

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082050.D
 Acq On : 5 Oct 2015 17:25
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 10/6/2015 2:55:28 PM

Quant Time: Oct 05 18:18:56 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 15:47:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	118273	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	474529	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	235239	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	450782	20.00	ng	0.00
75) Chrysene-d12	14.06	240	406118	20.00	ng	0.00
86) Perylene-d12	15.51	264	352982	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	499635	76.69	ng	0.00
7) Phenol-d6	6.51	99	606683	74.00	ng	0.00
23) Nitrobenzene-d5	7.45	82	560339	78.71	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	172436	72.38	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1068187	74.12	ng	0.00
78) Terphenyl-d14	13.01	244	1148094	94.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	112807	39.81	ng	85
3) Pyridine	3.23	79	304476	41.28	ng	88
4) n-Nitrosodimethylamine	3.21	42	118355	35.32	ng	90
6) Aniline	6.55	93	405616	36.83	ng	# 90
8) 2-Chlorophenol	6.66	128	271604	37.75	ng	86
9) Benzaldehyde	6.43	77	168204	31.33	ng	# 82
10) Phenol	6.53	94	350361	38.10	ng	# 68
11) bis(2-Chloroethyl)ether	6.63	93	288205	40.41	ng	88
12) 1,3-Dichlorobenzene	6.82	146	324589	38.19	ng	# 95
13) 1,4-Dichlorobenzene	6.90	146	345422	38.92	ng	# 95
14) 1,2-Dichlorobenzene	7.05	146	292970m	37.05	ng	
15) Benzyl Alcohol	7.03	79	207514	35.06	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	363798	36.08	ng	80
17) 2-Methylphenol	7.14	107	231806	39.74	ng	# 87
18) Hexachloroethane	7.39	117	107943	38.85	ng	# 85
19) n-Nitroso-di-n-propylamine	7.30	70	179785	36.08	ng	# 77
20) 3+4-Methylphenols	7.29	107	259609	35.24	ng	# 72
22) Acetophenone	7.30	105	373777	38.52	ng	# 82
24) Nitrobenzene	7.47	77	300615	38.89	ng	# 69
25) Isophorone	7.71	82	532406	37.73	ng	# 91
26) 2-Nitrophenol	7.79	139	156044	42.06	ng	# 87
27) 2,4-Dimethylphenol	7.83	122	253129	38.78	ng	# 83
28) bis(2-Chloroethoxy)methane	7.92	93	295253	35.24	ng	# 93
29) 2,4-Dichlorophenol	8.03	162	242619	38.33	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	275904	39.05	ng	97
31) Naphthalene	8.19	128	774749	36.85	ng	97
32) Benzoic acid	7.95	122	157451	41.50	ng	# 68
33) 4-Chloroaniline	8.25	127	345587	38.01	ng	# 96
34) Hexachlorobutadiene	8.31	225	165965	39.71	ng	98
35) Caprolactam	8.63	113	72674	41.48	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	247323	39.96	ng	94
37) 2-Methylnaphthalene	8.88	142	520459	36.26	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	278799	38.60	ng	98
40) Hexachlorocyclopentadiene	9.04	237	133930	36.01	ng	99

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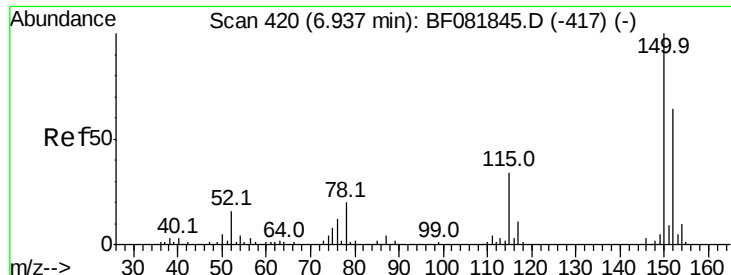
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	193779	39.14	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	188202	36.96	nq	# 95
45) 1,1'-Biphenyl	9.35	154	644057	35.49	nq	94
46) 2-Chloronaphthalene	9.37	162	513930	36.07	nq	# 92
47) 2-Nitroaniline	9.47	65	156761	37.47	nq	# 77
48) Acenaphthylene	9.79	152	883188	38.72	nq	96
49) Dimethylphthalate	9.66	163	630850	38.85	nq	# 98
50) 2,6-Dinitrotoluene	9.73	165	135974	38.57	nq	# 87
51) Acenaphthene	9.97	154	541464	39.98	nq	89
52) 3-Nitroaniline	9.90	138	161546	39.61	nq	# 92
53) 2,4-Dinitrophenol	10.00	184	67219	51.80	nq	# 82
54) Dibenzofuran	10.14	168	716504	37.43	nq	# 90
55) 4-Nitrophenol	10.05	139	107304	36.41	nq	# 56
56) 2,4-Dinitrotoluene	10.13	165	189065	42.07	nq	# 99
57) Fluorene	10.48	166	592291	43.18	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	170312	42.17	nq	94
59) Diethylphthalate	10.35	149	605707	39.94	nq	98
60) 4-Chlorophenyl-phenylether	10.47	204	254810	36.36	nq	# 83
61) 4-Nitroaniline	10.51	138	167337	40.92	nq	# 62
62) Azobenzene	10.63	77	541652	36.59	nq	91
64) 4,6-Dinitro-2-methylphenol	10.53	198	94881	46.69	nq	95
65) n-Nitrosodiphenylamine	10.59	169	537793	39.43	nq	92
66) 4-Bromophenyl-phenylether	10.96	248	174335	38.36	nq	97
67) Hexachlorobenzene	11.02	284	179879	35.07	nq	# 80
68) Atrazine	11.12	200	161050	38.06	nq	83
69) Pentachlorophenol	11.22	266	109511	37.47	nq	98
70) Phenanthrene	11.44	178	824390	37.73	nq	95
71) Anthracene	11.50	178	932340	40.69	nq	98
72) Carbazole	11.65	167	796310	38.40	nq	95
73) Di-n-butylphthalate	11.98	149	882880	41.70	nq	# 98
74) Fluoranthene	12.63	202	896648	37.13	nq	90
76) Benzidine	12.75	184	479918	39.22	nq	# 96
77) Pyrene	12.86	202	874043	36.03	nq	96
79) Butylbenzylphthalate	13.48	149	366104	40.10	nq	# 88
80) Benzo(a)anthracene	14.05	228	827512	37.84	nq	95
81) 3,3'-Dichlorobenzidine	14.01	252	298640	40.43	nq	# 96
82) Chrysene	14.09	228	884675	47.99	nq	94
83) Bis(2-ethylhexyl)phthalate	14.04	149	517864	45.22	nq	# 93
84) Di-n-octyl phthalate	14.65	149	878920	47.16	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.94	276	674646	39.44	nq	# 87
87) Benzo(b)fluoranthene	15.09	252	895150	44.42	nq	# 87
88) Benzo(k)fluoranthene	15.09	252	895150	48.46	nq	# 88
89) Benzo(a)pyrene	15.45	252	697429	39.90	nq	# 84
90) Dibenzo(a,h)anthracene	16.96	278	552726	37.68	nq	# 80
91) Benzo(g,h,i)perylene	17.37	276	527914	35.12	nq	# 77

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



#1

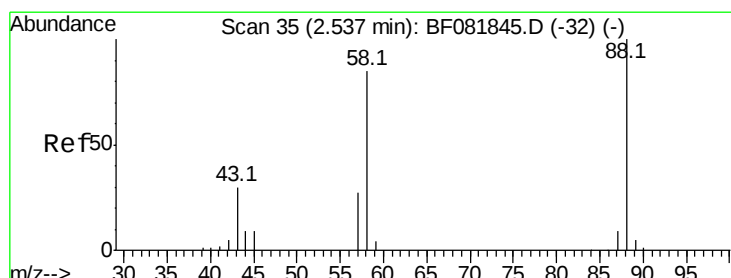
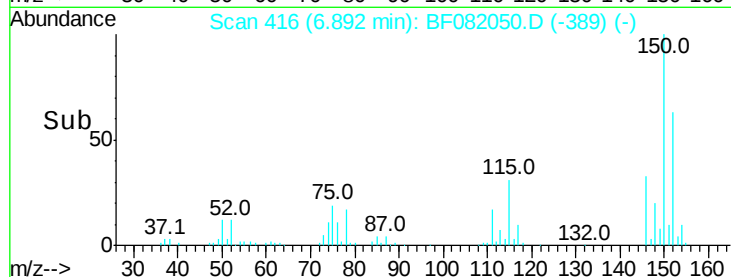
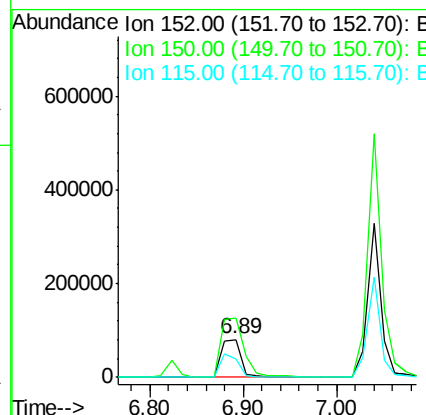
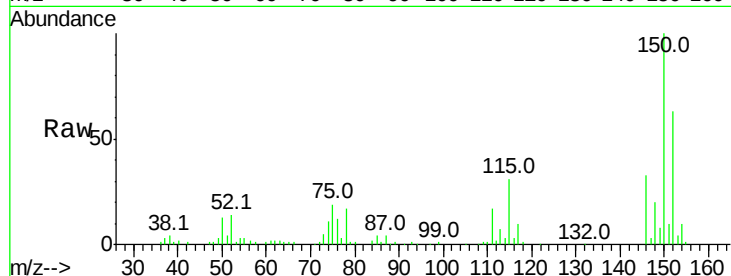
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.7	187.1
115	48.9	39.0	58.4

Manual Integrations
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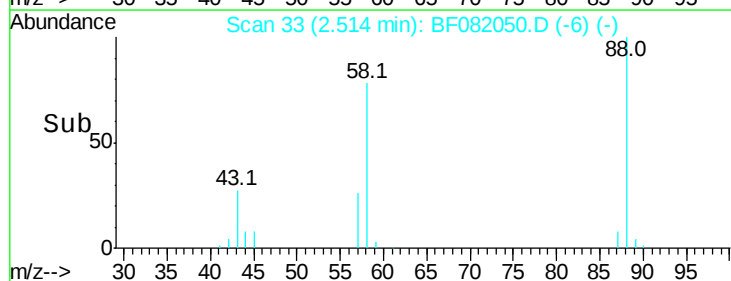
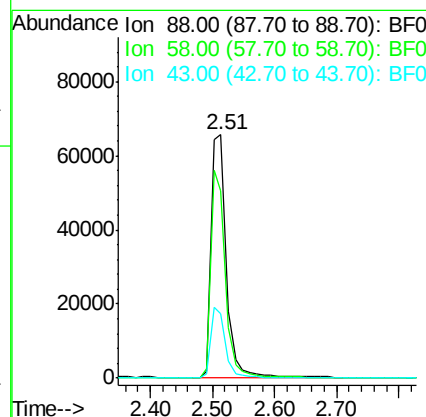
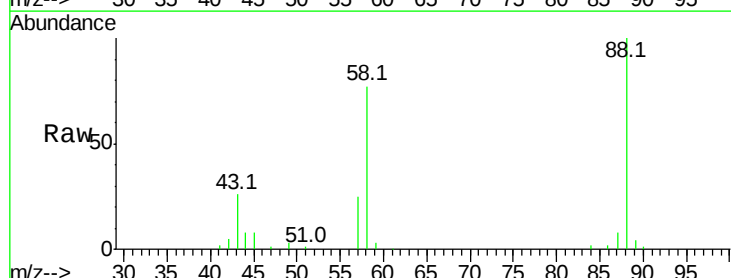
MMDadoda
10/6/2015 2:55:28 PM

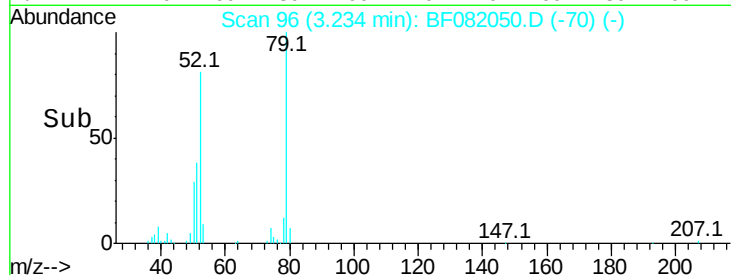
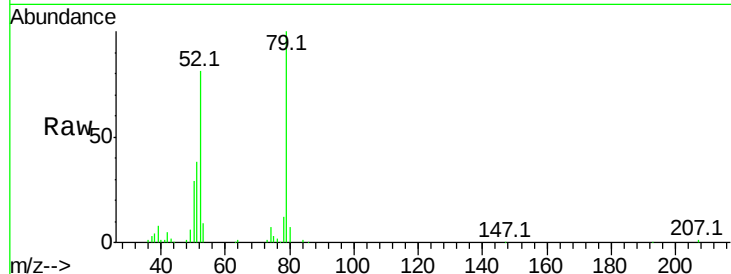
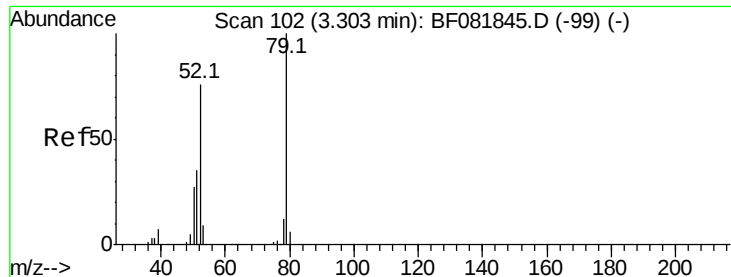


#2

1,4-Dioxane
Concen: 39.81 ng
RT: 2.51 min Scan# 33
Delta R.T. 0.01 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	77.7	116.5
43	27.4	26.6	40.0





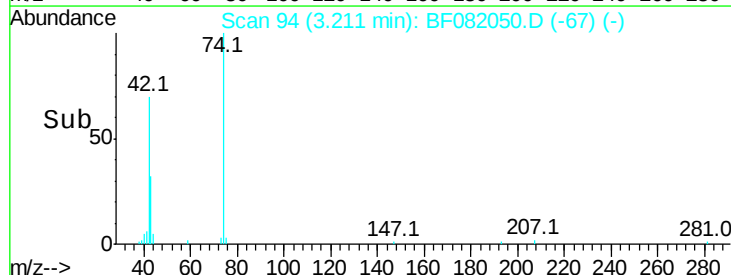
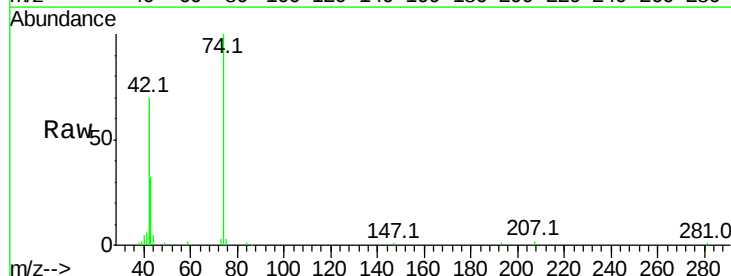
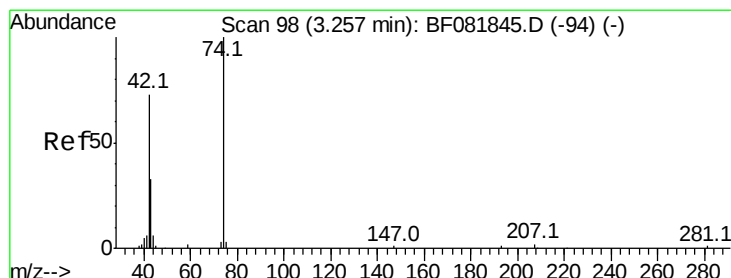
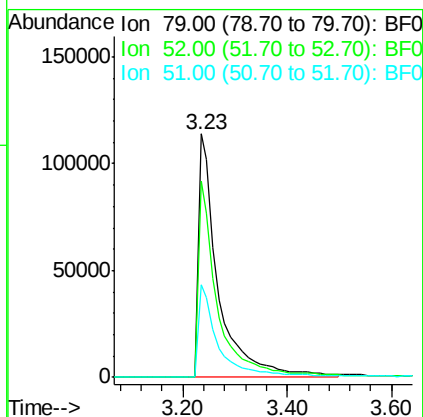
#3
Pvridine
Concen: 41.28 ng
RT: 3.23 min Scan# 96
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.8	76.8	115.2
51	38.1	32.2	48.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

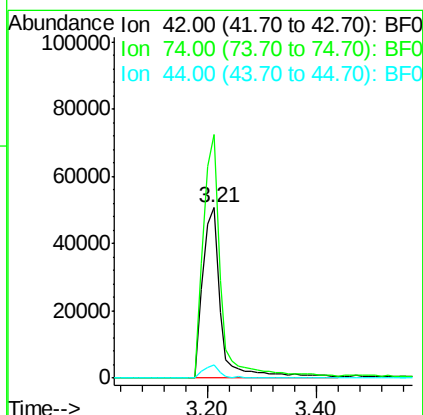
Manual Integrations
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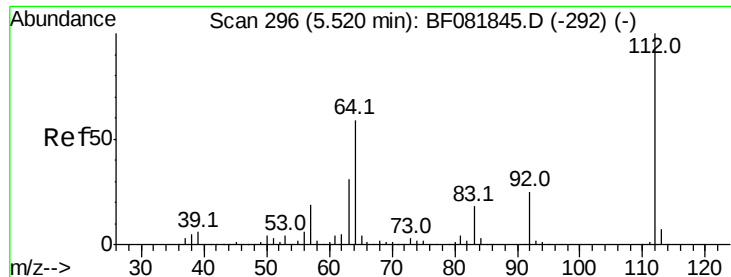
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#4
n-Nitrosodimethylamine
Concen: 35.32 ng
RT: 3.21 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.2	105.0	157.6
44	7.6	6.6	10.0





#5

2-Fluorophenol

Concen: 76.69 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

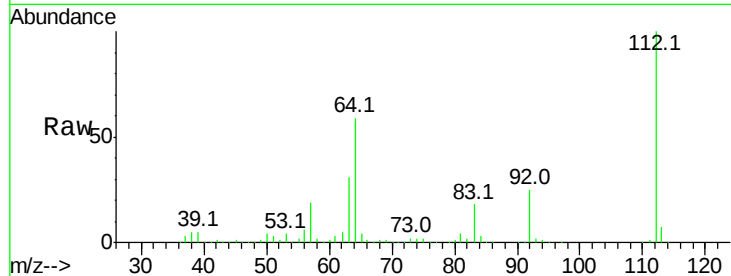
ClientSampleId :

SSTDCCC040EC

Manual Integrations
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	499635		
64	58.9	39.7	59.5	
63	30.8	17.4	26.0	



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

5.47

400000

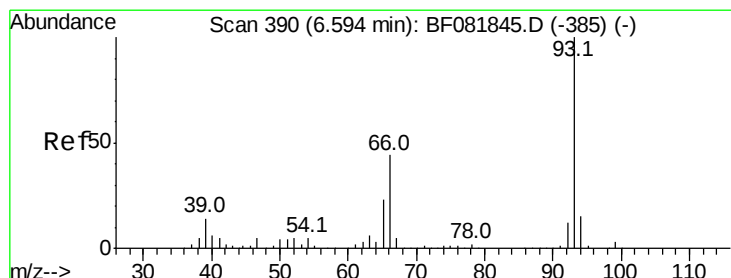
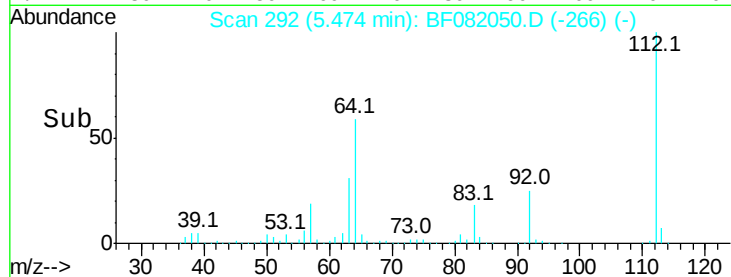
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 36.83 ng

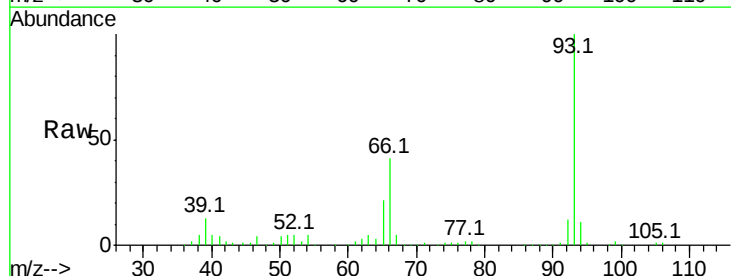
RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	405616		
66	41.0	27.2	40.8	
65	21.0	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

6.55

400000

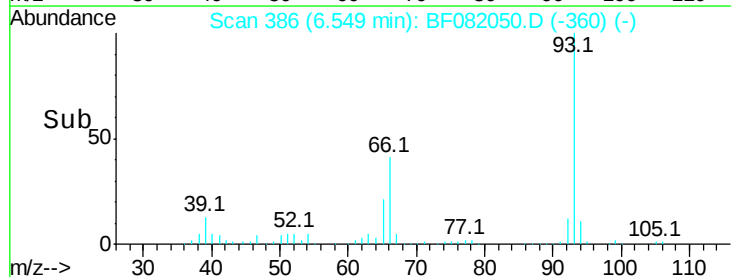
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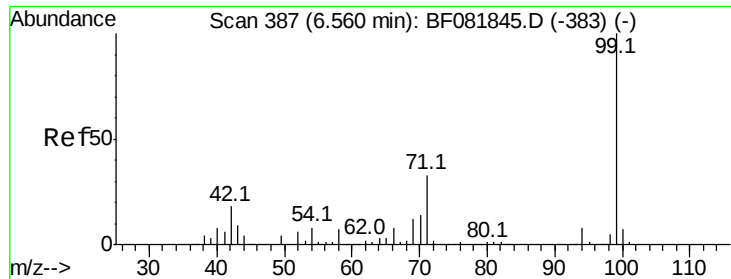
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 74.00 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

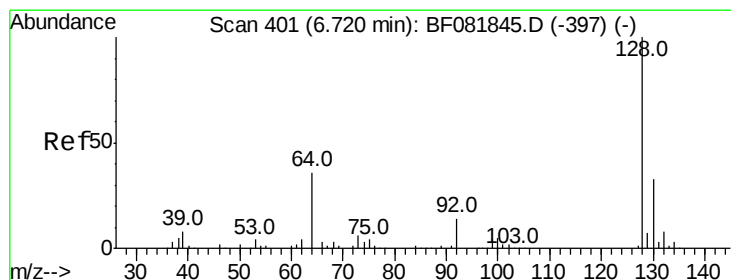
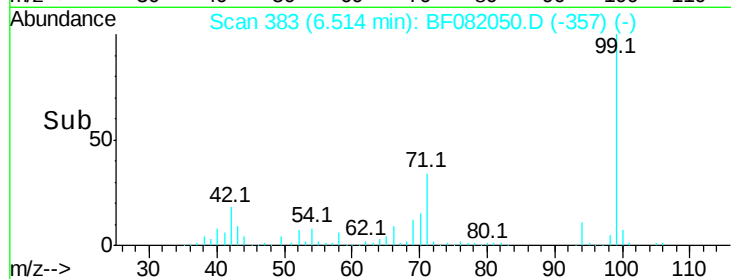
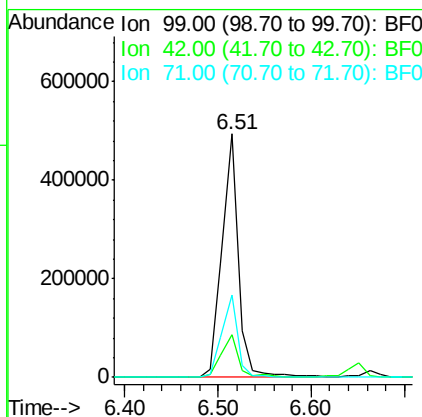
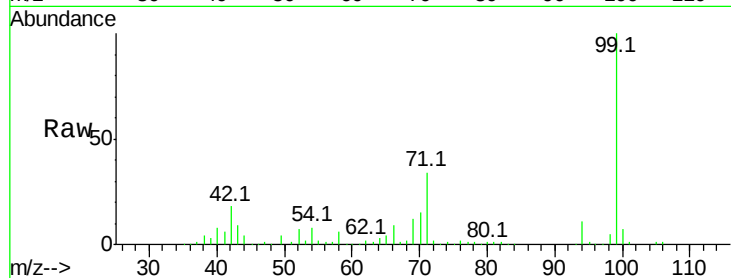
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	606683
Ion Ratio	Lower	Upper	
99	100		
42	17.7	13.7	20.5
71	33.6	14.2	21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.75 ng

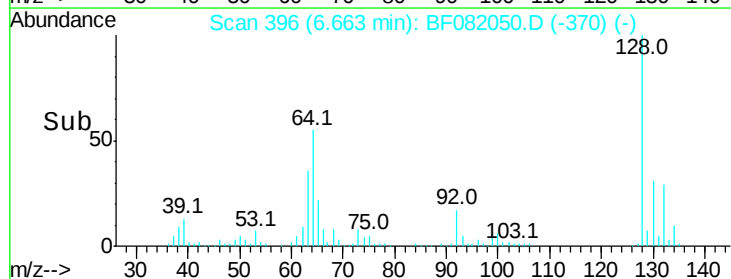
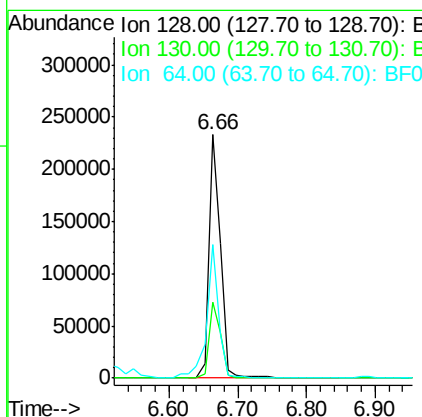
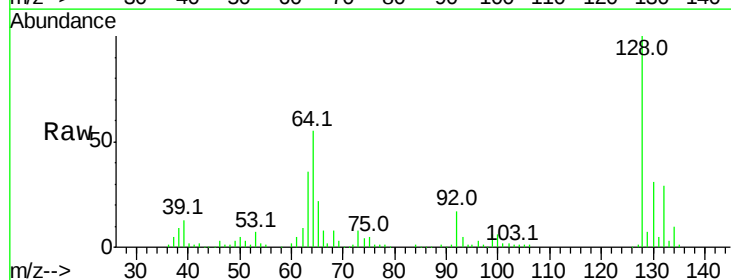
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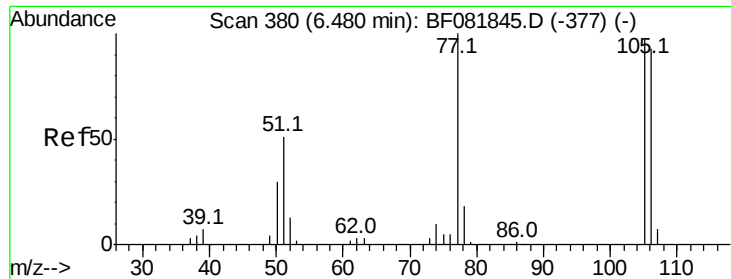
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	128	Resp:	271604
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.2	52.2
64	55.0	20.5	60.5





#9

Benzaldehyde

Concen: 31.33 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

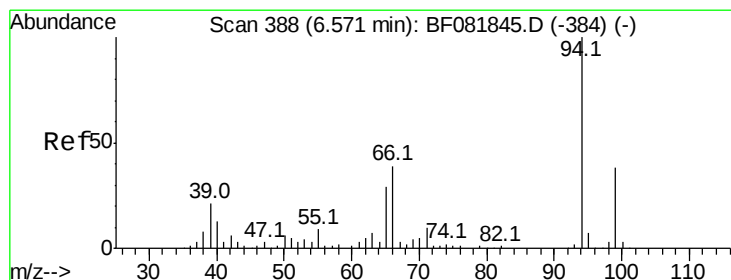
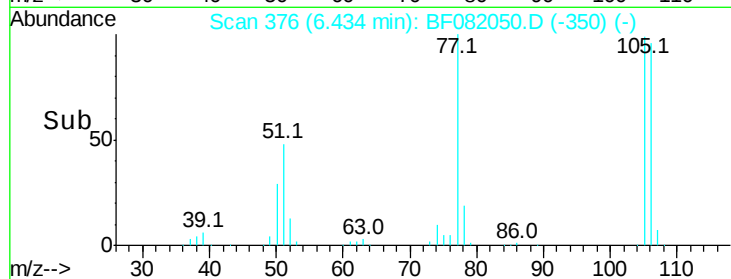
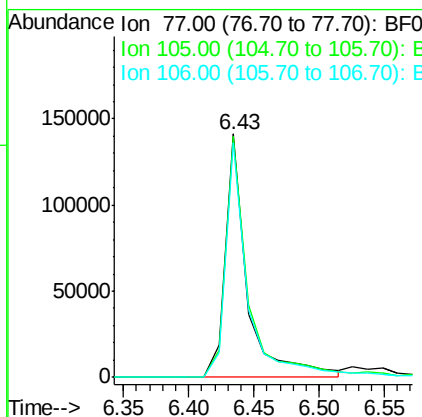
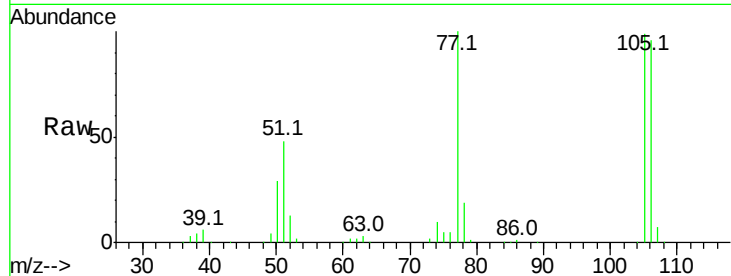
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.1	91.6	131.6
106	96.2	102.6	142.6#

Manual Integrations
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#10

Phenol

Concen: 38.10 ng

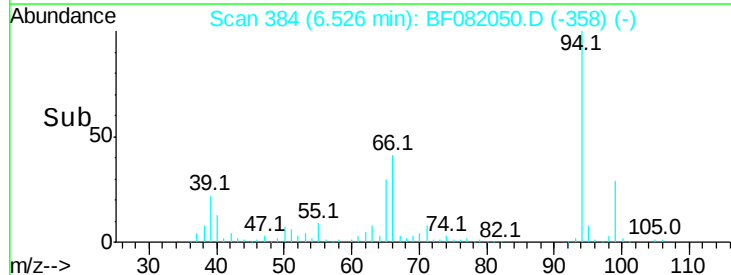
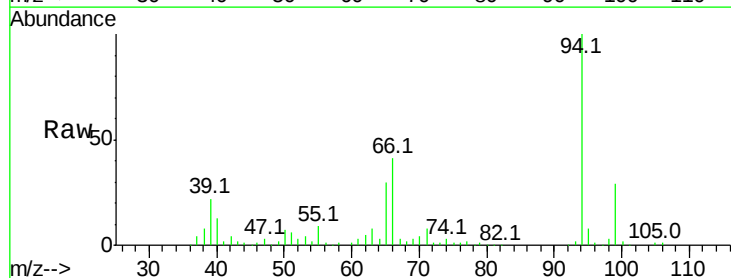
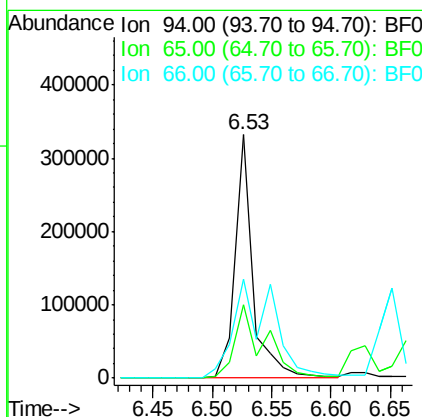
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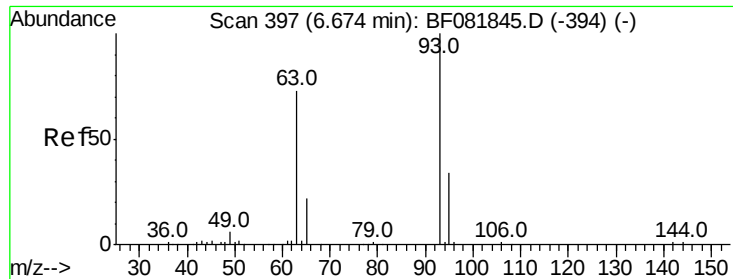
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	0.7	40.7
66	40.8	0.8	40.8#





#11

bis(2-Chloroethyl)ether

Concen: 40.41 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

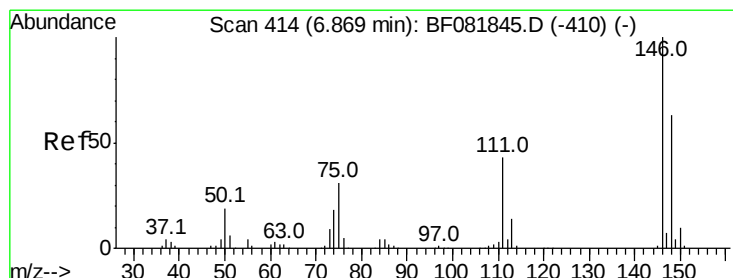
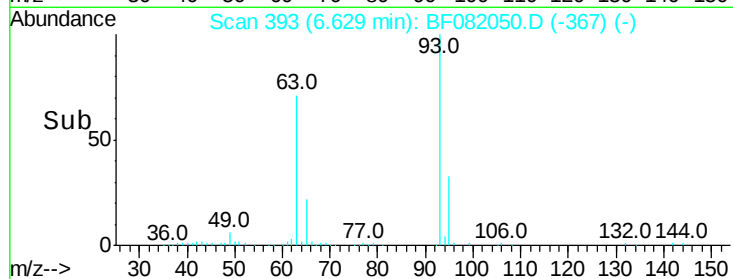
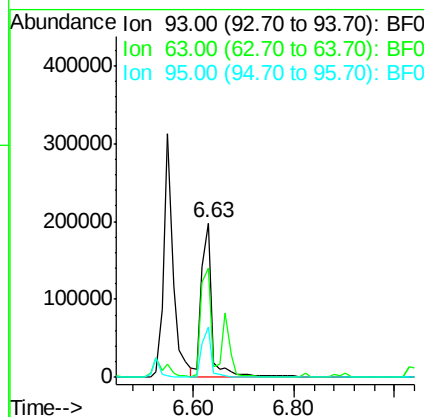
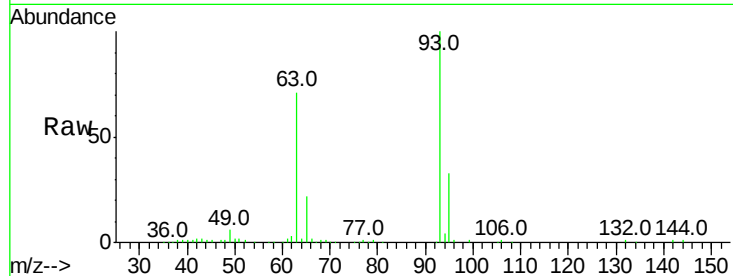
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	288205
Ion Ratio	Lower	Upper	
93	100		
63	71.0	65.6	105.6
95	32.8	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 38.19 ng

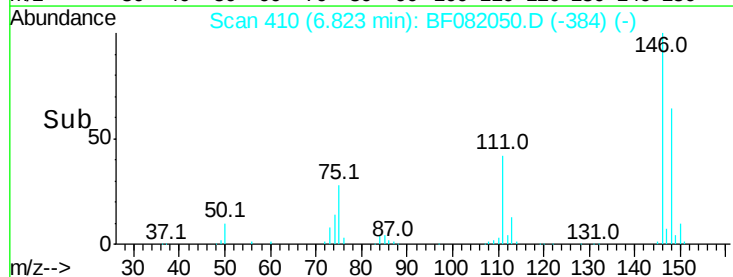
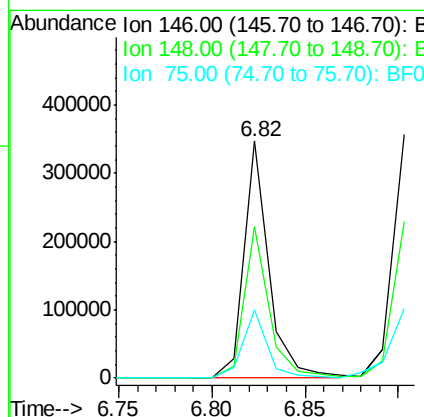
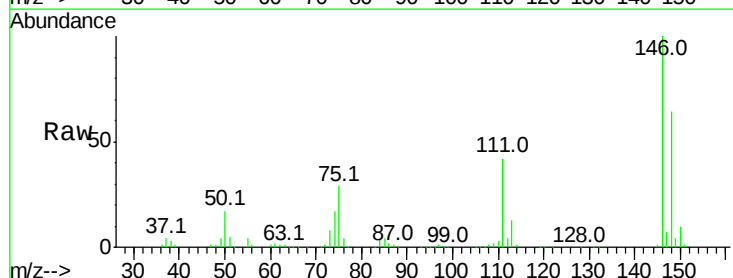
RT: 6.82 min Scan# 410

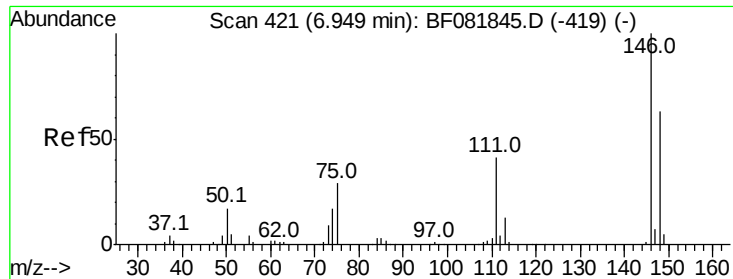
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	146	Resp:	324589
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.0	76.4
75	28.7	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 38.92 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

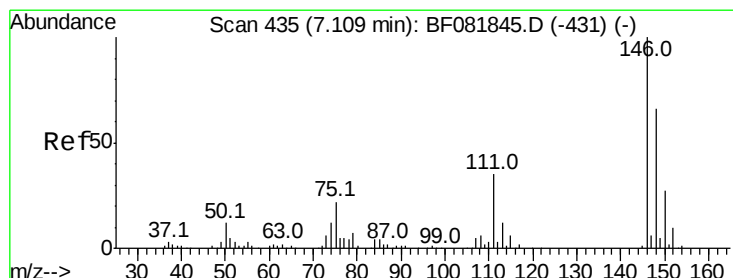
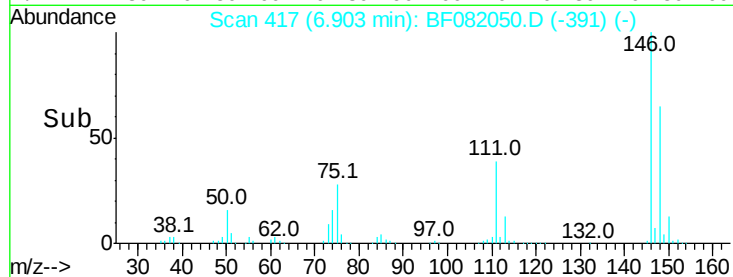
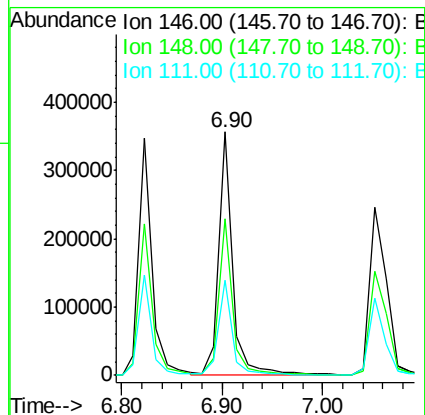
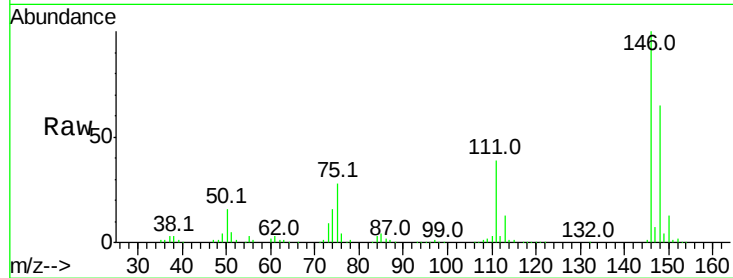
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	345422
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
111	39.0	24.9	37.3#

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#14

1,2-Dichlorobenzene

Concen: 37.05 ng m

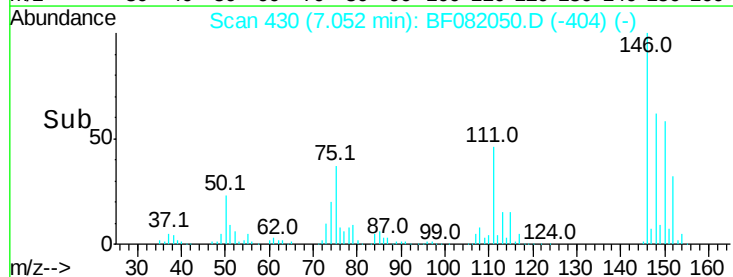
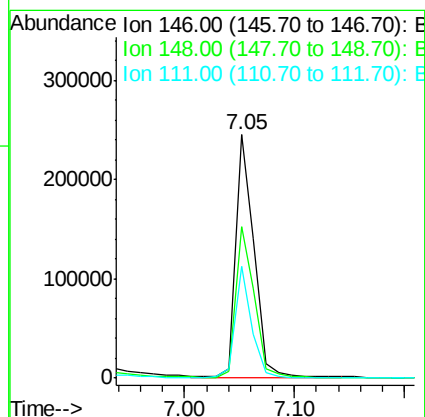
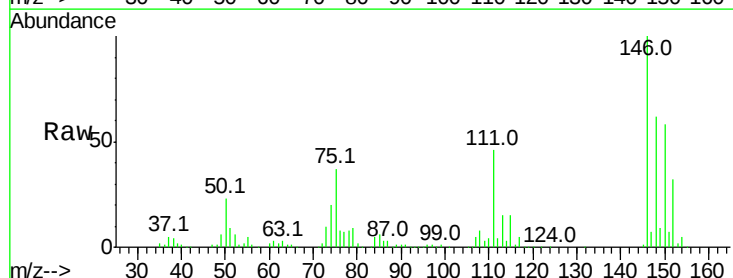
RT: 7.05 min Scan# 430

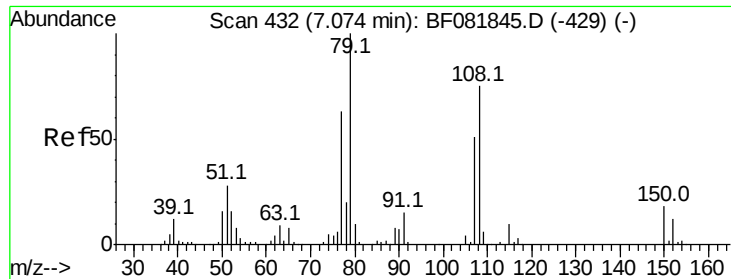
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	146	Resp:	292970
Ion Ratio	Lower	Upper	
146	100		
148	62.1	52.7	79.1
111	46.0	28.8	43.2#





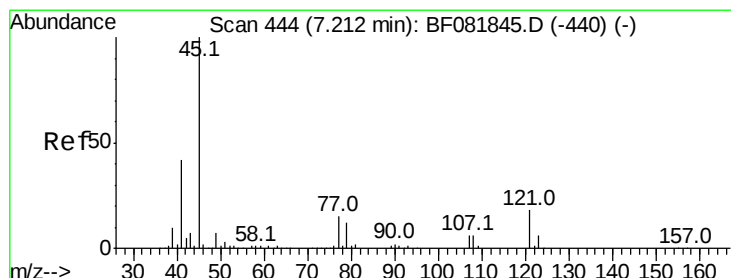
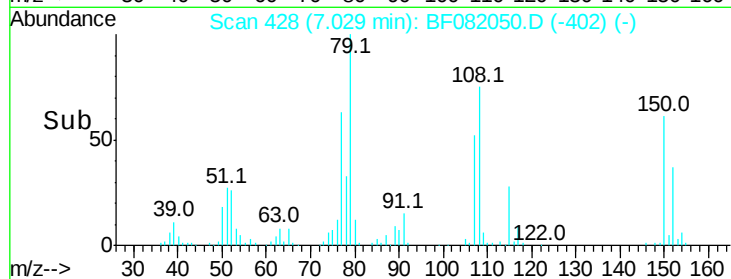
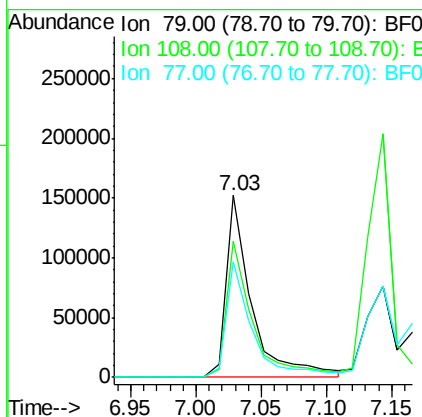
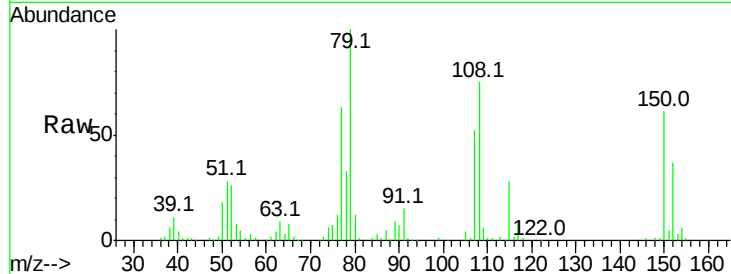
#15
Benzyl Alcohol
Concen: 35.06 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 79 Resp: 207514
Ion Ratio Lower Upper
79 100
108 75.2 88.6 132.8#
77 63.4 47.0 70.4

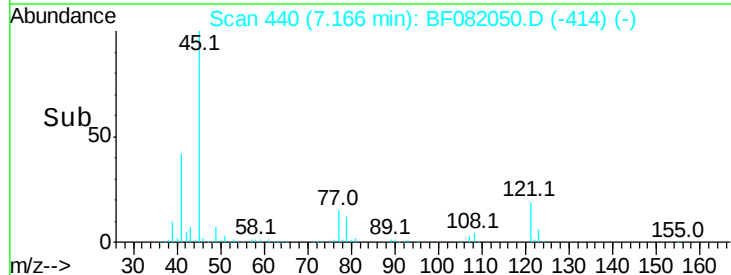
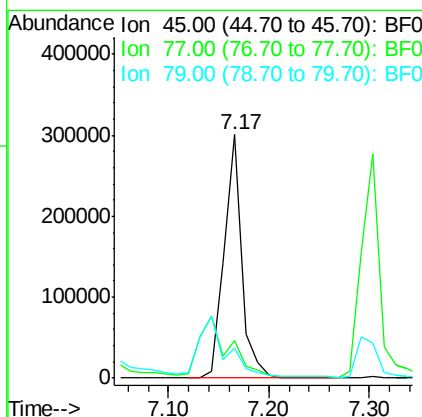
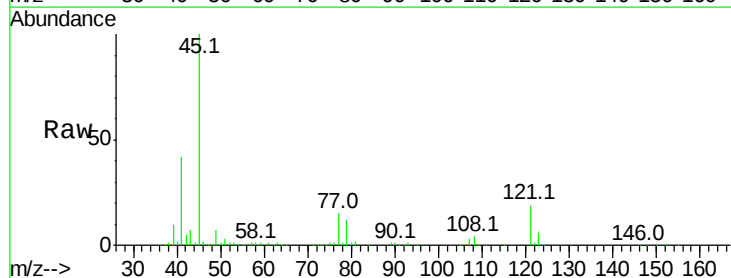
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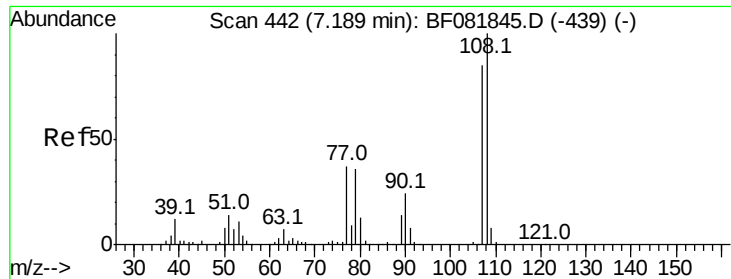
MMDadoda
10/6/2015 2:55:28 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.08 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion: 45 Resp: 363798
Ion Ratio Lower Upper
45 100
77 15.2 0.0 28.1
79 12.5 0.0 26.0





#17

2-Methylphenol

Concen: 39.74 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF082050.D

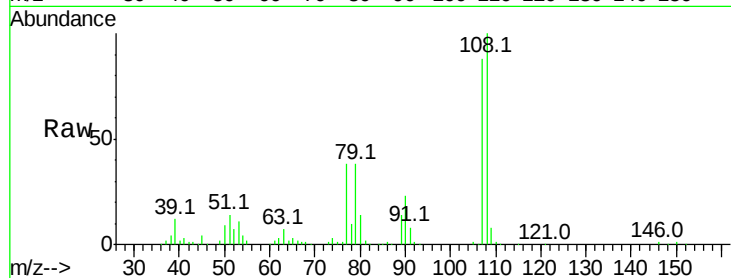
Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tot Ion:107 Resp: 231806

Ion Ratio Lower Upper

107 100

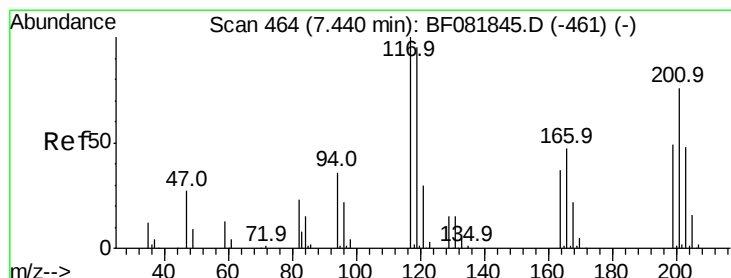
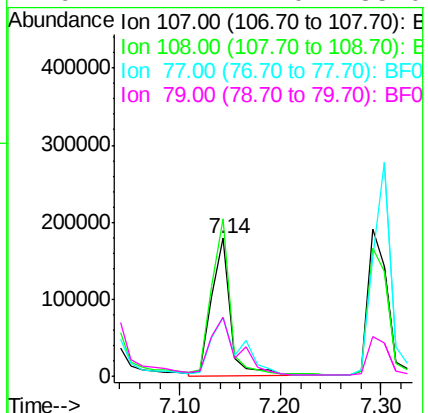
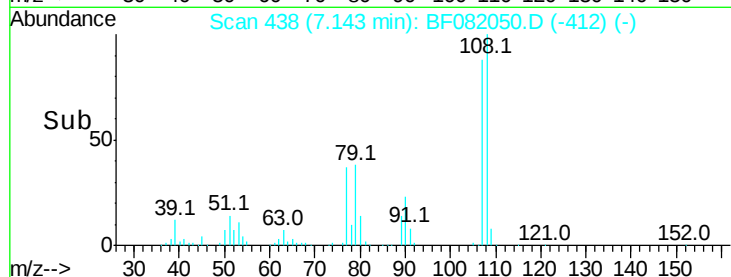
108 113.6 96.6 145.0

77 42.8 23.3 34.9#

79 42.7 22.0 33.0#

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#18

Hexachloroethane

Concen: 38.85 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

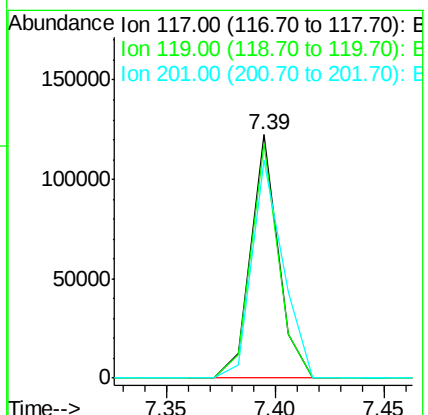
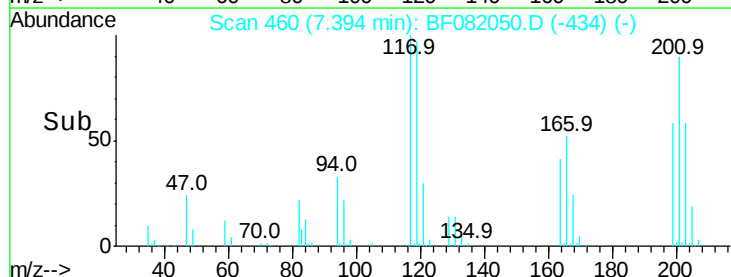
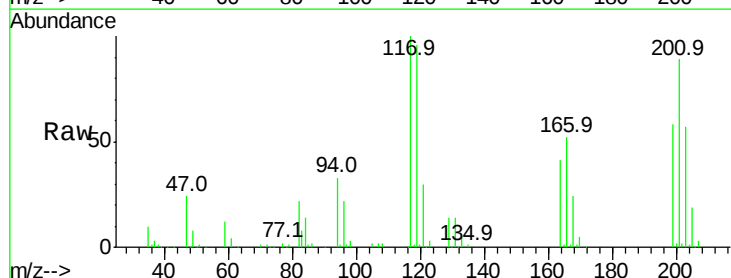
Tgt Ion:117 Resp: 107943

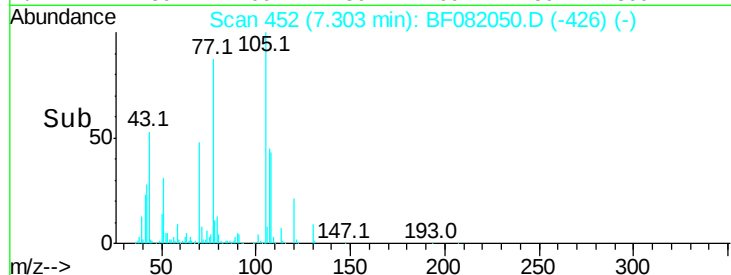
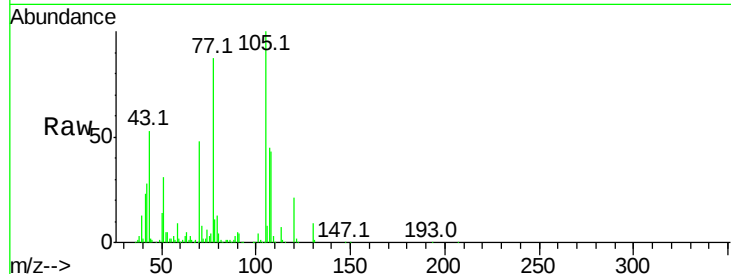
Ion Ratio Lower Upper

117 100

119 96.4 83.8 125.6

201 89.5 55.1 82.7#





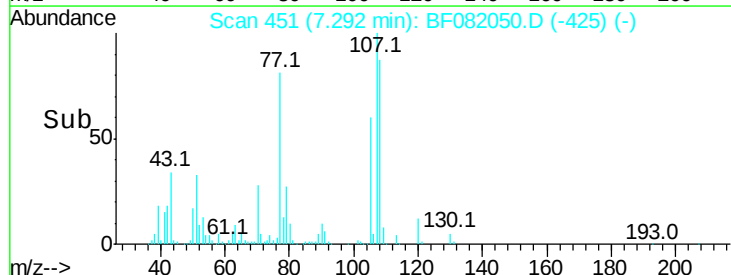
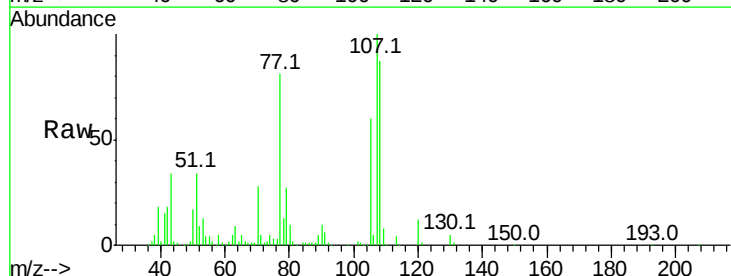
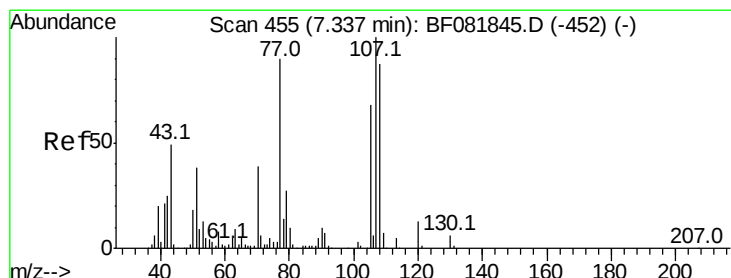
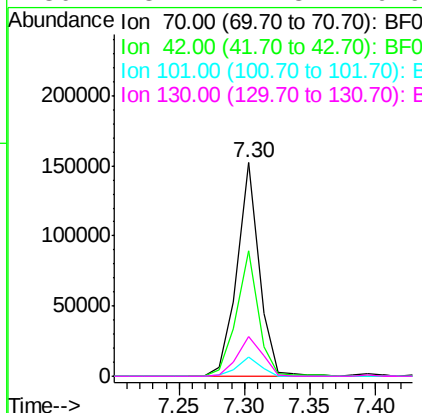
#19
n-Nitroso-di-n-propylamine
Concen: 36.08 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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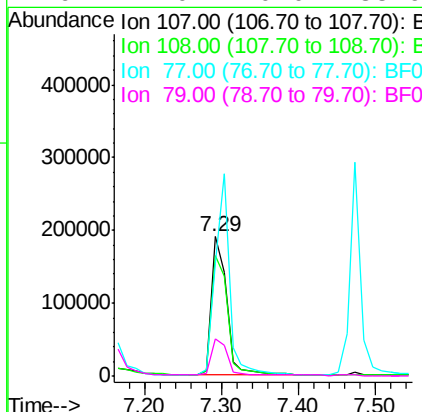
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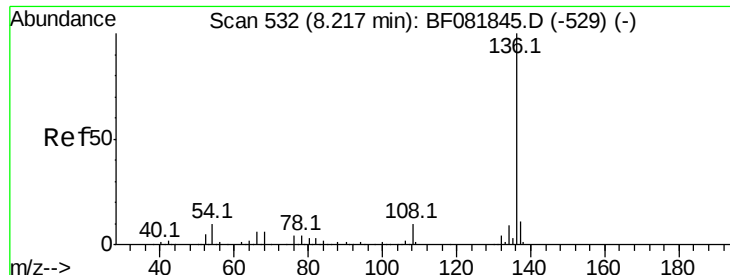
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.8	63.8	95.6#
101	9.0	9.2	13.8#
130	18.7	27.3	40.9#



#20
3+4-Methylphenols
Concen: 35.24 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	74.6	114.6
77	81.0	0.7	40.7#
79	27.0	0.0	38.9





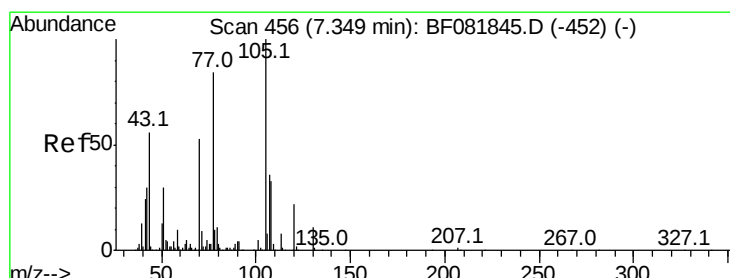
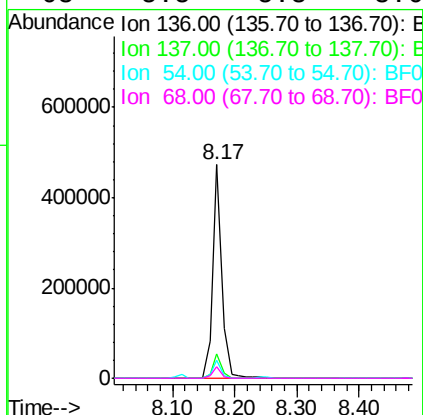
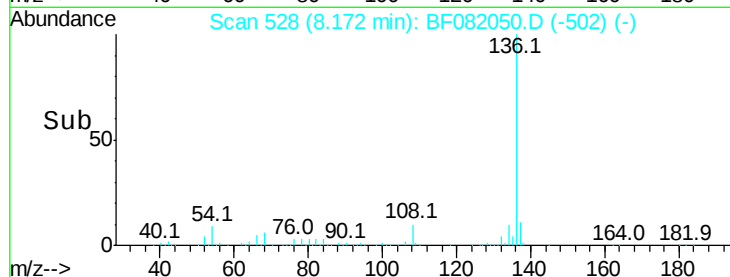
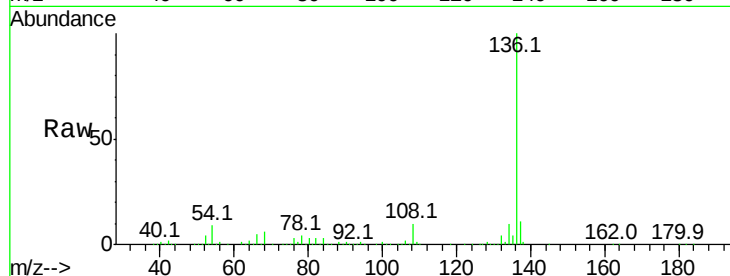
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.6	
54	8.5	8.2	12.2	
68	5.5	5.8	8.6#	

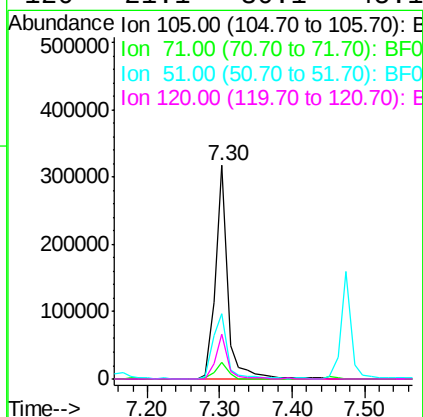
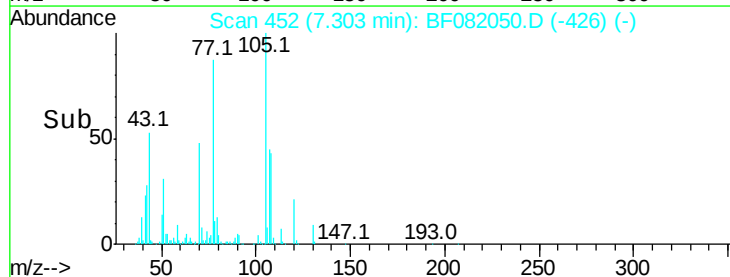
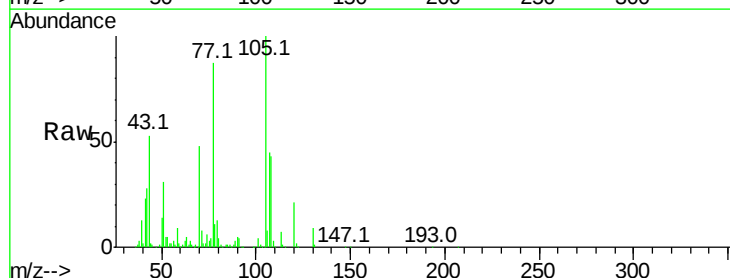
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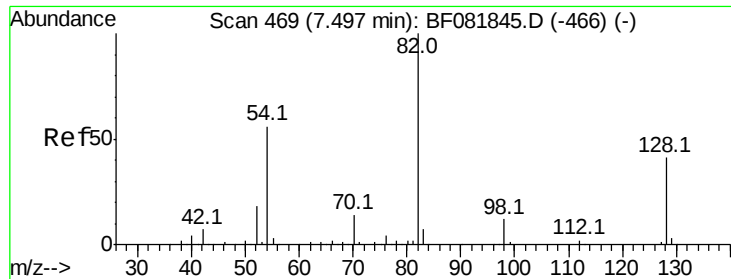
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#22
Acetophenone
Concen: 38.52 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	4.7	7.1#	
51	30.7	22.0	33.0	
120	21.1	30.1	45.1#	





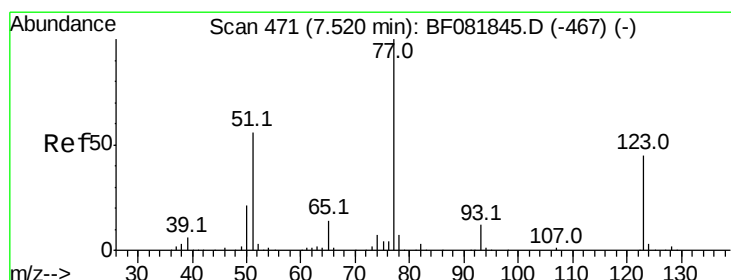
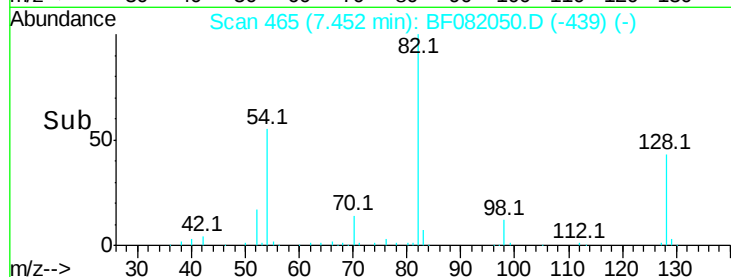
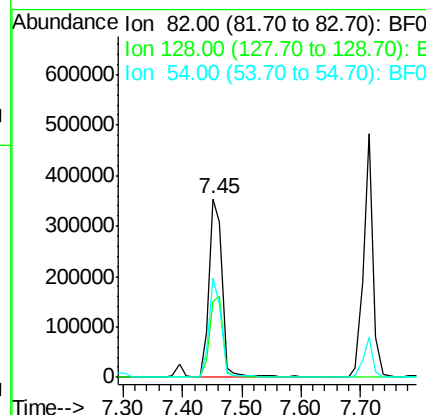
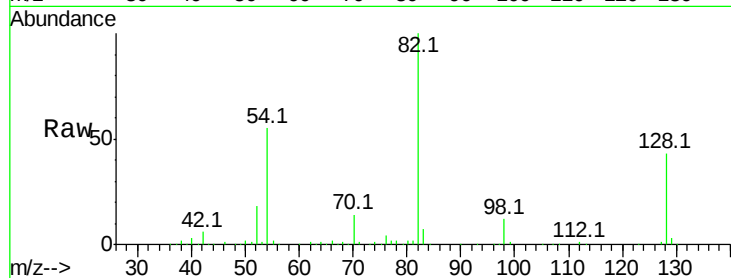
#23
 Nitrobenzene-d5
 Concen: 78.71 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	51.0	76.6#
54	55.4	47.5	71.3

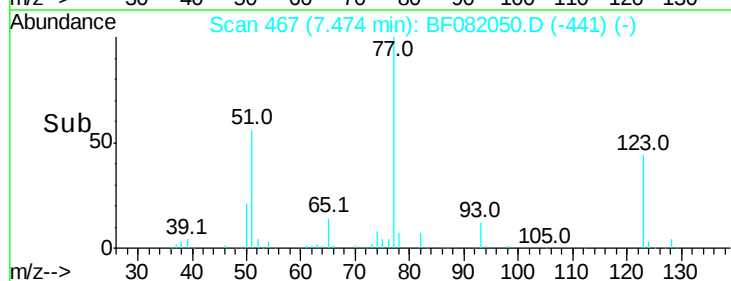
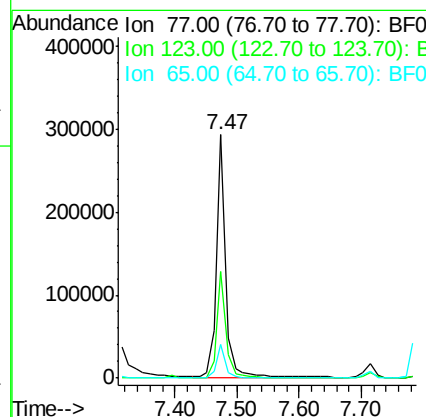
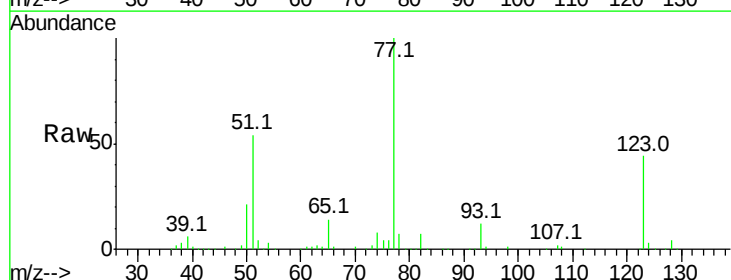
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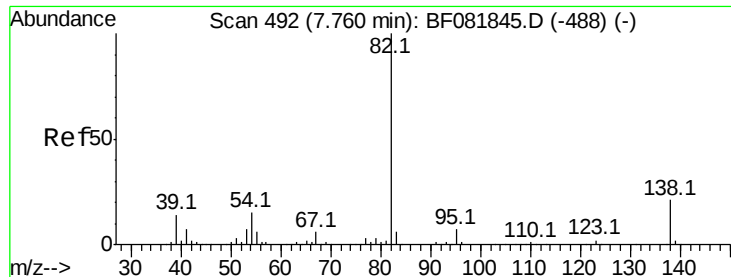
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#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	59.8	89.8#
65	13.7	10.2	15.4





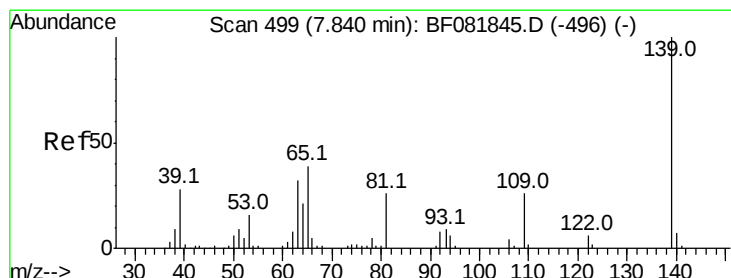
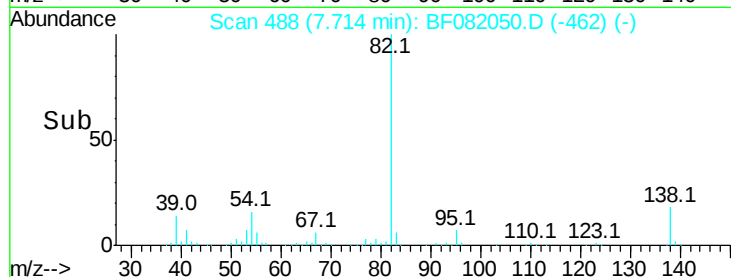
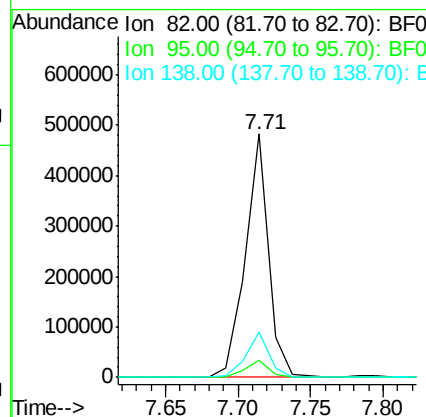
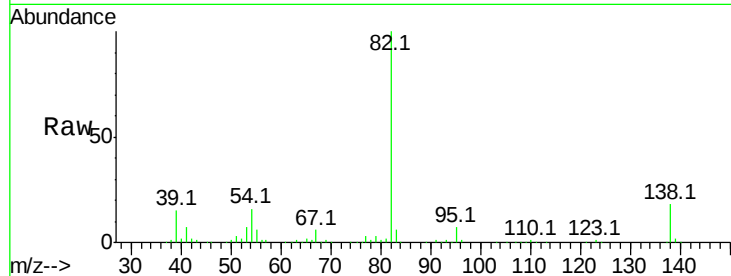
#25
Isophorone
Concen: 37.73 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	4.0	6.0#
138	18.4	18.3	27.5

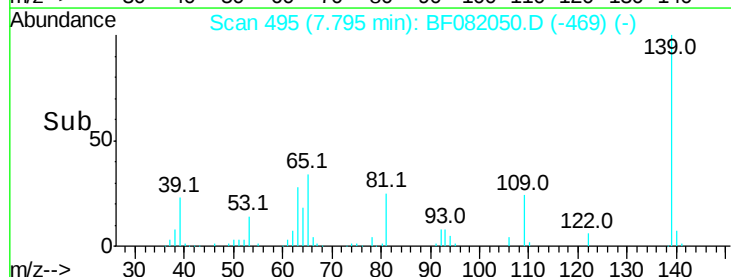
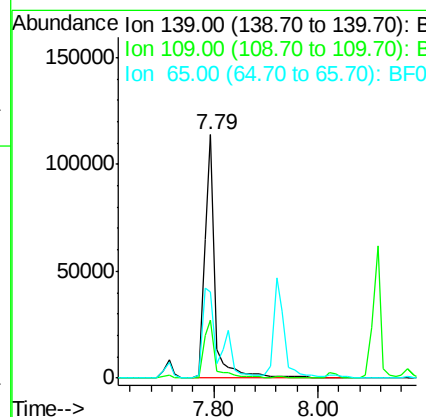
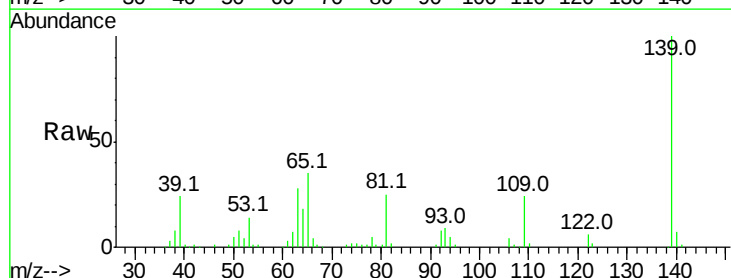
Manual Integrations
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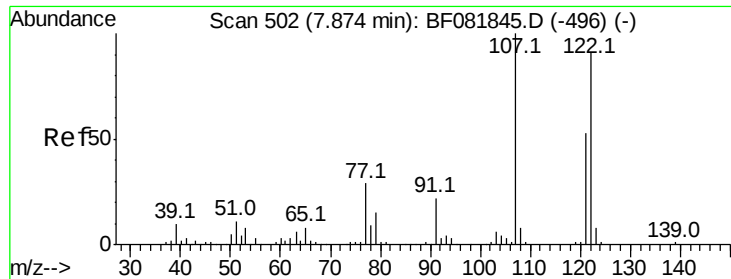
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#26
2-Nitrophenol
Concen: 42.06 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.0	11.0	16.4#
65	35.4	24.7	37.1





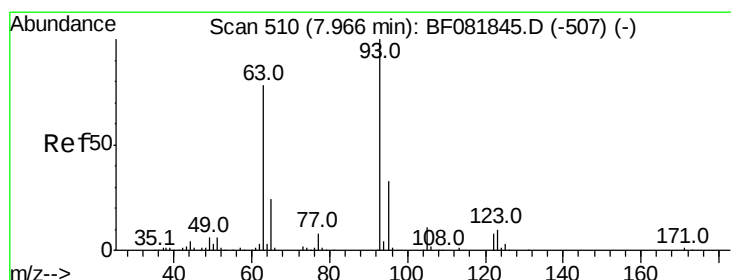
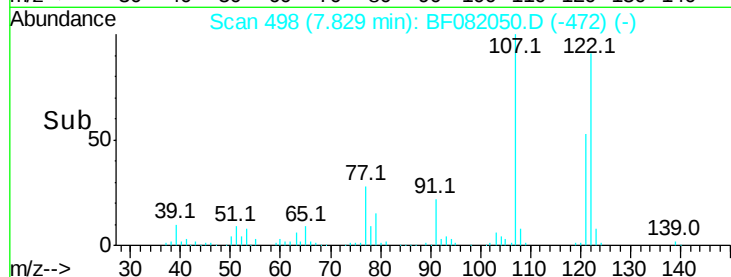
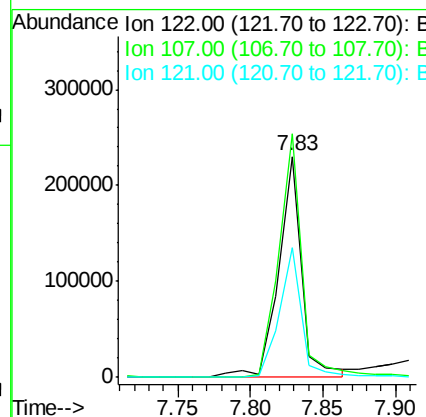
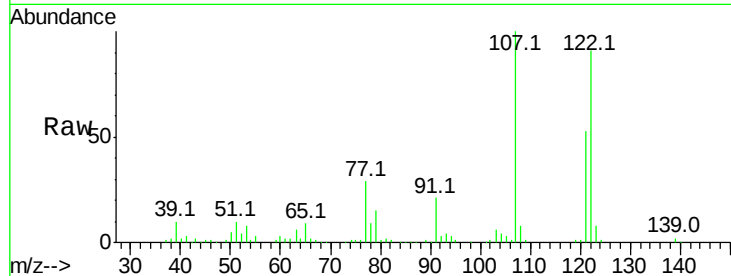
#27
2,4-Dimethylphenol
Concen: 38.78 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	71.8	107.6#
121	58.5	42.3	63.5

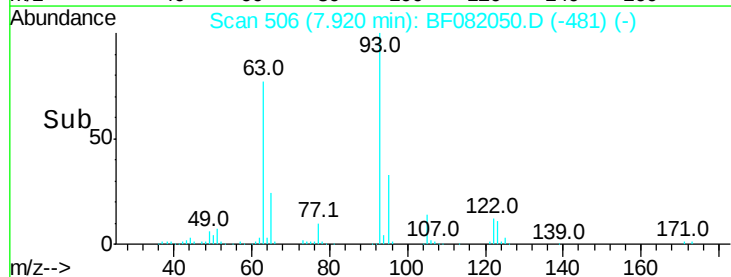
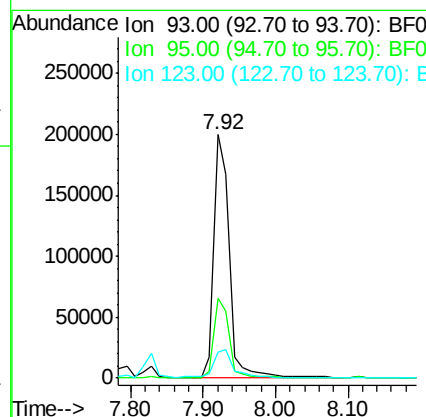
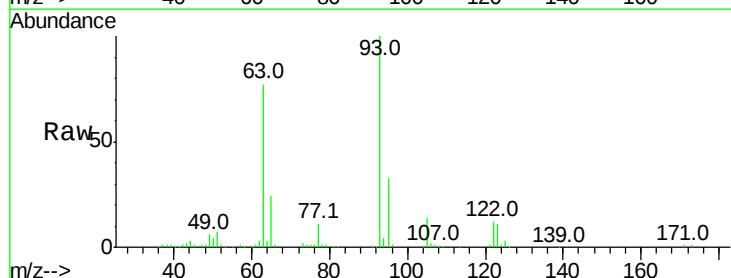
Manual Integrations
APPROVED

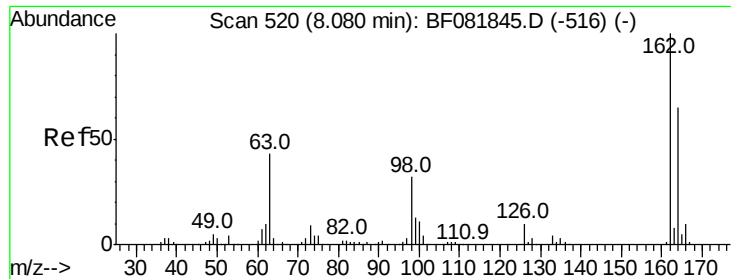
MMDadoda
10/6/2015 2:55:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.24 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.5	41.3
123	10.8	13.7	20.5#





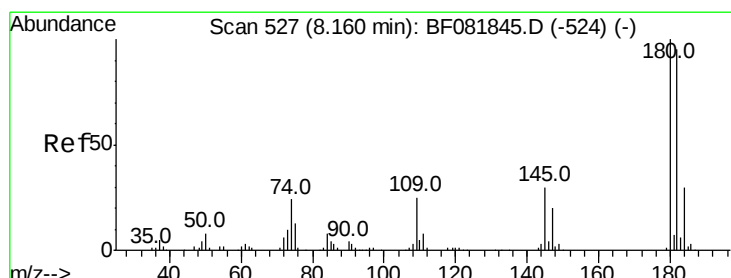
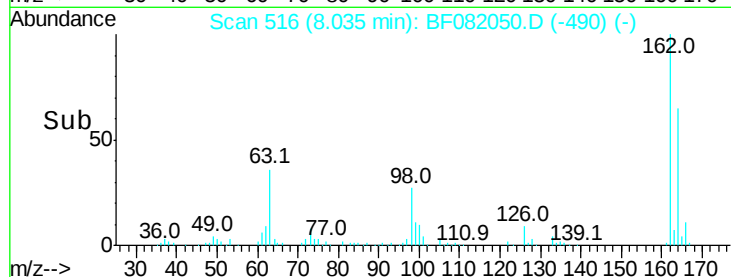
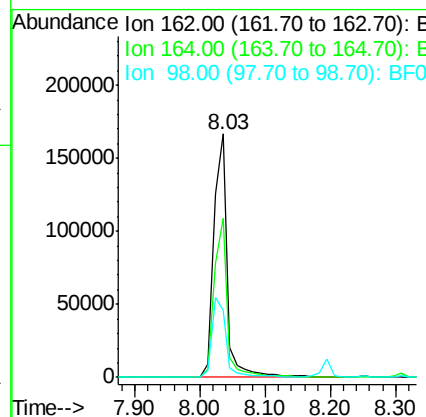
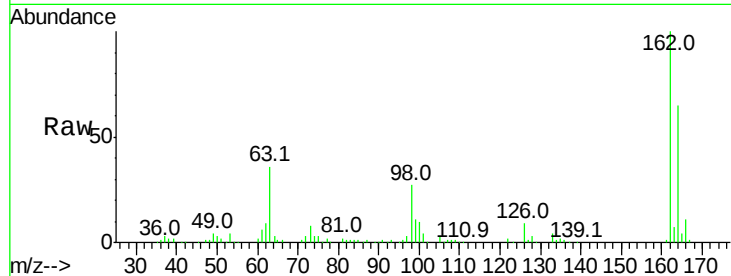
#29
 2,4-Dichlorophenol
 Concen: 38.33 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	242619		
164	65.1	44.9	84.9	
98	27.4	13.0	53.0	

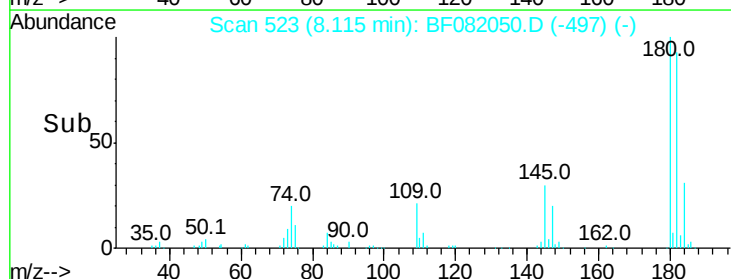
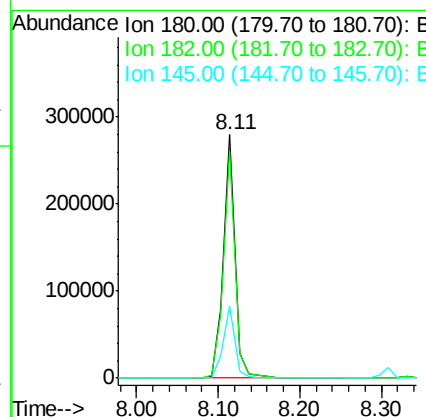
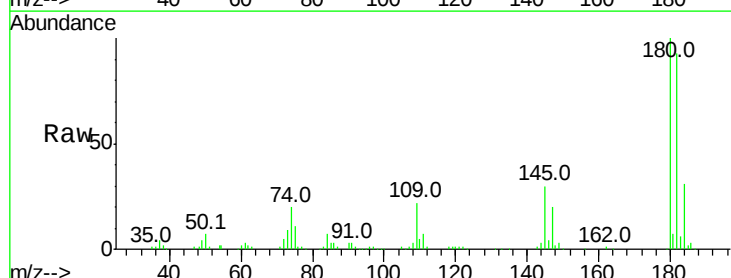
Manual Integrations
 APPROVED

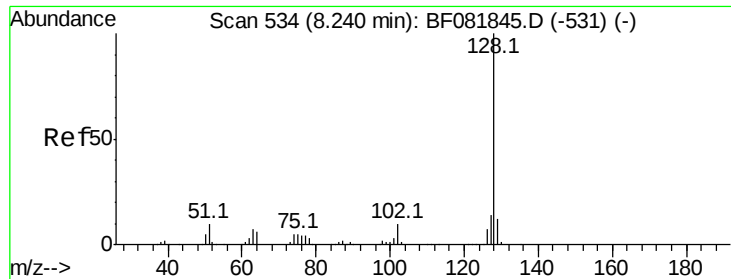
MMDadoda
 10/6/2015 2:55:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.05 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	275904		
182	93.4	77.1	115.7	
145	29.8	23.3	34.9	





#31

Naphthalene

Concen: 36.85 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

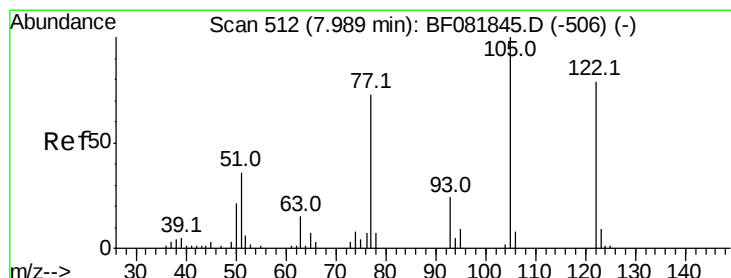
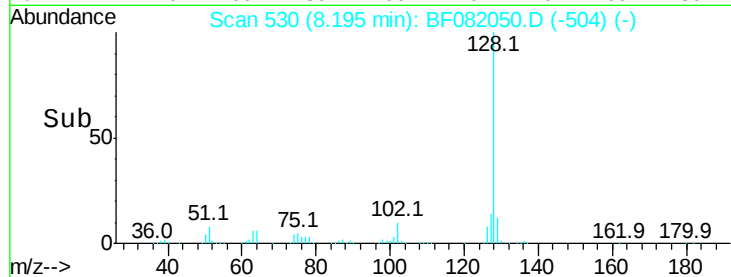
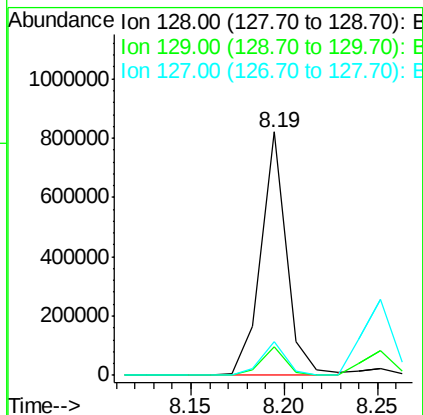
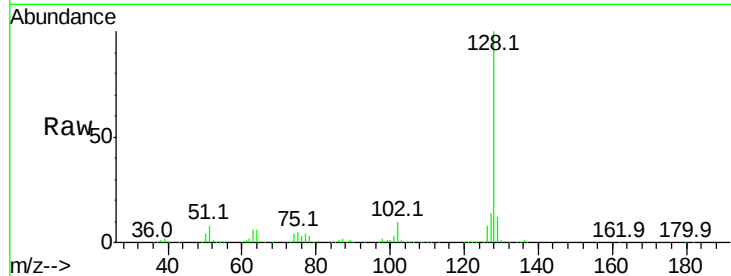
ClientSampleId :

SSTDCCC040EC

Tot Ion:	128	Resp:	774749
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.4	12.6
127	13.7	9.9	14.9

Manual Integrations
APPROVED

MMDadoda
10/6/2015 2:55:28 PM



#32

Benzoic acid

Concen: 41.50 ng

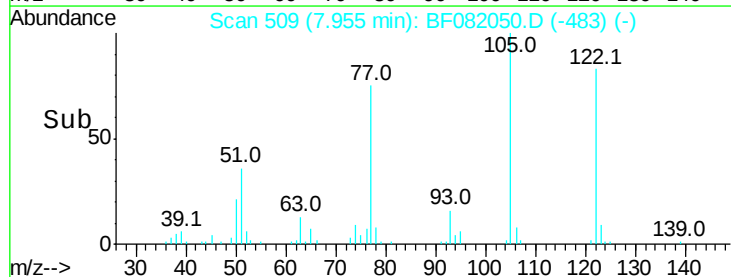
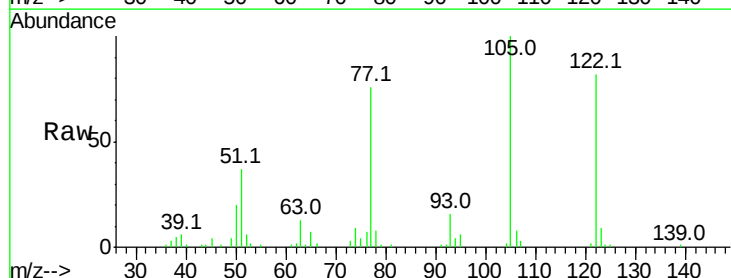
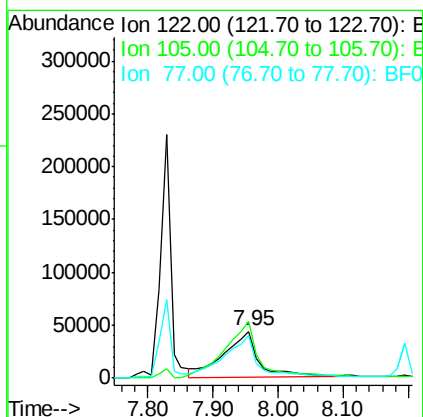
RT: 7.95 min Scan# 509

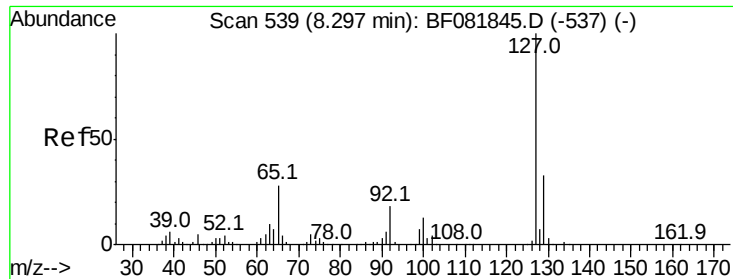
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	122	Resp:	157451
Ion Ratio	Lower	Upper	
122	100		
105	121.6	76.1	116.1#
77	92.3	40.5	80.5#





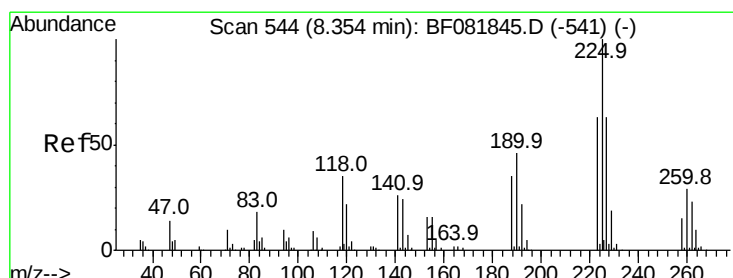
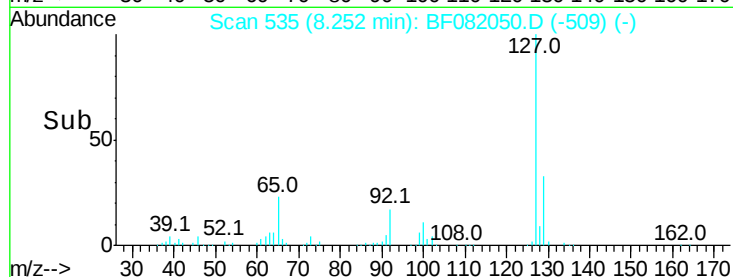
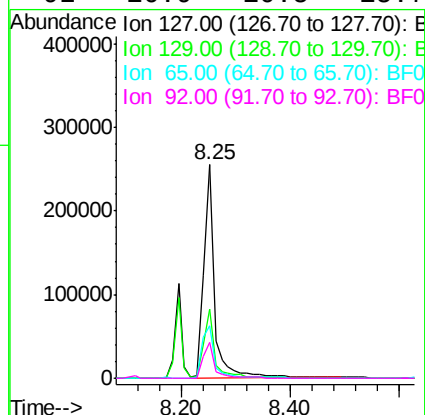
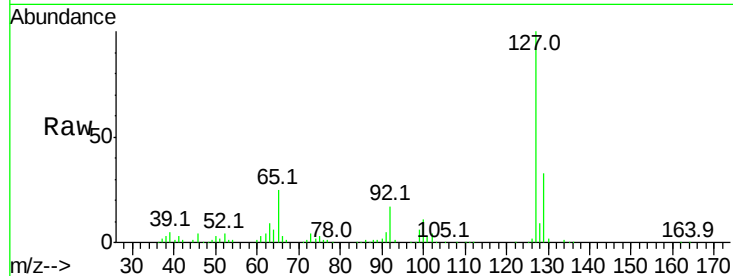
#33
4-Chloroaniline
Concen: 38.01 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.6	25.8	38.6
65	24.9	17.9	26.9
92	16.9	10.5	15.7

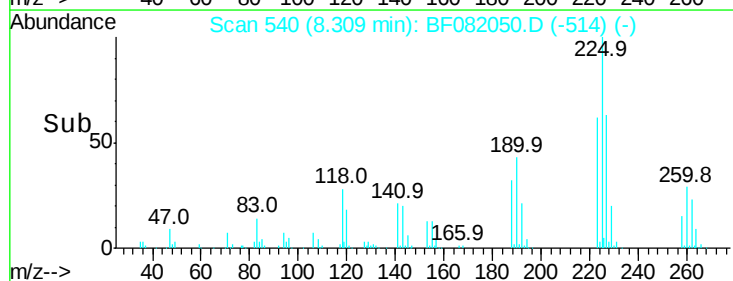
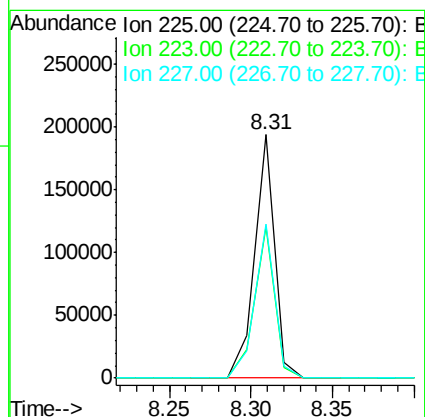
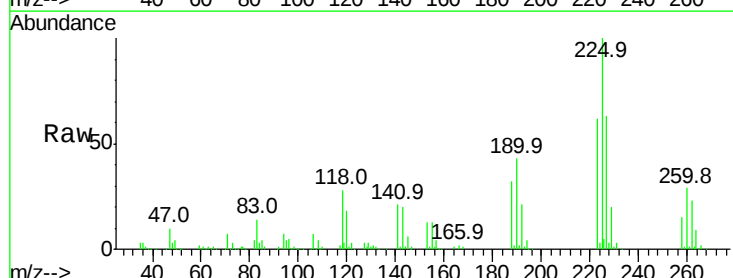
Manual Integrations
APPROVED

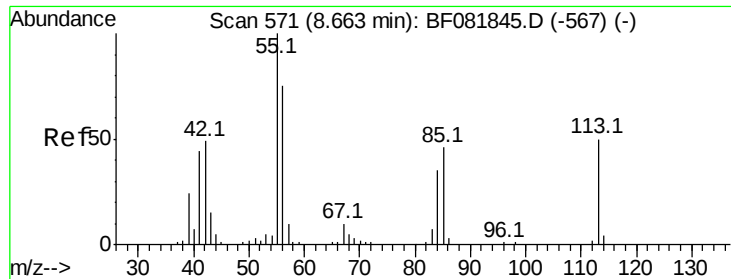
MMDadoda
10/6/2015 2:55:28 PM



#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.3	50.2	75.2
227	63.1	52.2	78.2





#35

Caprolactam

Concen: 41.48 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

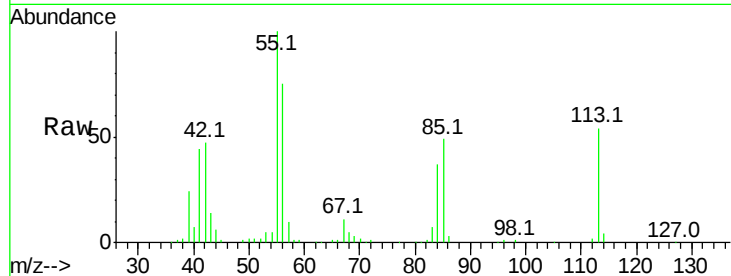
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	72674
Ion Ratio	Lower	Upper	
113	100		
55	184.2	152.4	192.4
56	137.3	104.6	144.6

Manual Integrations
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10/6/2015 2:55:28 PM

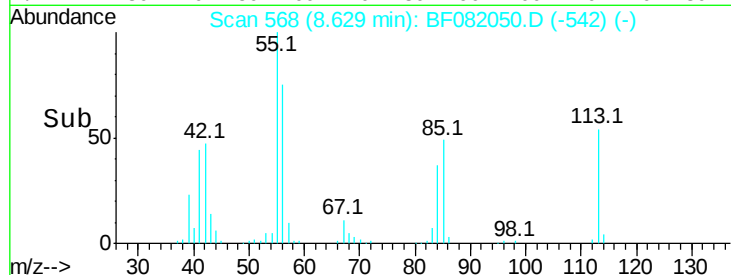


Abundance Ion 113.00 (112.70 to 113.70): E

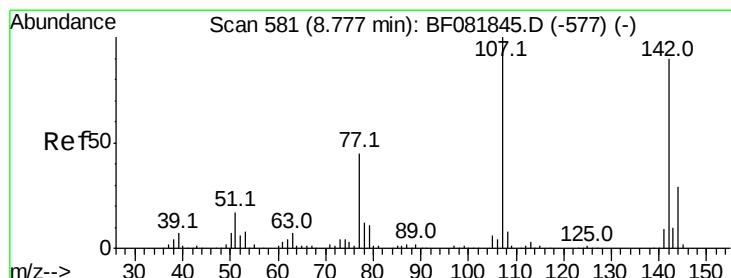
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 39.96 ng

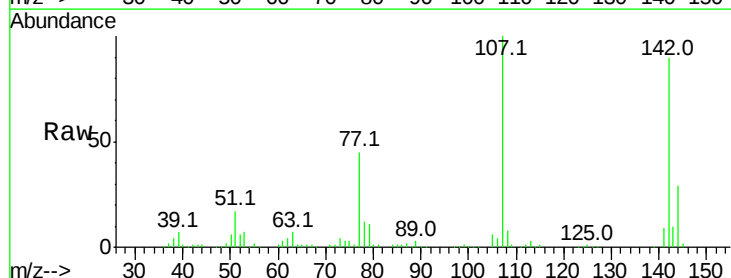
RT: 8.73 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	107	Resp:	247323
Ion Ratio	Lower	Upper	
107	100		
144	29.4	25.4	38.0
142	90.0	77.3	115.9

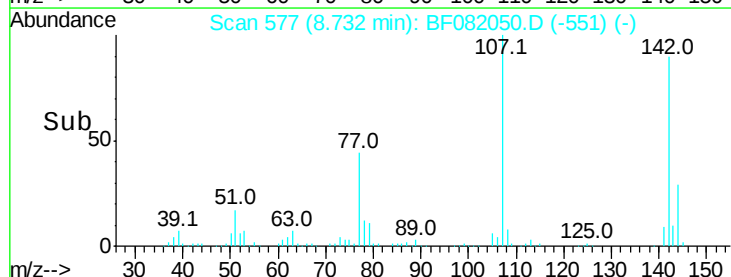


Abundance Ion 107.00 (106.70 to 107.70): E

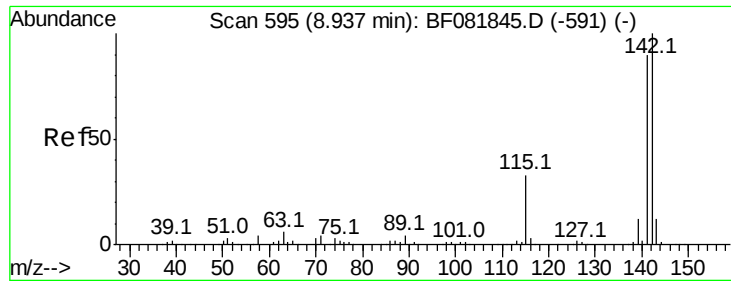
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



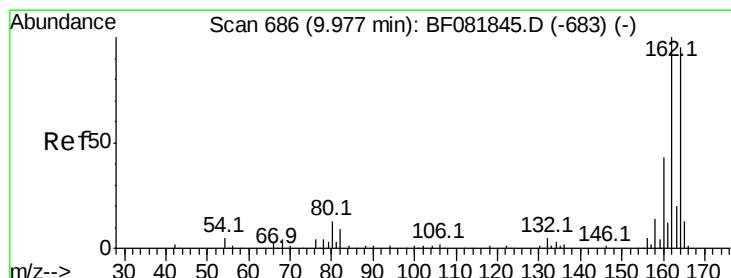
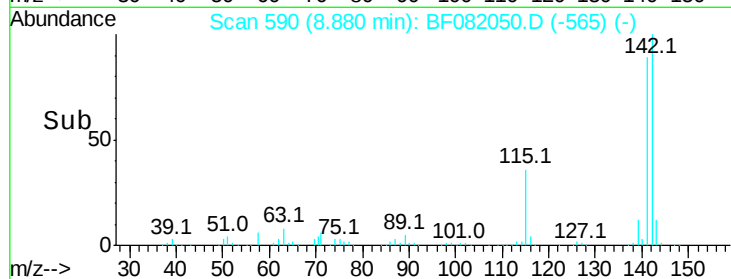
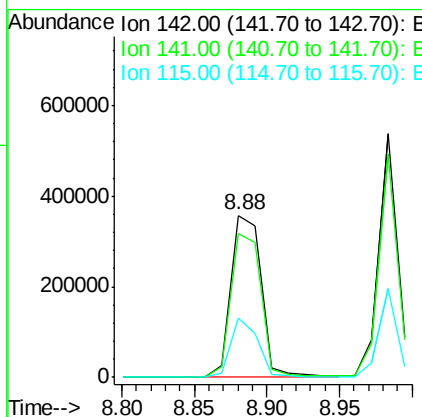
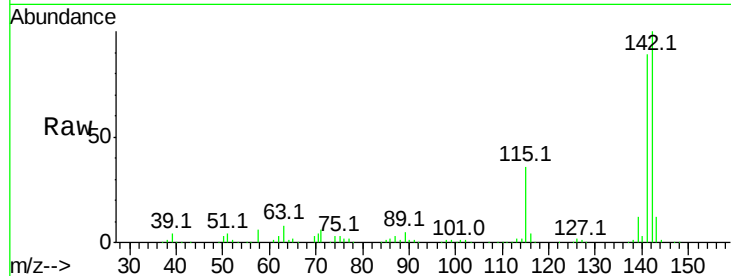
#37
2-Methylnaphthalene
Concen: 36.26 ng
RT: 8.88 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	67.5	101.3
115	36.2	18.2	27.2

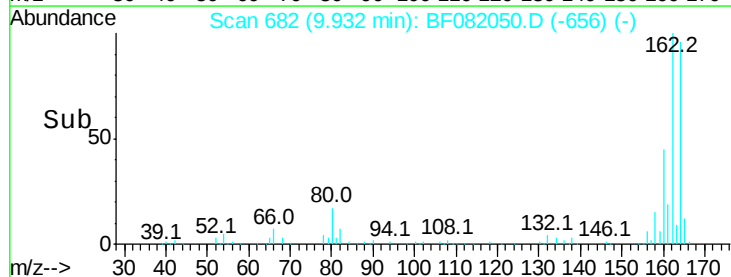
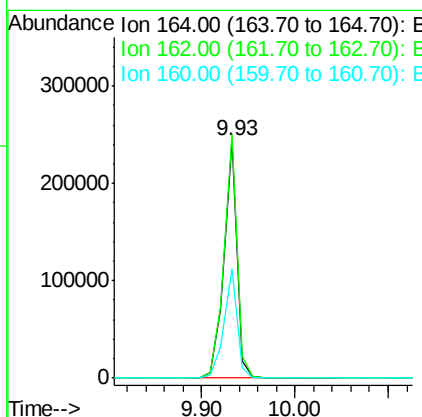
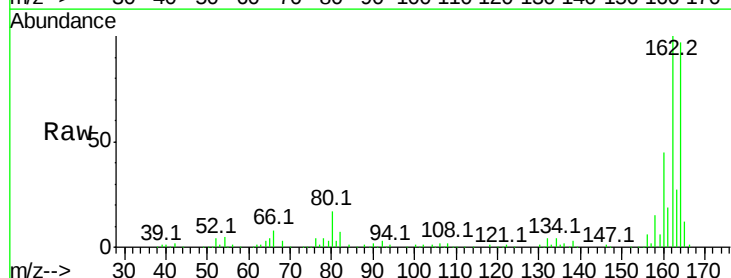
Manual Integrations
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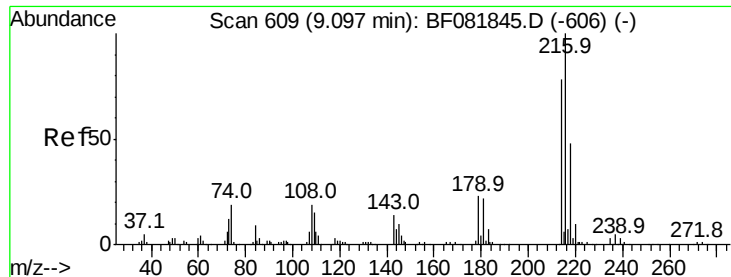
MMDadoda
10/6/2015 2:55:28 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	75.2	112.8
160	46.2	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.60 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

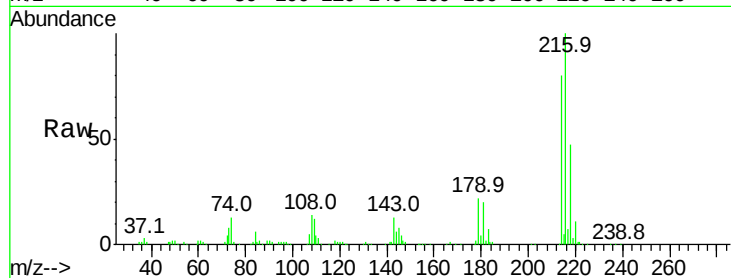
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	278799		
214	79.8	63.5	95.3	
179	21.6	16.6	24.8	
108	16.8	16.3	24.5	

Manual Integrations
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MMDadoda
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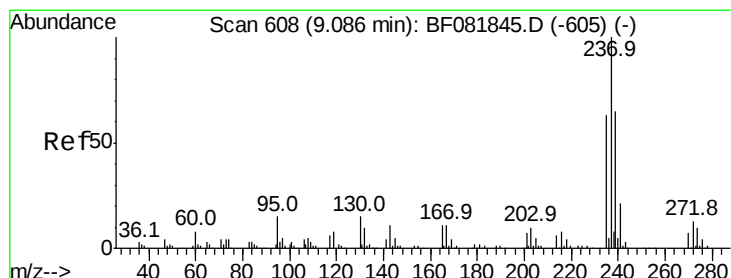
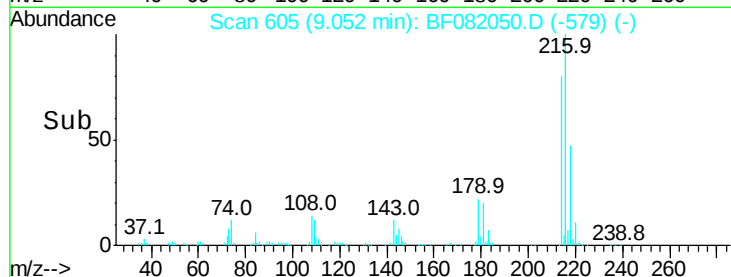
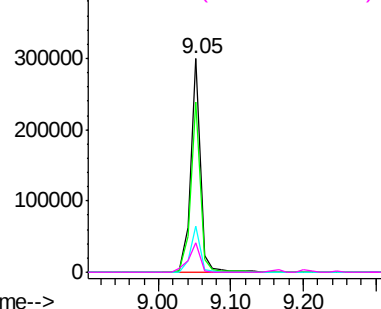


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.01 ng

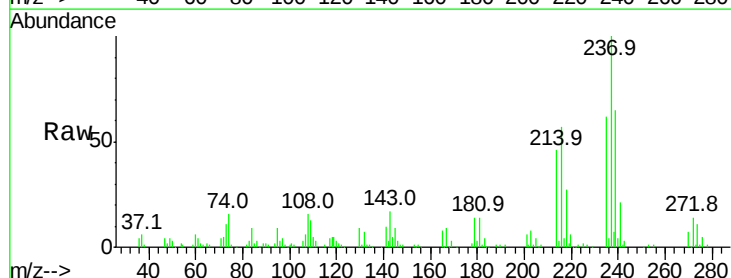
RT: 9.04 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

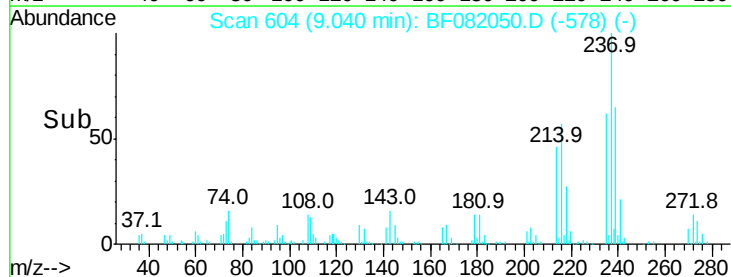
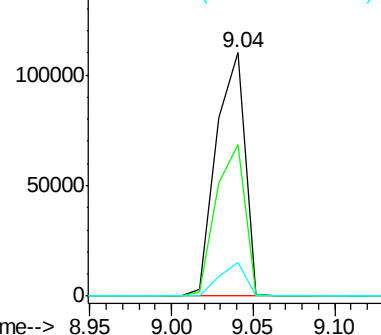
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	133930		
235	62.0	42.0	82.0	
272	13.8	0.0	36.1	

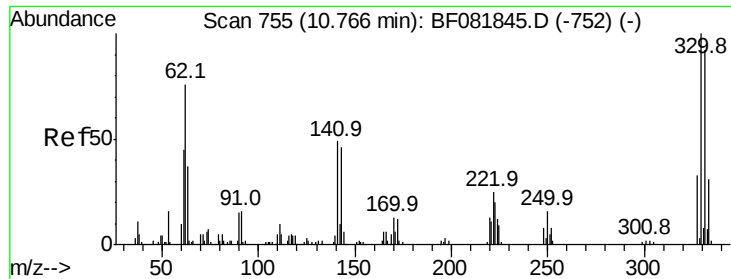


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





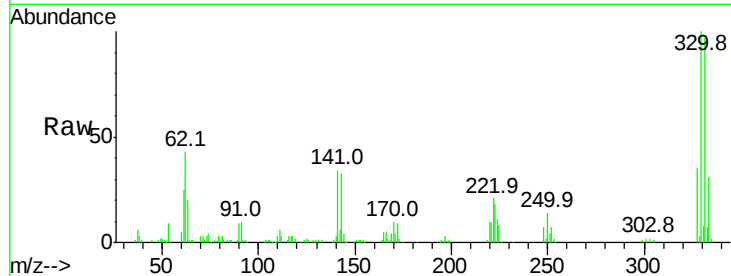
#41
 2,4,6-Tribromophenol
 Concen: 72.38 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

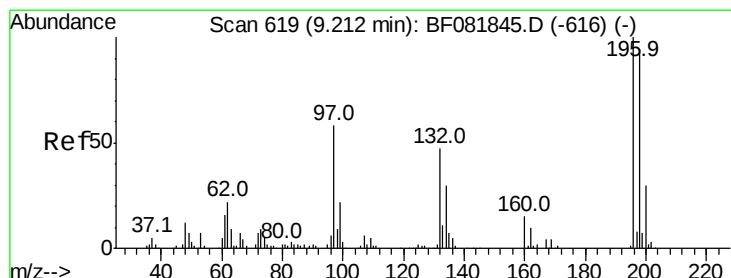
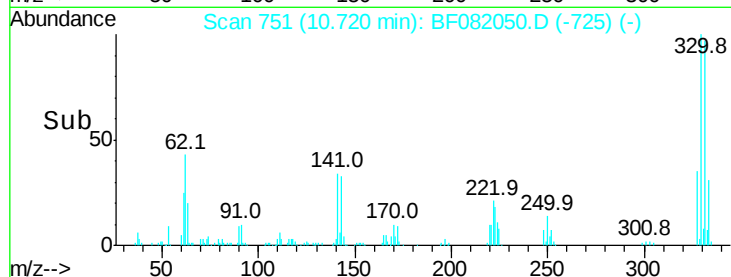
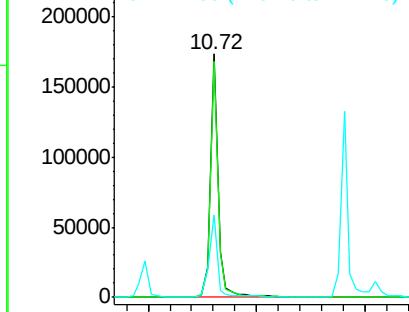
Tot Ion	Ratio	Resp	Lower	Upper
330	100	172436		
332	96.5	76.6	114.8	
141	35.3	29.7	44.5	

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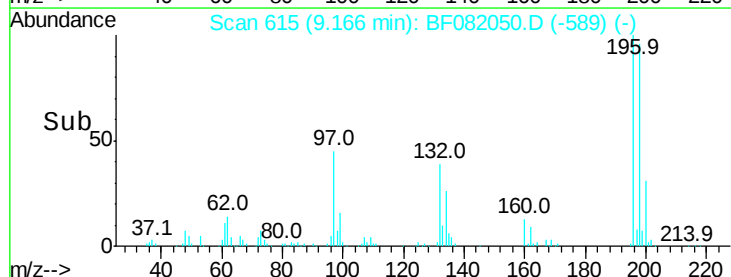
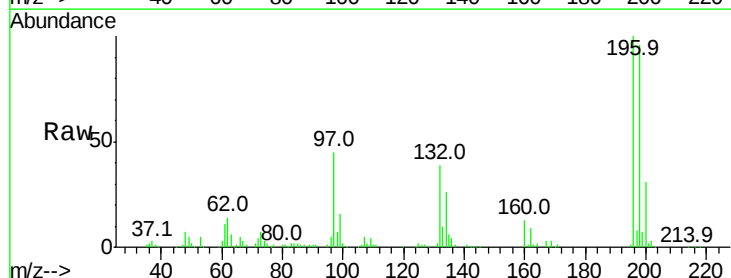
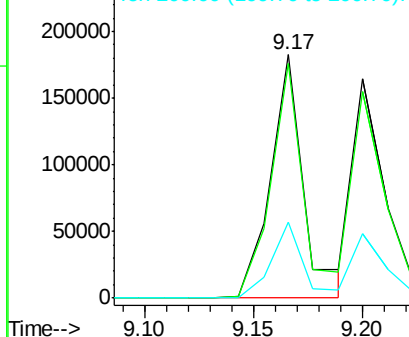
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

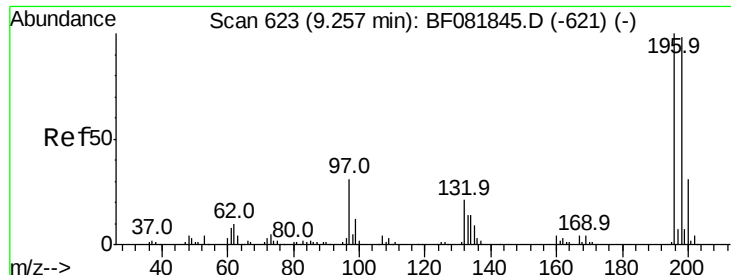


#42
 2,4,6-Trichlorophenol
 Concen: 39.14 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193779		
198	96.4	75.7	113.5	
200	31.1	23.9	35.9	

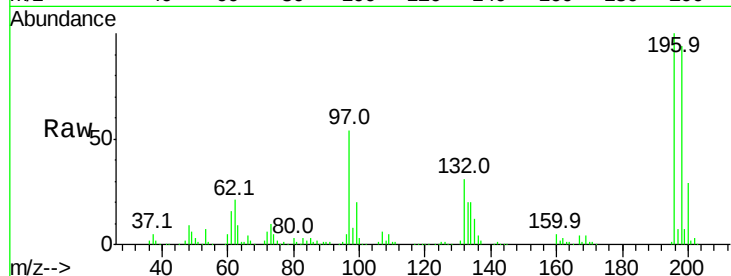
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 36.96 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

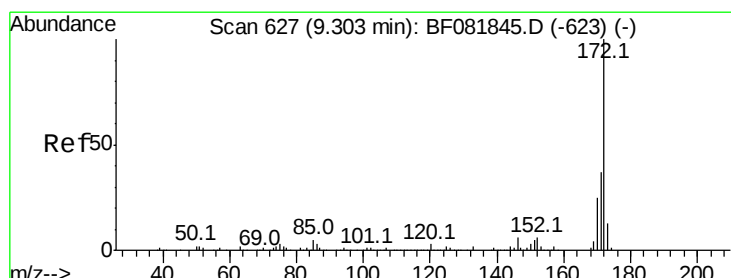
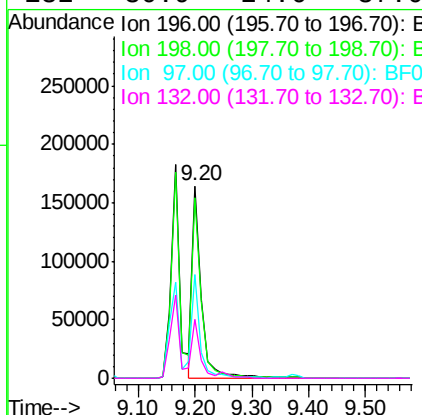
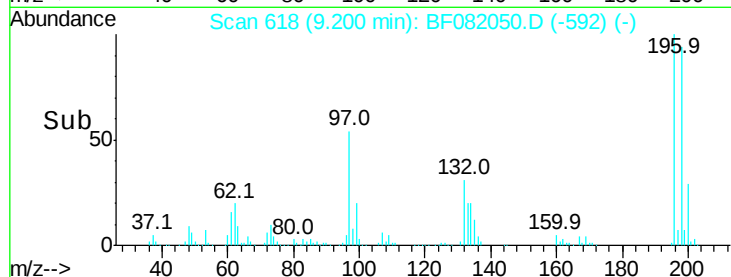
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tot Ion	Ratio	Resp	Lower	Upper
196	100	188202		
198	93.9	75.4	113.0	
97	54.1	33.3	49.9	
132	30.9	24.6	37.0	

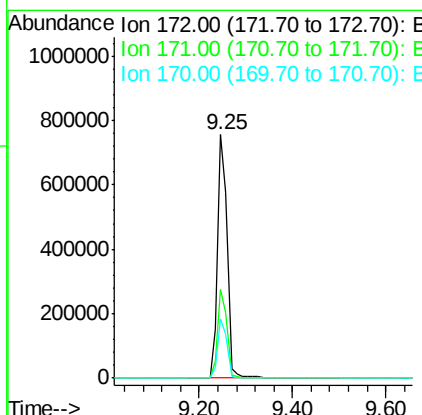
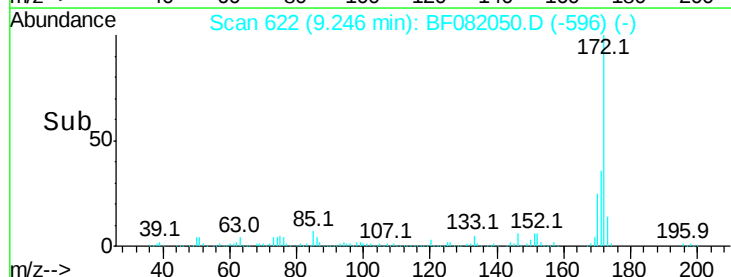
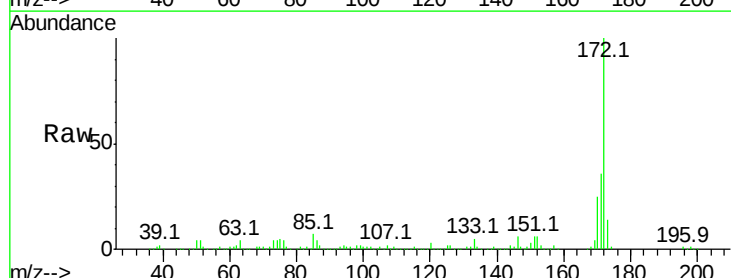
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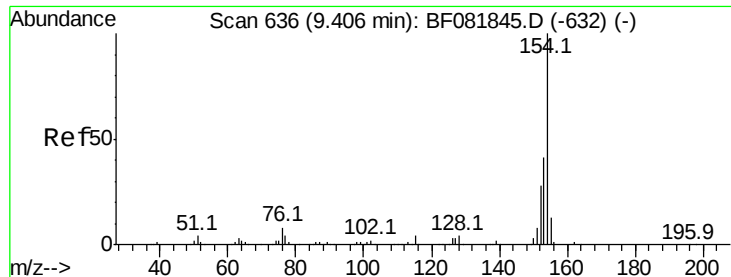
MMDadoda
 10/6/2015 2:55:28 PM



#44
 2-Fluorobiphenyl
 Concen: 74.12 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1068187		
171	36.3	26.1	39.1	
170	24.6	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 35.49 ng

RT: 9.35 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

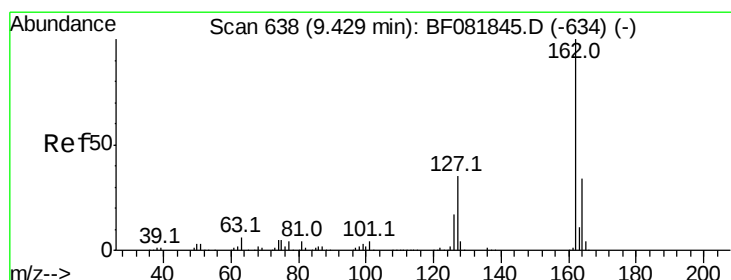
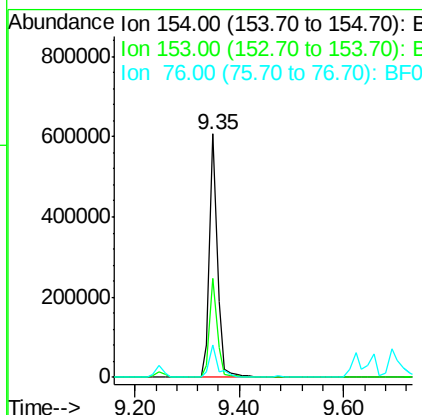
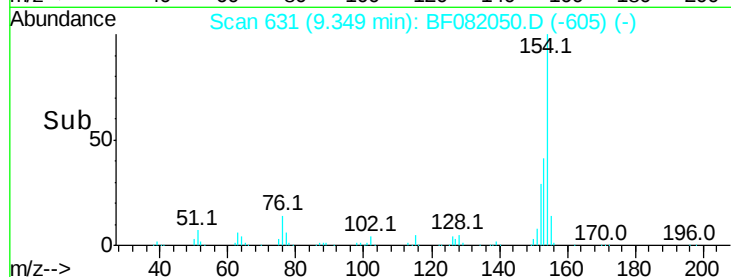
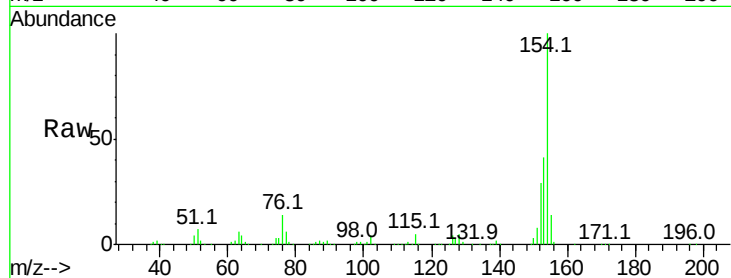
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	644057
Ion Ratio	Lower	Upper	
154	100		
153	40.9	17.1	57.1
76	13.5	0.0	31.6

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#46

2-Chloronaphthalene

Concen: 36.07 ng

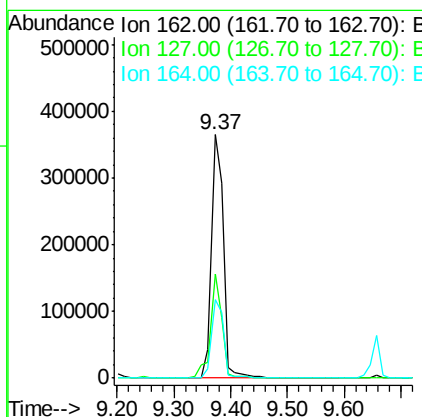
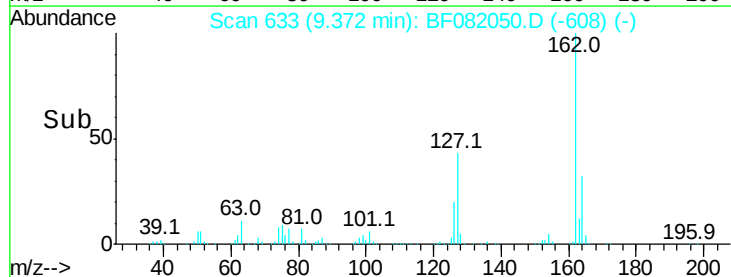
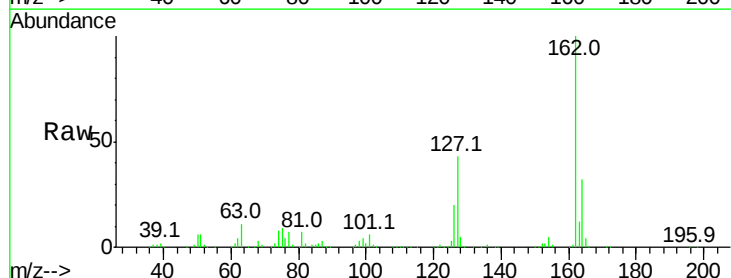
RT: 9.37 min Scan# 633

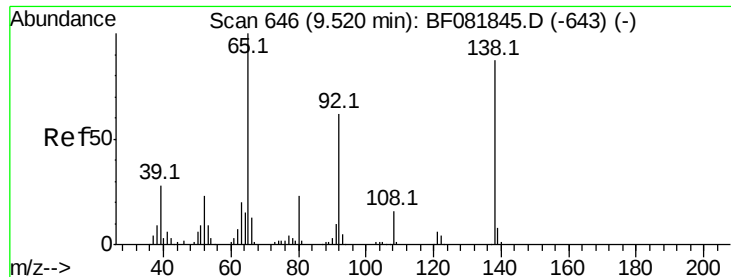
Delta R.T. -0.01 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	162	Resp:	513930
Ion Ratio	Lower	Upper	
162	100		
127	42.5	27.6	41.4#
164	32.5	25.4	38.2





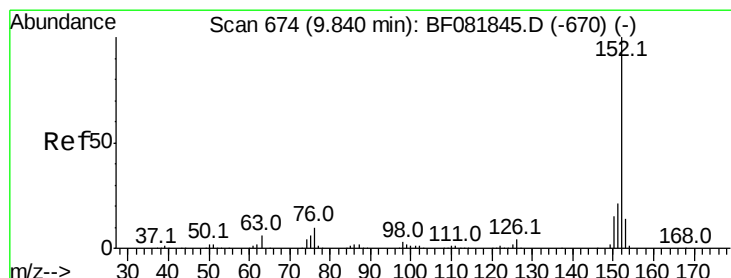
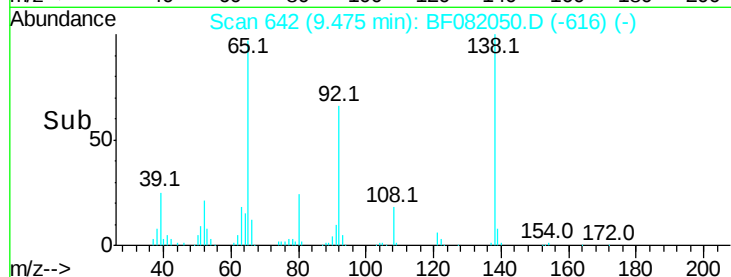
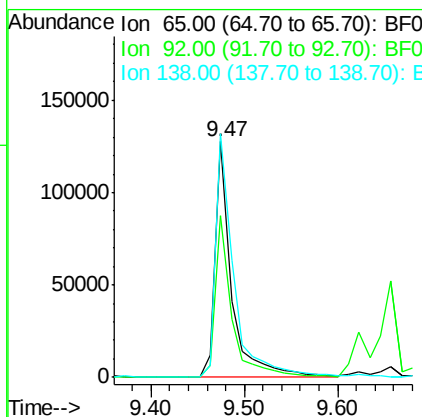
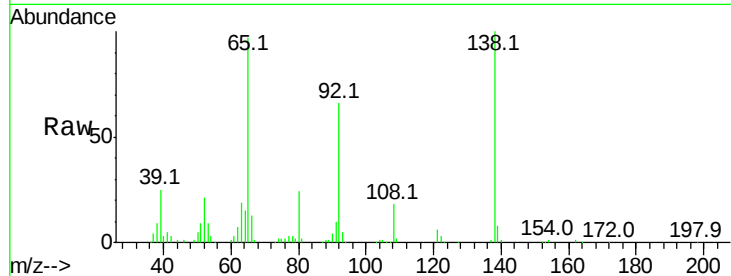
#47
2-Nitroaniline
Concen: 37.47 ng
RT: 9.47 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	55.4	83.0
138	103.2	115.5	173.3

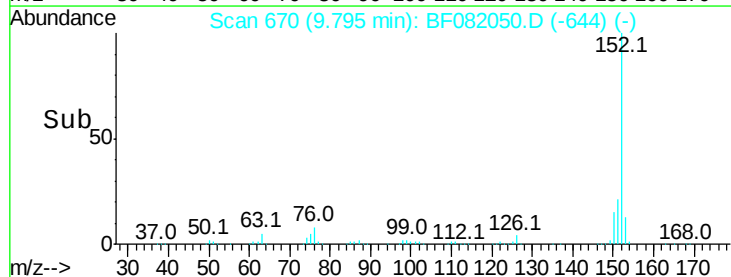
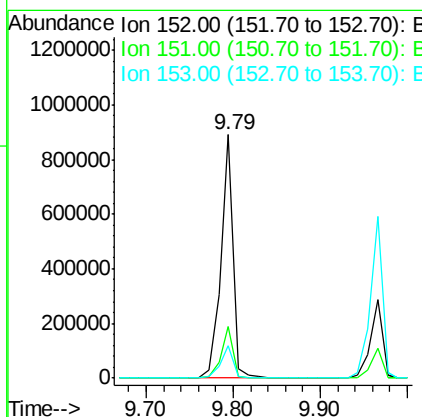
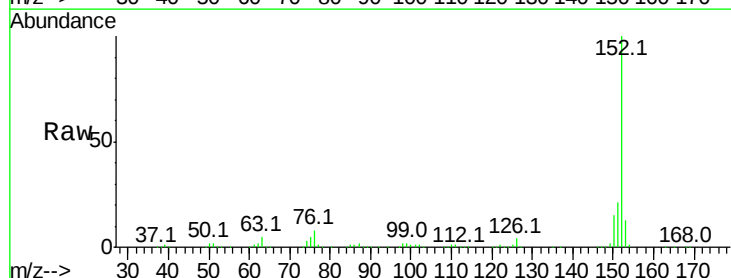
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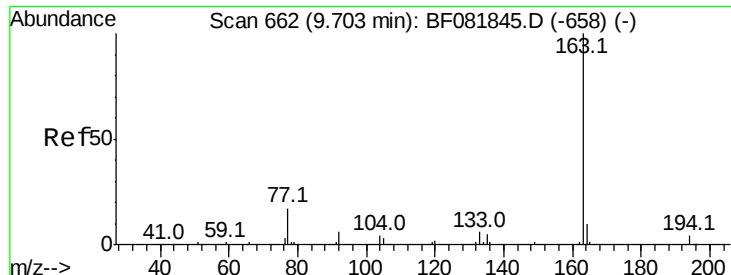
MMDadoda
10/6/2015 2:55:28 PM



#48
Acenaphthylene
Concen: 38.72 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	14.6	22.0
153	13.3	10.3	15.5





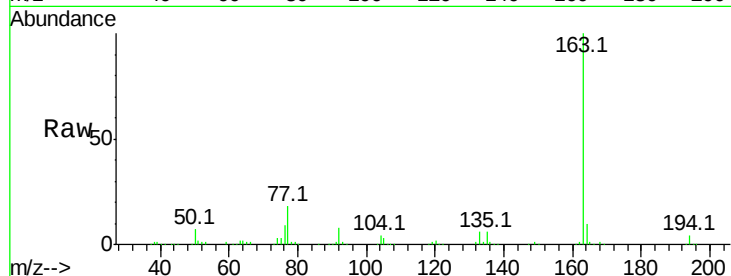
#49
Dimethylphthalate
Concen: 38.85 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

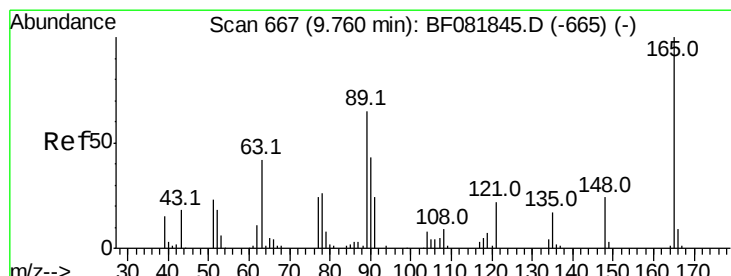
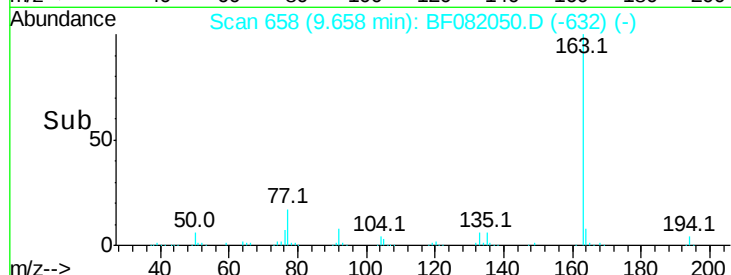
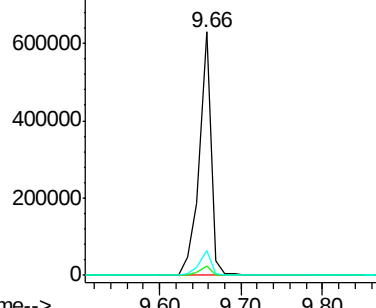
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	4.4	6.6#
164	10.2	8.3	12.5

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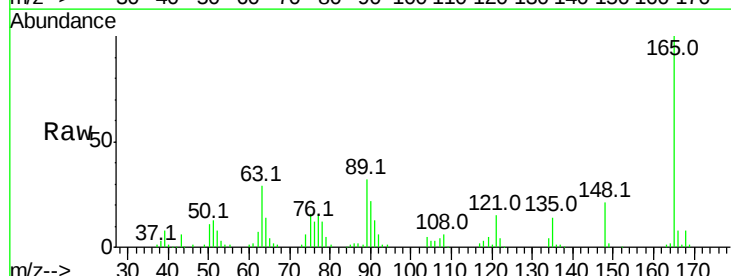


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

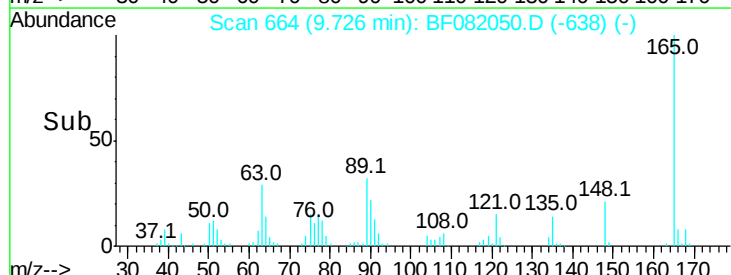
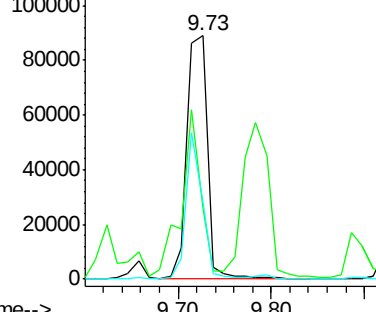


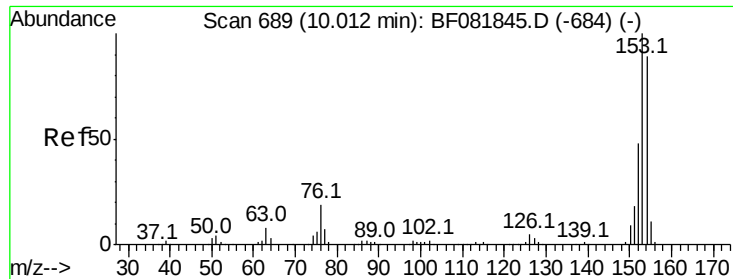
#50
2,6-Dinitrotoluene
Concen: 38.57 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	29.2	32.3	48.5#
89	31.7	28.6	43.0



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





#51

Acenaphthene

Concen: 39.98 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

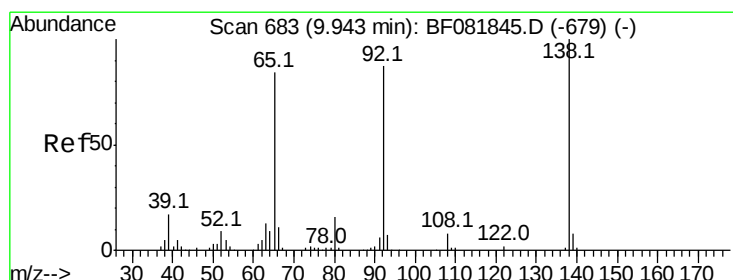
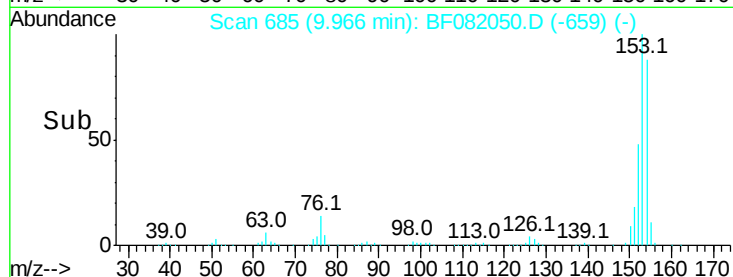
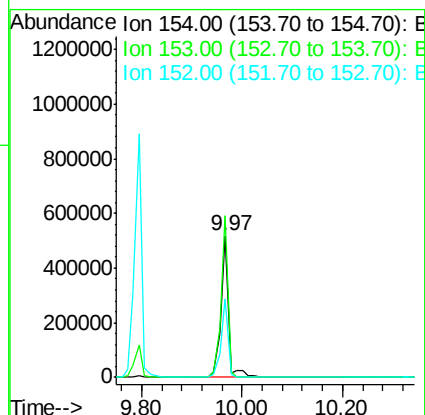
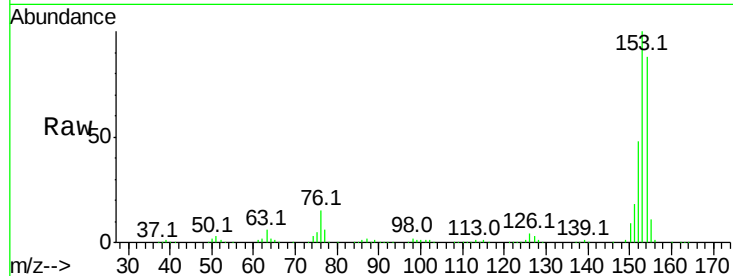
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	541464
Ion Ratio	Lower	Upper	
154	100		
153	114.0	82.1	123.1
152	55.1	37.9	56.9

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#52

3-Nitroaniline

Concen: 39.61 ng

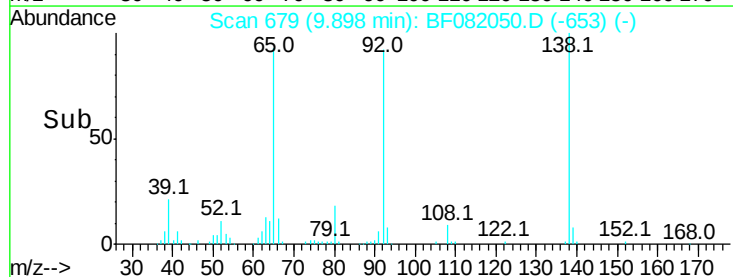
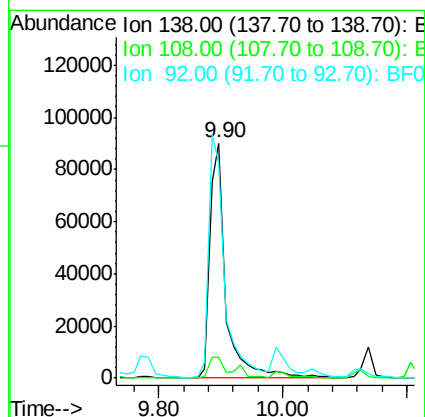
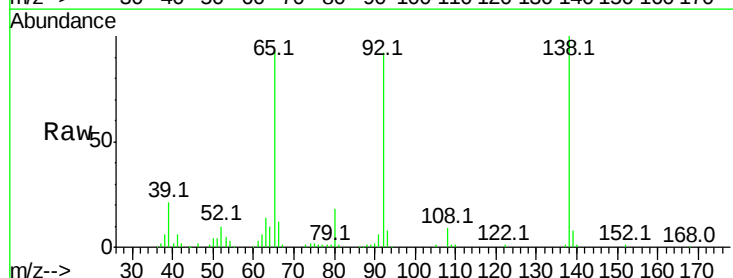
RT: 9.90 min Scan# 679

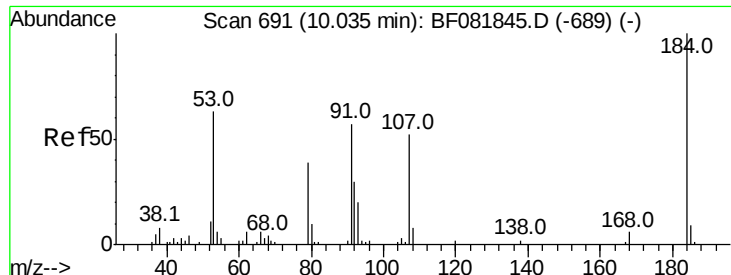
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	138	Resp:	161546
Ion Ratio	Lower	Upper	
138	100		
108	8.7	5.7	8.5#
92	91.8	67.7	101.5





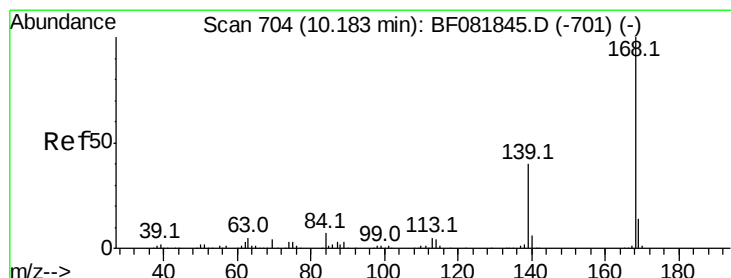
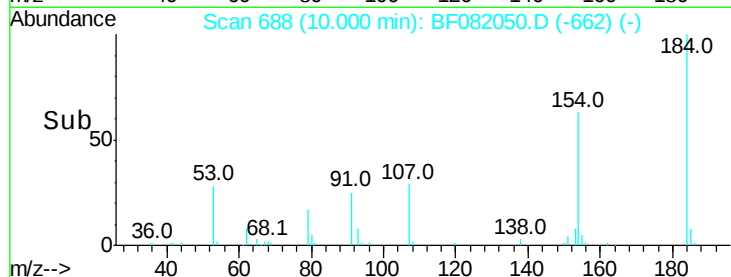
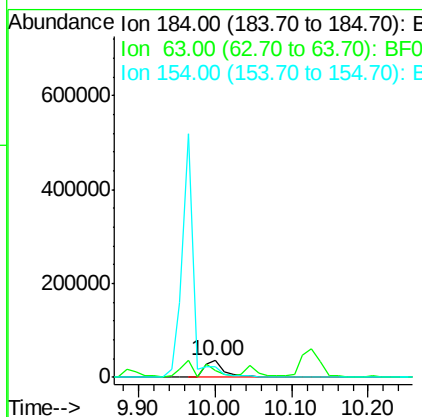
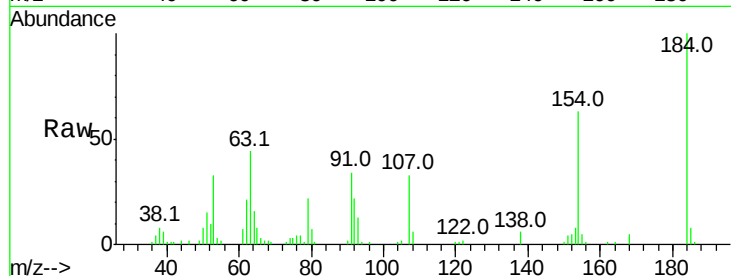
#53
2,4-Dinitrophenol
Concen: 51.80 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.7	35.4	53.2
154	63.5	32.2	48.4#

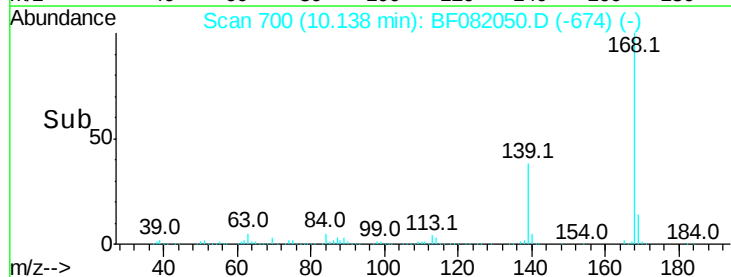
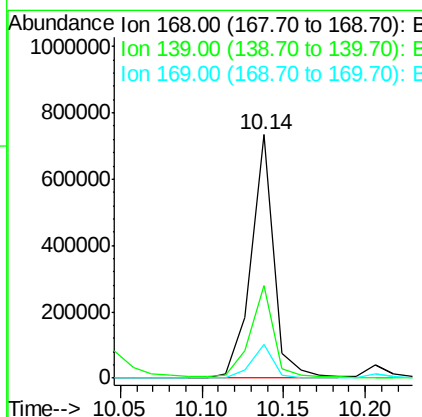
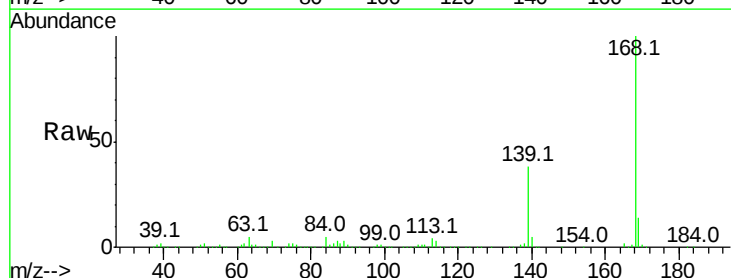
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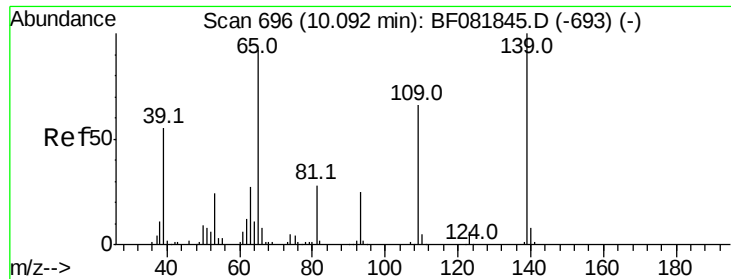
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#54
Dibenzofuran
Concen: 37.43 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	24.2	36.2#
169	13.6	10.6	15.8





#55

4-Nitrophenol

Concen: 36.41 ng

RT: 10.05 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

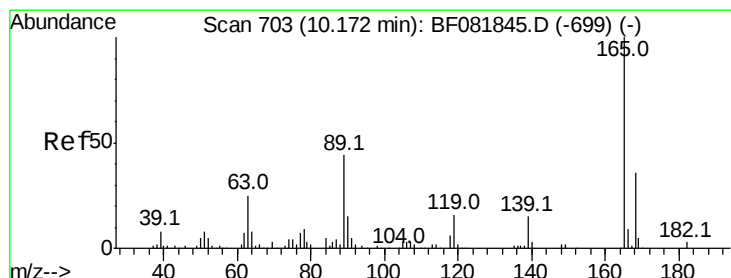
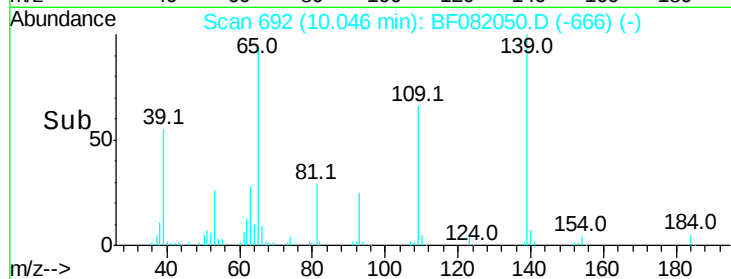
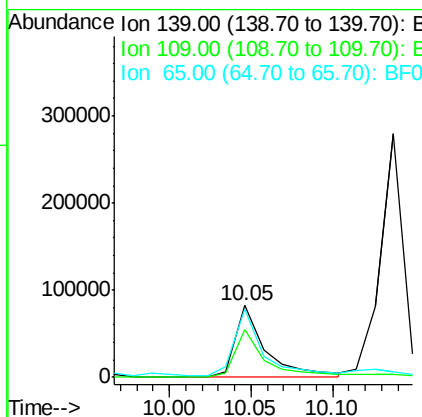
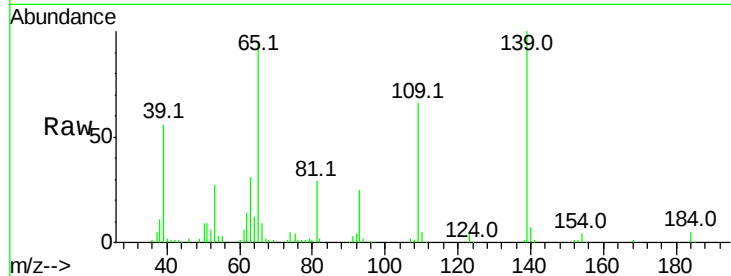
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	66.1	12.7	52.7#		
65	94.8	45.9	85.9#		

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#56

2,4-Dinitrotoluene

Concen: 42.07 ng

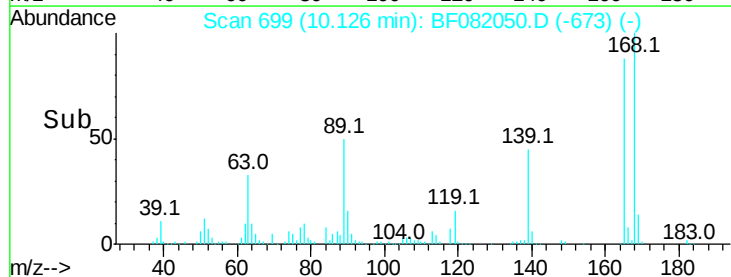
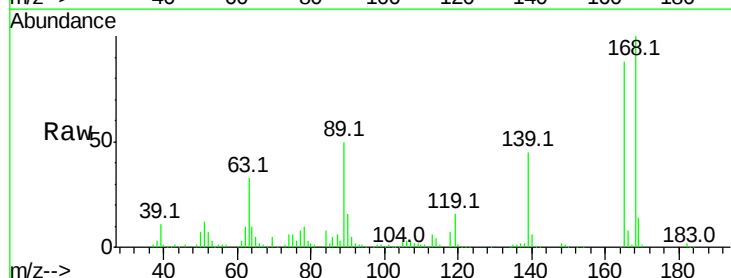
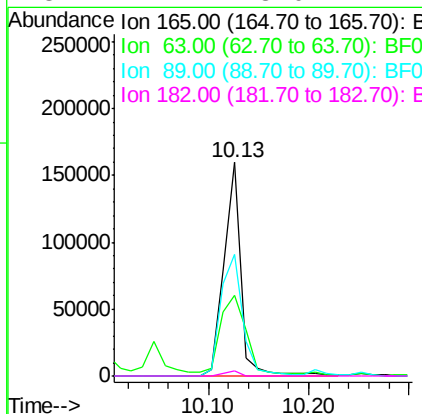
RT: 10.13 min Scan# 699

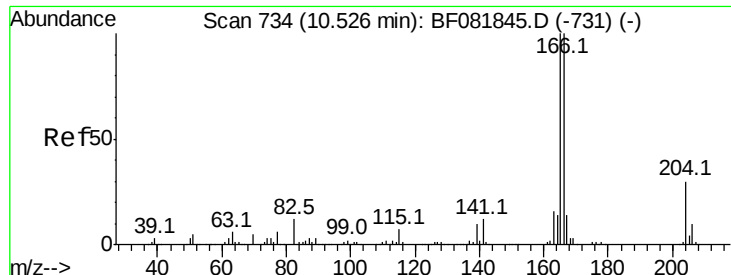
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	37.9	29.8	44.6		
89	56.7	44.5	66.7		
182	2.4	3.0	4.4#		





#57

Fluorene

Concen: 43.18 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

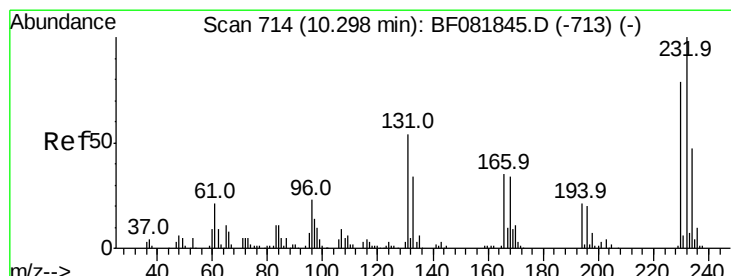
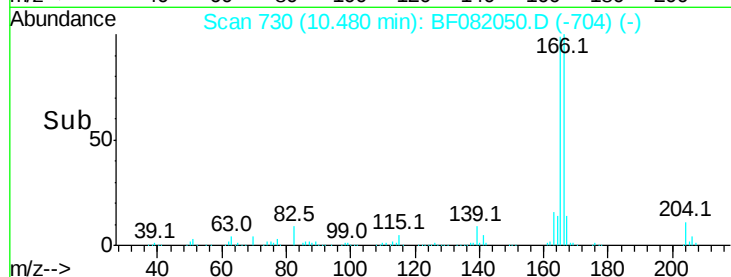
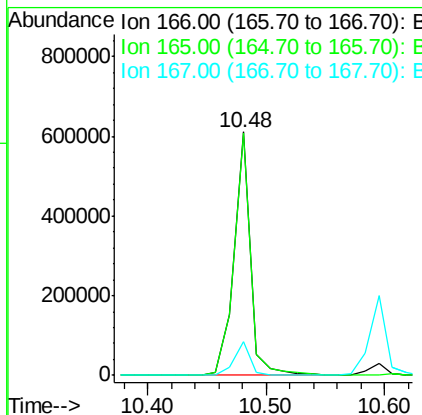
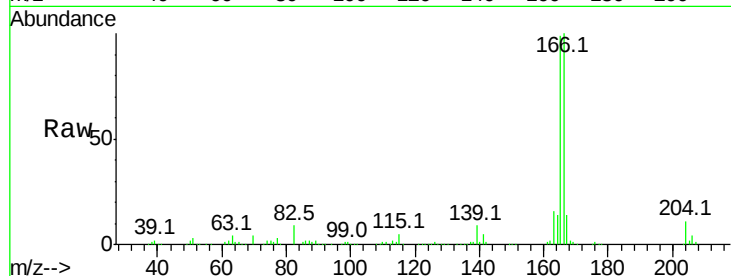
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	592291
Ion Ratio	Lower	Upper	
166	100		
165	99.5	72.6	109.0
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.17 ng

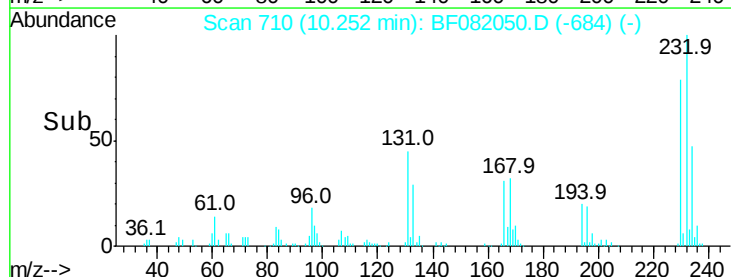
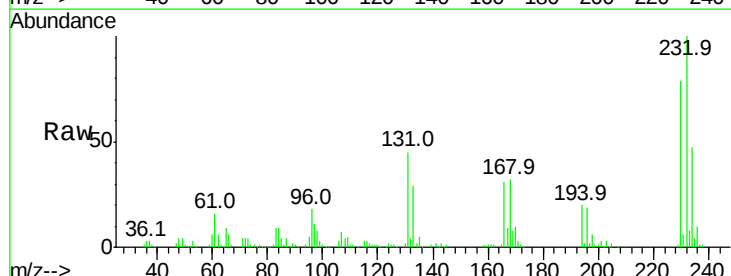
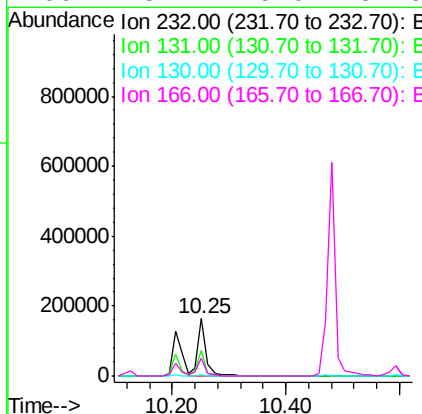
RT: 10.25 min Scan# 710

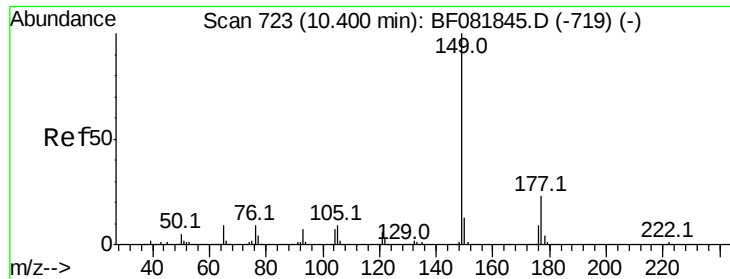
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	232	Resp:	170312
Ion Ratio	Lower	Upper	
232	100		
131	43.0	38.5	57.7
130	1.8	1.8	2.6
166	28.7	25.0	37.6





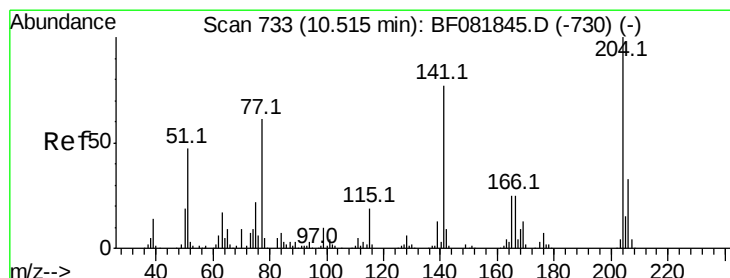
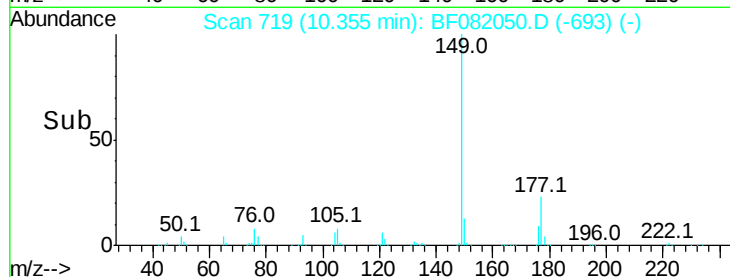
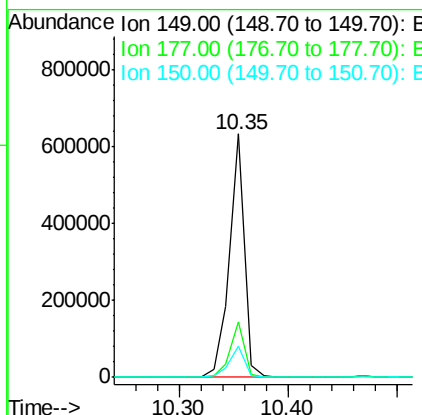
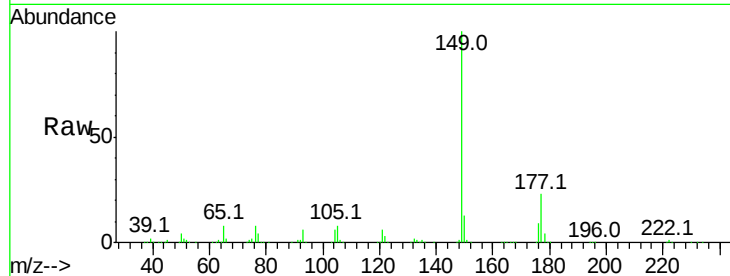
#59
Diethylphthalate
Concen: 39.94 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	605707		
177	23.0		17.5	26.3
150	12.8		9.4	14.2

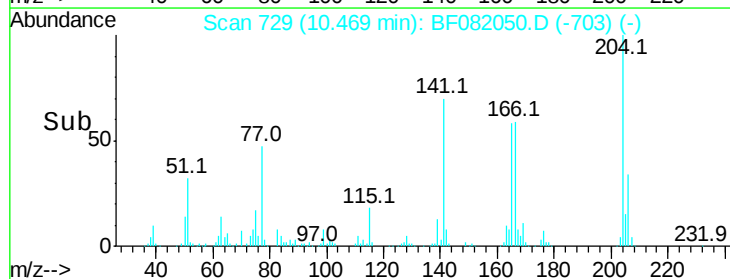
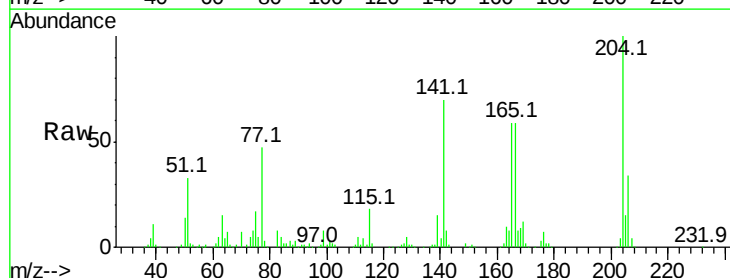
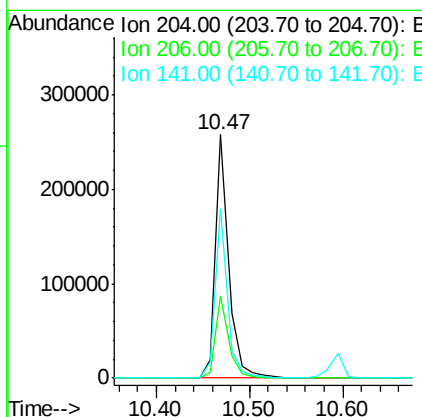
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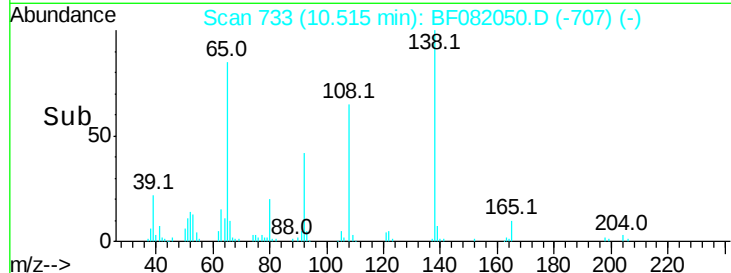
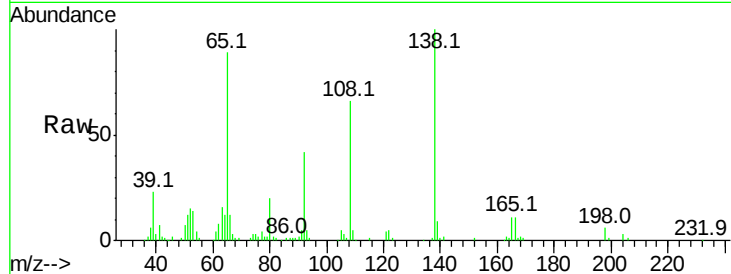
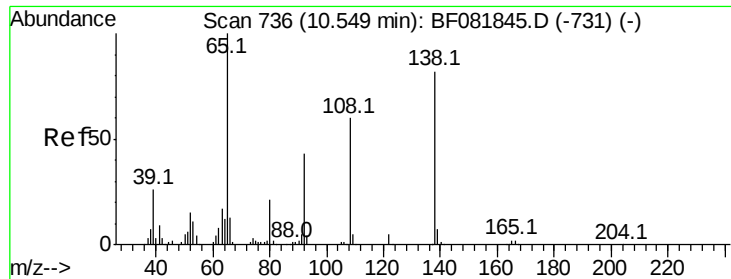
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 36.36 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	254810		
206	34.0		24.8	37.2
141	69.8		42.2	63.4





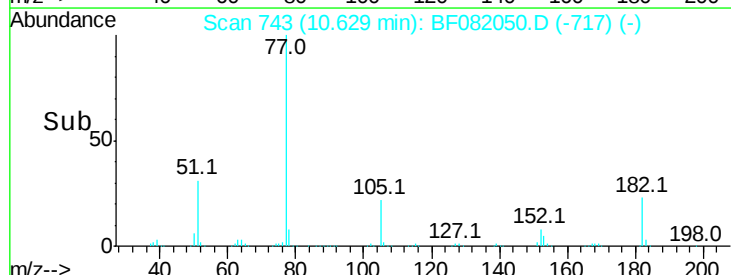
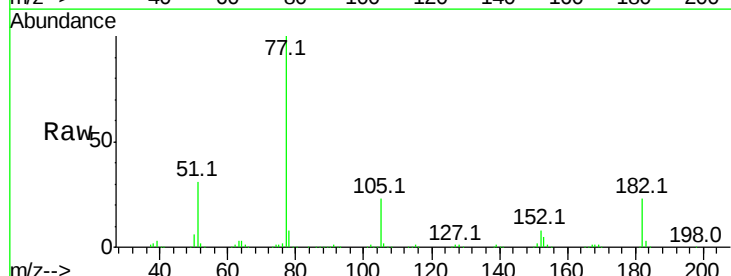
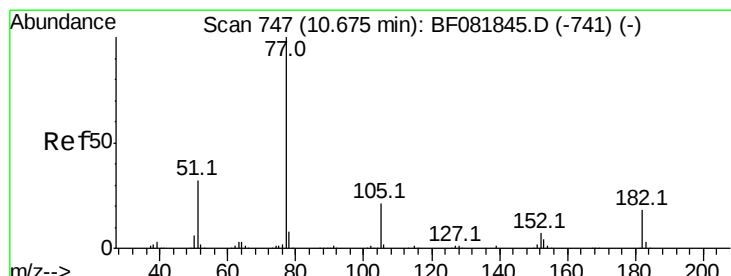
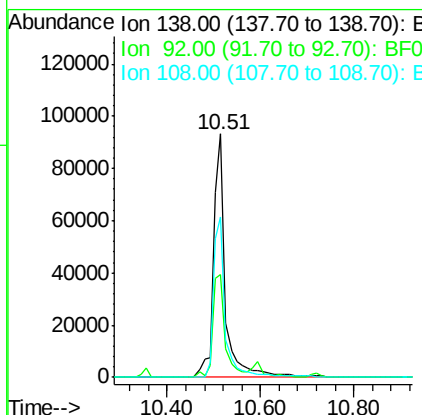
#61
4-Nitroaniline
Concen: 40.92 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tot Ion	Ratio	Resp	Lower	Upper
138	100	167337		
92	42.0		12.6	52.6
108	65.7		12.4	52.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

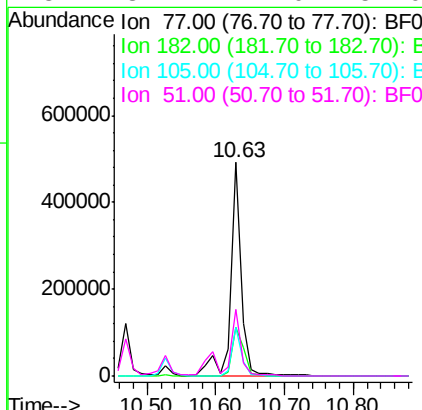
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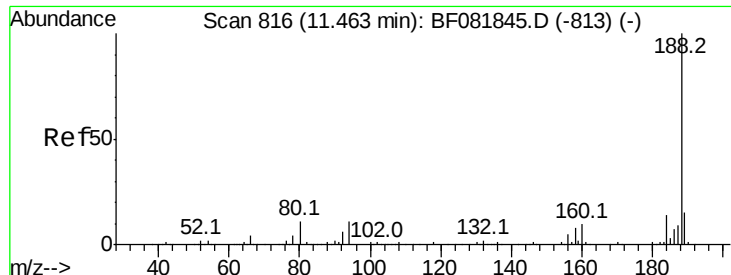
MMDadoda
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#62
Azobenzene
Concen: 36.59 ng
RT: 10.63 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	541652		
182	23.0		15.1	55.1
105	22.5		3.4	43.4
51	31.2		12.0	52.0





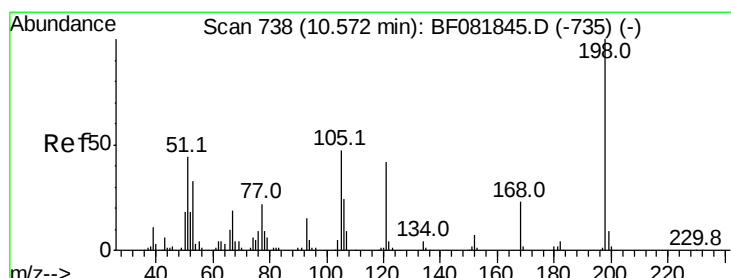
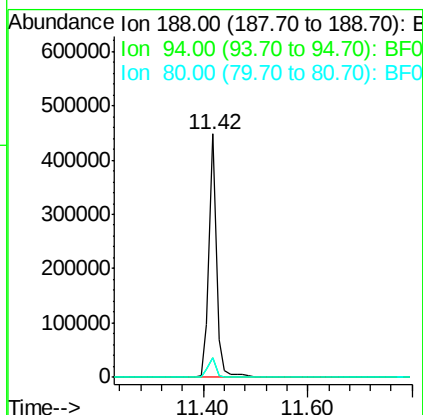
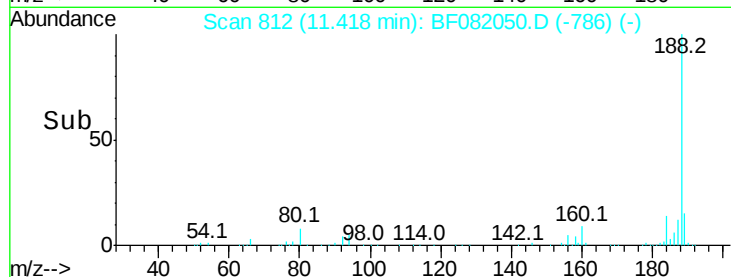
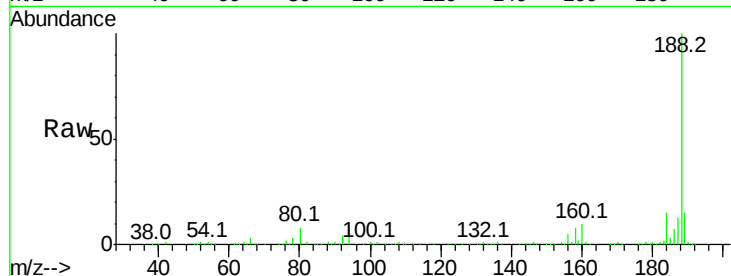
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.8	11.1	16.7#	
80	8.1	11.0	16.4#	

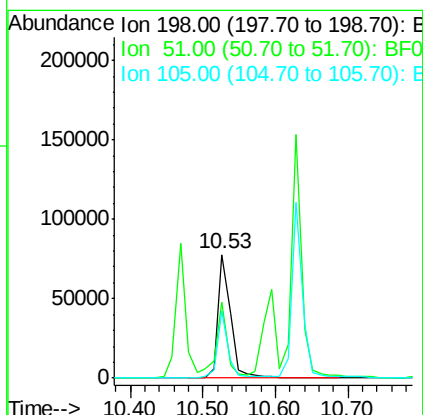
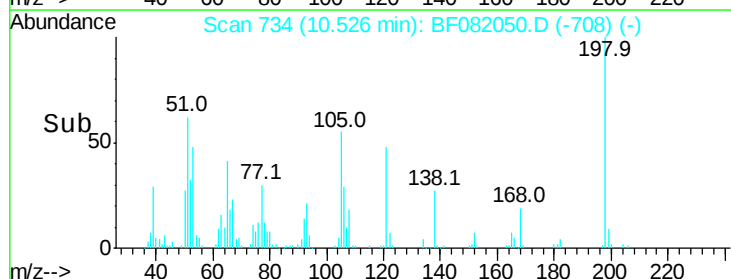
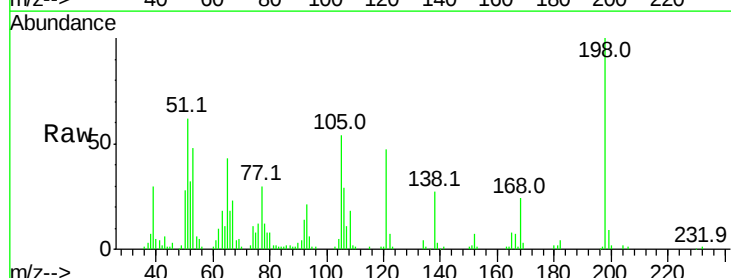
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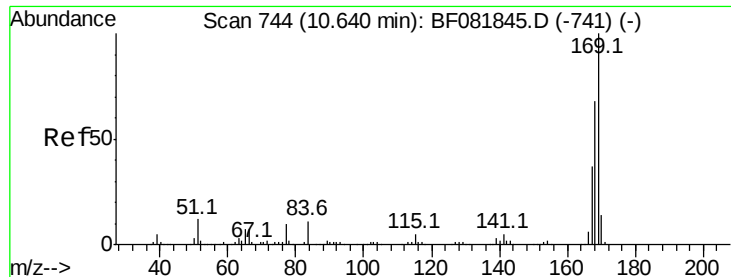
MMDadoda
10/6/2015 2:55:28 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.69 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	61.7	39.6	79.6	
105	54.4	28.5	68.5	





#65

n-Nitrosodiphenylamine

Concen: 39.43 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

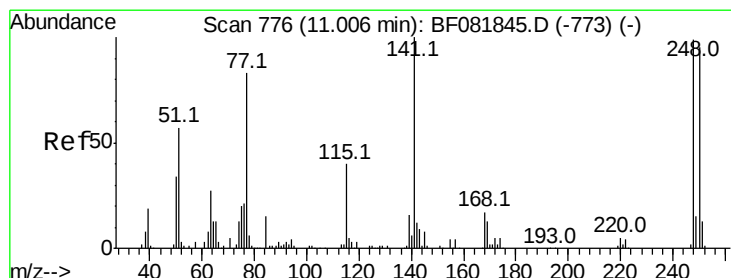
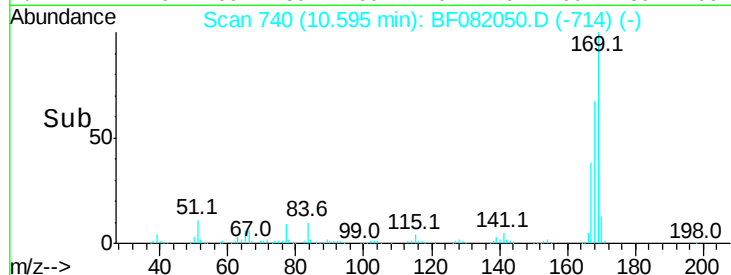
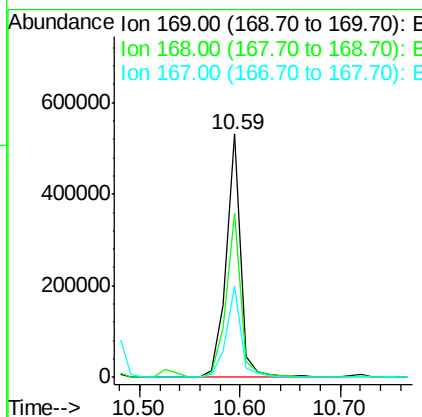
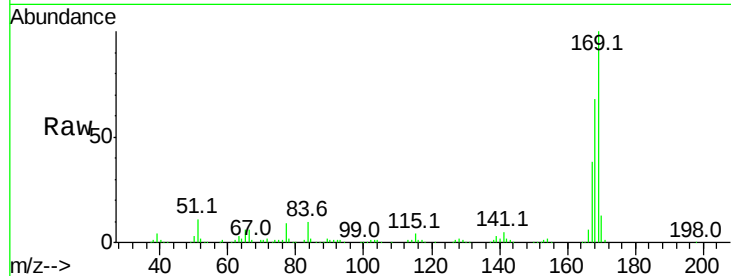
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	169	Resp:	537793
Ion Ratio	Lower	Upper	
169	100		
168	67.6	48.9	73.3
167	37.6	26.2	39.4



#66

4-Bromophenyl-phenylether

Concen: 38.36 ng

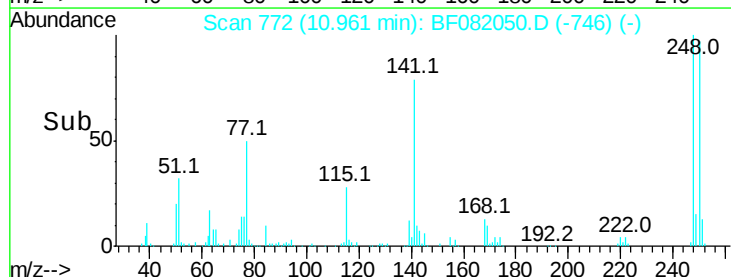
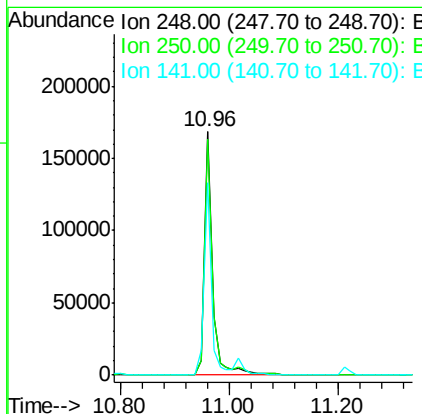
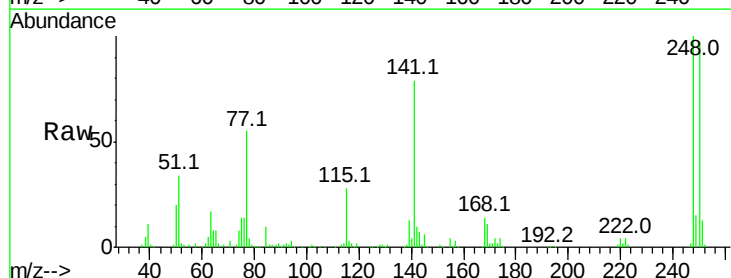
RT: 10.96 min Scan# 772

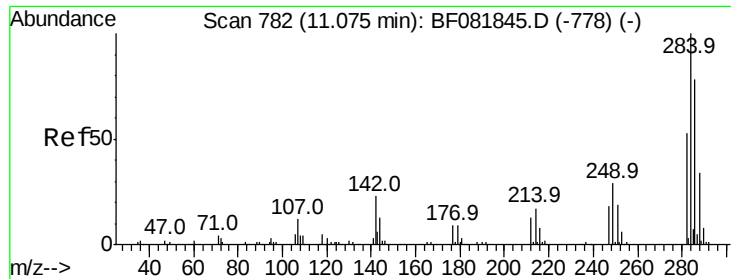
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	248	Resp:	174335
Ion Ratio	Lower	Upper	
248	100		
250	97.0	78.5	117.7
141	78.9	59.0	88.6





#67

Hexachlorobenzene

Concen: 35.07 ng

RT: 11.02 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

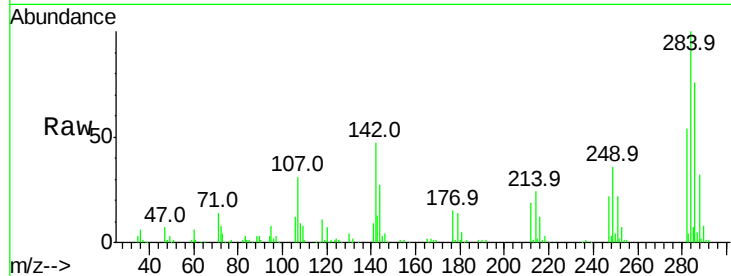
ClientSampleId :

SSTDCCC040EC

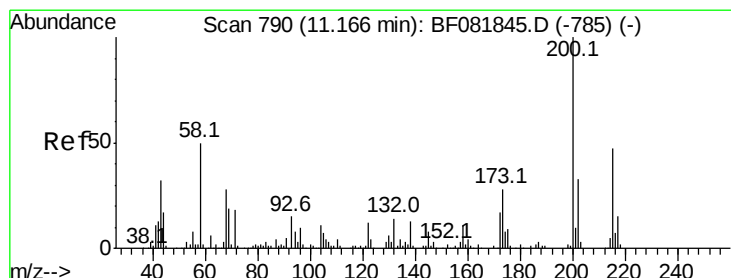
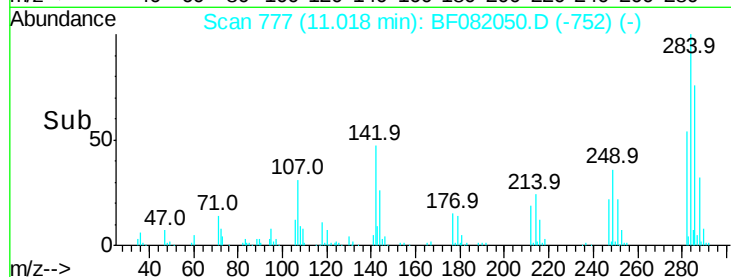
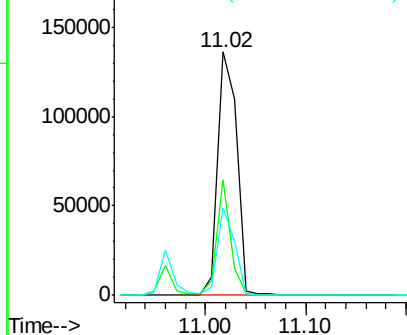
Tot Ion:	284	Resp:	179879
Ion Ratio		Lower	Upper
284	100		
142	47.2	29.5	44.3#
249	36.0	19.5	29.3#

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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: 38.06 ng

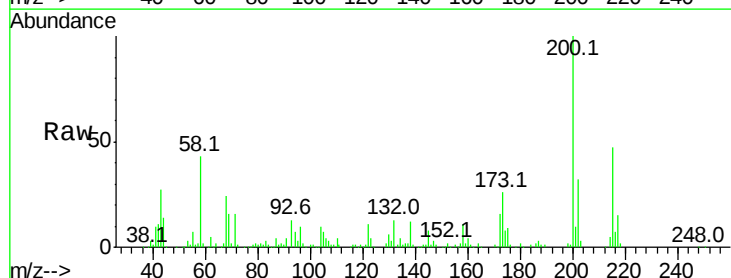
RT: 11.12 min Scan# 786

Delta R.T. -0.00 min

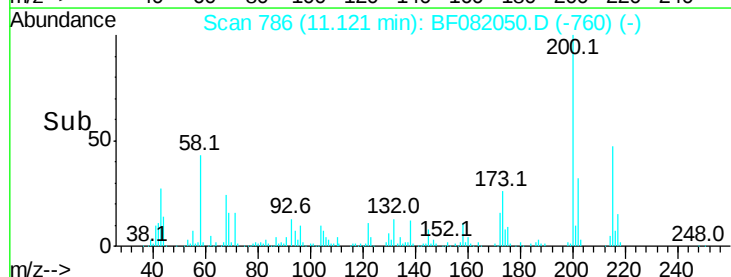
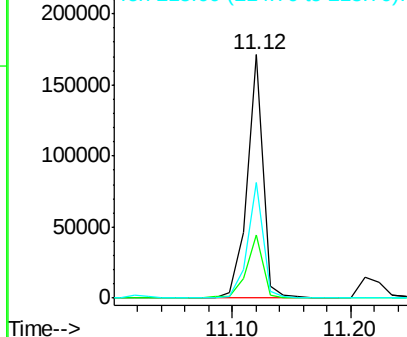
Lab File: BF082050.D

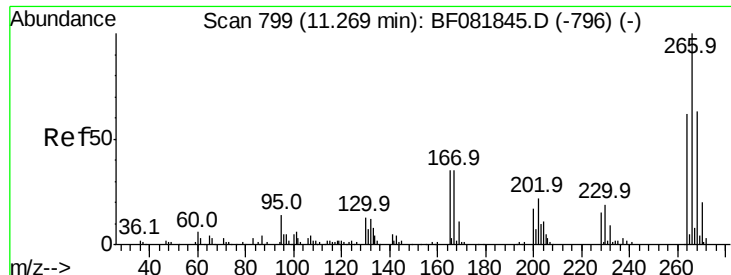
Acq: 5 Oct 2015 17:25

Tgt Ion:	200	Resp:	161050
Ion Ratio		Lower	Upper
200	100		
173	26.1	13.2	53.2
215	47.4	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





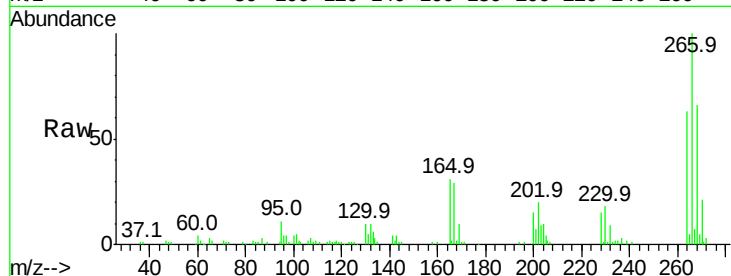
#69
 Pentachlorophenol
 Concen: 37.47 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

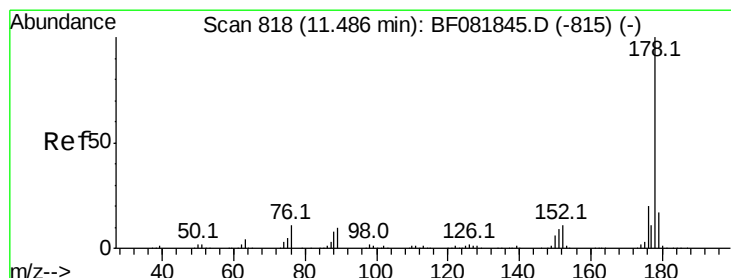
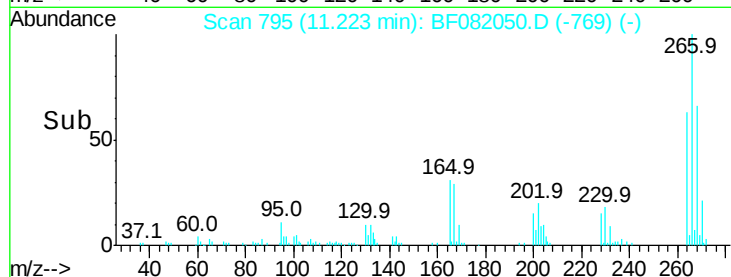
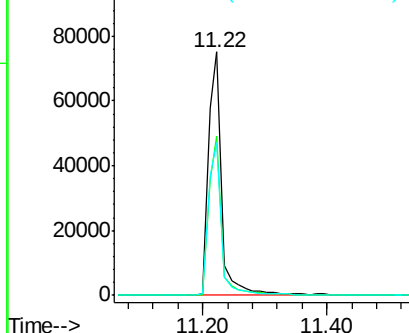
Tot Ion	Ratio	Resp	Lower	Upper
266	100	109511		
268	65.6	49.8	74.6	
264	62.6	50.2	75.2	

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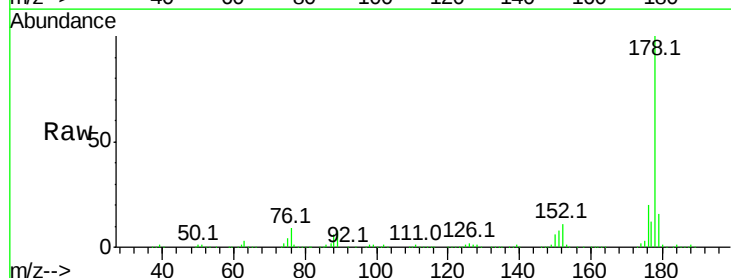


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

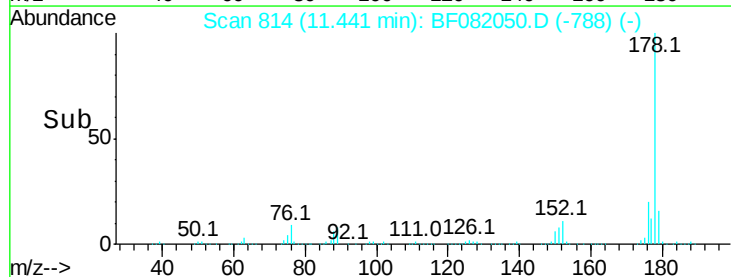
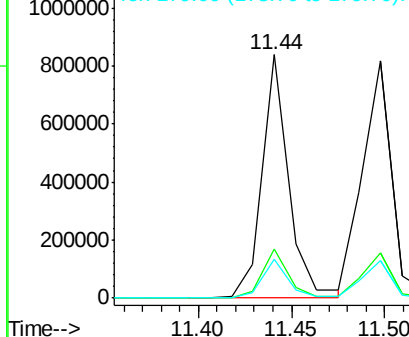


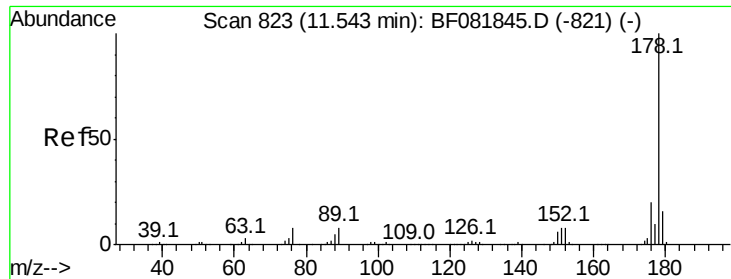
#70
 Phenanthrene
 Concen: 37.73 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	824390		
176	20.2	13.8	20.8	
179	16.1	12.2	18.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





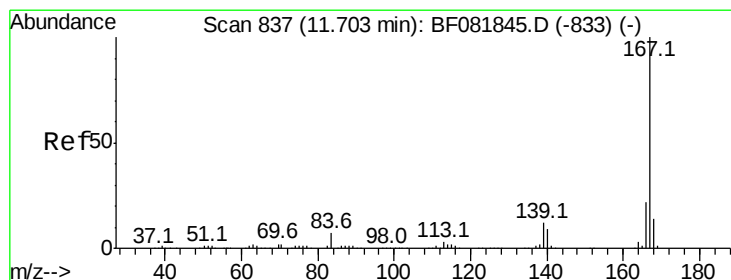
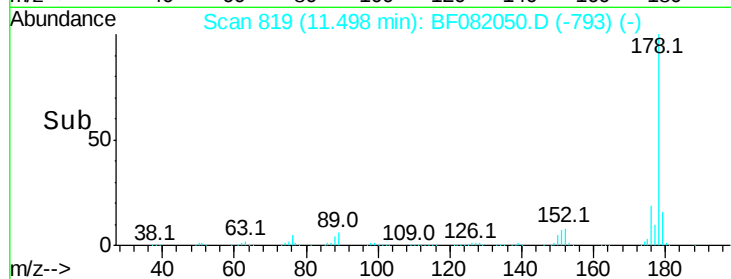
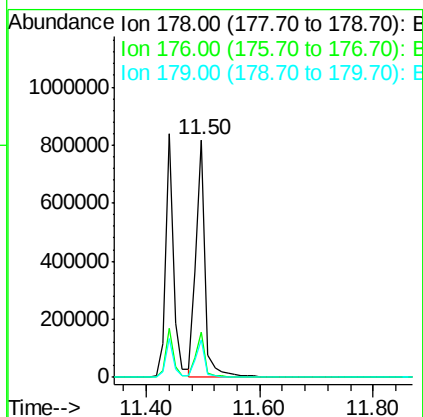
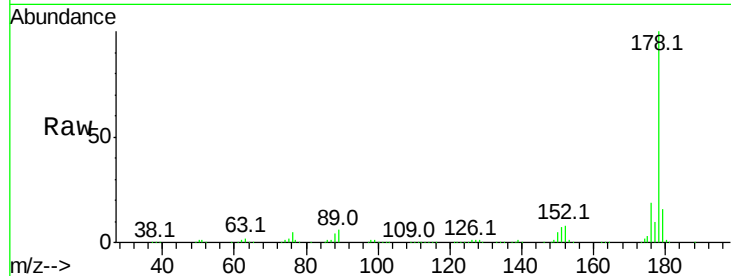
#71
 Anthracene
 Concen: 40.69 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.6	12.2	18.2

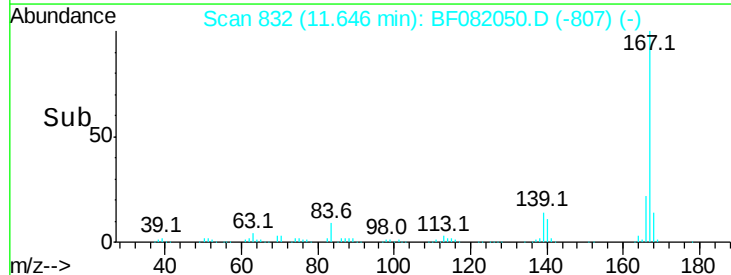
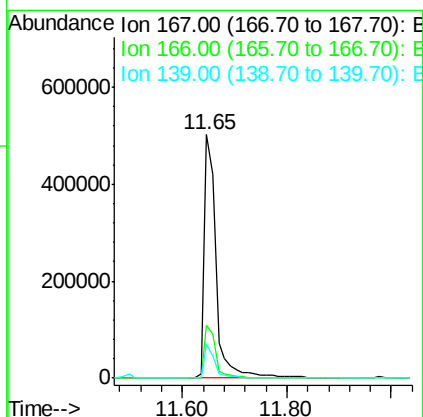
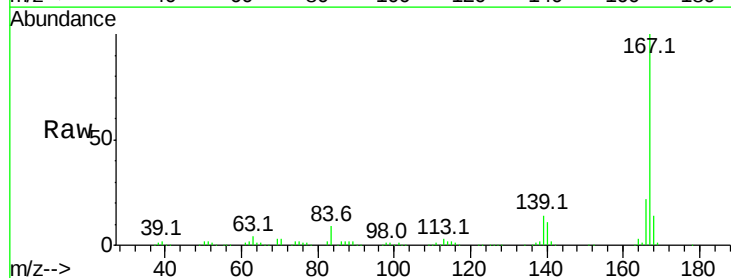
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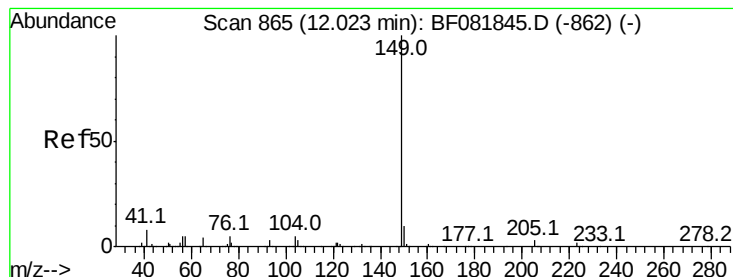
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#72
 Carbazole
 Concen: 38.40 ng
 RT: 11.65 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	15.7	23.5
139	14.0	9.5	14.3





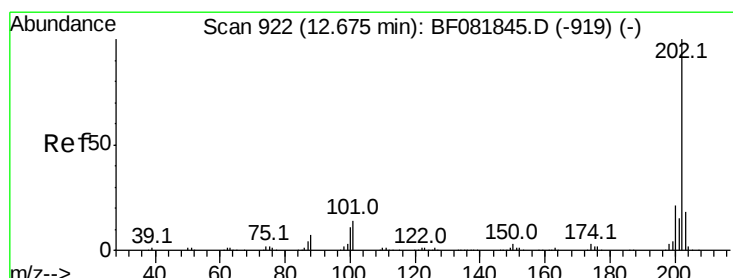
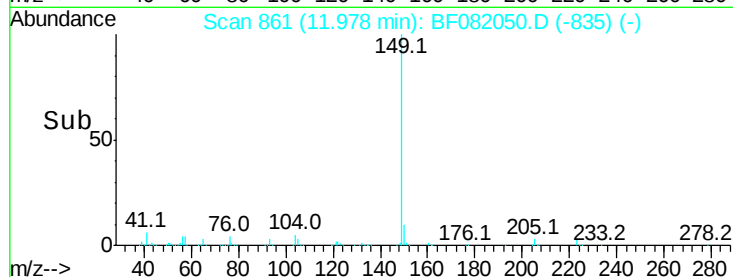
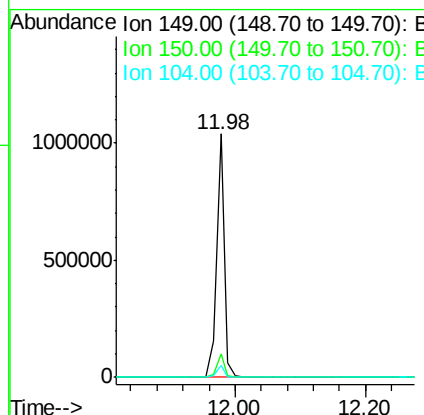
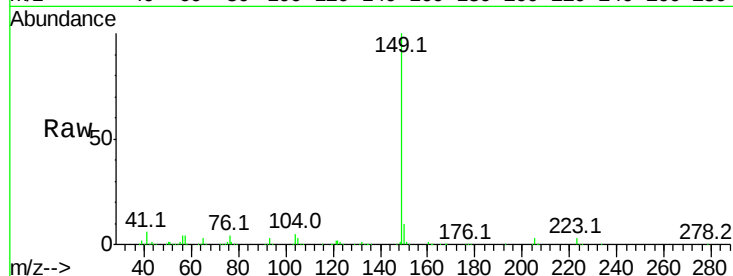
#73
Di-n-butylphthalate
Concen: 41.70 ng
RT: 11.98 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.8	7.4	11.2
104	4.7	2.4	3.6

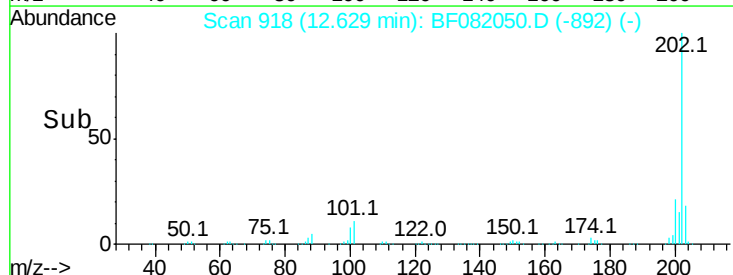
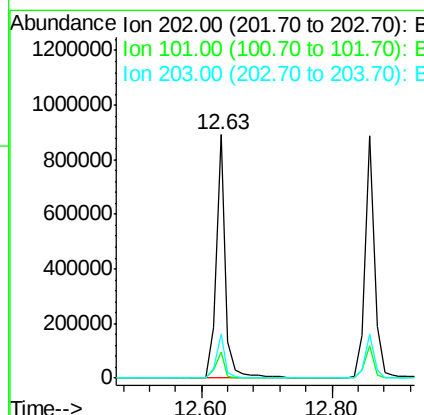
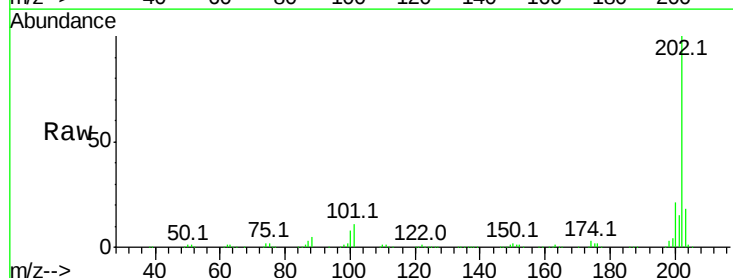
Manual Integrations
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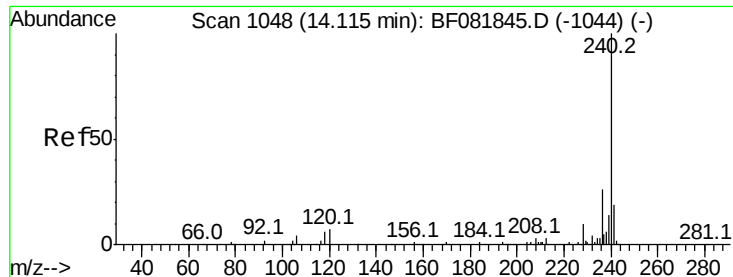
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#74
Fluoranthene
Concen: 37.13 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	38.3
203	18.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

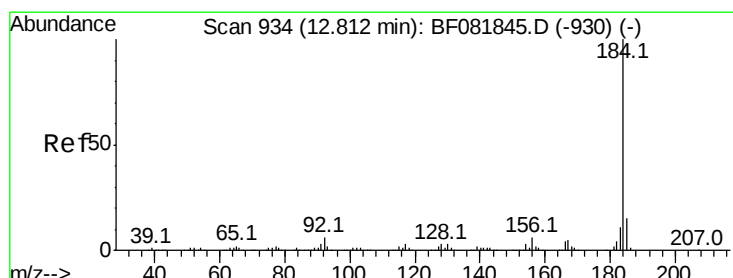
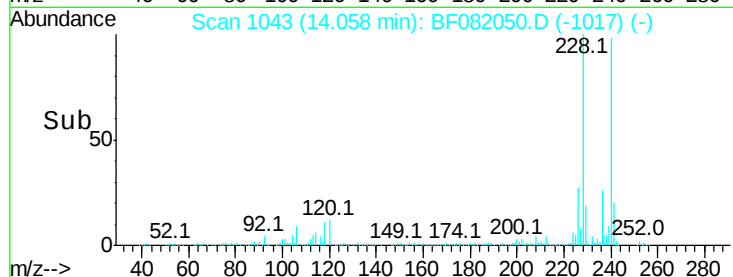
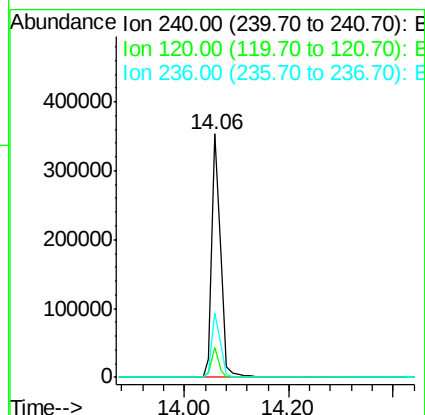
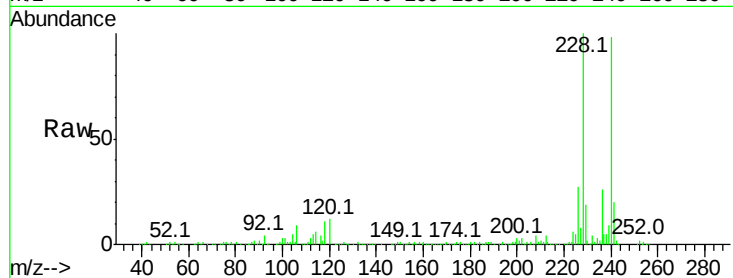
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	406118
Ion Ratio	Lower	Upper	
240	100		
120	12.4	16.2	24.2#
236	26.3	18.4	27.6

Manual Integrations
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#76

Benzidine

Concen: 39.22 ng

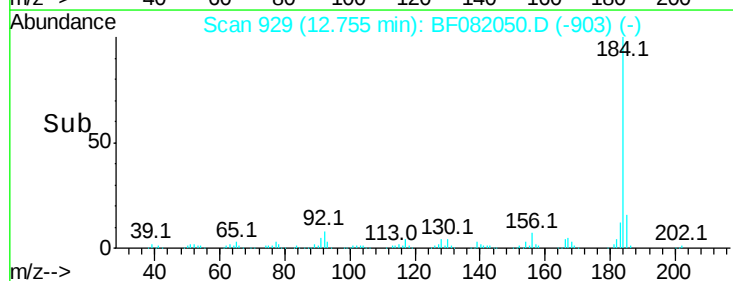
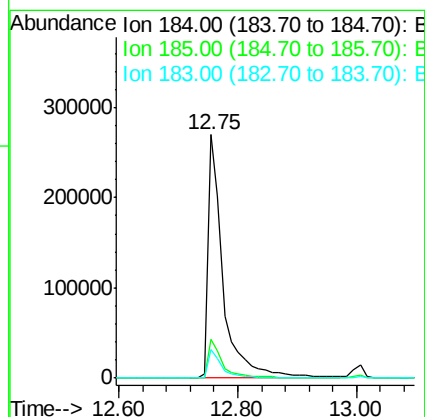
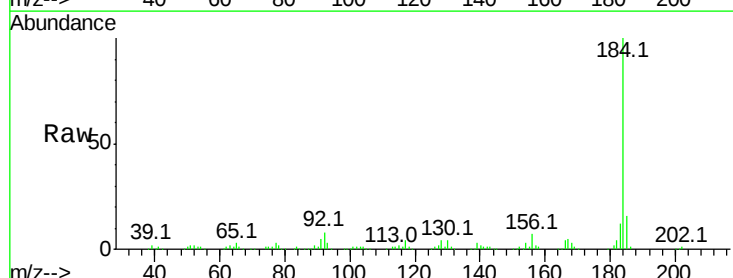
RT: 12.75 min Scan# 929

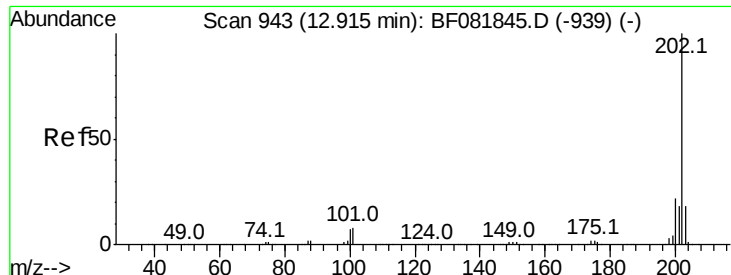
Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Tgt Ion:	184	Resp:	479918
Ion Ratio	Lower	Upper	
184	100		
185	16.1	11.8	17.6
183	11.6	7.6	11.4#





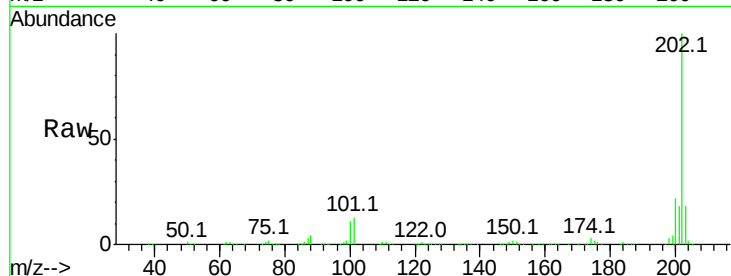
#77
Pvrene
Concen: 36.03 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	15.0	22.4
203	18.2	14.1	21.1

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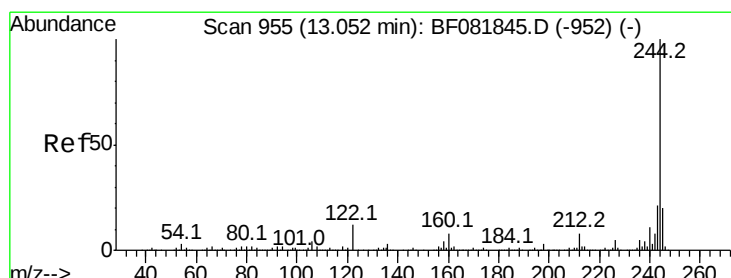
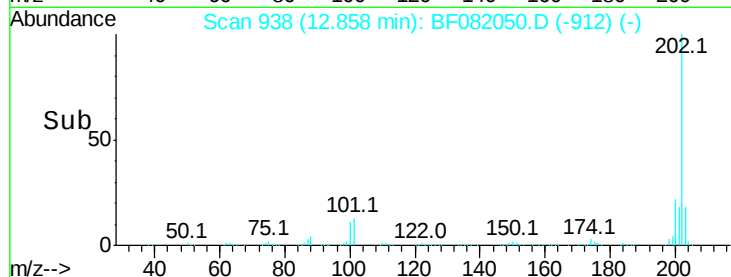
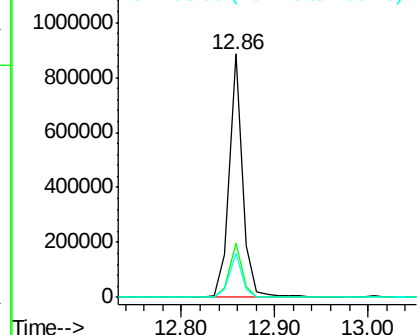


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 94.05 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

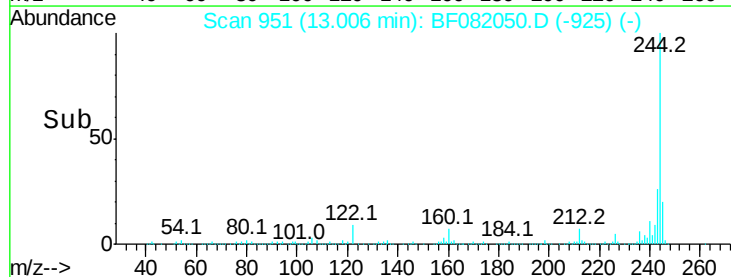
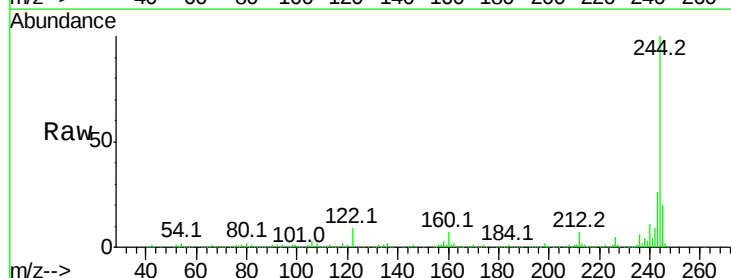
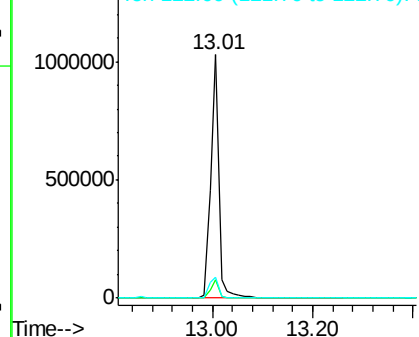
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	8.7	17.4	26.2#

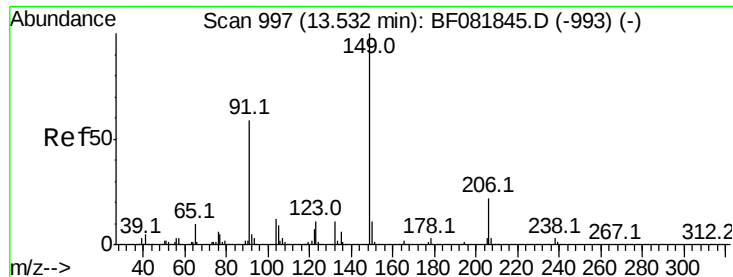
Abundance

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





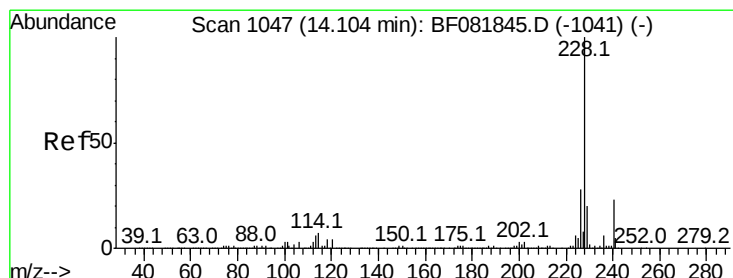
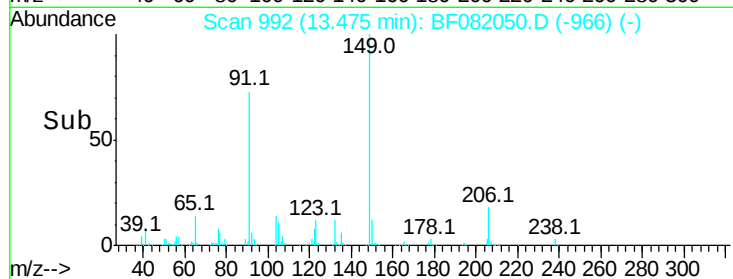
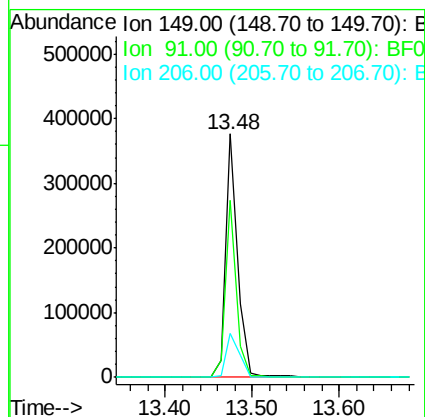
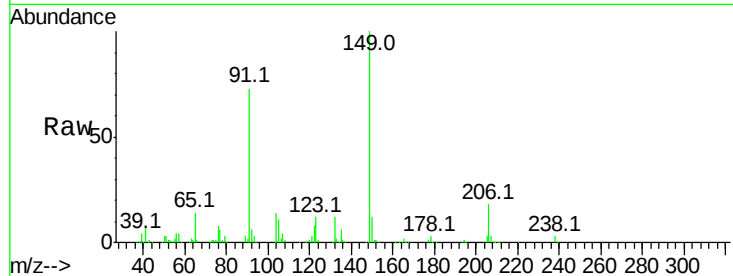
#79
Butylbenzylphthalate
Concen: 40.10 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	366104		
91	72.9	48.6	72.8#	
206	18.2	14.9	22.3	

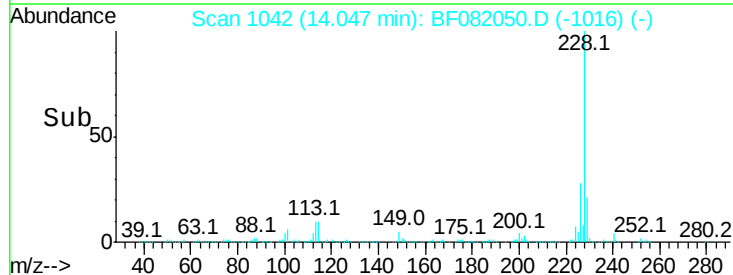
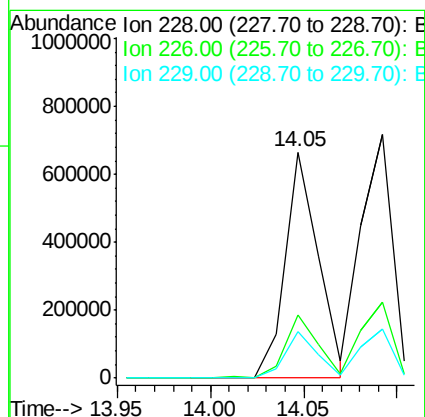
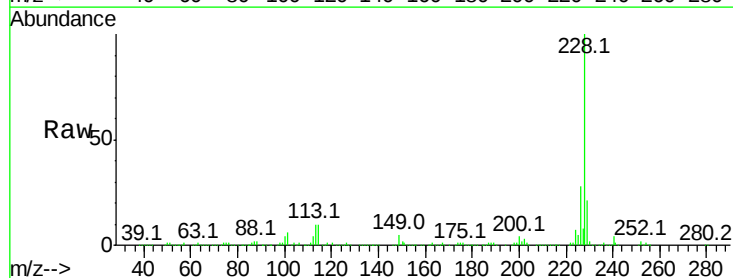
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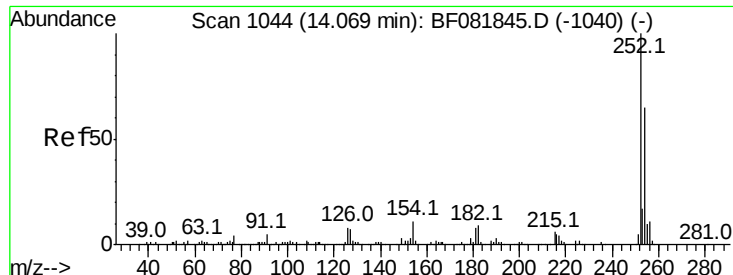
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10/6/2015 2:55:28 PM



#80
Benzo(a)anthracene
Concen: 37.84 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	827512		
226	28.2	20.0	30.0	
229	20.6	15.4	23.2	





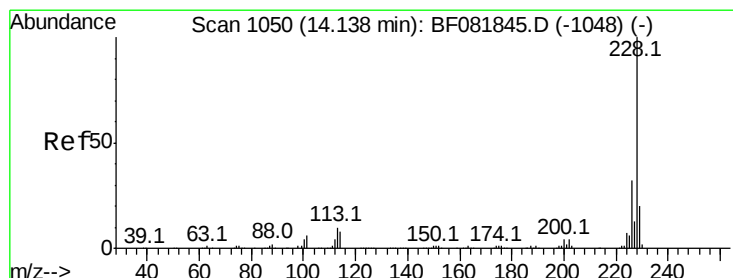
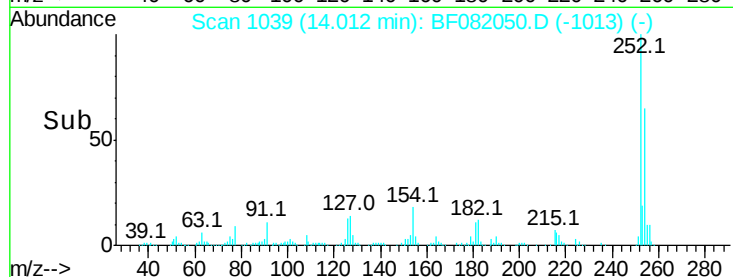
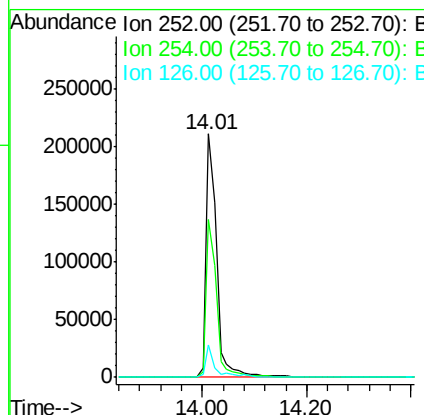
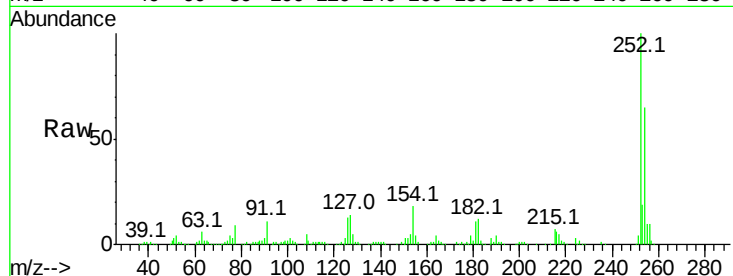
#81
 3,3'-Dichlorobenzidine
 Concen: 40.43 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	51.4	77.2
126	13.4	16.4	24.6

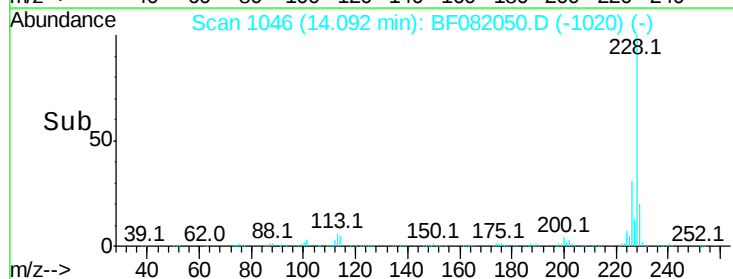
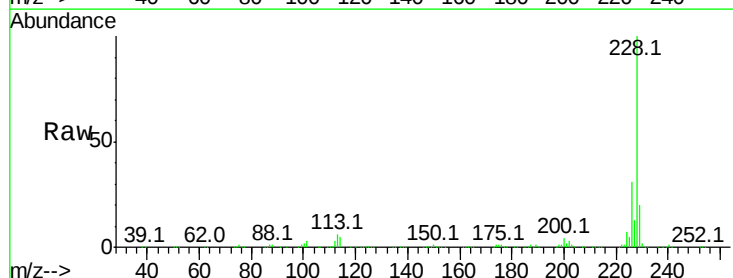
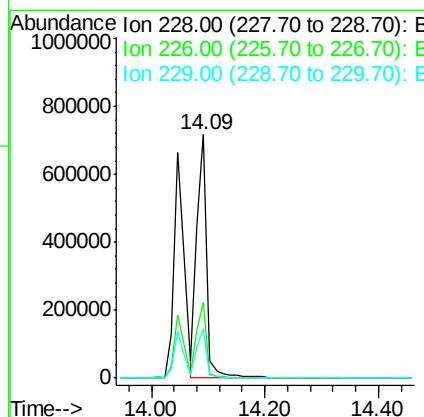
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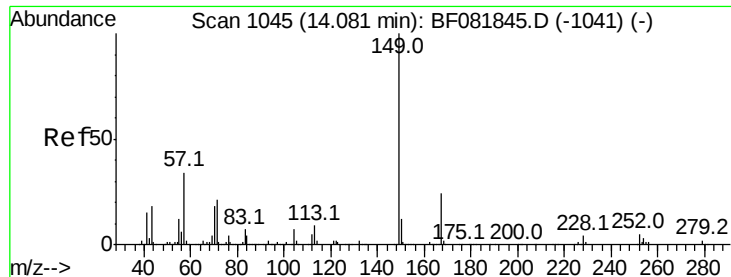
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#82
 Chrysene
 Concen: 47.99 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	21.0	31.4
229	20.0	15.6	23.4





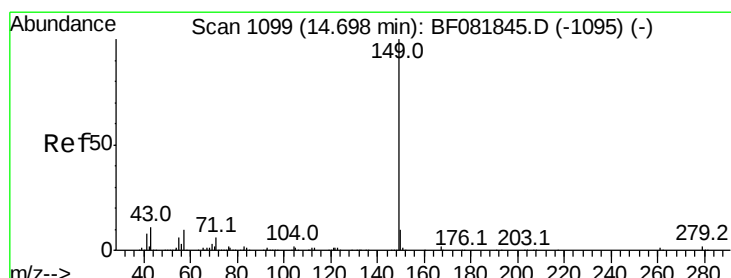
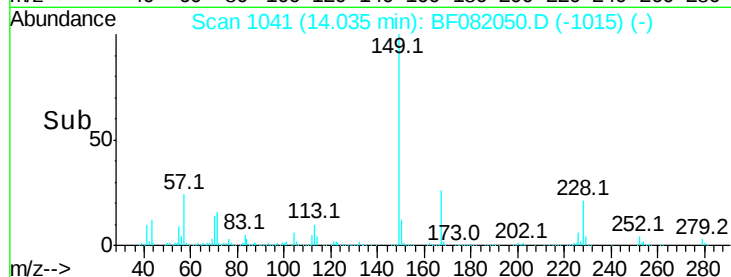
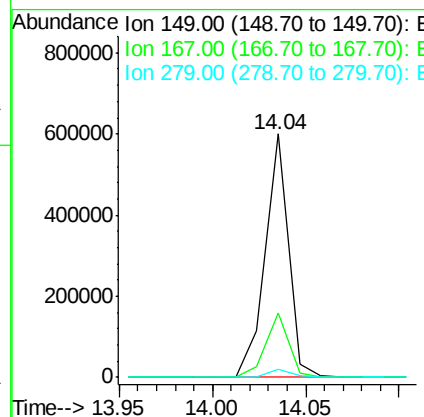
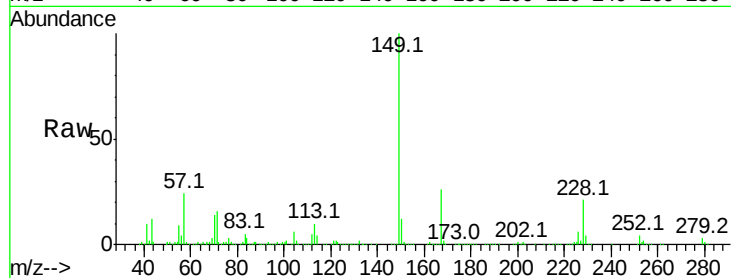
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.22 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	517864		
167	26.2	24.2	36.2	
279	3.2	3.8	5.6	

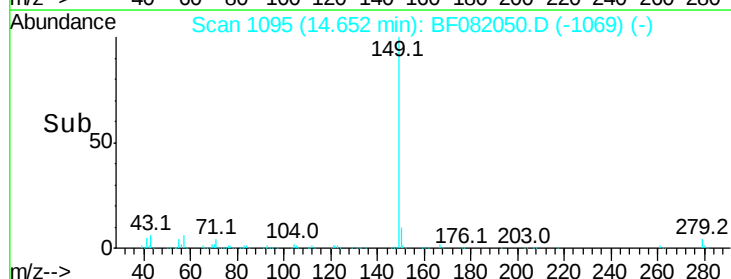
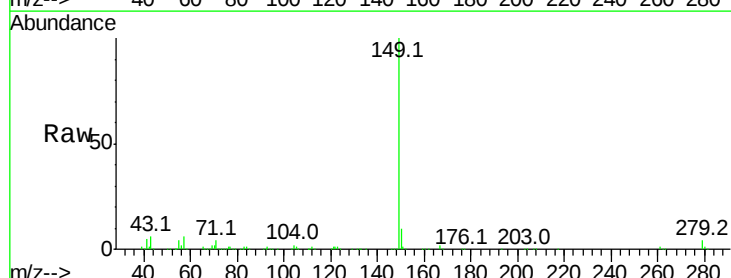
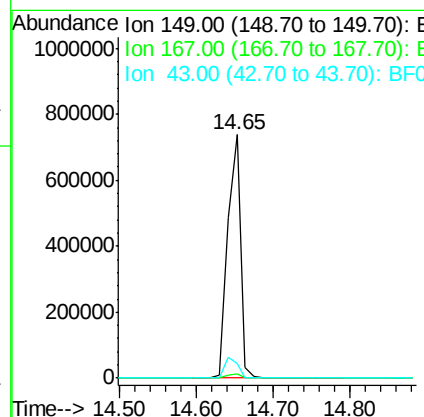
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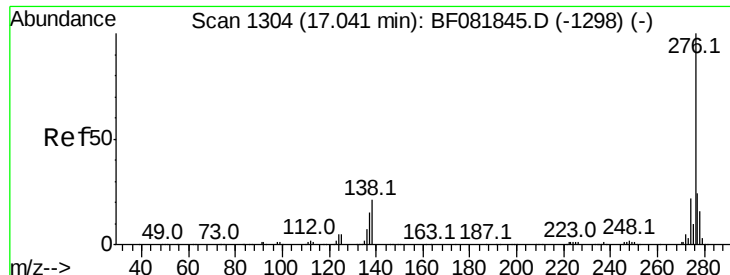
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#84
 Di-n-octyl phthalate
 Concen: 47.16 ng
 RT: 14.65 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	878920		
167	1.5	1.0	1.6	
43	8.9	10.2	15.2	





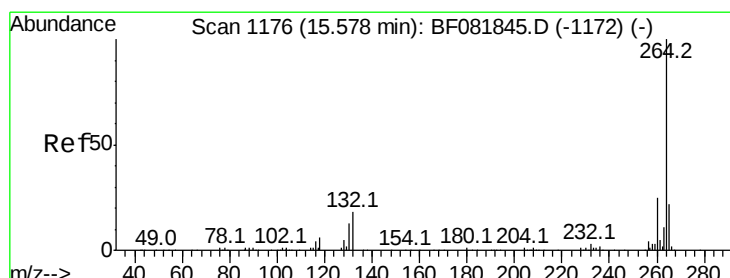
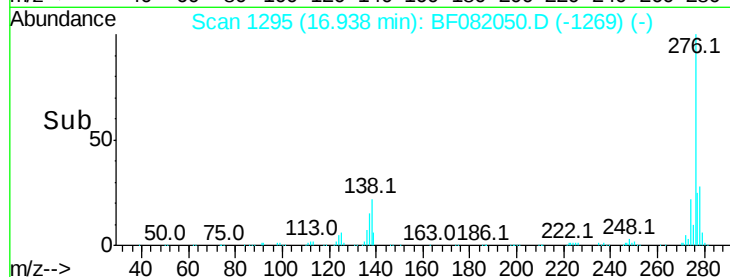
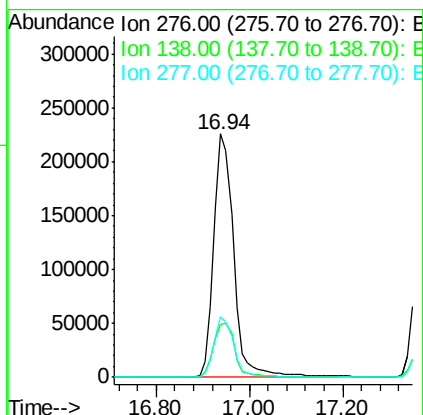
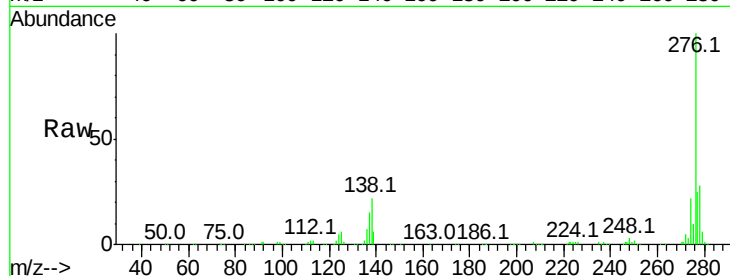
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.44 ng
RT: 16.94 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.7	38.5#
277	24.8	15.6	23.4#

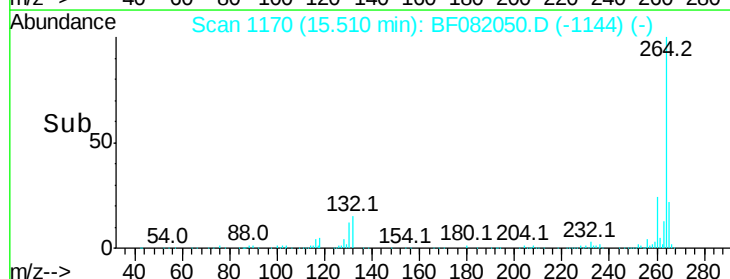
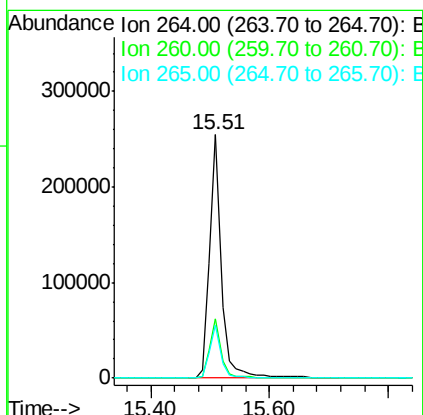
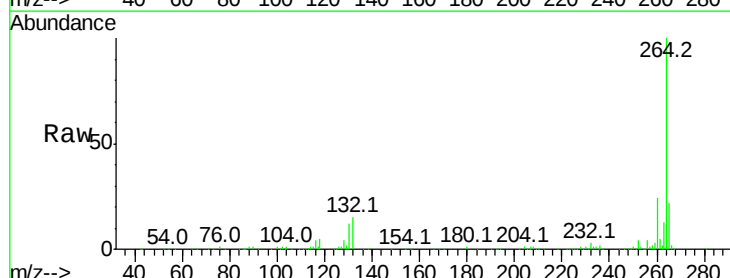
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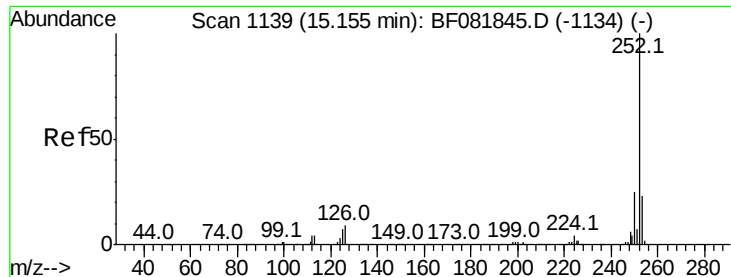
MMDadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.42 ng

RT: 15.09 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF082050.D

Acq: 5 Oct 2015 17:25

Instrument :

BNA_F

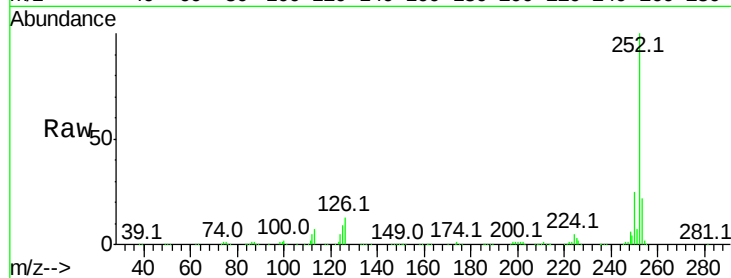
ClientSampleId :

SSTDCCC040EC

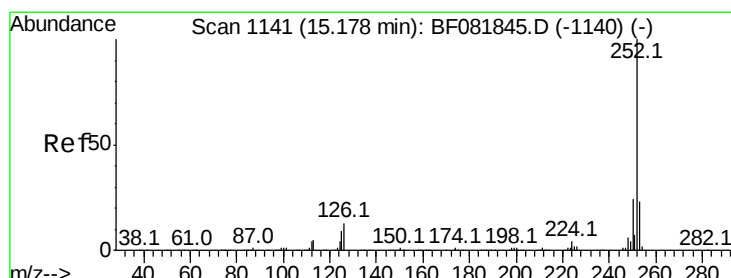
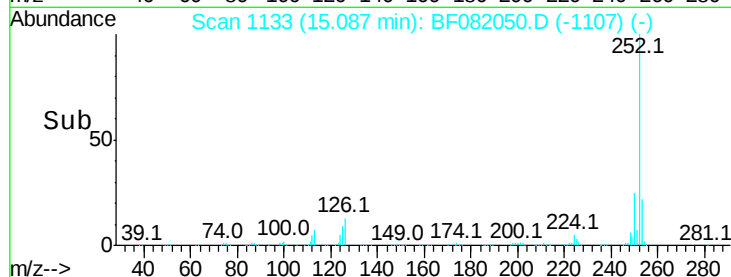
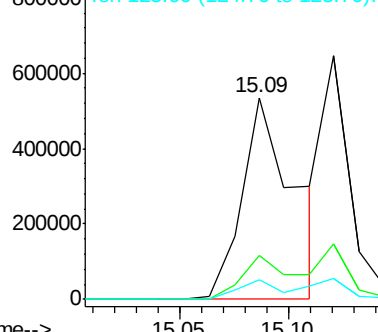
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	17.1	25.7#

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



#88

Benzo(k)fluoranthene

Concen: 48.46 ng

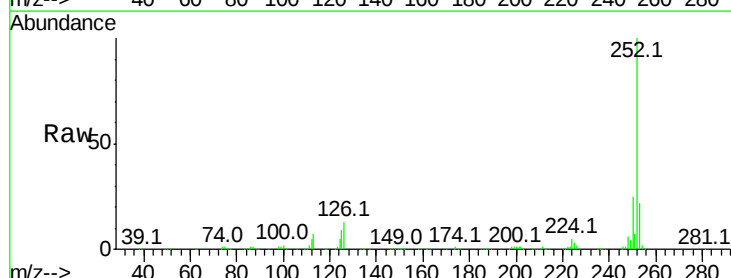
RT: 15.09 min Scan# 1133

Delta R.T. -0.03 min

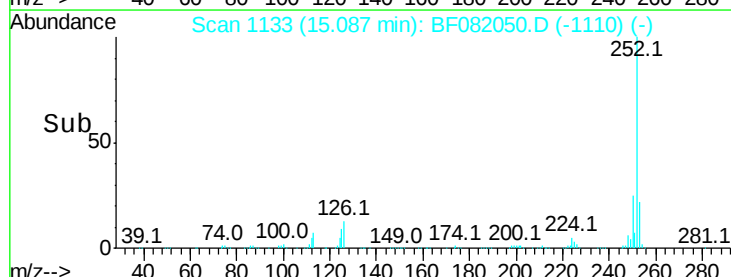
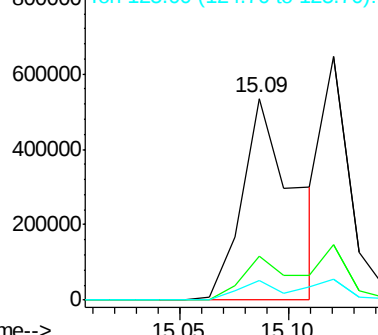
Lab File: BF082050.D

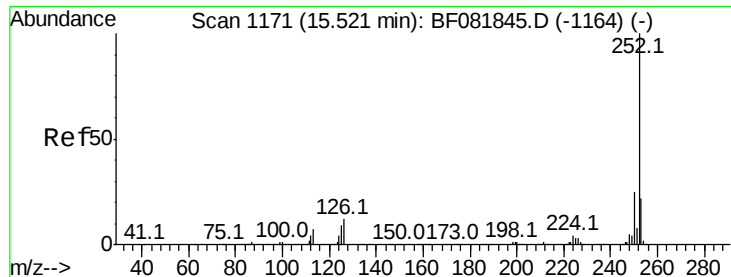
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	9.5	16.0	24.0#



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





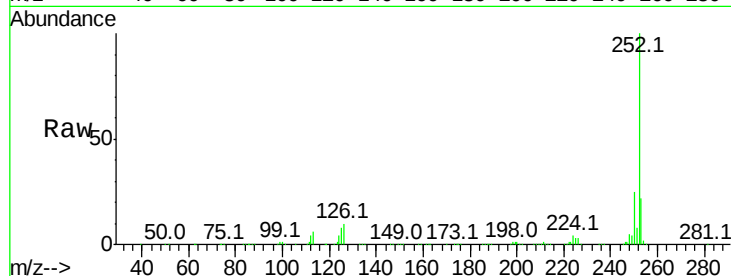
#89
Benzo(a)pyrene
Concen: 39.90 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

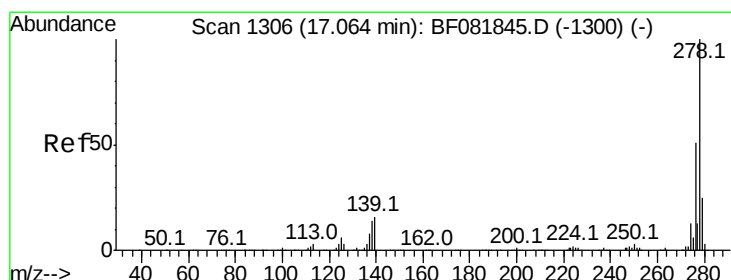
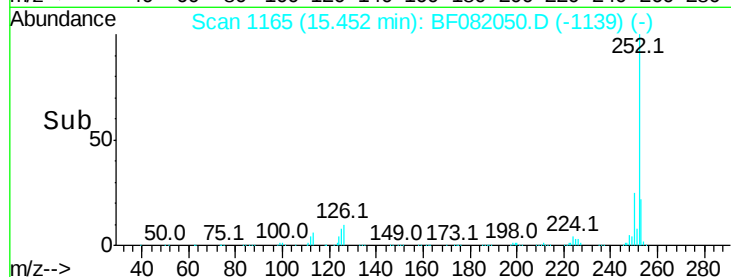
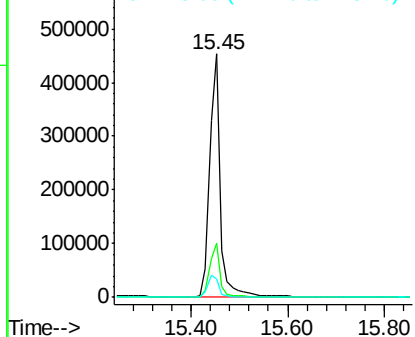
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	7.8	18.0	27.0

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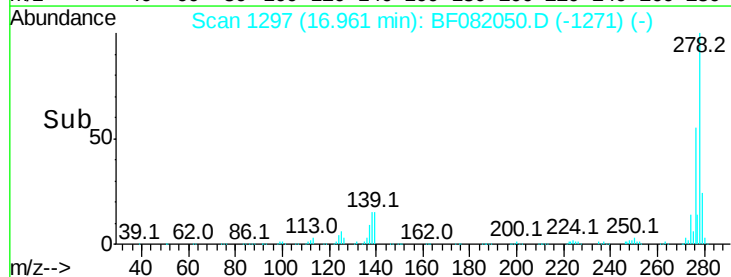
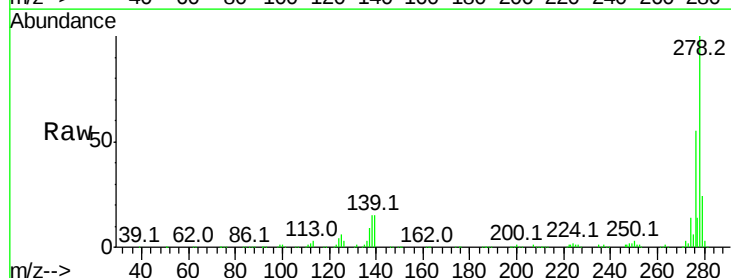
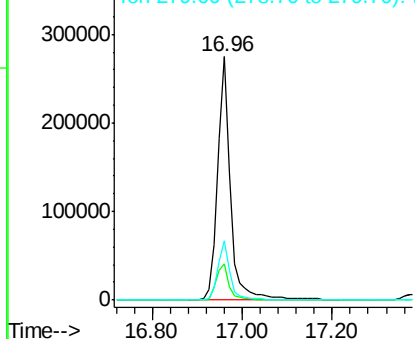
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

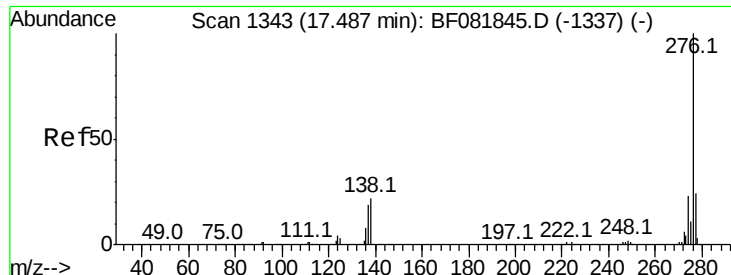


#90
Dibenzo(a,h)anthracene
Concen: 37.68 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF082050.D
Acq: 5 Oct 2015 17:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	26.3	39.5
279	24.4	18.2	27.4

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(a,h,i)perylene
 Concen: 35.12 ng
 RT: 17.37 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF082050.D
 Acq: 5 Oct 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	21.9	34.6	51.8

Manual Integrations
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