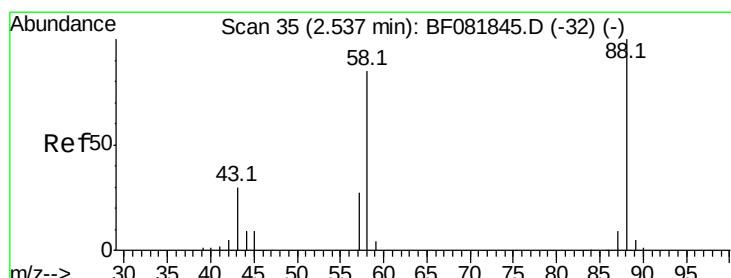
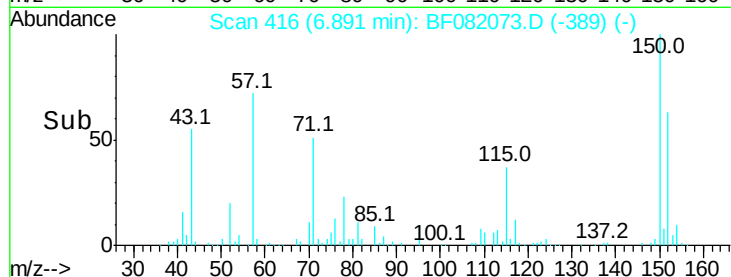
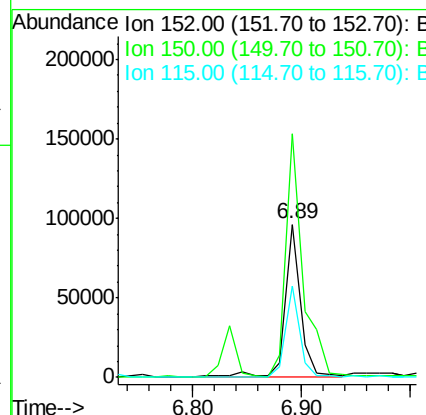
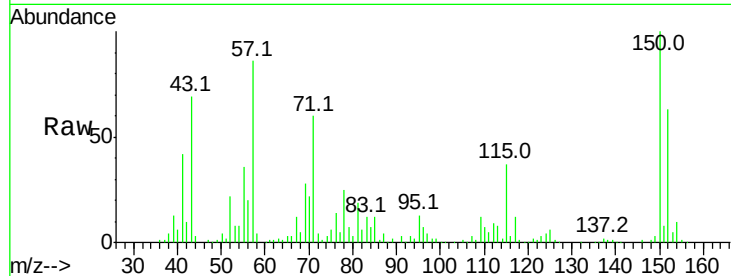
ClientSampleId :

SS-8(0-24)MS

Tot Ion:	152	Resp:	96600
Ion Ratio	Lower	Upper	
152	100		
150	159.0	124.7	187.1
115	59.5	39.0	58.4#

Manual Integrations
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#2

1,4-Dioxane

Concen: 37.14 ng

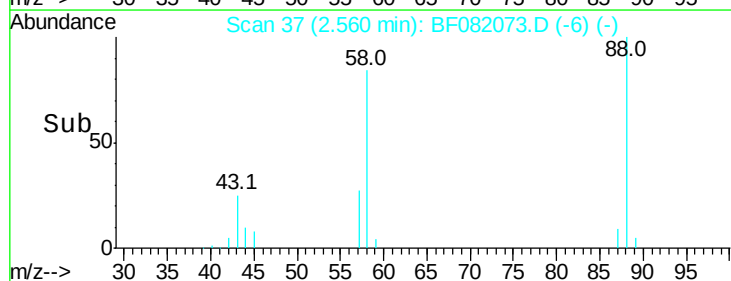
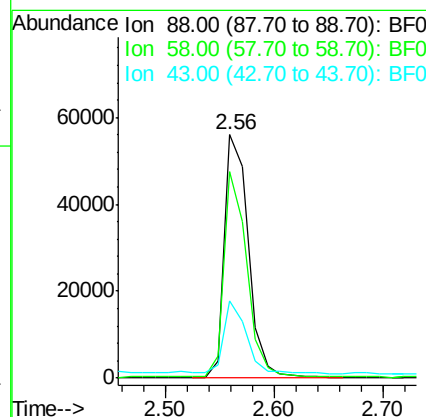
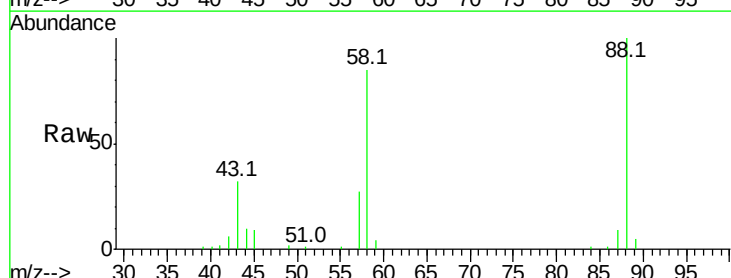
RT: 2.56 min Scan# 37

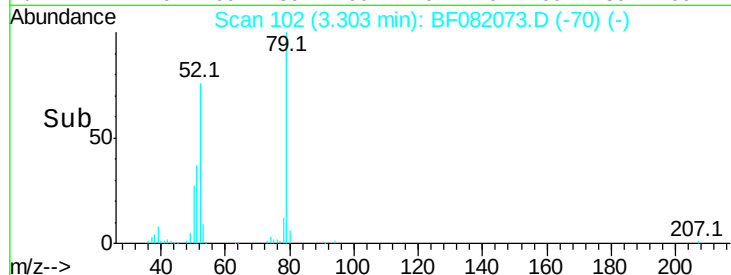
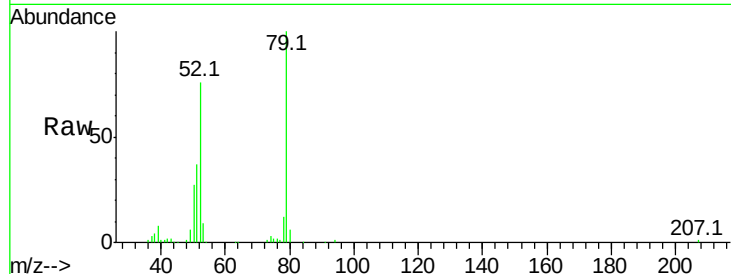
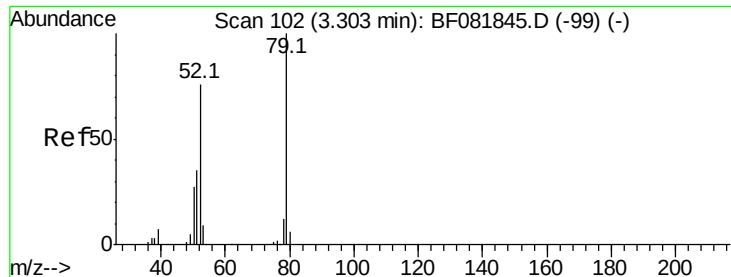
Delta R.T. 0.06 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:	88	Resp:	85947
Ion Ratio	Lower	Upper	
88	100		
58	79.5	77.7	116.5
43	28.1	26.6	40.0





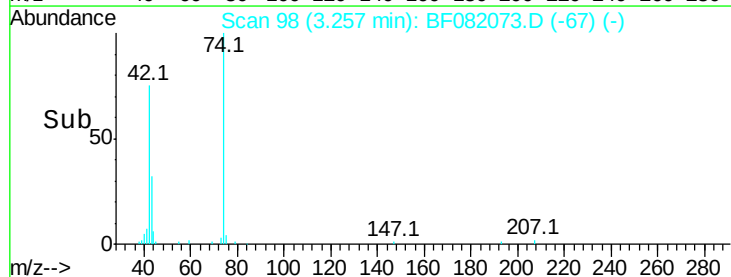
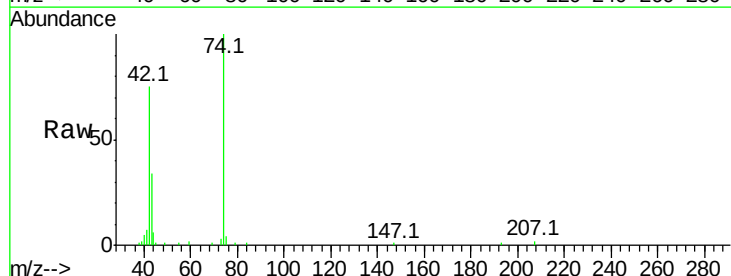
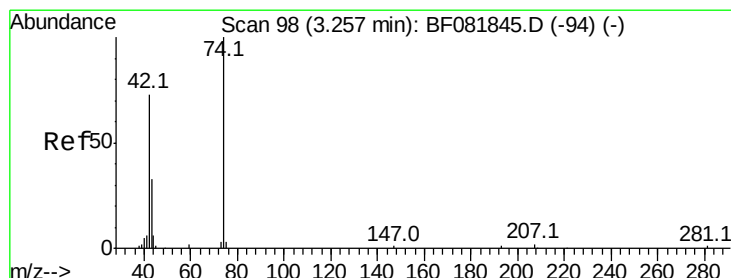
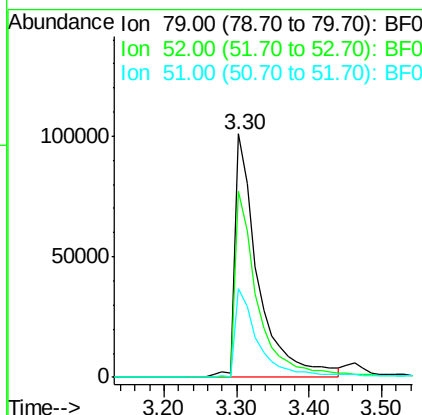
#3
 Pvridine
 Concen: 37.27 ng
 RT: 3.30 min Scan# 102
 Delta R.T. 0.07 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.3	76.8	115.2#
51	36.6	32.2	48.4

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

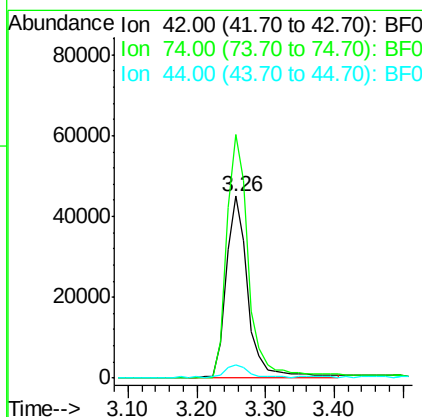
Manual Integrations
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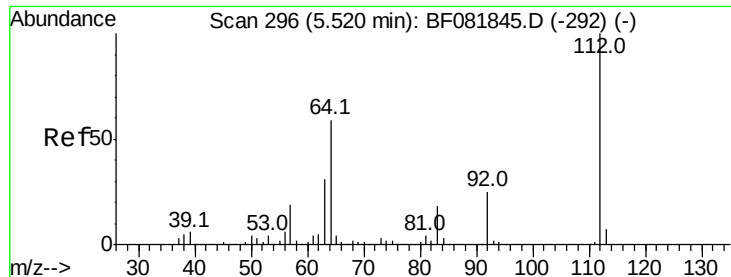
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 10/6/2015 5:54:24 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.38 ng
 RT: 3.26 min Scan# 98
 Delta R.T. 0.06 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.9	105.0	157.6
44	7.4	6.6	10.0





#5

2-Fluorophenol

Concen: 131.70 ng

RT: 5.50 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

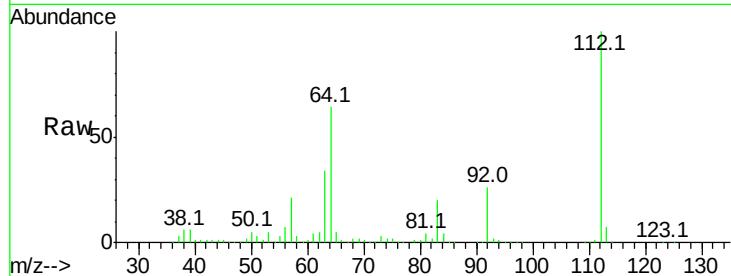
ClientSampleId :

SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	700836		
64	64.3	39.7	59.5#	
63	34.1	17.4	26.0#	

Manual Integrations
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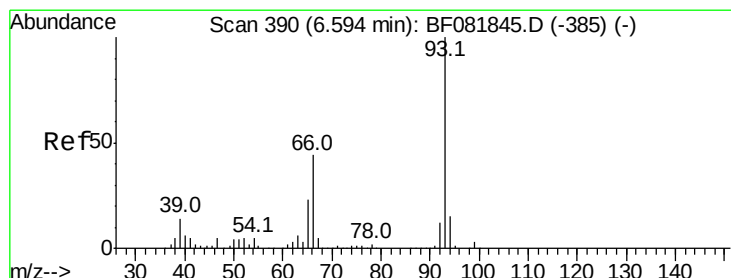
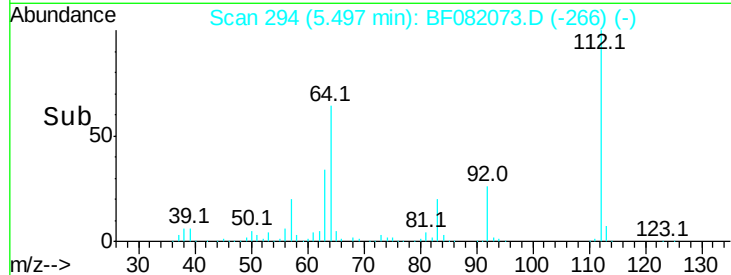
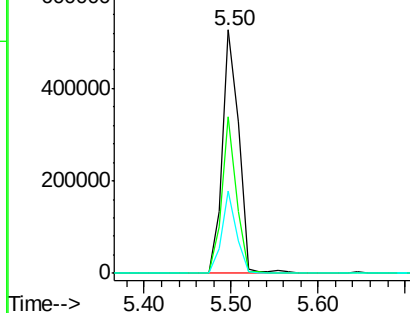
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.28 ng

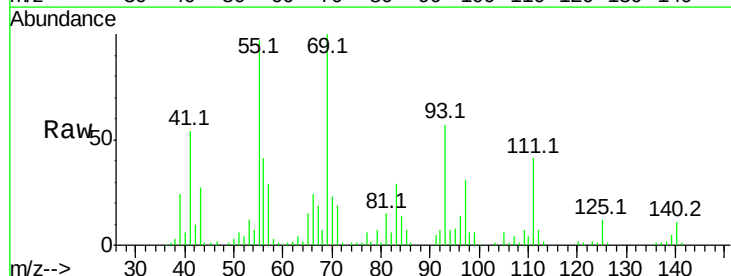
RT: 6.58 min Scan# 389

Delta R.T. 0.03 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

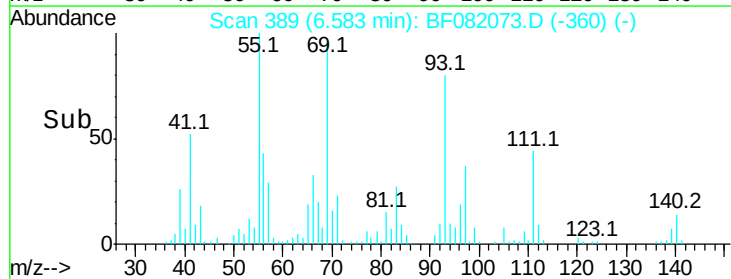
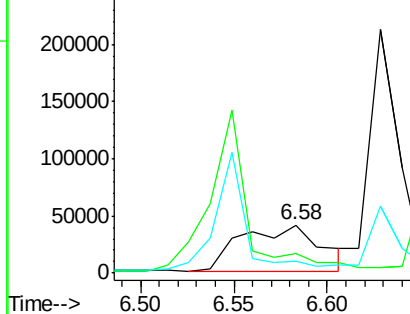
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	119495		
66	41.6	27.2	40.8#	
65	25.8	14.7	22.1#	

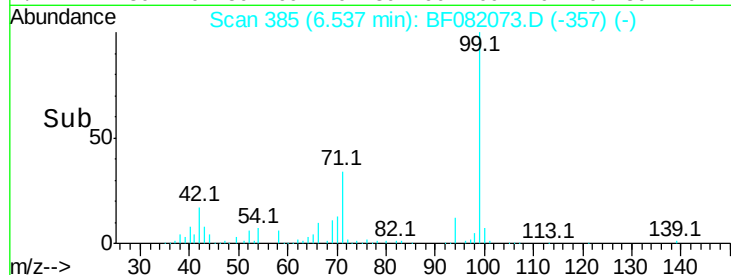
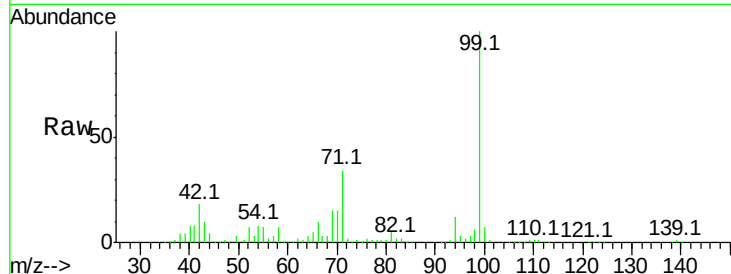
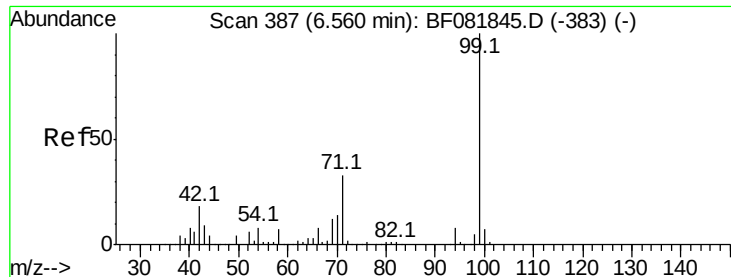


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.52 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

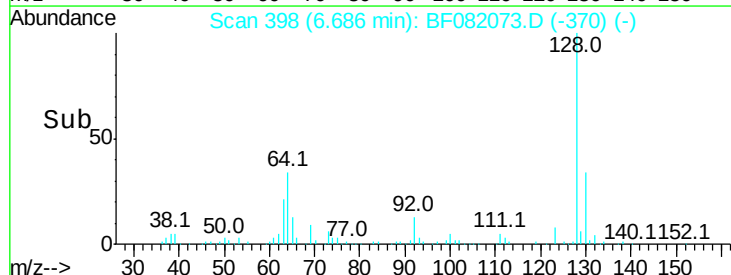
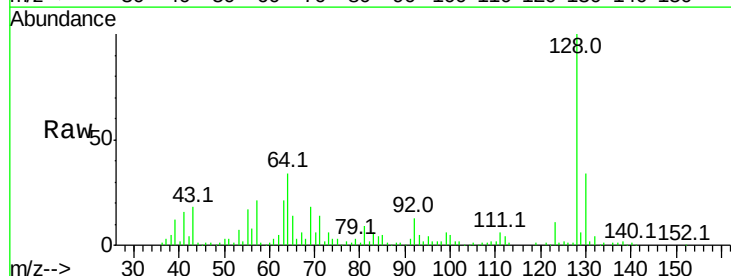
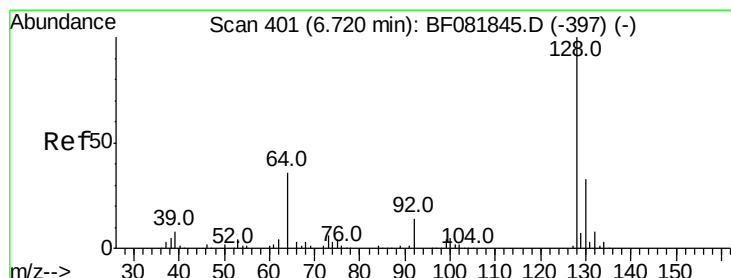
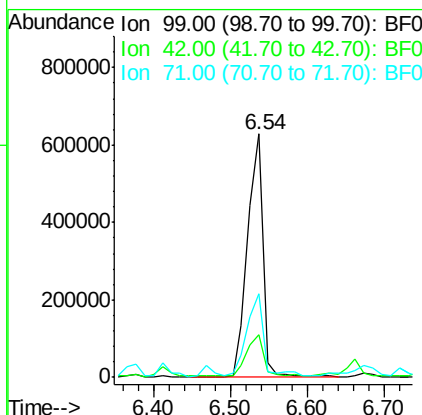
SS-8(0-24)MS

Tot Ion: 99 Resp: 880668

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.7	20.5
71	34.2	14.2	21.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.27 ng

RT: 6.69 min Scan# 398

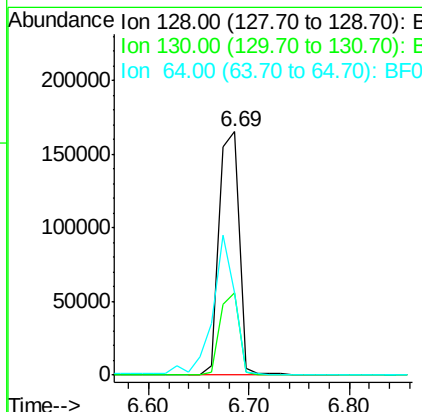
Delta R.T. 0.02 min

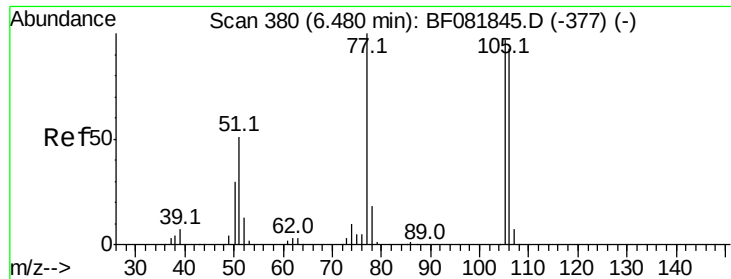
Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion: 128 Resp: 230785

Ion	Ratio	Lower	Upper
128	100		
130	34.0	12.2	52.2
64	33.8	20.5	60.5





#9

Benzaldehyde

Concen: 13.22 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

Tot Ion: 77 Resp: 57970

Ion Ratio Lower Upper

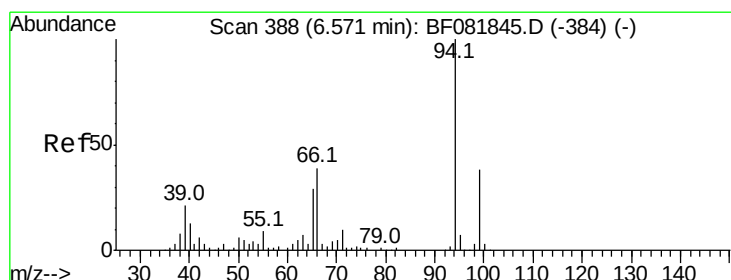
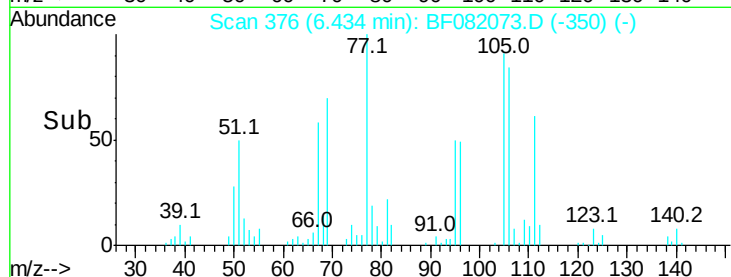
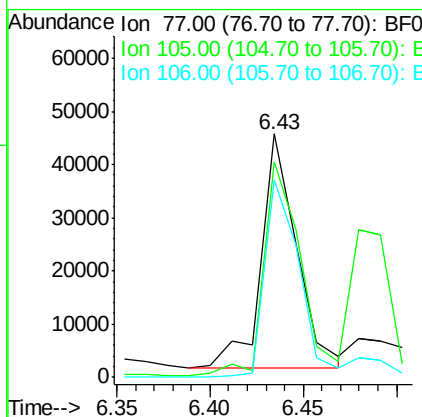
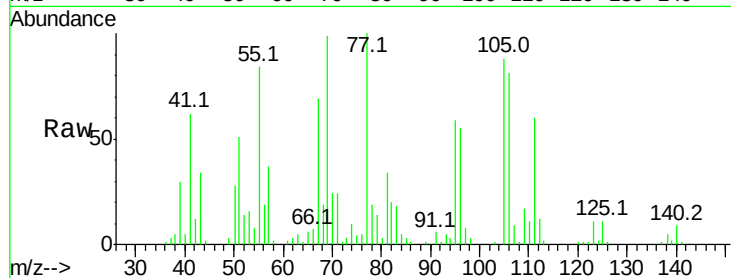
77 100

105 88.3 91.6 131.6#

106 81.1 102.6 142.6#

Manual Integrations
APPROVED

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10/6/2015 5:54:24 PM



#10

Phenol

Concen: 43.63 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

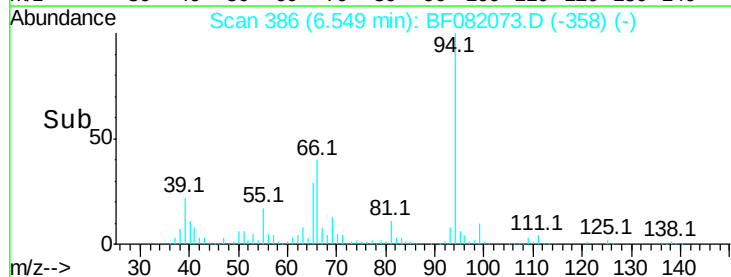
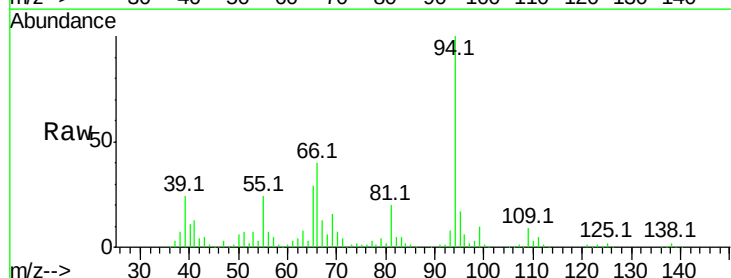
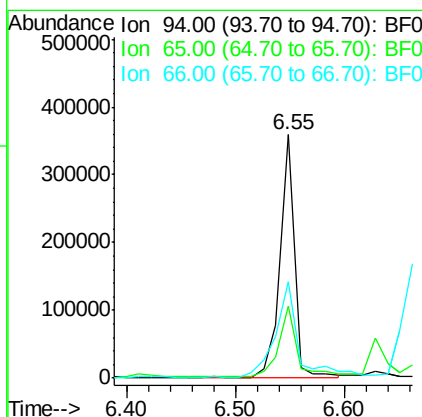
Tgt Ion: 94 Resp: 327727

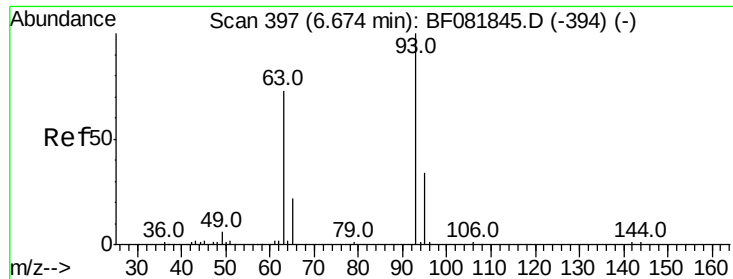
Ion Ratio Lower Upper

94 100

65 29.5 0.7 40.7

66 39.7 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 41.40 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

Tot Ion: 93 Resp: 241177

Ion Ratio Lower Upper

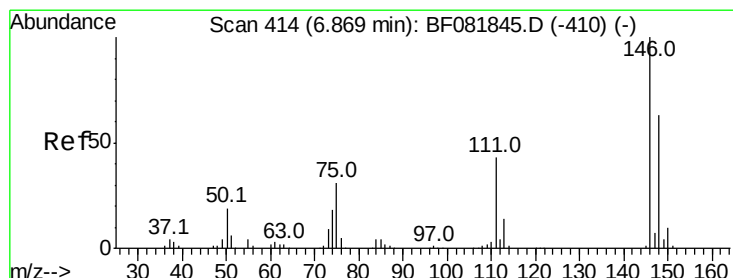
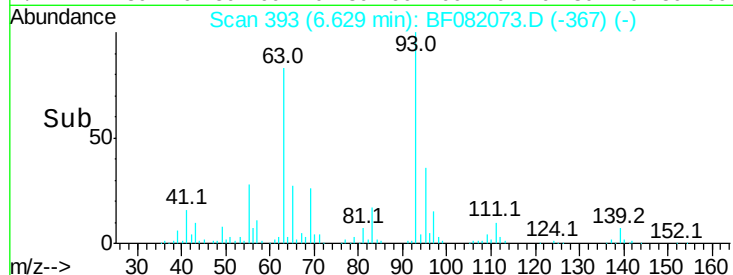
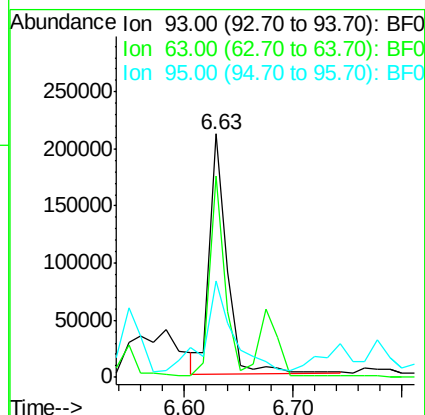
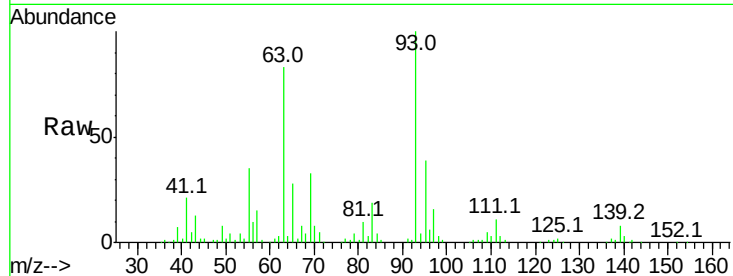
93 100

63 82.9 65.6 105.6

95 39.5 13.6 53.6

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#12

1,3-Dichlorobenzene

Concen: 39.96 ng

RT: 6.83 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

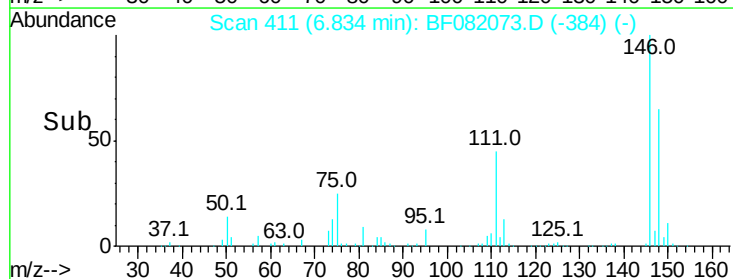
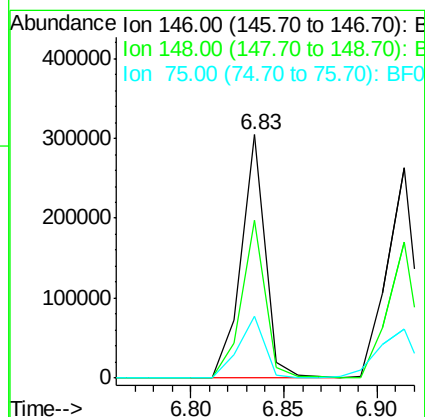
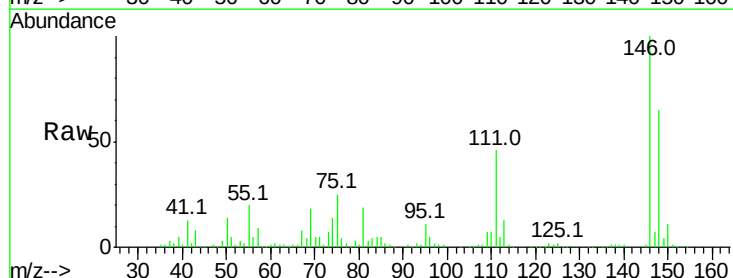
Tgt Ion: 146 Resp: 277354

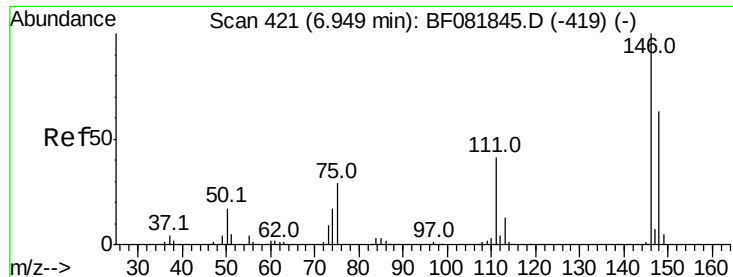
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

75 25.3 15.0 22.6#





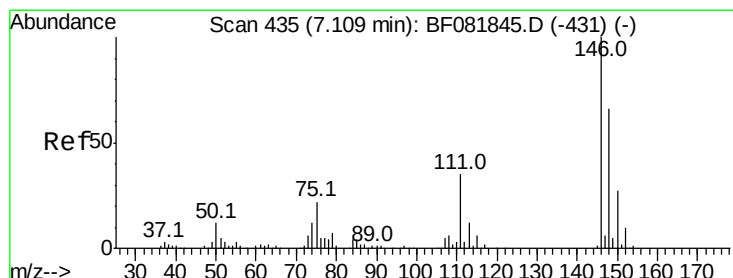
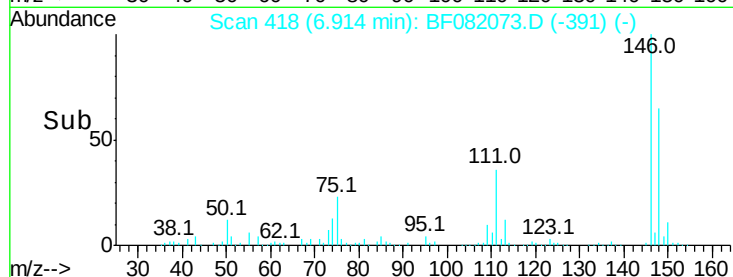
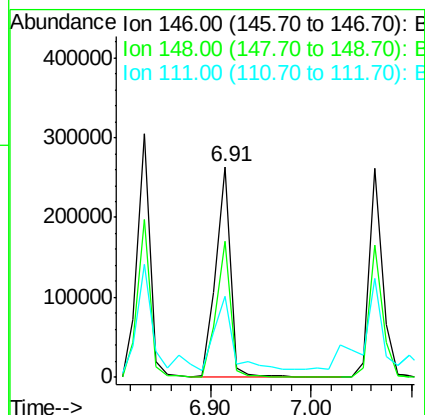
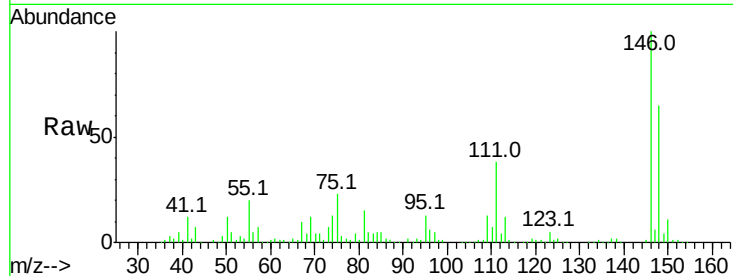
#13
 1,4-Dichlorobenzene
 Concen: 37.47 ng
 RT: 6.91 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	271598		
148	64.5		51.8	77.6
111	38.3		24.9	37.3#

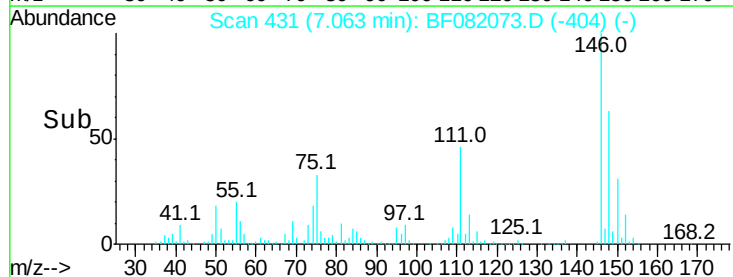
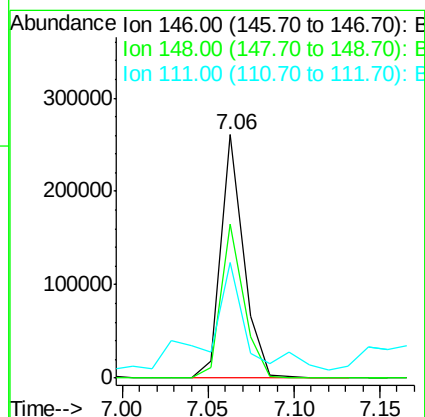
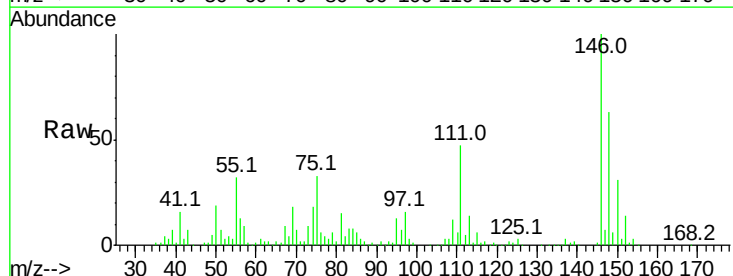
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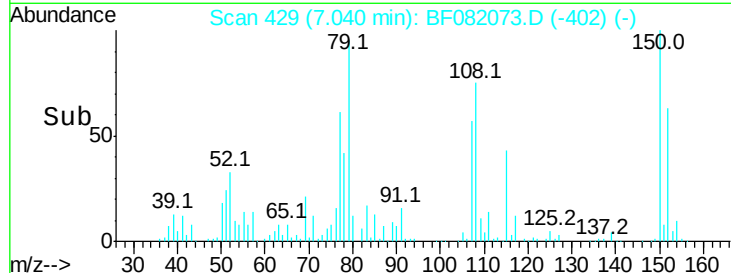
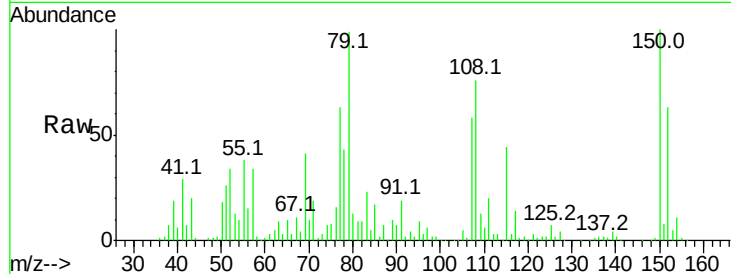
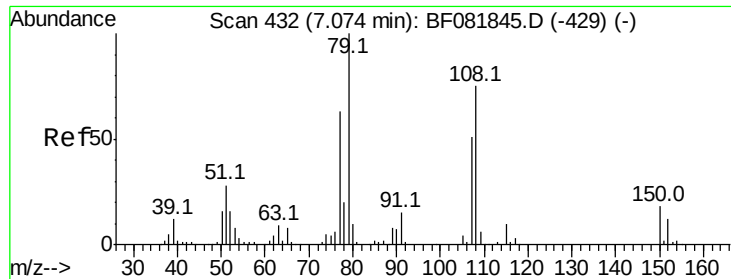
MMDadoda
 10/6/2015 5:54:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.38 ng m
 RT: 7.06 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	241394		
148	63.3		52.7	79.1
111	47.3		28.8	43.2#





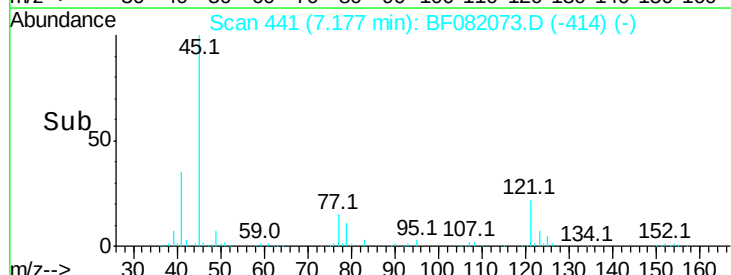
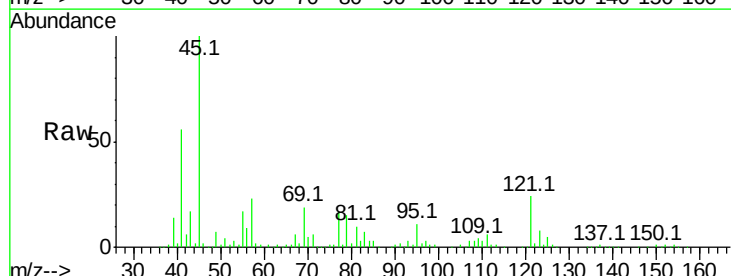
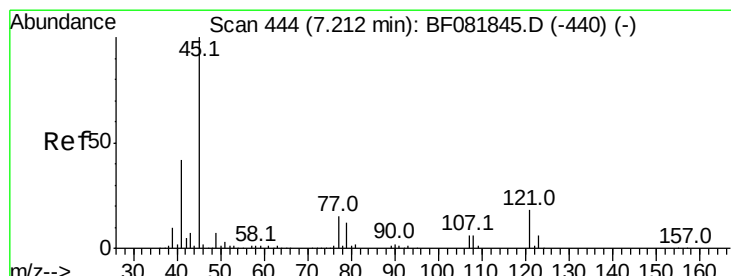
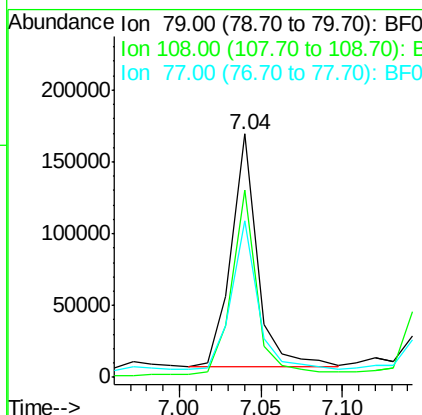
#15
Benzyl Alcohol
Concen: 37.57 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tot Ion: 79 Resp: 181584
Ion Ratio Lower Upper
79 100
108 76.7 88.6 132.8#
77 64.2 47.0 70.4

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

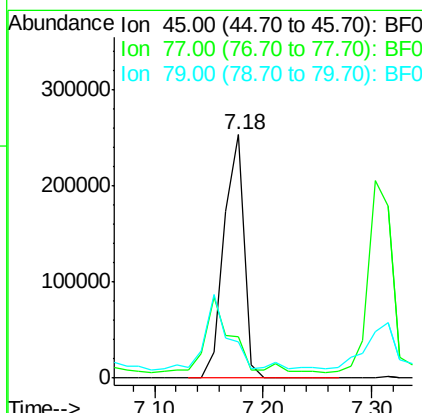
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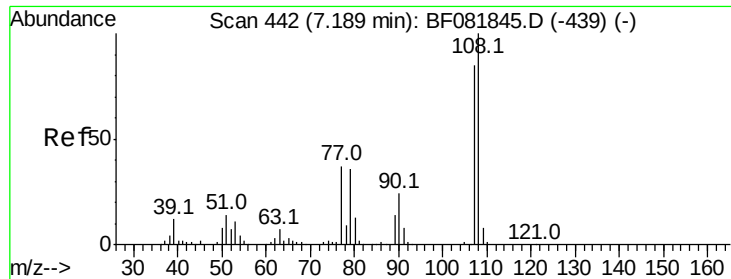
MMDadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.22 ng
RT: 7.18 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion: 45 Resp: 322937
Ion Ratio Lower Upper
45 100
77 17.0 0.0 28.1
79 14.8 0.0 26.0





#17

2-Methylphenol

Concen: 38.32 ng

RT: 7.15 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

Tot Ion:107 Resp: 182590
Ion Ratio Lower Upper

107 100

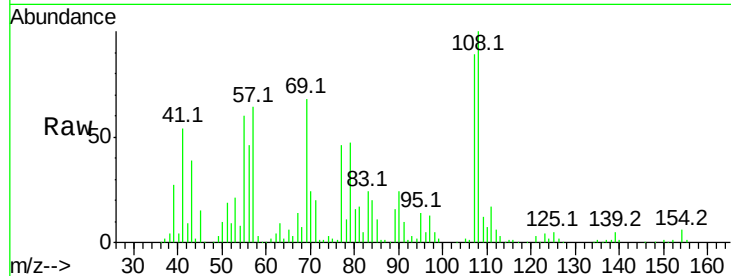
108 112.0 96.6 145.0

77 51.6 23.3 34.9#

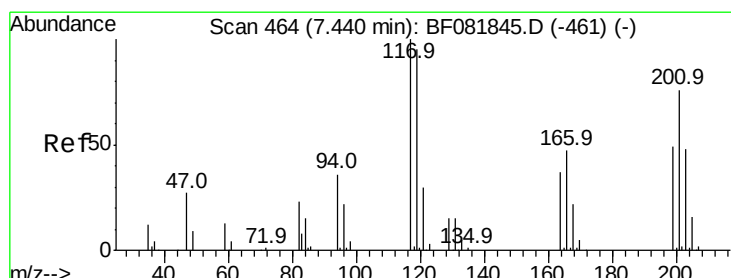
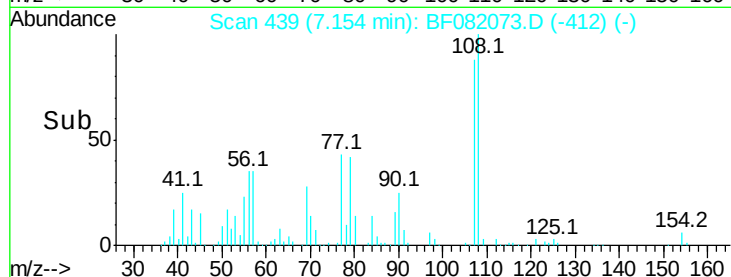
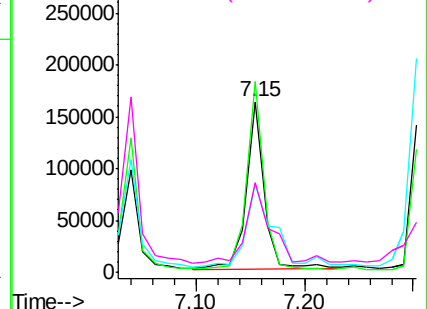
79 52.7 22.0 33.0#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.30 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF082073.D

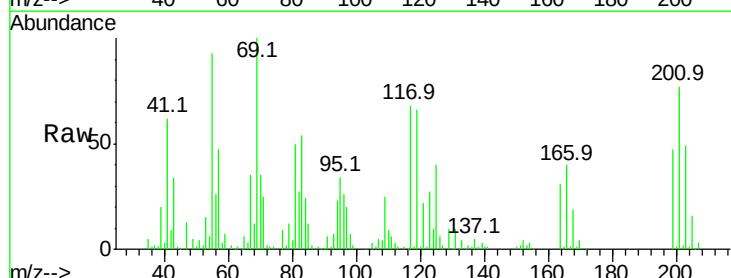
Acq: 6 Oct 2015 5:31

Tgt Ion:117 Resp: 80099
Ion Ratio Lower Upper

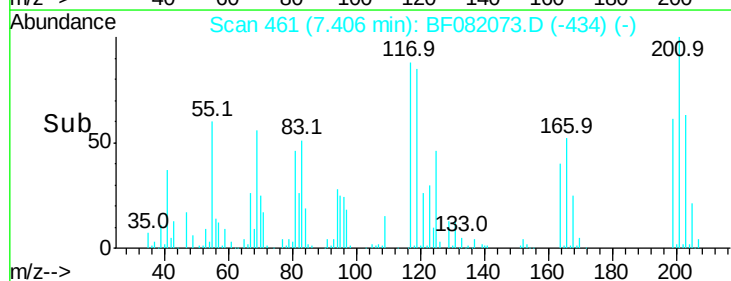
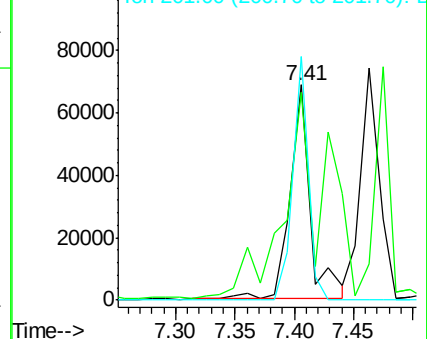
117 100

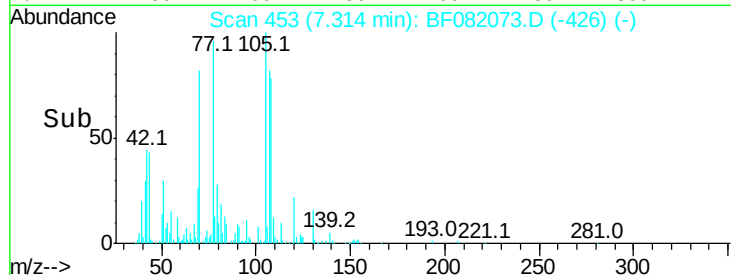
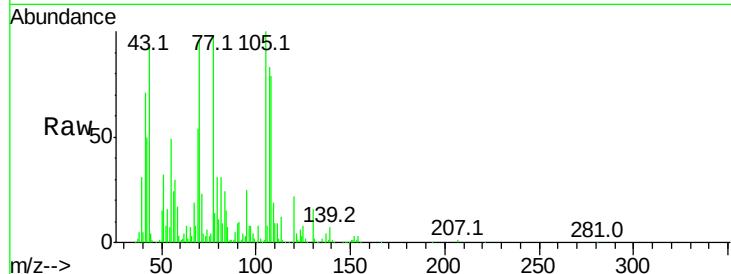
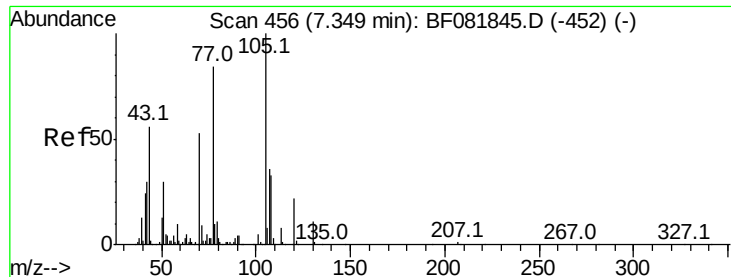
119 96.3 83.8 125.6

201 113.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





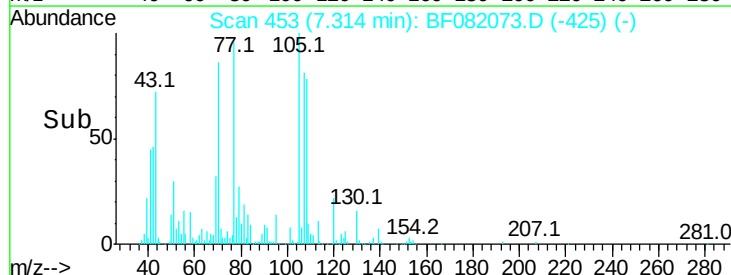
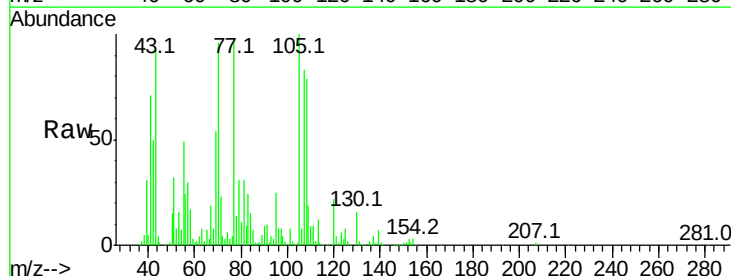
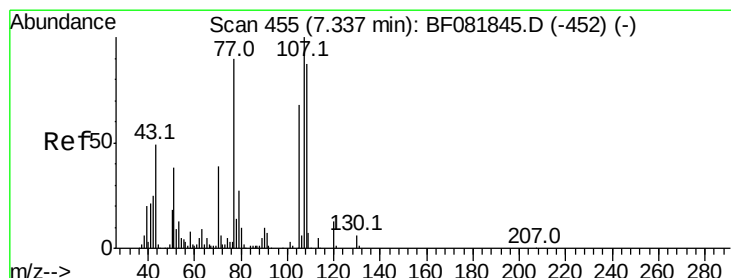
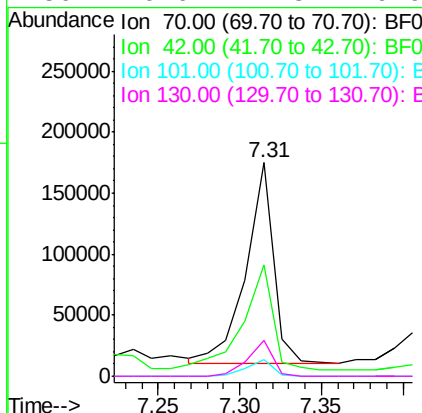
#19
n-Nitroso-di-n-propylamine
Concen: 47.47 ng
RT: 7.31 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	63.8	95.6#
101	8.0	9.2	13.8#
130	16.6	27.3	40.9#

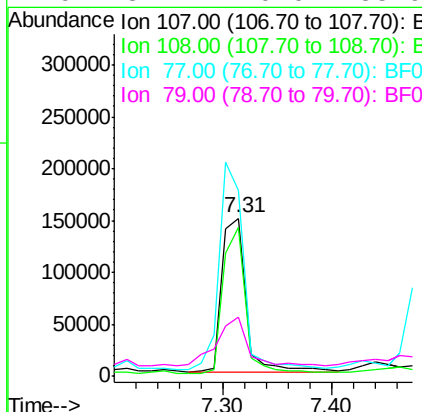
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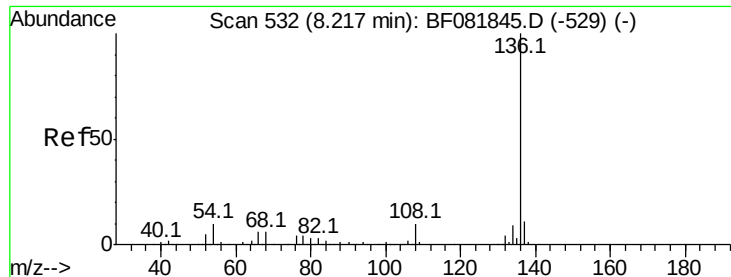
MMDadoda
10/6/2015 5:54:24 PM



#20
3+4-Methylphenols
Concen: 37.54 ng
RT: 7.31 min Scan# 453
Delta R.T. 0.02 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	74.6	114.6
77	117.5	0.7	40.7#
79	37.7	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

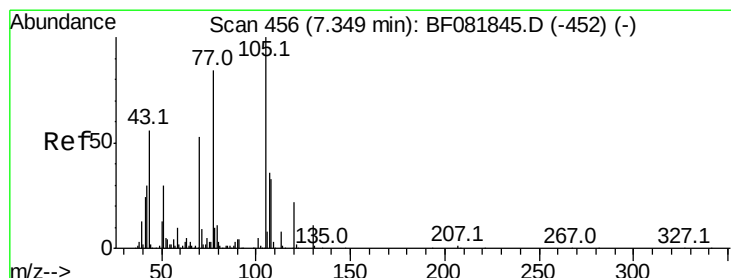
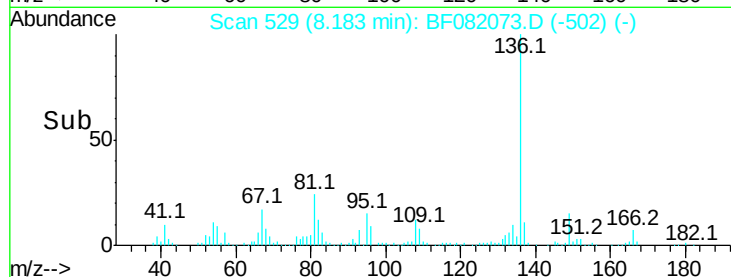
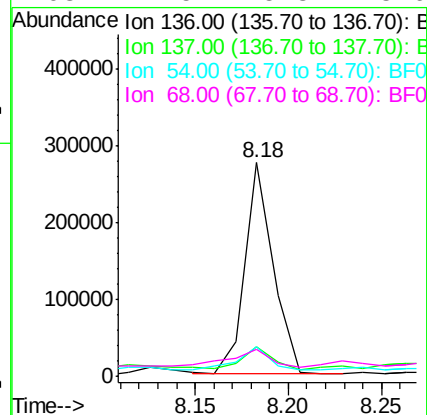
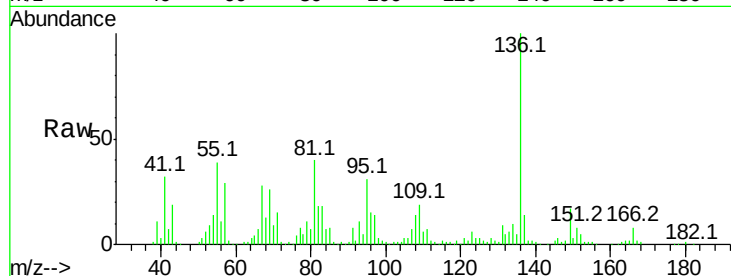
ClientSampleId :

SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	14.1	9.0	13.6#	
54	13.5	8.2	12.2#	
68	12.5	5.8	8.6#	

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#22

Acetophenone

Concen: 54.64 ng

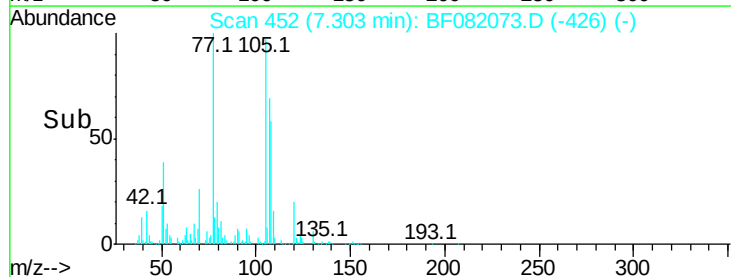
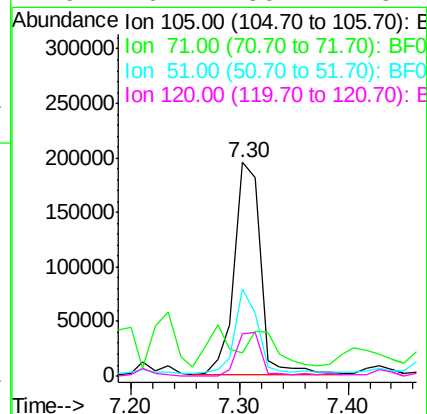
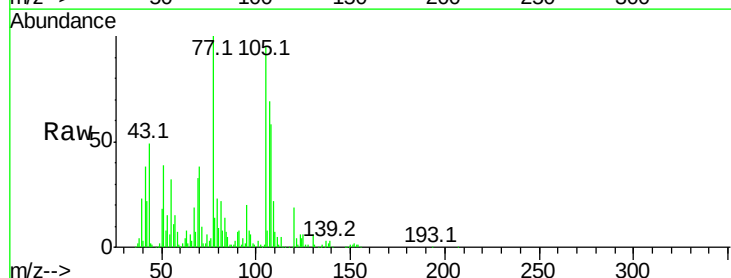
RT: 7.30 min Scan# 452

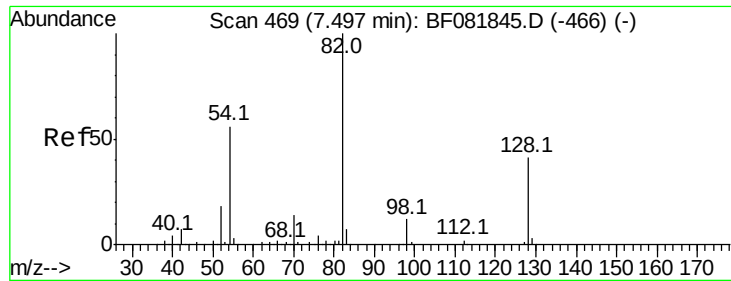
Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.8	4.7	7.1#	
51	40.9	22.0	33.0#	
120	20.1	30.1	45.1#	





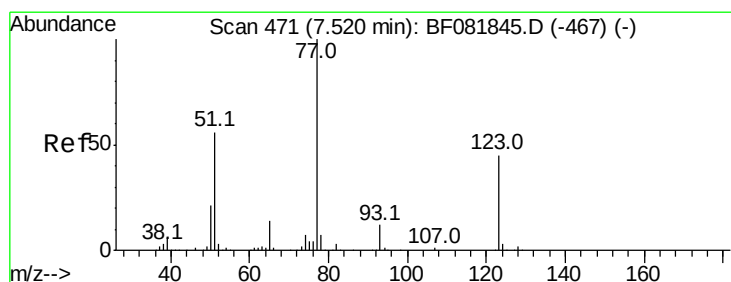
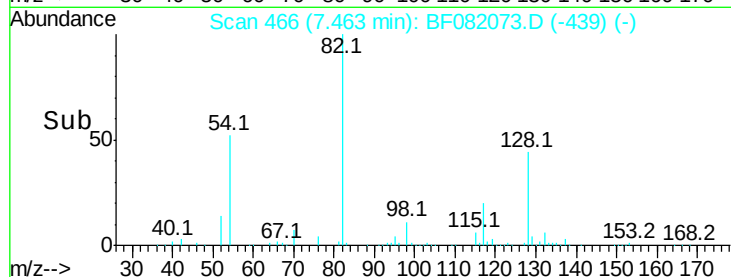
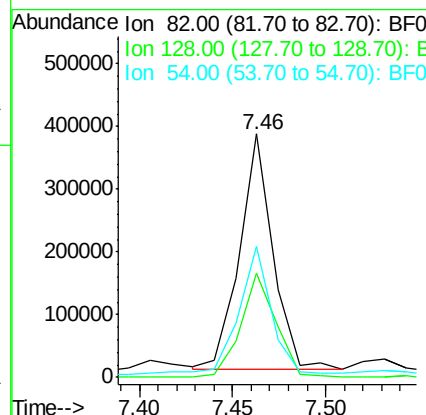
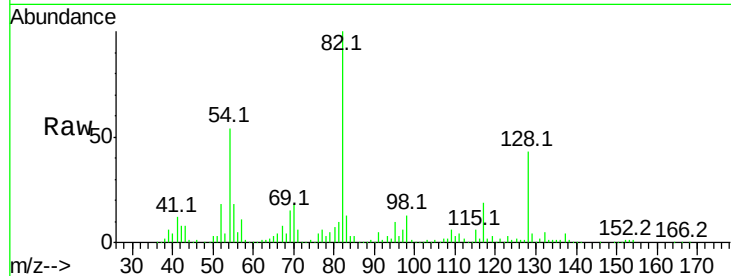
#23
 Nitrobenzene-d5
 Concen: 106.89 ng
 RT: 7.46 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	51.0	76.6#
54	54.0	47.5	71.3

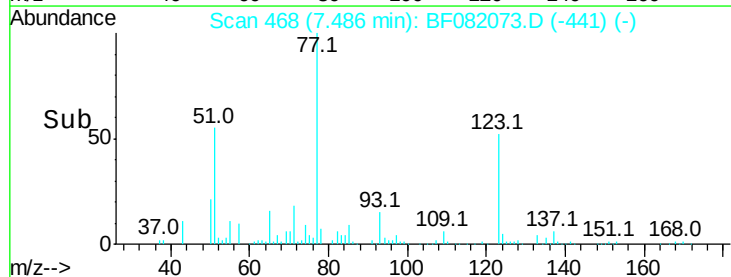
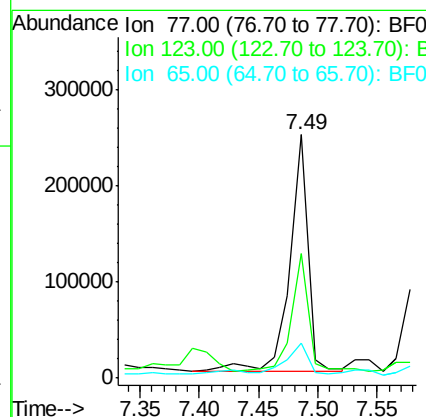
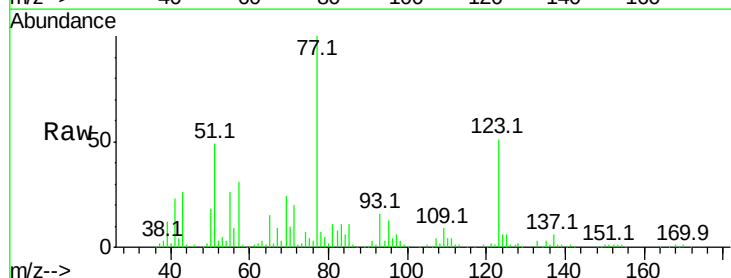
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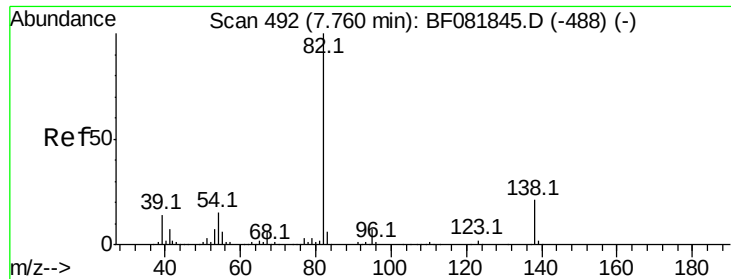
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 10/6/2015 5:54:24 PM



#24
 Nitrobenzene
 Concen: 54.22 ng
 RT: 7.49 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.4	59.8	89.8#
65	14.6	10.2	15.4





#25

Isophorone

Concen: 55.12 ng

RT: 7.73 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

Tot Ion: 82 Resp: 474778

Ion Ratio Lower Upper

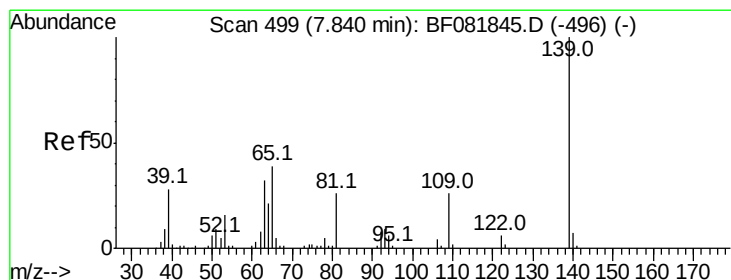
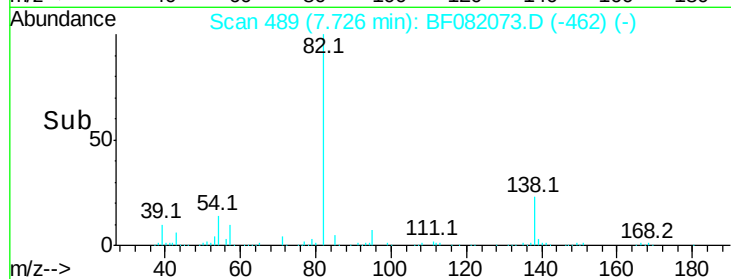
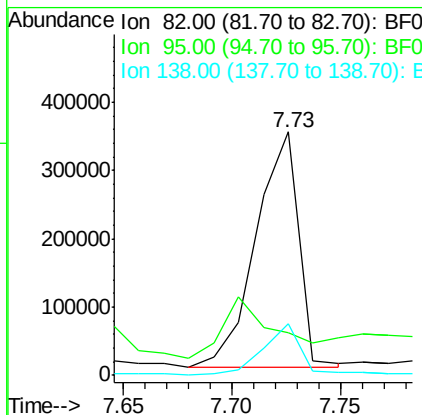
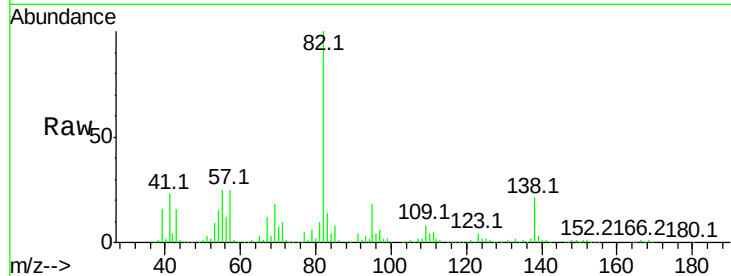
82 100

95 17.7 4.0 6.0#

138 21.4 18.3 27.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.02 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

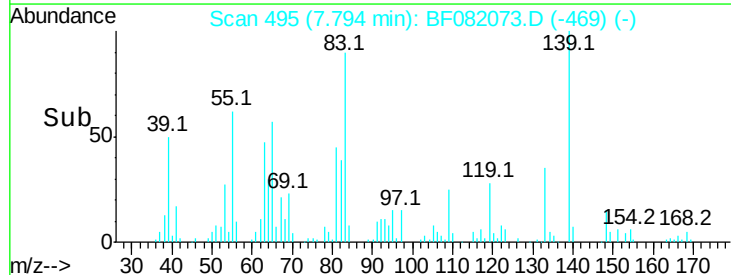
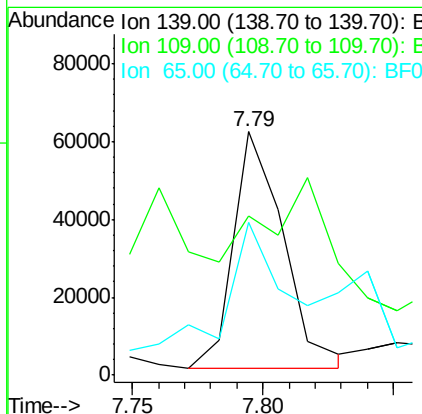
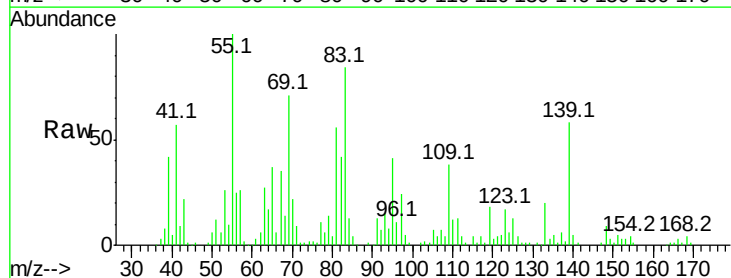
Tgt Ion: 139 Resp: 81599

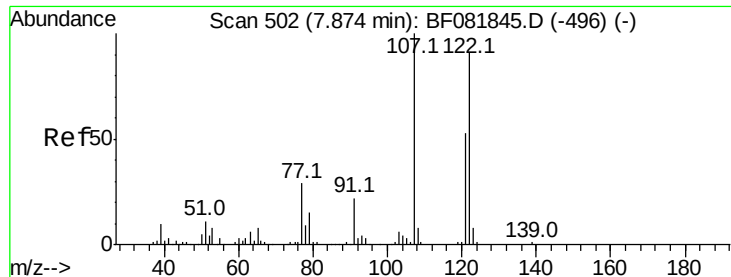
Ion Ratio Lower Upper

139 100

109 65.5 11.0 16.4#

65 62.8 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 53.81 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

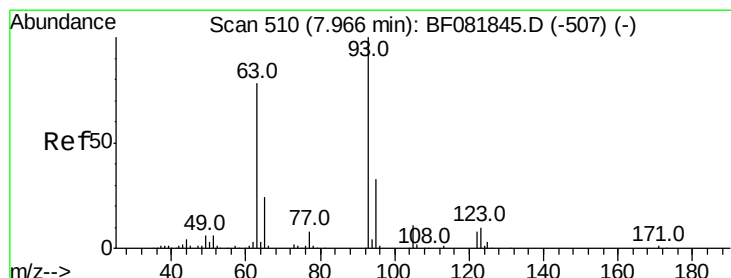
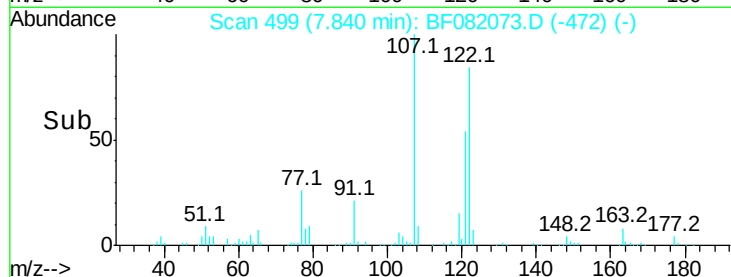
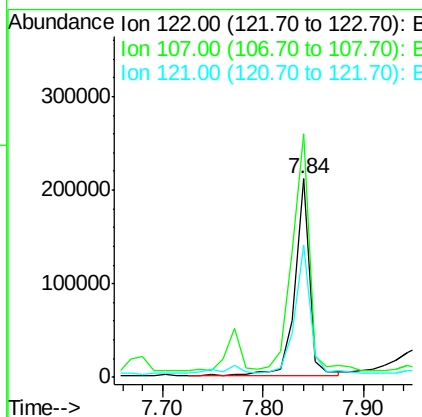
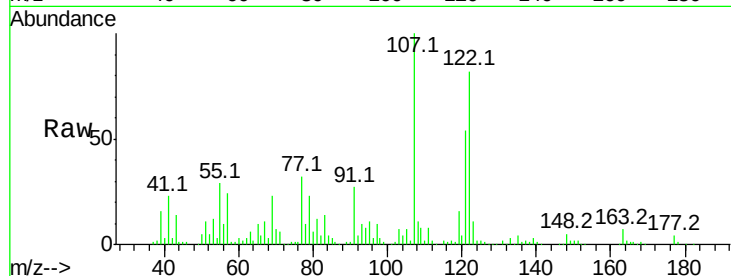
ClientSampleId :

SS-8(0-24)MS

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Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	122.6	71.8	107.6#	
121	66.3	42.3	63.5#	



#28

bis(2-Chloroethoxy)methane

Concen: 53.03 ng

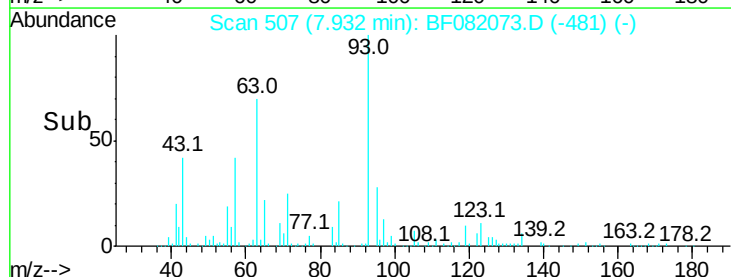
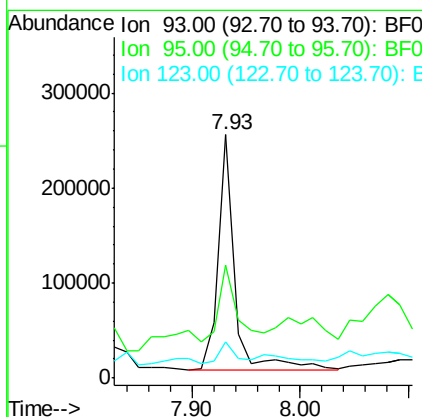
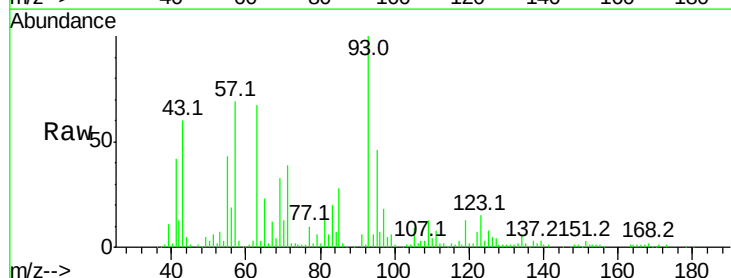
RT: 7.93 min Scan# 507

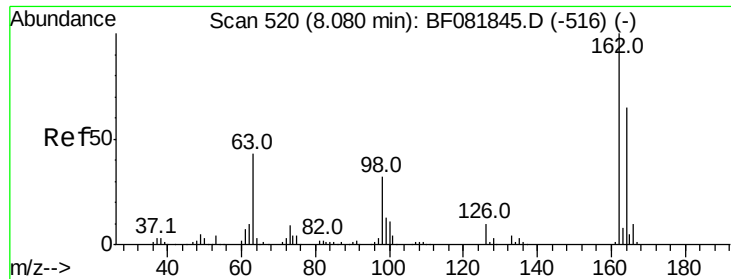
Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	46.4	27.5	41.3#	
123	14.9	13.7	20.5	





#29

2,4-Dichlorophenol

Concen: 51.45 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

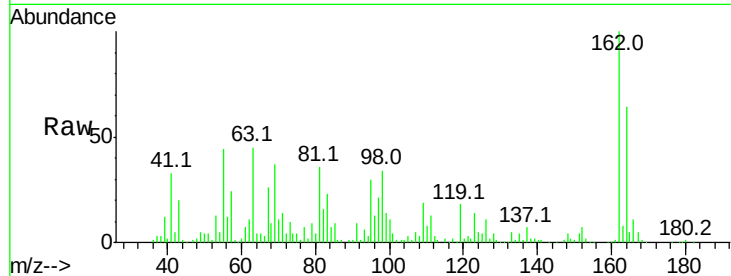
ClientSampleId :

SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	198807		
164	63.7	44.9	84.9	
98	34.3	13.0	53.0	

Manual Integrations
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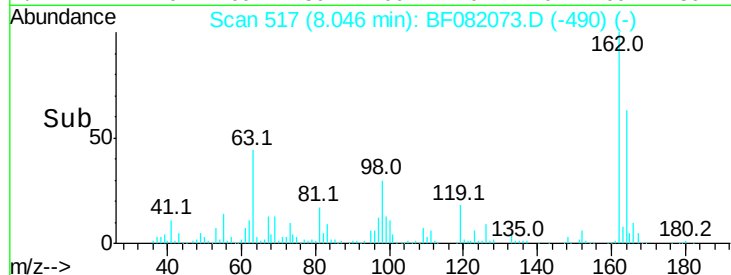


Abundance Ion 162.00 (161.70 to 162.70): E

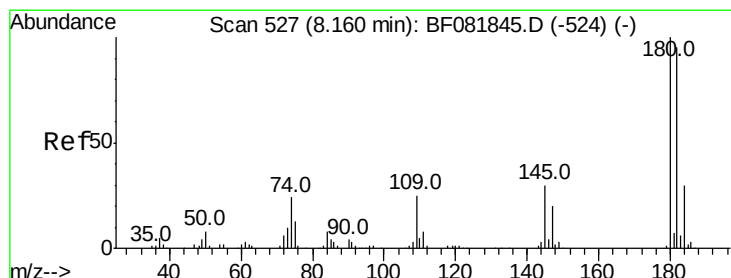
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 45.14 ng

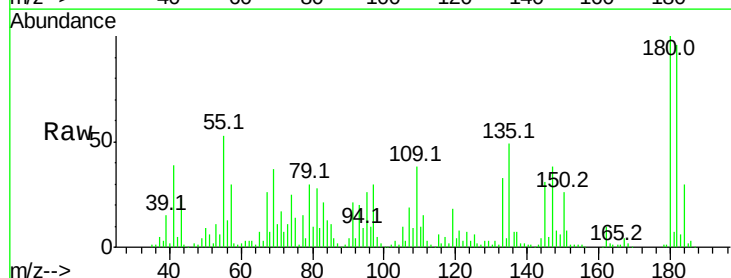
RT: 8.13 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194757		
182	96.1	77.1	115.7	
145	31.5	23.3	34.9	

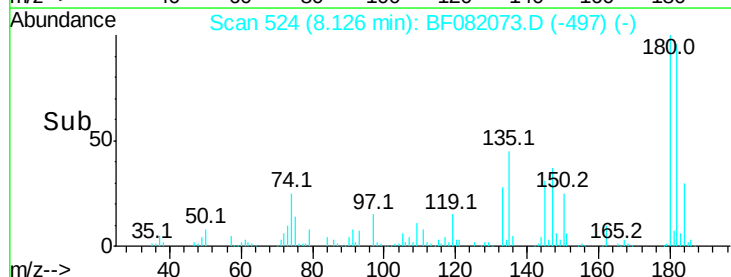


Abundance Ion 180.00 (179.70 to 180.70): E

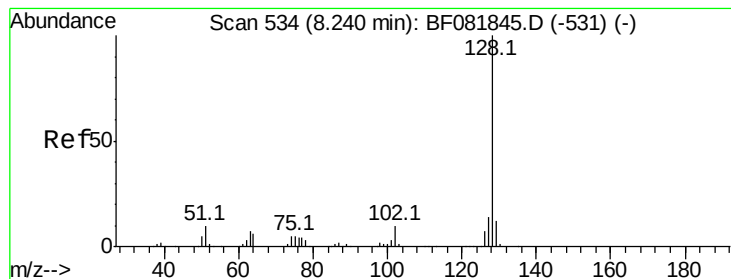
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



Time-->



#31

Naphthalene

Concen: 45.13 ng

RT: 8.21 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

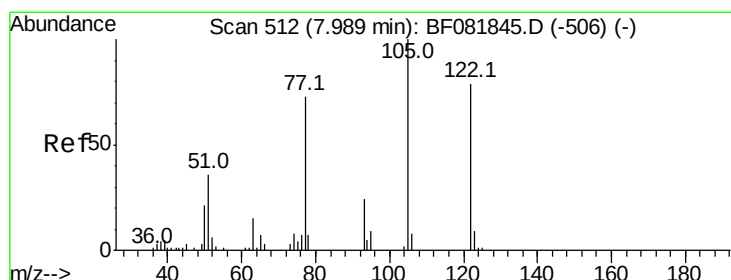
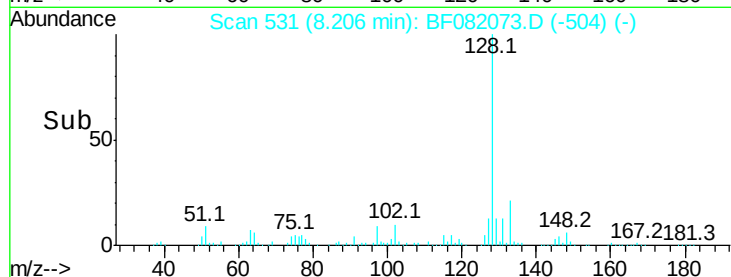
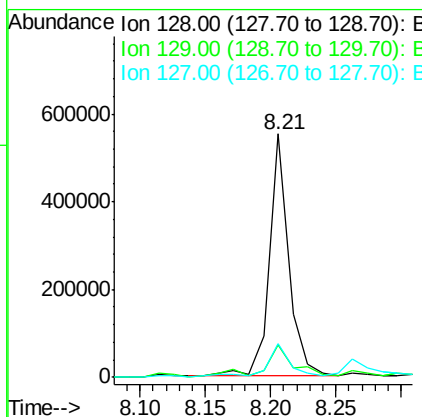
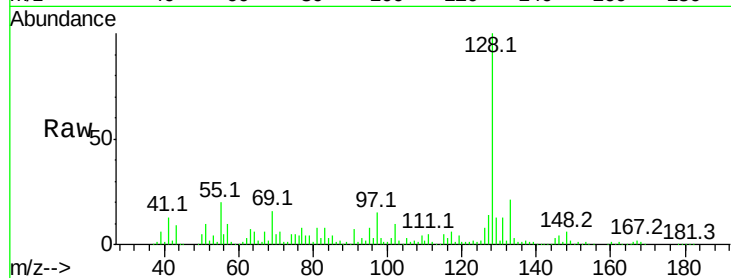
ClientSampleId :

SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	579297		
129	13.3	8.4	12.6#	
127	14.1	9.9	14.9	

Manual Integrations
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#32

Benzoic acid

Concen: 35.01 ng

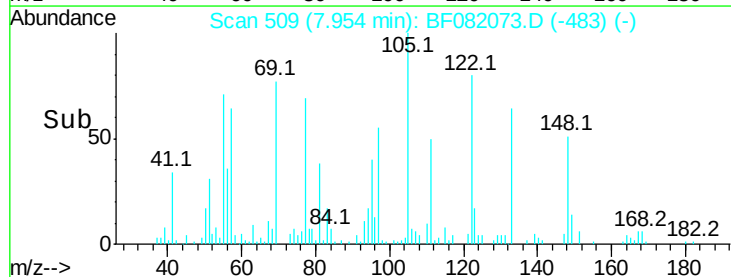
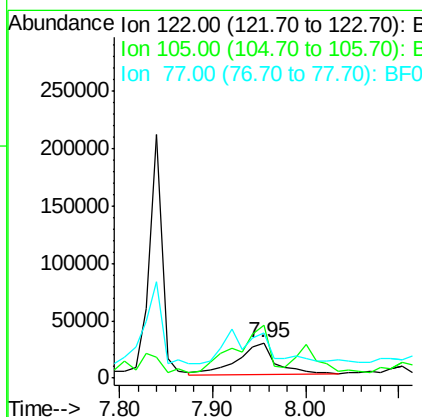
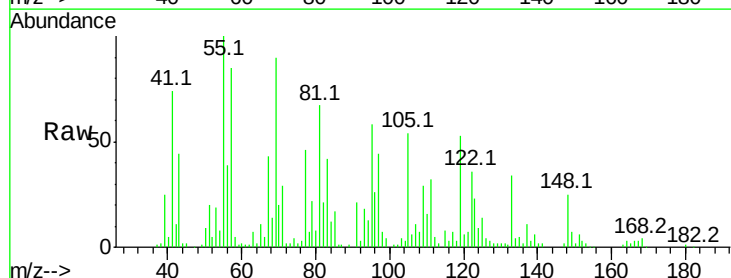
RT: 7.95 min Scan# 509

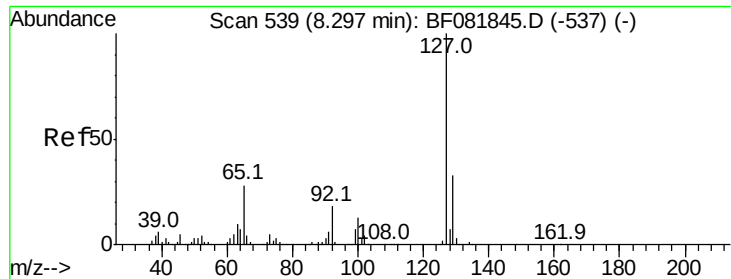
Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	77868		
105	150.9	76.1	116.1#	
77	127.6	40.5	80.5#	





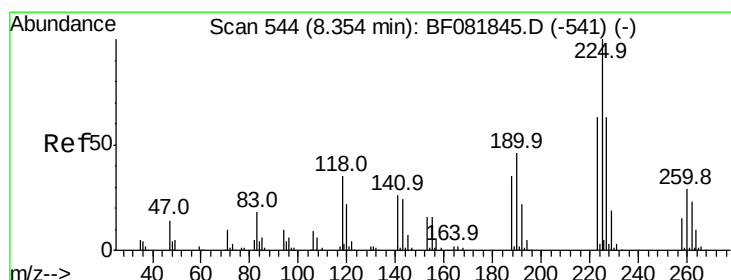
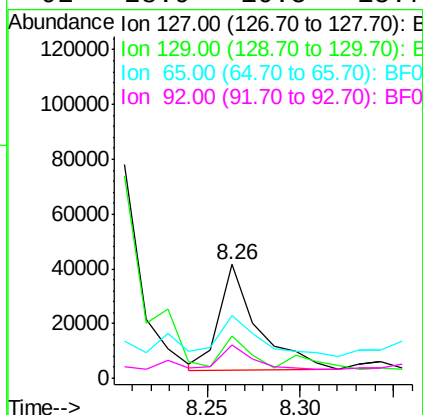
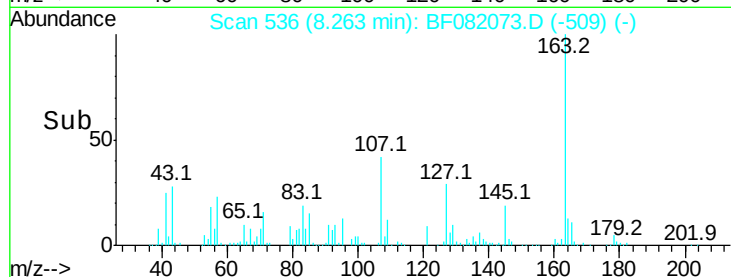
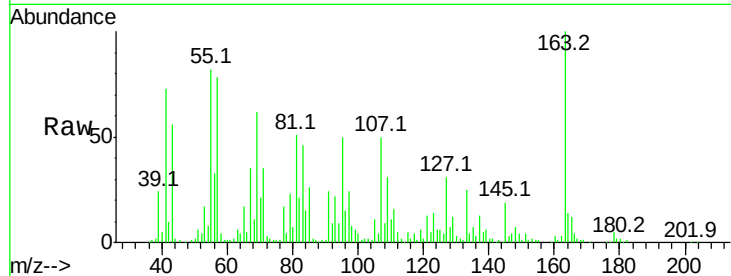
#33
4-Chloroaniline
Concen: 10.10 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	37.3	25.8	38.6	
65	54.8	17.9	26.9	
92	28.9	10.5	15.7	

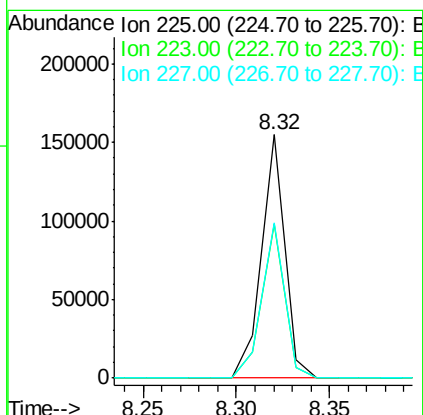
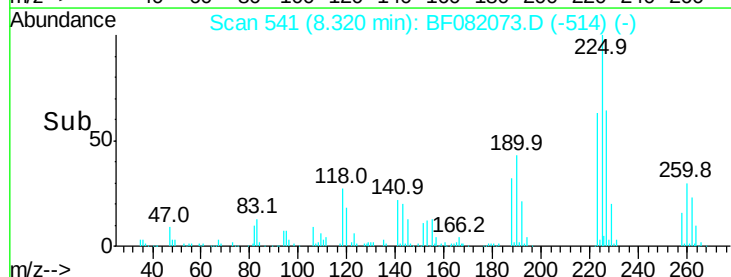
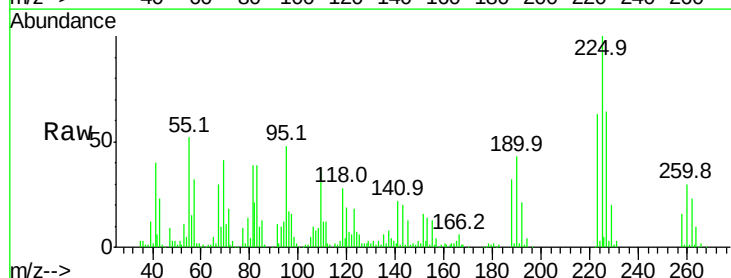
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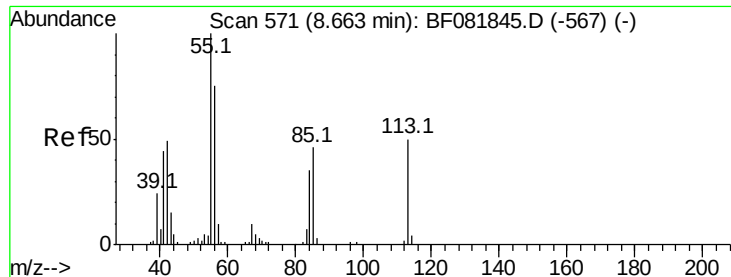
MMDadoda
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#34
Hexachlorobutadiene
Concen: 52.04 ng
RT: 8.32 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.2	75.2	
227	63.8	52.2	78.2	





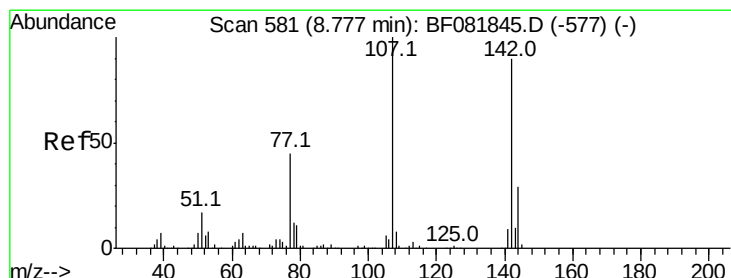
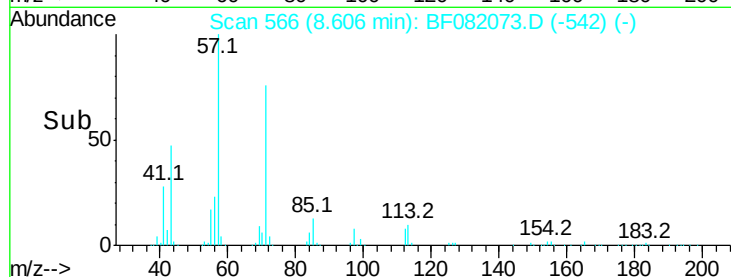
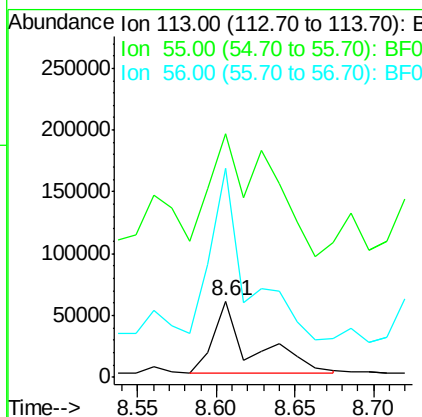
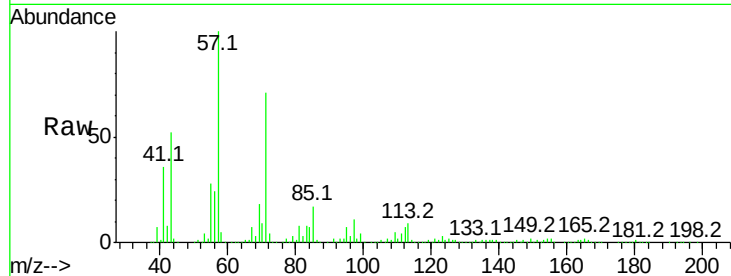
#35
Caprolactam
Concen: 92.96 ng/ml
RT: 8.61 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	320.5	152.4	192.4#
56	275.1	104.6	144.6#

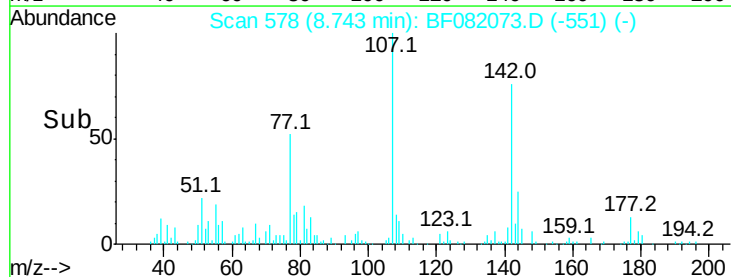
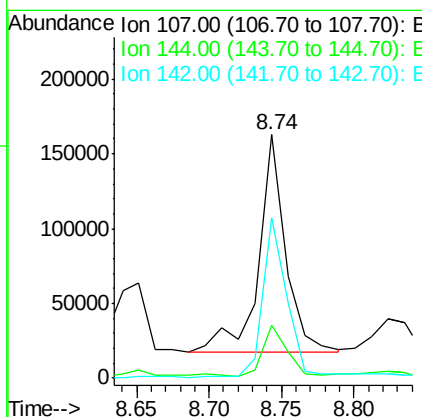
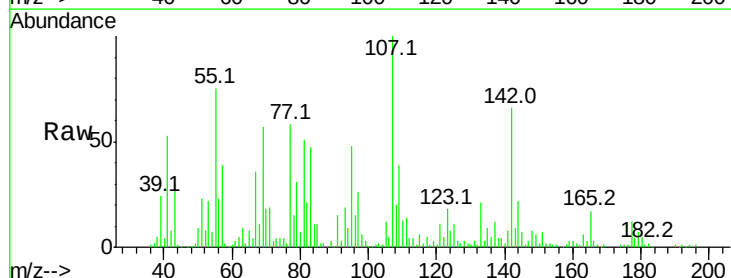
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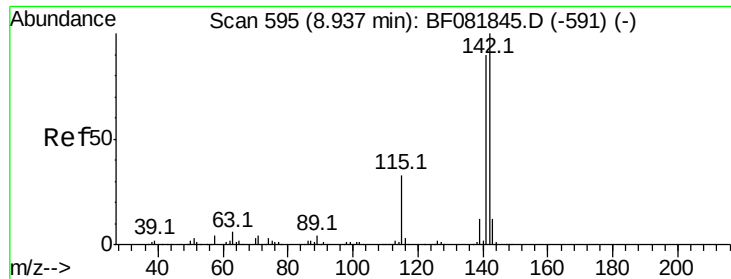
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#36
4-Chloro-3-methylphenol
Concen: 49.46 ng/ml
RT: 8.74 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.6	25.4	38.0#
142	65.8	77.3	115.9#





#37

2-Methylnaphthalene

Concen: 44.58 ng

RT: 8.90 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF082073.D

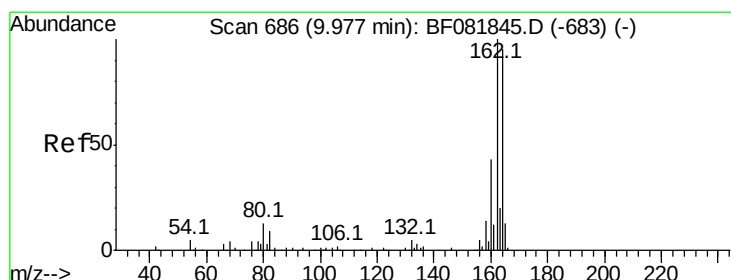
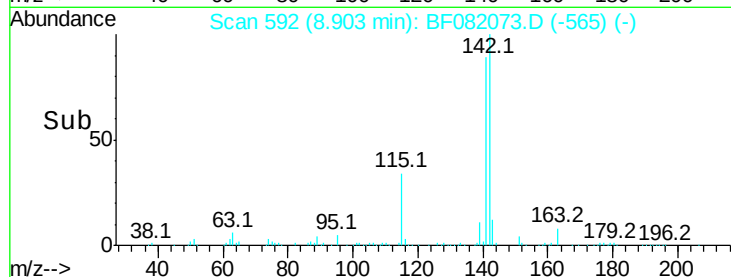
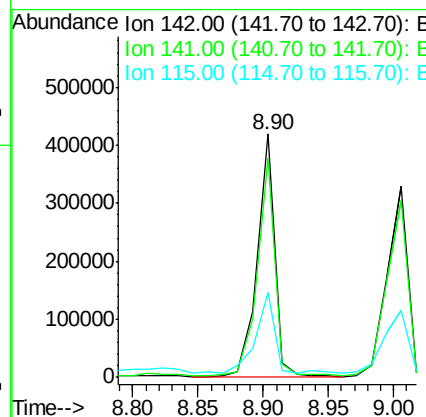
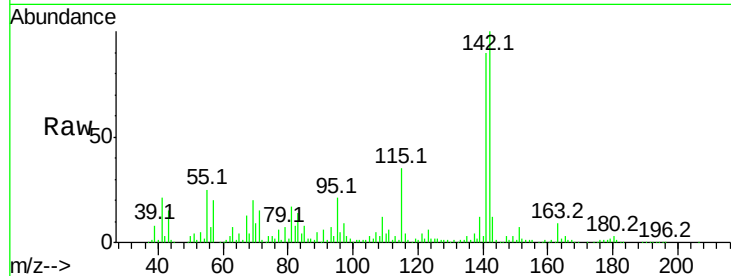
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	89.8	67.5	101.3
115	35.0	18.2	27.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

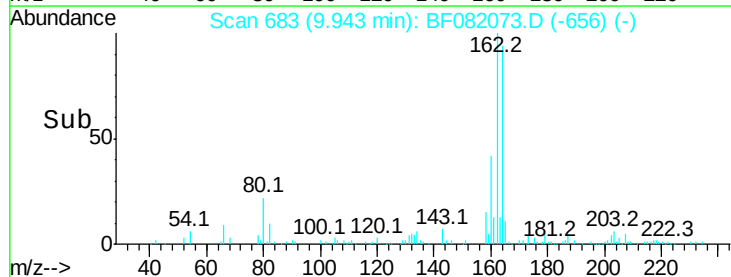
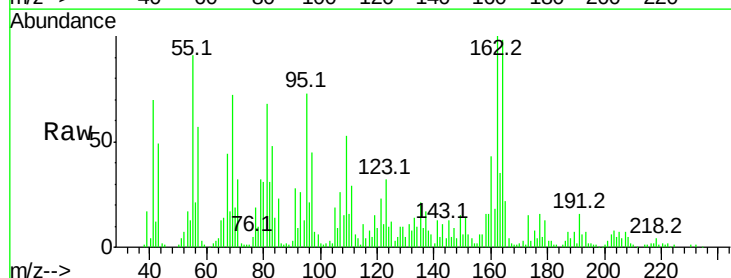
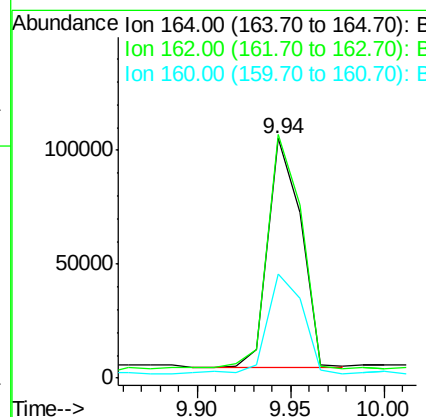
RT: 9.94 min Scan# 683

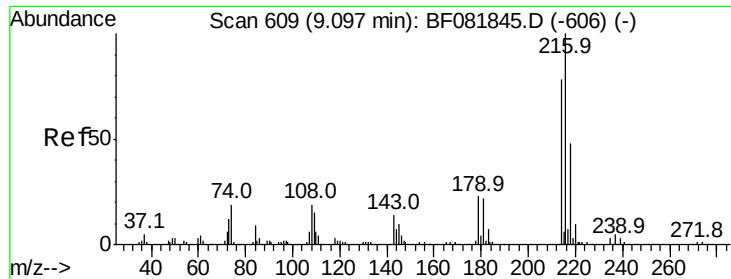
Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	101.7	75.2	112.8
160	43.5	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.44 ng

RT: 9.07 min Scan# 607

Delta R.T. 0.02 min

Lab File: BF082073.D

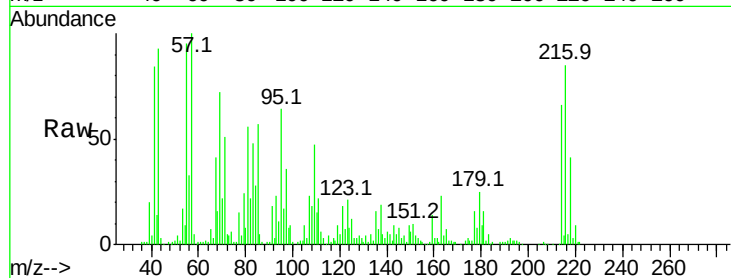
Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

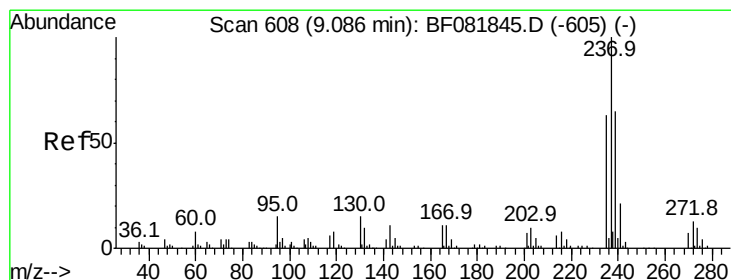
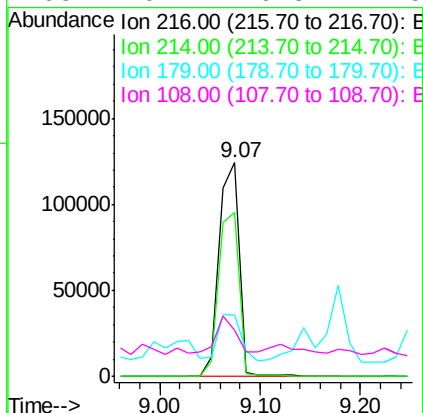
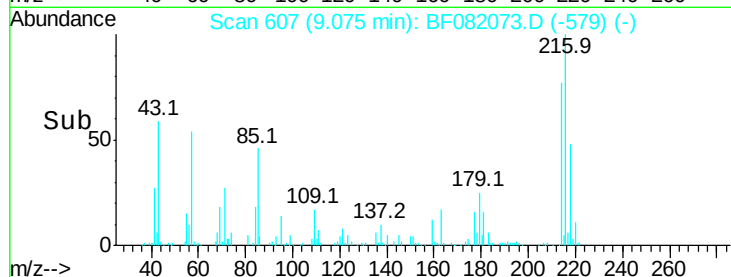
SS-8(0-24)MS



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.5	95.3	
179	27.2	16.6	24.8	
108	16.1	16.3	24.5	

Manual Integrations
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#40

Hexachlorocyclopentadiene

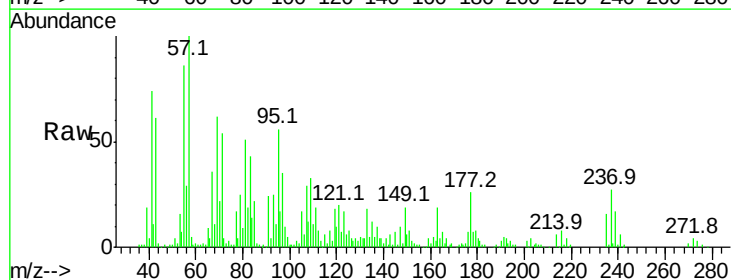
Concen: 19.89 ng

RT: 9.05 min Scan# 605

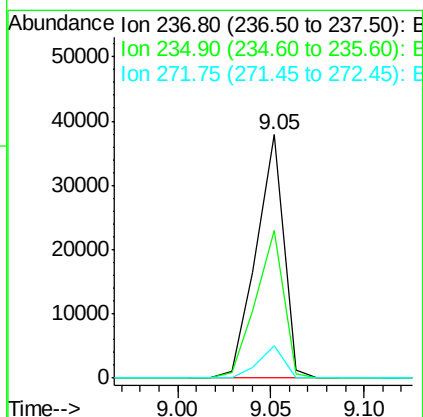
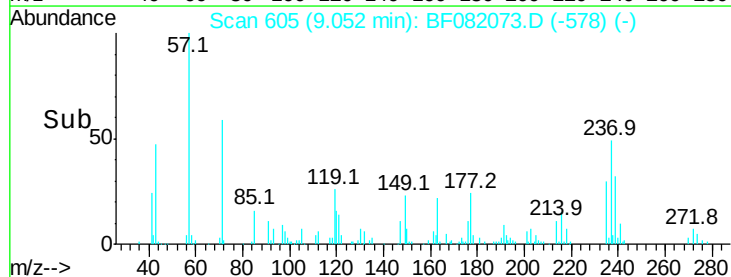
Delta R.T. 0.01 min

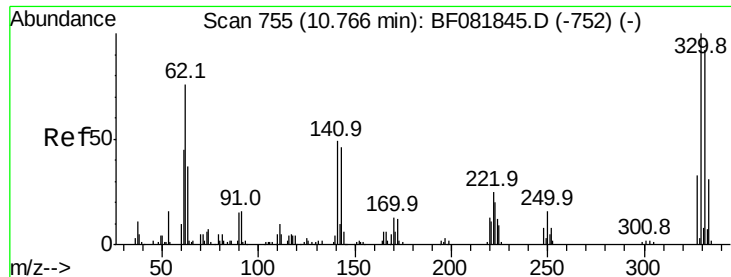
Lab File: BF082073.D

Acq: 6 Oct 2015 5:31



Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.8	42.0	82.0	
272	13.5	0.0	36.1	





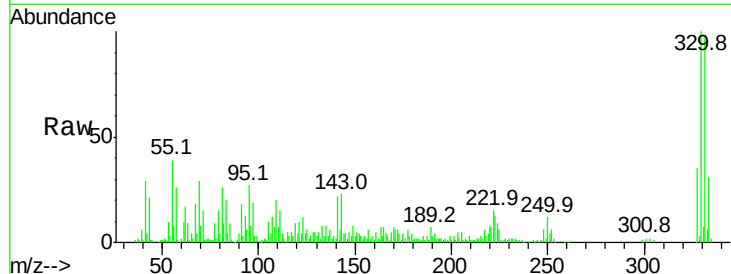
#41
 2,4,6-Tribromophenol
 Concen: 143.27 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	178791		
332	97.7	76.6	114.8	
141	30.0	29.7	44.5	

Manual Integrations
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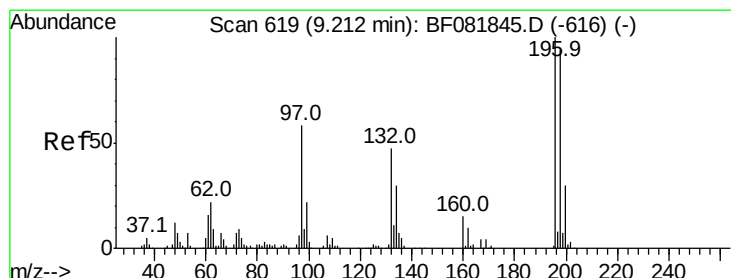
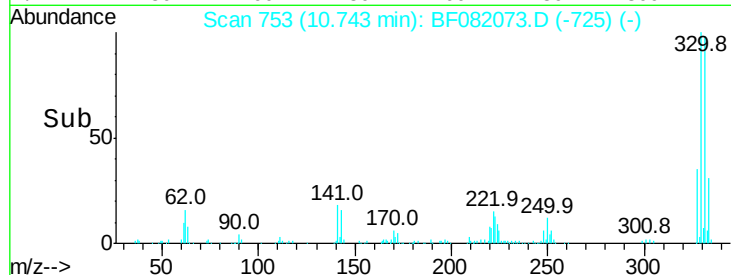
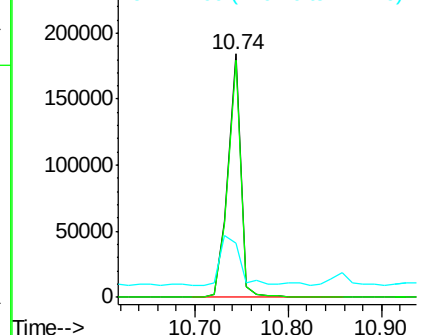


Abundance

Ion 329.80 (329.50 to 330.50): E

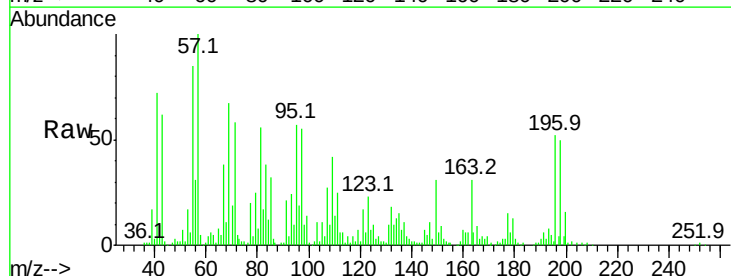
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.82 ng
 RT: 9.19 min Scan# 617
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108444		
198	95.8	75.7	113.5	
200	30.1	23.9	35.9	

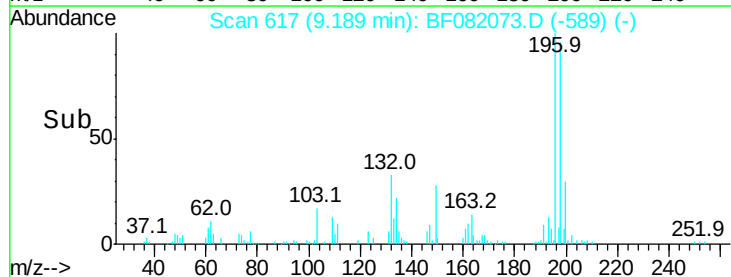
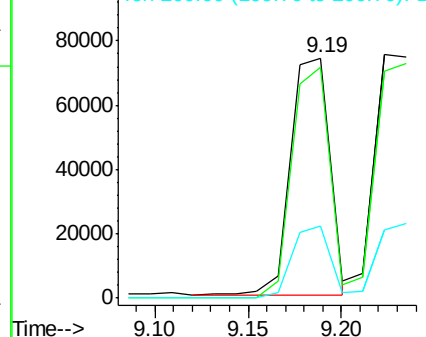


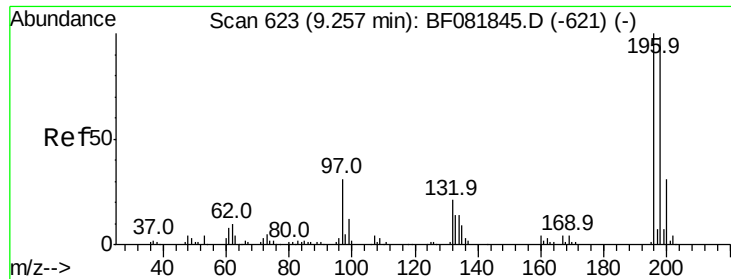
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

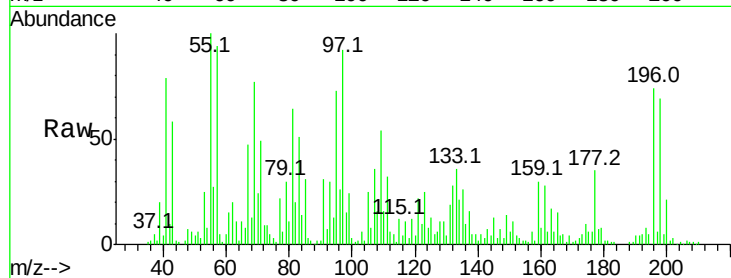
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 41.62 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

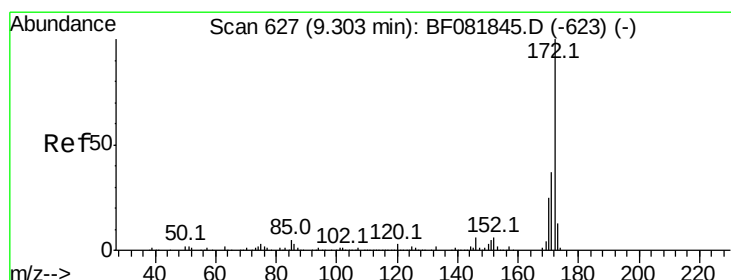
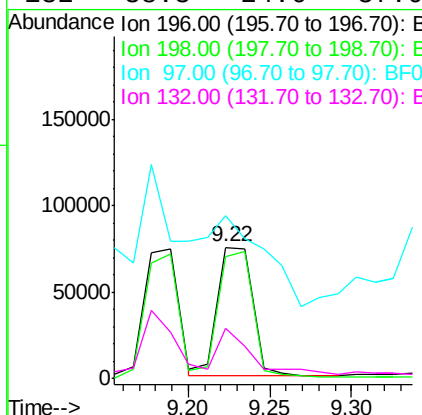
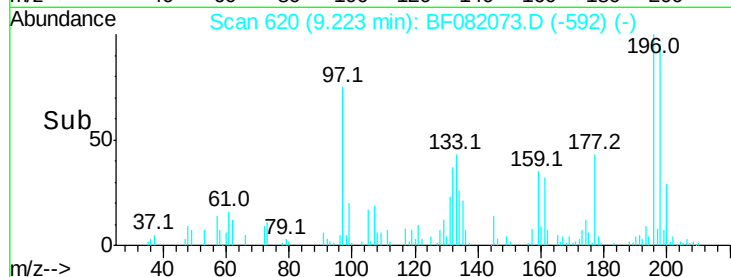
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS



Tot Ion:	196	Resp:	110997
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.4	113.0
97	124.8	33.3	49.9#
132	38.3	24.6	37.0#

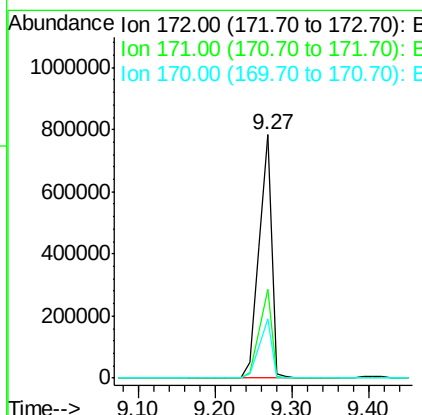
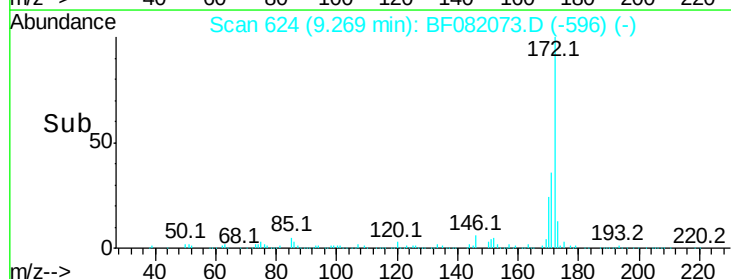
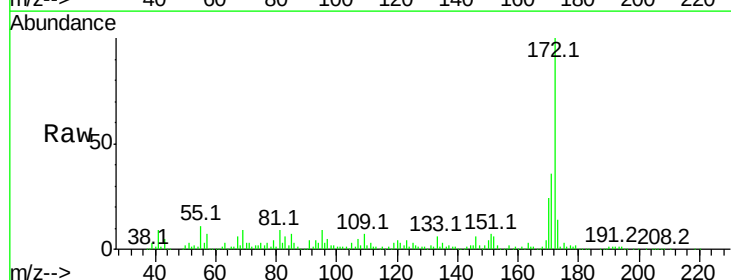
Manual Integrations
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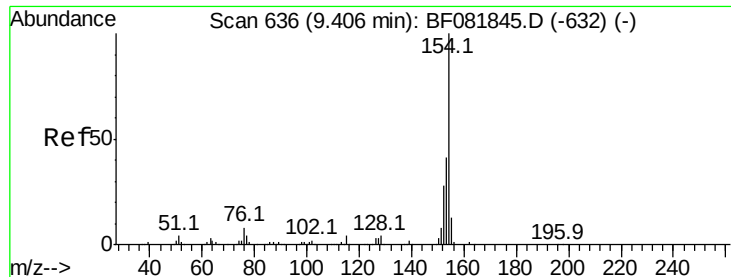
MMDadoda
 10/6/2015 5:54:24 PM



#44
 2-Fluorobiphenyl
 Concen: 136.17 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion:	172	Resp:	888398
Ion Ratio	Lower	Upper	
172	100		
171	36.3	26.1	39.1
170	24.5	17.4	26.2





#45

1,1'-Biphenyl

Concen: 48.09 ng

RT: 9.37 min Scan# 633

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

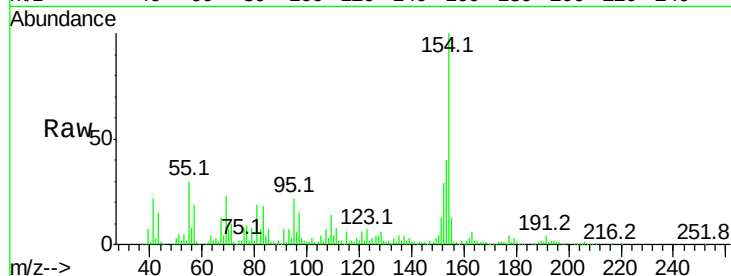
ClientSampleId :

SS-8(0-24)MS

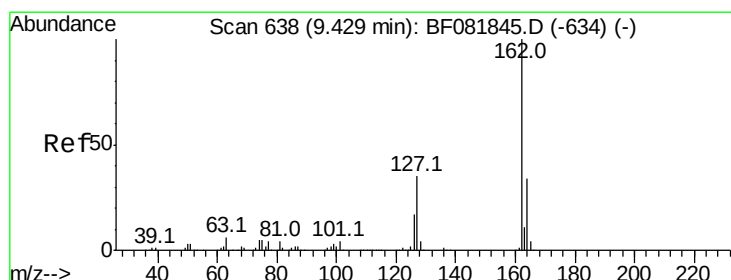
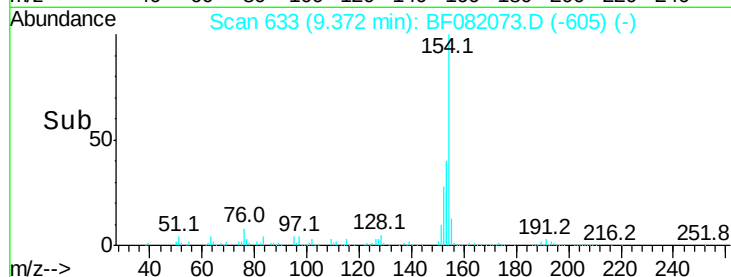
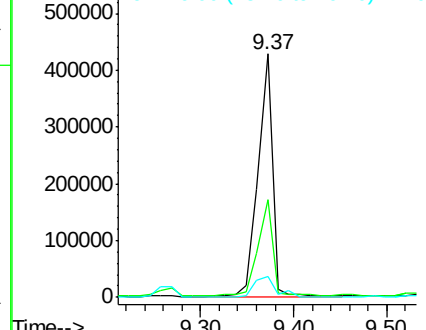
Tot Ion:	154	Resp:	457134
Ion Ratio	Lower	Upper	
154	100		
153	40.3	17.1	57.1
76	8.4	0.0	31.6

Manual Integrations
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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: 44.51 ng

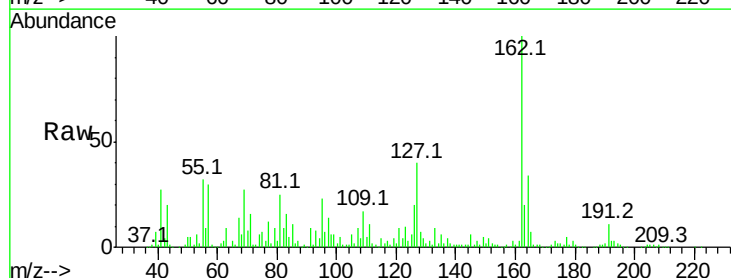
RT: 9.39 min Scan# 635

Delta R.T. 0.01 min

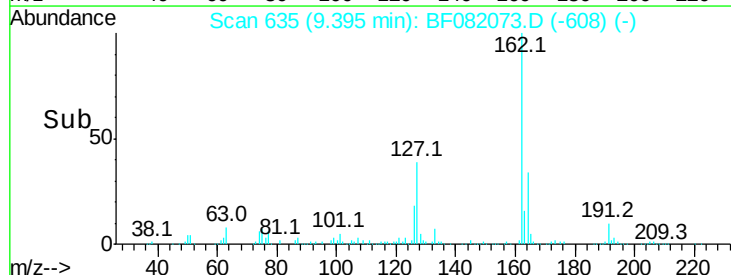
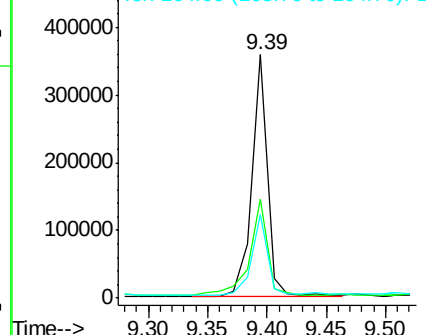
Lab File: BF082073.D

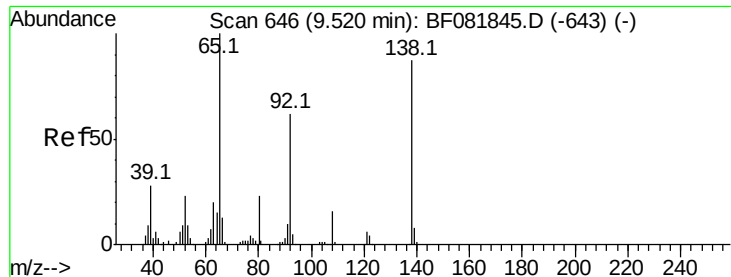
Acq: 6 Oct 2015 5:31

Tgt Ion:	162	Resp:	332253
Ion Ratio	Lower	Upper	
162	100		
127	40.4	27.6	41.4
164	34.3	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: 47.32 ng

RT: 9.49 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

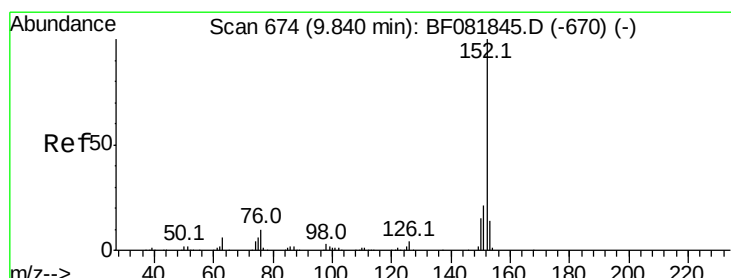
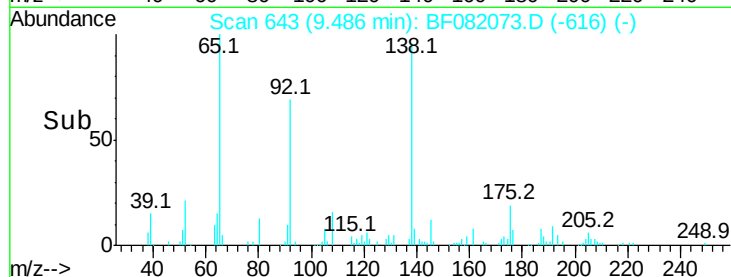
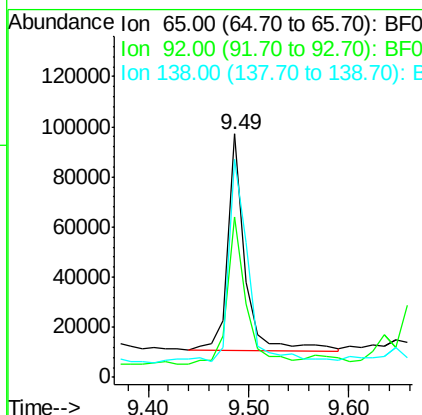
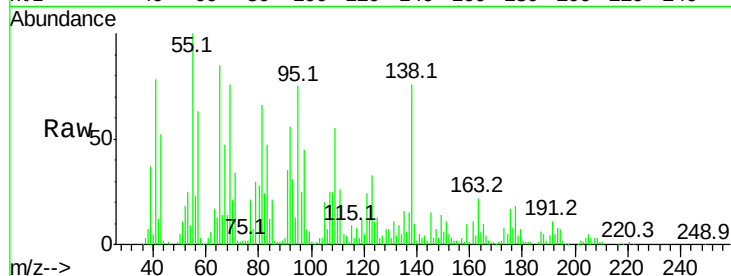
ClientSampleId :

SS-8(0-24)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.8	55.4	83.0
138	89.4	115.5	173.3

Manual Integrations
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#48

Acenaphthylene

Concen: 41.52 ng

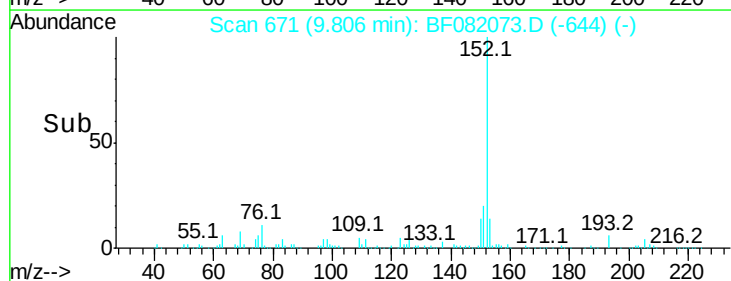
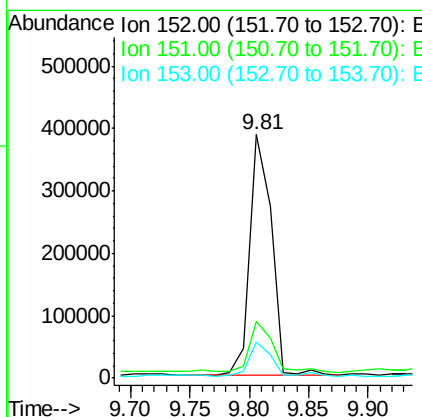
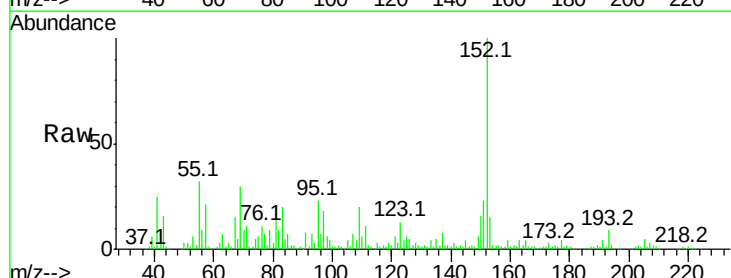
RT: 9.81 min Scan# 671

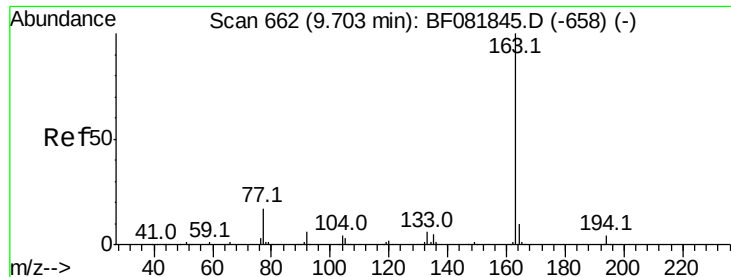
Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.4	14.6	22.0
153	14.8	10.3	15.5





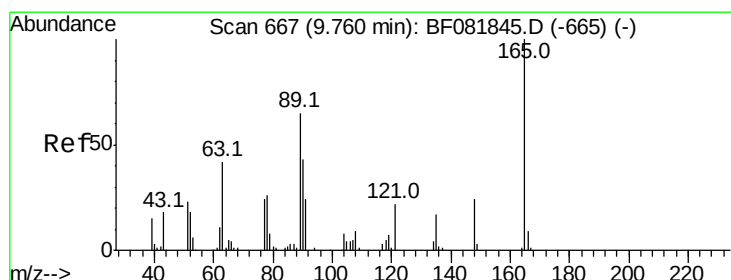
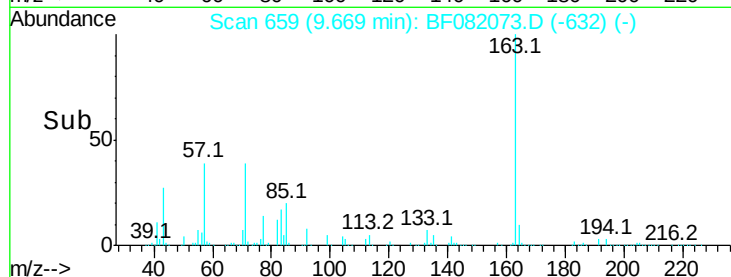
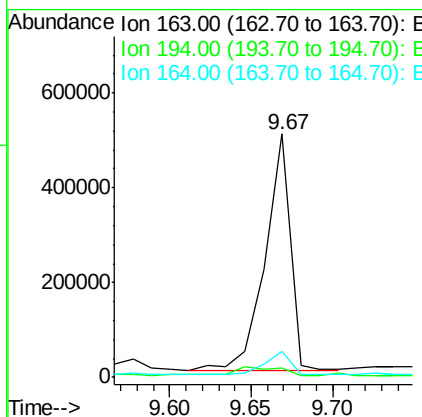
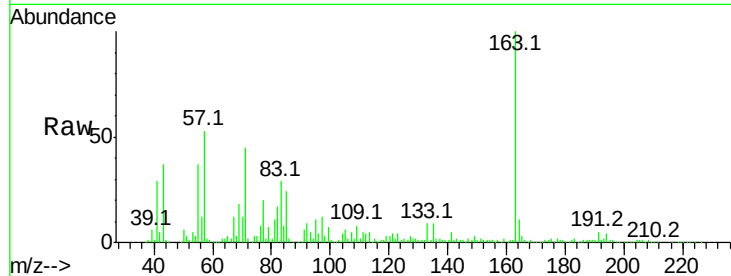
#49
Dimethylphthalate
Concen: 63.78 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	542467		
194	4.0		4.4	6.6#
164	10.7		8.3	12.5

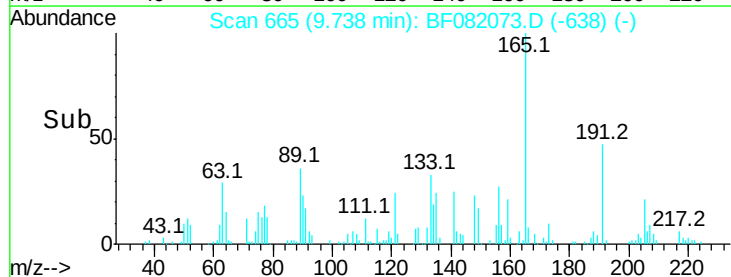
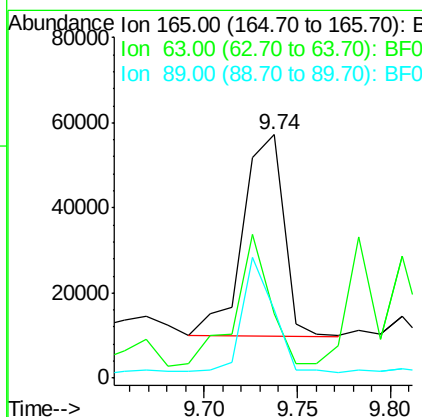
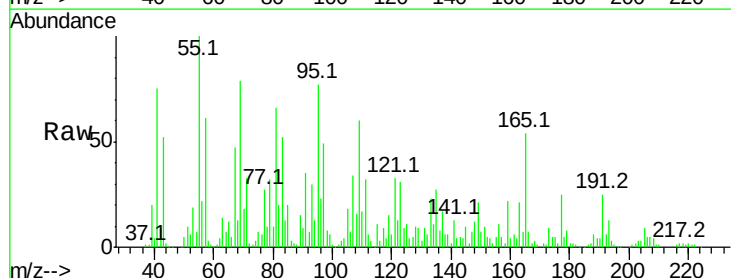
Manual Integrations
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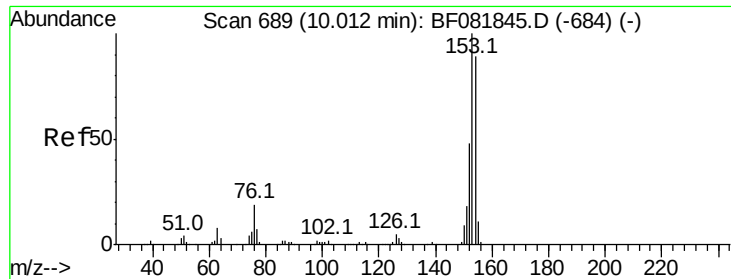
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 38.63 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	71337		
63	26.4		32.3	48.5#
89	28.1		28.6	43.0#





#51

Acenaphthene

Concen: 39.97 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

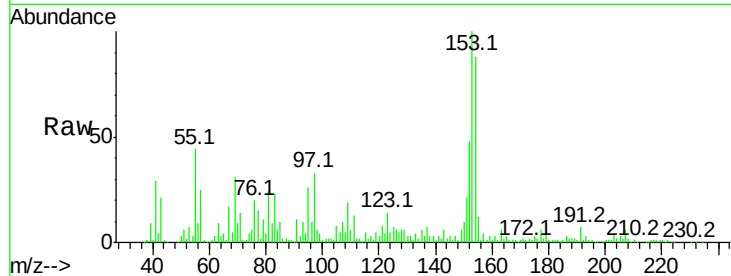
ClientSampleId :

SS-8(0-24)MS

Tot Ion:	154	Resp:	283518
Ion Ratio	Lower	Upper	
154	100		
153	114.2	82.1	123.1
152	55.3	37.9	56.9

Manual Integrations
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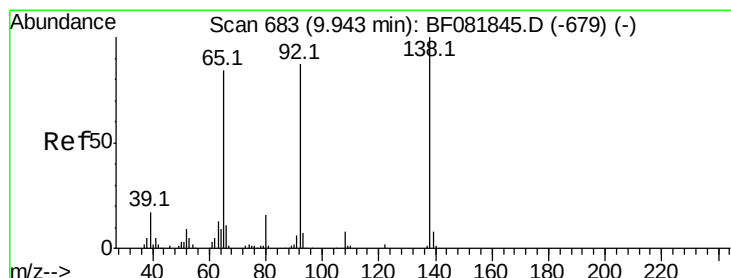
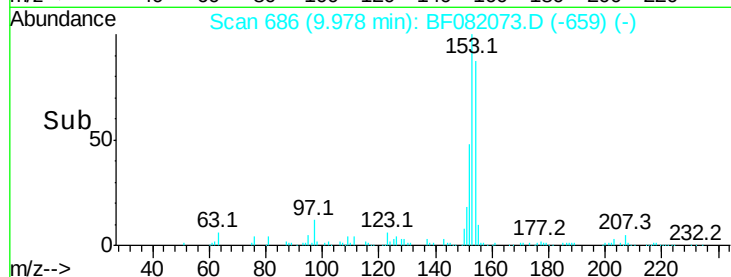
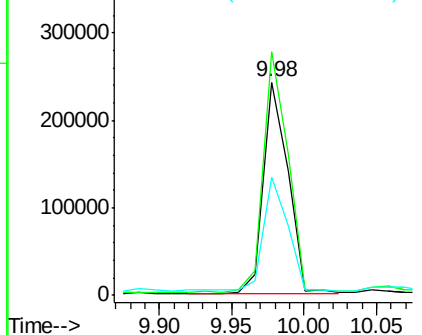
MMDadoda
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.97 ng

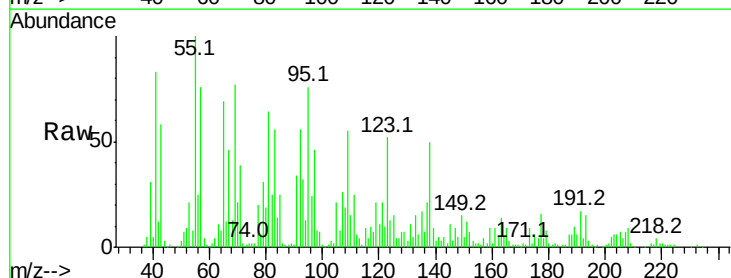
RT: 9.90 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

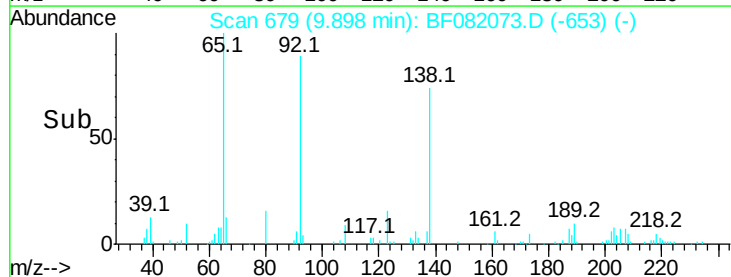
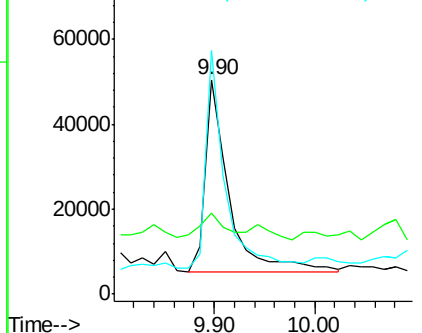
Tgt Ion:	138	Resp:	74702
Ion Ratio	Lower	Upper	
138	100		
108	37.8	5.7	8.5#
92	113.5	67.7	101.5#

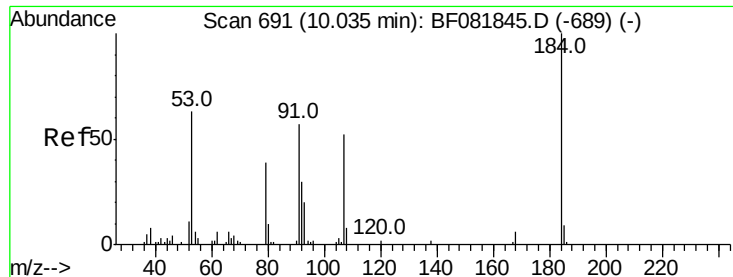


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





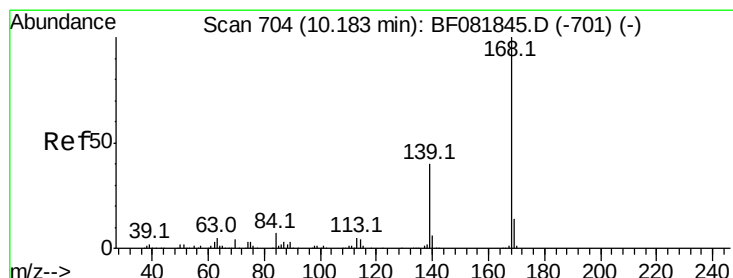
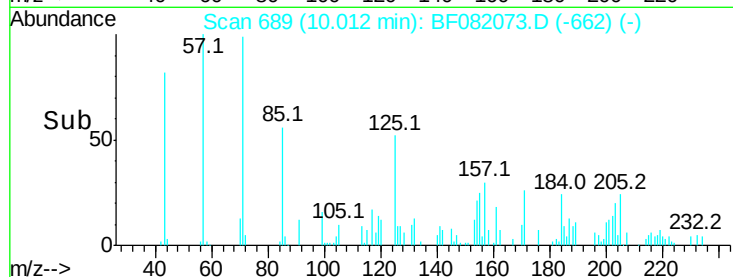
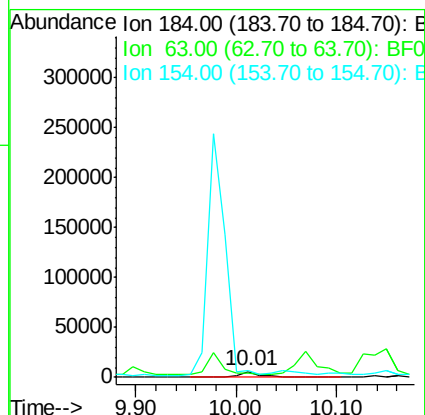
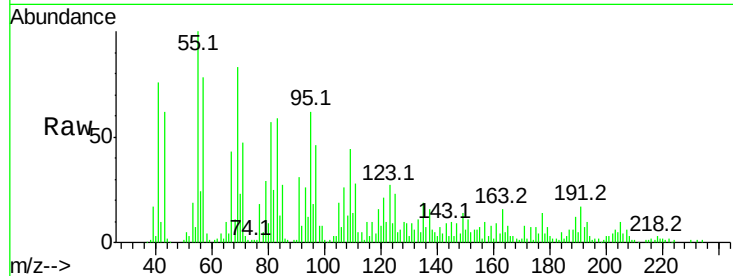
#53
2,4-Dinitrophenol
Concen: 21.55 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	87.0	35.4	53.2#	
154	118.5	32.2	48.4#	

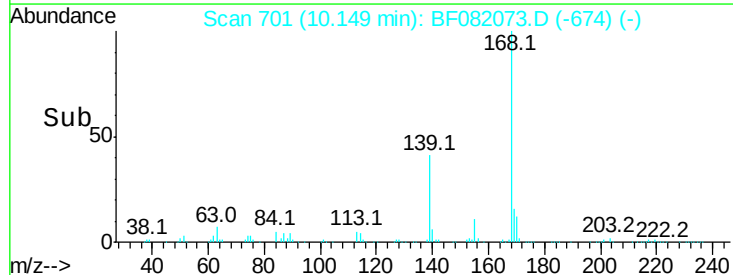
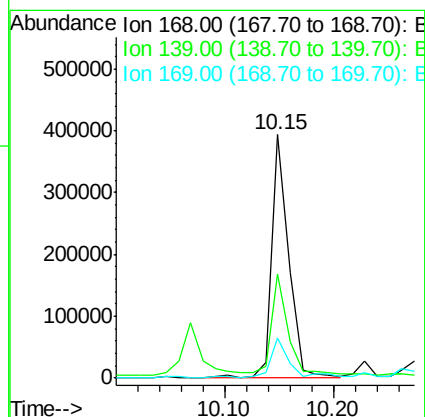
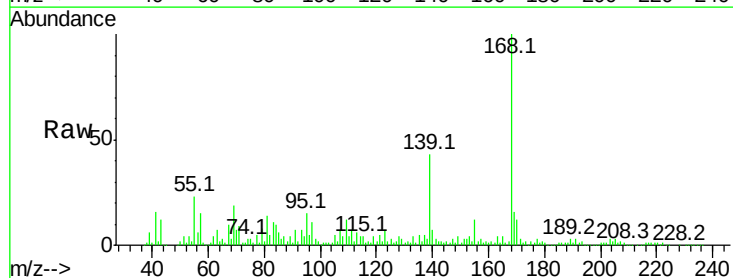
Manual Integrations
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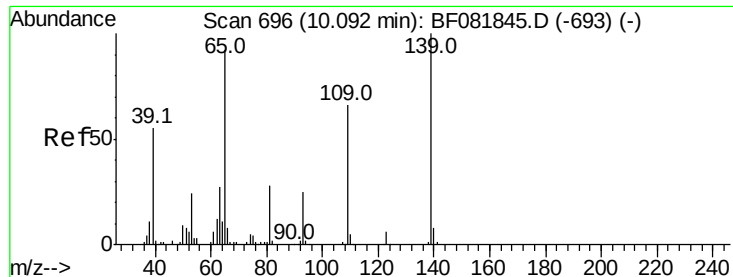
MMDadoda
10/6/2015 5:54:24 PM



#54
Dibenzofuran
Concen: 42.47 ng
RT: 10.15 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.6	24.2	36.2#	
169	16.3	10.6	15.8#	





#55

4-Nitrophenol

Concen: 70.40 ng

RT: 10.07 min Scan# 694

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

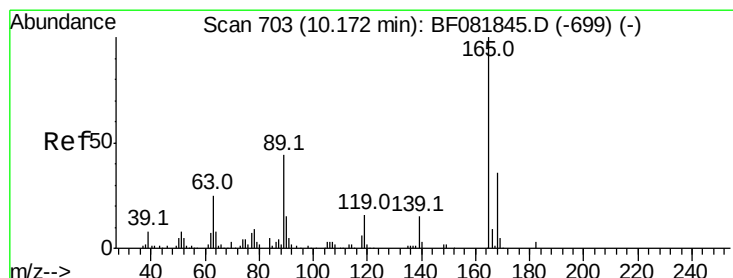
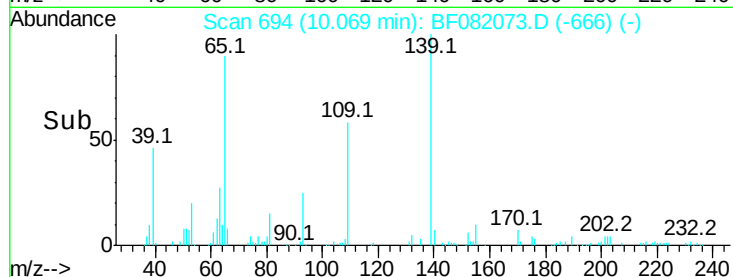
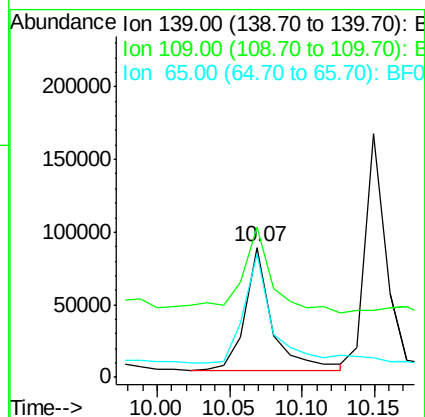
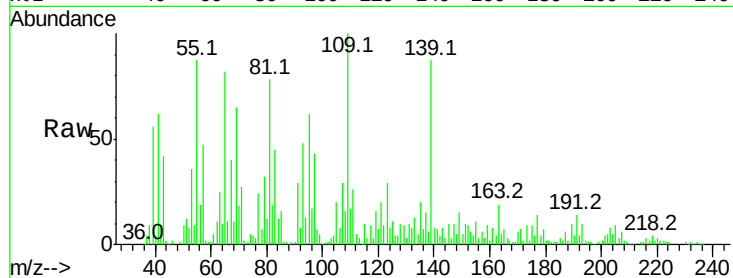
ClientSampleId :

SS-8(0-24)MS

Tot Ion:	139	Resp:	108672
Ion Ratio	Lower	Upper	
139	100		
109	115.4	12.7	52.7#
65	94.4	45.9	85.9#

Manual Integrations
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MMDadoda
10/6/2015 5:54:24 PM



#56

2,4-Dinitrotoluene

Concen: 35.89 ng

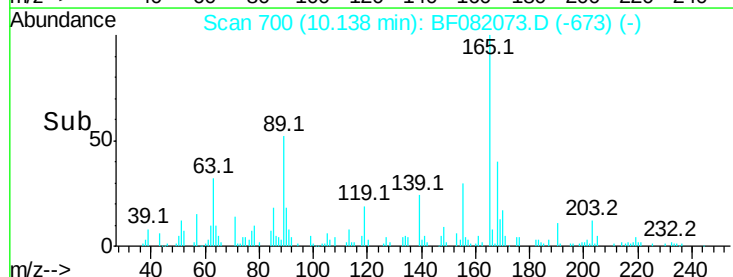
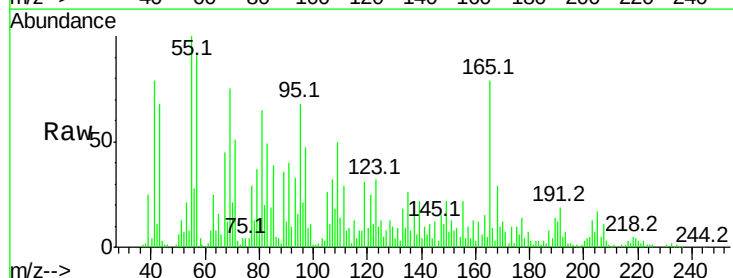
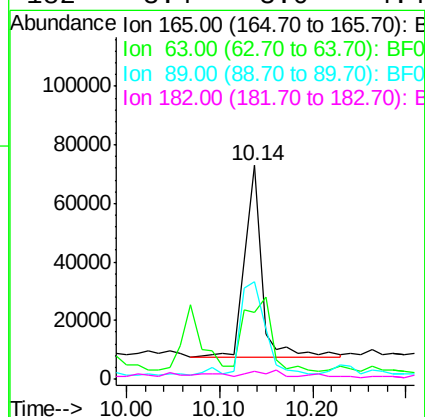
RT: 10.14 min Scan# 700

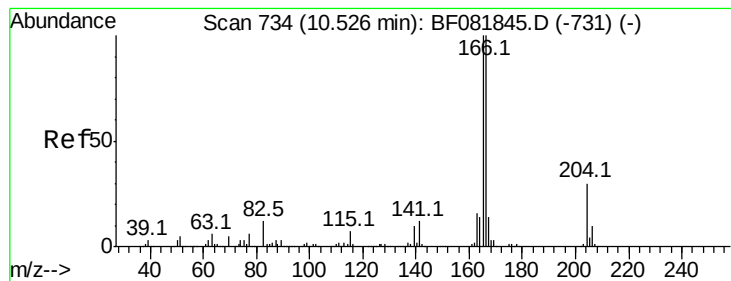
Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:	165	Resp:	84487
Ion Ratio	Lower	Upper	
165	100		
63	31.1	29.8	44.6
89	45.8	44.5	66.7
182	3.4	3.0	4.4





#57

Fluorene

Concen: 46.08 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF082073.D

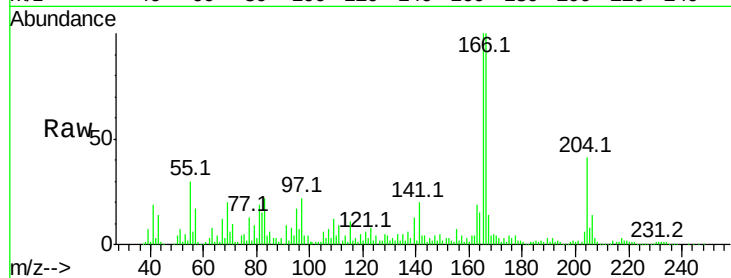
Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

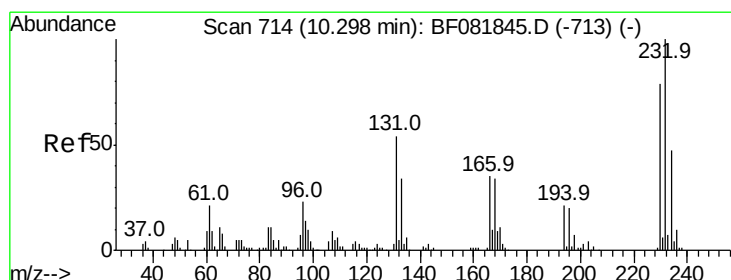
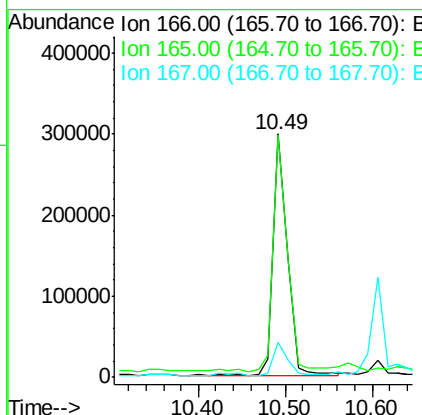
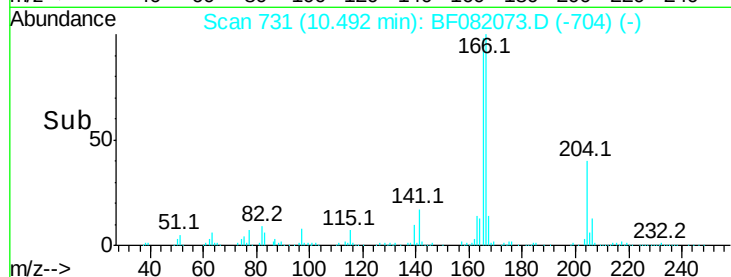
SS-8(0-24)MS



Tot Ion	166	Resp	330034
Ion Ratio	Lower	Upper	
166	100		
165	99.7	72.6	109.0
167	14.3	10.6	16.0

Manual Integrations
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MMDadoda
10/6/2015 5:54:24 PM



#58

2,3,4,6-Tetrachlorophenol

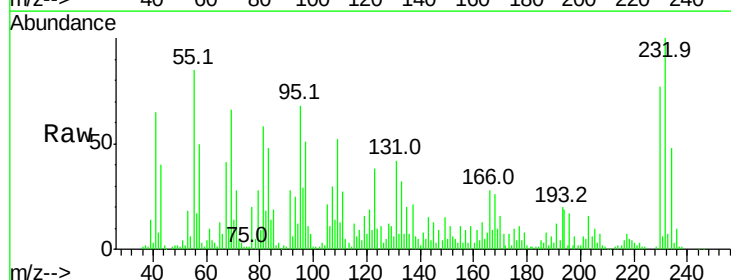
Concen: 42.82 ng

RT: 10.27 min Scan# 712

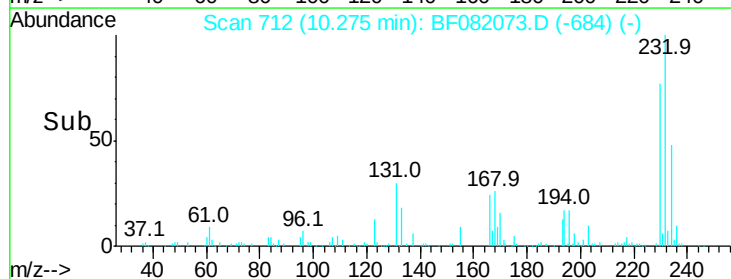
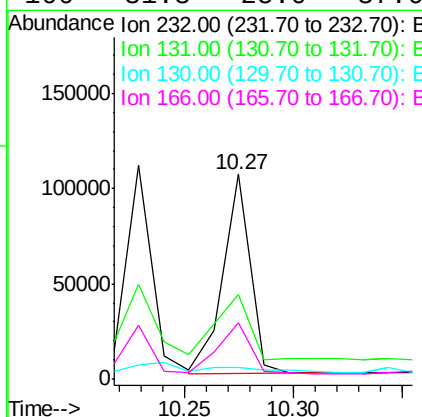
Delta R.T. 0.02 min

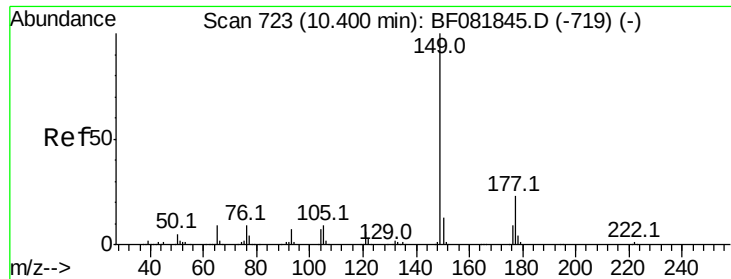
Lab File: BF082073.D

Acq: 6 Oct 2015 5:31



Tgt Ion	232	Resp	90587
Ion Ratio	Lower	Upper	
232	100		
131	39.8	38.5	57.7
130	0.0	1.8	2.6#
166	31.3	25.0	37.6





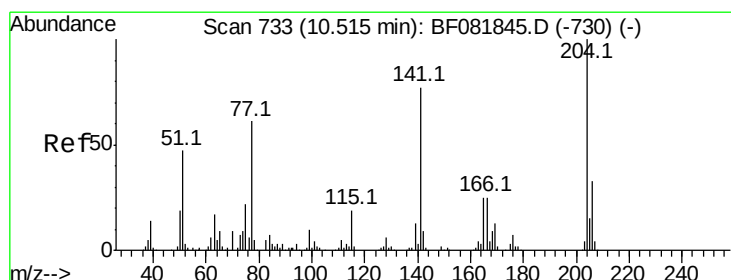
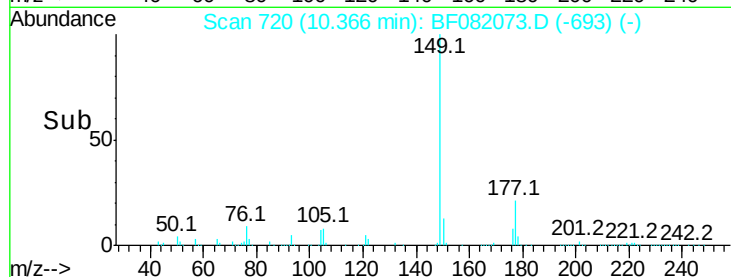
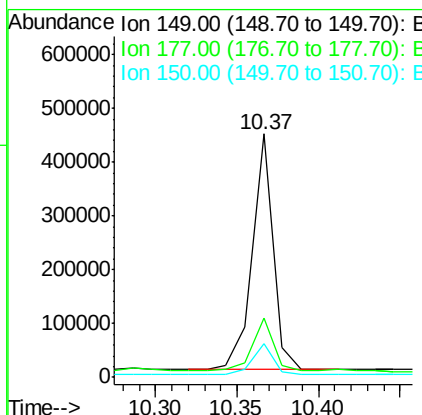
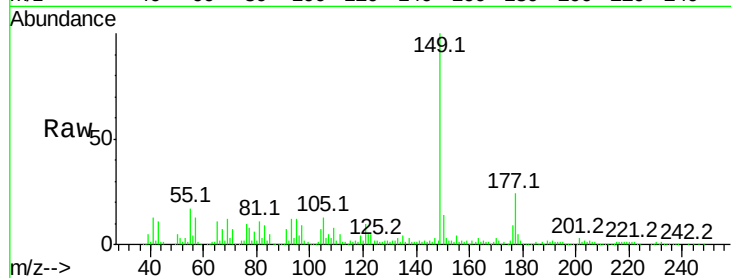
#59
Diethylphthalate
Concen: 49.11 ng
RT: 10.37 min Scan# 720
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	390137		
177	24.4	17.5	26.3	
150	13.7	9.4	14.2	

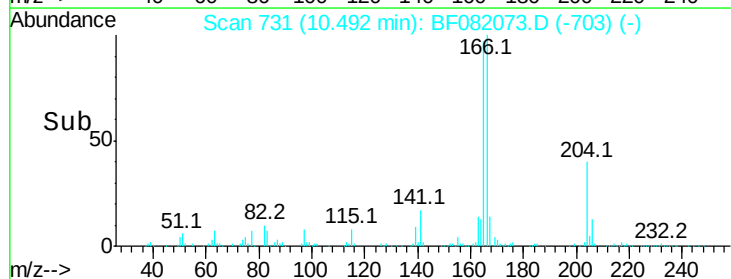
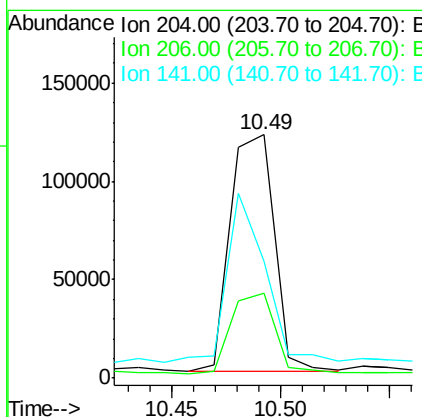
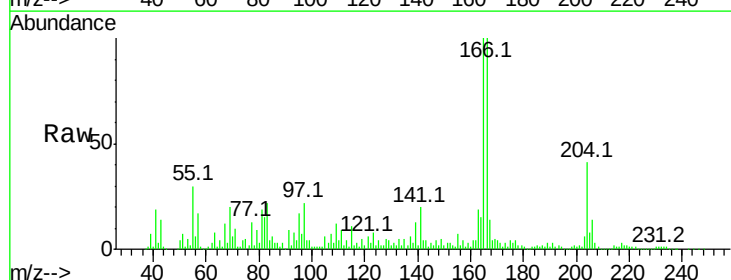
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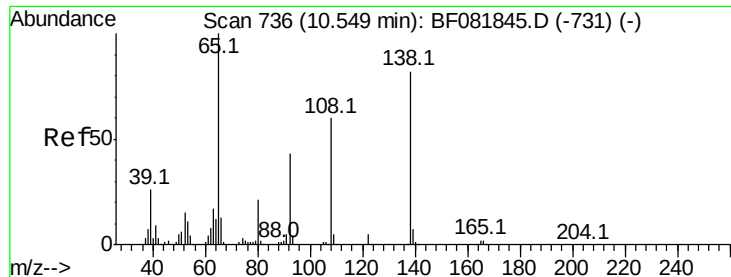
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 46.39 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.02 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	170278		
206	34.9	24.8	37.2	
141	47.9	42.2	63.4	





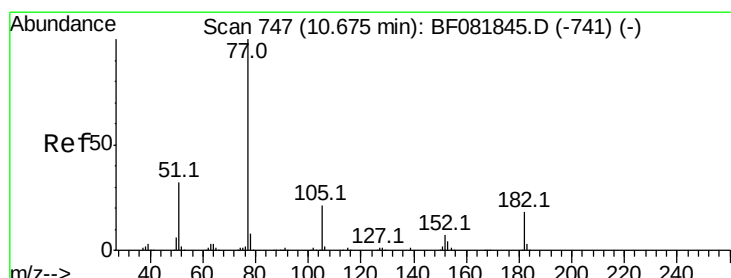
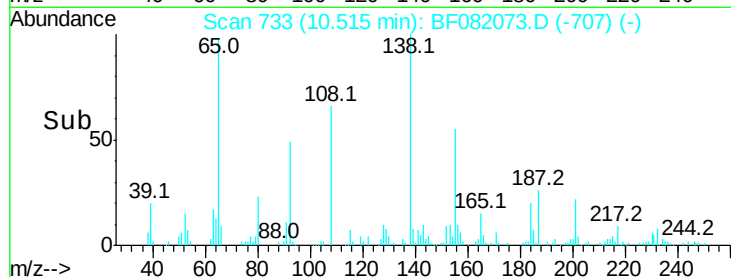
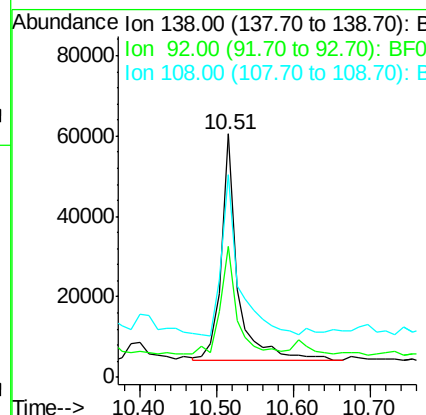
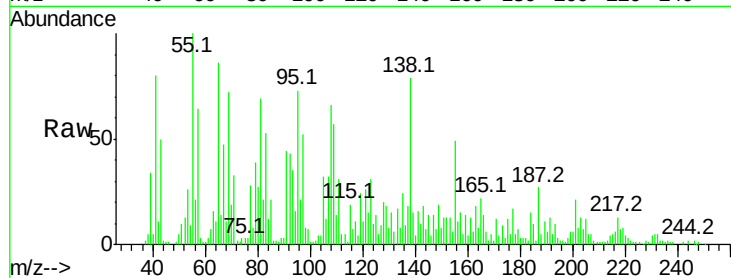
#61
4-Nitroaniline
Concen: 38.54 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.7	12.6	52.6#
108	83.0	12.4	52.4#

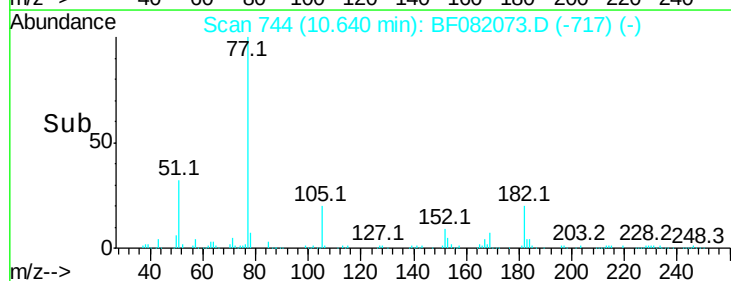
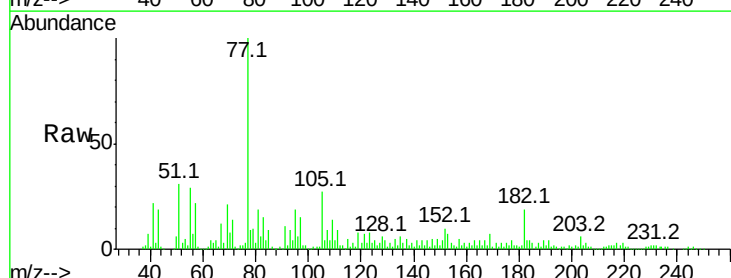
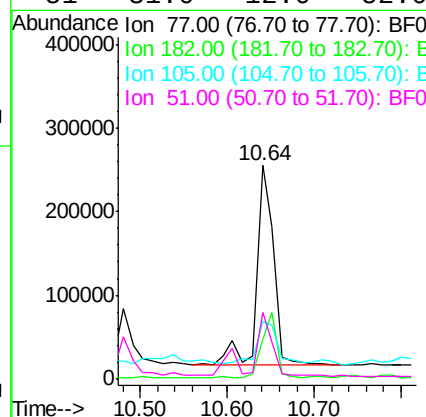
Manual Integrations
APPROVED

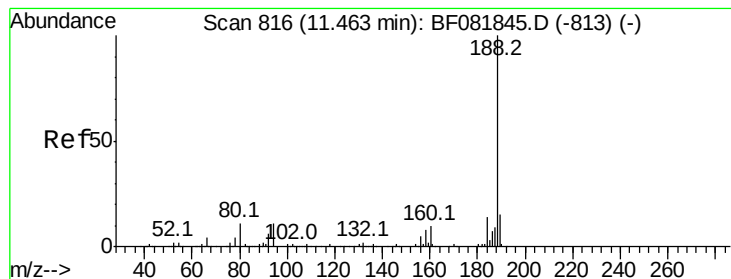
MMDadoda
10/6/2015 5:54:24 PM



#62
Azobenzene
Concen: 42.78 ng
RT: 10.64 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.7	15.1	55.1
105	26.7	3.4	43.4
51	31.0	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

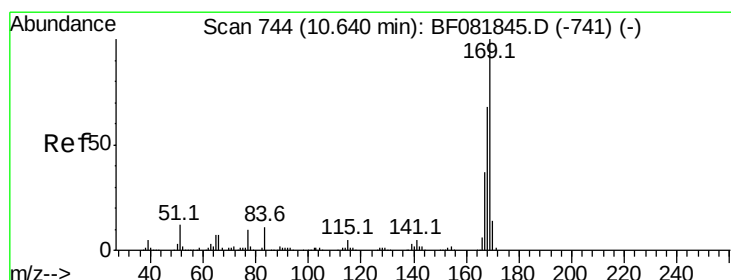
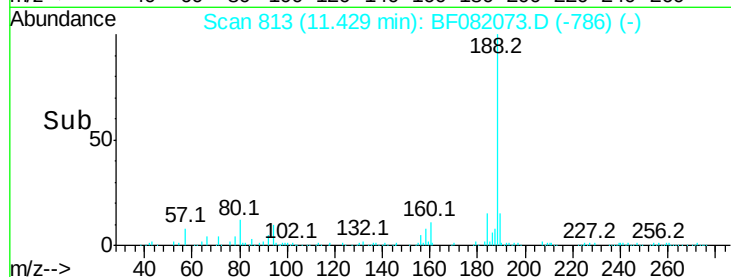
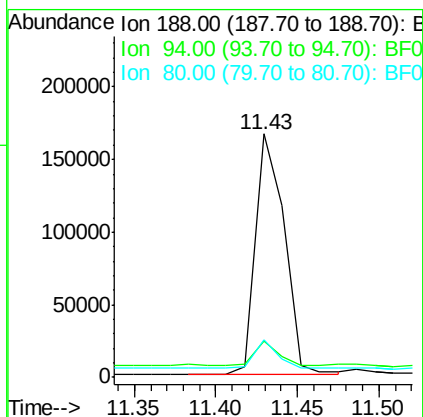
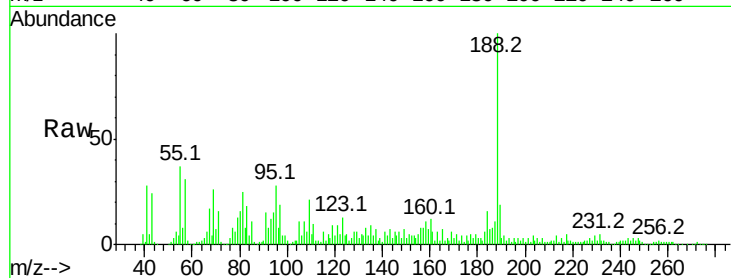
ClientSampleId :

SS-8(0-24)MS

Tot Ion:	188	Resp:	203664
Ion Ratio	Lower	Upper	
188	100		
94	15.1	11.1	16.7
80	15.5	11.0	16.4

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#65

n-Nitrosodiphenylamine

Concen: 58.78 ng

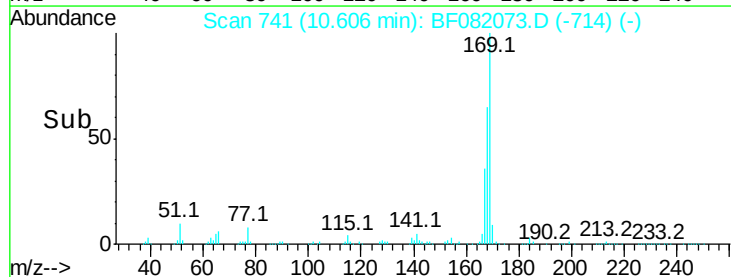
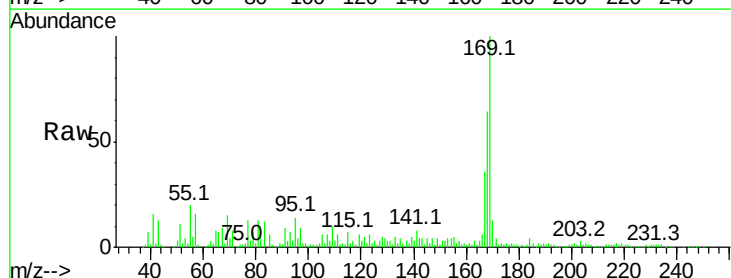
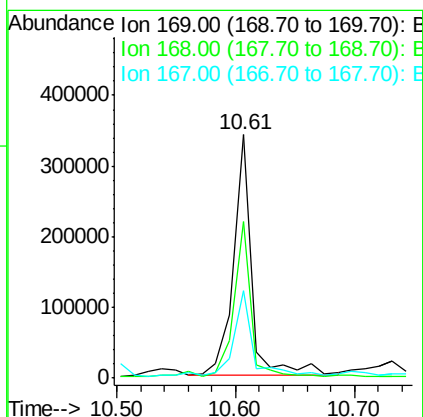
RT: 10.61 min Scan# 741

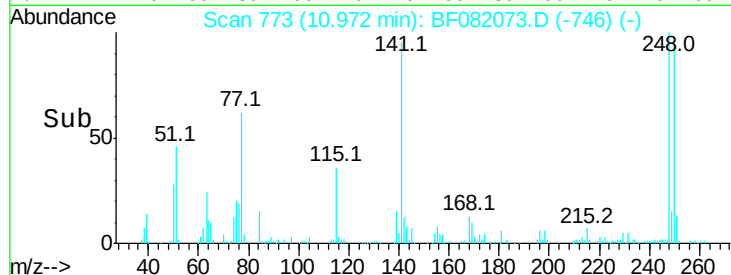
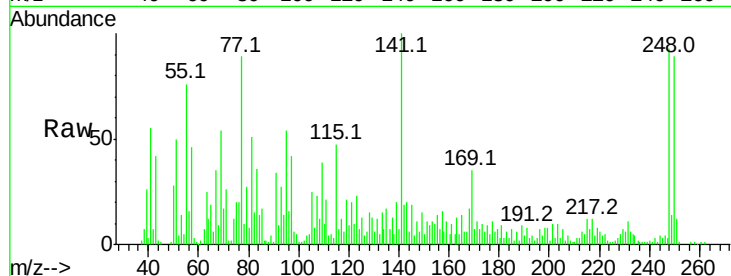
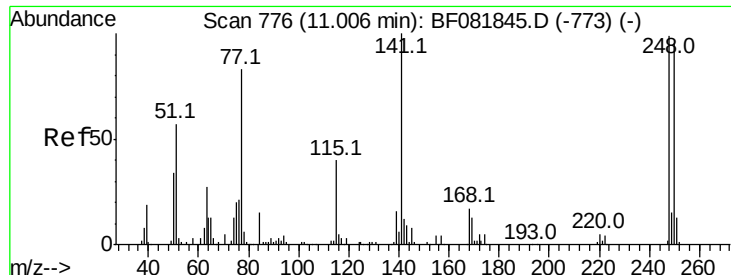
Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:	169	Resp:	362232
Ion Ratio	Lower	Upper	
169	100		
168	64.4	48.9	73.3
167	35.9	26.2	39.4





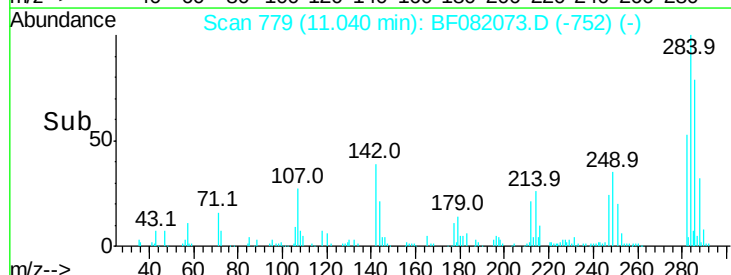
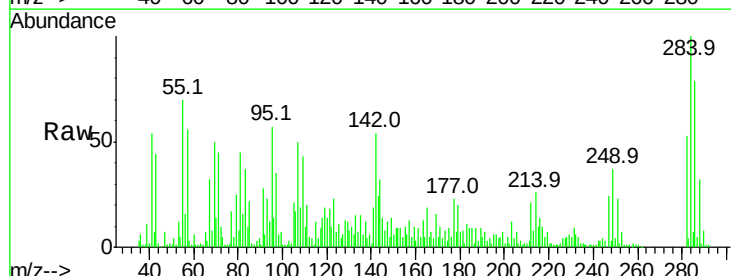
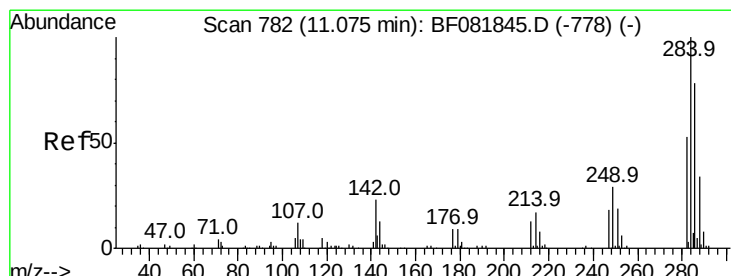
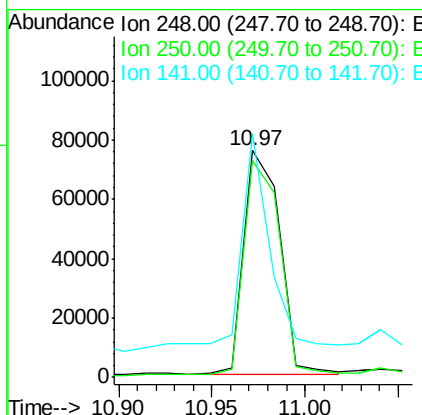
#66
4-Bromophenyl-phenylether
Concen: 48.91 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.5	117.7
141	107.4	59.0	88.6#

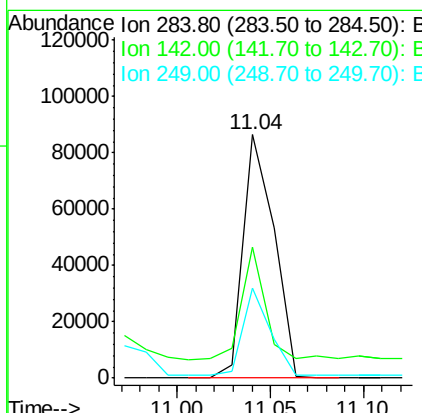
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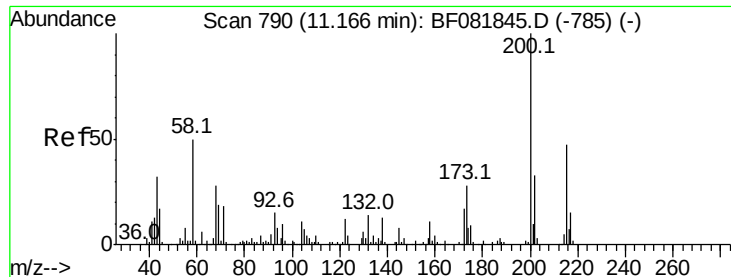
MMDadoda
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#67
Hexachlorobenzene
Concen: 42.97 ng
RT: 11.04 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	54.0	29.5	44.3#
249	36.7	19.5	29.3#





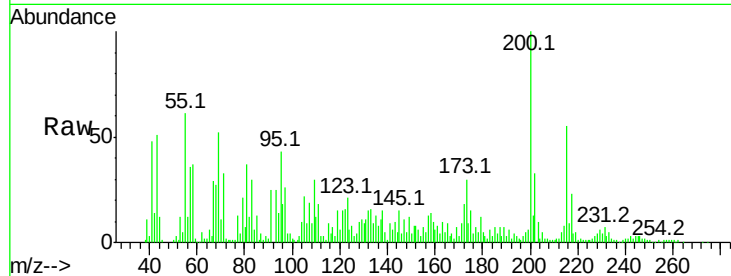
#68
Atrazine
Concen: 53.82 ng
RT: 11.14 min Scan# 788
Delta R.T. 0.02 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

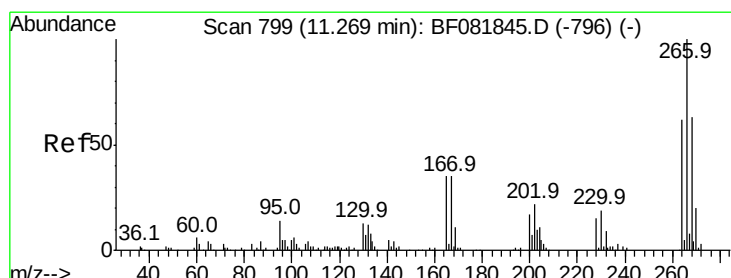
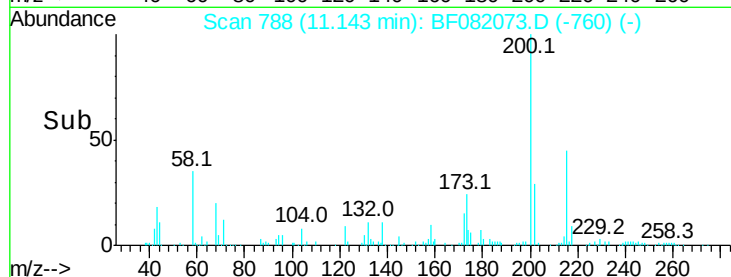
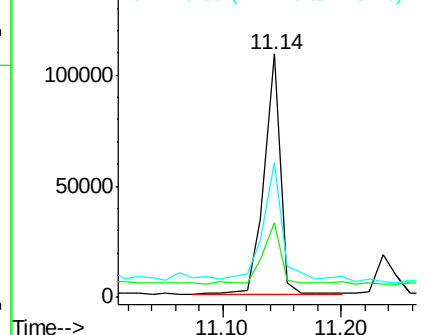
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.5	13.2	53.2
215	55.3	41.8	81.8

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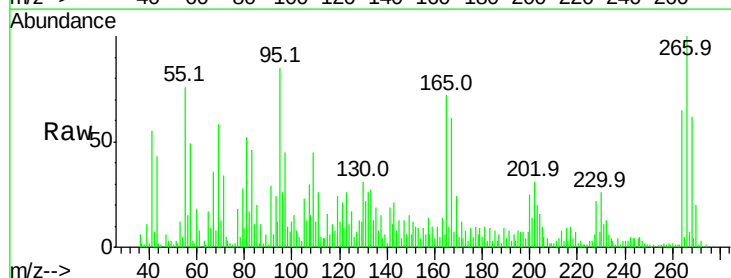


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

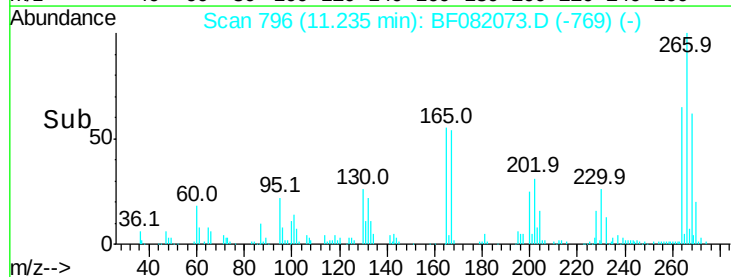
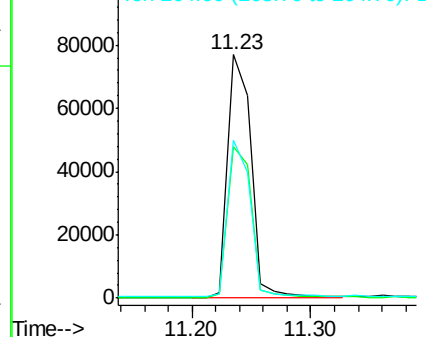


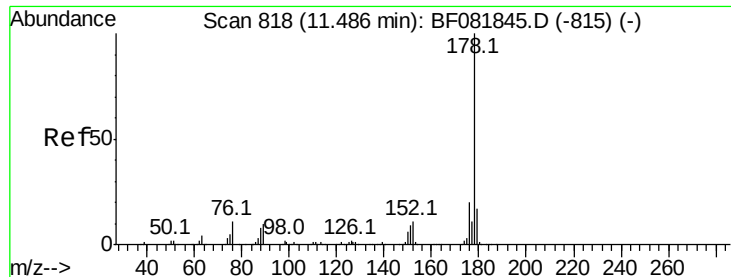
#69
Pentachlorophenol
Concen: 79.75 ng
RT: 11.23 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	49.8	74.6
264	64.7	50.2	75.2



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: 52.61 ng

RT: 11.46 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

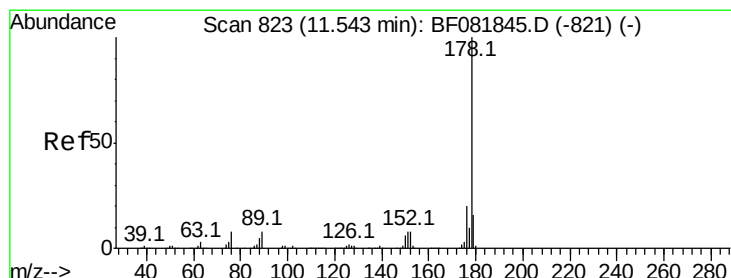
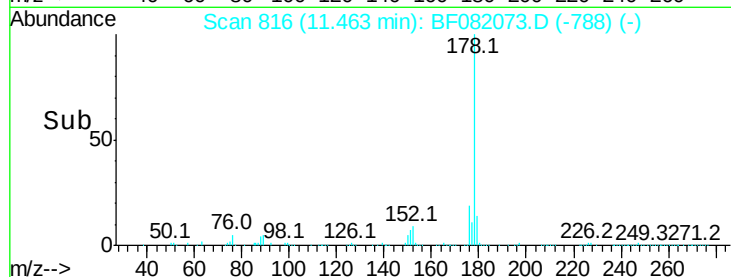
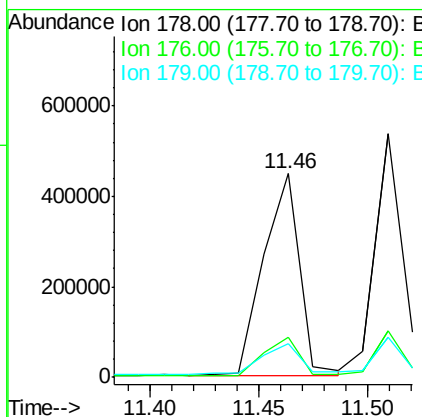
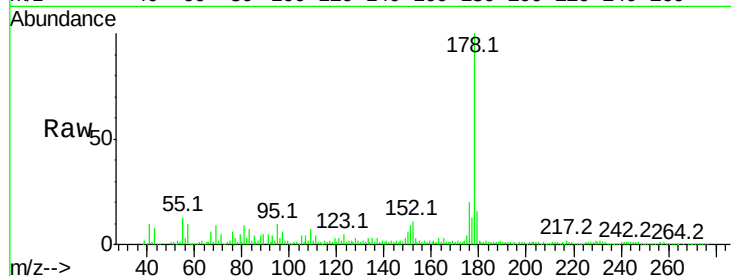
ClientSampleId :

SS-8(0-24)MS

Tot Ion:	178	Resp:	512894
Ion Ratio	Lower	Upper	
178	100		
176	19.8	13.8	20.8
179	16.4	12.2	18.2

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#71

Anthracene

Concen: 48.98 ng

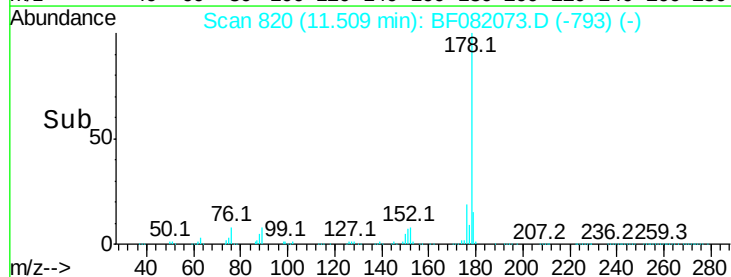
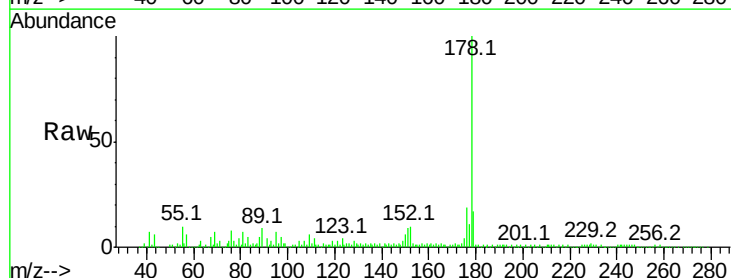
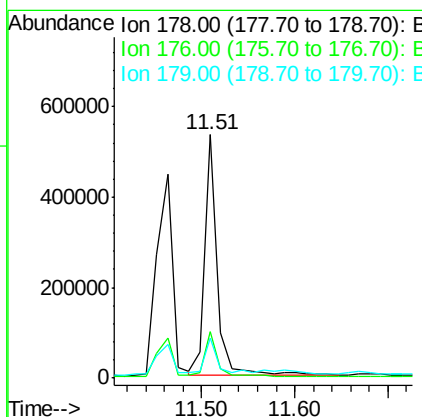
RT: 11.51 min Scan# 820

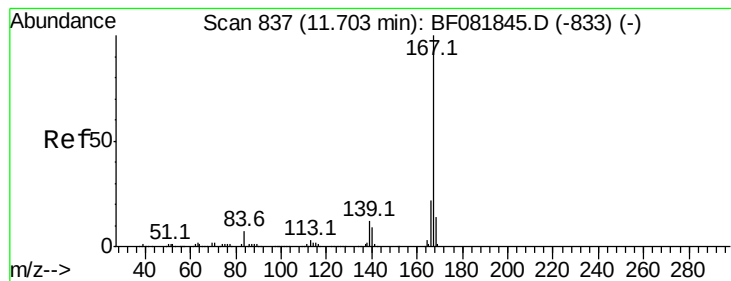
Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:	178	Resp:	506991
Ion Ratio	Lower	Upper	
178	100		
176	19.3	14.1	21.1
179	16.5	12.2	18.2





#72

Carbazole

Concen: 46.21 ng

RT: 11.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

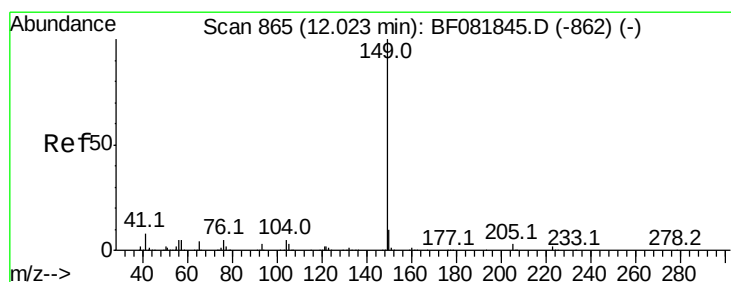
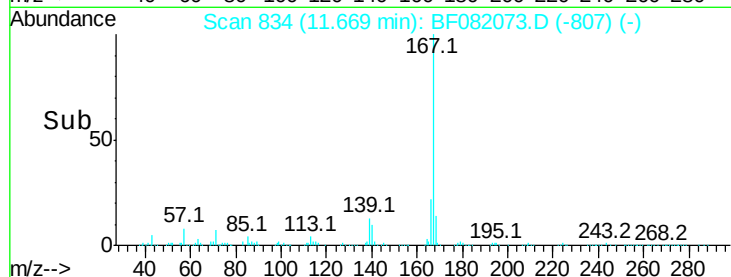
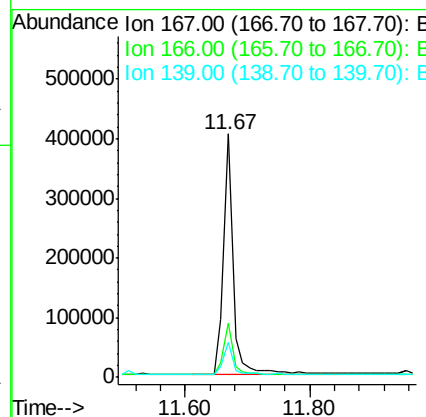
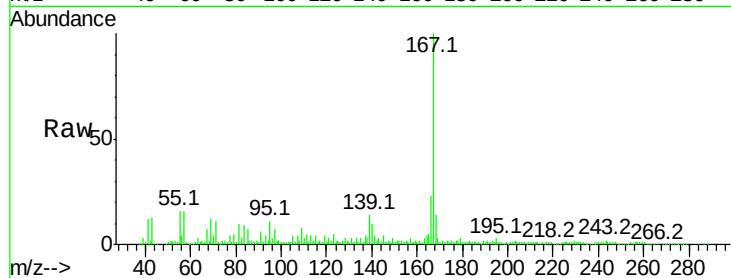
ClientSampleId :

SS-8(0-24)MS

Tot Ion:	167	Resp:	432971
Ion Ratio	Lower	Upper	
167	100		
166	22.5	15.7	23.5
139	14.4	9.5	14.3#

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 55.12 ng

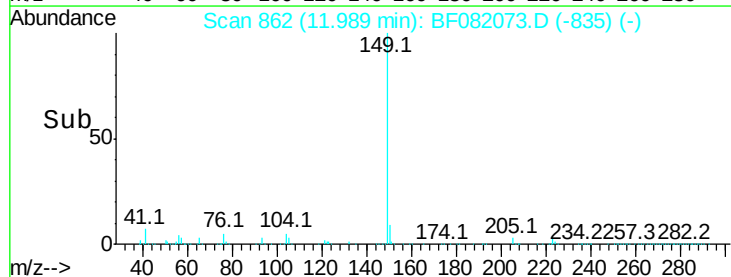
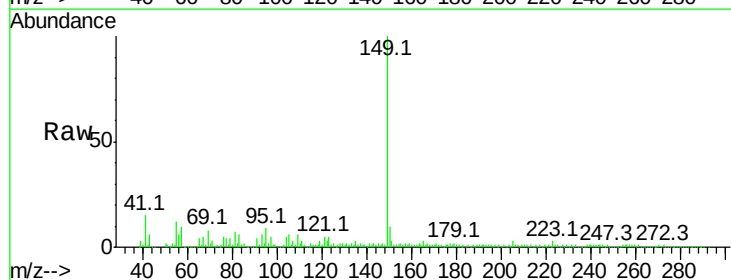
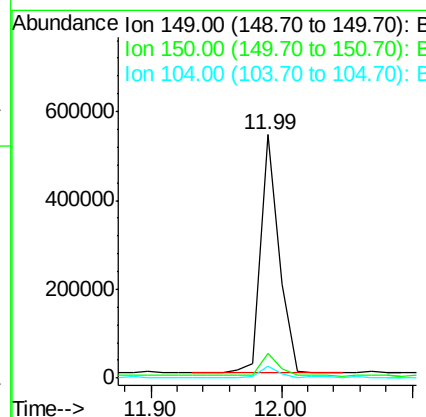
RT: 11.99 min Scan# 862

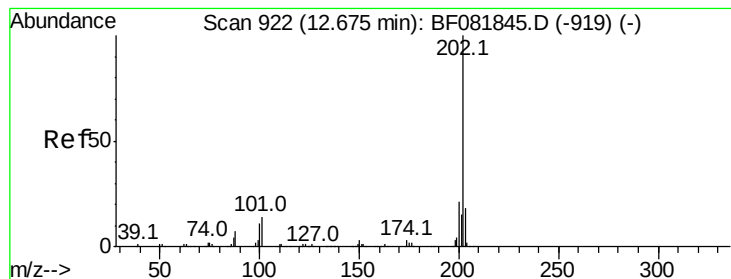
Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:	149	Resp:	523050
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.4	11.2
104	5.0	2.4	3.6#





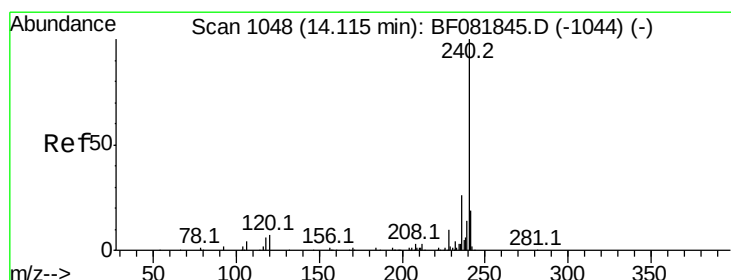
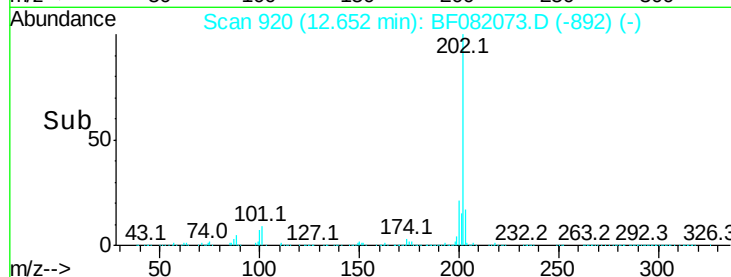
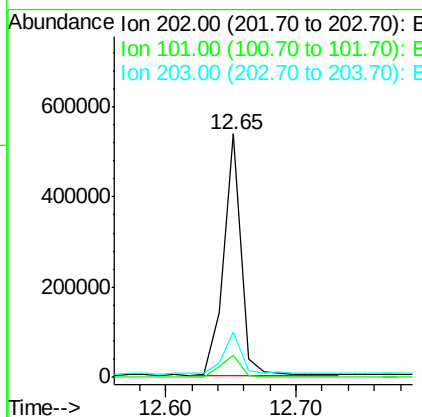
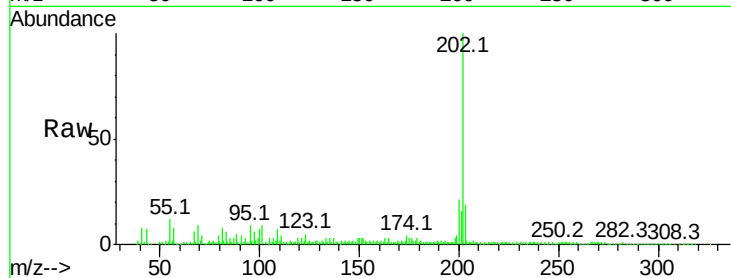
#74
Fluoranthene
Concen: 45.67 ng
RT: 12.65 min Scan# 920
Delta R.T. 0.02 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	0.0	38.3
203	18.5	0.0	37.3

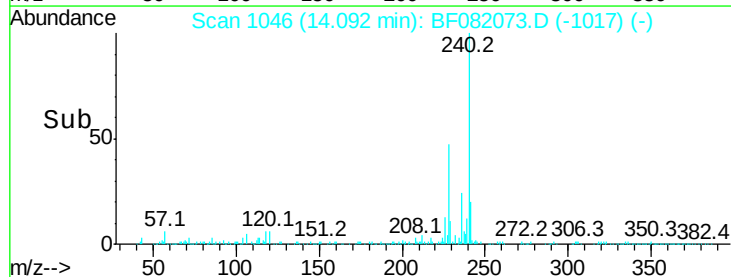
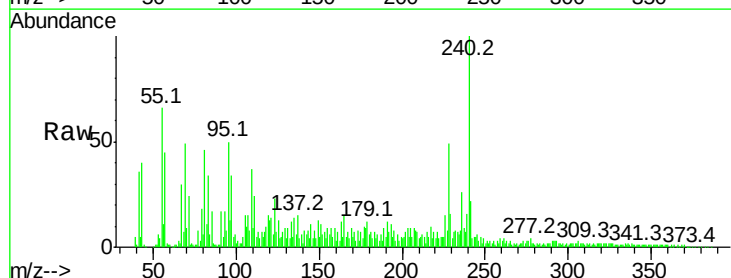
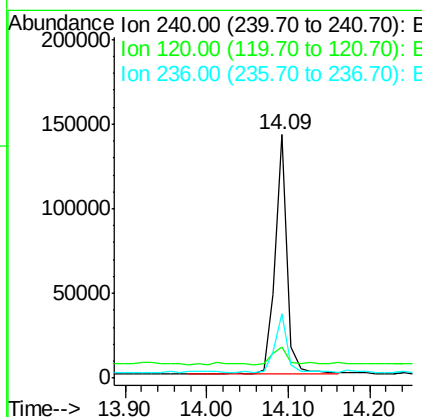
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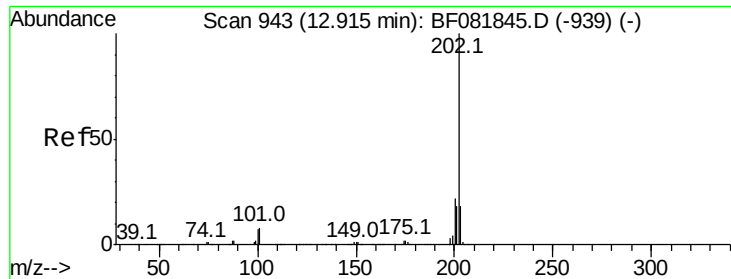
MMDadoda
10/6/2015 5:54:24 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1046
Delta R.T. 0.03 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.7	16.2	24.2#
236	26.3	18.4	27.6





#77

Pvrene

Concen: 53.02 ng

RT: 12.88 min Scan# 940

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

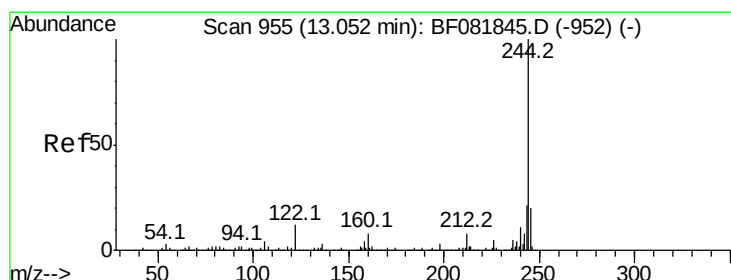
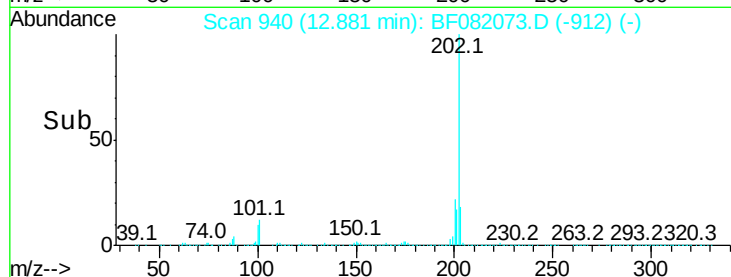
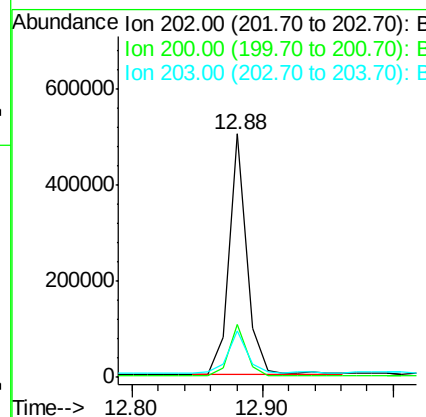
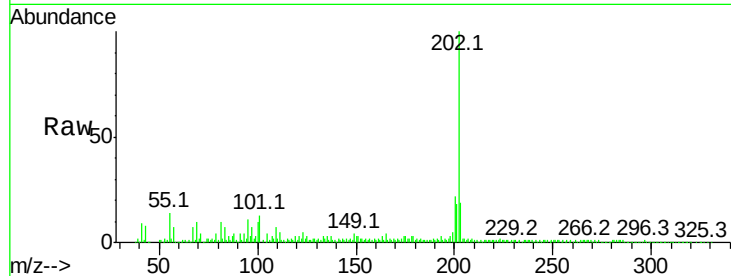
ClientSampleId :

SS-8(0-24)MS

Tot Ion:	202	Resp:	477878
Ion Ratio	Lower	Upper	
202	100		
200	21.9	15.0	22.4
203	19.1	14.1	21.1

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#78

Terphenyl-d14

Concen: -20.00 ng

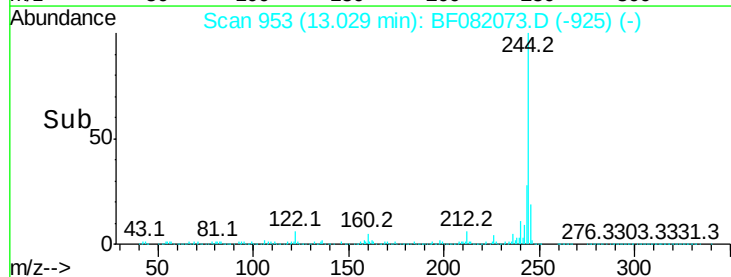
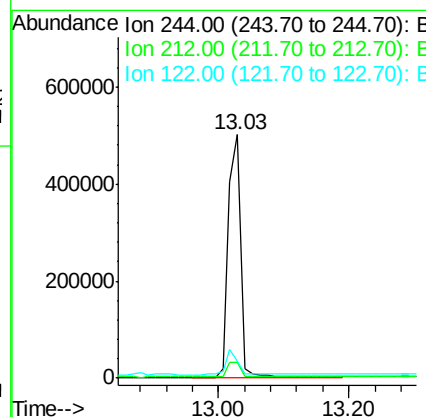
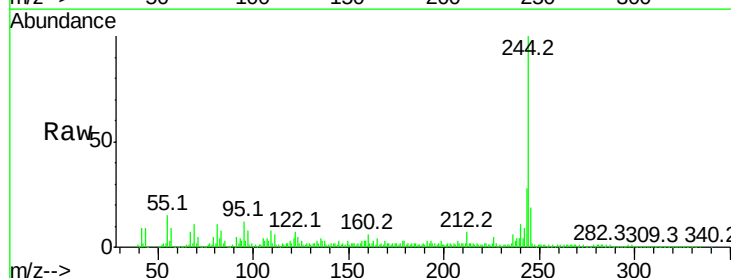
RT: 13.03 min Scan# 953

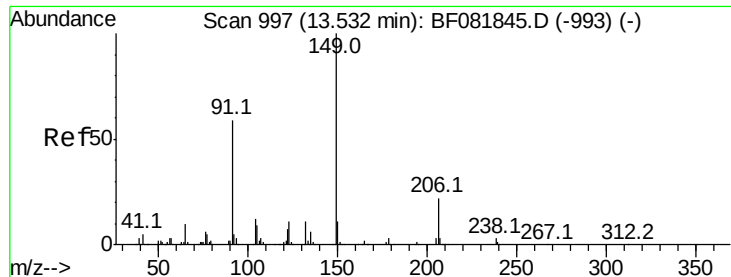
Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:	244	Resp:	665197
Ion Ratio	Lower	Upper	
244	100		
212	6.7	4.3	6.5#
122	7.1	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 55.20 ng

RT: 13.50 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

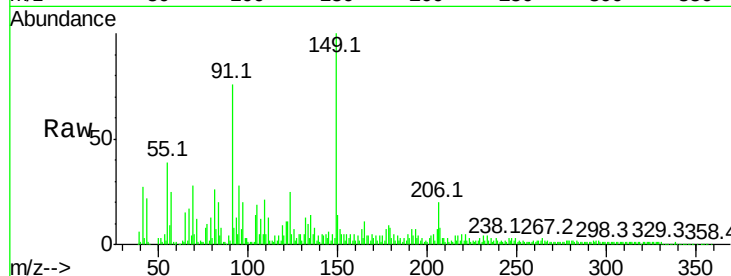
ClientSampleId :

SS-8(0-24)MS

Tot Ion:	149	Resp:	187226
Ion Ratio	Lower	Upper	
149	100		
91	76.5	48.6	72.8#
206	20.0	14.9	22.3

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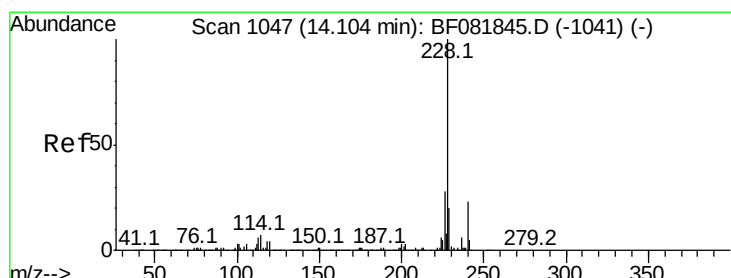
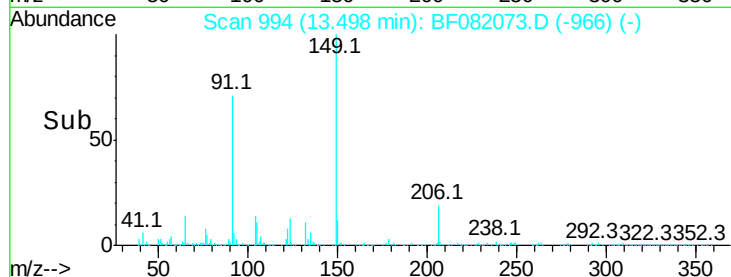
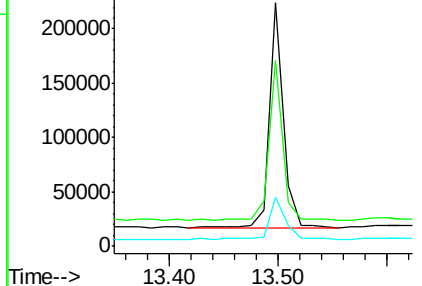
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.27 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.03 min

Lab File: BF082073.D

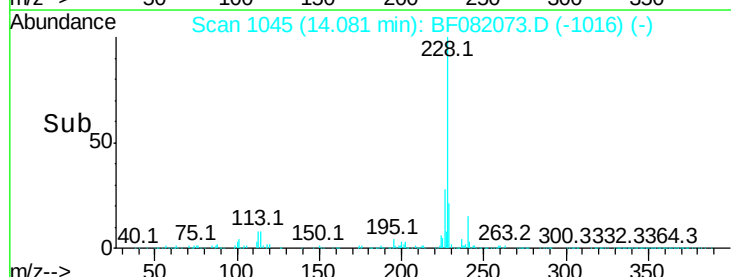
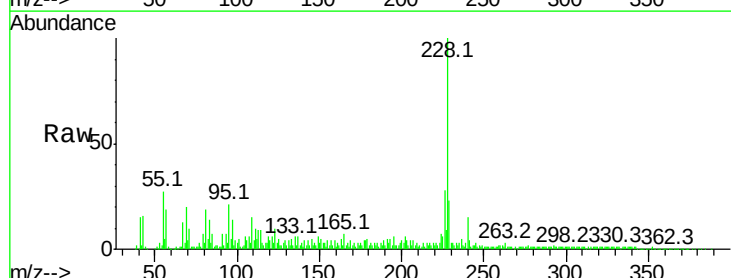
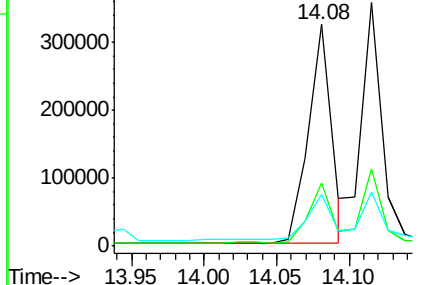
Acq: 6 Oct 2015 5:31

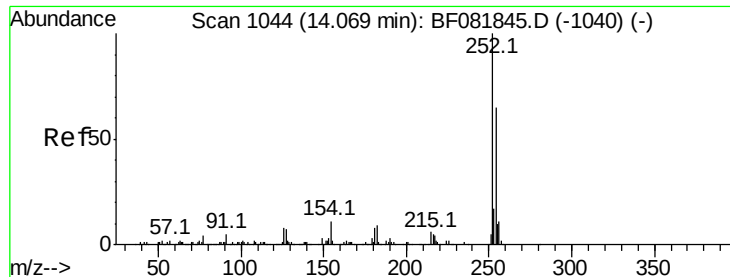
Tgt Ion:	228	Resp:	359647
Ion Ratio	Lower	Upper	
228	100		
226	28.5	20.0	30.0
229	23.1	15.4	23.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 7.55 ng

RT: 14.05 min Scan# 1042

Delta R.T. 0.03 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

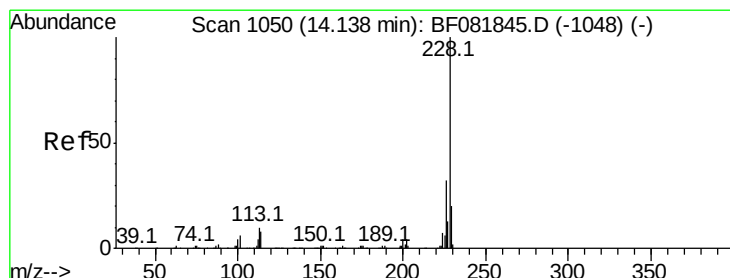
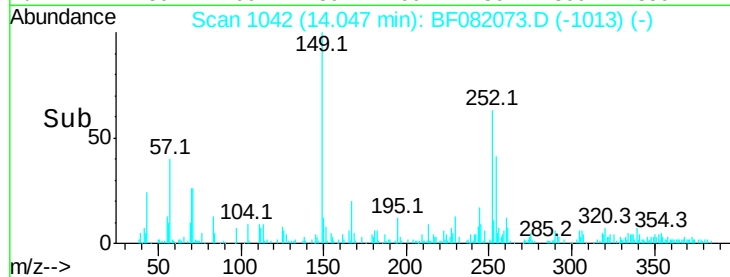
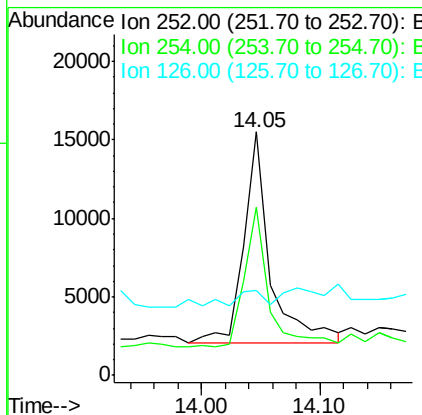
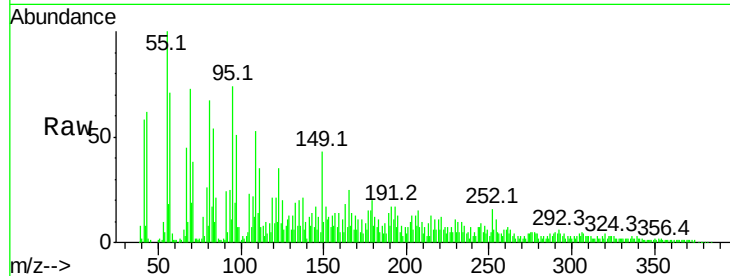
ClientSampleId :

SS-8(0-24)MS

Tot Ion:	252	Resp:	20707
Ion Ratio	Lower	Upper	
252	100		
254	69.0	51.4	77.2
126	34.8	16.4	24.6#

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#82

Chrysene

Concen: Below Cal m

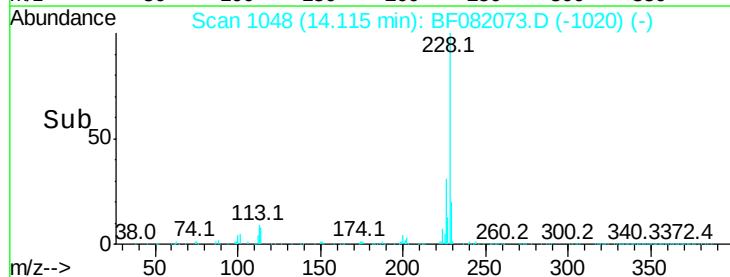
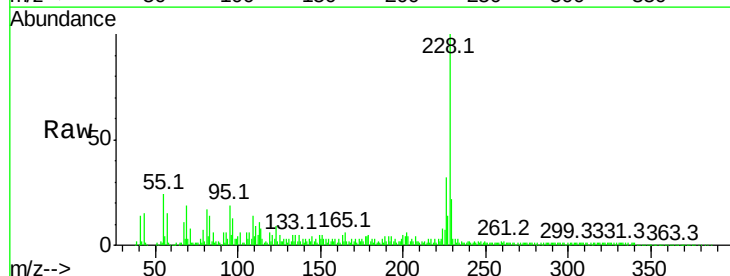
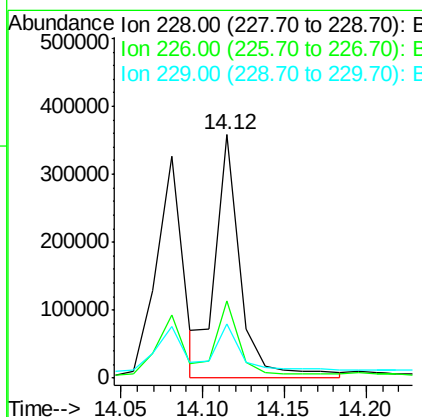
RT: 14.12 min Scan# 1048

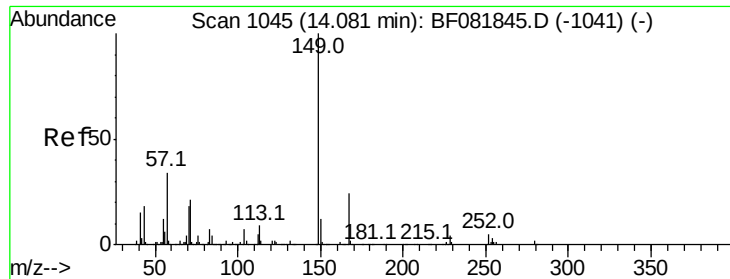
Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:	228	Resp:	383404
Ion Ratio	Lower	Upper	
228	100		
226	31.6	21.0	31.4#
229	22.3	15.6	23.4





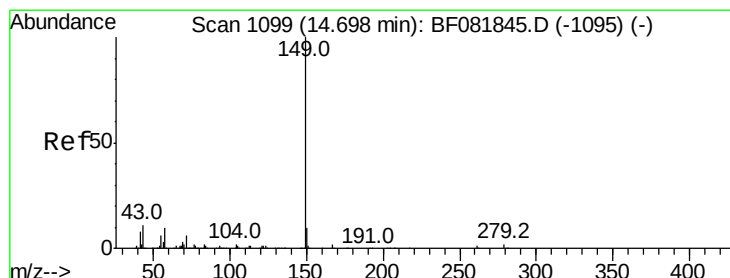
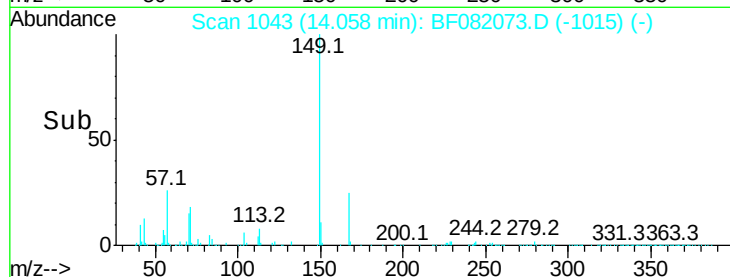
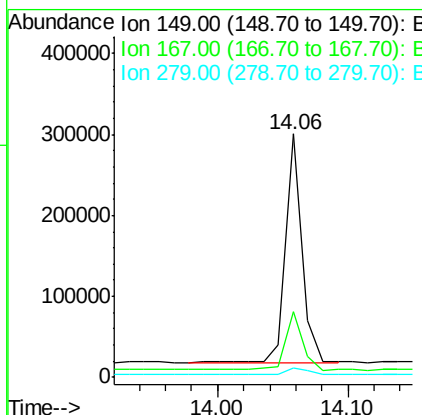
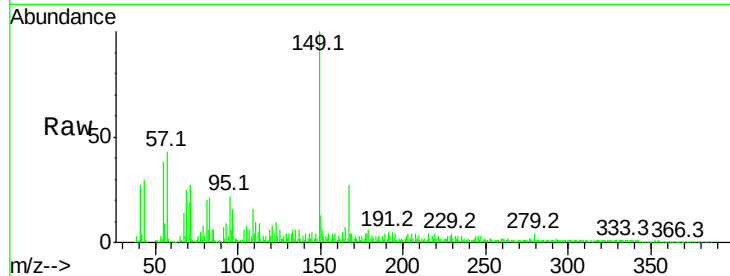
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.36 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.8	24.2	36.2
279	3.7	3.8	5.6#

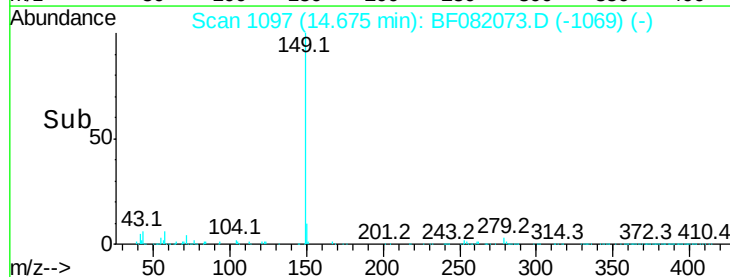
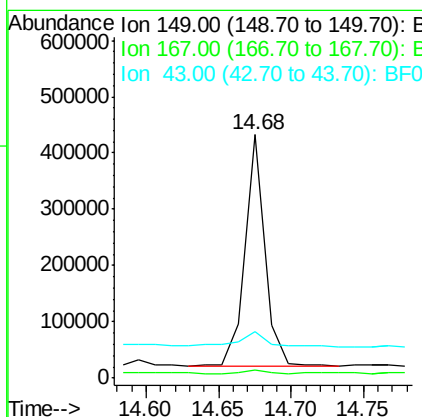
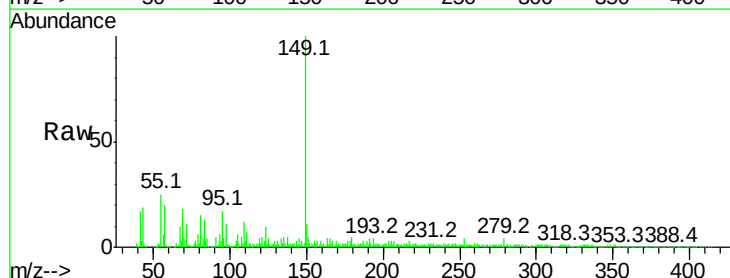
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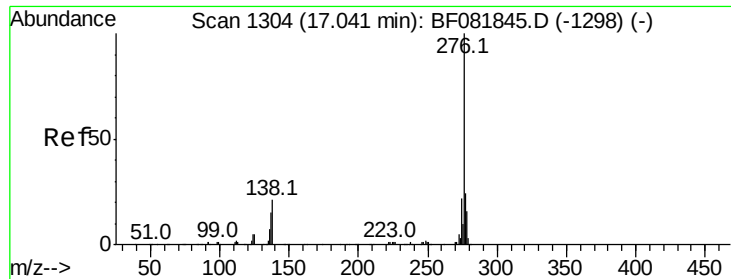
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#84
 Di-n-octyl phthalate
 Concen: 56.31 ng
 RT: 14.68 min Scan# 1097
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	2.1	1.0	1.6#
43	10.7	10.2	15.2





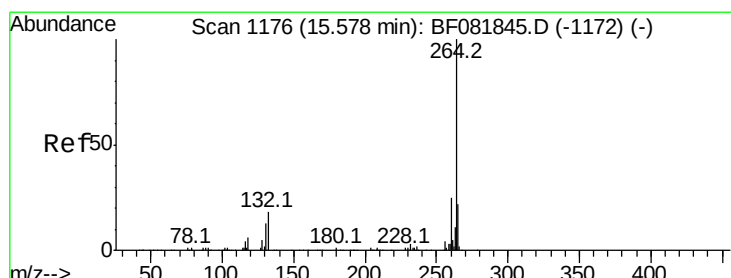
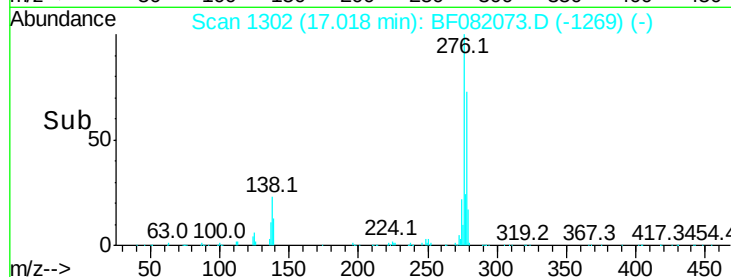
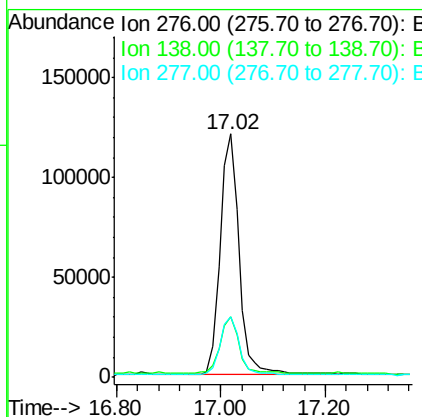
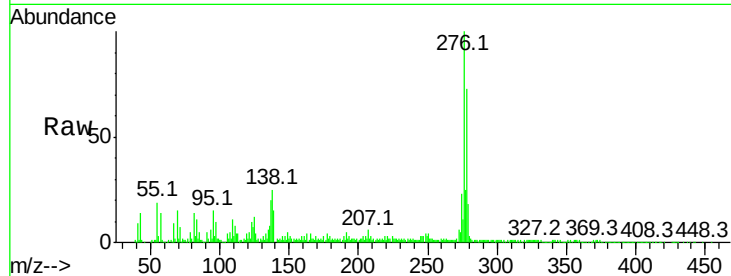
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.22 ng
 RT: 17.02 min Scan# 1302
 Delta R.T. 0.08 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	25.7	38.5#
277	24.0	15.6	23.4#

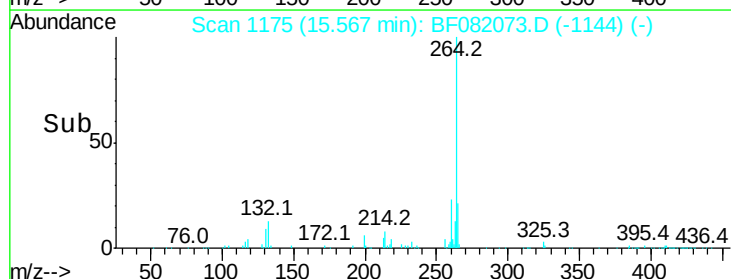
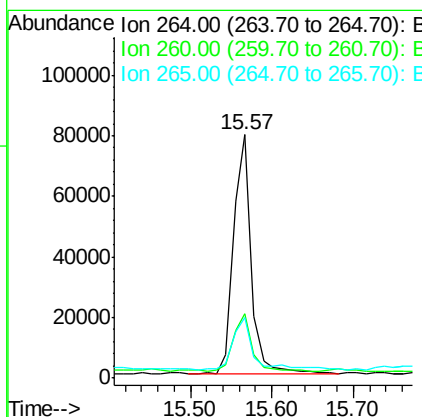
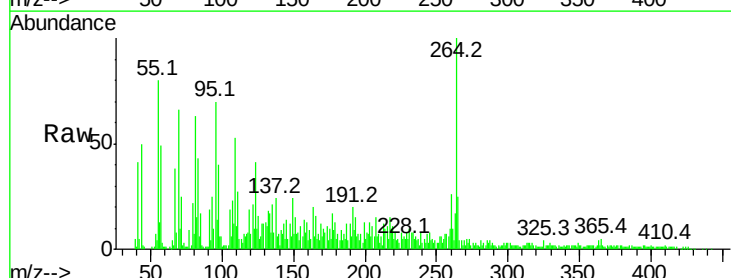
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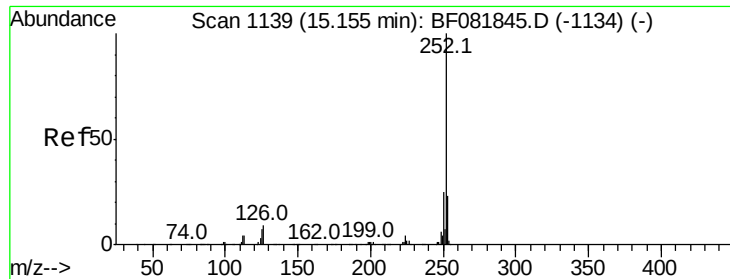
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. 0.06 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	16.7	25.1#
265	24.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.15 ng m

RT: 15.13 min Scan# 1137

Delta R.T. 0.05 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

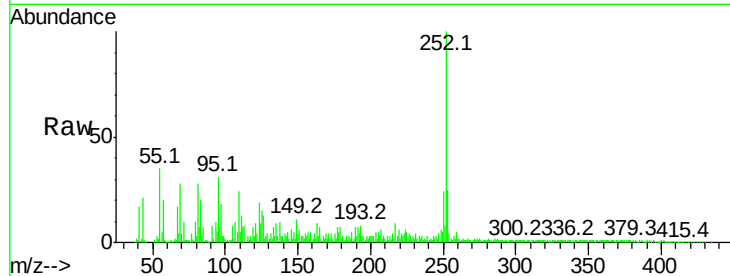
ClientSampleId :

SS-8(0-24)MS

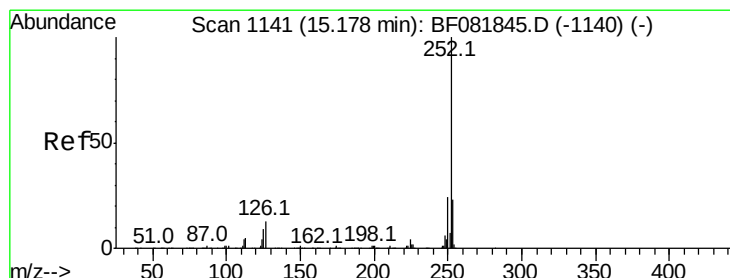
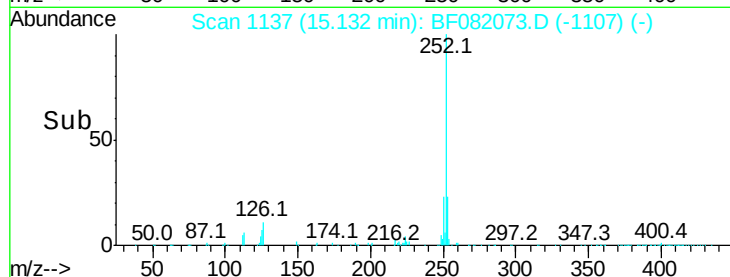
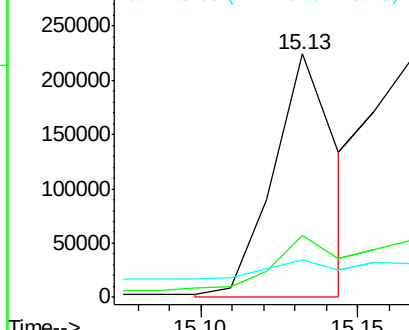
Tot Ion:	252	Resp:	312836
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.5	26.3
125	15.2	17.1	25.7#

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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: 51.39 ng m

RT: 15.17 min Scan# 1140

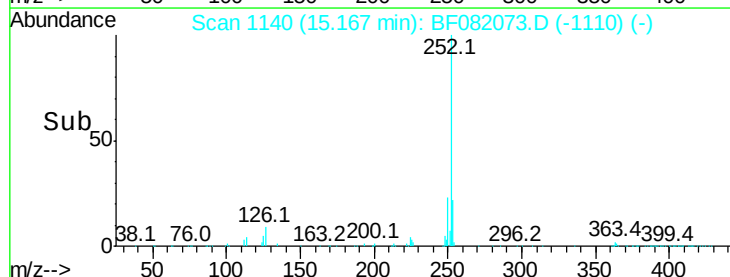
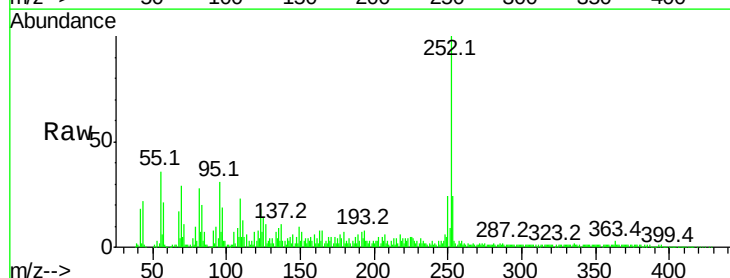
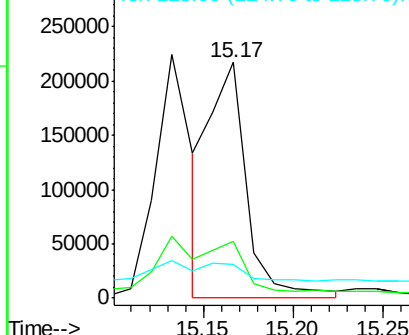
Delta R.T. 0.05 min

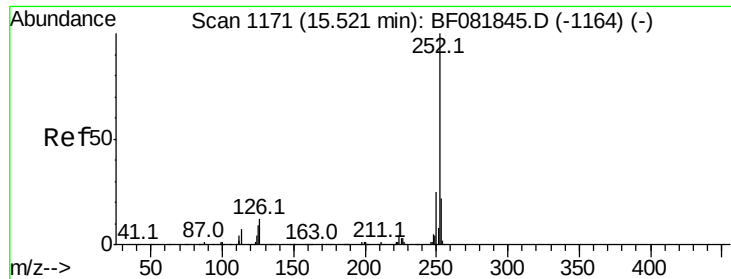
Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:	252	Resp:	319251
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.0	25.4
125	14.3	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





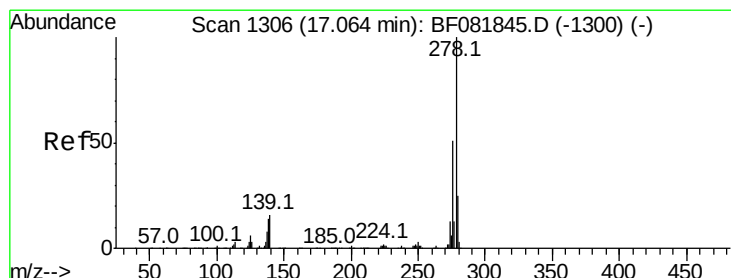
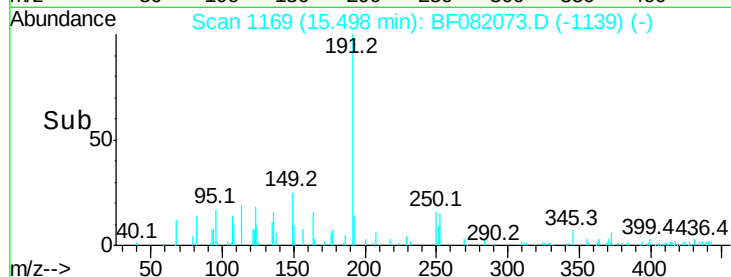
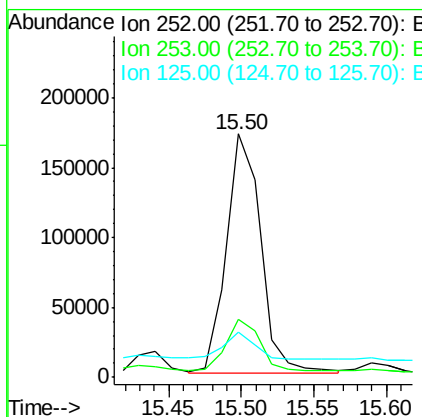
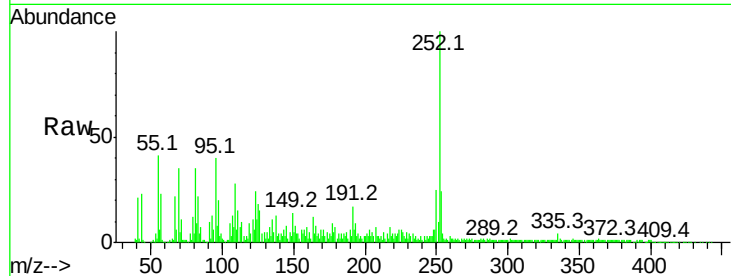
#89
Benzo(a)pyrene
Concen: 48.09 ng
RT: 15.50 min Scan# 1169
Delta R.T. 0.05 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	17.2	25.8
125	18.4	18.0	27.0

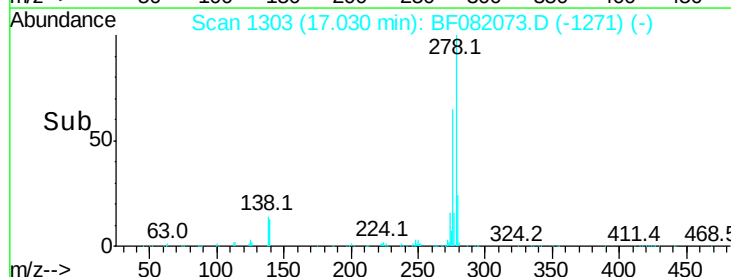
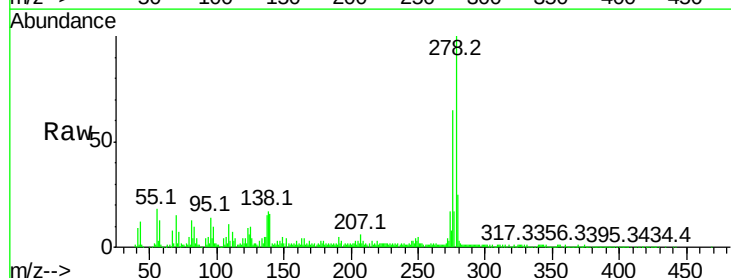
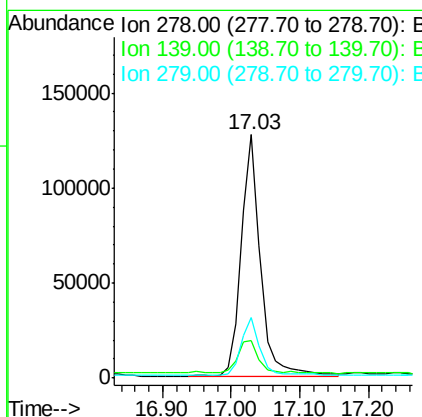
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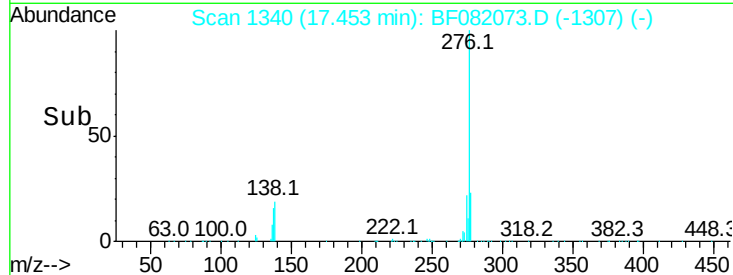
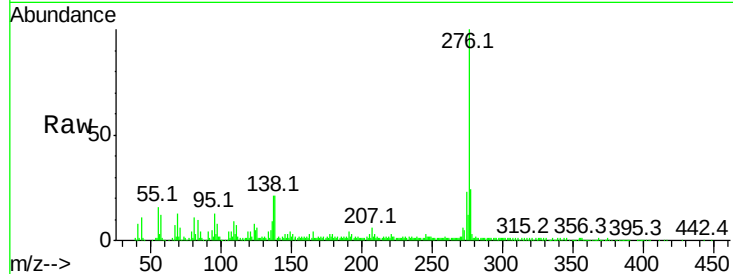
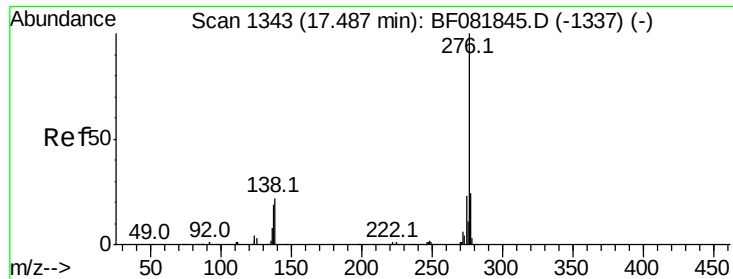
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#90
Dibenzo(a,h)anthracene
Concen: 50.70 ng
RT: 17.03 min Scan# 1303
Delta R.T. 0.07 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.6	26.3	39.5#
279	24.7	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.93 ng
 RT: 17.45 min Scan# 1340
 Delta R.T. 0.08 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

Tot Ion:	276	Resp:	252429
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.8	26.6
138	21.0	34.6	51.8#

Manual Integrations
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