

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082074.D
 Acq On : 6 Oct 2015 6:01
 Operator : UM/IZ
 Sample : G3891-21MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 10/6/2015 2:53:32 PM

Quant Time: Oct 06 08:23:52 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	91757	20.00	ng	0.01
21) Naphthalene-d8	8.18	136	272504	20.00	ng	0.01
38) Acenaphthene-d10	9.94	164	117560	20.00	ng	0.01
63) Phenanthrene-d10	11.43	188	194355	20.00	ng	0.01
75) Chrysene-d12	14.08	240	138457	20.00	ng	0.02
86) Perylene-d12	15.56	264	109742	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	511635	101.22	ng	0.02
7) Phenol-d6	6.54	99	674011	105.97	ng	0.02
23) Nitrobenzene-d5	7.46	82	349489	85.49	ng	0.01
41) 2,4,6-Tribromophenol	10.74	330	117754	98.90	ng	0.02
44) 2-Fluorobiphenyl	9.26	172	620125	89.10	ng	0.01
78) Terphenyl-d14	13.02	244	488416	135.22	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	63714	28.99	ng	88
3) Pyridine	3.29	79	151047	26.39	ng	# 82
4) n-Nitrosodimethylamine	3.23	42	77496	29.81	ng	96
6) Aniline	6.56	93	135695	15.88	ng	# 82
8) 2-Chlorophenol	6.67	128	183587	32.89	ng	86
9) Benzaldehyde	6.43	77	47185	11.33	ng	# 70
10) Phenol	6.55	94	229004	32.10	ng	# 65
11) bis(2-Chloroethyl)ether	6.63	93	192467	34.79	ng	95
12) 1,3-Dichlorobenzene	6.83	146	222491m	33.75	ng	
13) 1,4-Dichlorobenzene	6.91	146	217763	31.63	ng	96
14) 1,2-Dichlorobenzene	7.06	146	206538m	33.67	ng	
15) Benzyl Alcohol	7.04	79	151765	33.06	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.18	45	261829	33.47	ng	73
17) 2-Methylphenol	7.15	107	156247	34.53	ng	# 81
18) Hexachloroethane	7.41	117	54104	25.10	ng	# 69
19) n-Nitroso-di-n-propylamine	7.31	70	152413	39.43	ng	# 66
20) 3+4-Methylphenols	7.30	107	178305	31.19	ng	# 48
22) Acetophenone	7.30	105	261477	46.93	ng	# 74
24) Nitrobenzene	7.49	77	174938	39.41	ng	# 84
25) Isophorone	7.71	82	365372	45.09	ng	# 79
26) 2-Nitrophenol	7.79	139	47335	22.22	ng	# 25
27) 2,4-Dimethylphenol	7.84	122	177739	47.42	ng	# 78
28) bis(2-Chloroethoxy)methane	7.93	93	230788	47.96	ng	# 85
29) 2,4-Dichlorophenol	8.05	162	155939	42.90	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	166590	41.05	ng	98
31) Naphthalene	8.21	128	500782	41.47	ng	95
32) Benzoic acid	7.94	122	61223	30.47	ng	# 33
33) 4-Chloroaniline	8.26	127	104361	19.99	ng	# 82
34) Hexachlorobutadiene	8.32	225	111133	46.31	ng	98
35) Caprolactam	8.61	113	99806	99.19	ng	# 11
36) 4-Chloro-3-methylphenol	8.74	107	159500	44.88	ng	# 79
37) 2-Methylnaphthalene	8.90	142	319103	38.72	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	135133	37.44	ng	# 97
40) Hexachlorocyclopentadiene	9.04	237	5911	3.18	ng	94

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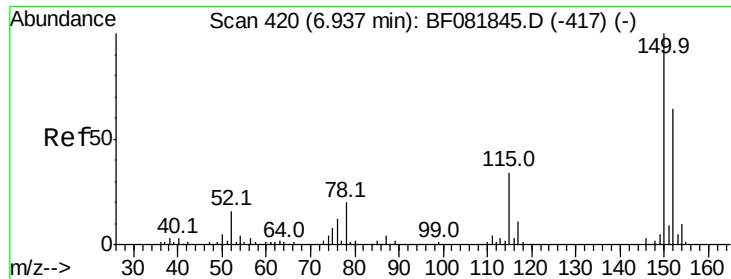
Manual Integrations
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 10/6/2015 2:53:32 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	84712	34.24	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	89198	35.06	nq #	81
45) 1,1'-Biphenyl	9.36	154	342266	37.74	nq	94
46) 2-Chloronaphthalene	9.39	162	274606	38.56	nq	97
47) 2-Nitroaniline	9.49	65	82464	39.45	nq #	79
48) Acenaphthylene	9.81	152	410853	36.05	nq #	94
49) Dimethylphthalate	9.66	163	379147	46.72	nq	96
50) 2,6-Dinitrotoluene	9.73	165	52504	29.80	nq #	77
51) Acenaphthene	9.98	154	240142	35.48	nq	89
52) 3-Nitroaniline	9.90	138	81977	40.22	nq #	68
53) 2,4-Dinitrophenol	10.01	184	764	Below	Cal #	1
54) Dibenzofuran	10.15	168	376801	39.39	nq #	88
55) 4-Nitrophenol	10.07	139	76171	51.72	nq #	24
56) 2,4-Dinitrotoluene	10.13	165	49927	22.23	nq #	78
57) Fluorene	10.49	166	292267	42.61	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.27	232	62449	30.94	nq #	97
59) Diethylphthalate	10.37	149	334334	44.11	nq	94
60) 4-Chlorophenyl-phenylether	10.48	204	135204	38.61	nq #	82
61) 4-Nitroaniline	10.51	138	77807	38.07	nq #	46
62) Azobenzene	10.64	77	263965	35.68	nq	88
65) n-Nitrosodiphenylamine	10.61	169	283413	48.20	nq	97
66) 4-Bromophenyl-phenylether	10.97	248	87980	44.90	nq #	91
67) Hexachlorobenzene	11.04	284	83899	37.94	nq #	91
68) Atrazine	11.13	200	75101	41.16	nq	94
69) Pentachlorophenol	11.23	266	83898	66.58	nq	98
70) Phenanthrene	11.45	178	391402	41.73	nq	95
71) Anthracene	11.51	178	438600	44.40	nq	97
72) Carbazole	11.67	167	365113	40.84	nq	95
73) Di-n-butylphthalate	11.99	149	453743	49.98	nq #	97
74) Fluoranthene	12.65	202	442562	42.51	nq	86
77) Pyrene	12.88	202	441153	53.33	nq	95
79) Butylbenzylphthalate	13.50	149	168715	54.21	nq	89
80) Benzo(a)anthracene	14.08	228	309284	41.48	nq #	91
81) 3,3'-Dichlorobenzidine	14.04	252	49022	19.47	nq	97
82) Chrysene	14.12	228	318409	56.11	nq	92
83) Bis(2-ethylhexyl)phthalate	14.06	149	228547	58.54	nq	97
84) Di-n-octyl phthalate	14.68	149	348236	54.81	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.01	276	247863	42.50	nq #	86
87) Benzo(b)fluoranthene	15.13	252	293441m	46.83	nq	
88) Benzo(k)fluoranthene	15.16	252	216569m	37.71	nq	
89) Benzo(a)pyrene	15.49	252	230364	42.39	nq	93
90) Dibenzo(a,h)anthracene	17.02	278	200695	44.01	nq #	82
91) Benzo(g,h,i)perylene	17.44	276	201992	43.23	nq #	75

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



#1

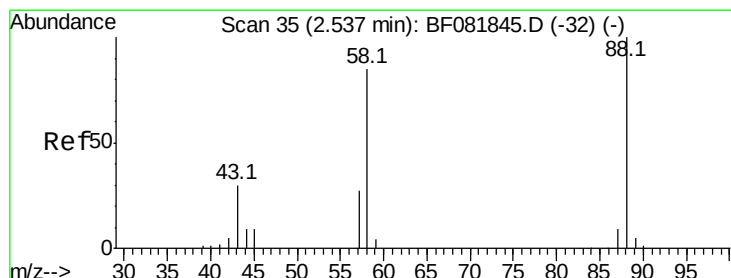
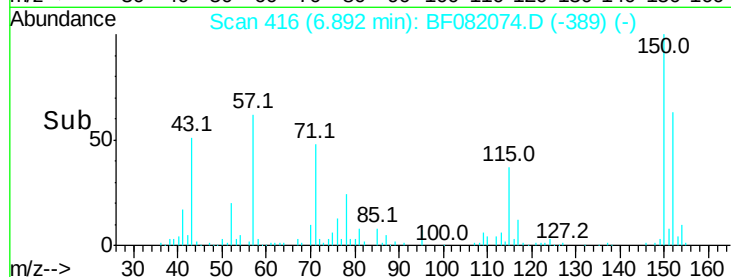
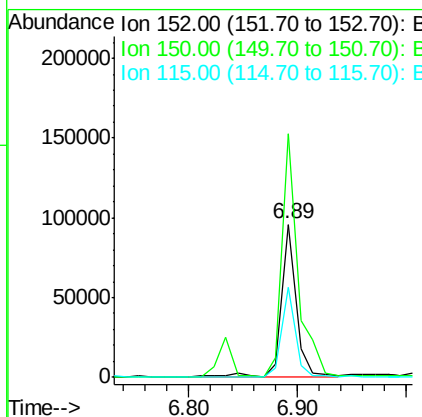
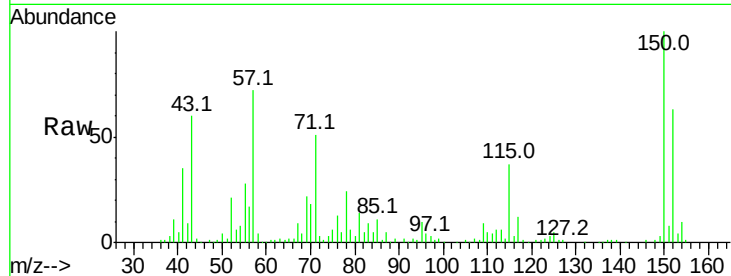
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 416
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.7	187.1
115	59.0	39.0	58.4

Manual Integrations
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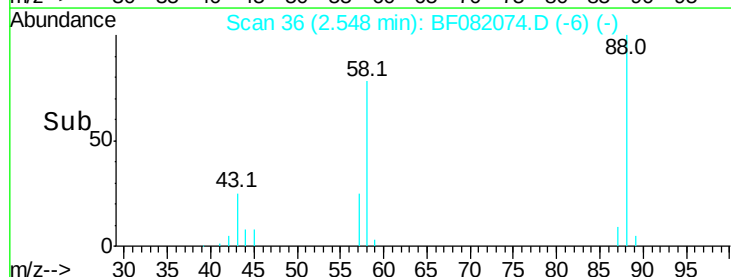
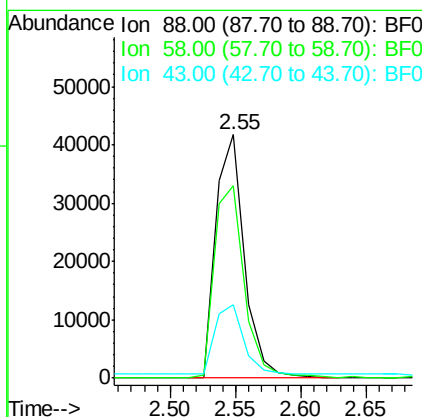
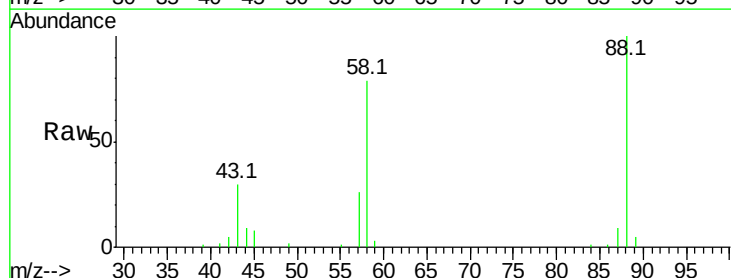
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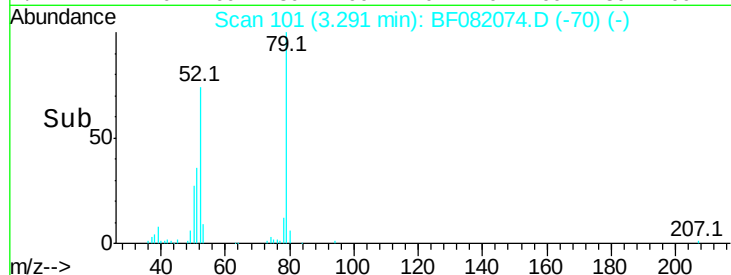
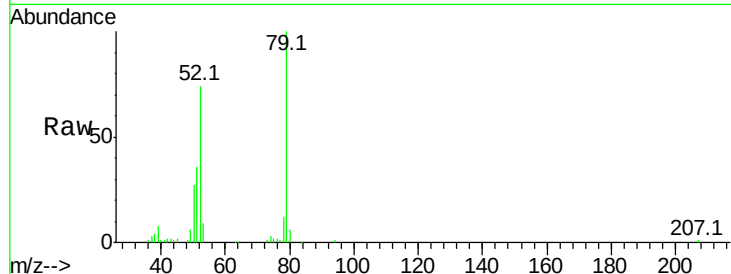
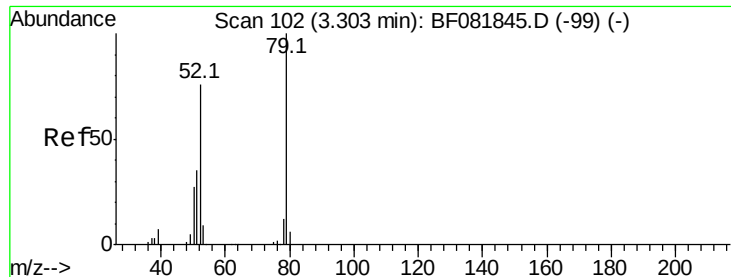


#2

1,4-Dioxane
 Concen: 28.99 ng
 RT: 2.55 min Scan# 36
 Delta R.T. 0.05 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	77.7	116.5
43	29.7	26.6	40.0





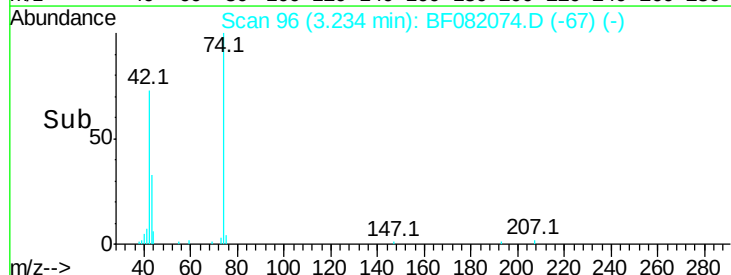
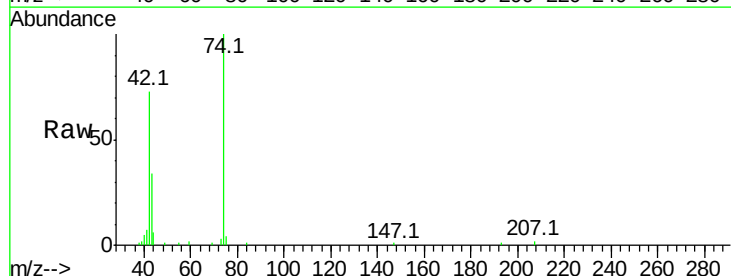
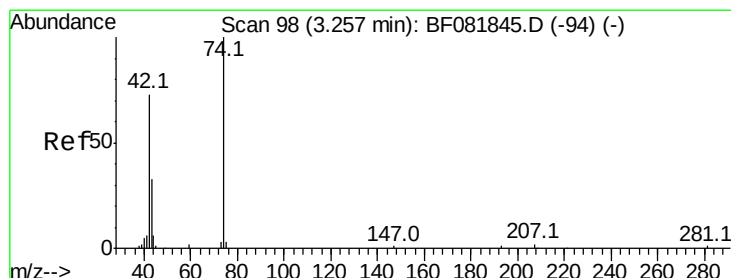
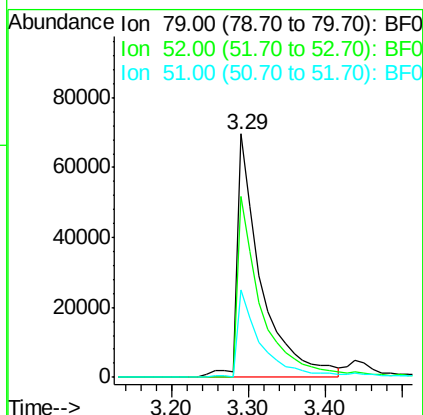
#3
 Pvridine
 Concen: 26.39 ng
 RT: 3.29 min Scan# 101
 Delta R.T. 0.06 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		151047		
52	74.2	76.8	115.2#		
51	36.1	32.2	48.4		

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

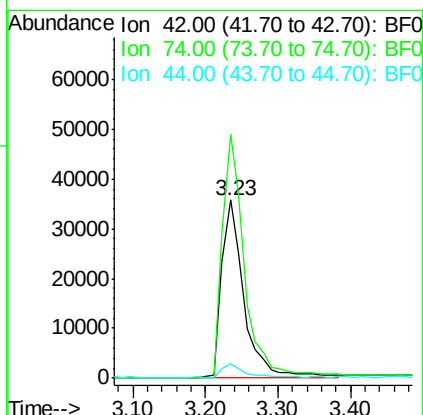
Manual Integrations
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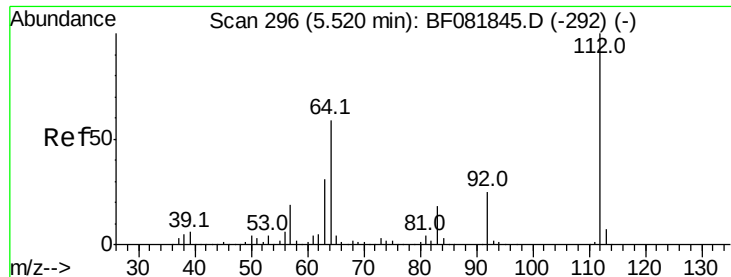
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#4
 n-Nitrosodimethylamine
 Concen: 29.81 ng
 RT: 3.23 min Scan# 96
 Delta R.T. 0.03 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		77496		
74	136.7	105.0	157.6		
44	7.9	6.6	10.0		





#5

2-Fluorophenol

Concen: 101.22 ng

RT: 5.50 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

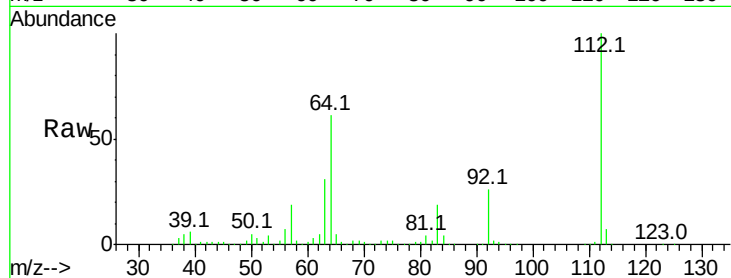
ClientSampleId :

SS-8(0-24)MSD

Tot Ion:	112	Resp:	511635
Ion Ratio	Lower	Upper	
112	100		
64	60.8	39.7	59.5#
63	31.5	17.4	26.0#

Manual Integrations
APPROVED

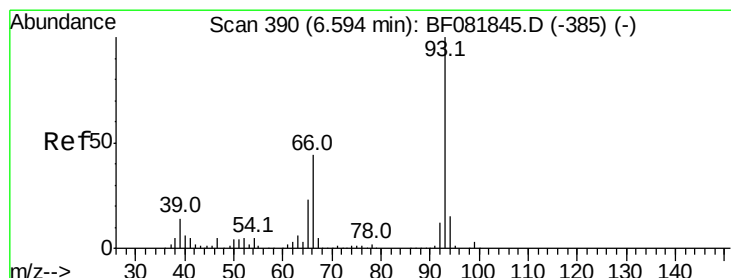
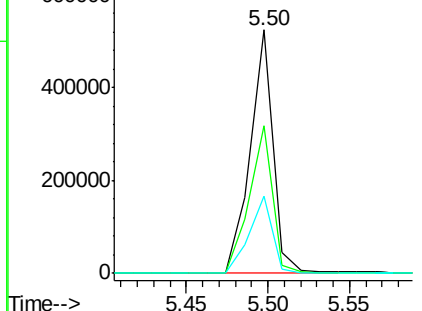
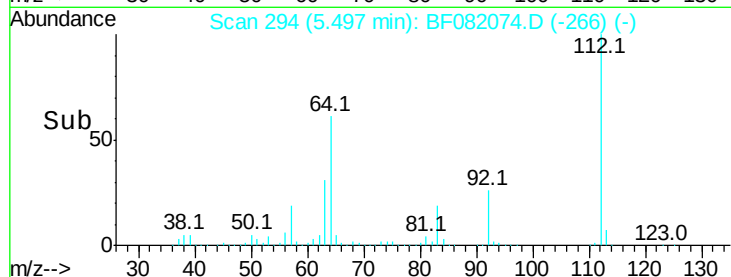
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.88 ng

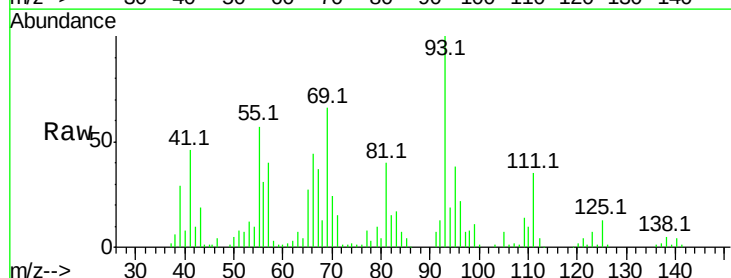
RT: 6.56 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

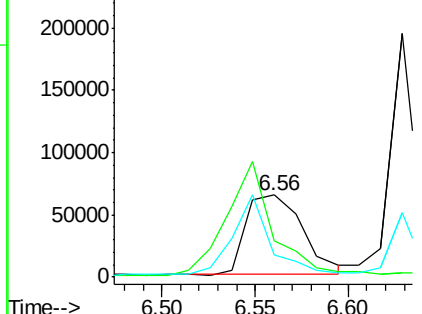
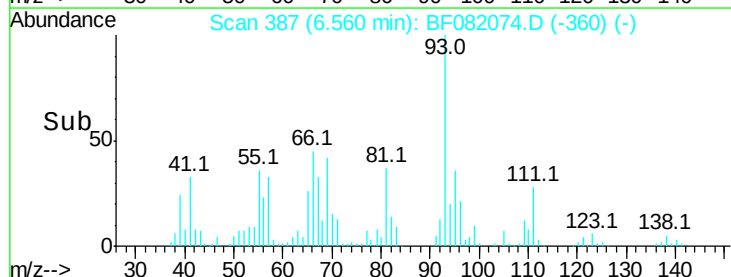
Tgt Ion:	93	Resp:	135695
Ion Ratio	Lower	Upper	
93	100		
66	44.2	27.2	40.8#
65	26.5	14.7	22.1#

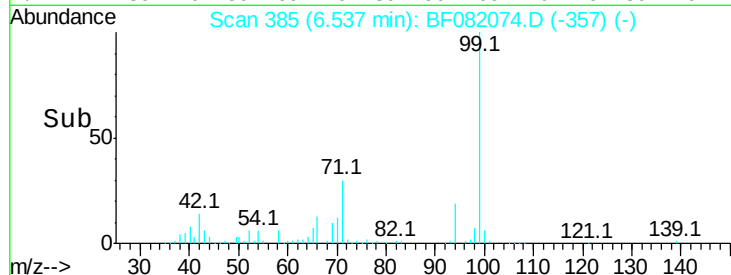
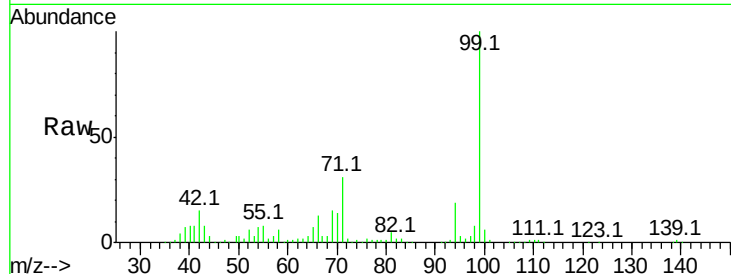
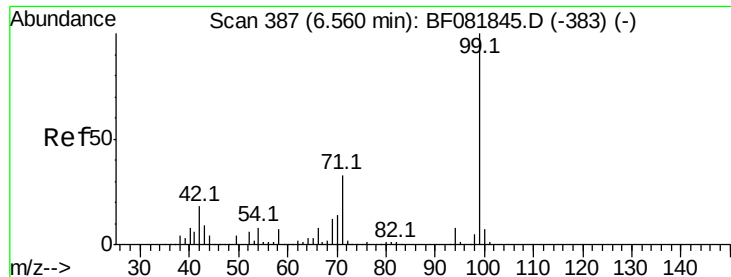


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.97 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tot Ion:	99	Resp:	674011
Ion Ratio	Lower	Upper	
99	100		
42	15.0	13.7	20.5
71	30.8	14.2	21.2#

Instrument :

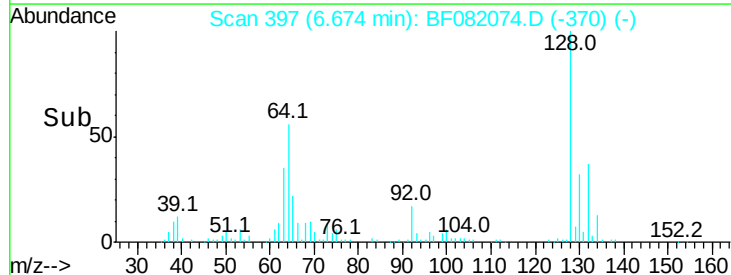
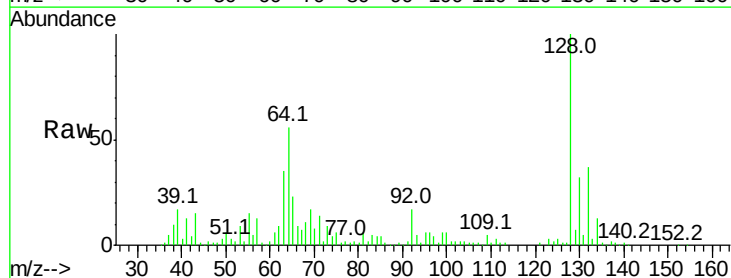
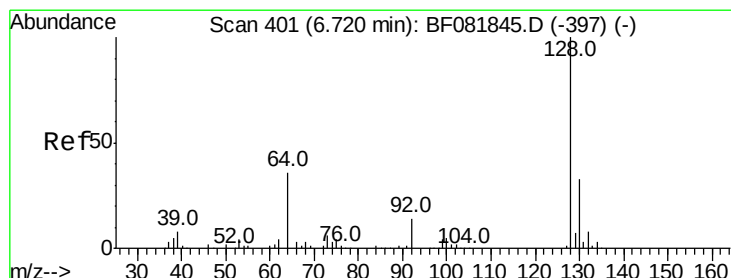
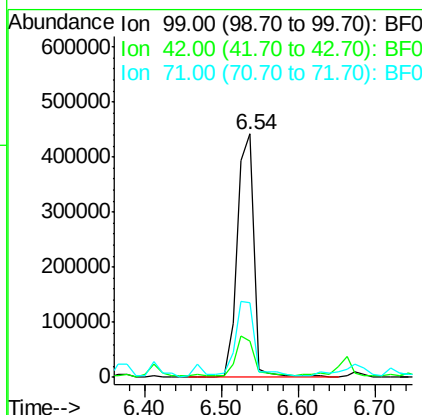
BNA_F

ClientSampleId :

SS-8(0-24)MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 32.89 ng

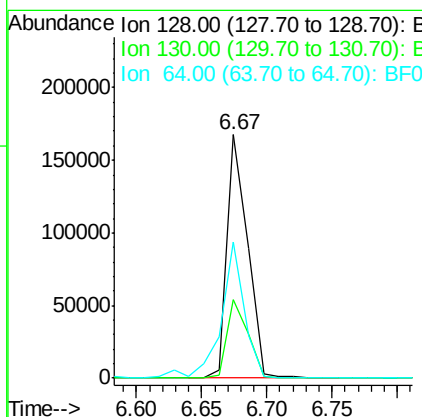
RT: 6.67 min Scan# 397

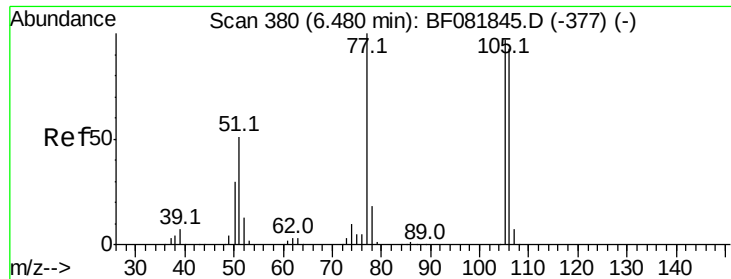
Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion:	128	Resp:	183587
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.2	52.2
64	56.1	20.5	60.5





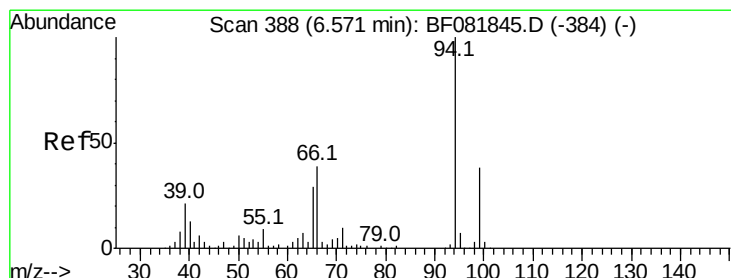
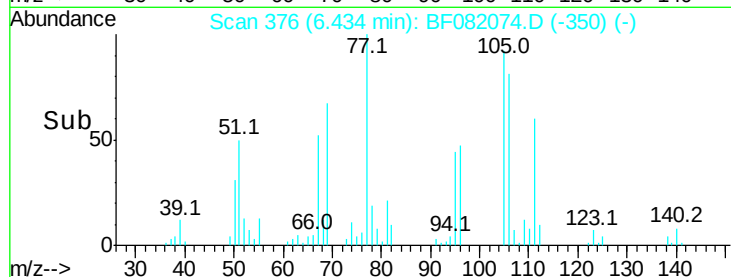
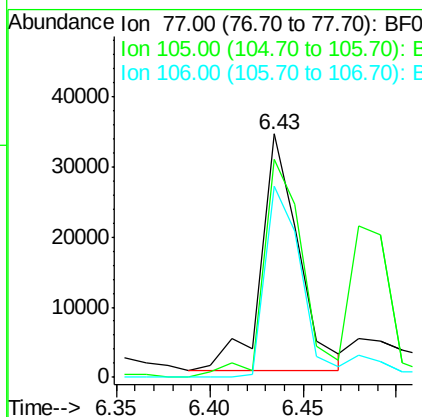
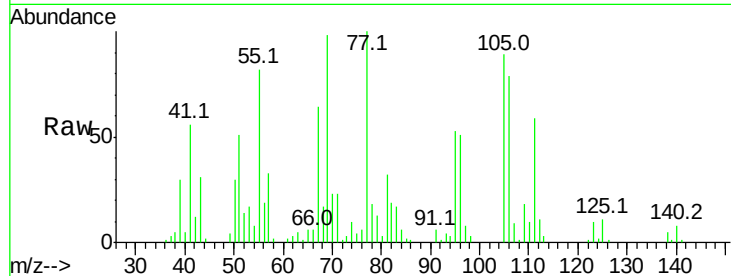
#9
Benzaldehyde
Concen: 11.33 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.5	91.6	131.6#
106	78.6	102.6	142.6#

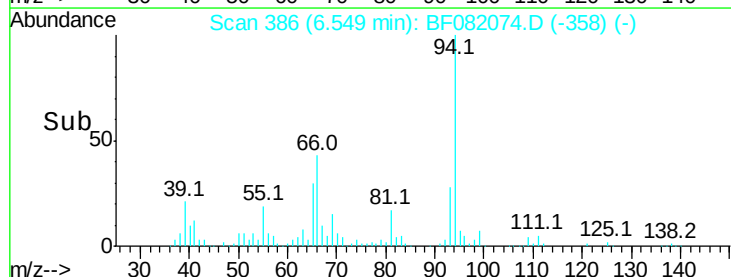
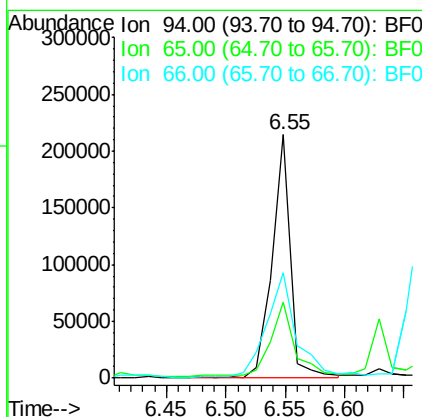
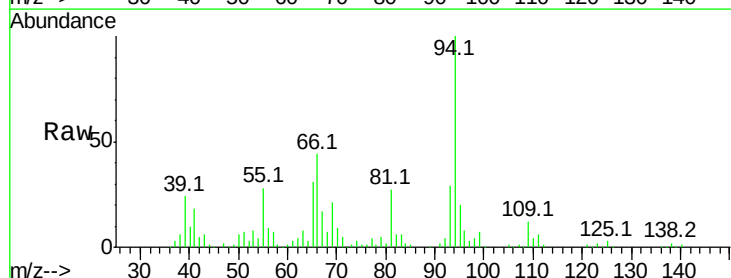
Manual Integrations
APPROVED

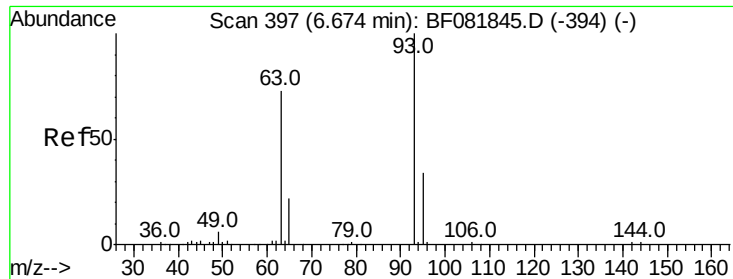
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10/6/2015 2:53:32 PM



#10
Phenol
Concen: 32.10 ng
RT: 6.55 min Scan# 386
Delta R.T. 0.02 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	0.7	40.7
66	43.5	0.8	40.8#





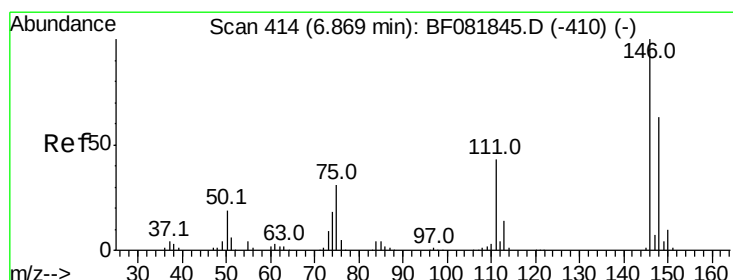
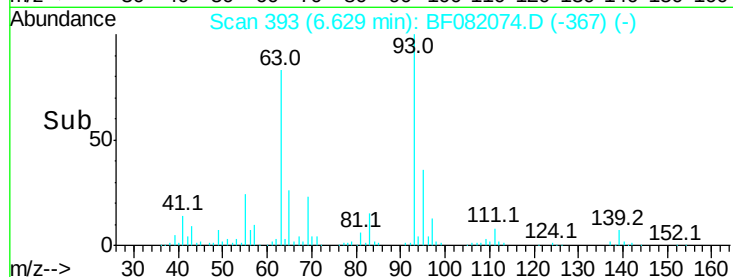
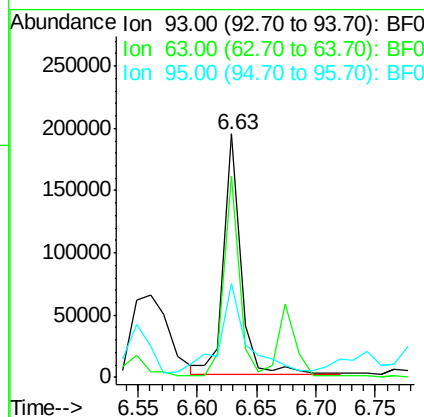
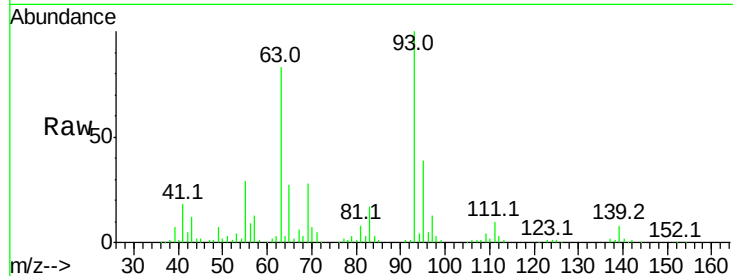
#11
bis(2-Chloroethyl)ether
Concen: 34.79 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	192467		
63	82.9	65.6	105.6	
95	38.8	13.6	53.6	

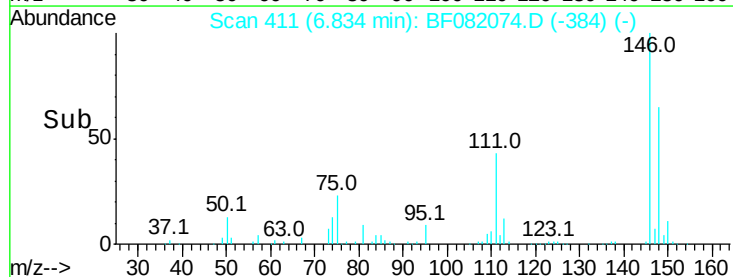
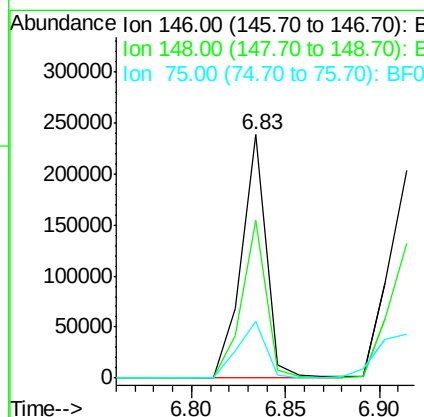
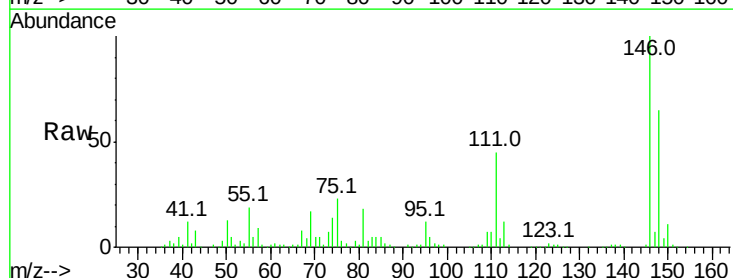
Manual Integrations
APPROVED

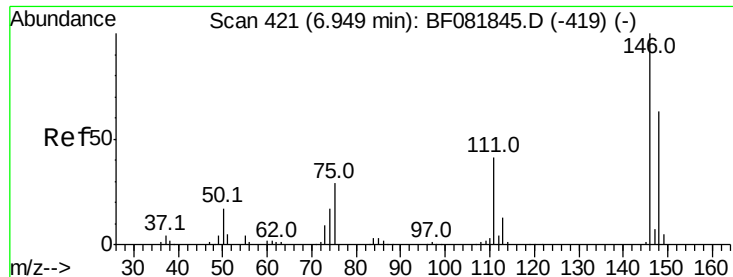
MMDadoda
10/6/2015 2:53:32 PM



#12
1,3-Dichlorobenzene
Concen: 33.75 ng m
RT: 6.83 min Scan# 411
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	222491		
148	65.0	51.0	76.4	
75	23.4	15.0	22.6	





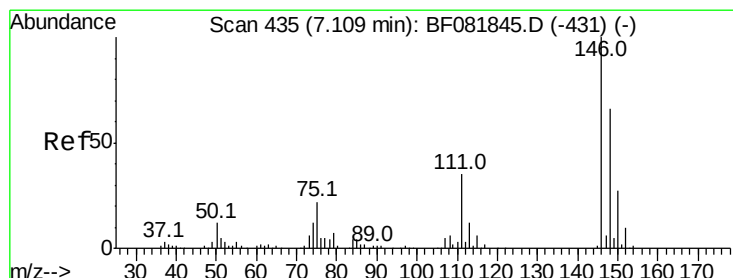
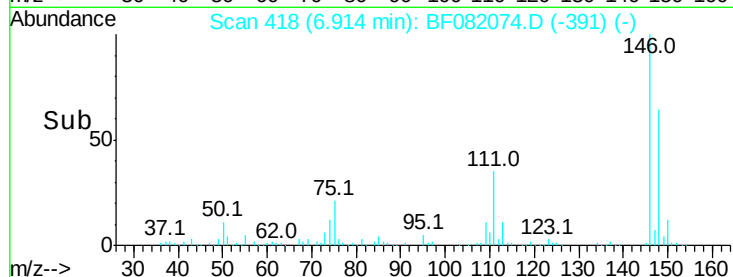
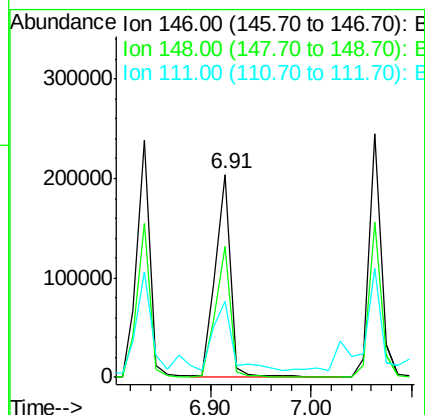
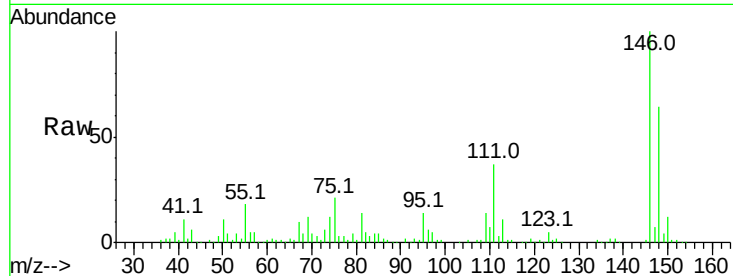
#13
 1,4-Dichlorobenzene
 Concen: 31.63 ng
 RT: 6.91 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
111	37.3	24.9	37.3

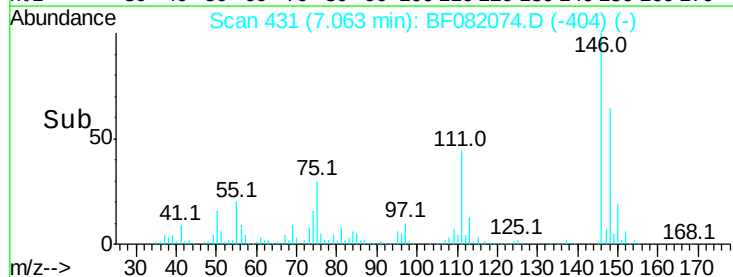
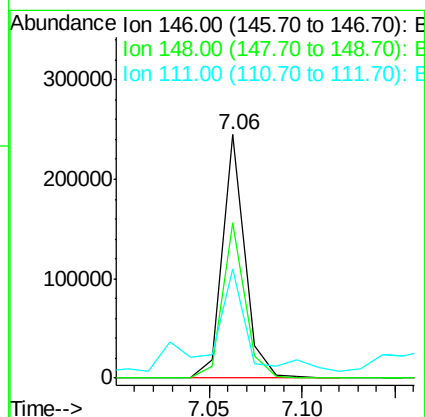
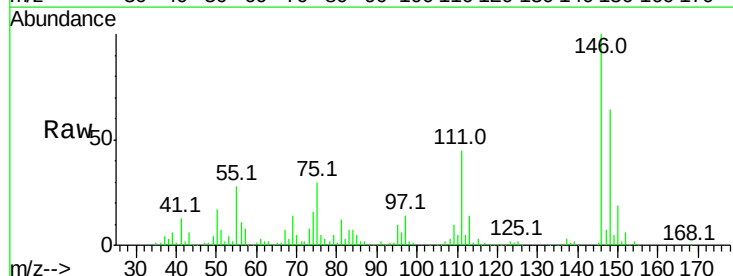
Manual Integrations
 APPROVED

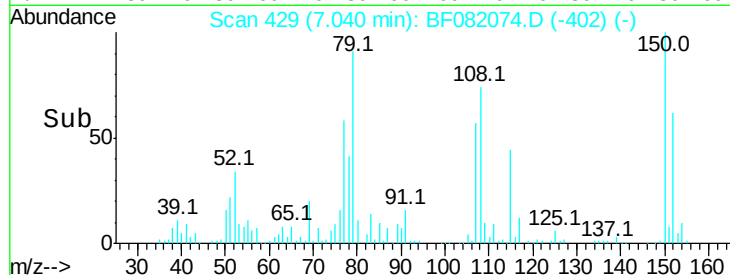
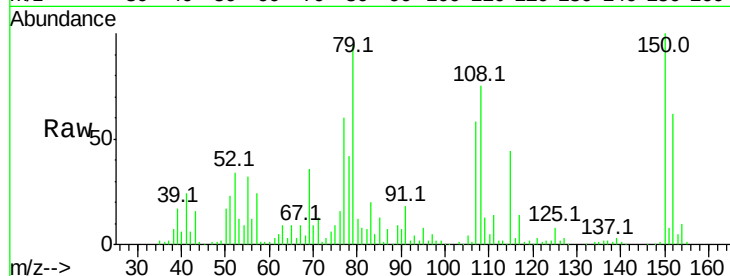
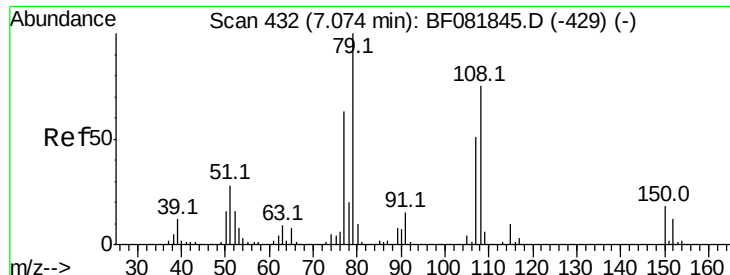
MMDadoda
 10/6/2015 2:53:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.67 ng m
 RT: 7.06 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.7	79.1
111	44.7	28.8	43.2#





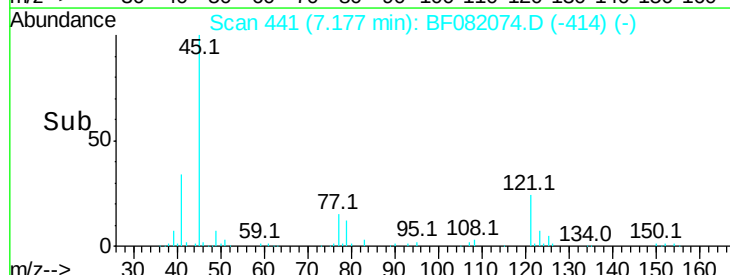
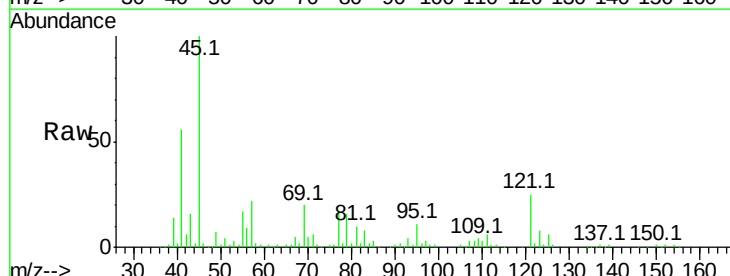
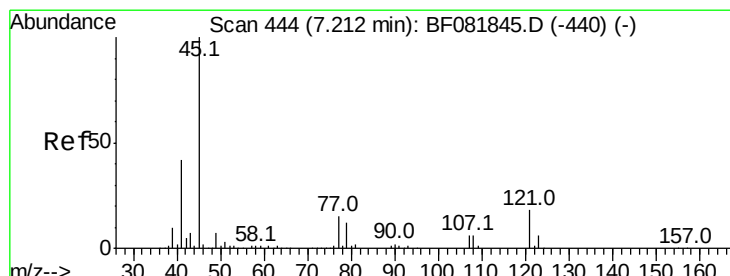
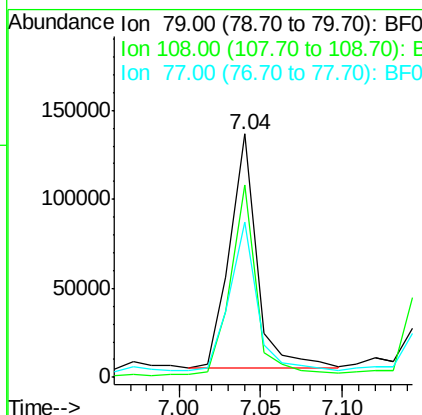
#15
Benzyl Alcohol
Concen: 33.06 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tot Ion	Ratio	Resp	Lower	Upper
79	100	151765		
108	79.0	88.6	132.8#	
77	63.6	47.0	70.4	

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

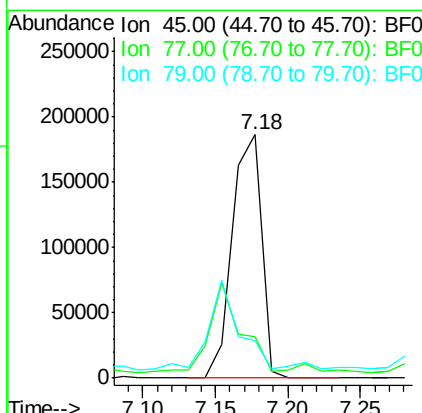
Manual Integrations
APPROVED

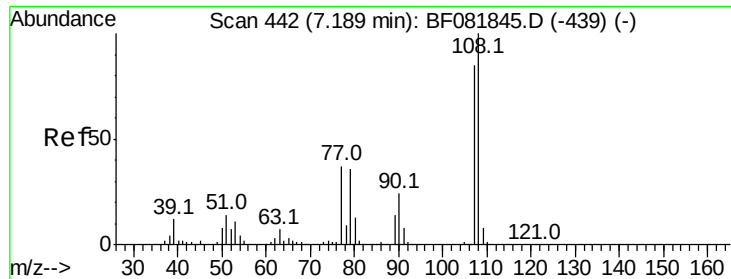
MMDadoda
10/6/2015 2:53:32 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.47 ng
RT: 7.18 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	261829		
77	17.2	0.0	28.1	
79	15.6	0.0	26.0	





#17

2-Methylphenol

Concen: 34.53 ng

RT: 7.15 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

Tot Ion:107 Resp: 156247
Ion Ratio Lower Upper

107 100

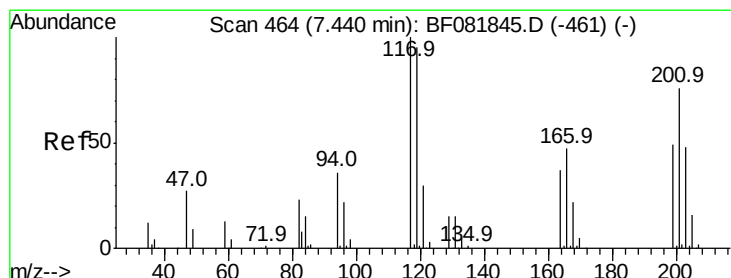
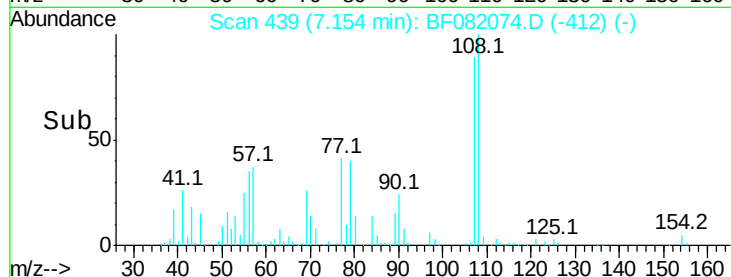
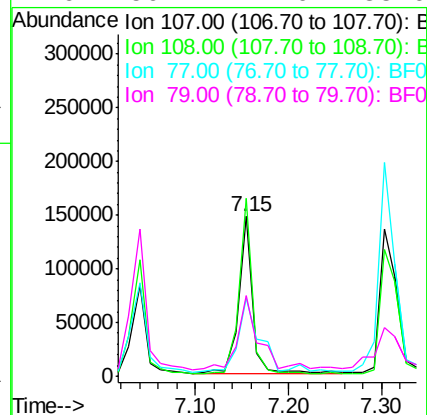
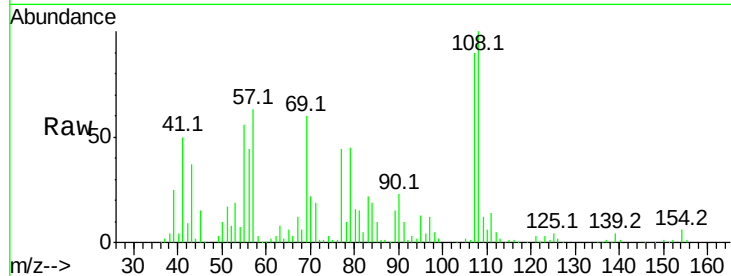
108 111.4 96.6 145.0

77 48.9 23.3 34.9#

79 50.1 22.0 33.0#

Manual Integrations
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10/6/2015 2:53:32 PM



#18

Hexachloroethane

Concen: 25.10 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF082074.D

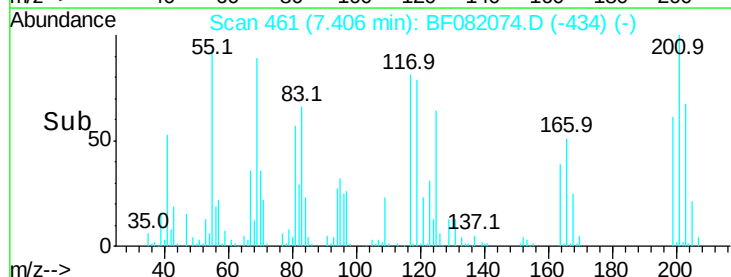
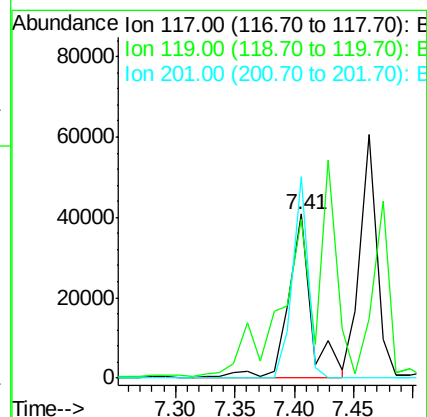
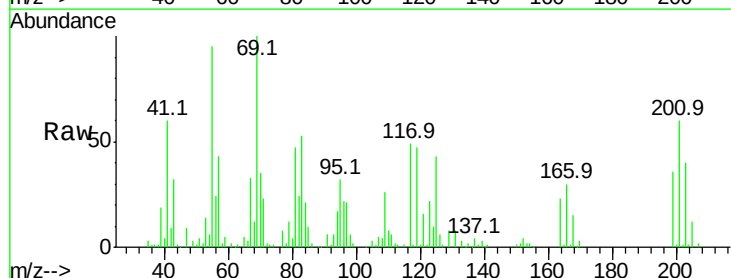
Acq: 6 Oct 2015 6:01

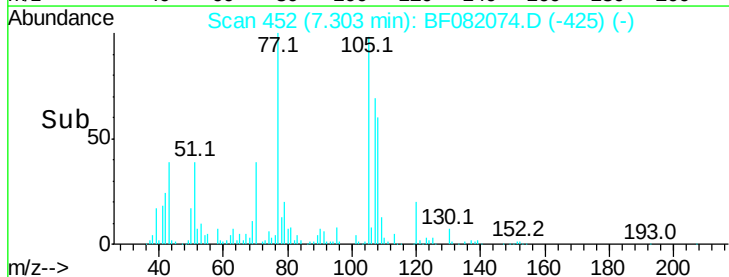
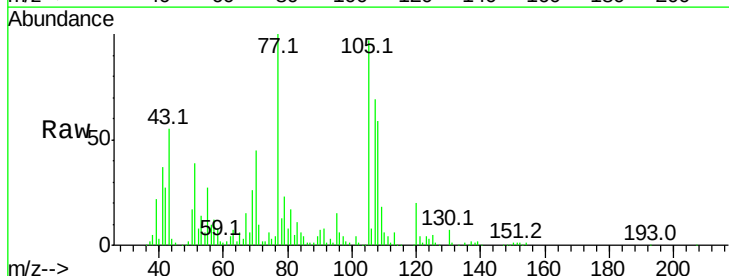
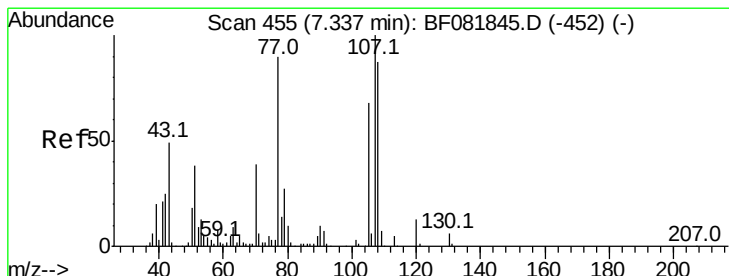
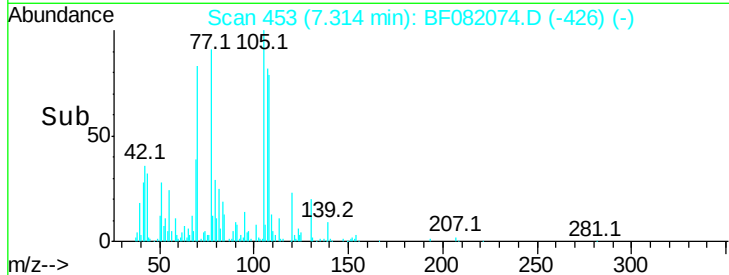
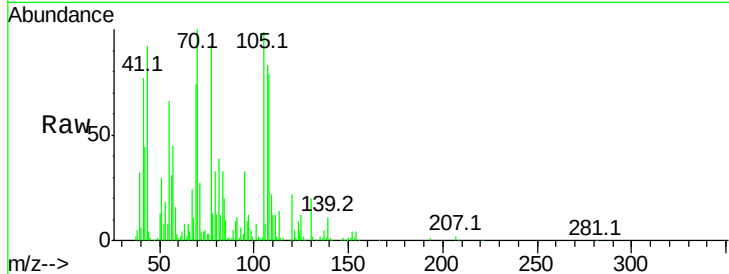
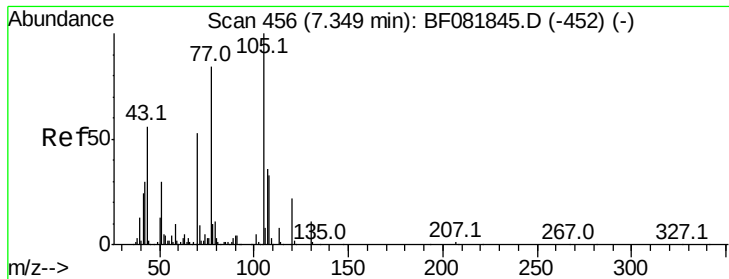
Tgt Ion:117 Resp: 54104
Ion Ratio Lower Upper

117 100

119 97.1 83.8 125.6

201 122.5 55.1 82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 39.43 ng

RT: 7.31 min Scan# 453

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

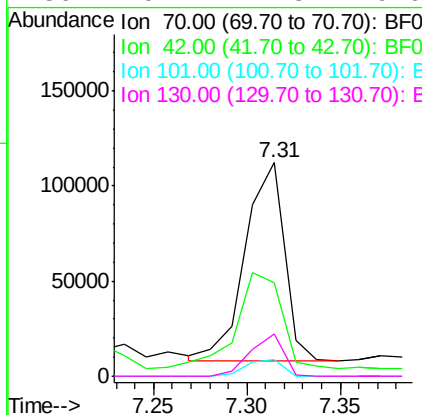
ClientSampleId :

SS-8(0-24)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.7	63.8	95.6#
101	8.0	9.2	13.8#
130	19.7	27.3	40.9#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 31.19 ng

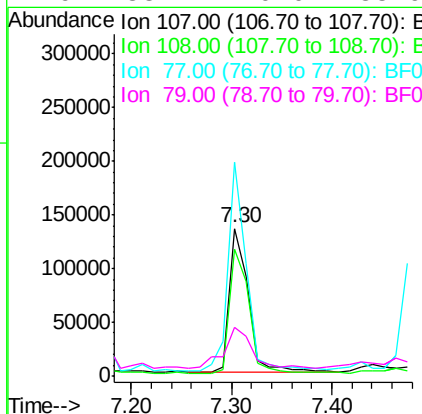
RT: 7.30 min Scan# 452

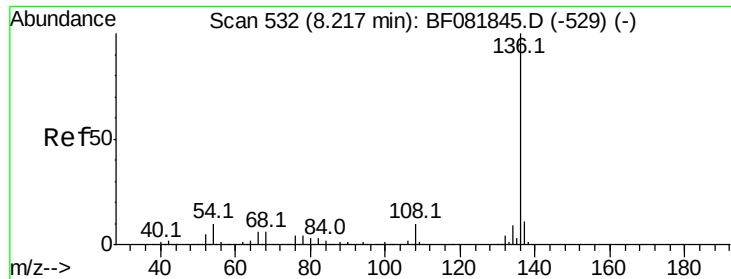
Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	74.6	114.6
77	144.9	0.7	40.7#
79	33.2	0.0	38.9





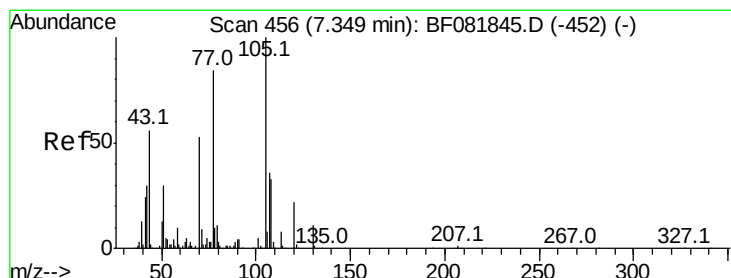
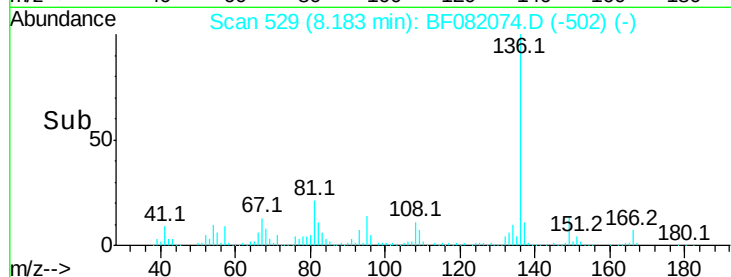
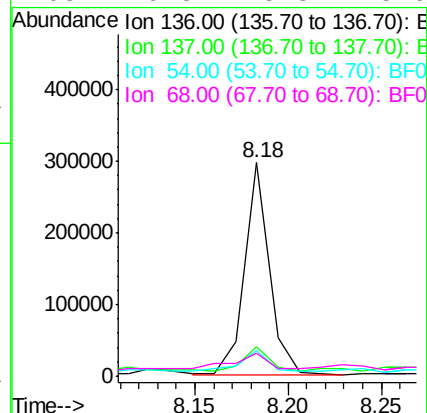
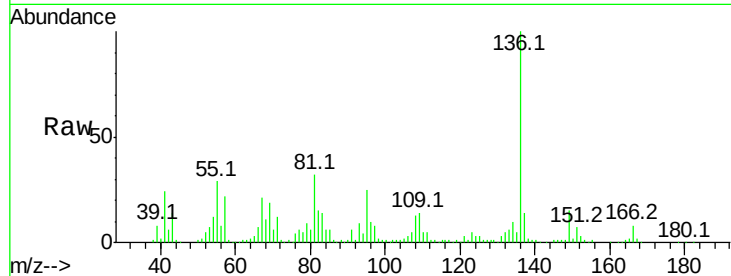
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	13.5	9.0	13.6	
54	11.9	8.2	12.2	
68	10.8	5.8	8.6#	

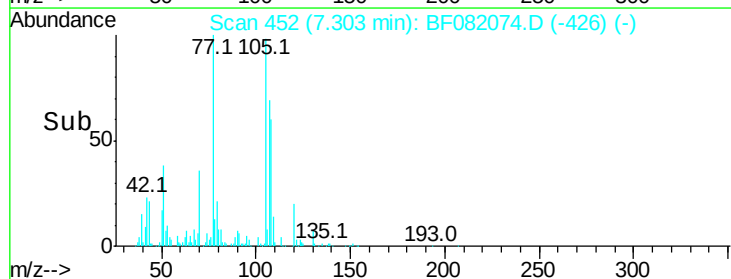
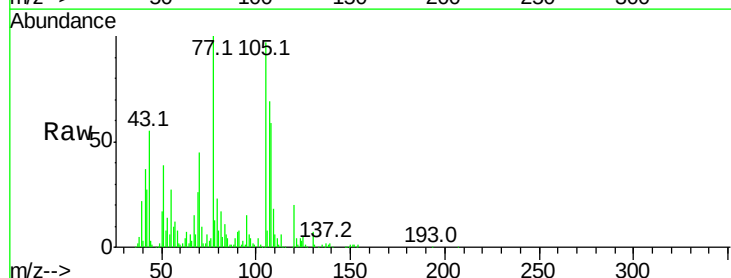
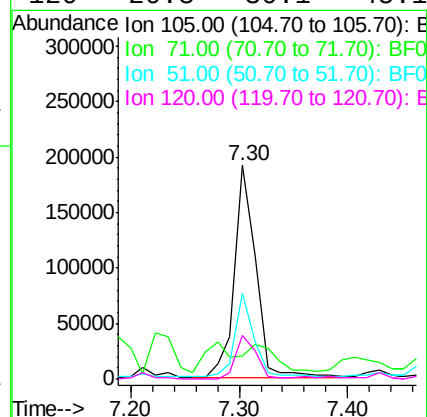
Manual Integrations
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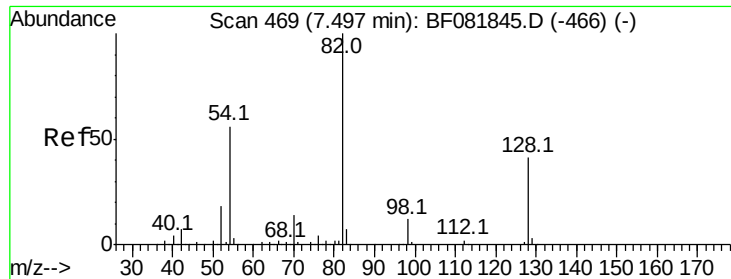
MMDadoda
10/6/2015 2:53:32 PM



#22
Acetophenone
Concen: 46.93 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.6	4.7	7.1#	
51	40.0	22.0	33.0#	
120	20.3	30.1	45.1#	





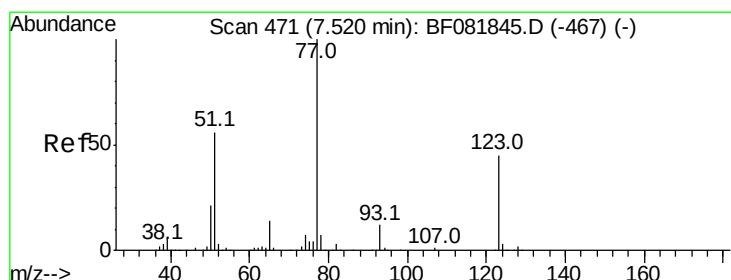
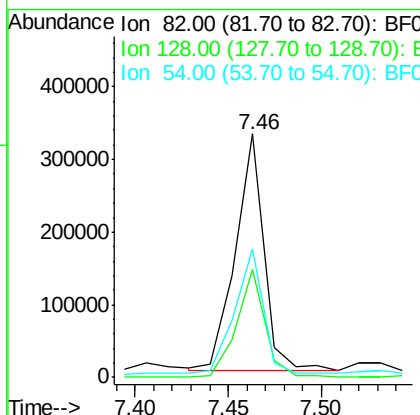
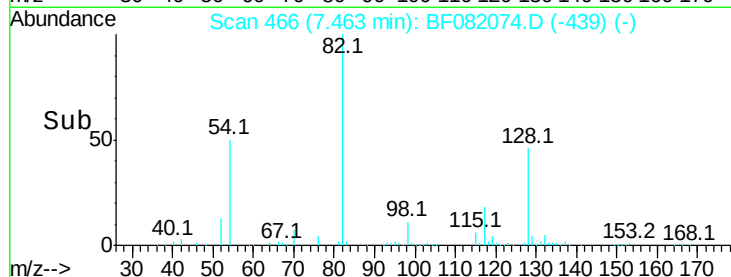
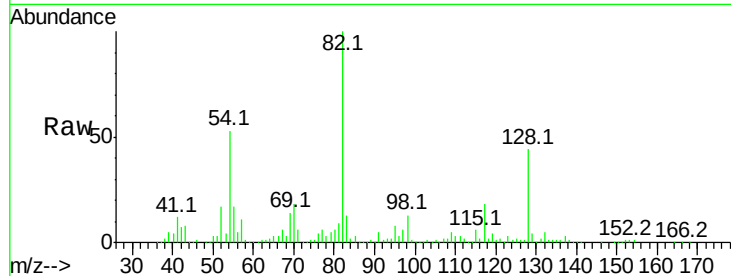
#23
 Nitrobenzene-d5
 Concen: 85.49 ng
 RT: 7.46 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

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

Tot Ion	82	Resp	349489
Ion	Ratio	Lower	Upper
82	100		
128	44.4	51.0	76.6#
54	52.5	47.5	71.3

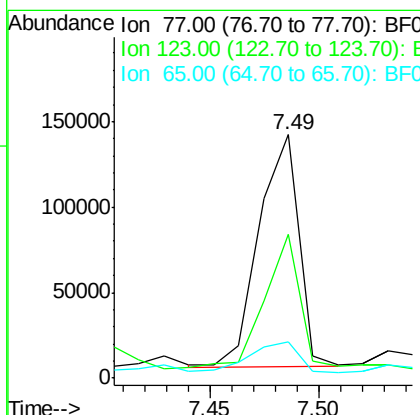
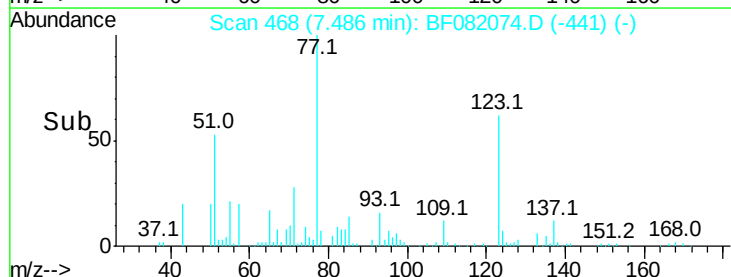
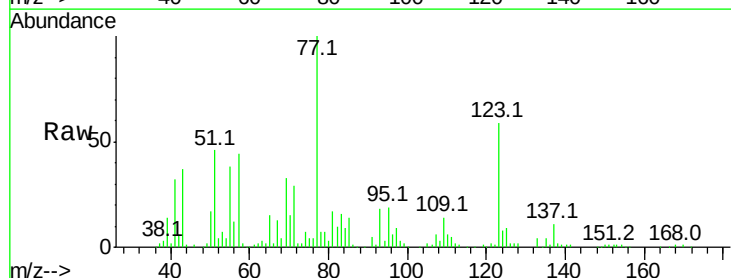
Manual Integrations
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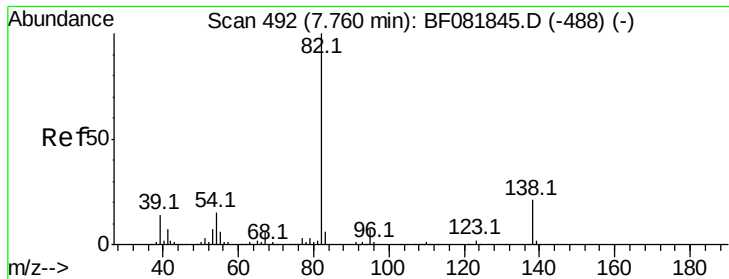
MMDadoda
 10/6/2015 2:53:32 PM



#24
 Nitrobenzene
 Concen: 39.41 ng
 RT: 7.49 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion	77	Resp	174938
Ion	Ratio	Lower	Upper
77	100		
123	59.2	59.8	89.8#
65	14.8	10.2	15.4





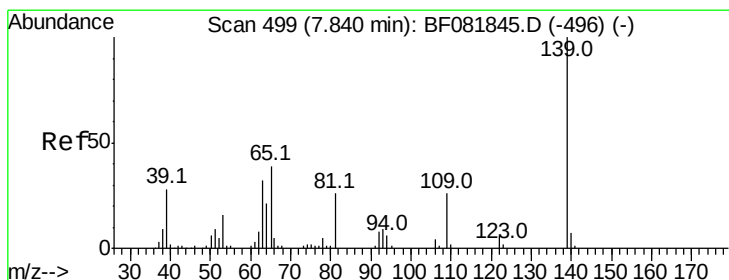
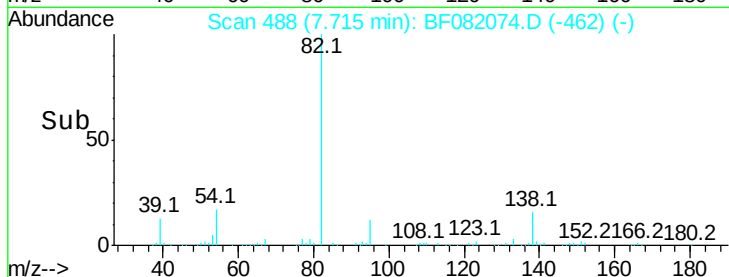
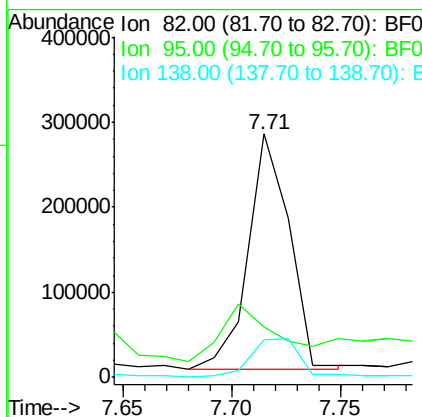
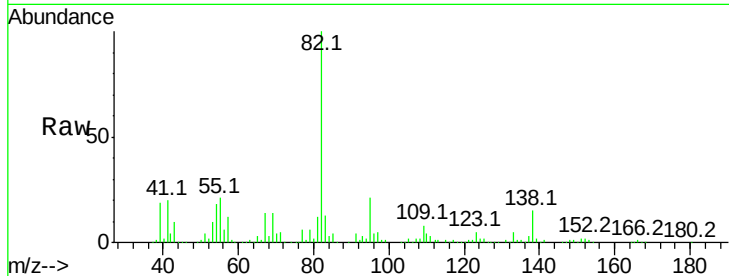
#25
Isophorone
Concen: 45.09 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	20.6	4.0	6.0#	
138	15.2	18.3	27.5#	

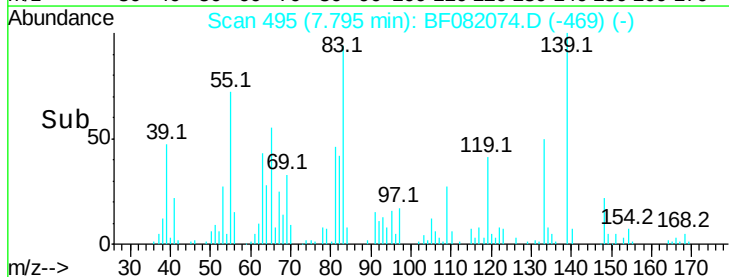
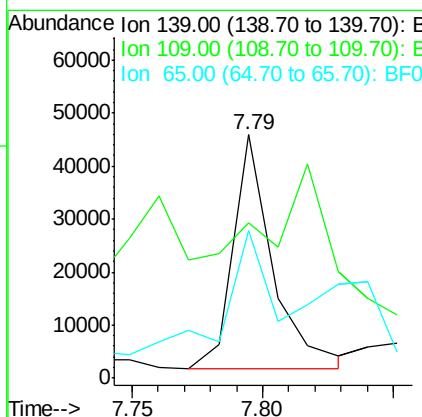
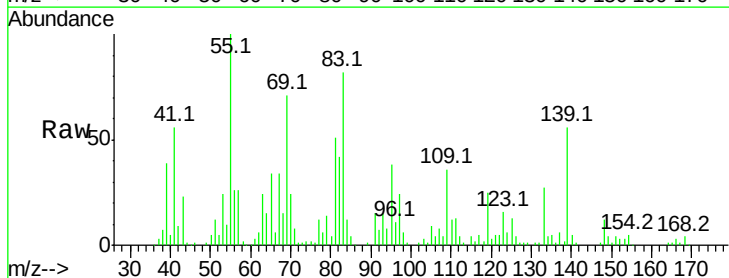
Manual Integrations
APPROVED

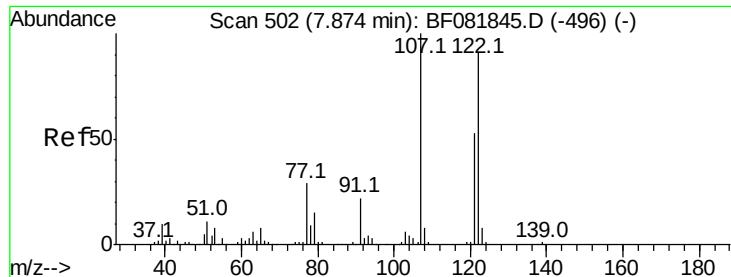
MMDadoda
10/6/2015 2:53:32 PM



#26
2-Nitrophenol
Concen: 22.22 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.5	11.0	16.4#	
65	60.5	24.7	37.1#	





#27

2,4-Dimethylphenol

Concen: 47.42 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

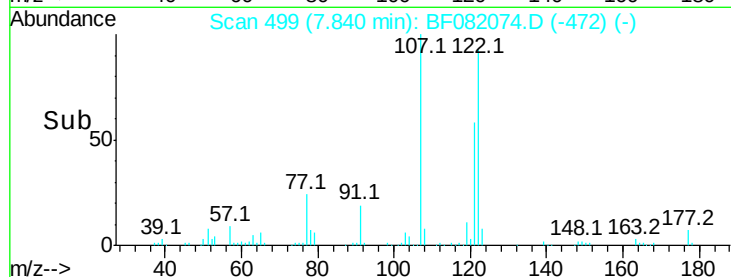
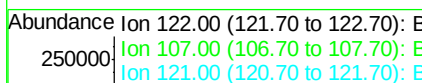
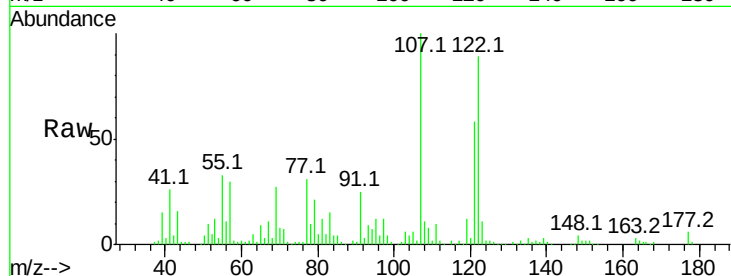
ClientSampleId :

SS-8(0-24)MSD

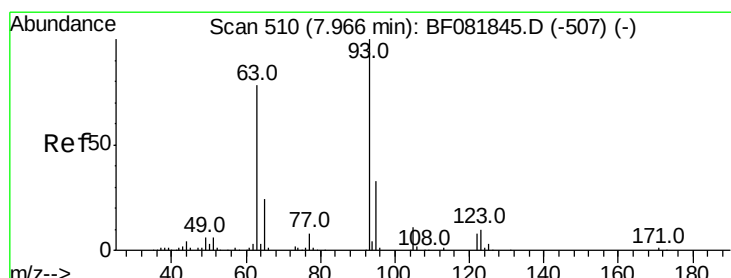
Manual Integrations
APPROVED

MMDadoda
10/6/2015 2:53:32 PM

Tot Ion:	122	Resp:	177739
Ion Ratio	Lower	Upper	
122	100		
107	112.5	71.8	107.6#
121	65.5	42.3	63.5#



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 47.96 ng

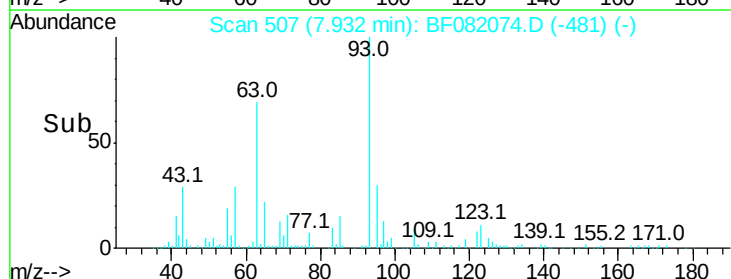
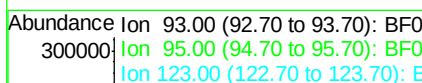
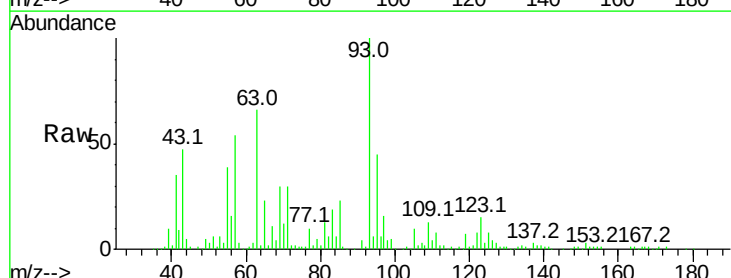
RT: 7.93 min Scan# 507

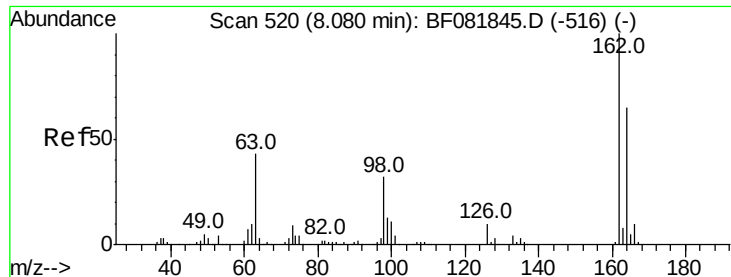
Delta R.T. -0.00 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion:	93	Resp:	230788
Ion Ratio	Lower	Upper	
93	100		
95	45.4	27.5	41.3#
123	14.7	13.7	20.5





#29

2,4-Dichlorophenol

Concen: 42.90 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

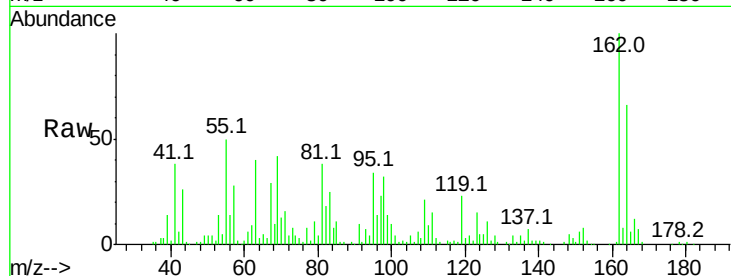
ClientSampleId :

SS-8(0-24)MSD

Tot Ion:	162	Resp:	155939
Ion Ratio	Lower	Upper	
162	100		
164	66.3	44.9	84.9
98	32.3	13.0	53.0

Manual Integrations
APPROVED

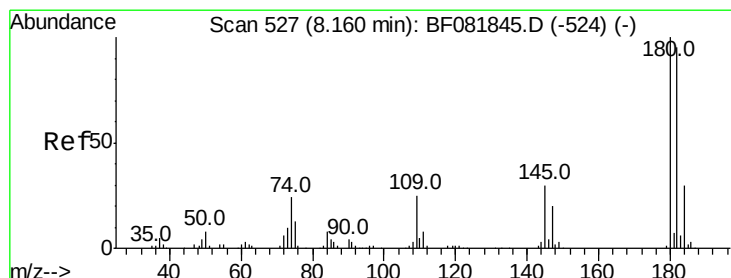
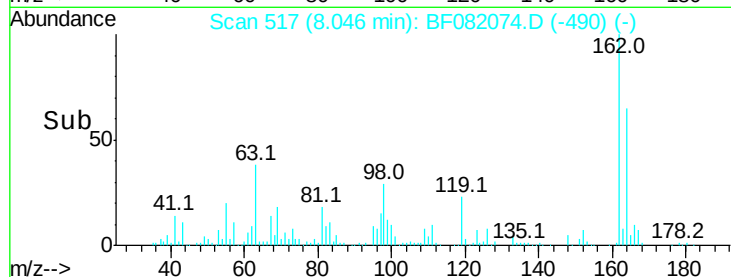
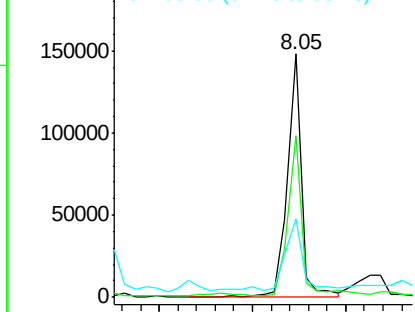
MMDadoda
10/6/2015 2:53:32 PM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.05 ng

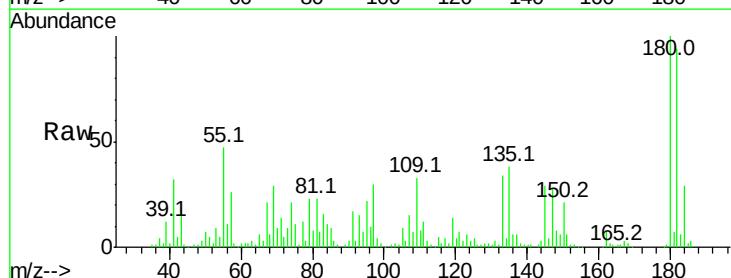
RT: 8.13 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

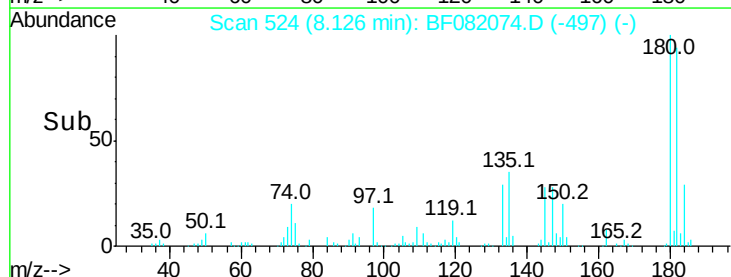
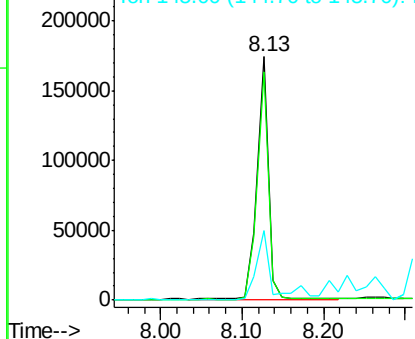
Tgt Ion:	180	Resp:	166590
Ion Ratio	Lower	Upper	
180	100		
182	93.7	77.1	115.7
145	28.7	23.3	34.9

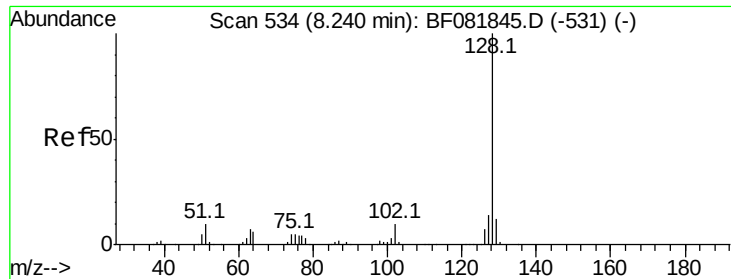


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





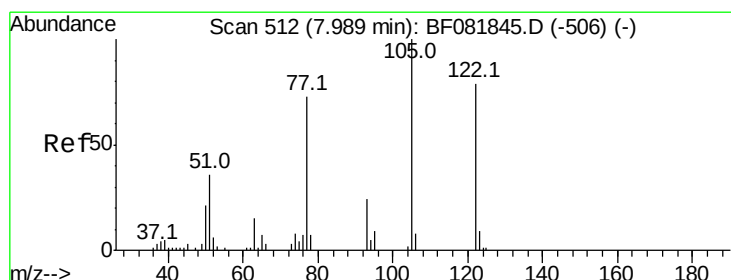
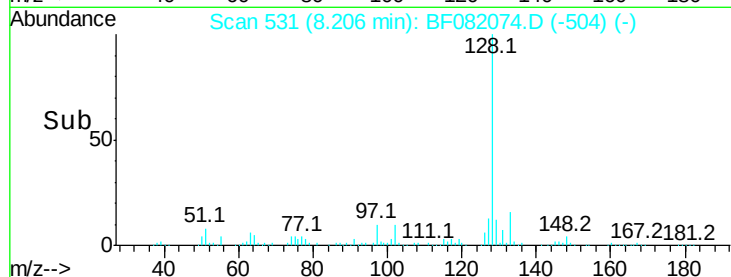
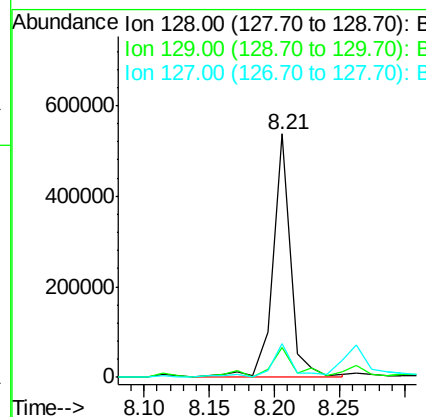
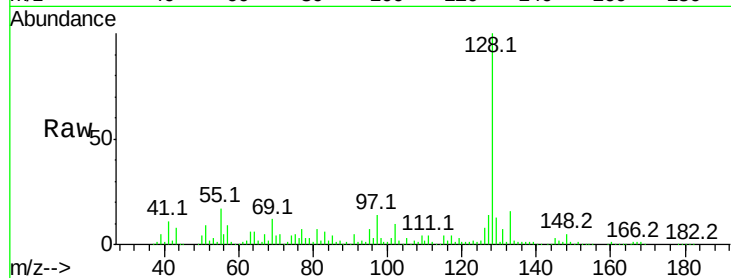
#31
Naphthalene
Concen: 41.47 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	12.5	8.4	12.6
127	13.9	9.9	14.9

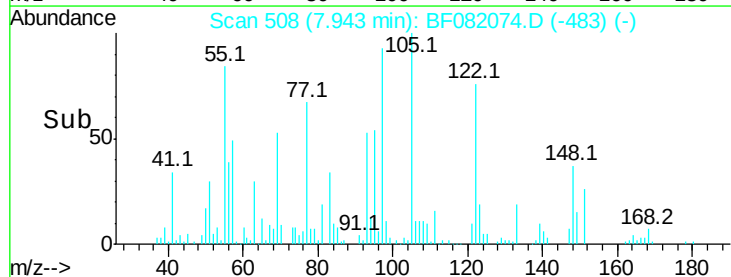
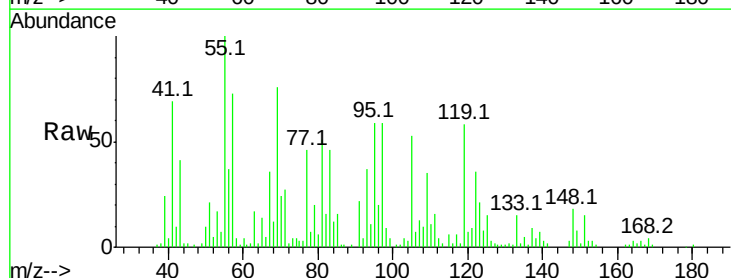
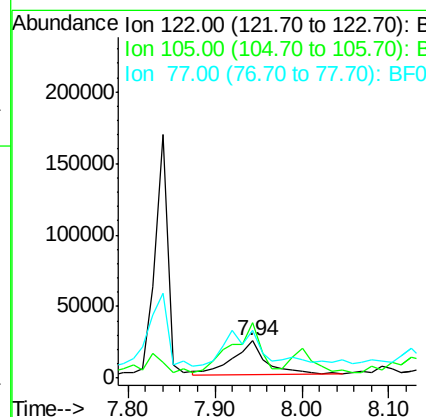
Manual Integrations
APPROVED

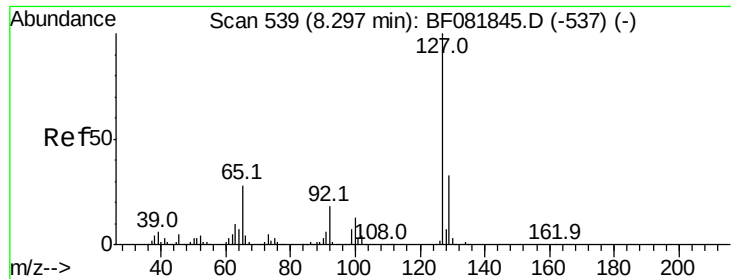
MMDadoda
10/6/2015 2:53:32 PM



#32
Benzoic acid
Concen: 30.47 ng
RT: 7.94 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	148.6	76.1	116.1#
77	127.2	40.5	80.5#





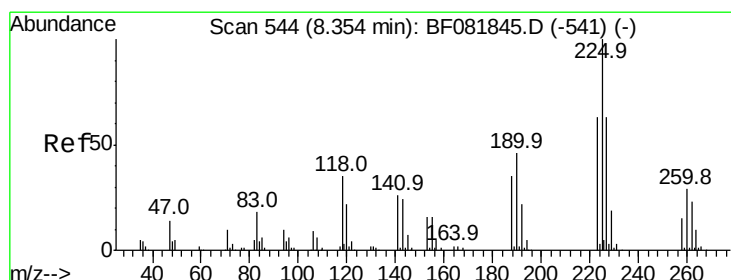
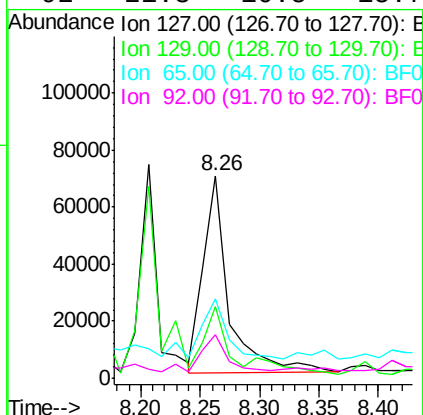
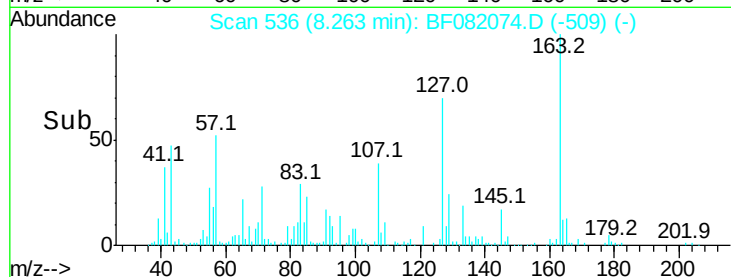
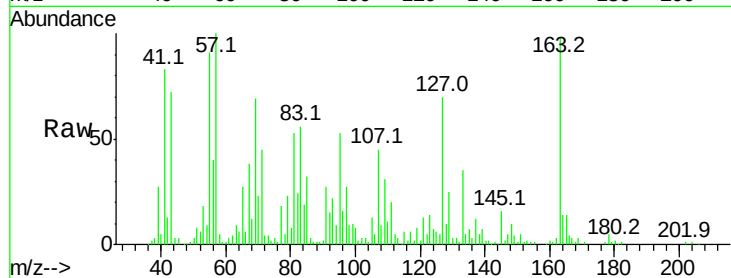
#33
4-Chloroaniline
Concen: 19.99 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	35.2	25.8	38.6
65	39.4	17.9	26.9
92	21.3	10.5	15.7

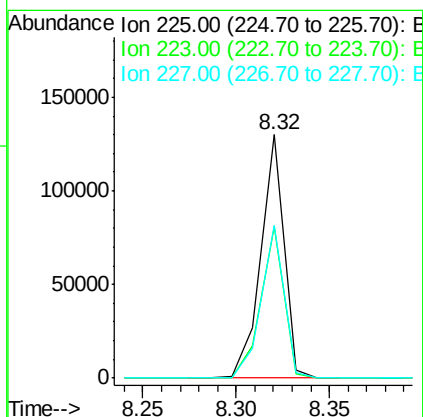
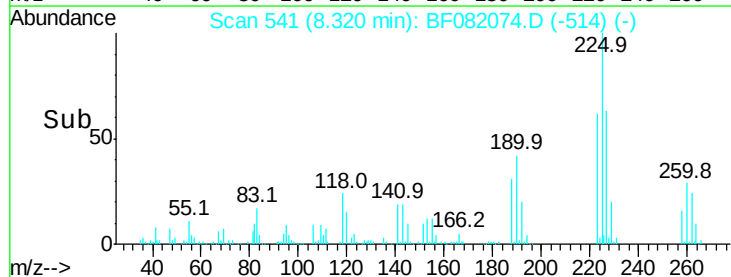
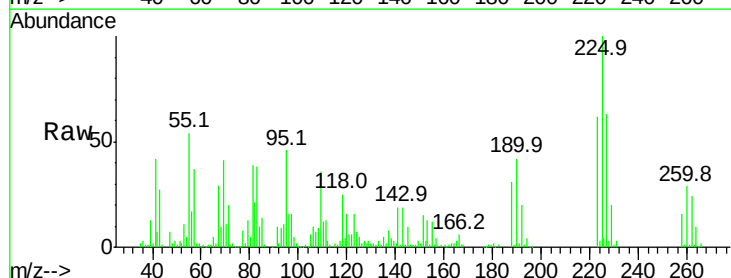
Manual Integrations
APPROVED

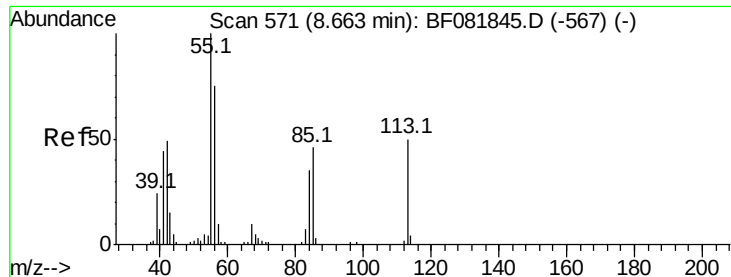
MMDadoda
10/6/2015 2:53:32 PM



#34
Hexachlorobutadiene
Concen: 46.31 ng
RT: 8.32 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.2	50.2	75.2
227	63.0	52.2	78.2





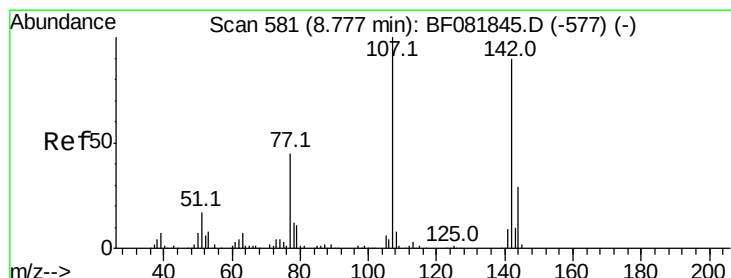
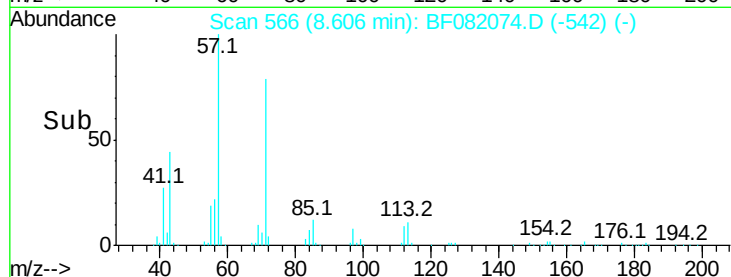
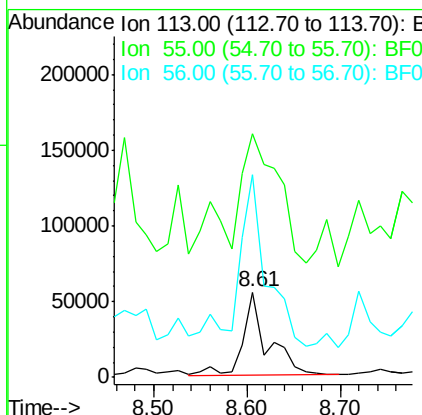
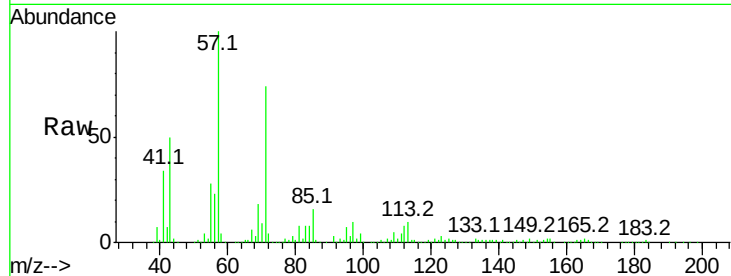
#35
Caprolactam
Concen: 99.19 ng
RT: 8.61 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	285.1	152.4	192.4#	
56	237.9	104.6	144.6#	

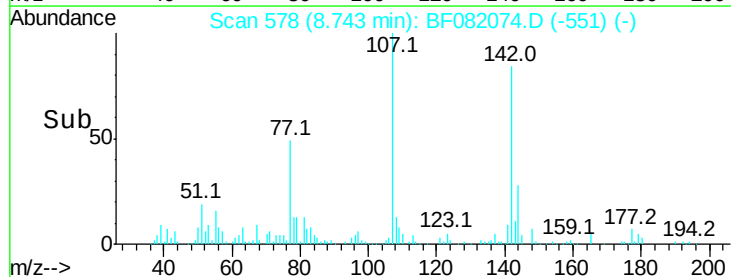
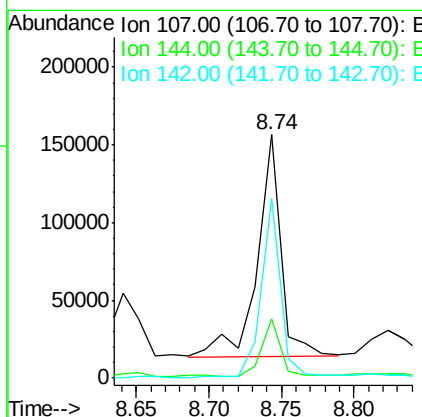
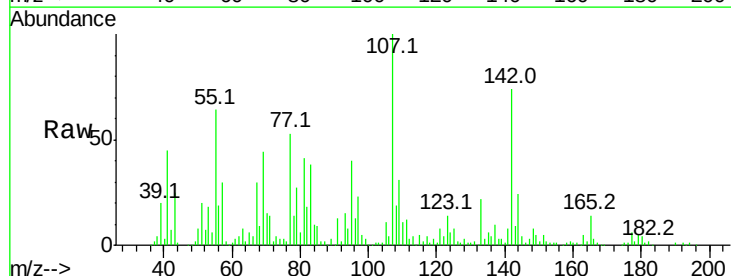
Manual Integrations
APPROVED

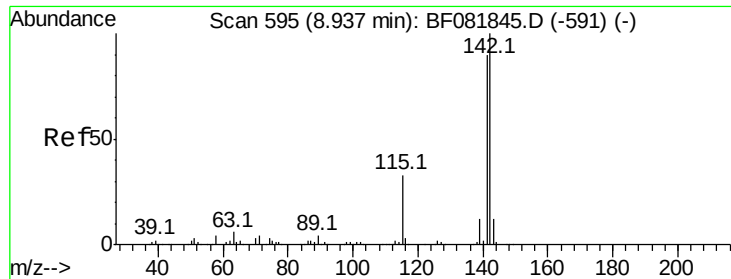
MMDadoda
10/6/2015 2:53:32 PM



#36
4-Chloro-3-methylphenol
Concen: 44.88 ng
RT: 8.74 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.4	25.4	38.0#	
142	73.9	77.3	115.9#	





#37

2-Methylnaphthalene

Concen: 38.72 ng

RT: 8.90 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF082074.D

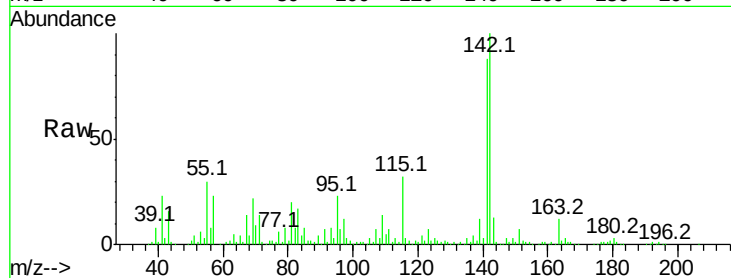
Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

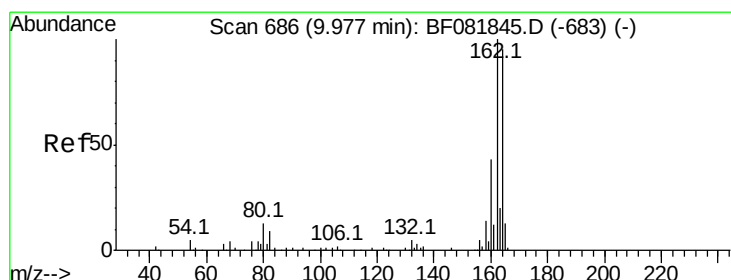
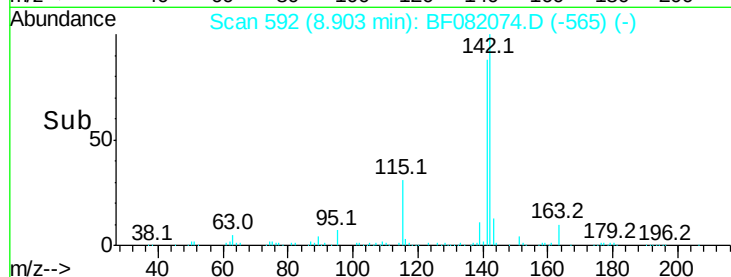
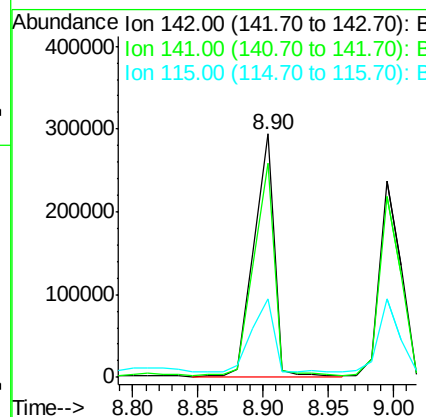
SS-8(0-24)MSD



Tot Ion:	142	Resp:	319103
Ion Ratio	Lower	Upper	
142	100		
141	88.2	67.5	101.3
115	32.0	18.2	27.2

Manual Integrations
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MMDadoda
10/6/2015 2:53:32 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

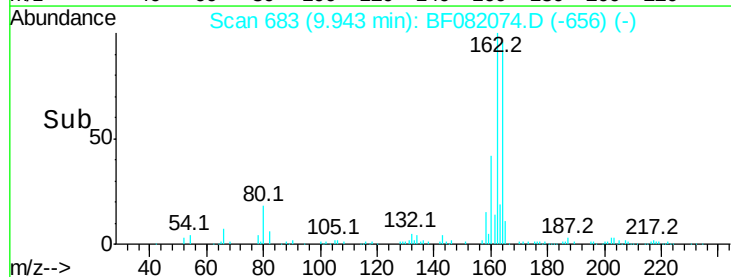
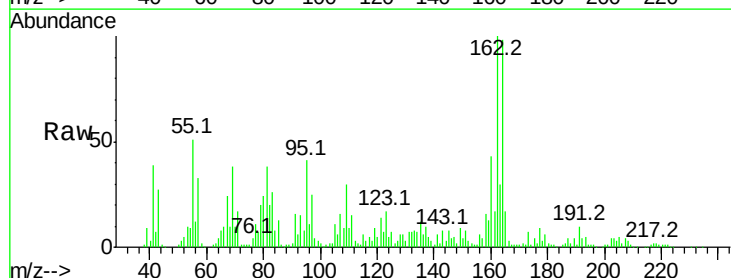
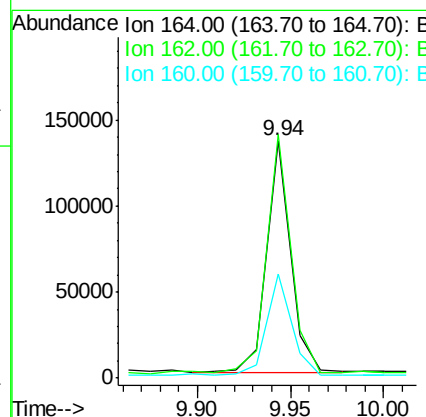
RT: 9.94 min Scan# 683

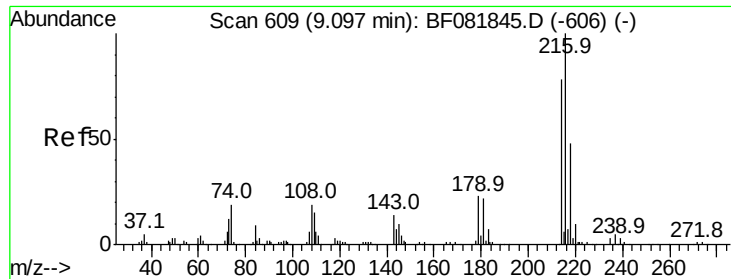
Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion:	164	Resp:	117560
Ion Ratio	Lower	Upper	
164	100		
162	102.4	75.2	112.8
160	43.9	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.44 ng

RT: 9.06 min Scan# 606

Delta R.T. 0.01 min

Lab File: BF082074.D

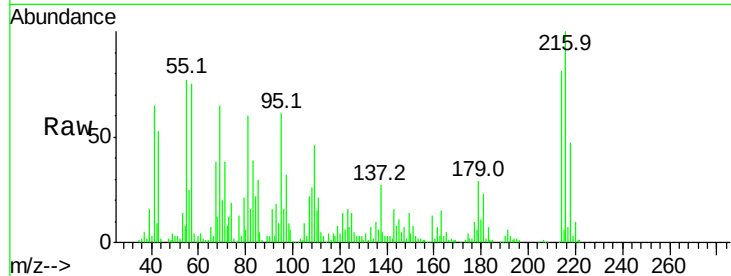
Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

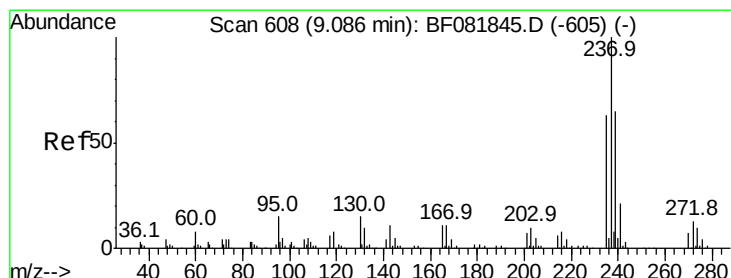
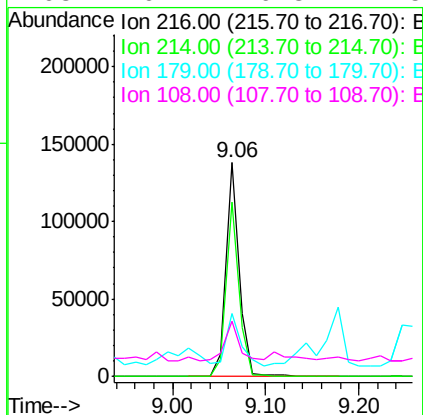
SS-8(0-24)MSD



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.5	95.3	
179	27.4	16.6	24.8	
108	20.1	16.3	24.5	

Manual Integrations
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MMDadoda
10/6/2015 2:53:32 PM



#40

Hexachlorocyclopentadiene

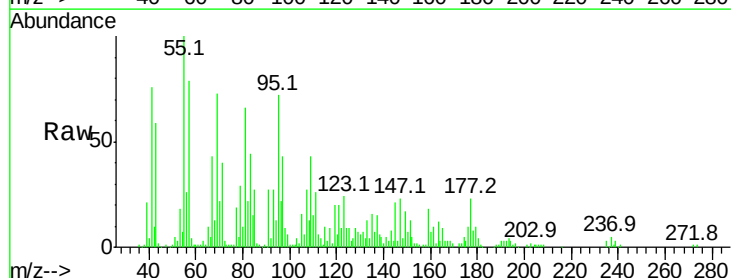
Concen: 3.18 ng

RT: 9.04 min Scan# 604

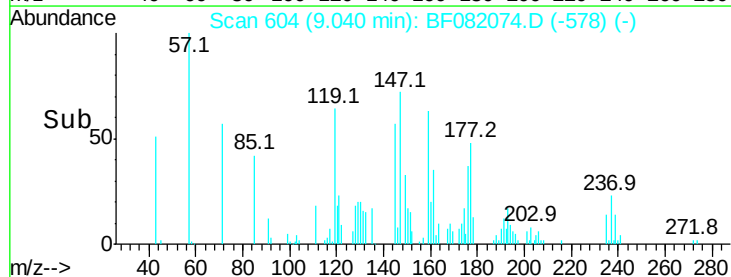
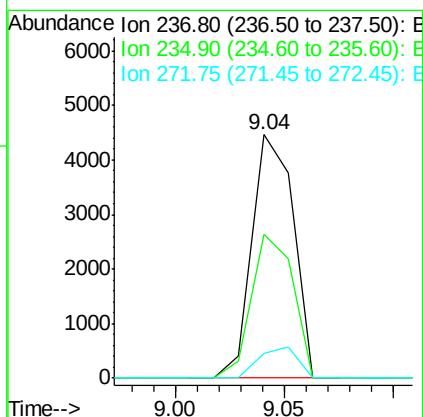
Delta R.T. -0.00 min

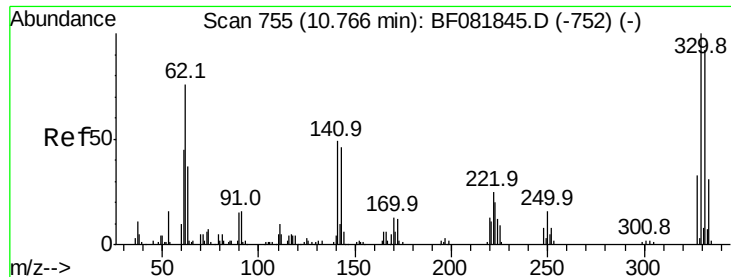
Lab File: BF082074.D

Acq: 6 Oct 2015 6:01



Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	59.0	42.0	82.0	
272	9.9	0.0	36.1	





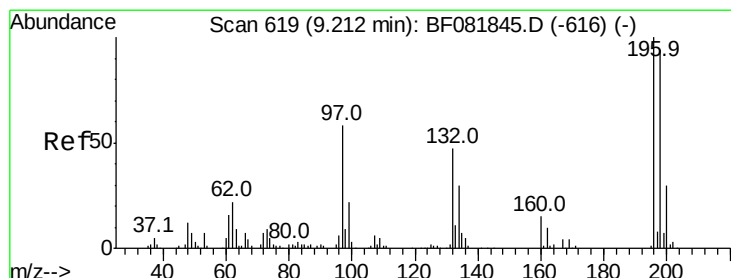
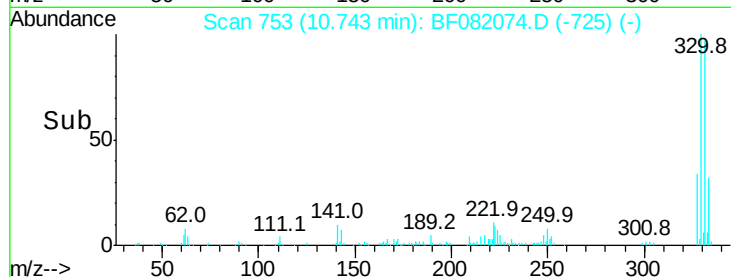
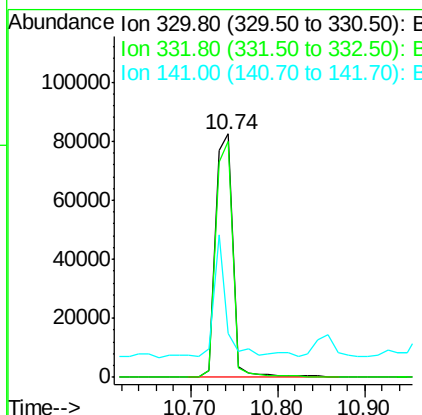
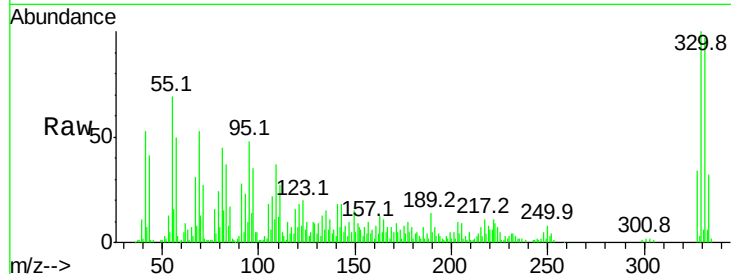
#41
 2,4,6-Tribromophenol
 Concen: 98.90 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.02 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	117754		
332	96.2	76.6	114.8	
141	37.5	29.7	44.5	

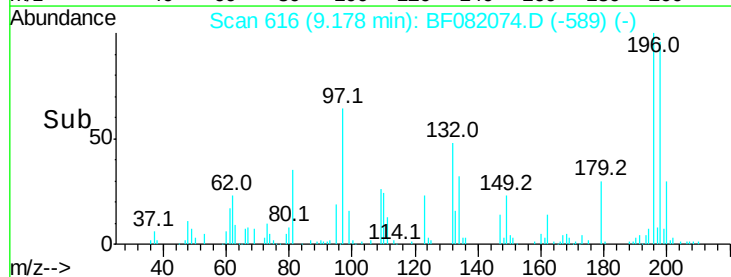
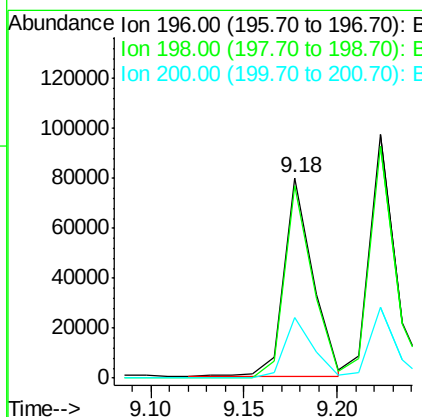
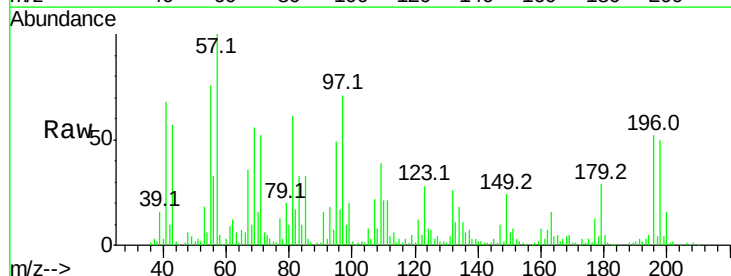
Manual Integrations
 APPROVED

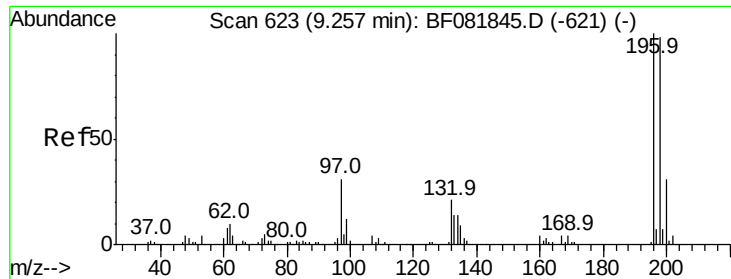
MMDadoda
 10/6/2015 2:53:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 34.24 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

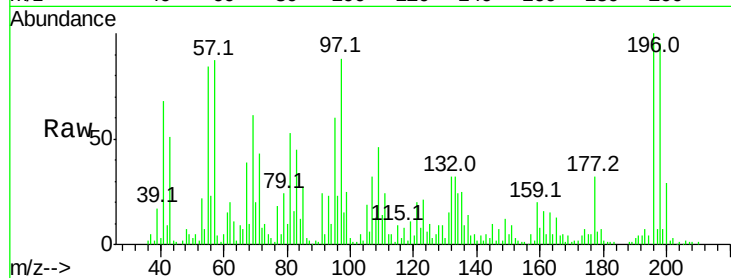
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84712		
198	96.2	75.7	113.5	
200	30.2	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 35.06 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.02 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

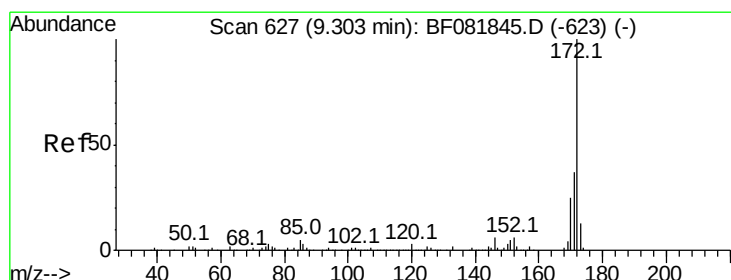
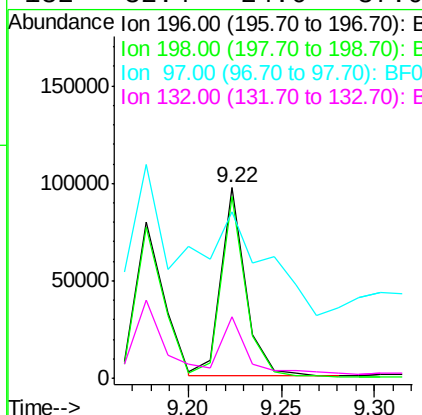
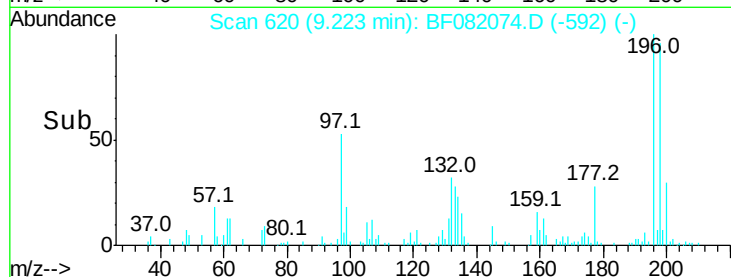
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD



Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.4	75.4	113.0	
97	87.5	33.3	49.9	
132	32.4	24.6	37.0	

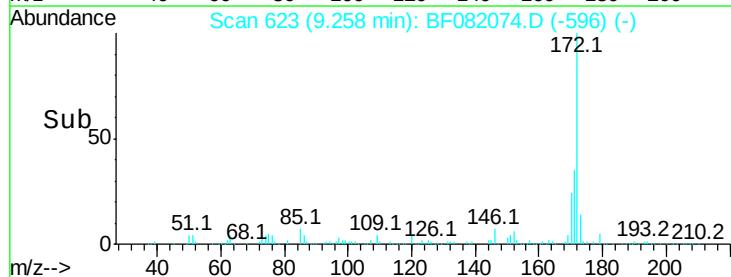
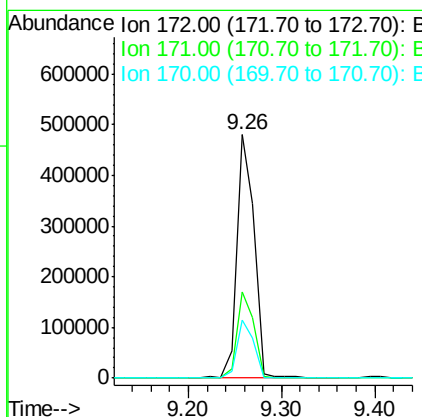
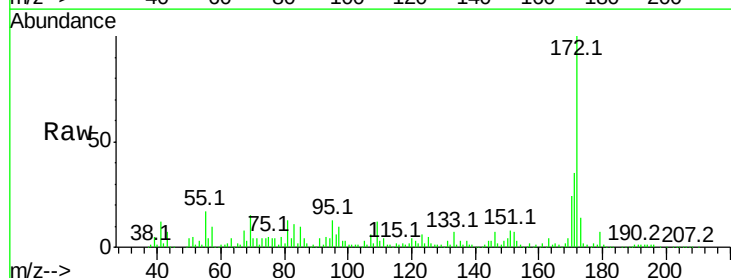
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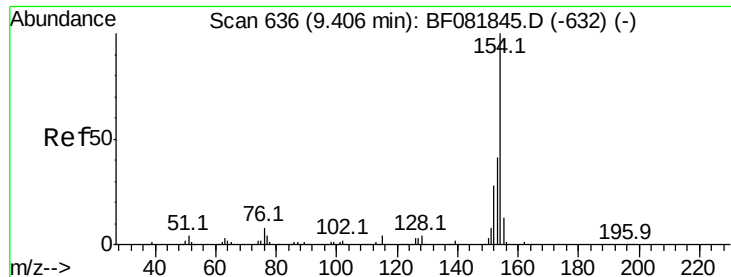
MMDadoda
 10/6/2015 2:53:32 PM



#44
 2-Fluorobiphenyl
 Concen: 89.10 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	26.1	39.1	
170	23.7	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 37.74 ng

RT: 9.36 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

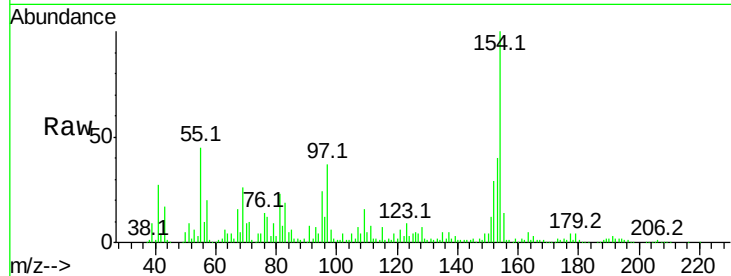
ClientSampleId :

SS-8(0-24)MSD

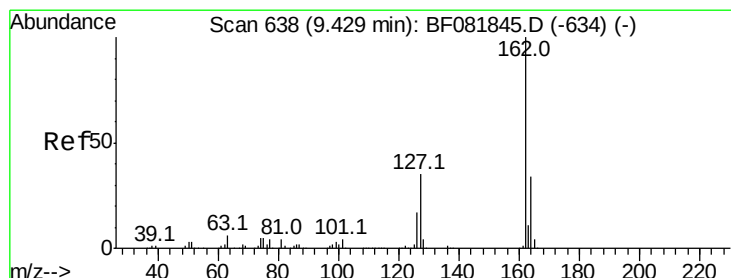
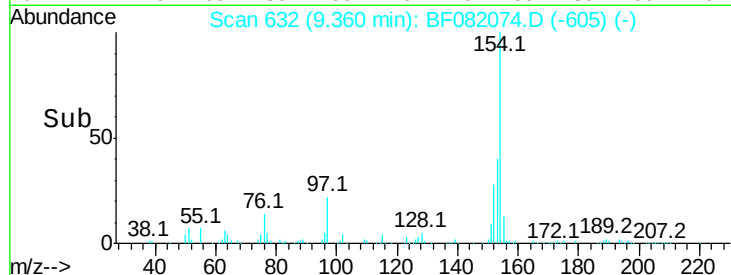
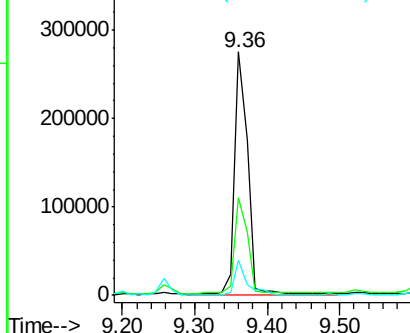
Tot Ion:	154	Resp:	342266
Ion Ratio	Lower	Upper	
154	100		
153	40.3	17.1	57.1
76	14.1	0.0	31.6

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10/6/2015 2:53:32 PM



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: 38.56 ng

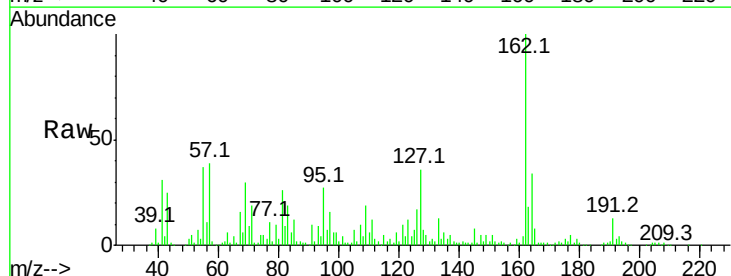
RT: 9.39 min Scan# 635

Delta R.T. 0.01 min

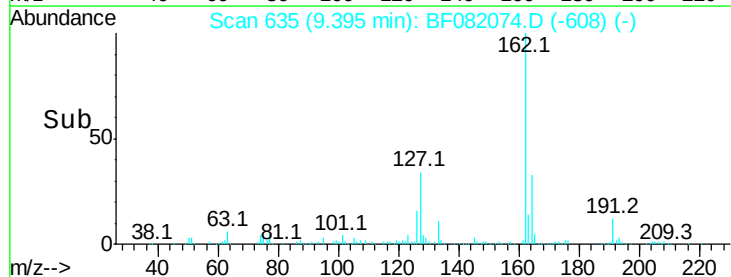
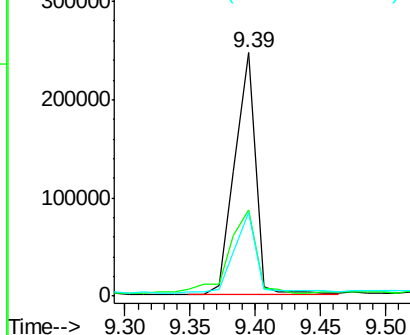
Lab File: BF082074.D

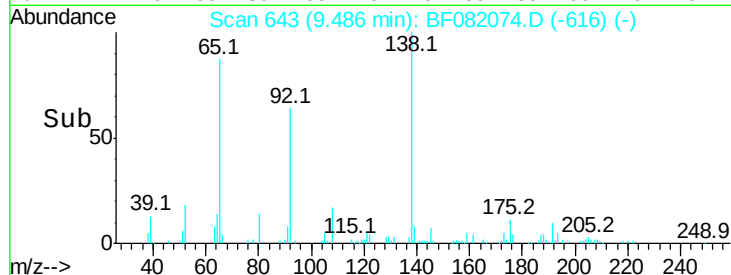
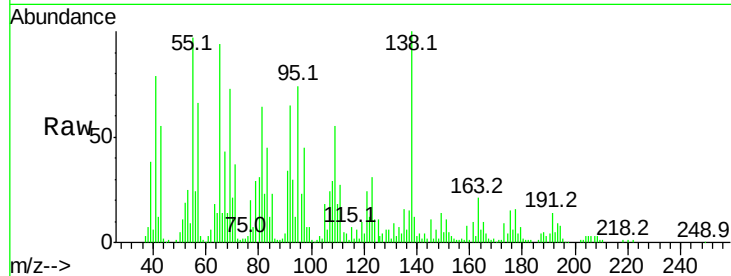
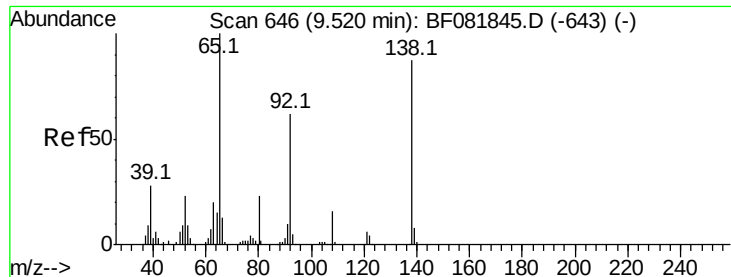
Acq: 6 Oct 2015 6:01

Tgt Ion:	162	Resp:	274606
Ion Ratio	Lower	Upper	
162	100		
127	35.6	27.6	41.4
164	34.2	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





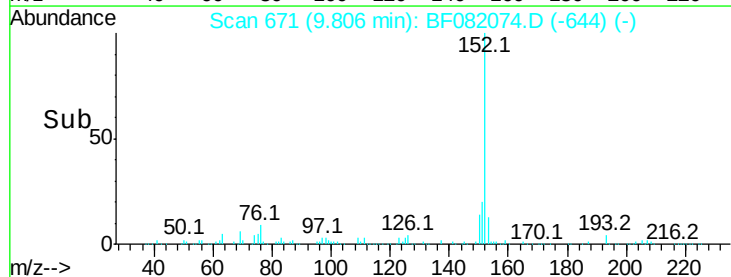
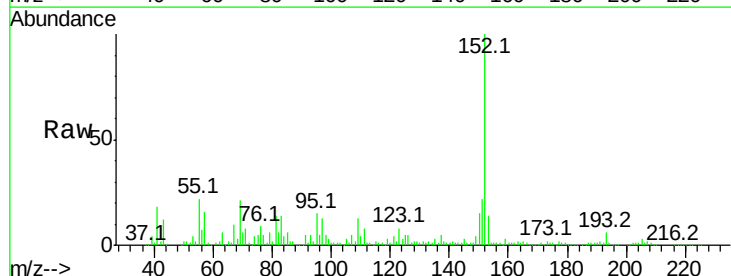
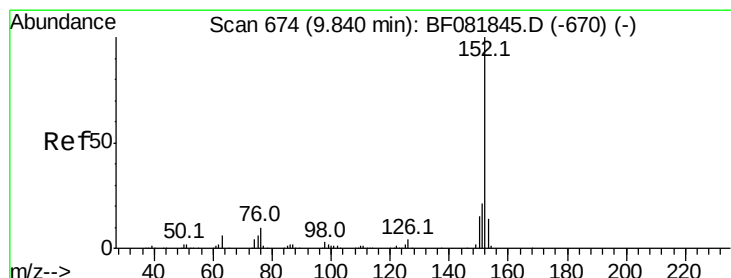
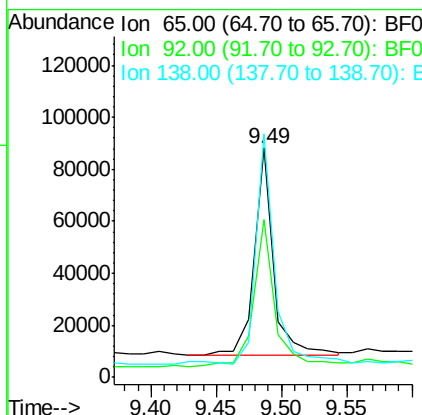
#47
2-Nitroaniline
Concen: 39.45 ng
RT: 9.49 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.4	83.0
138	106.3	115.5	173.3

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

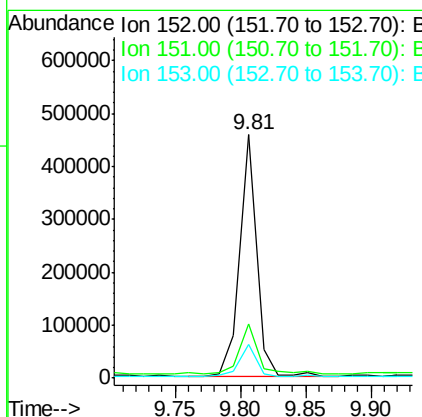
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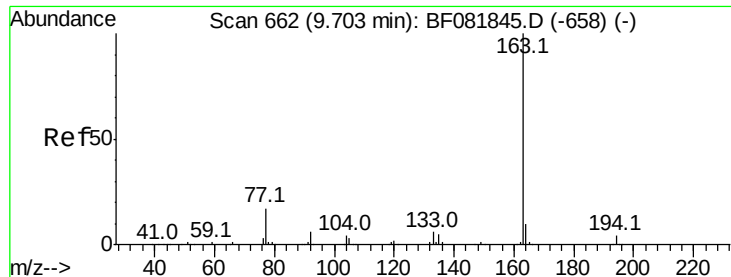
MMDadoda
10/6/2015 2:53:32 PM



#48
Acenaphthylene
Concen: 36.05 ng
RT: 9.81 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	14.6	22.0
153	13.9	10.3	15.5





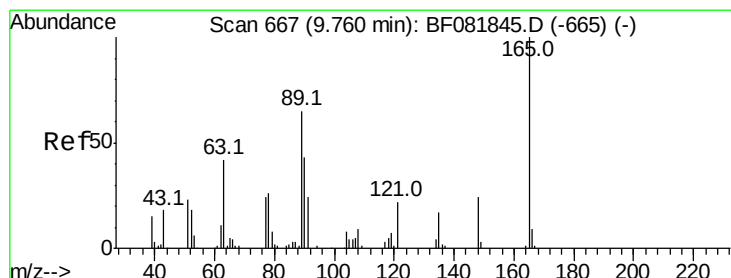
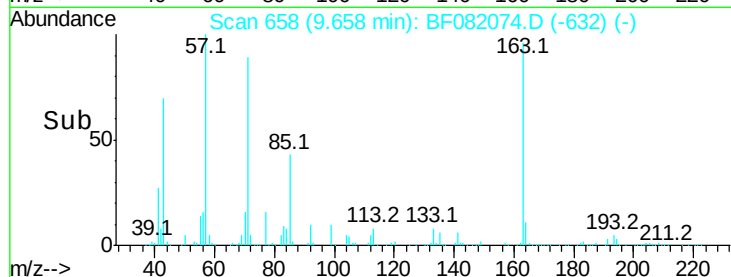
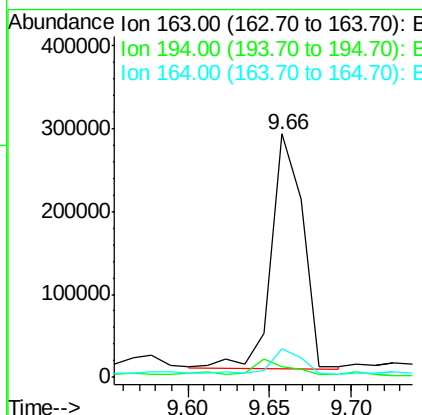
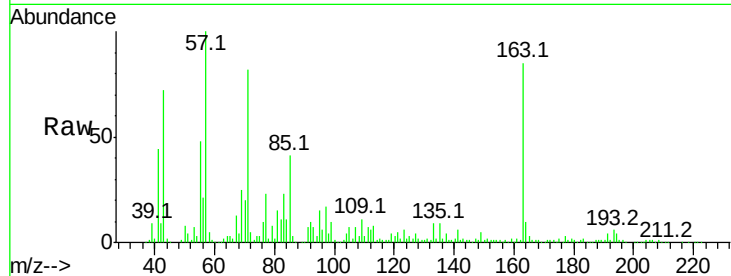
#49
Dimethylphthalate
Concen: 46.72 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	379147		
194	4.6		4.4	6.6
164	11.9		8.3	12.5

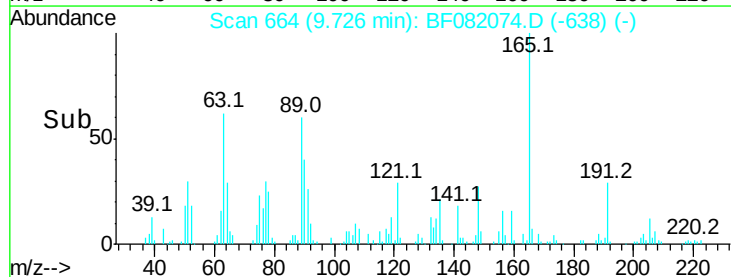
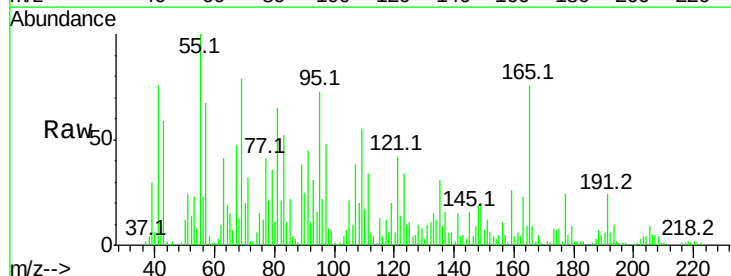
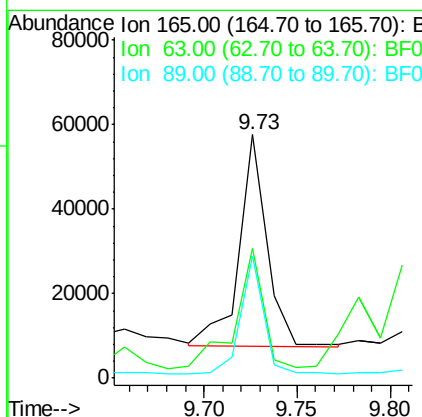
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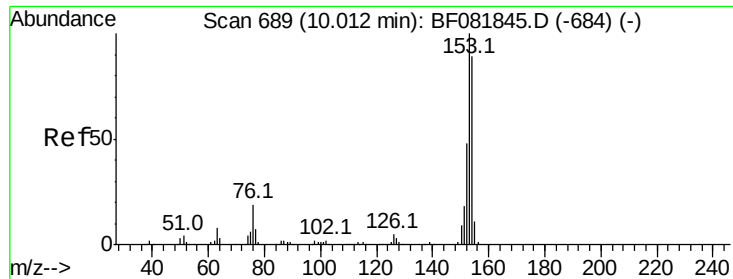
MMDadoda
10/6/2015 2:53:32 PM



#50
2,6-Dinitrotoluene
Concen: 29.80 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	52504		
63	53.5		32.3	48.5#
89	50.4		28.6	43.0#





#51

Acenaphthene

Concen: 35.48 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

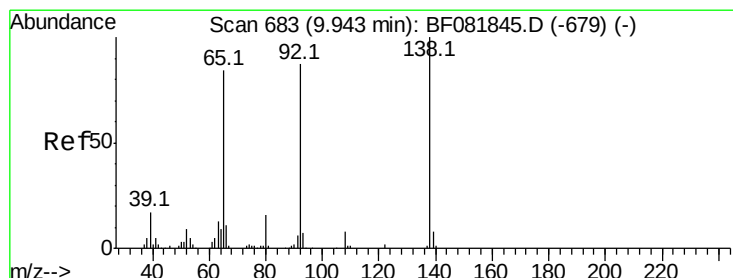
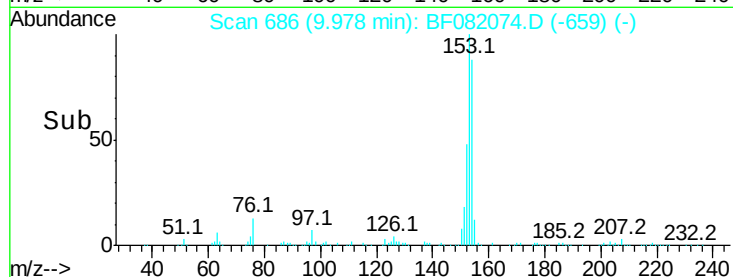
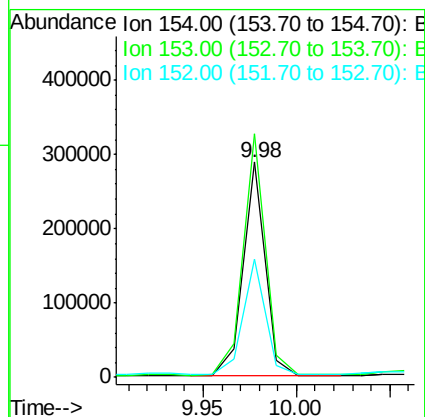
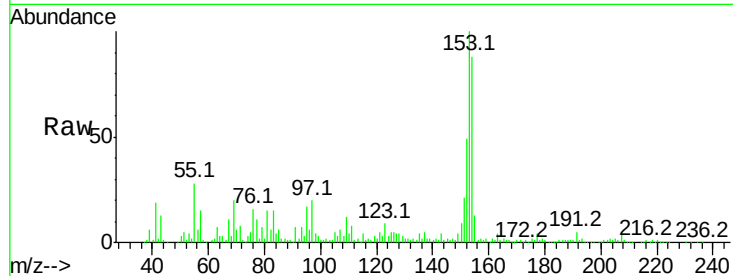
ClientSampleId :

SS-8(0-24)MSD

Tot Ion:	154	Resp:	240142
Ion Ratio	Lower	Upper	
154	100		
153	113.2	82.1	123.1
152	55.1	37.9	56.9

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10/6/2015 2:53:32 PM



#52

3-Nitroaniline

Concen: 40.22 ng

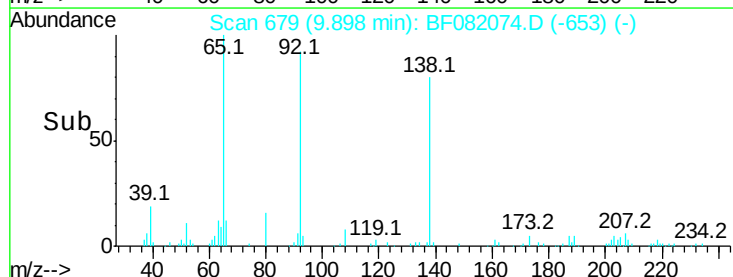
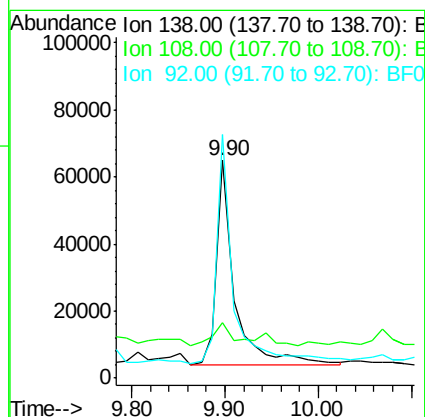
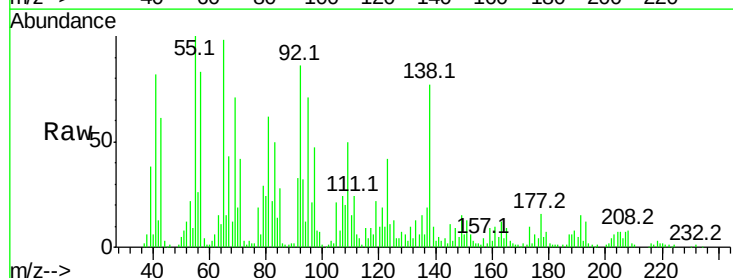
RT: 9.90 min Scan# 679

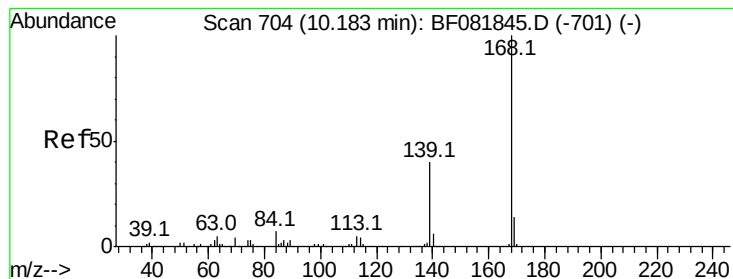
Delta R.T. -0.00 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion:	138	Resp:	81977
Ion Ratio	Lower	Upper	
138	100		
108	25.5	5.7	8.5#
92	112.0	67.7	101.5#





#54

Dibenzofuran

Concen: 39.39 ng

RT: 10.15 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

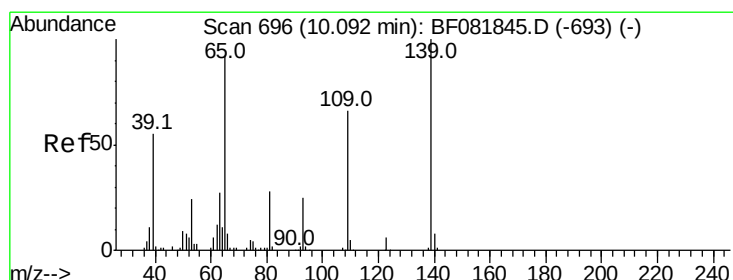
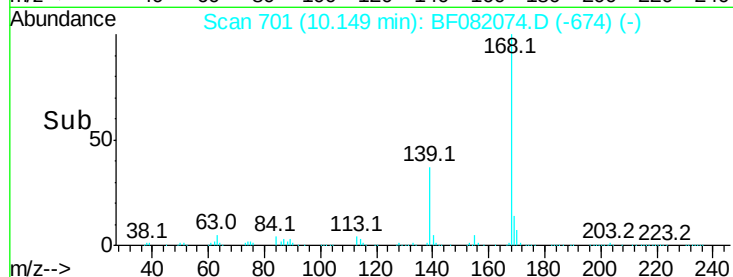
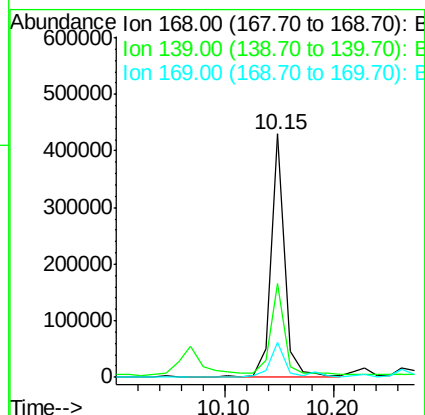
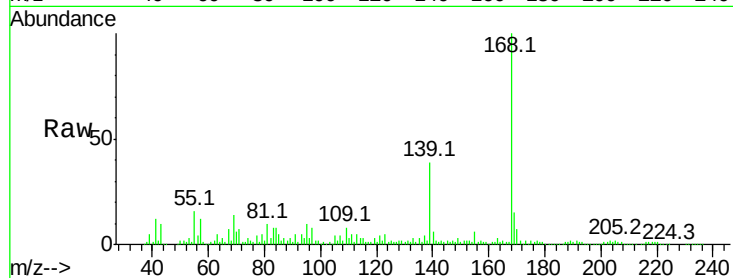
ClientSampleId :

SS-8(0-24)MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.5	24.2	36.2#	
169	14.6	10.6	15.8	

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10/6/2015 2:53:32 PM



#55

4-Nitrophenol

Concen: 51.72 ng

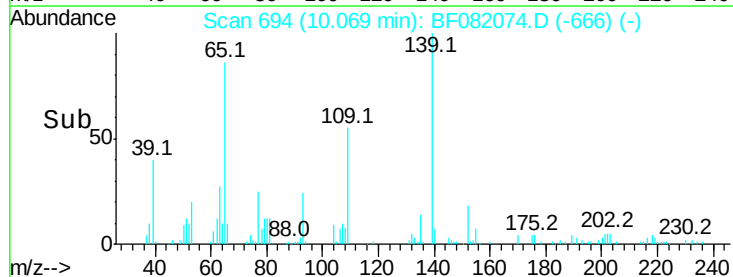
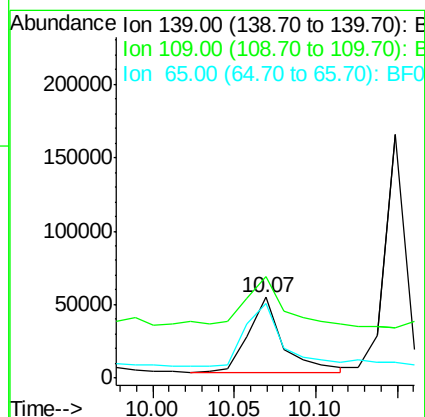
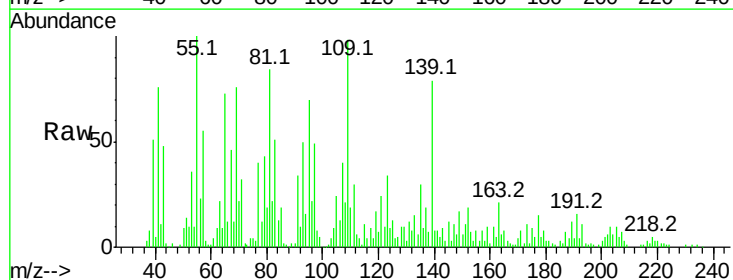
RT: 10.07 min Scan# 694

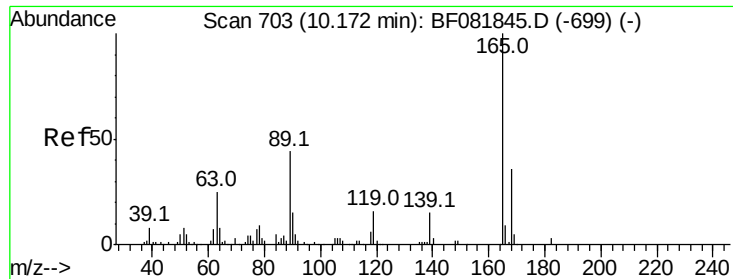
Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	124.7	12.7	52.7#	
65	92.1	45.9	85.9#	





#56

2,4-Dinitrotoluene

Concen: 22.23 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

Tot Ion:165 Resp: 49927
Ion Ratio Lower Upper

165 100

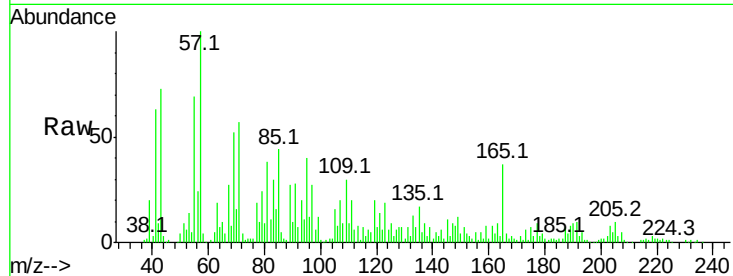
63 50.7 29.8 44.6#

89 72.8 44.5 66.7#

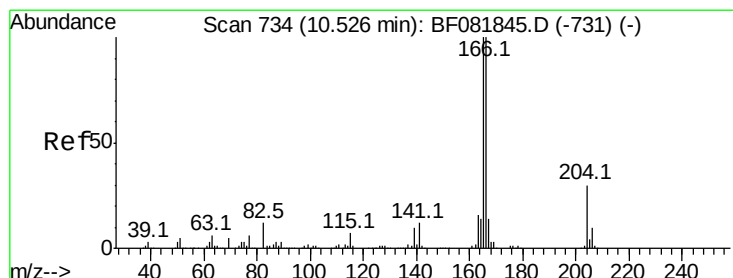
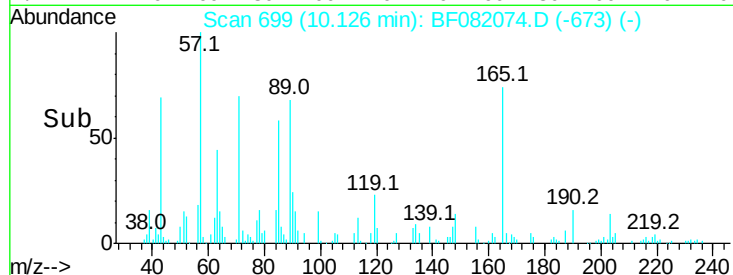
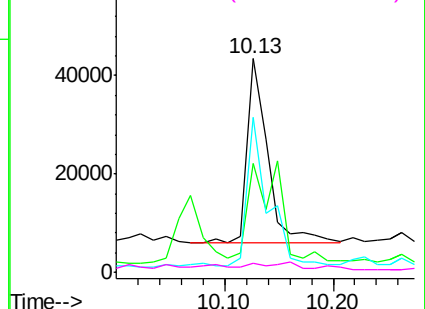
182 4.1 3.0 4.4

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10/6/2015 2:53:32 PM



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



#57

Fluorene

Concen: 42.61 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF082074.D

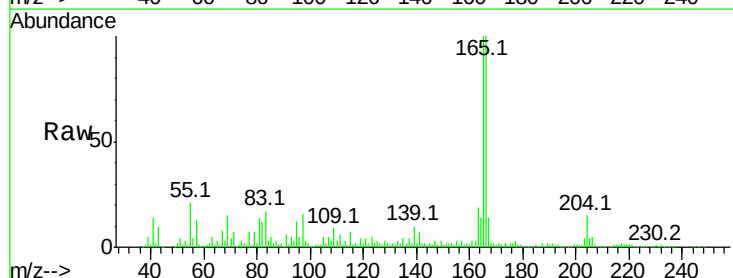
Acq: 6 Oct 2015 6:01

Tgt Ion:166 Resp: 292267
Ion Ratio Lower Upper

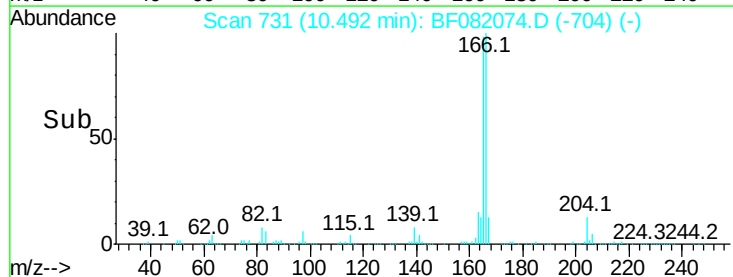
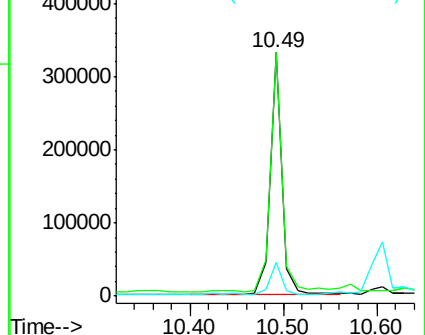
166 100

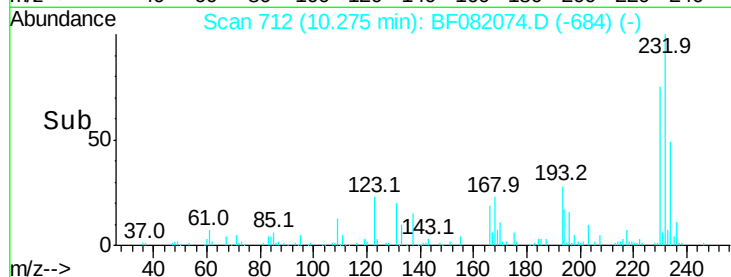
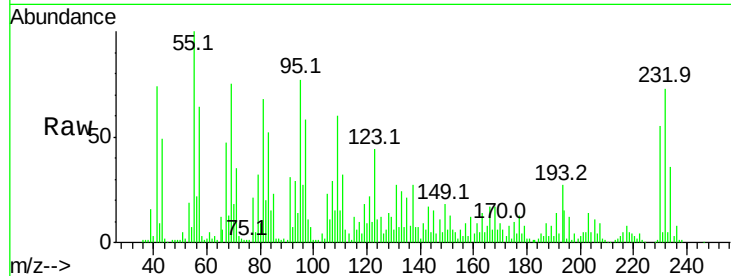
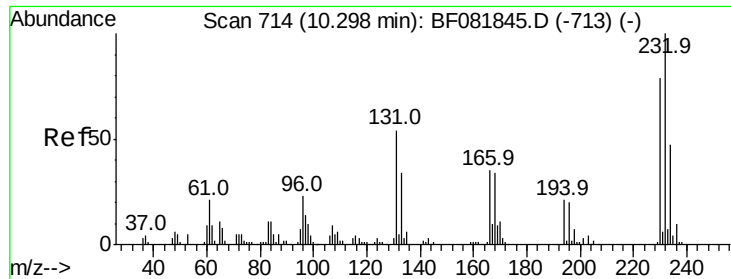
165 99.9 72.6 109.0

167 13.9 10.6 16.0



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





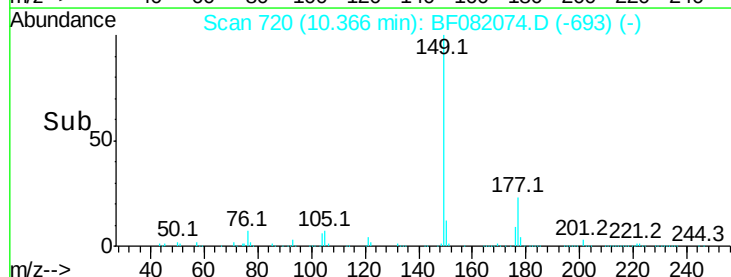
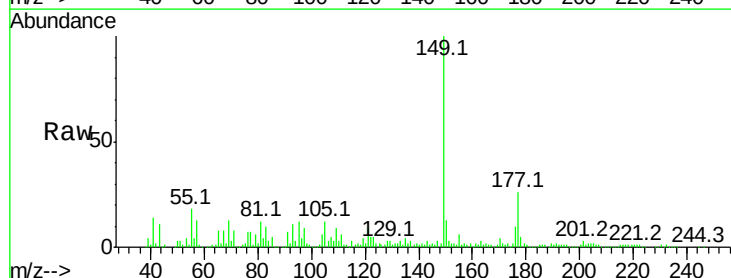
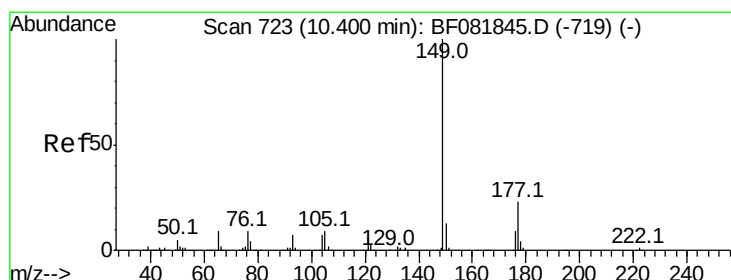
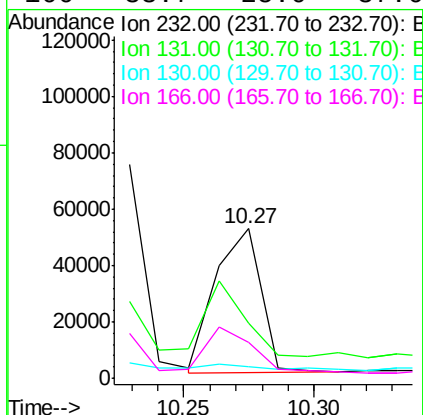
#58
2,3,4,6-Tetrachlorophenol
Concen: 30.94 ng
RT: 10.27 min Scan# 712
Delta R.T. 0.02 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

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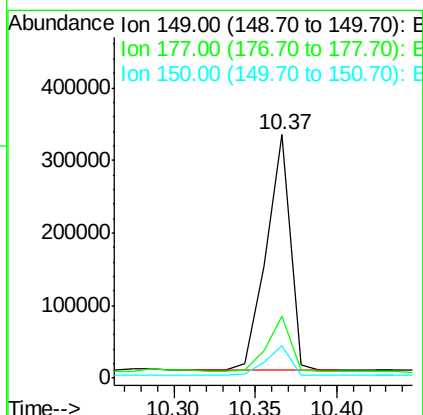
MMDadoda
10/6/2015 2:53:32 PM

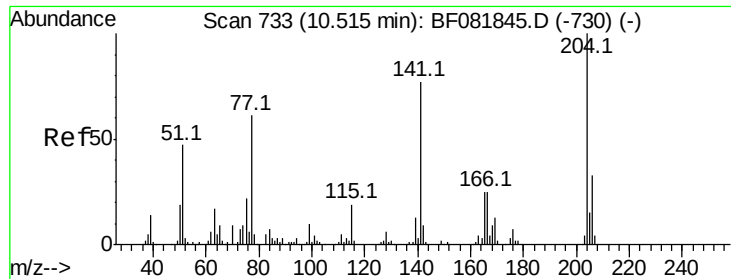
Tot Ion	Ratio	Resp	Lower	Upper
232	100	62449		
131	47.1	38.5	57.7	
130	6.7	1.8	2.6	
166	33.7	25.0	37.6	



#59
Diethylphthalate
Concen: 44.11 ng
RT: 10.37 min Scan# 720
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	334334		
177	25.6	17.5	26.3	
150	13.2	9.4	14.2	





#60

4-Chlorophenyl-phenylether

Concen: 38.61 ng

RT: 10.48 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

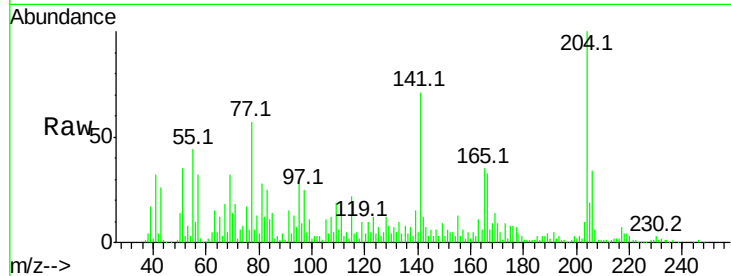
ClientSampleId :

SS-8(0-24)MSD

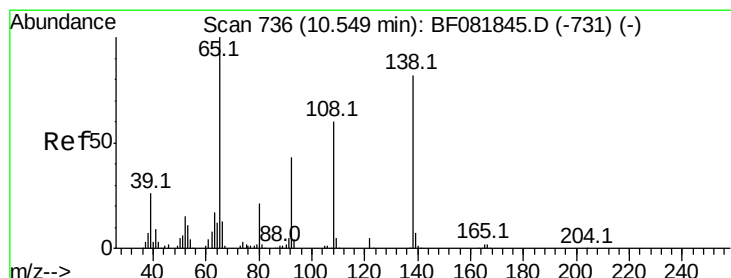
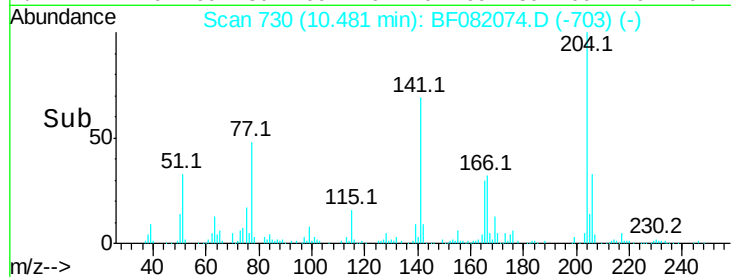
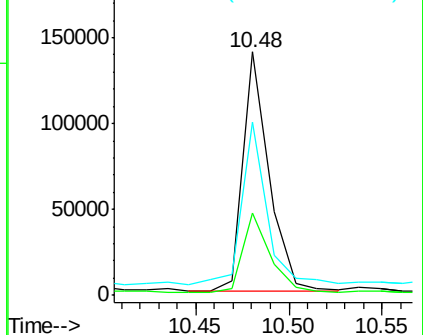
Tot Ion:	204	Resp:	135204
Ion Ratio	Lower	Upper	
204	100		
206	34.0	24.8	37.2
141	71.1	42.2	63.4#

Manual Integrations
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10/6/2015 2:53:32 PM



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



#61

4-Nitroaniline

Concen: 38.07 ng

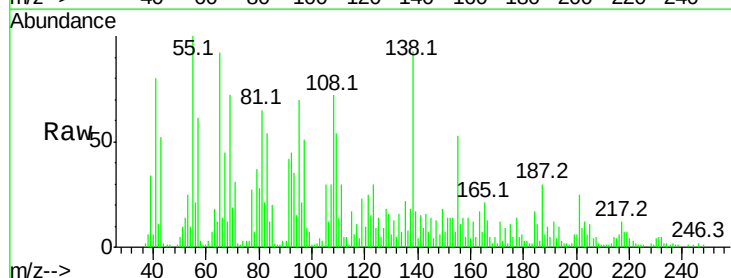
RT: 10.51 min Scan# 733

Delta R.T. -0.00 min

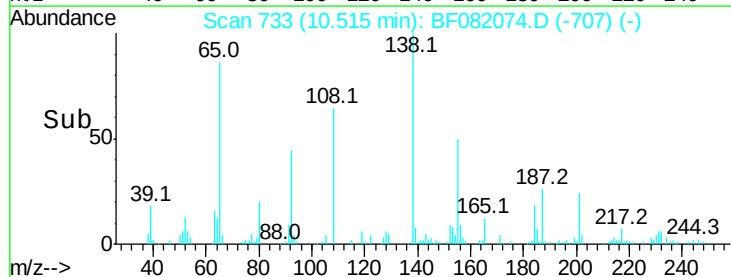
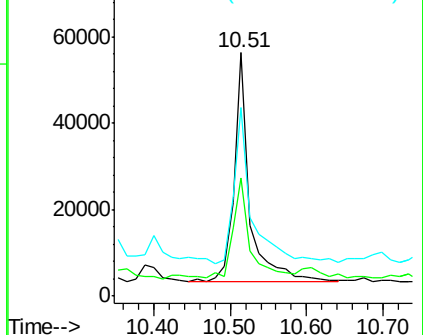
Lab File: BF082074.D

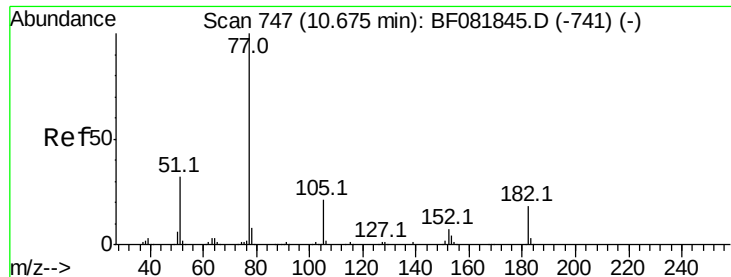
Acq: 6 Oct 2015 6:01

Tgt Ion:	138	Resp:	77807
Ion Ratio	Lower	Upper	
138	100		
92	48.5	12.6	52.6
108	77.7	12.4	52.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 35.68 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF082074.D

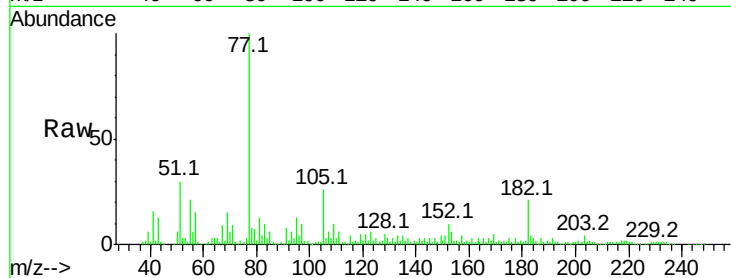
Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD



Tot Ion: 77 Resp: 263965

Ion Ratio Lower Upper

77 100

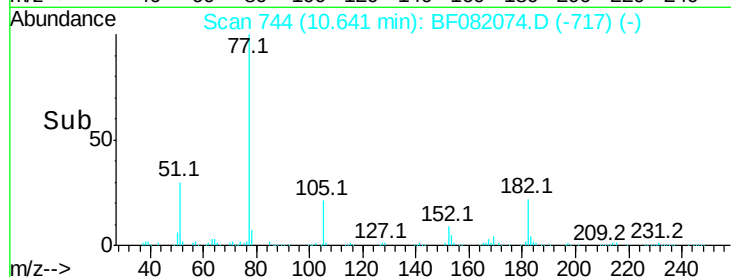
182 21.2 15.1 55.1

105 26.2 3.4 43.4

51 29.6 12.0 52.0

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10/6/2015 2:53:32 PM

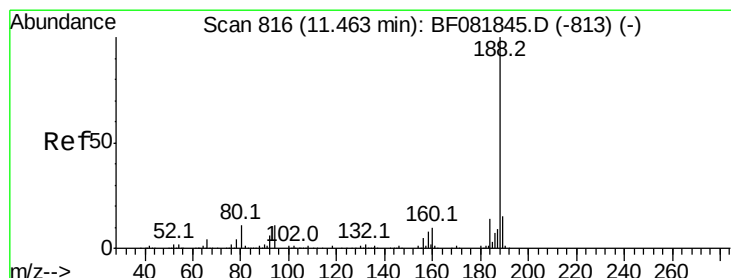
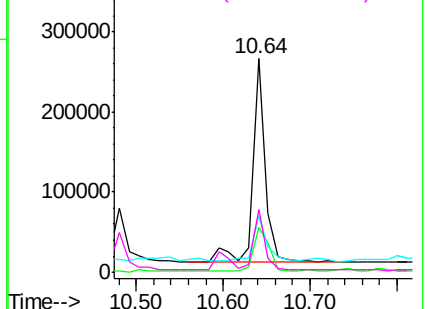


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

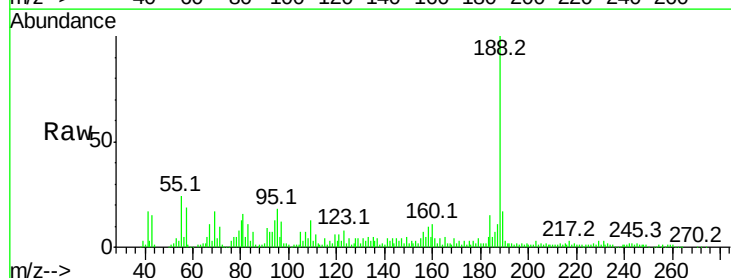
Tgt Ion: 188 Resp: 194355

Ion Ratio Lower Upper

188 100

94 12.6 11.1 16.7

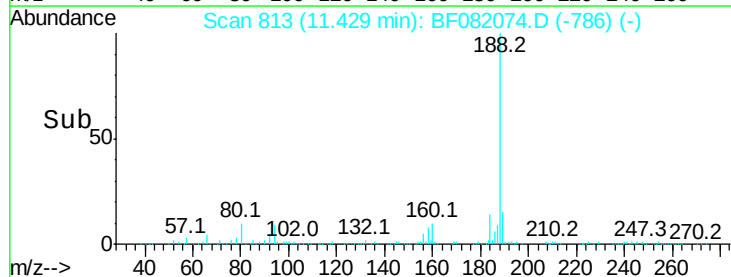
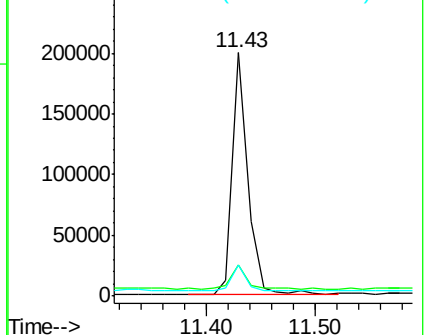
80 12.7 11.0 16.4

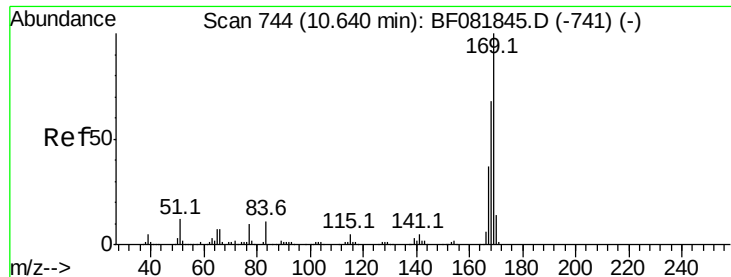


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 48.20 ng

RT: 10.61 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

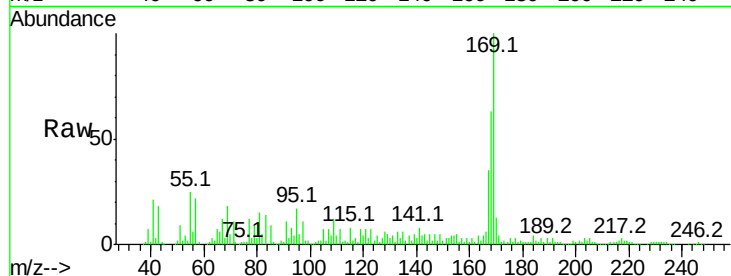
ClientSampleId :

SS-8(0-24)MSD

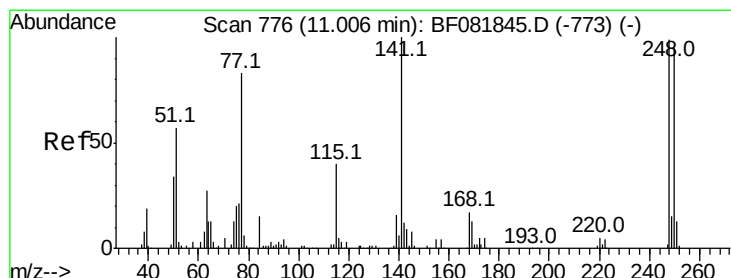
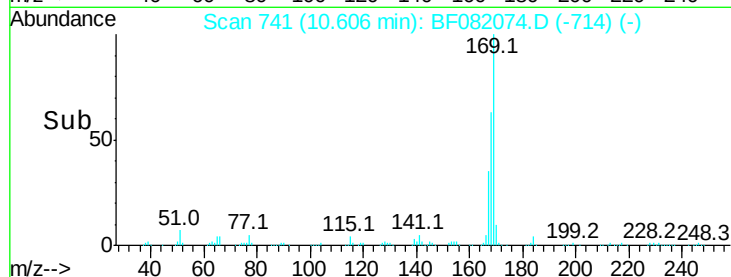
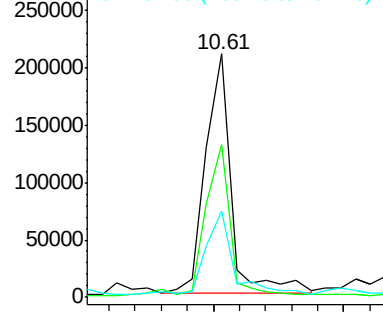
Tot Ion:	169	Resp:	283413
Ion Ratio	Lower	Upper	
169	100		
168	62.8	48.9	73.3
167	35.2	26.2	39.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.90 ng

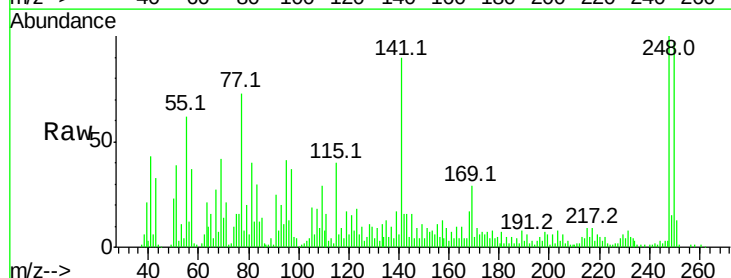
RT: 10.97 min Scan# 773

Delta R.T. 0.01 min

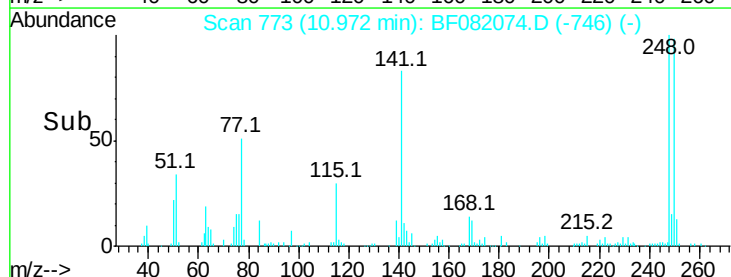
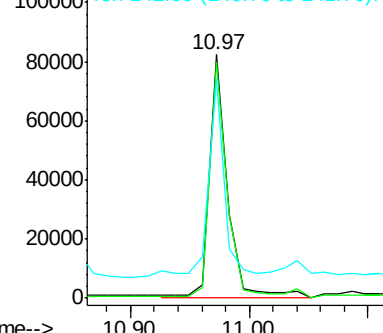
Lab File: BF082074.D

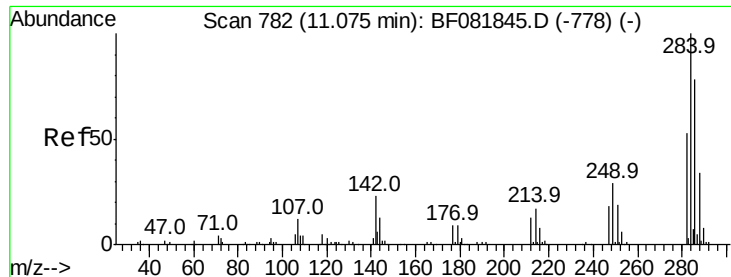
Acq: 6 Oct 2015 6:01

Tgt Ion:	248	Resp:	87980
Ion Ratio	Lower	Upper	
248	100		
250	97.0	78.5	117.7
141	90.2	59.0	88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.94 ng

RT: 11.04 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

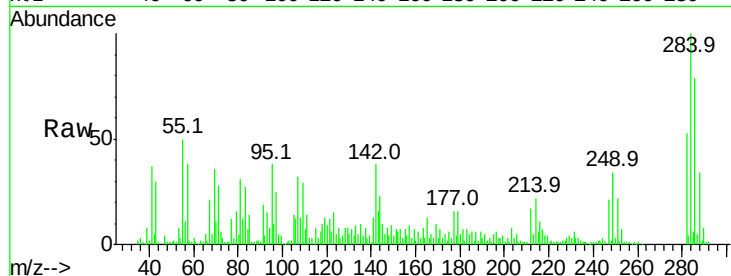
ClientSampleId :

SS-8(0-24)MSD

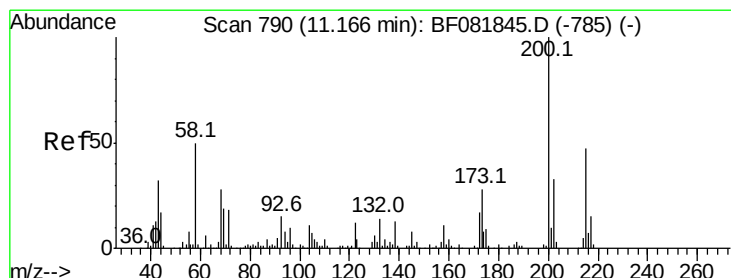
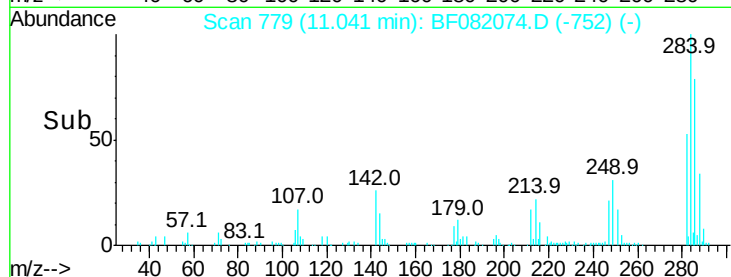
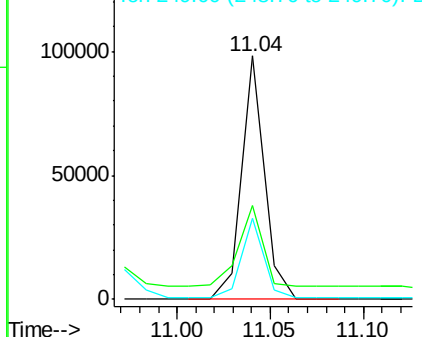
Tot Ion:	284	Resp:	83899
Ion Ratio		Lower	Upper
284	100		
142	38.4	29.5	44.3
249	33.5	19.5	29.3#

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.16 ng

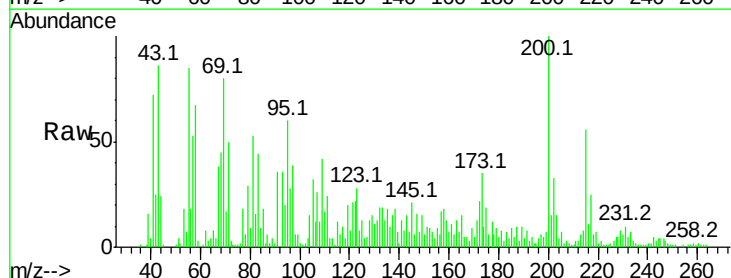
RT: 11.13 min Scan# 787

Delta R.T. 0.01 min

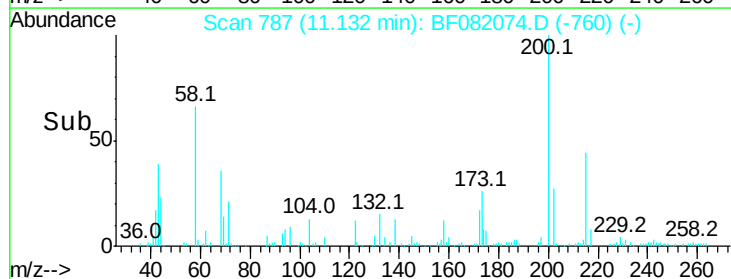
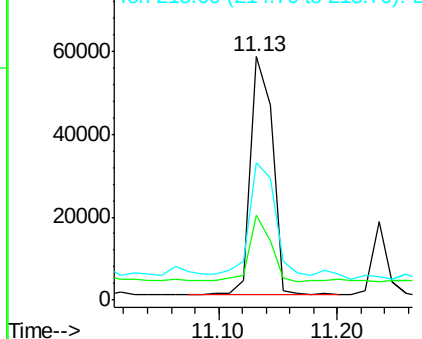
Lab File: BF082074.D

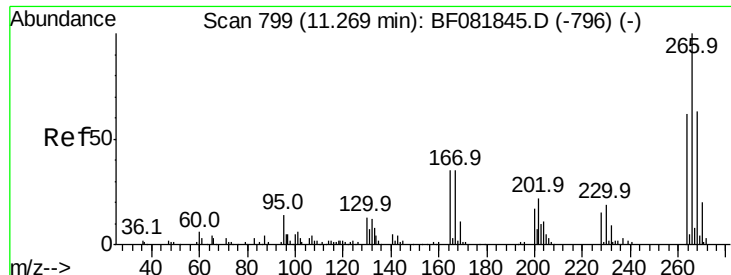
Acq: 6 Oct 2015 6:01

Tgt Ion:	200	Resp:	75101
Ion Ratio		Lower	Upper
200	100		
173	34.9	13.2	53.2
215	56.3	41.8	81.8



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





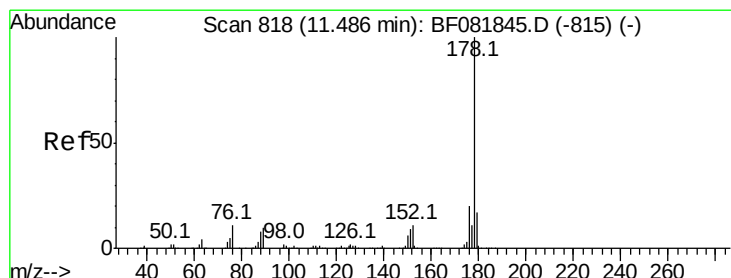
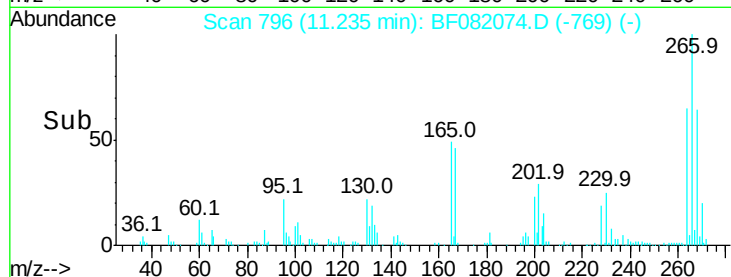
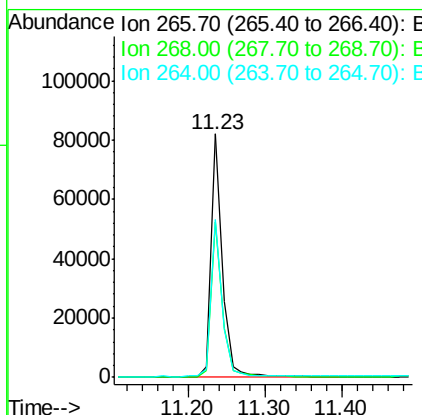
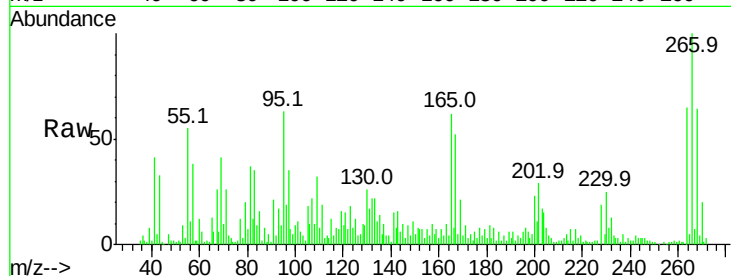
#69
 Pentachlorophenol
 Concen: 66.58 ng
 RT: 11.23 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.9	49.8	74.6	
264	64.7	50.2	75.2	

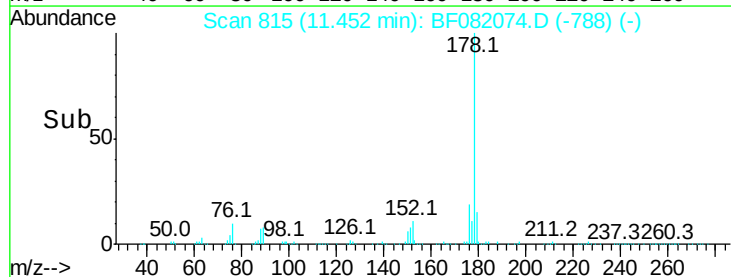
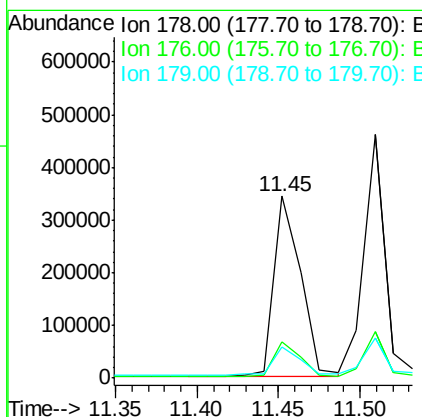
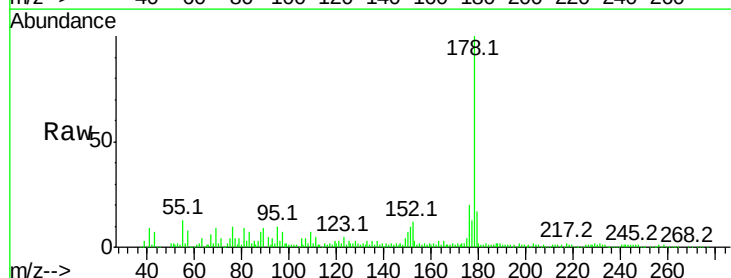
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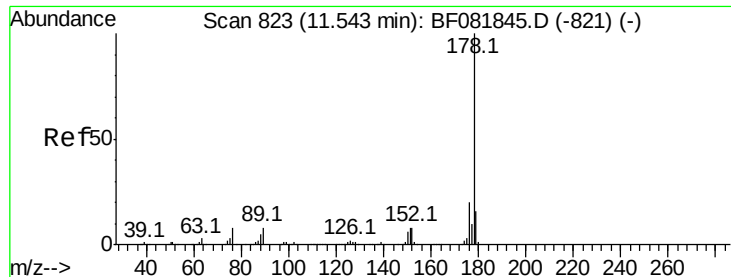
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#70
 Phenanthrene
 Concen: 41.73 ng
 RT: 11.45 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.9	13.8	20.8	
179	17.3	12.2	18.2	





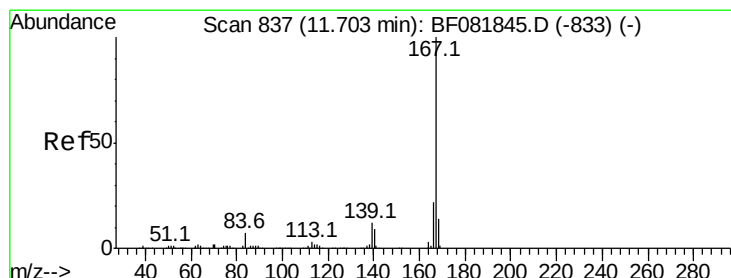
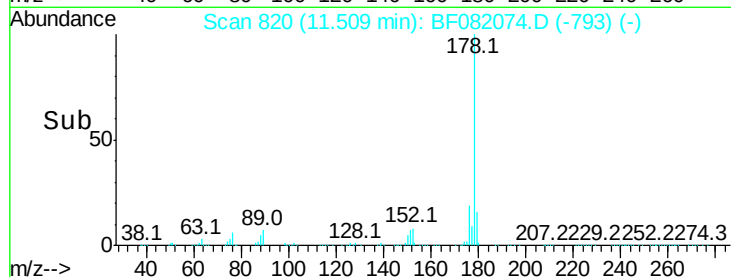
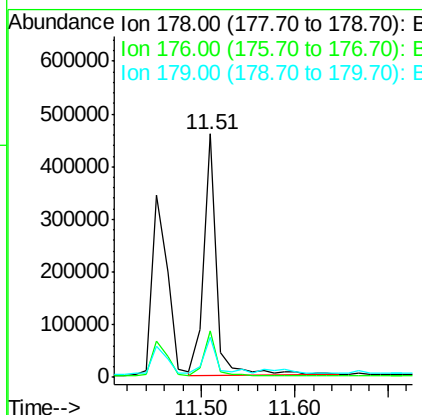
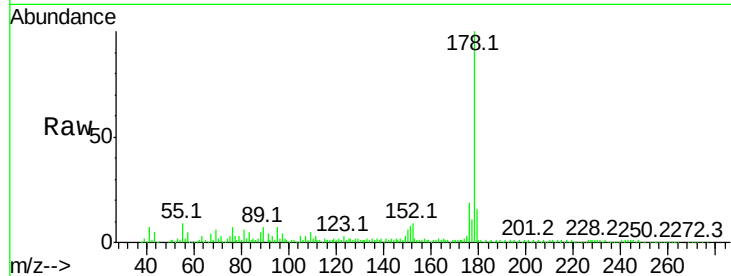
#71
 Anthracene
 Concen: 44.40 ng
 RT: 11.51 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	16.5	12.2	18.2

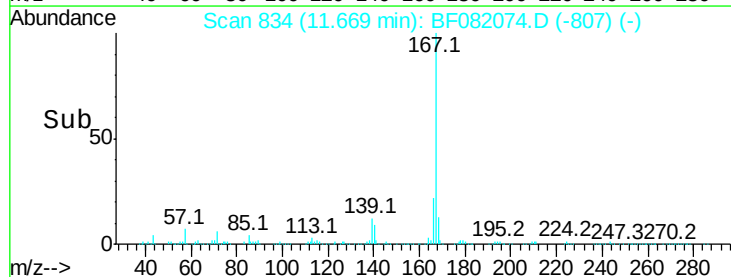
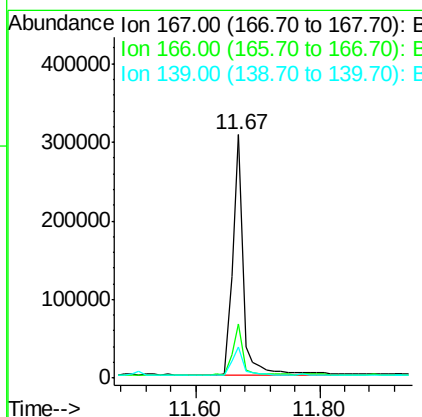
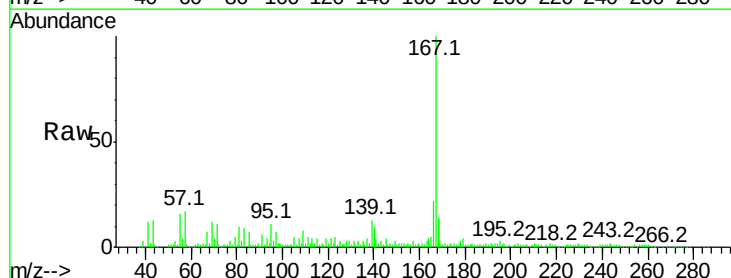
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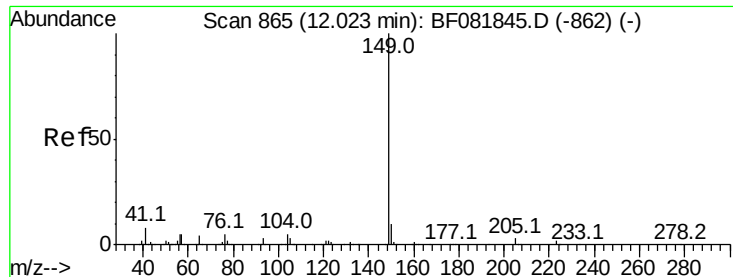
MMDadoda
 10/6/2015 2:53:32 PM



#72
 Carbazole
 Concen: 40.84 ng
 RT: 11.67 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	15.7	23.5
139	12.9	9.5	14.3





#73

Di-n-butylphthalate

Concen: 49.98 ng

RT: 11.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

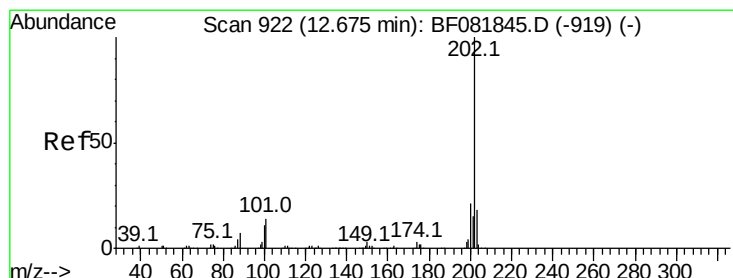
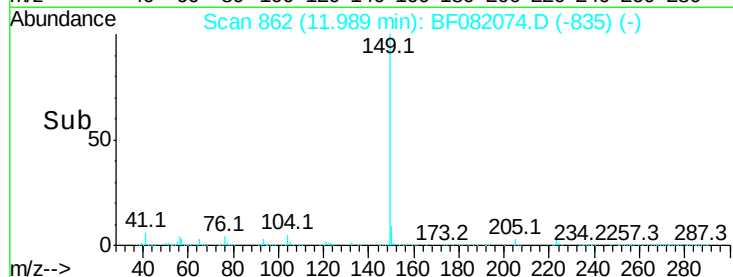
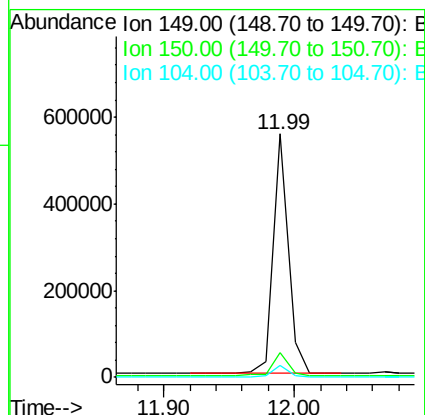
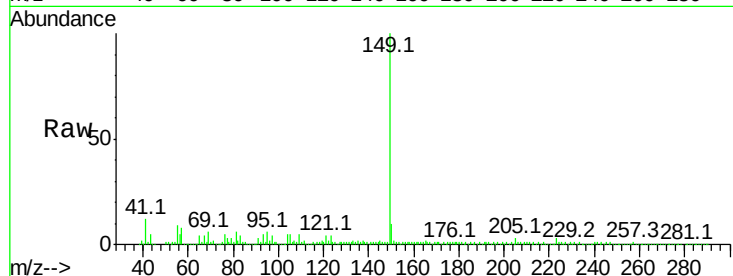
ClientSampleId :

SS-8(0-24)MSD

Tot Ion:	149	Resp:	453743
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.4	11.2
104	4.8	2.4	3.6#

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#74

Fluoranthene

Concen: 42.51 ng

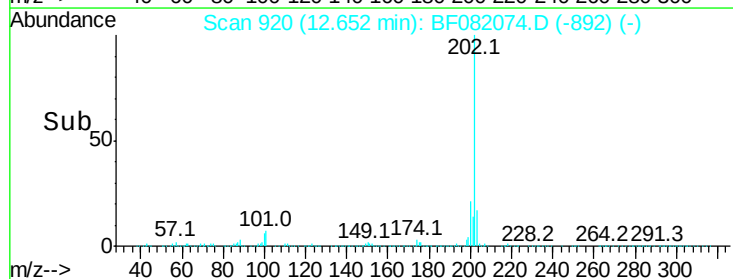
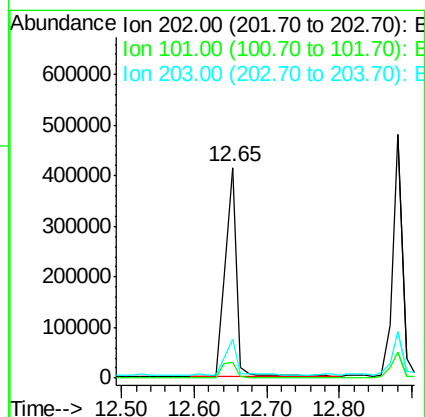
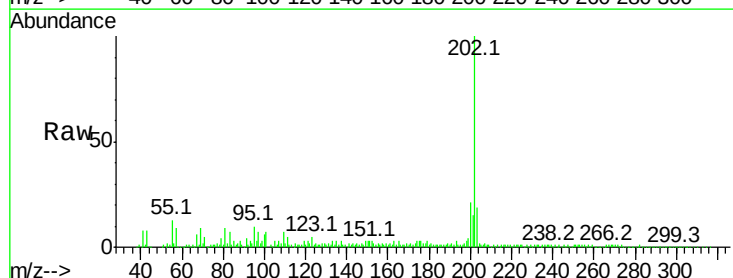
RT: 12.65 min Scan# 920

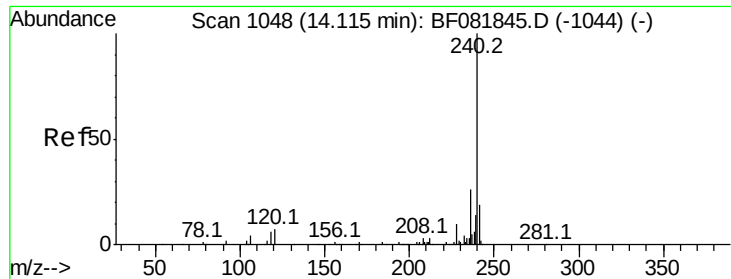
Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion:	202	Resp:	442562
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	38.3
203	18.5	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.02 min

Lab File: BF082074.D

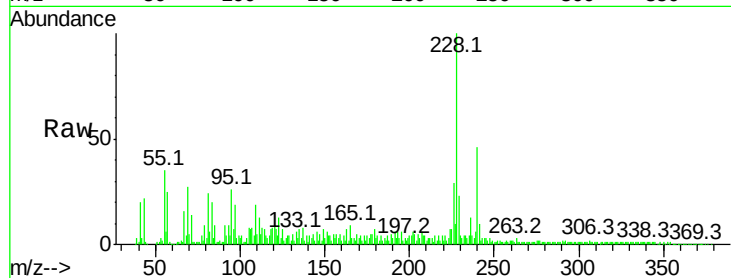
Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

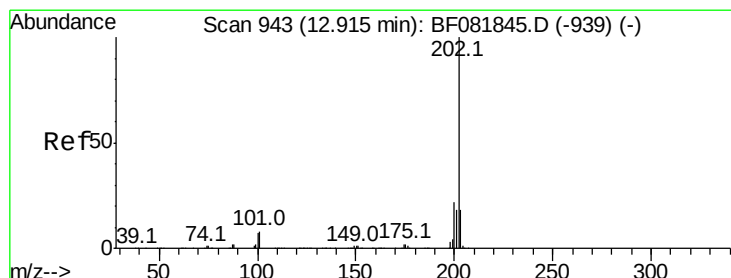
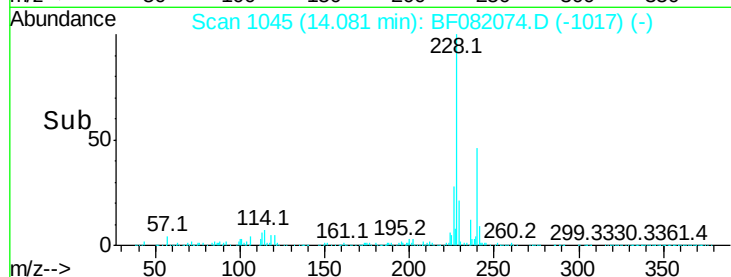
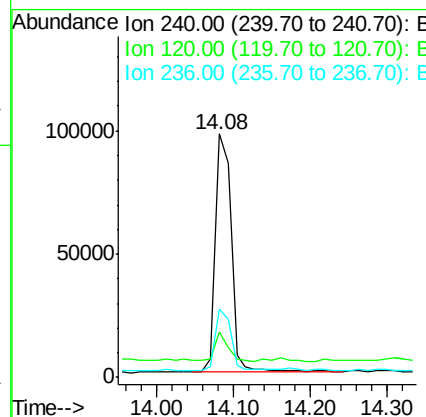
SS-8(0-24)MSD



Tot Ion	Ratio	Lower	Upper
240	100		
120	18.8	16.2	24.2
236	27.8	18.4	27.6

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#77

Pyrene

Concen: 53.33 ng

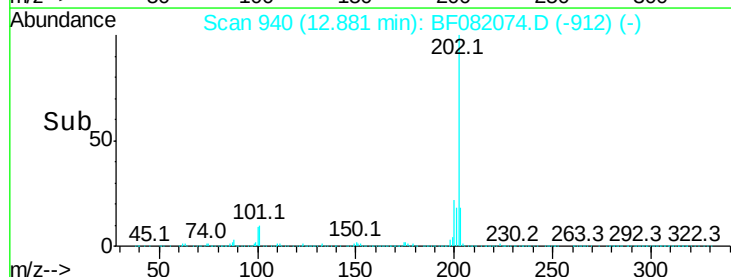
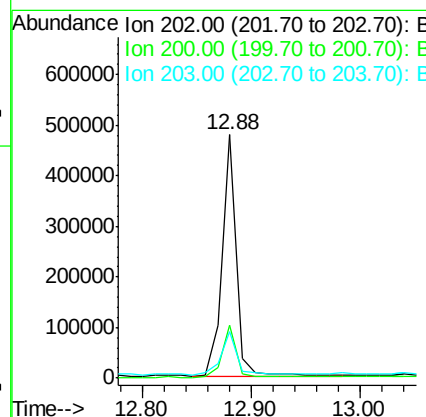
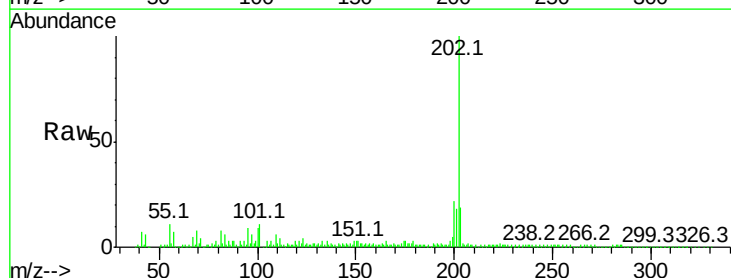
RT: 12.88 min Scan# 940

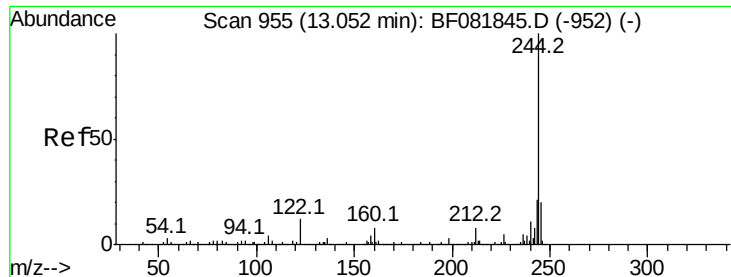
Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	18.8	14.1	21.1





#78

Terphenyl-d14

Concen: 135.22 ng

RT: 13.02 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

Tot Ion:244 Resp: 488416

Ion Ratio Lower Upper

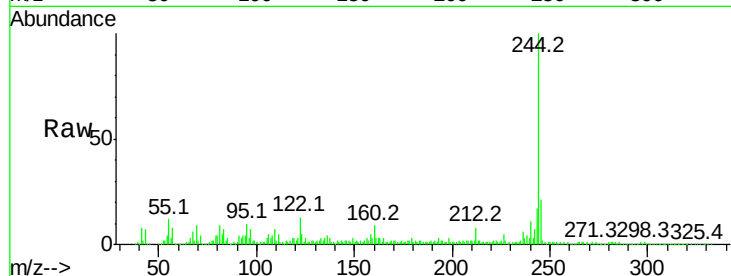
244 100

212 7.8 4.3 6.5#

122 13.4 17.4 26.2#

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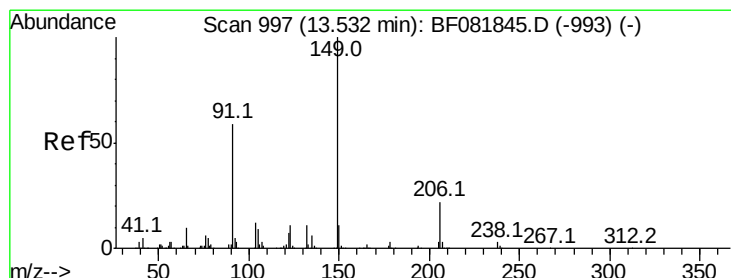
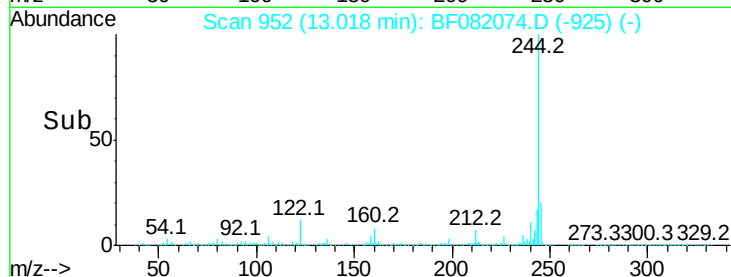
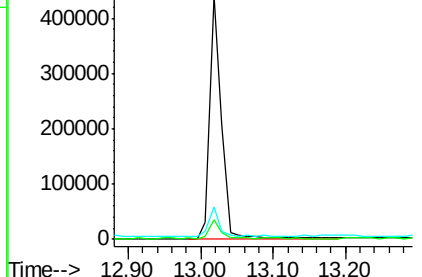
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 54.21 ng

RT: 13.50 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

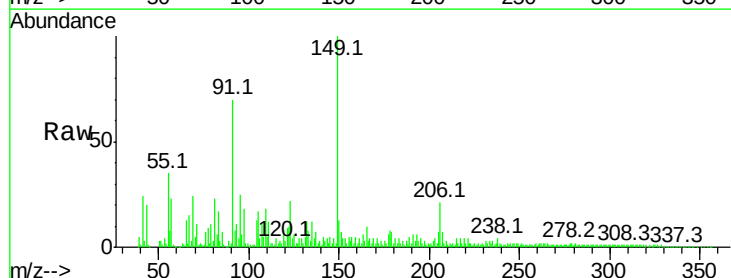
Tgt Ion:149 Resp: 168715

Ion Ratio Lower Upper

149 100

91 70.2 48.6 72.8

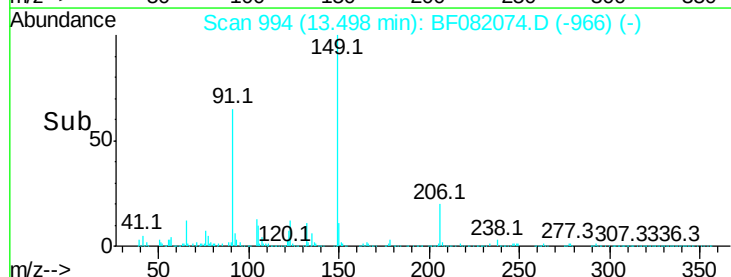
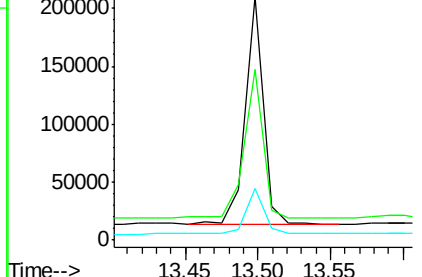
206 21.1 14.9 22.3

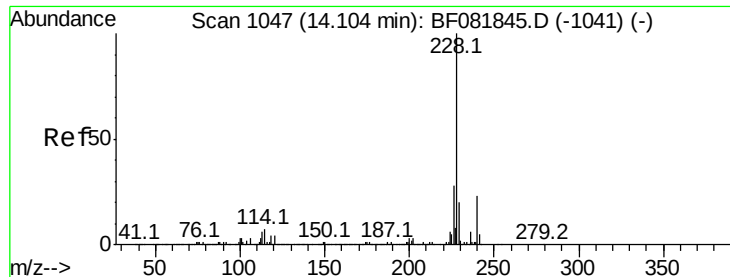


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





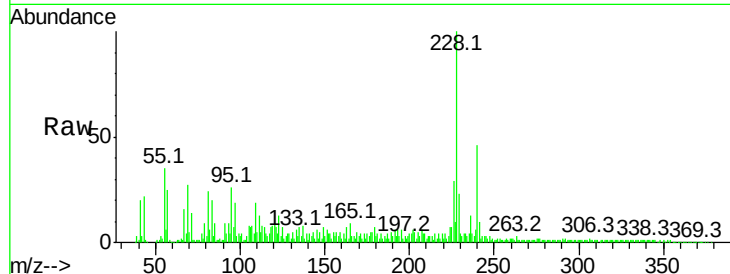
#80
Benzo(a)anthracene
Concen: 41.48 ng
RT: 14.08 min Scan# 1045
Delta R.T. 0.03 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

Tot Ion	Ratio	Resp	Lower	Upper
228	100	309284		
226	29.4	20.0	30.0	
229	23.3	15.4	23.2#	

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10/6/2015 2:53:32 PM

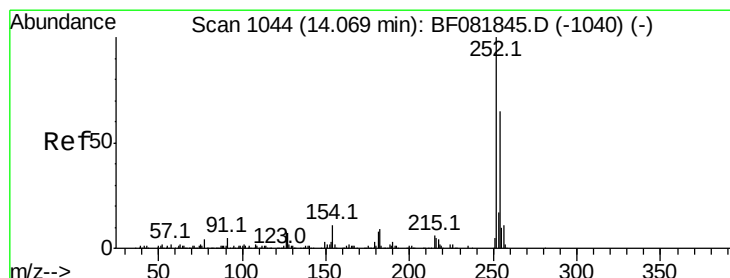
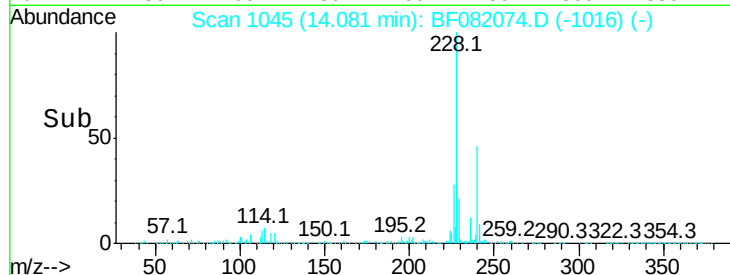
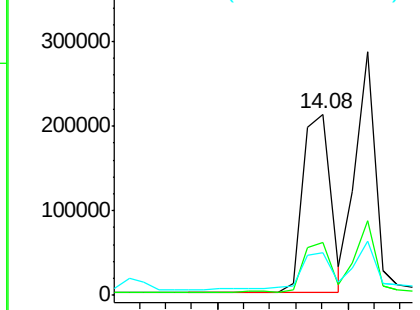


Abundance

Ion 228.00 (227.70 to 228.70): E

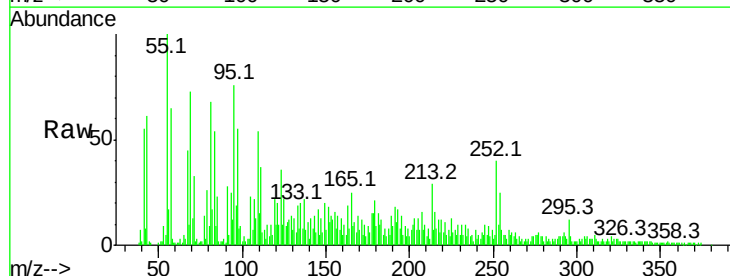
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81
3,3'-Dichlorobenzidine
Concen: 19.47 ng
RT: 14.04 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	49022		
254	62.0	51.4	77.2	
126	22.8	16.4	24.6	

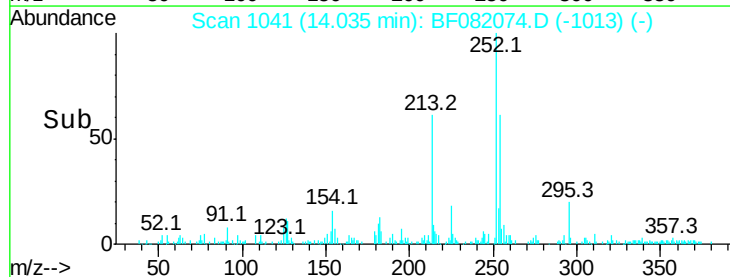
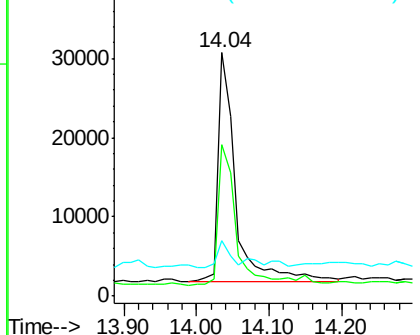


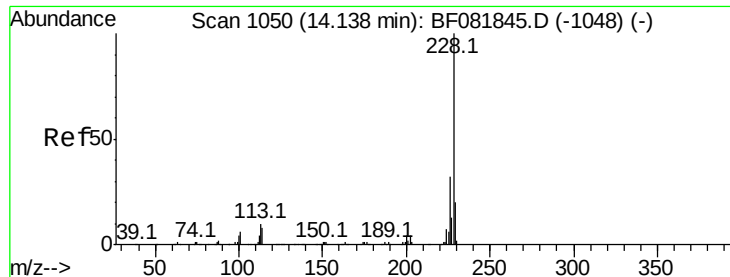
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 56.11 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

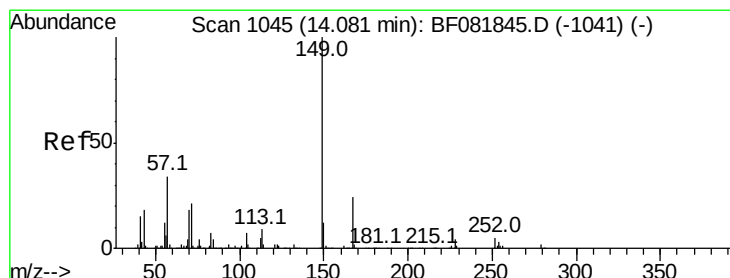
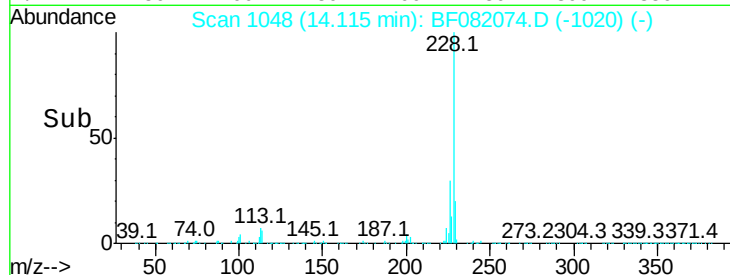
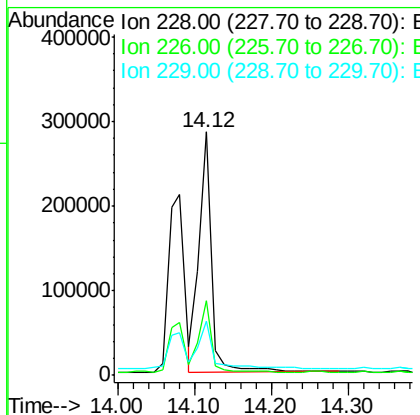
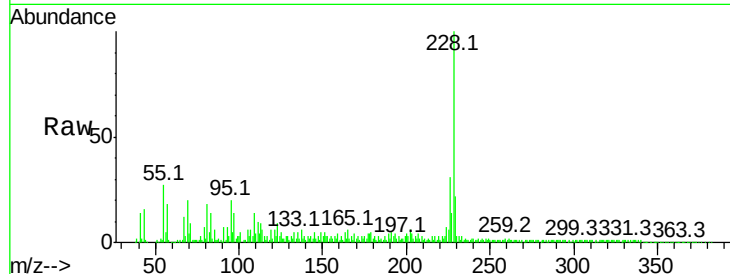
ClientSampleId :

SS-8(0-24)MSD

Tot Ion:	228	Resp:	318409
Ion Ratio	Lower	Upper	
228	100		
226	30.9	21.0	31.4
229	22.1	15.6	23.4

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10/6/2015 2:53:32 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 58.54 ng

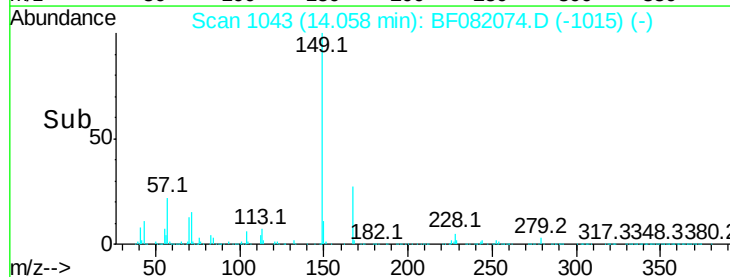
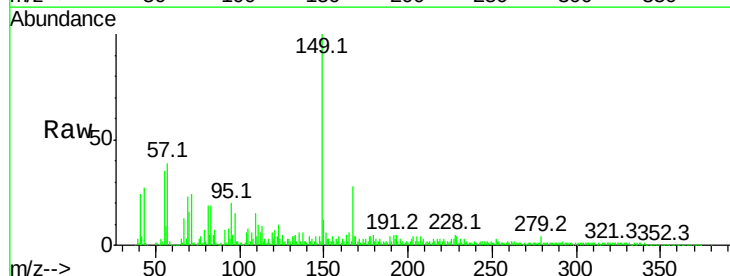
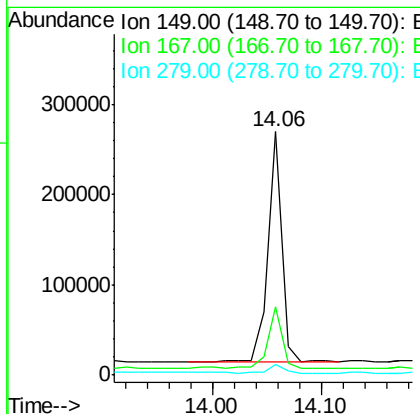
RT: 14.06 min Scan# 1043

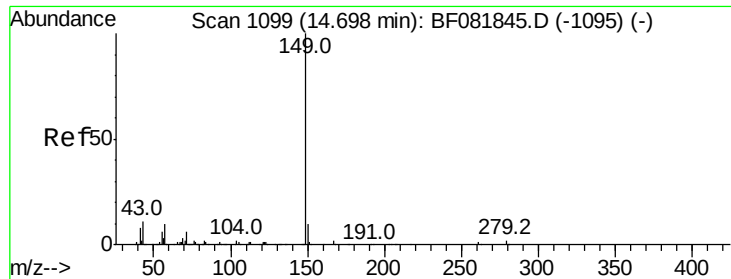
Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion:	149	Resp:	228547
Ion Ratio	Lower	Upper	
149	100		
167	28.3	24.2	36.2
279	4.4	3.8	5.6





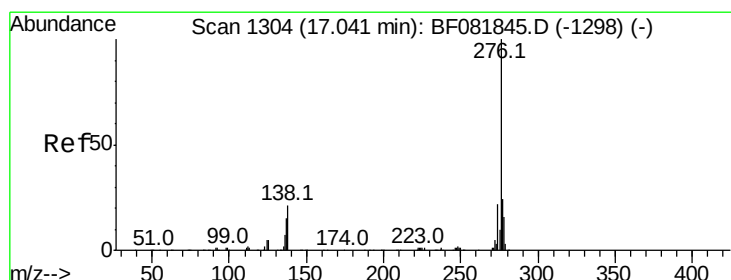
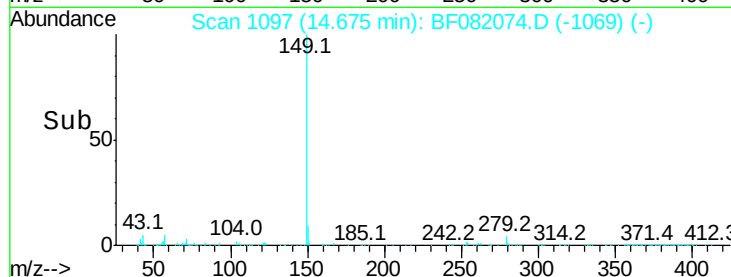
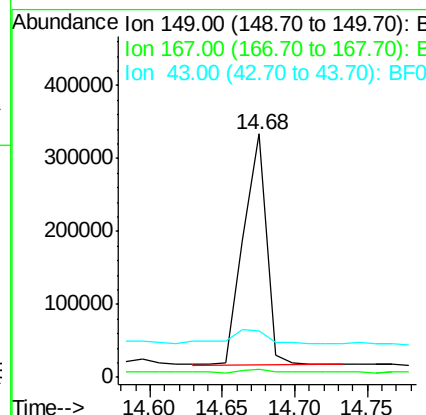
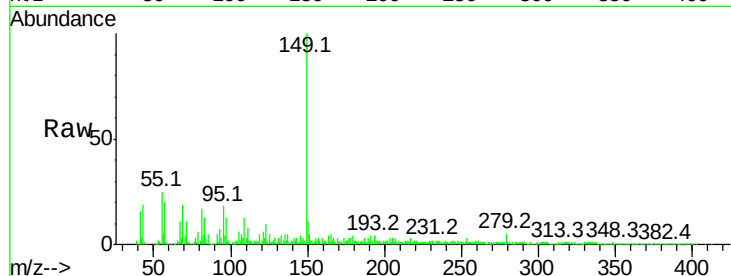
#84
Di-n-octyl phthalate
Concen: 54.81 ng
RT: 14.68 min Scan# 1097
Delta R.T. 0.02 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

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

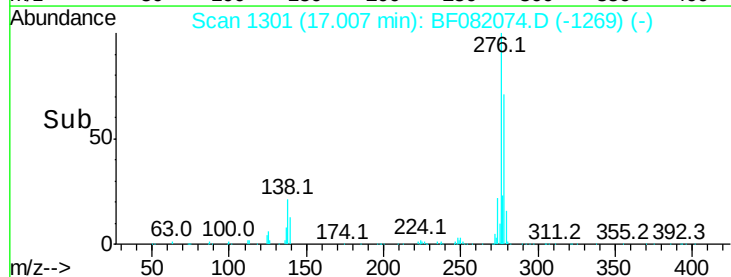
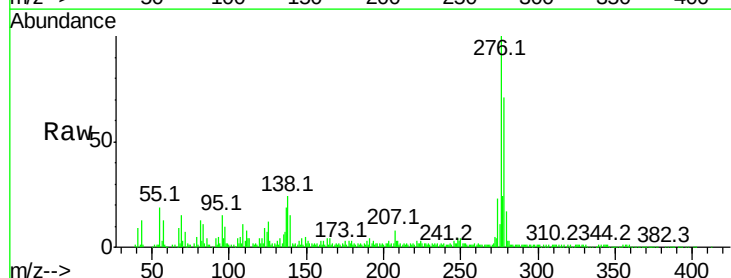
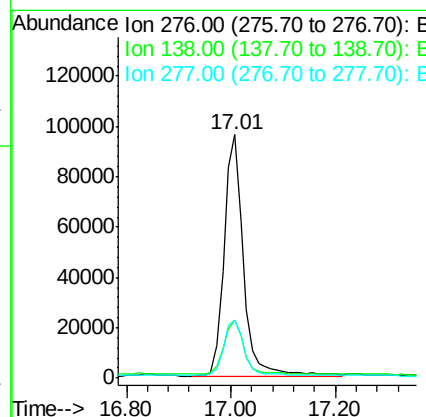
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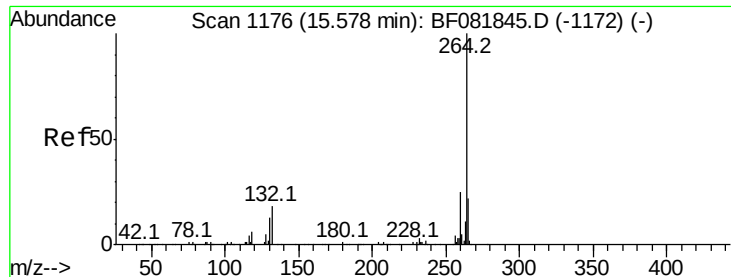
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10/6/2015 2:53:32 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.50 ng
RT: 17.01 min Scan# 1301
Delta R.T. 0.07 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	22.5	25.7	38.5#	
277	23.8	15.6	23.4#	





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1174

Delta R.T. 0.05 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

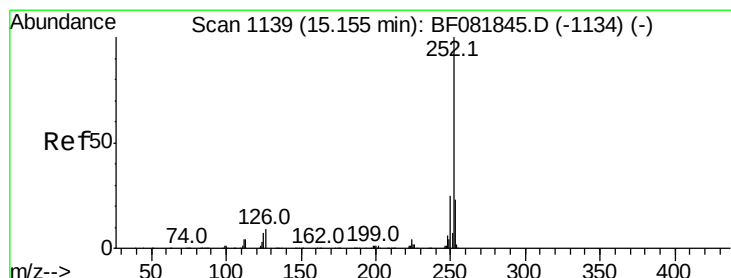
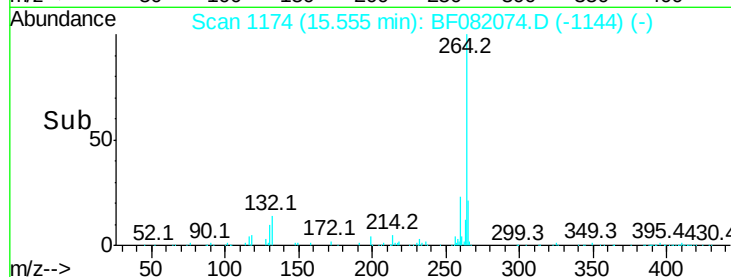
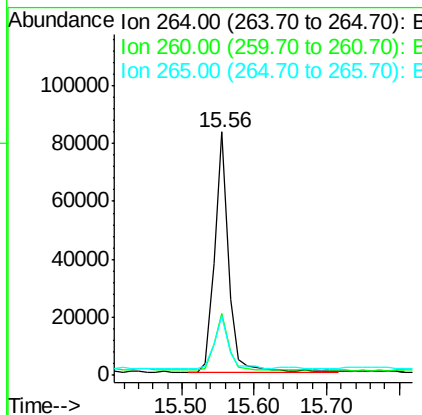
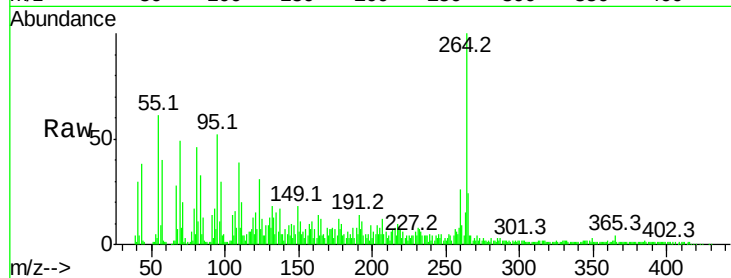
ClientSampleId :

SS-8(0-24)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	16.7	25.1#
265	24.4	17.2	25.8

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10/6/2015 2:53:32 PM



#87

Benzo(b)fluoranthene

Concen: 46.83 ng m

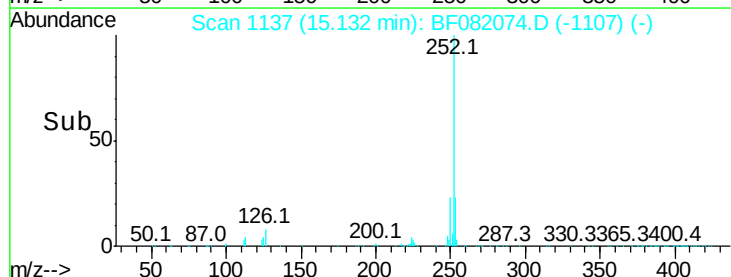
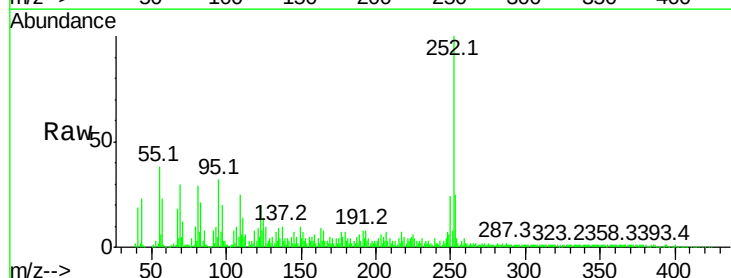
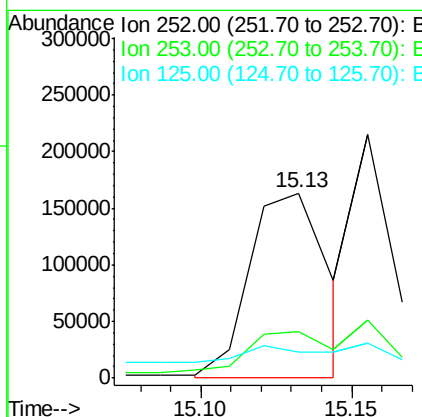
RT: 15.13 min Scan# 1137

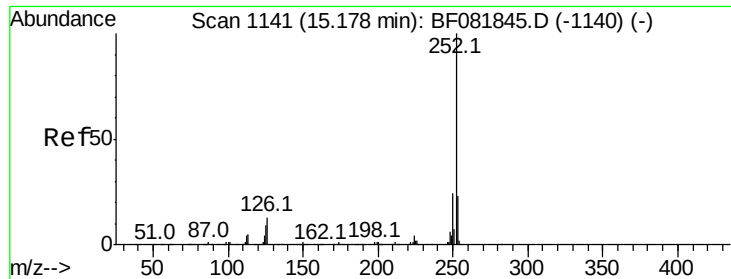
Delta R.T. 0.05 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.5	26.3
125	14.2	17.1	25.7#





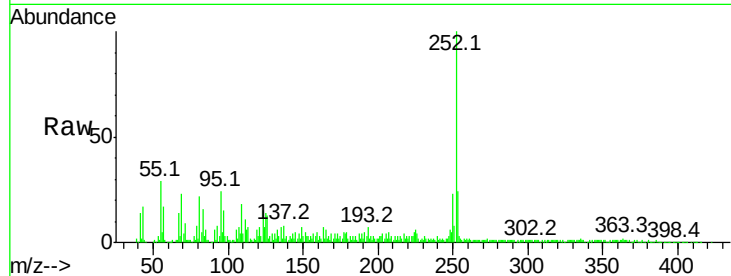
#88
Benzo(k)fluoranthene
Concen: 37.71 ng m
RT: 15.16 min Scan# 1139
Delta R.T. 0.03 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

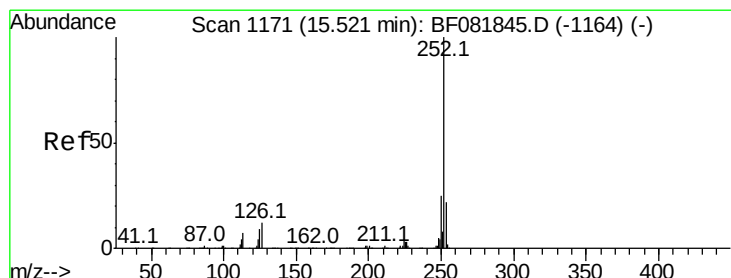
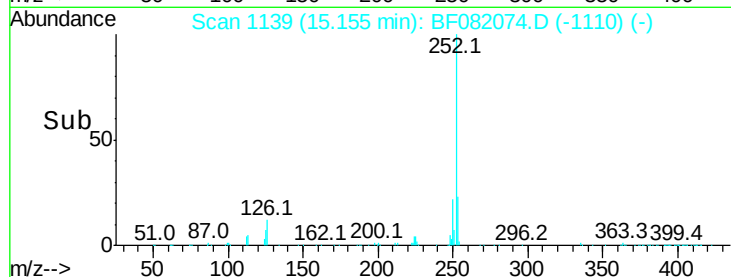
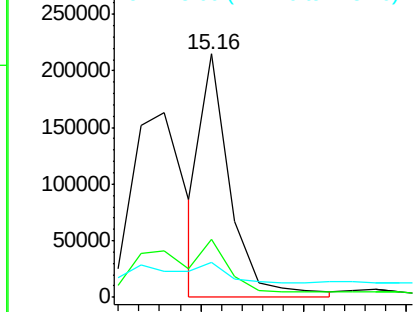
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	17.0	25.4
125	14.1	16.0	24.0

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10/6/2015 2:53:32 PM



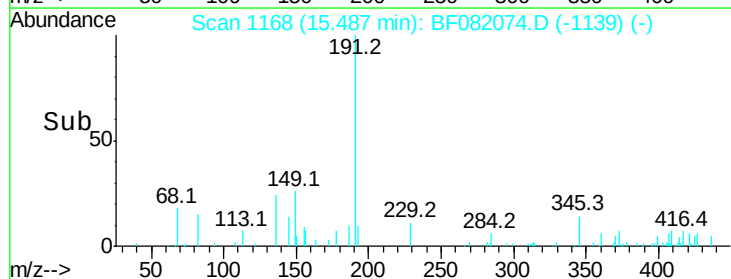
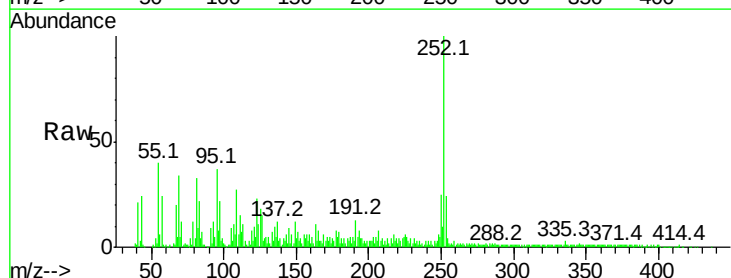
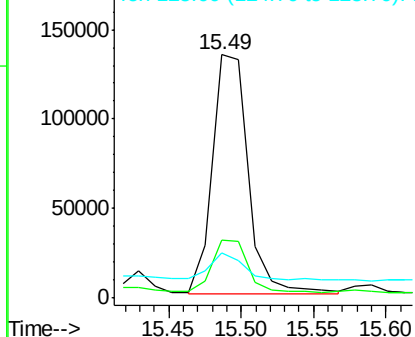
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

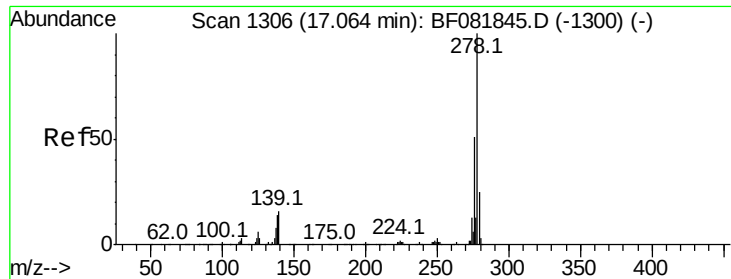


#89
Benzo(a)pyrene
Concen: 42.39 ng
RT: 15.49 min Scan# 1168
Delta R.T. 0.03 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	17.2	25.8
125	18.4	18.0	27.0

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





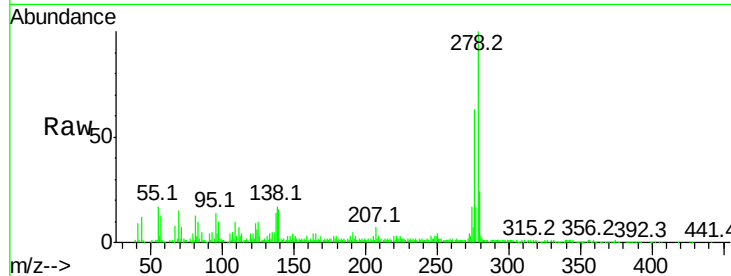
#90
Dibenzo(a,h)anthracene
Concen: 44.01 ng
RT: 17.02 min Scan# 1302
Delta R.T. 0.06 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

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

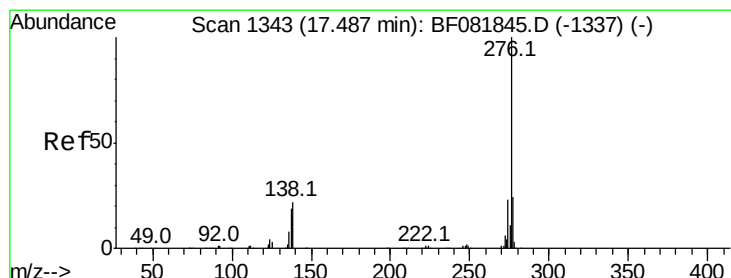
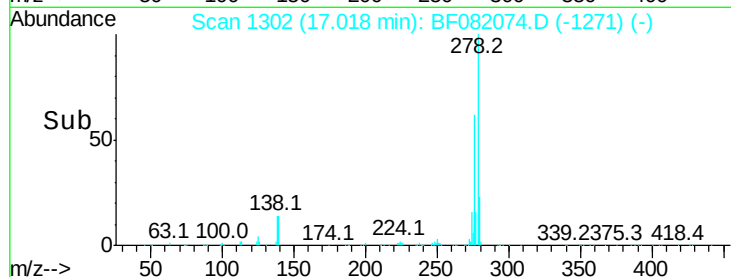
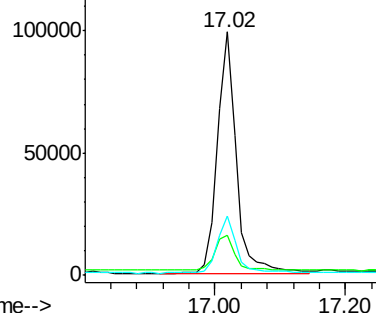
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	26.3	39.5#
279	24.2	18.2	27.4

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10/6/2015 2:53:32 PM

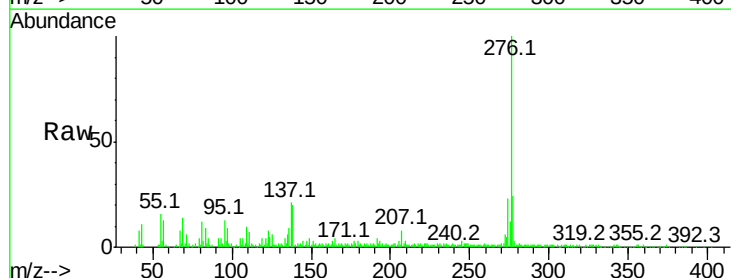


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 43.23 ng
RT: 17.44 min Scan# 1339
Delta R.T. 0.07 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	20.4	34.6	51.8#



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

