

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081859.D
 Acq On : 28 Sep 2015 23:19
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:11:39 PM

Quant Time: Sep 29 04:48:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	100924	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	397448	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	198003	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	369050	20.00	ng	0.00
75) Chrysene-d12	14.12	240	335309	20.00	ng	0.00
86) Perylene-d12	15.58	264	300544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	414266	74.51	ng	0.00
7) Phenol-d6	6.56	99	525783	75.16	ng	0.00
23) Nitrobenzene-d5	7.50	82	454154	76.17	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	150624	75.11	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	940164	78.23	ng	0.00
78) Terphenyl-d14	13.05	244	854208	81.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	93687	38.75	ng	87
3) Pyridine	3.28	79	250192	39.75	ng	89
4) n-Nitrosodimethylamine	3.25	42	105406	36.87	ng	94
6) Aniline	6.59	93	363180	38.64	ng	# 86
8) 2-Chlorophenol	6.71	128	237658	38.71	ng	87
9) Benzaldehyde	6.48	77	180870	39.48	ng	# 80
10) Phenol	6.57	94	293163	37.36	ng	78
11) bis(2-Chloroethyl)ether	6.66	93	227386	37.36	ng	95
12) 1,3-Dichlorobenzene	6.87	146	274795	37.89	ng	# 93
13) 1,4-Dichlorobenzene	6.95	146	290218	38.33	ng	# 94
14) 1,2-Dichlorobenzene	7.10	146	255203m	37.82	ng	
15) Benzyl Alcohol	7.07	79	192167	38.05	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.21	45	326336	37.93	ng	77
17) 2-Methylphenol	7.19	107	189141	38.00	ng	# 87
18) Hexachloroethane	7.44	117	89920	37.93	ng	90
19) n-Nitroso-di-n-propylamine	7.35	70	165313	38.88	ng	# 75
20) 3+4-Methylphenols	7.34	107	249189	39.63	ng	# 67
22) Acetophenone	7.35	105	314990	38.76	ng	# 84
24) Nitrobenzene	7.52	77	268658	41.50	ng	# 72
25) Isophorone	7.76	82	436301	36.92	ng	# 98
26) 2-Nitrophenol	7.84	139	120758	38.86	ng	# 79
27) 2,4-Dimethylphenol	7.87	122	210016	38.41	ng	86
28) bis(2-Chloroethoxy)methane	7.97	93	263292	37.52	ng	# 92
29) 2,4-Dichlorophenol	8.08	162	208011	39.24	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	232285	39.25	ng	98
31) Naphthalene	8.24	128	678159m	38.51	ng	
32) Benzoic acid	7.98	122	104462	34.40	ng	# 70
33) 4-Chloroaniline	8.30	127	299196	39.29	ng	# 94
34) Hexachlorobutadiene	8.35	225	136344	38.95	ng	98
35) Caprolactam	8.66	113	57960	39.49	ng	90
36) 4-Chloro-3-methylphenol	8.77	107	204601	39.47	ng	# 77
37) 2-Methylnaphthalene	8.94	142	463292	38.54	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	230741	37.96	ng	98
40) Hexachlorocyclopentadiene	9.09	237	122554	39.15	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC0040EC

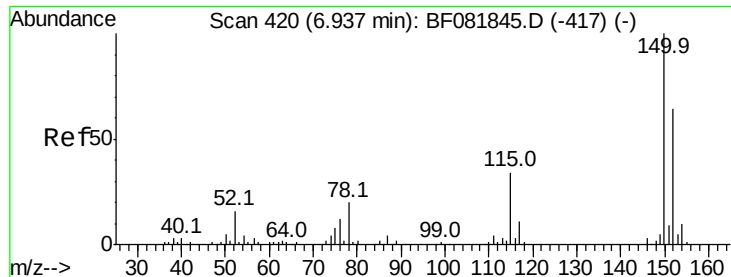
Manual Integrations
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 9/29/2015 12:11:39 PM

Quant Time: Sep 29 04:48:16 2015
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	155429	37.30	nq	100
43) 2,4,5-Trichlorophenol	9.26	196	169172	39.48	nq	# 95
45) 1,1'-Biphenyl	9.39	154	553656	36.24	nq	94
46) 2-Chloronaphthalene	9.43	162	456879	38.09	nq	99
47) 2-Nitroaniline	9.52	65	131007	37.21	nq	# 67
48) Acenaphthylene	9.84	152	727664	37.90	nq	97
49) Dimethylphthalate	9.70	163	517160	37.84	nq	# 98
50) 2,6-Dinitrotoluene	9.76	165	113555	38.27	nq	# 59
51) Acenaphthene	10.01	154	427792	37.53	nq	88
52) 3-Nitroaniline	9.94	138	131464	38.29	nq	# 91
53) 2,4-Dinitrophenol	10.03	184	38184	40.16	nq	# 24
54) Dibenzofuran	10.18	168	591570	36.72	nq	# 89
55) 4-Nitrophenol	10.09	139	96634	38.96	nq	# 63
56) 2,4-Dinitrotoluene	10.17	165	144823	38.29	nq	# 93
57) Fluorene	10.53	166	475099	41.04	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	131931	38.81	nq	96
59) Diethylphthalate	10.40	149	492263	38.56	nq	98
60) 4-Chlorophenyl-phenylether	10.51	204	214349	36.34	nq	# 78
61) 4-Nitroaniline	10.55	138	129755	37.70	nq	# 46
62) Azobenzene	10.67	77	454558	36.48	nq	88
64) 4,6-Dinitro-2-methylphenol	10.57	198	67048	41.41	nq	83
65) n-Nitrosodiphenylamine	10.64	169	434564	38.92	nq	91
66) 4-Bromophenyl-phenylether	11.02	248	140756	37.83	nq	# 84
67) Hexachlorobenzene	11.07	284	160615	38.25	nq	# 81
68) Atrazine	11.17	200	139414	40.24	nq	84
69) Pentachlorophenol	11.27	266	95223	39.80	nq	99
70) Phenanthrene	11.49	178	708044	39.67	nq	96
71) Anthracene	11.54	178	735511	39.21	nq	97
72) Carbazole	11.70	167	678063	39.94	nq	96
73) Di-n-butylphthalate	12.02	149	734363	42.39	nq	# 98
74) Fluoranthene	12.68	202	735050	37.18	nq	93
76) Benzidine	12.81	184	404636	40.05	nq	97
77) Pyrene	12.92	202	781952	39.04	nq	96
79) Butylbenzylphthalate	13.53	149	308853	40.97	nq	# 91
80) Benzo(a)anthracene	14.10	228	703378	38.96	nq	96
81) 3,3'-Dichlorobenzidine	14.07	252	262257	43.01	nq	# 92
82) Chrysene	14.14	228	702553m	44.17	nq	
83) Bis(2-ethylhexyl)phthalate	14.08	149	395846	41.87	nq	# 90
84) Di-n-octyl phthalate	14.70	149	647554	42.08	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.04	276	593885	42.05	nq	# 86
87) Benzo(b)fluoranthene	15.16	252	701925	40.91	nq	# 84
88) Benzo(k)fluoranthene	15.18	252	527685m	33.55	nq	
89) Benzo(a)pyrene	15.52	252	571312	38.38	nq	# 85
90) Dibenzo(a,h)anthracene	17.06	278	478721	38.33	nq	# 81
91) Benzo(g,h,i)perylene	17.49	276	493095	38.53	nq	# 76

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



#1

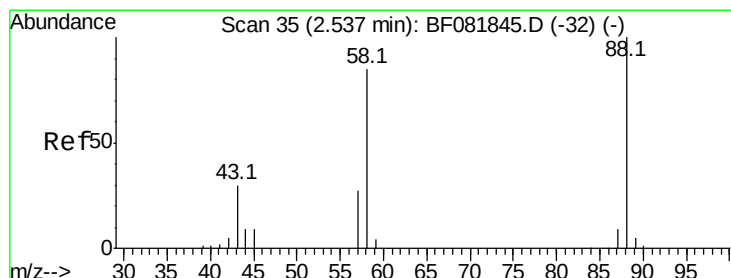
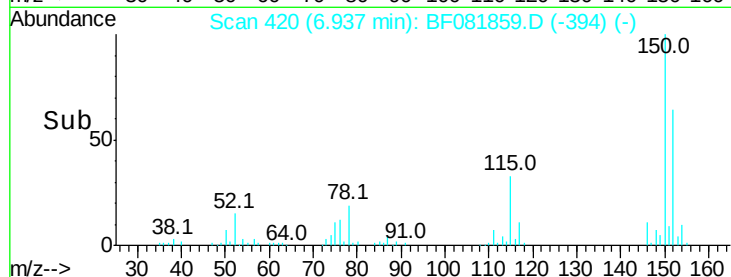
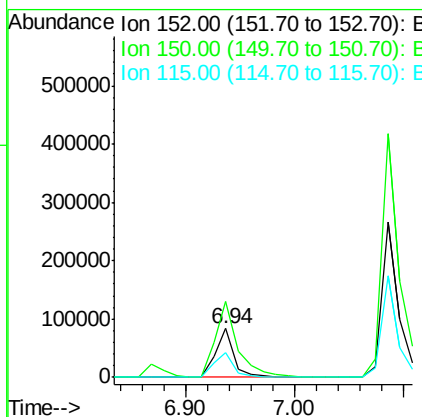
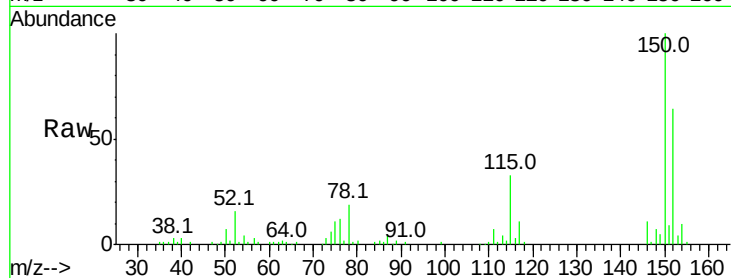
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.7	187.1
115	51.3	39.0	58.4

Manual Integrations
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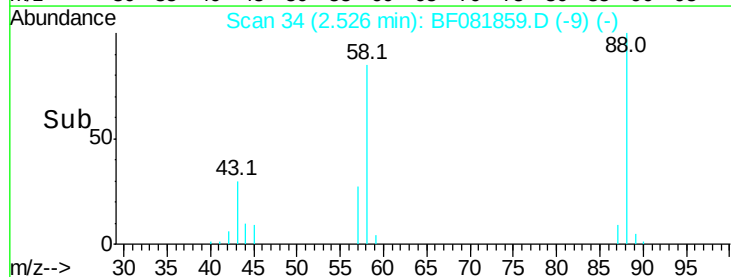
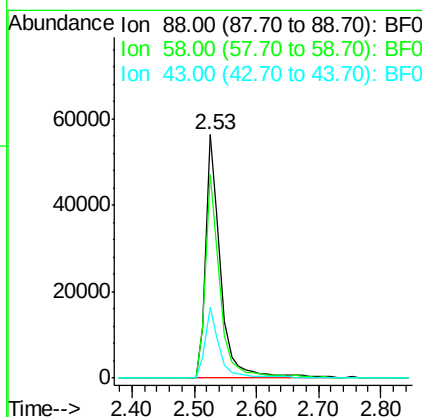
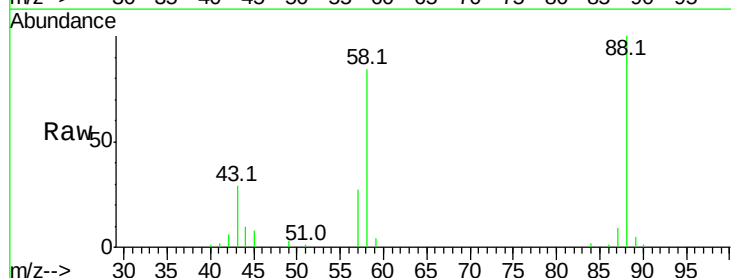
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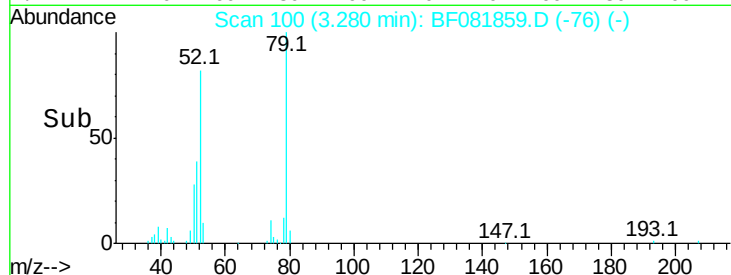
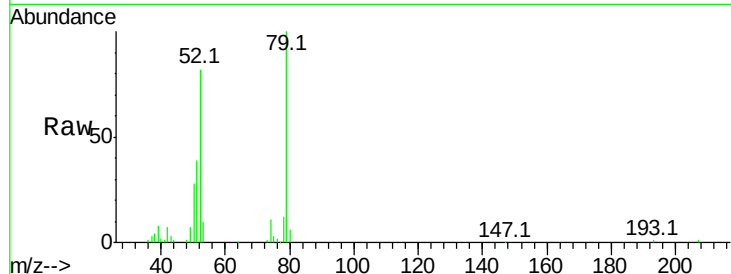
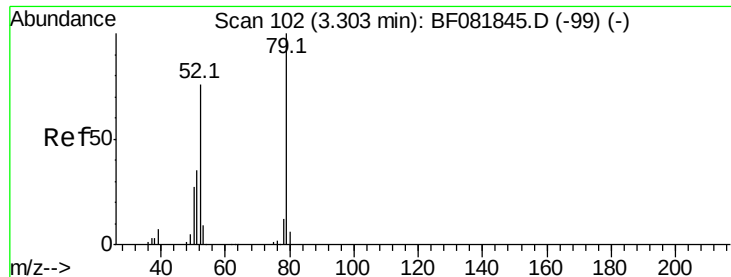


#2

1,4-Dioxane
Concen: 38.75 ng
RT: 2.53 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.4	77.7	116.5
43	28.7	26.6	40.0





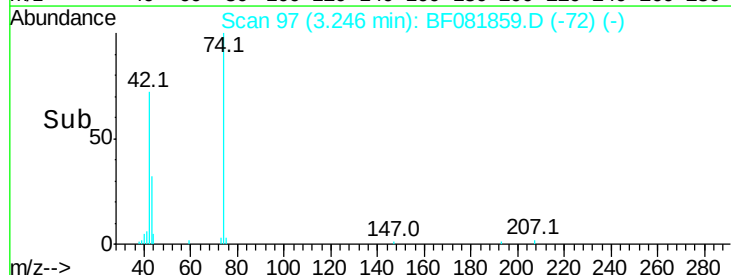
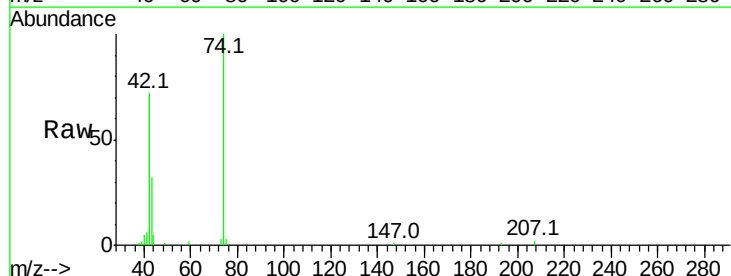
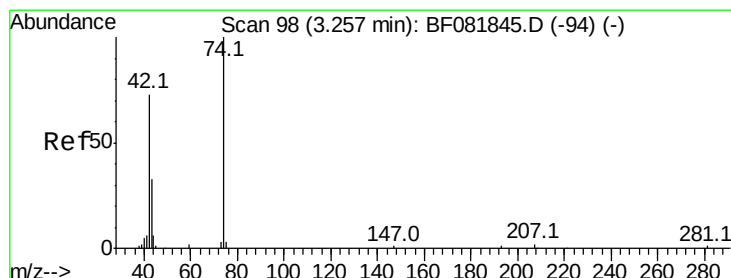
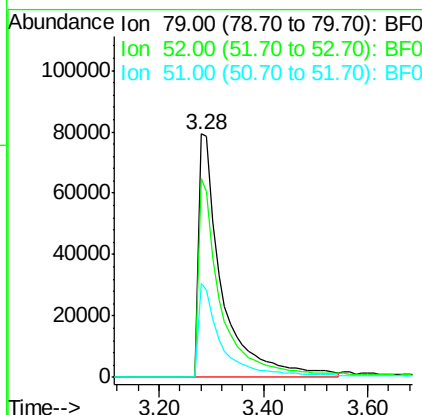
#3
Pvridine
Concen: 39.75 ng
RT: 3.28 min Scan# 100
Delta R.T. -0.02 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.5	76.8	115.2
51	38.5	32.2	48.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

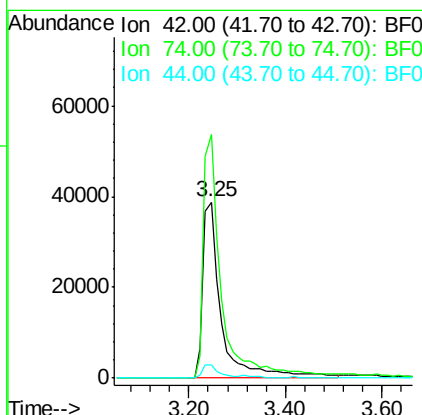
Manual Integrations
APPROVED

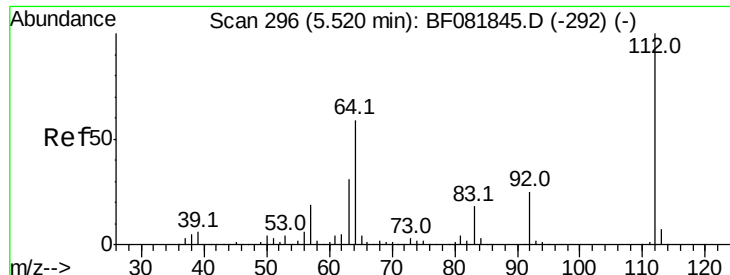
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9/29/2015 12:11:39 PM



#4
n-Nitrosodimethylamine
Concen: 36.87 ng
RT: 3.25 min Scan# 97
Delta R.T. -0.01 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.1	105.0	157.6
44	7.2	6.6	10.0





#5

2-Fluorophenol

Concen: 74.51 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

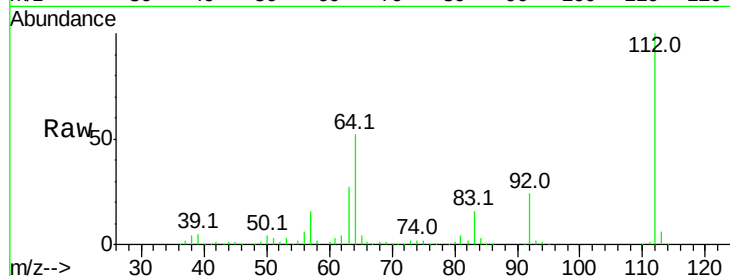
ClientSampleID :

SSTDCCC040EC

Tot Ion:	112	Resp:	414266
Ion Ratio	Lower	Upper	
112	100		
64	52.4	39.7	59.5
63	26.8	17.4	26.0#

Manual Integrations
APPROVED

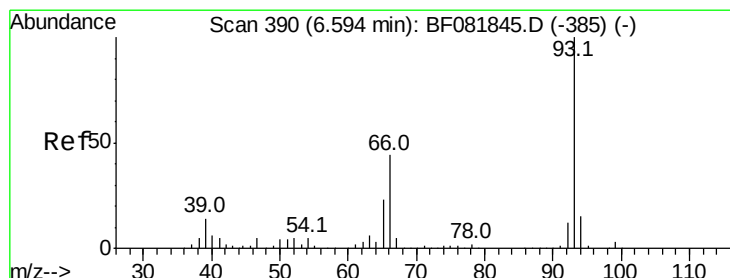
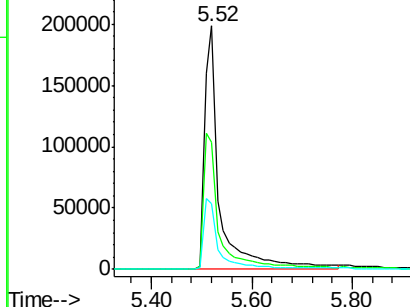
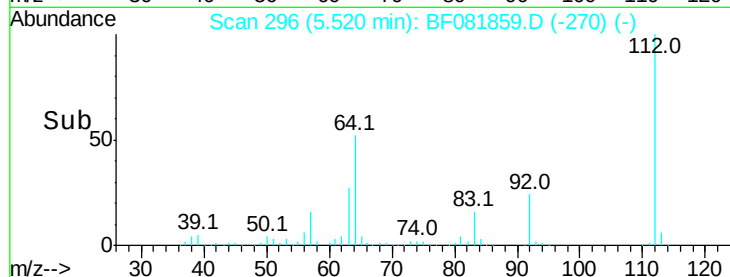
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.64 ng

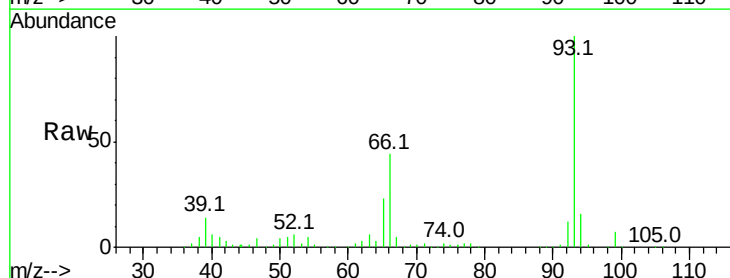
RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

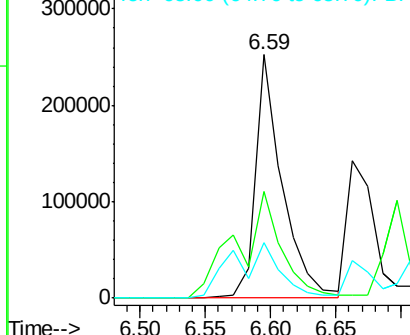
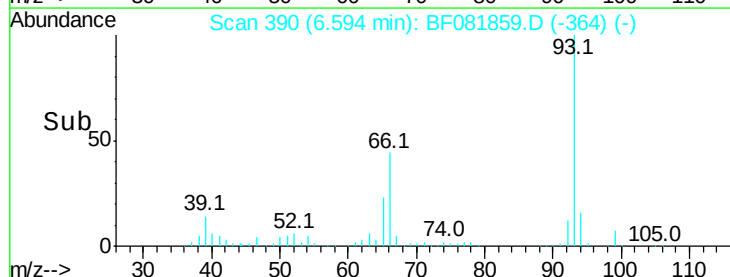
Tgt Ion:	93	Resp:	363180
Ion Ratio	Lower	Upper	
93	100		
66	43.6	27.2	40.8#
65	23.0	14.7	22.1#

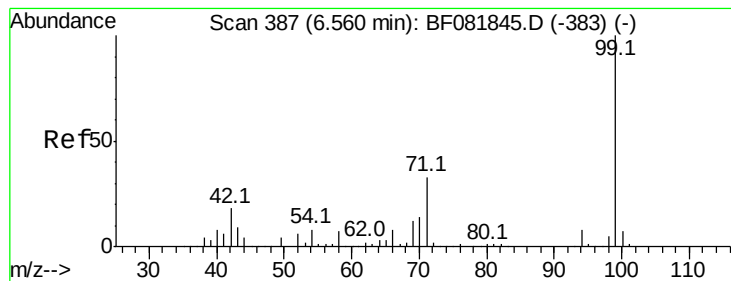


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.16 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

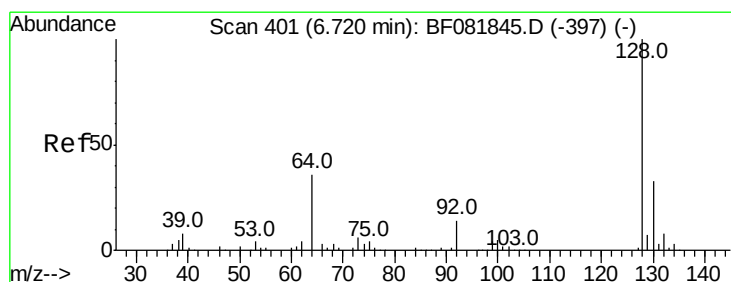
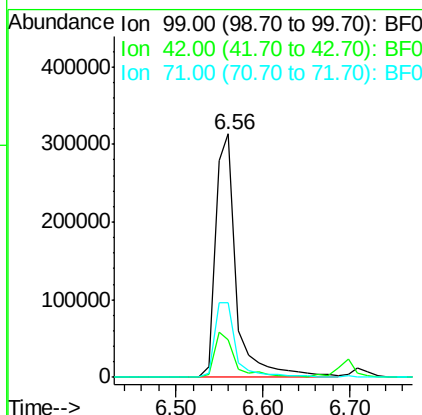
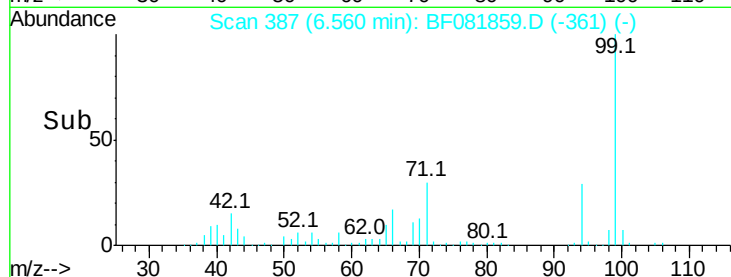
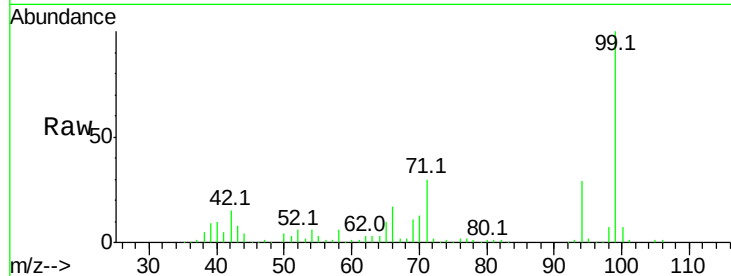
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
99	100	525783		
42	15.2		13.7	20.5
71	30.5		14.2	21.2#

Manual Integrations
APPROVED

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#8

2-Chlorophenol

Concen: 38.71 ng

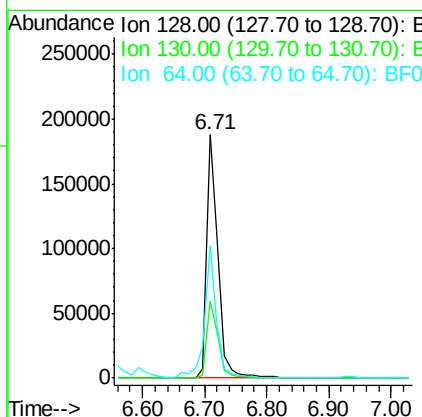
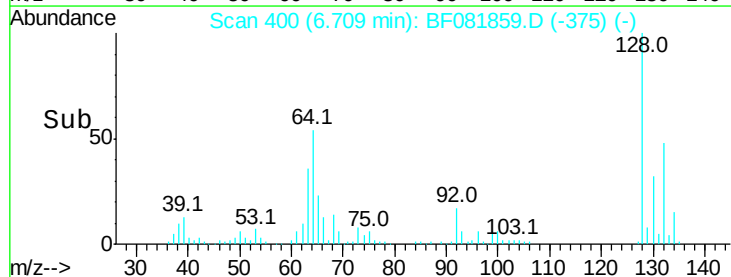
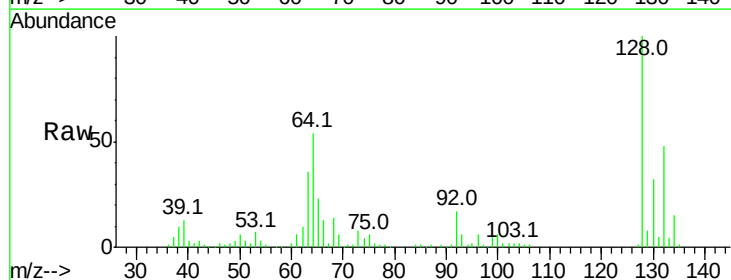
RT: 6.71 min Scan# 400

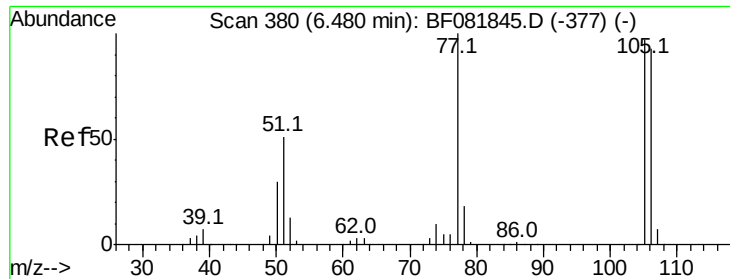
Delta R.T. -0.01 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	237658		
130	31.6		12.2	52.2
64	54.5		20.5	60.5





#9

Benzaldehyde

Concen: 39.48 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 180870

Ion Ratio Lower Upper

77 100

105 97.5 91.6 131.6

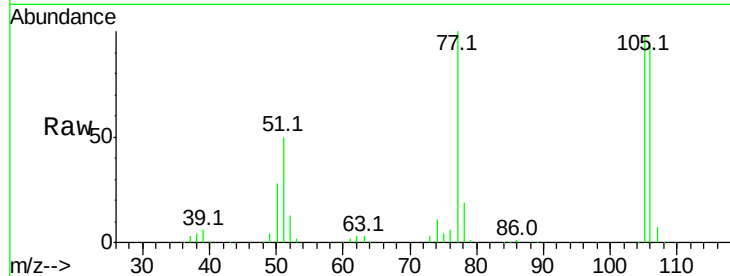
106 92.9 102.6 142.6#

Manual Integrations

APPROVED

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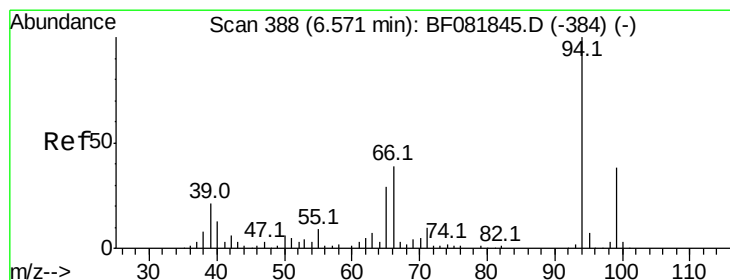
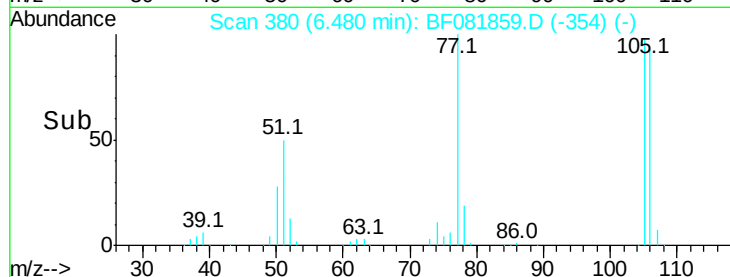
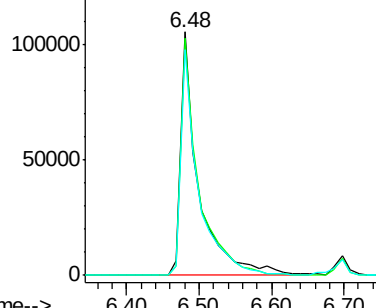
9/29/2015 12:11:39 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.36 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

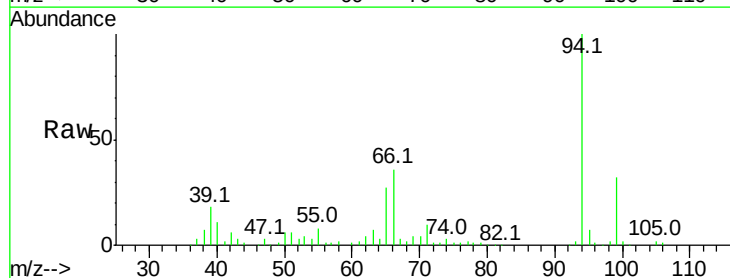
Tgt Ion: 94 Resp: 293163

Ion Ratio Lower Upper

94 100

65 26.6 0.7 40.7

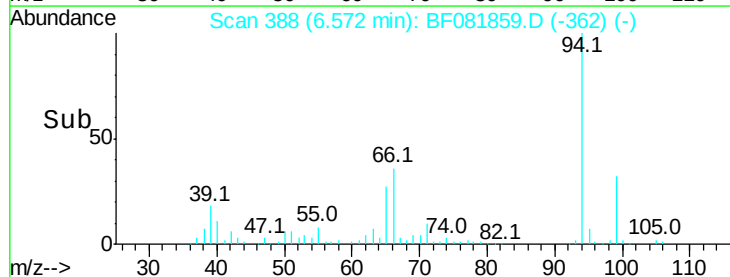
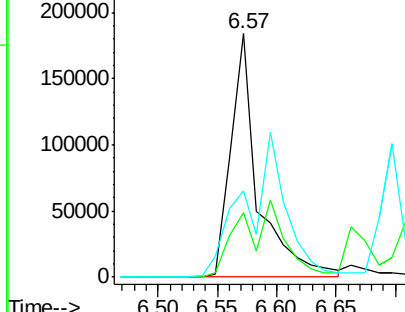
66 35.6 0.8 40.8

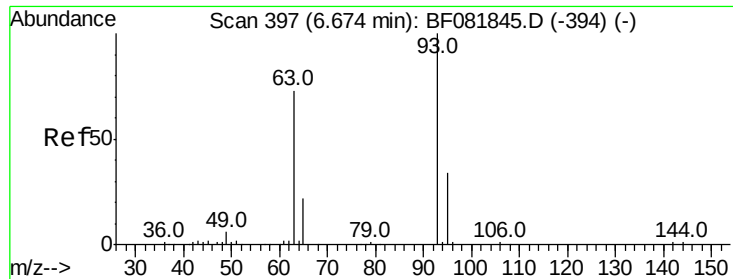


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.36 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

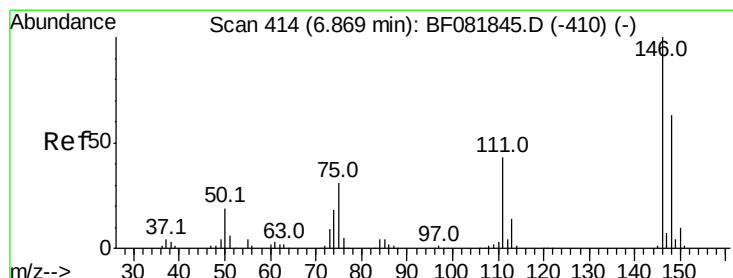
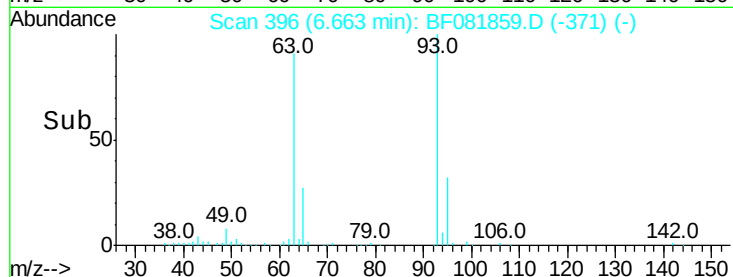
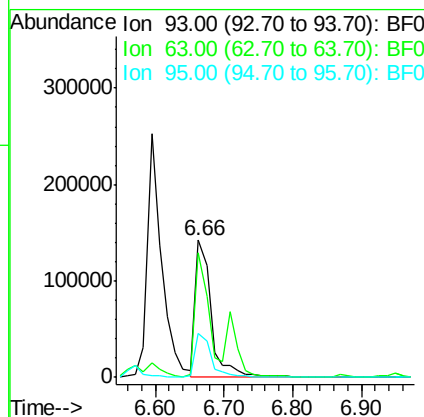
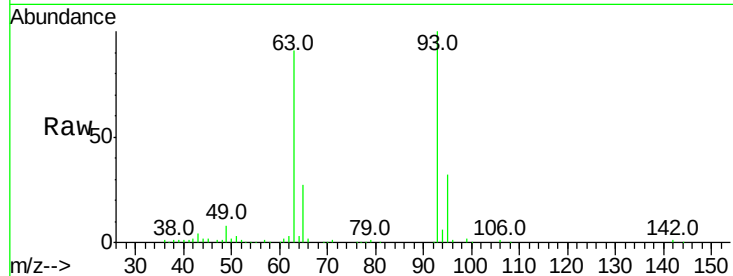
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	227386
Ion Ratio	Lower	Upper	
93	100		
63	90.5	65.6	105.6
95	31.8	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 37.89 ng

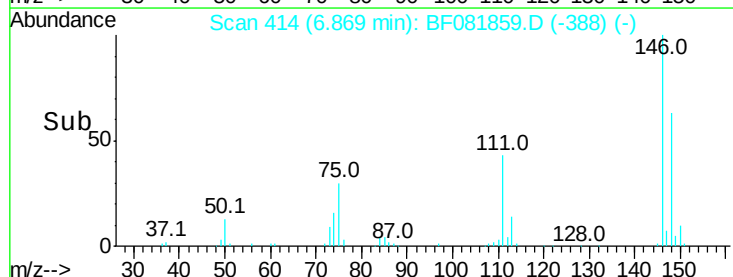
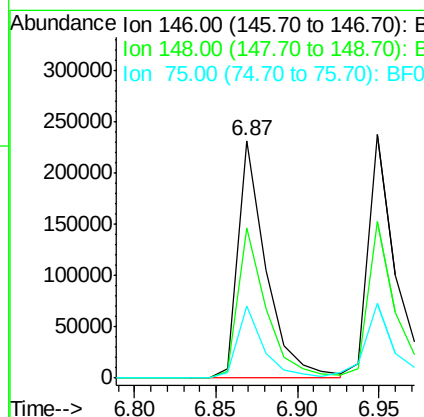
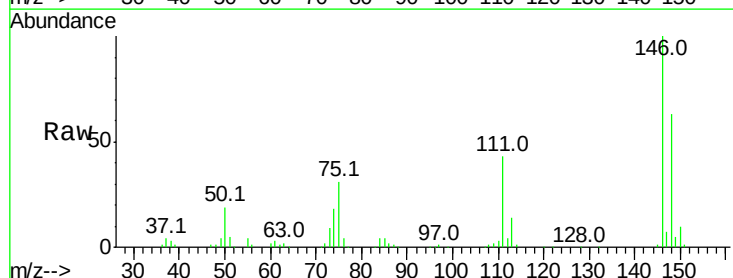
RT: 6.87 min Scan# 414

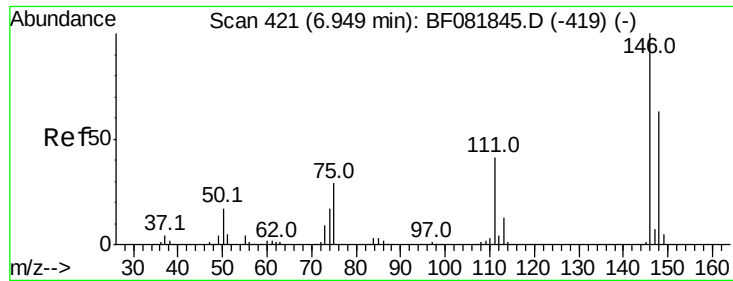
Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tgt Ion:	146	Resp:	274795
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.0	76.4
75	30.6	15.0	22.6#





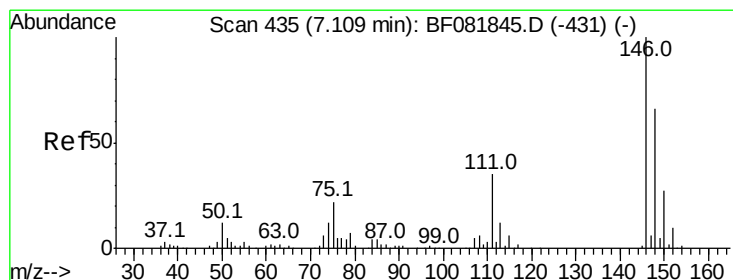
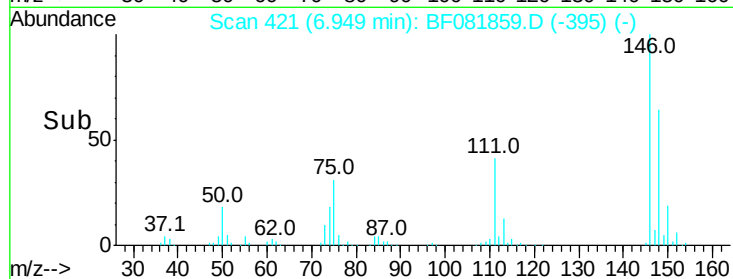
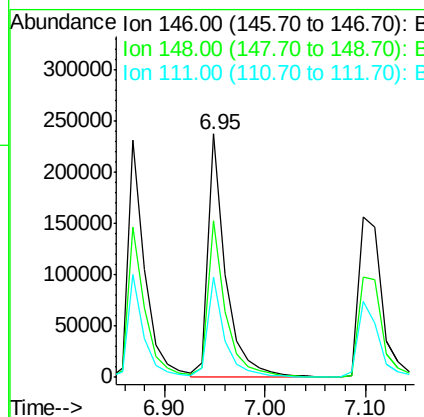
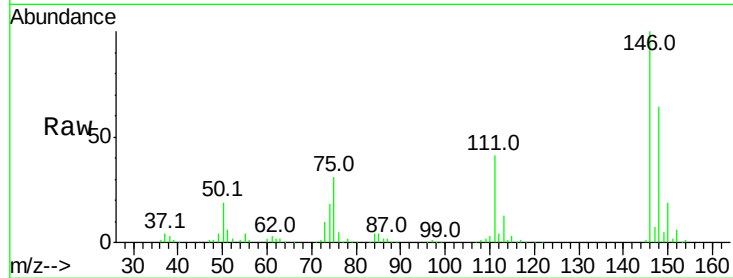
#13
 1,4-Dichlorobenzene
 Concen: 38.33 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	41.3	24.9	37.3

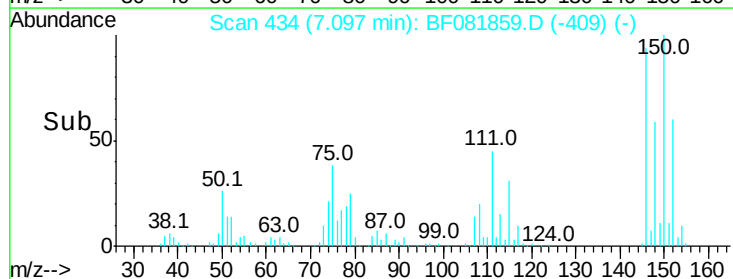
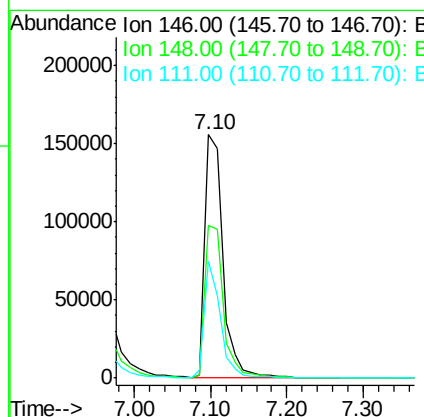
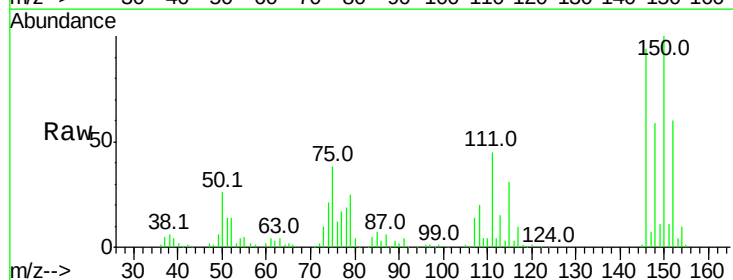
Manual Integrations
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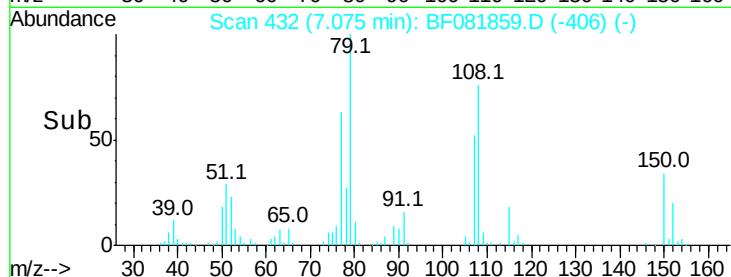
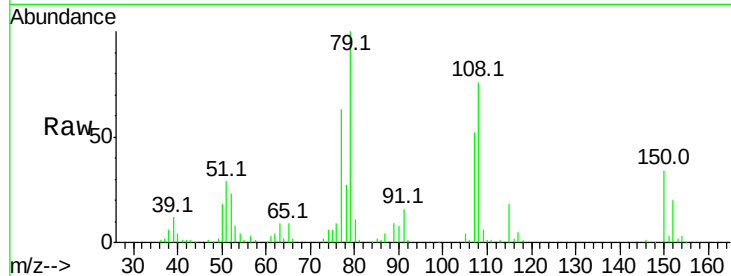
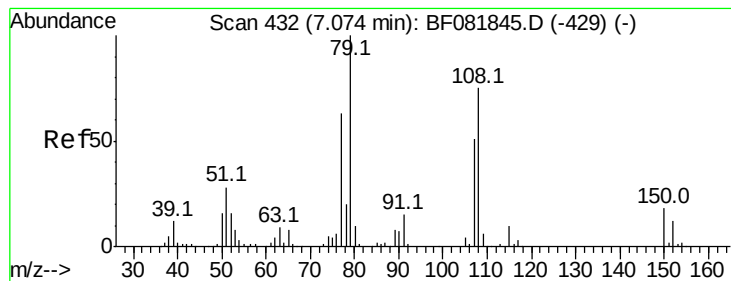
MMDadoda
 9/29/2015 12:11:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.82 ng m
 RT: 7.10 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.7	79.1
111	47.8	28.8	43.2





#15

Benzyl Alcohol

Concen: 38.05 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tot Ion:	79	Resp:	192167
Ion Ratio	Lower	Upper	
79	100		
108	76.4	88.6	132.8#
77	62.9	47.0	70.4

Instrument :

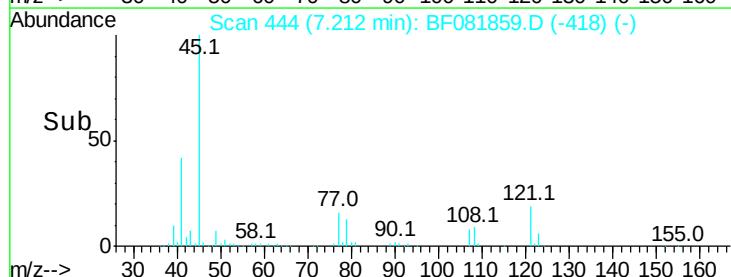
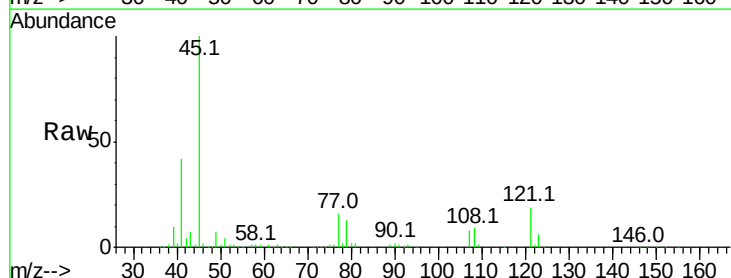
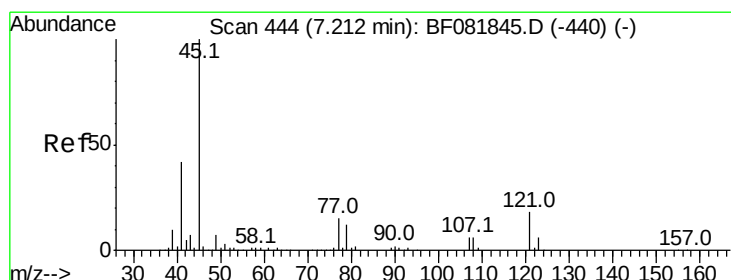
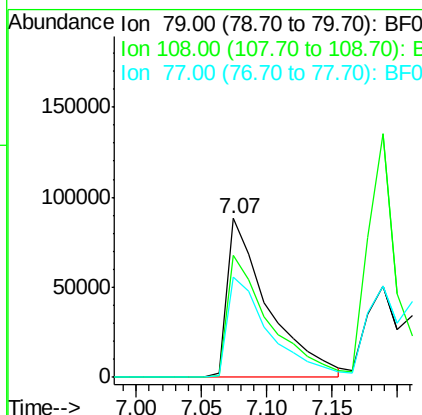
BNA_F

ClientSampleId :

SSTDCCC040EC

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.93 ng

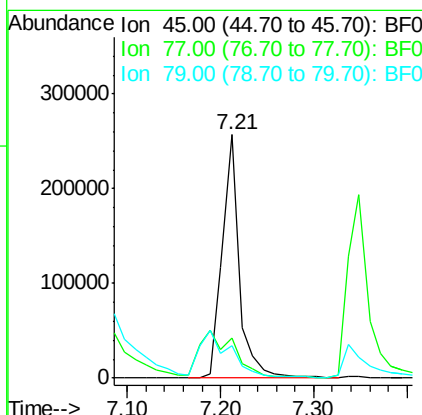
RT: 7.21 min Scan# 444

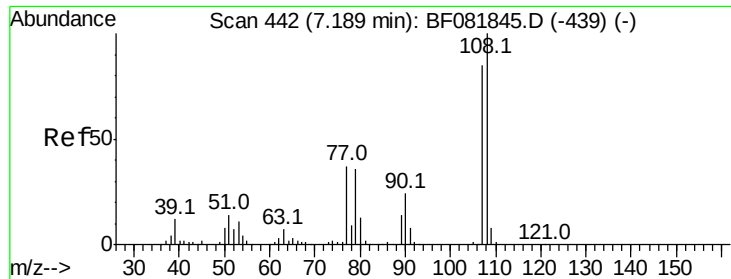
Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tgt Ion:	45	Resp:	326336
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	28.1
79	13.4	0.0	26.0





#17

2-Methylphenol

Concen: 38.00 ng

RT: 7.19 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

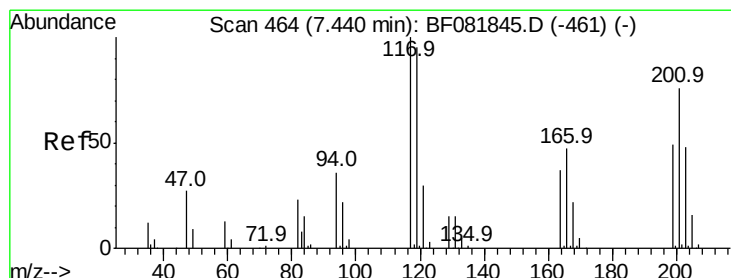
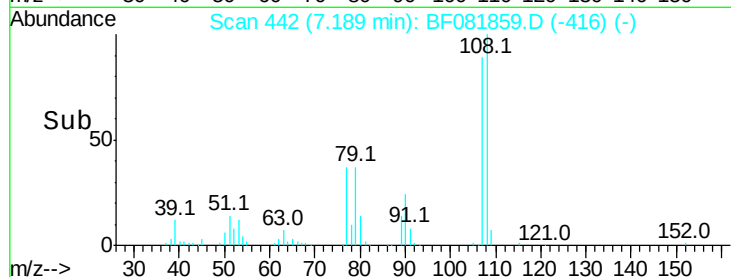
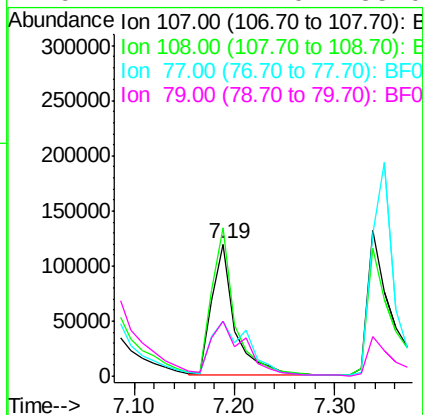
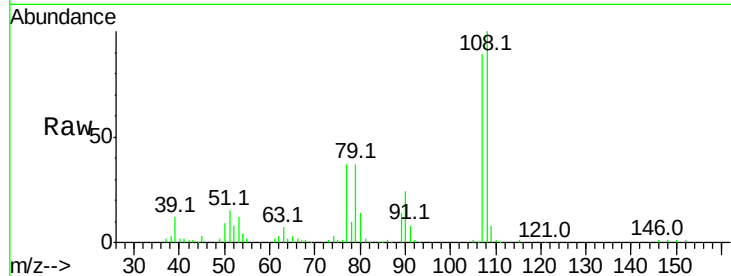
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	189141
Ion Ratio	Lower	Upper	
107	100		
108	112.9	96.6	145.0
77	42.1	23.3	34.9#
79	42.1	22.0	33.0#

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#18

Hexachloroethane

Concen: 37.93 ng

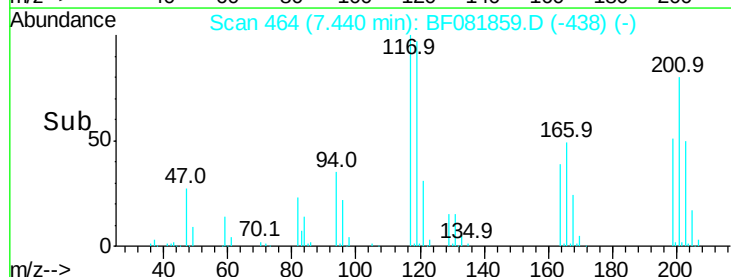
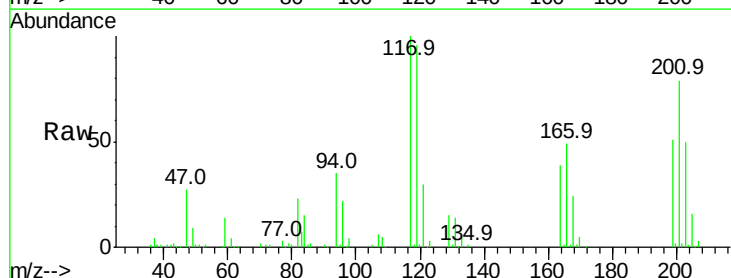
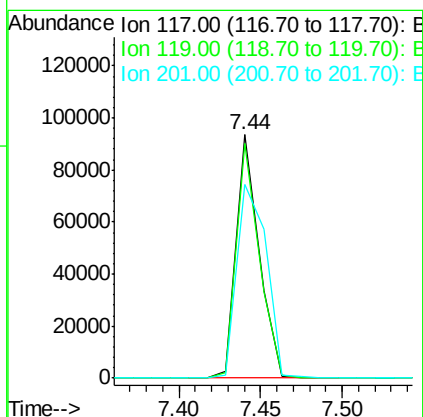
RT: 7.44 min Scan# 464

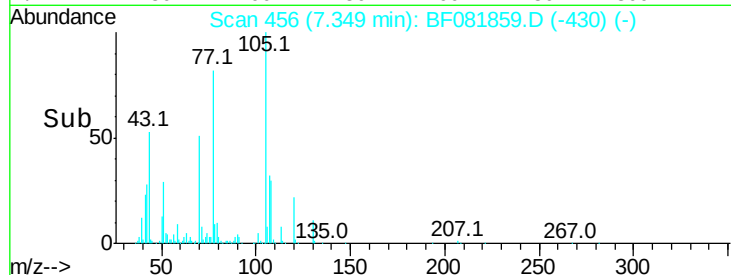
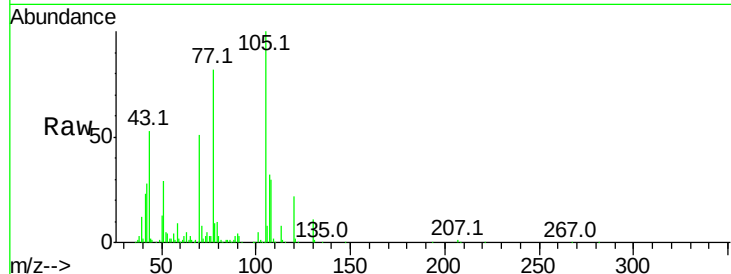
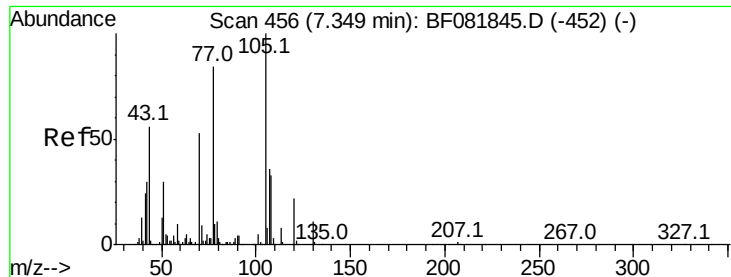
Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tgt Ion:	117	Resp:	89920
Ion Ratio	Lower	Upper	
117	100		
119	96.3	83.8	125.6
201	79.3	55.1	82.7





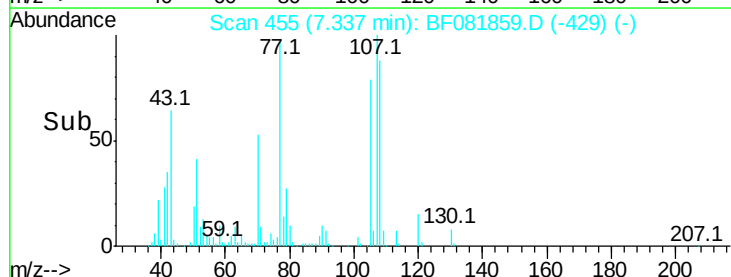
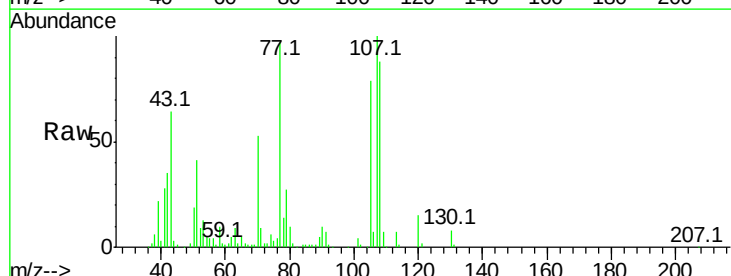
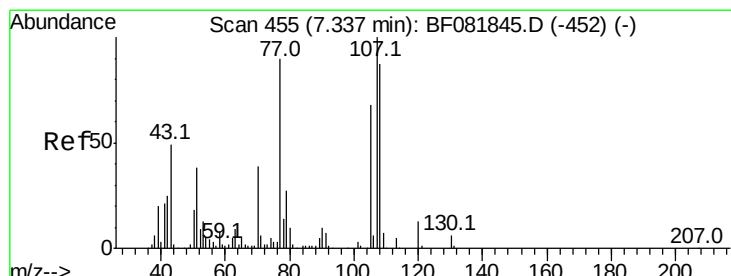
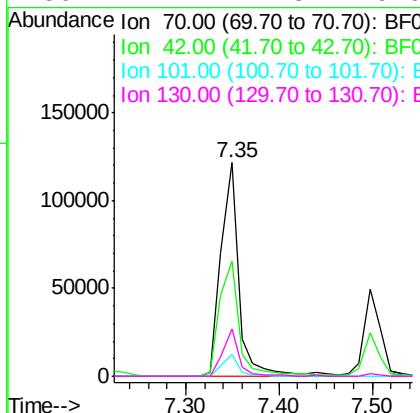
#19
n-Nitroso-di-n-propylamine
Concen: 38.88 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	63.8	95.6#
101	10.1	9.2	13.8
130	22.1	27.3	40.9#

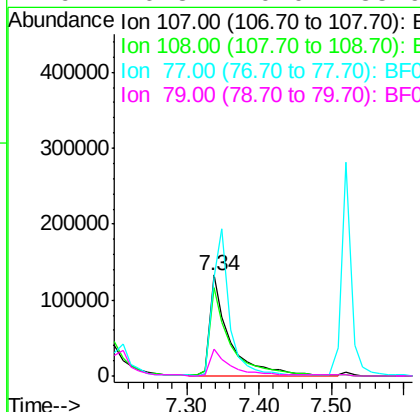
Manual Integrations
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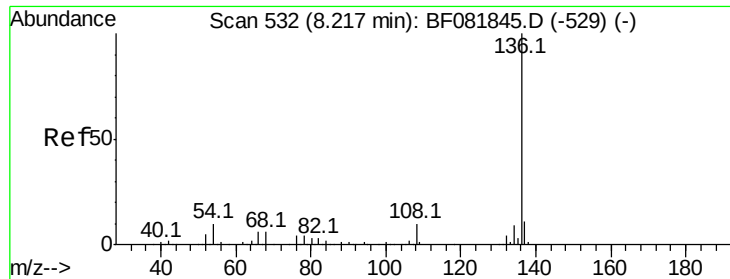
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#20
3+4-Methylphenols
Concen: 39.63 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	74.6	114.6
77	97.3	0.7	40.7#
79	26.8	0.0	38.9





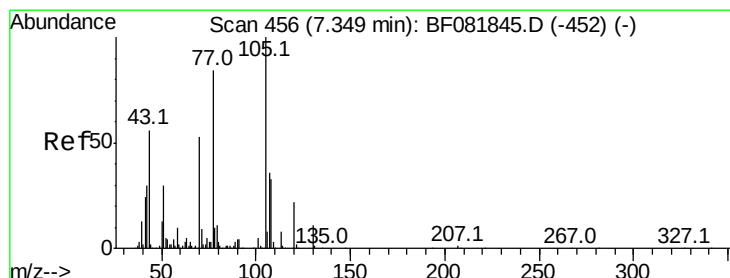
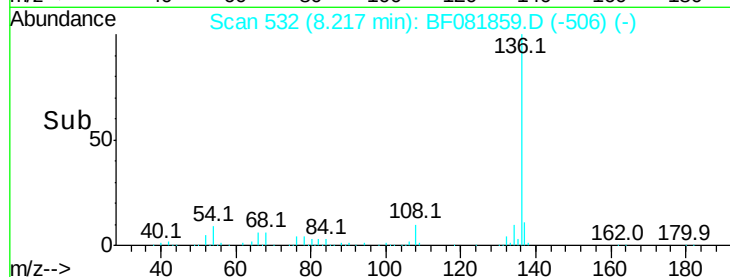
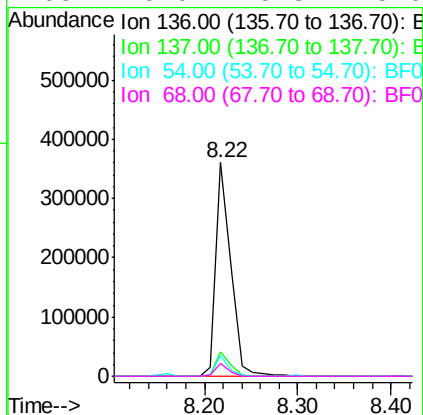
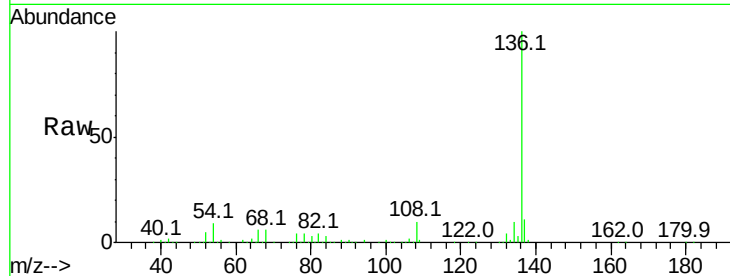
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	397448		
137	11.2		9.0	13.6
54	9.4		8.2	12.2
68	6.0		5.8	8.6

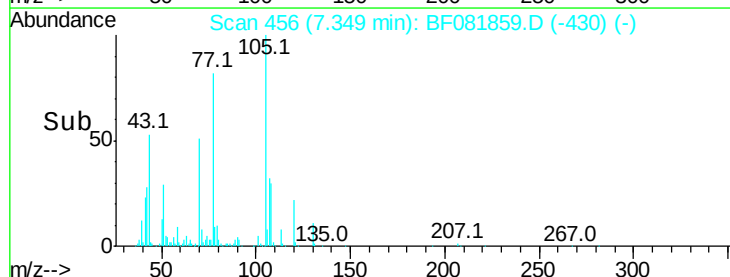
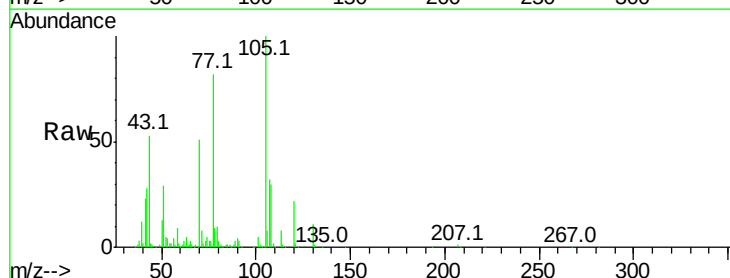
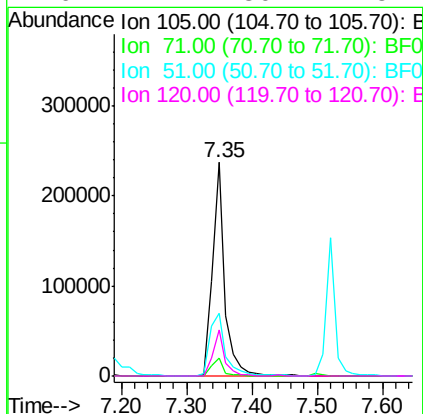
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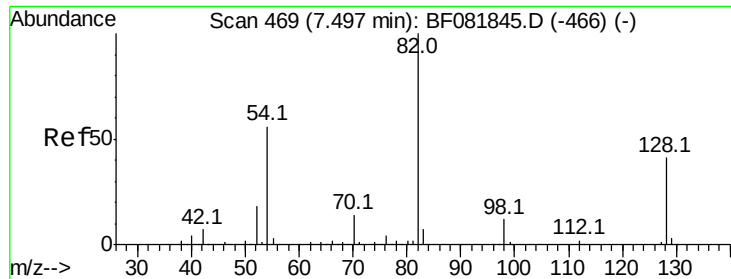
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#22
Acetophenone
Concen: 38.76 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	314990		
71	8.5		4.7	7.1#
51	29.2		22.0	33.0
120	21.7		30.1	45.1#





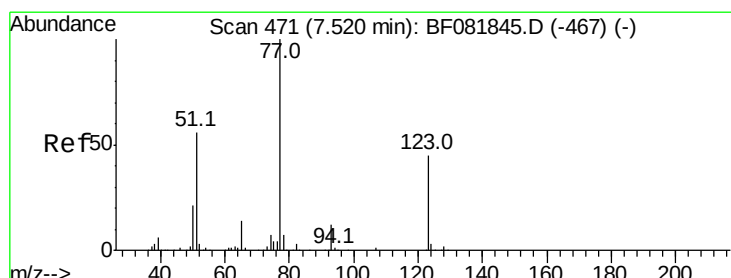
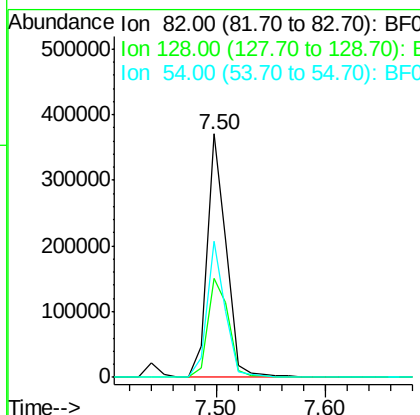
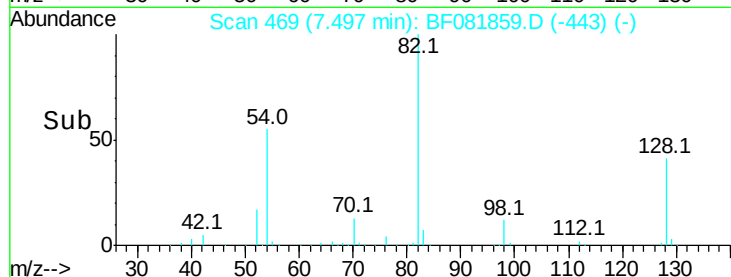
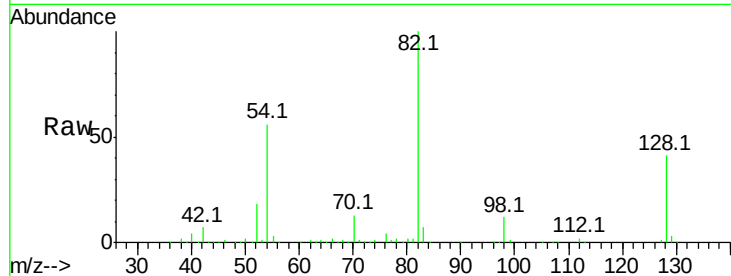
#23
 Nitrobenzene-d5
 Concen: 76.17 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	51.0	76.6#
54	55.9	47.5	71.3

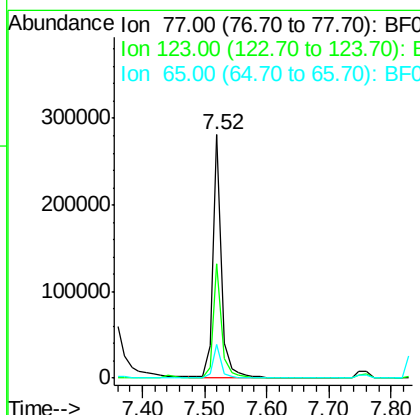
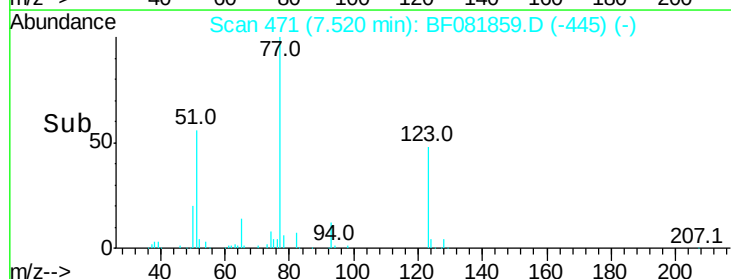
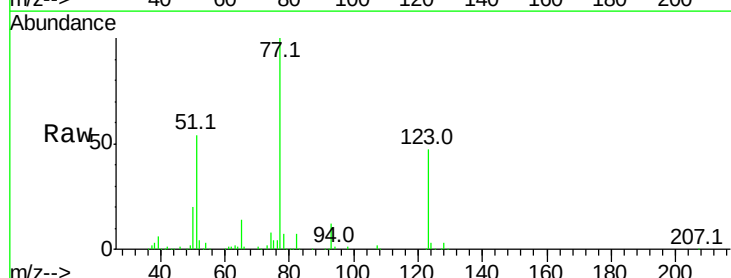
Manual Integrations
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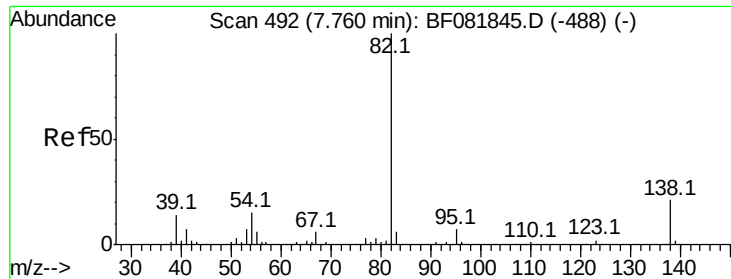
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#24
 Nitrobenzene
 Concen: 41.50 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	59.8	89.8#
65	13.6	10.2	15.4





#25

Isophorone

Concen: 36.92 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 436301

Ion Ratio Lower Upper

82 100

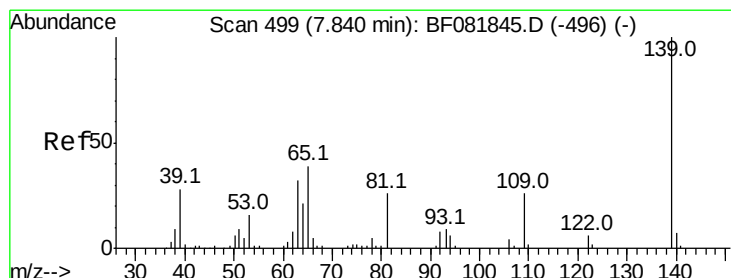
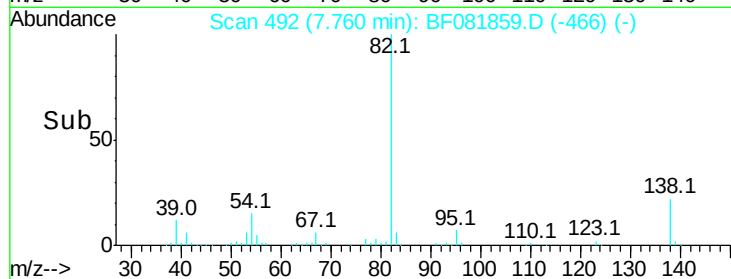
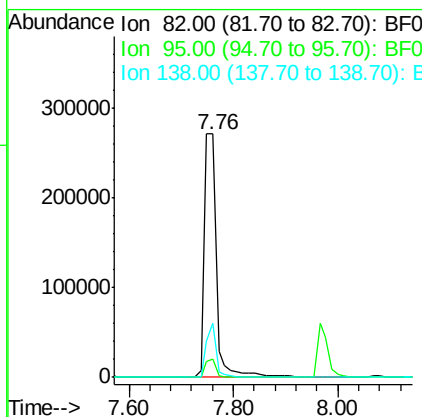
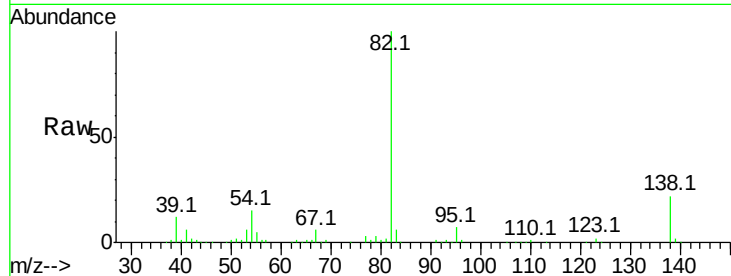
95 7.5 4.0 6.0#

138 22.4 18.3 27.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.86 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

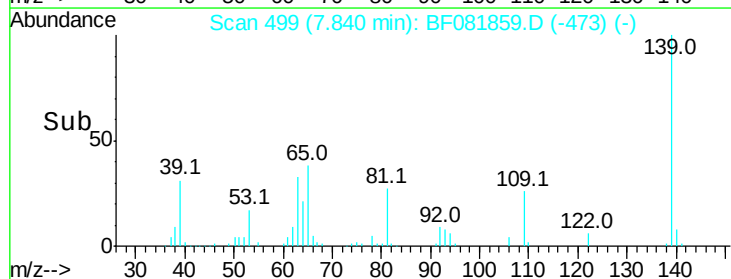
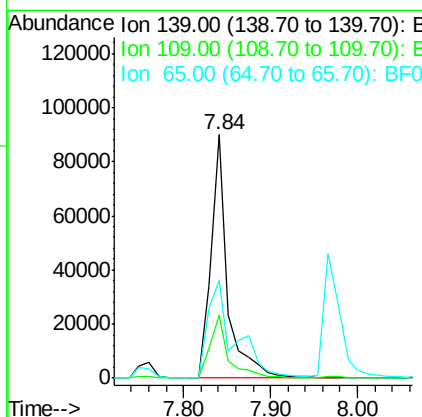
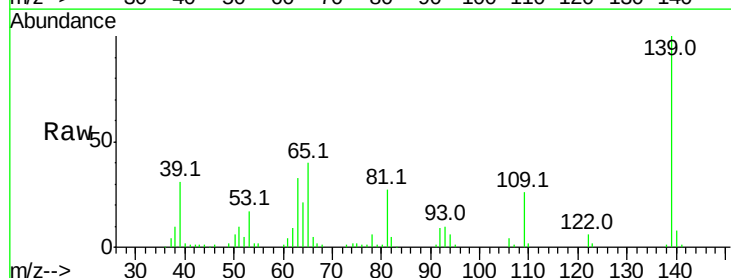
Tgt Ion: 139 Resp: 120758

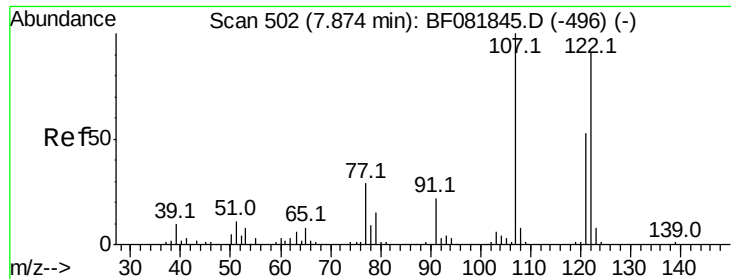
Ion Ratio Lower Upper

139 100

109 26.0 11.0 16.4#

65 40.0 24.7 37.1#





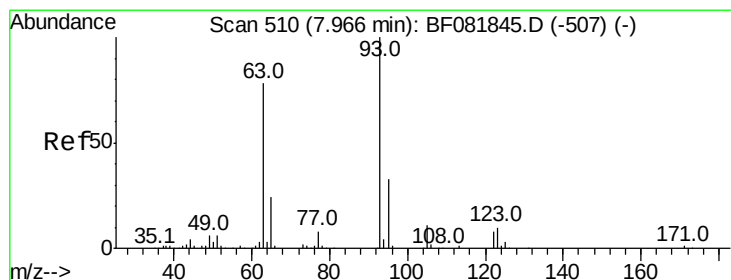
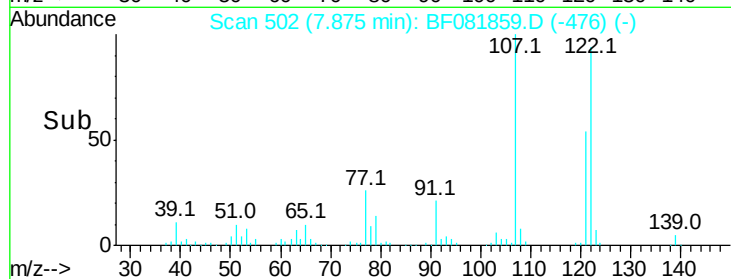
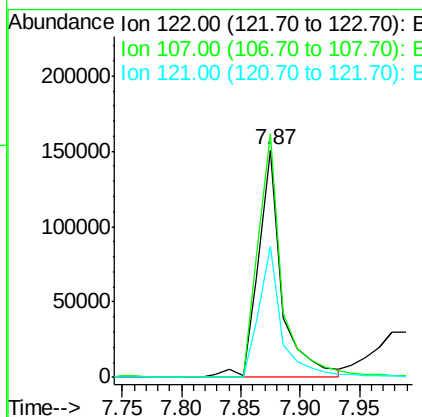
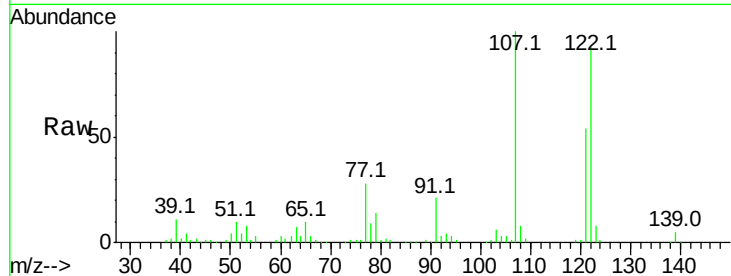
#27
2,4-Dimethylphenol
Concen: 38.41 ng
RT: 7.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.2	71.8	107.6
121	57.9	42.3	63.5

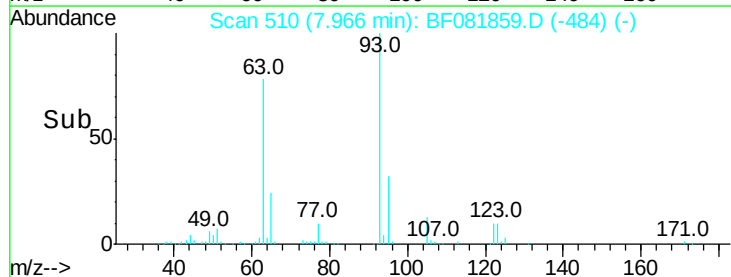
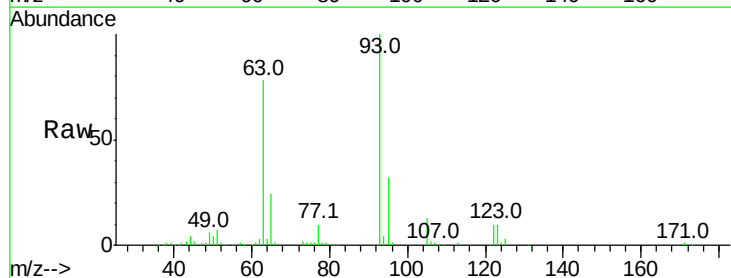
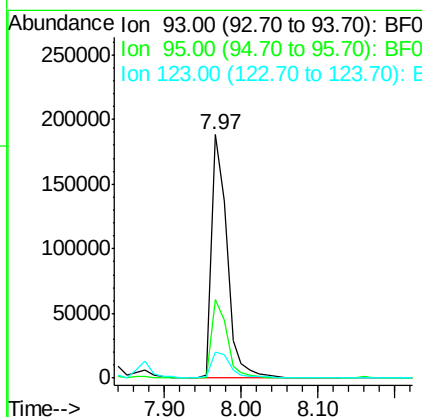
Manual Integrations
APPROVED

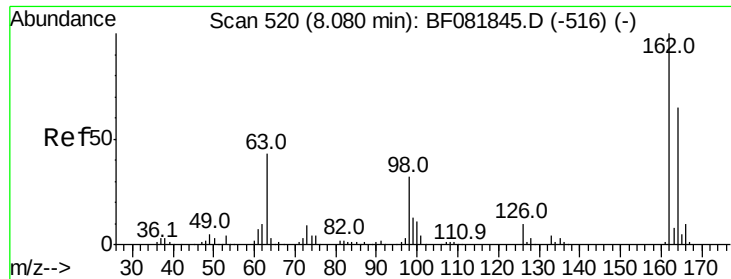
MMDadoda
9/29/2015 12:11:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.52 ng
RT: 7.97 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	27.5	41.3
123	10.5	13.7	20.5





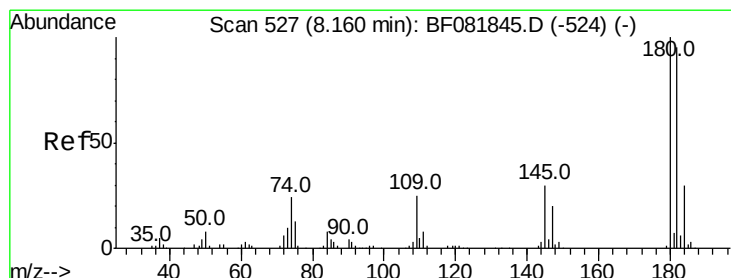
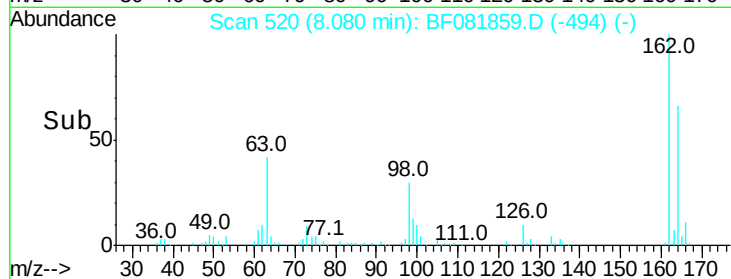
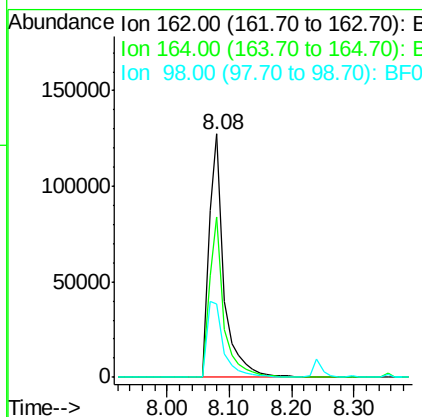
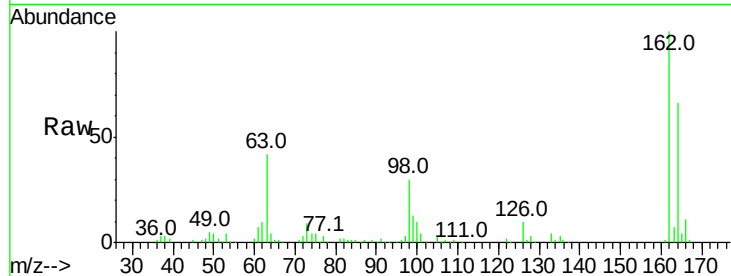
#29
 2,4-Dichlorophenol
 Concen: 39.24 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	208011		
164	66.1		44.9	84.9
98	30.0		13.0	53.0

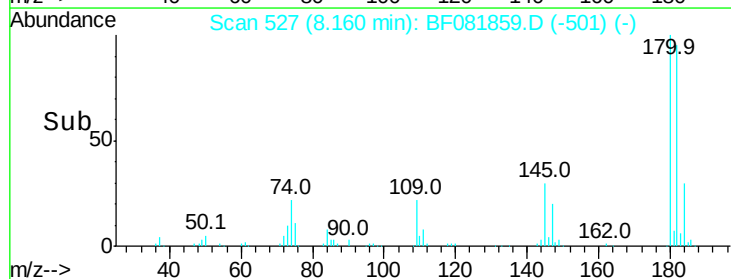
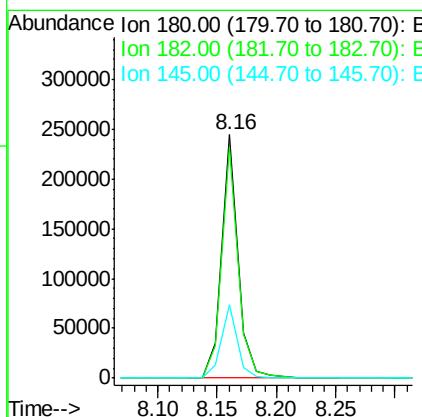
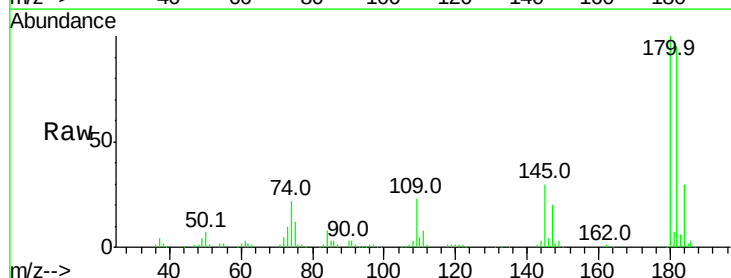
Manual Integrations
 APPROVED

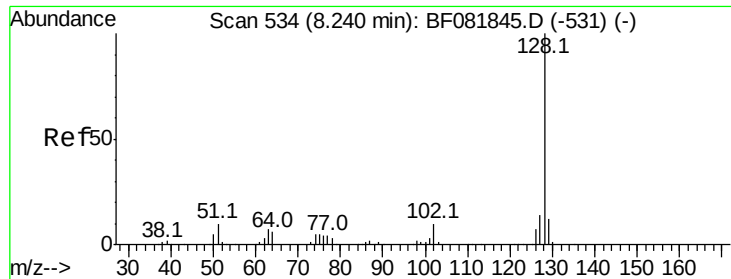
MMDadoda
 9/29/2015 12:11:39 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.25 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	232285		
182	94.6		77.1	115.7
145	29.9		23.3	34.9





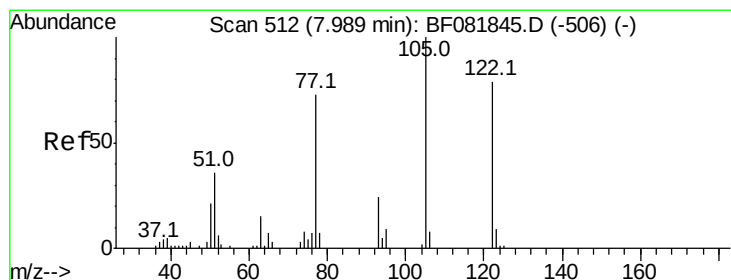
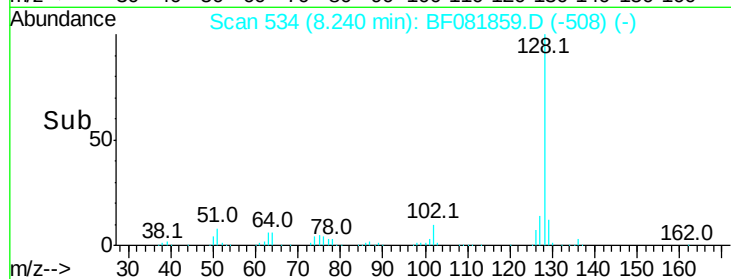
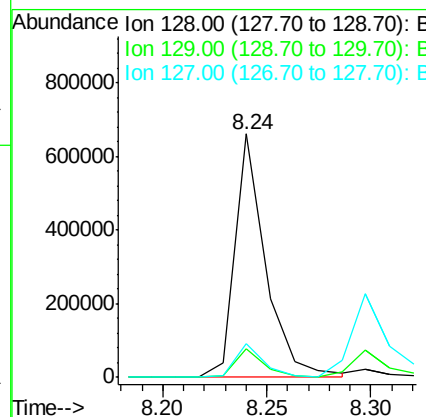
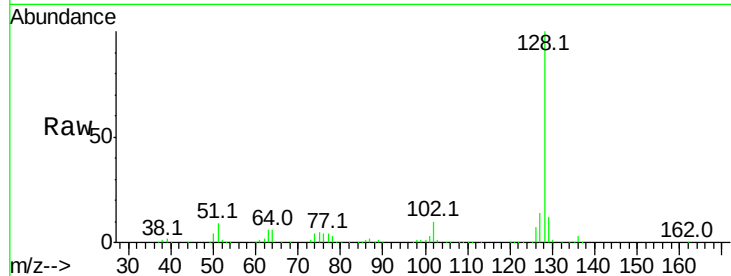
#31
Naphthalene
Concen: 38.51 ng/ml
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	678159		
129	11.7		8.4	12.6
127	13.6		9.9	14.9

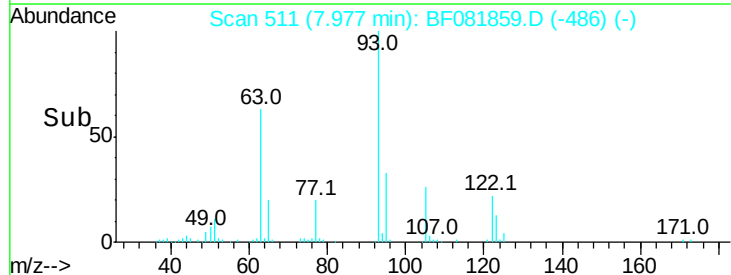
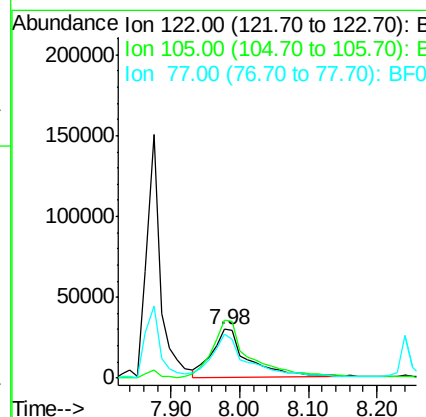
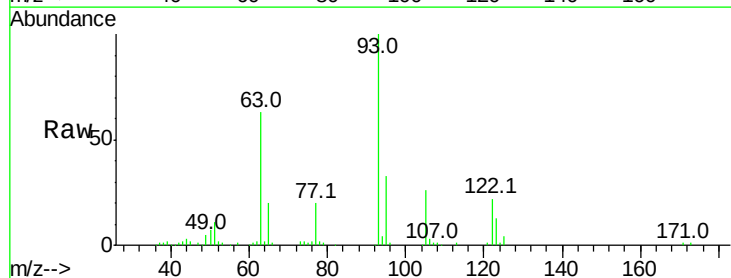
Manual Integrations
APPROVED

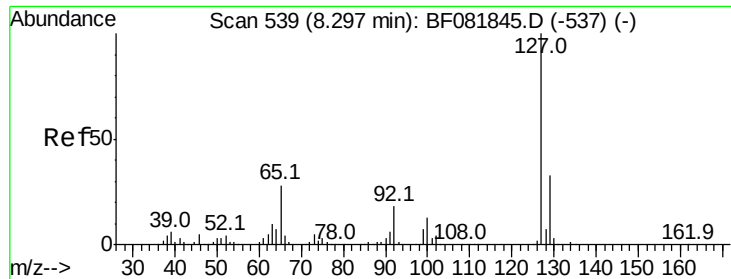
MMDadoda
9/29/2015 12:11:39 PM



#32
Benzoic acid
Concen: 34.40 ng/ml
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	104462		
105	119.8		76.1	116.1#
77	91.0		40.5	80.5#





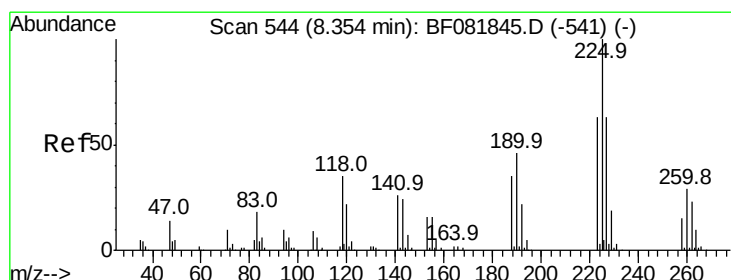
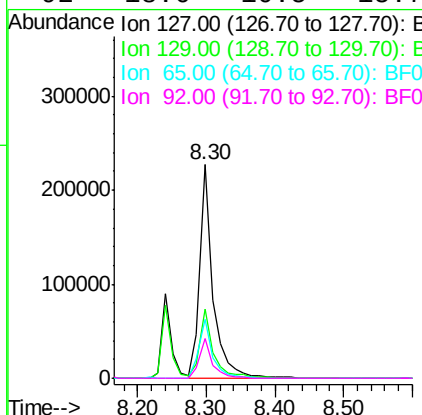
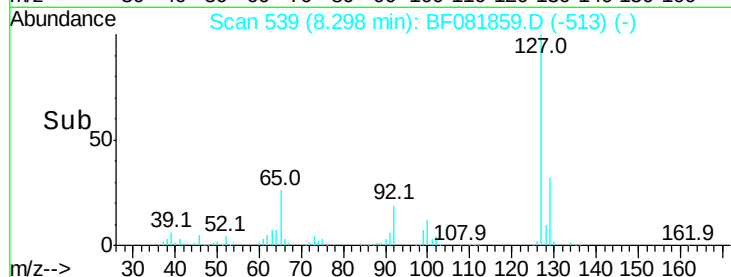
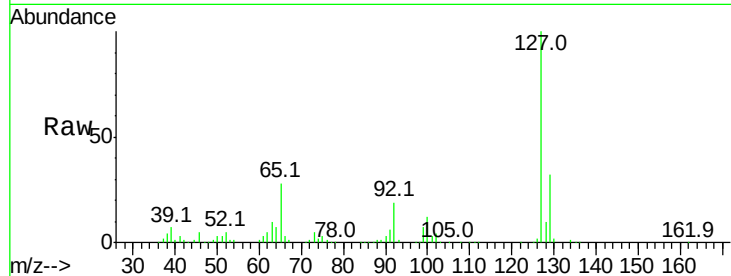
#33
4-Chloroaniline
Concen: 39.29 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.3	25.8	38.6
65	27.7	17.9	26.9
92	18.6	10.5	15.7

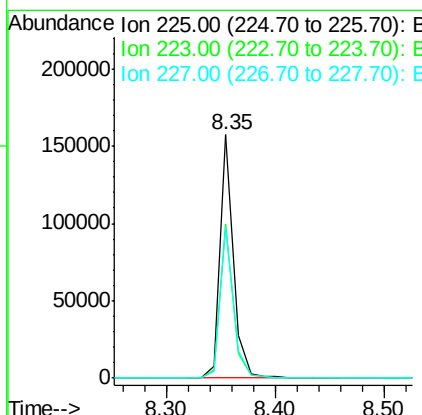
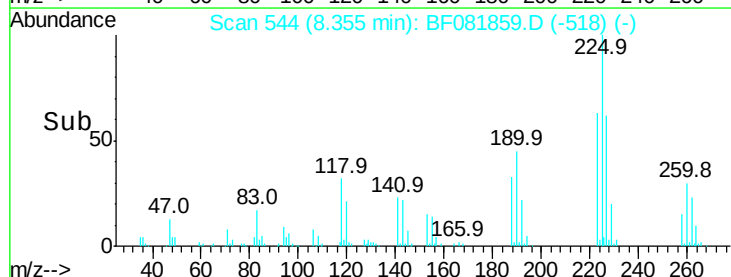
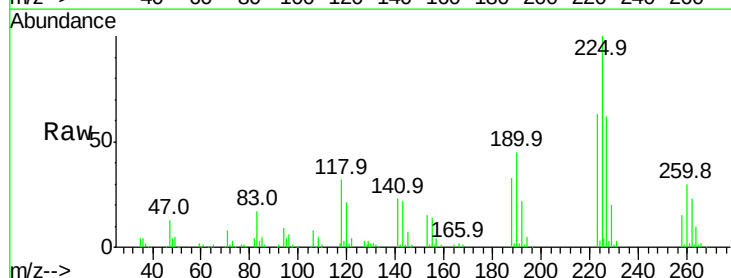
Manual Integrations
APPROVED

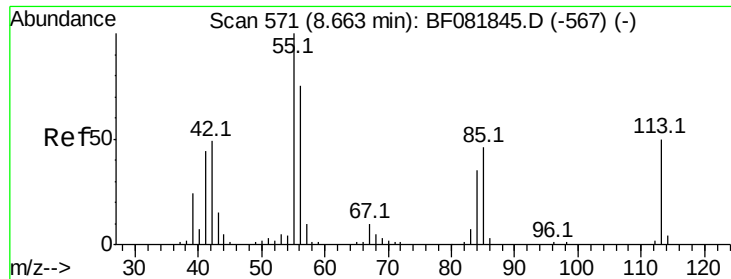
MMDadoda
9/29/2015 12:11:39 PM



#34
Hexachlorobutadiene
Concen: 38.95 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.0	50.2	75.2
227	62.1	52.2	78.2





#35

Caprolactam

Concen: 39.49 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

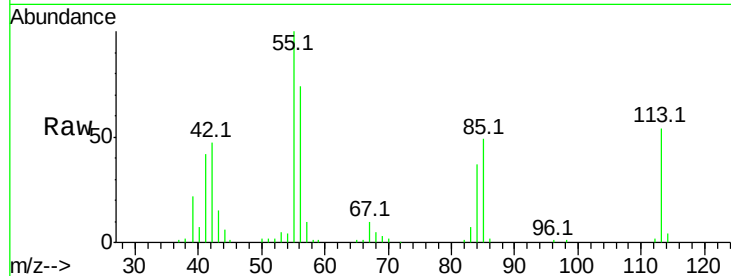
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	57960
Ion Ratio	Lower	Upper	
113	100		
55	185.3	152.4	192.4
56	136.3	104.6	144.6

Manual Integrations
APPROVED

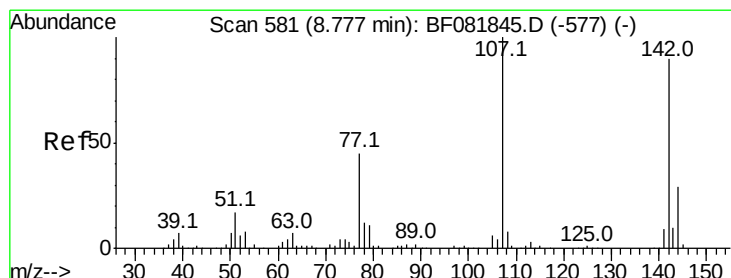
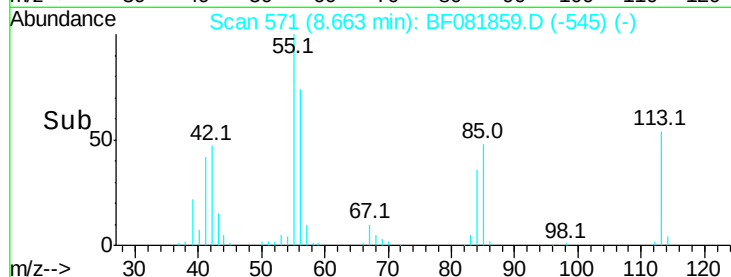
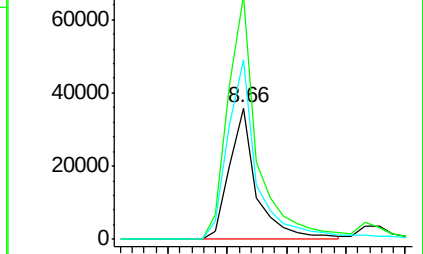
MMDadoda
9/29/2015 12:11:39 PM



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



#36

4-Chloro-3-methylphenol

Concen: 39.47 ng

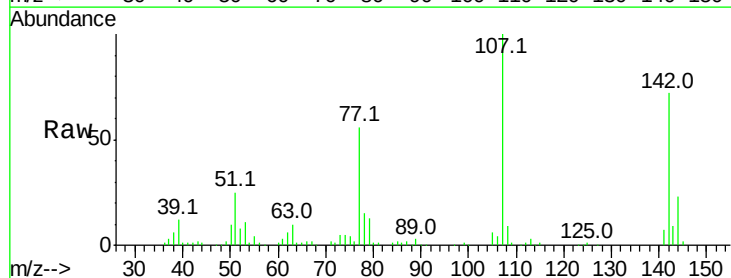
RT: 8.77 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

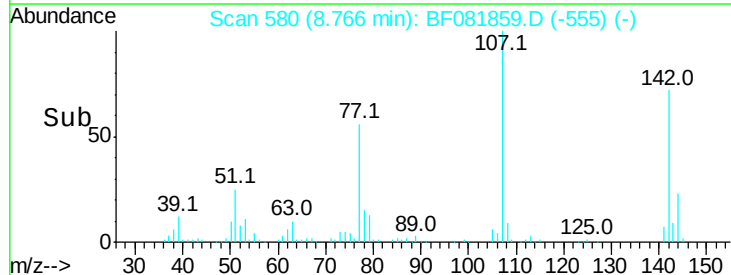
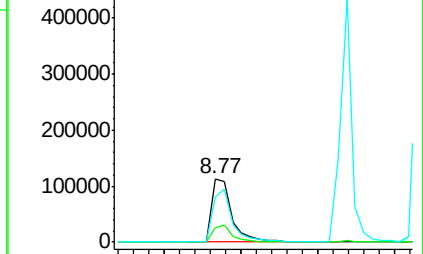
Tgt Ion:	107	Resp:	204601
Ion Ratio	Lower	Upper	
107	100		
144	22.7	25.4	38.0#
142	71.7	77.3	115.9#

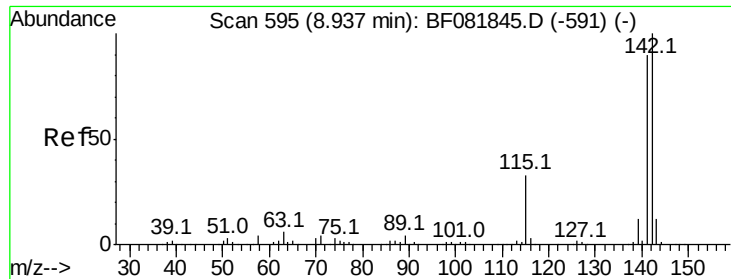


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





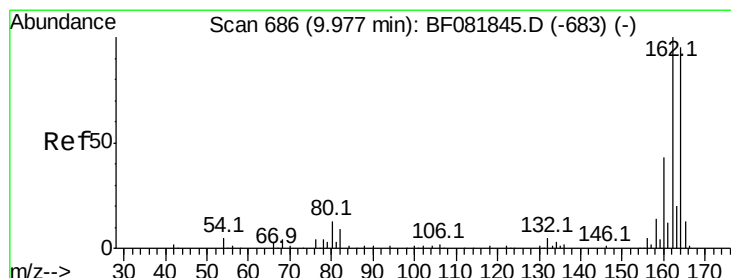
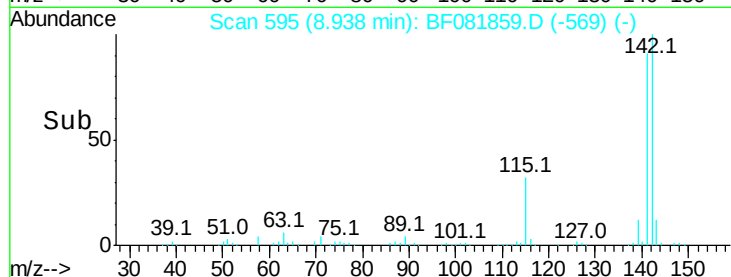
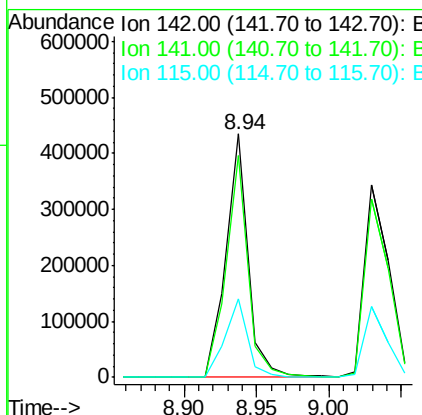
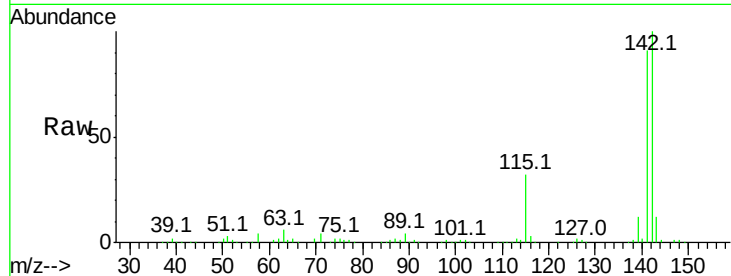
#37
2-Methylnaphthalene
Concen: 38.54 ng
RT: 8.94 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	463292		
141	91.0	67.5	101.3	
115	32.1	18.2	27.2	

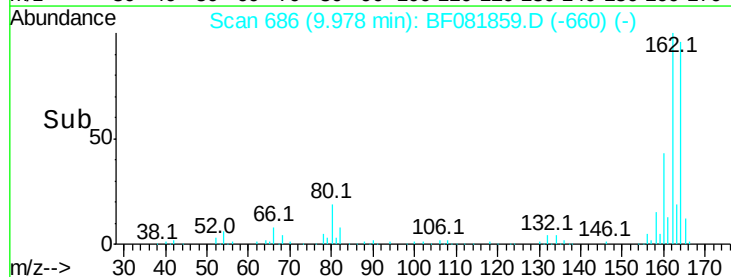
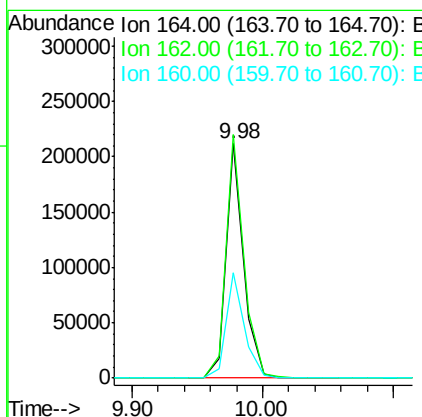
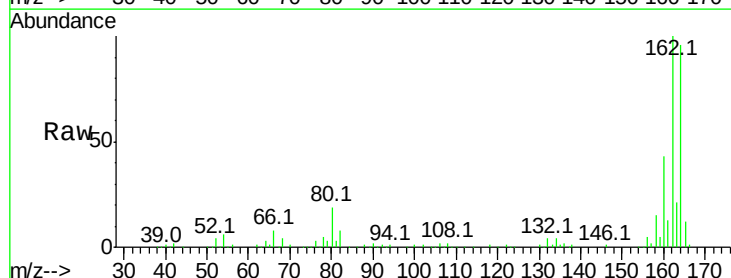
Manual Integrations
APPROVED

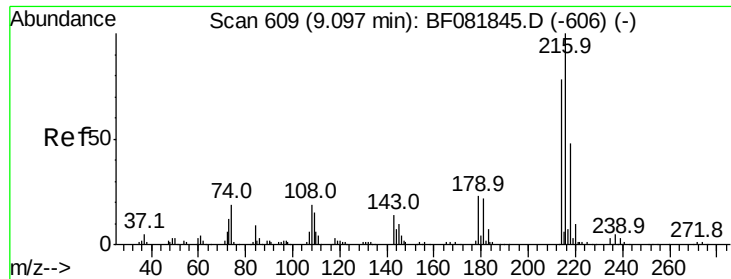
MMDadoda
9/29/2015 12:11:39 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	198003		
162	103.9	75.2	112.8	
160	44.8	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.96 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

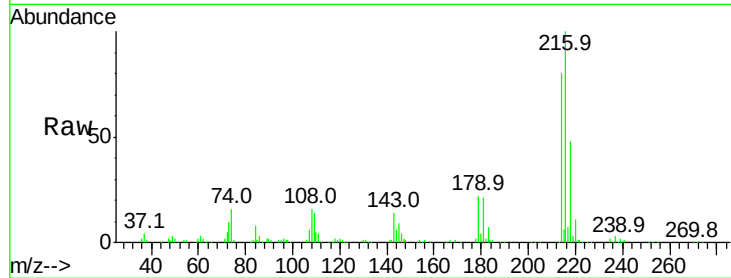
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	230741		
214	78.7	63.5	95.3	
179	21.2	16.6	24.8	
108	17.2	16.3	24.5	

Manual Integrations
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MMDadoda
9/29/2015 12:11:39 PM

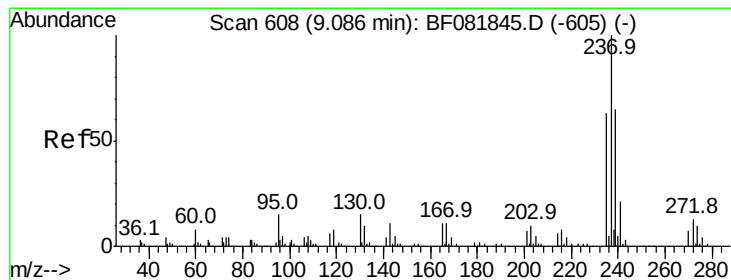
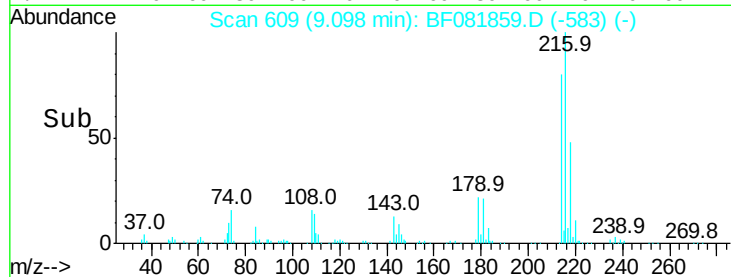
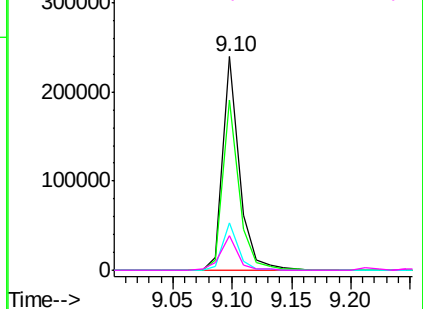


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.15 ng

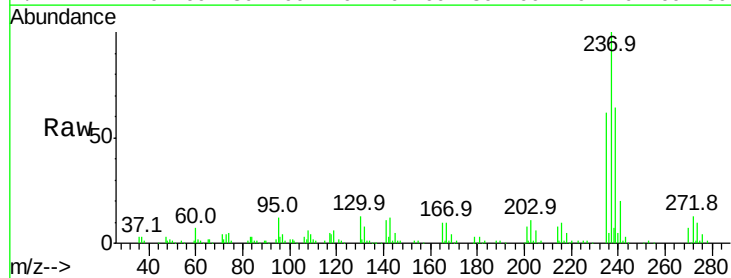
RT: 9.09 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

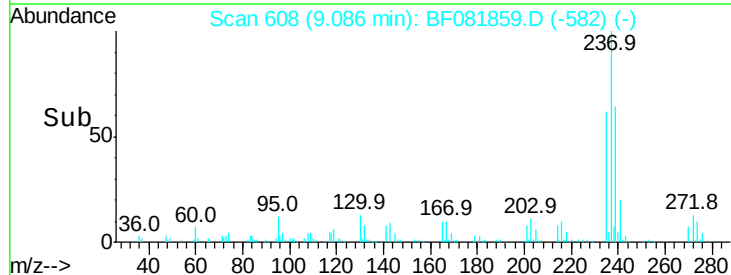
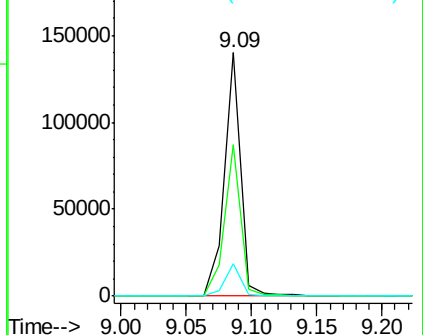
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	122554		
235	62.0	42.0	82.0	
272	13.5	0.0	36.1	

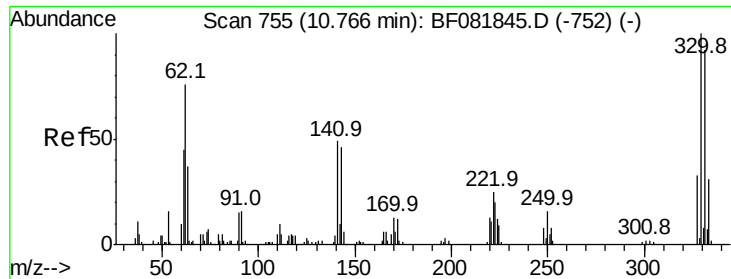


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





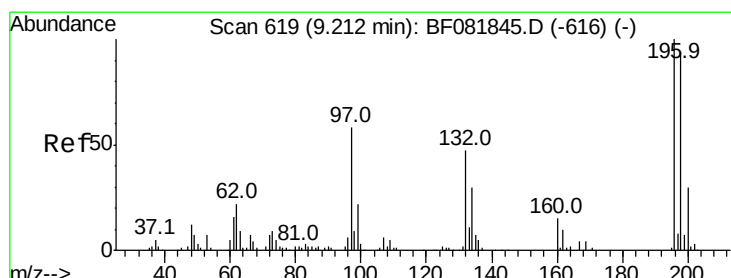
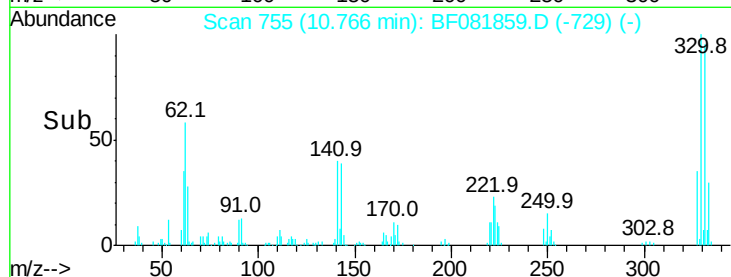
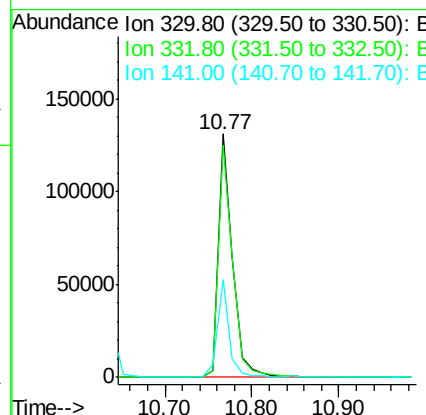
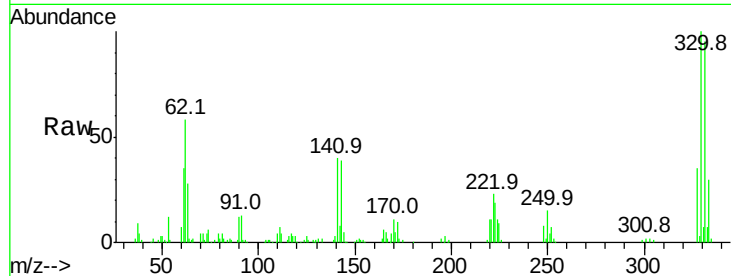
#41
 2,4,6-Tribromophenol
 Concen: 75.11 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	150624		
332	96.8	76.6	114.8	
141	33.8	29.7	44.5	

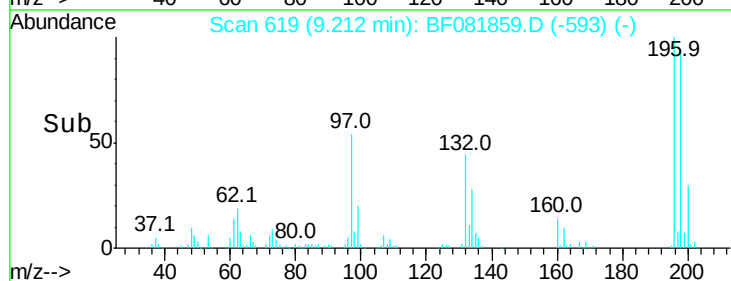
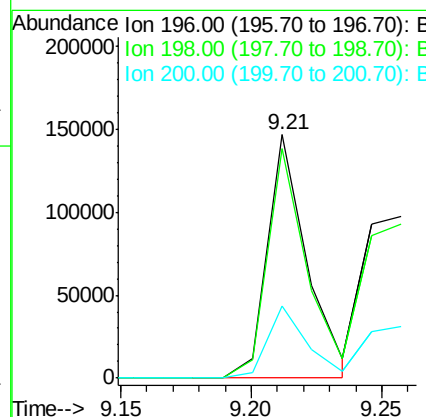
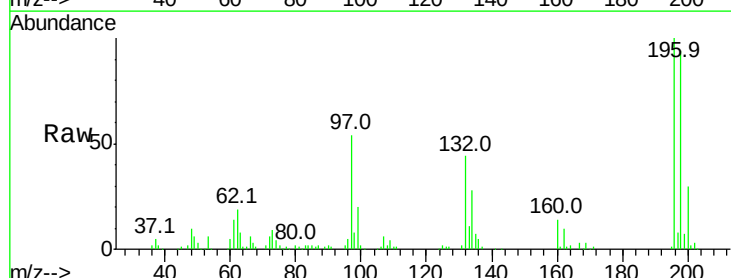
Manual Integrations
 APPROVED

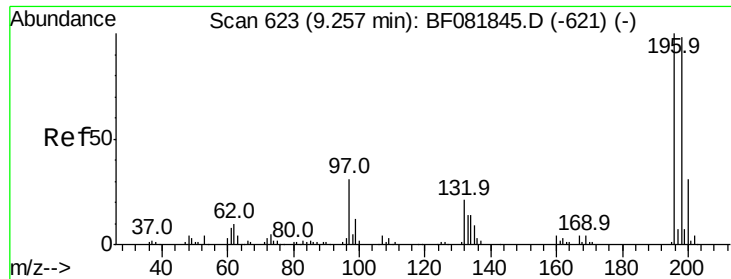
MMDadoda
 9/29/2015 12:11:39 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.30 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155429		
198	94.2	75.7	113.5	
200	29.8	23.9	35.9	





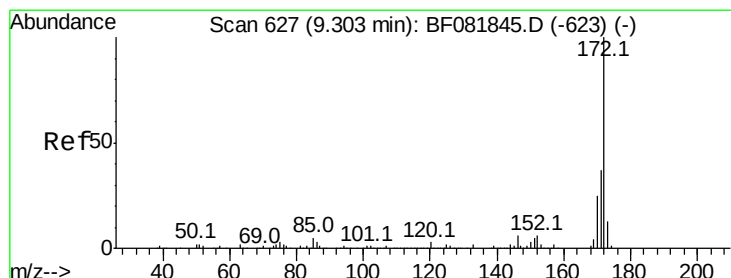
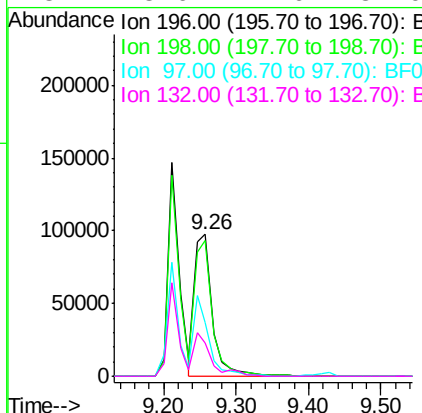
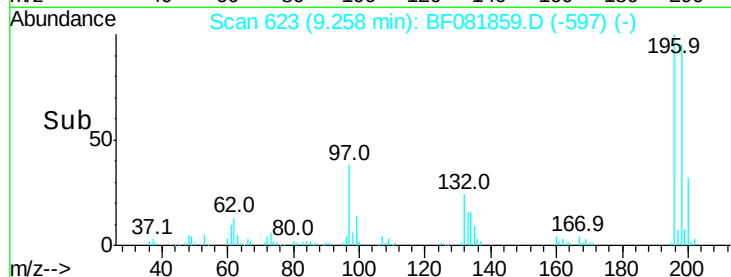
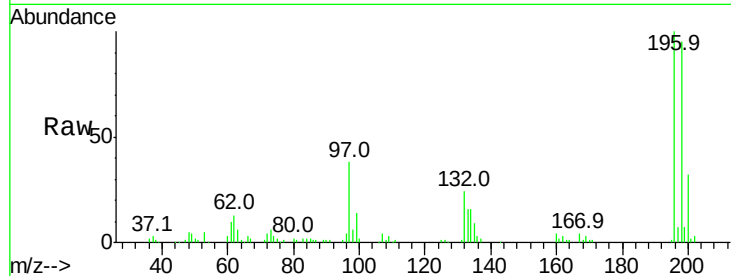
#43
 2,4,5-Trichlorophenol
 Concen: 39.48 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	169172		
198	95.5	75.4	113.0	
97	38.0	33.3	49.9	
132	23.6	24.6	37.0#	

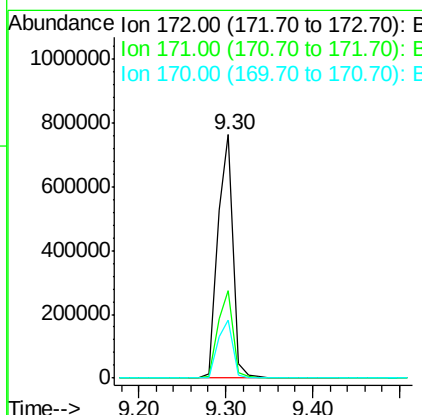
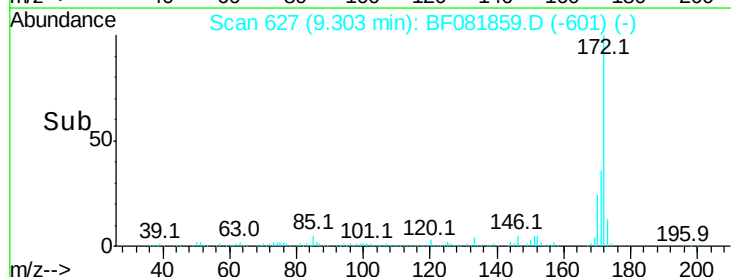
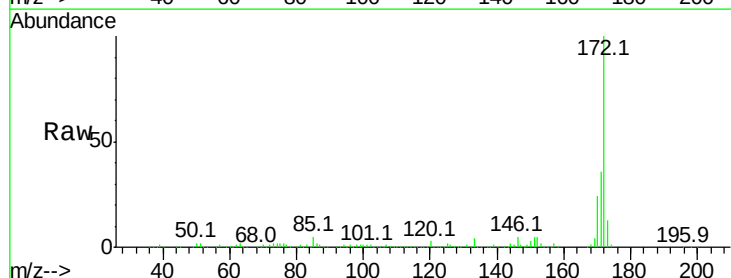
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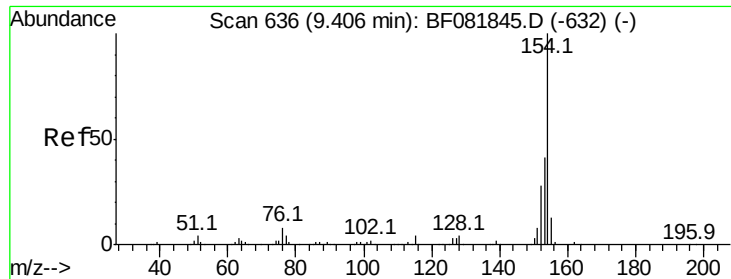
MMDadoda
 9/29/2015 12:11:39 PM



#44
 2-Fluorobiphenyl
 Concen: 78.23 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	940164		
171	35.7	26.1	39.1	
170	23.9	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 36.24 ng

RT: 9.39 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

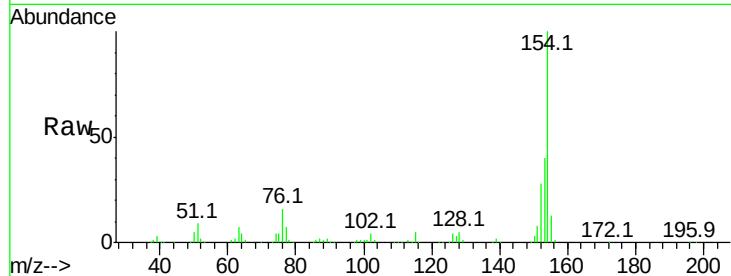
ClientSampleId :

SSTDCCC040EC

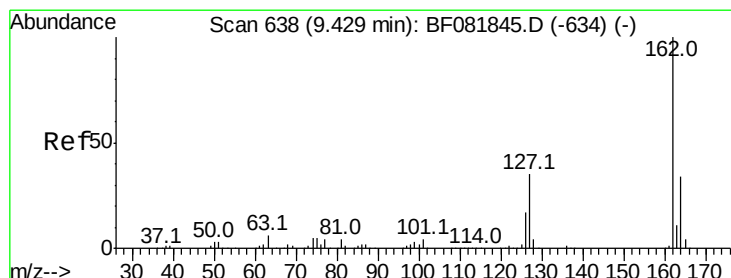
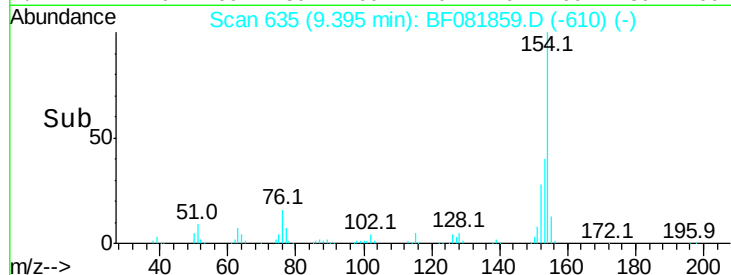
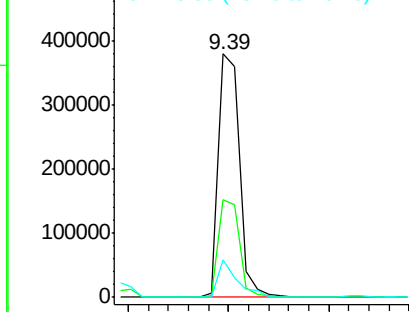
Tot Ion:	154	Resp:	553656
Ion Ratio	Lower	Upper	
154	100		
153	40.0	17.1	57.1
76	15.6	0.0	31.6

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



#46

2-Chloronaphthalene

Concen: 38.09 ng

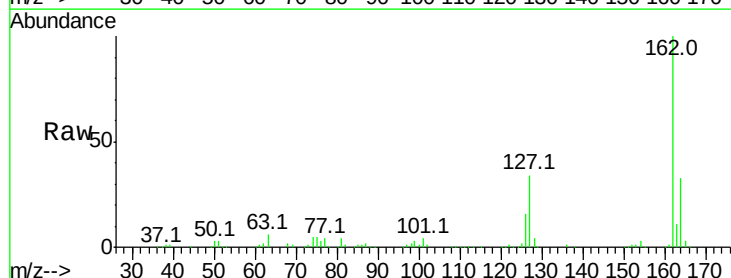
RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

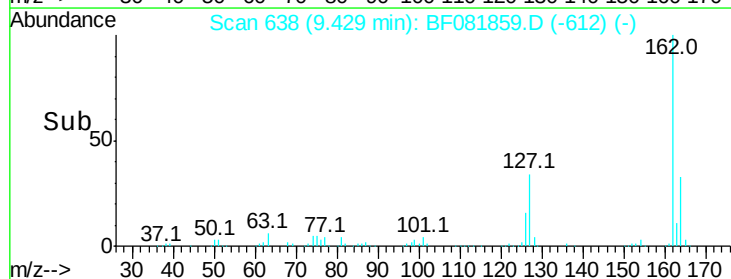
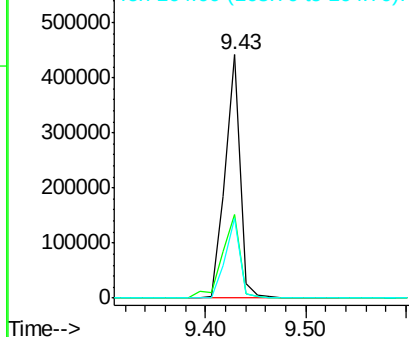
Lab File: BF081859.D

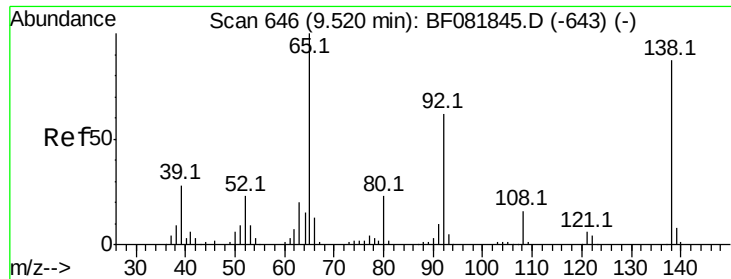
Acq: 28 Sep 2015 23:19

Tgt Ion:	162	Resp:	456879
Ion Ratio	Lower	Upper	
162	100		
127	34.4	27.6	41.4
164	32.7	25.4	38.2



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





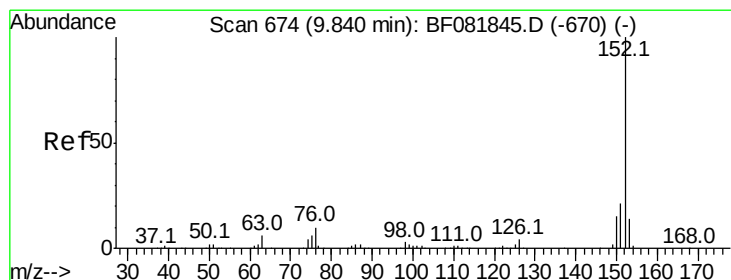
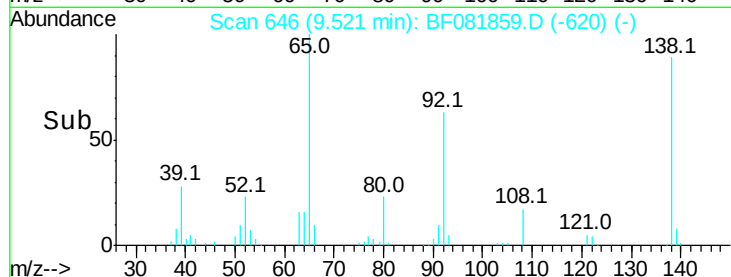
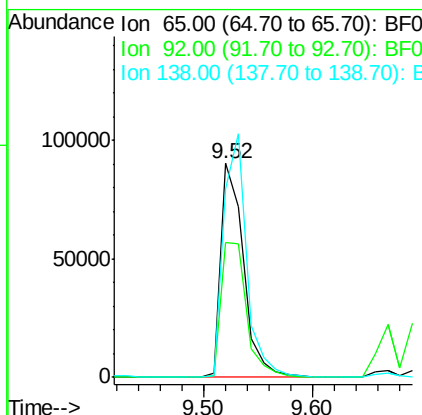
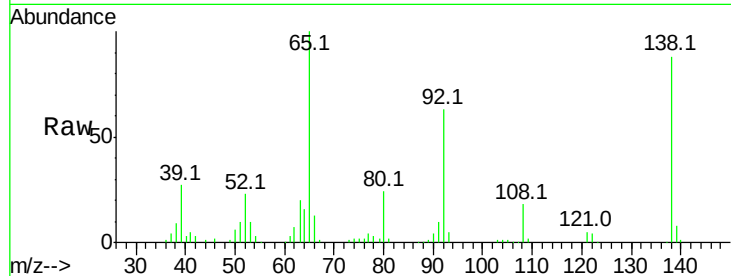
#47
2-Nitroaniline
Concen: 37.21 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	55.4	83.0
138	88.1	115.5	173.3

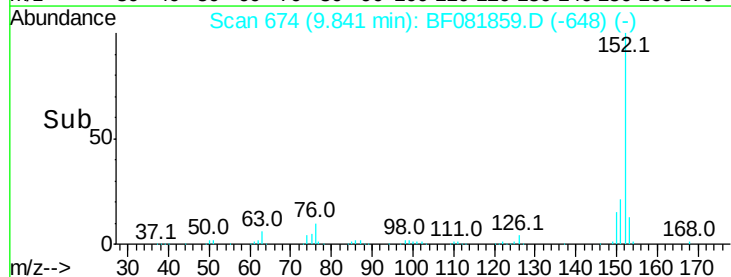
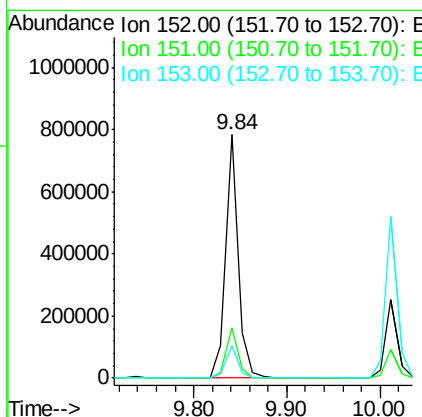
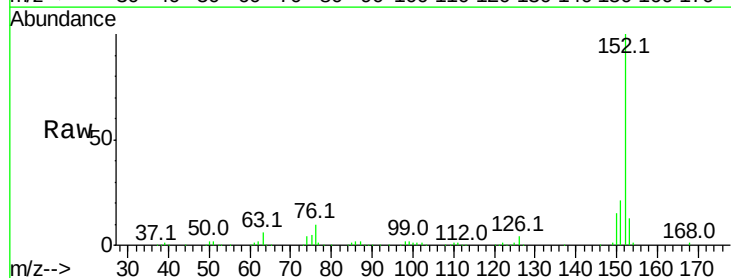
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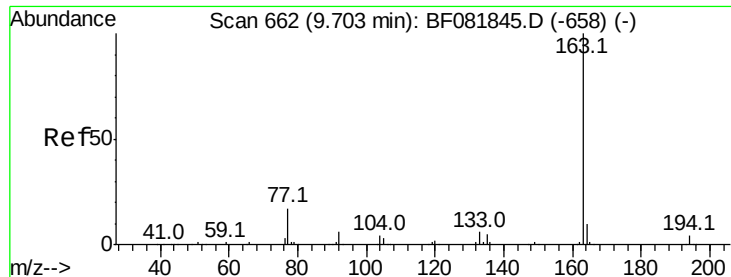
MMDadoda
9/29/2015 12:11:39 PM



#48
Acenaphthylene
Concen: 37.90 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	14.6	22.0
153	13.4	10.3	15.5





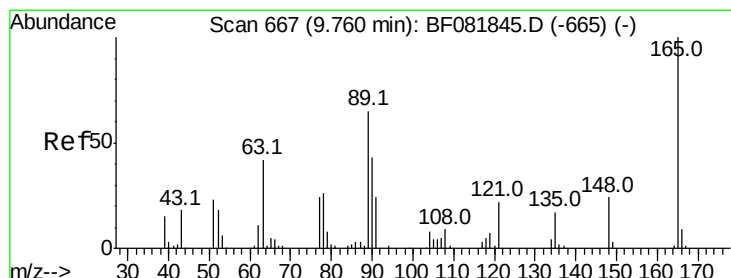
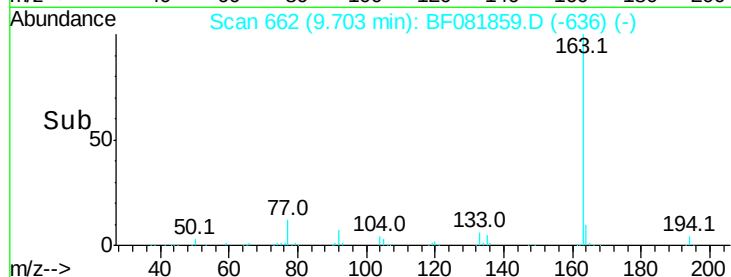
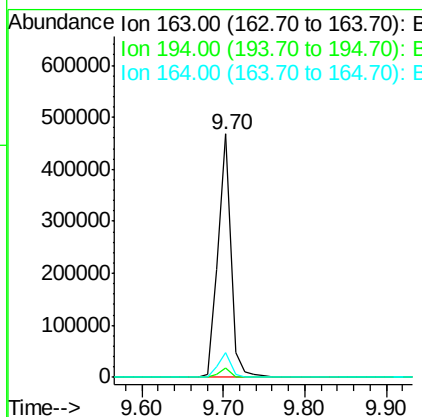
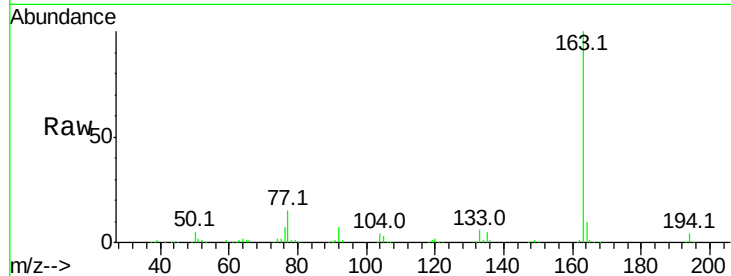
#49
Dimethylphthalate
Concen: 37.84 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100	517160		
194	3.7		4.4	6.6#
164	10.1		8.3	12.5

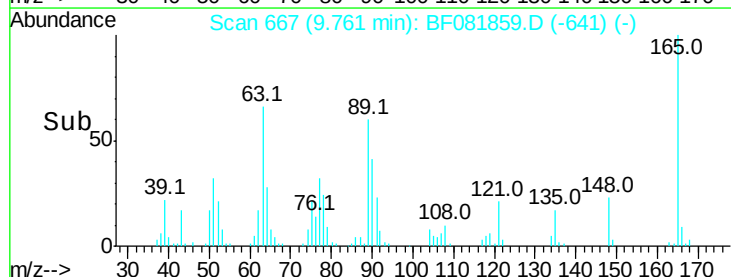
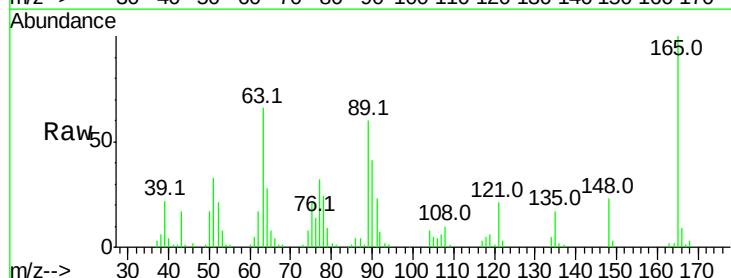
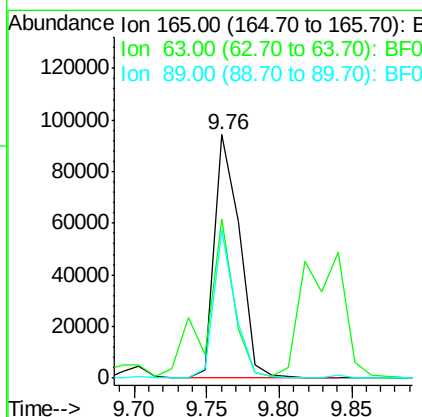
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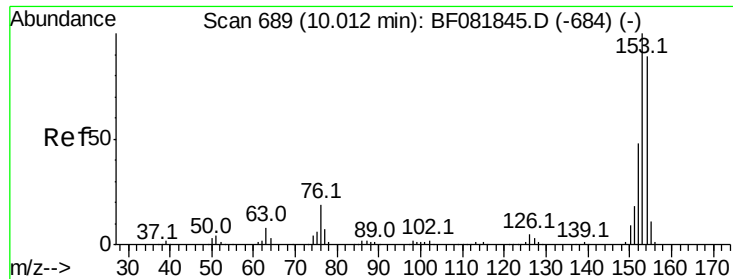
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#50
2,6-Dinitrotoluene
Concen: 38.27 ng
RT: 9.76 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113555		
63	65.6		32.3	48.5#
89	60.4		28.6	43.0#





#51

Acenaphthene

Concen: 37.53 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

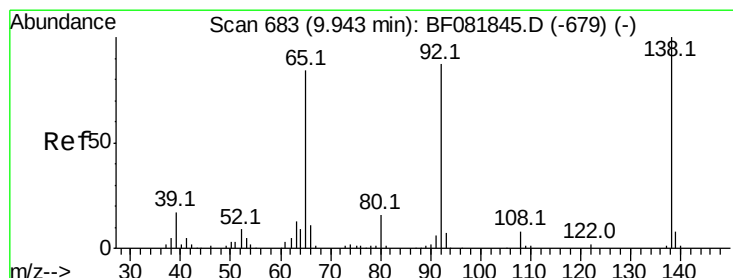
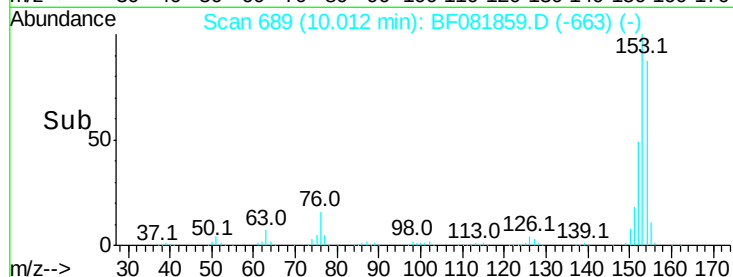
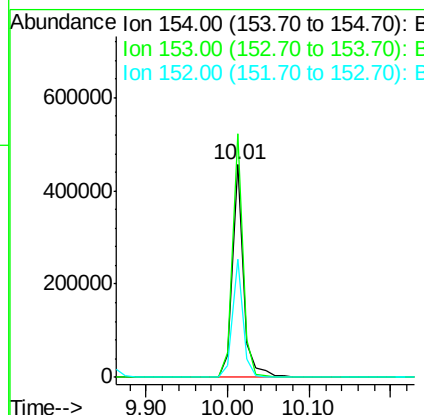
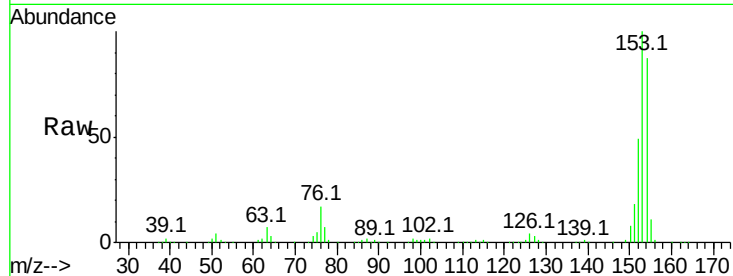
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	427792
Ion	Ratio	Lower	Upper
154	100		
153	114.6	82.1	123.1
152	55.6	37.9	56.9

Manual Integrations
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#52

3-Nitroaniline

Concen: 38.29 ng

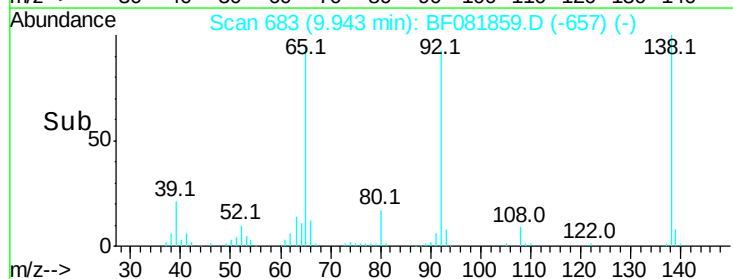
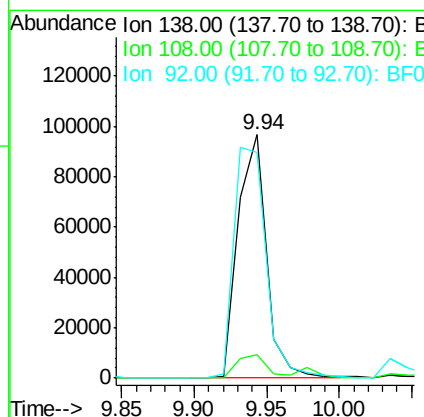
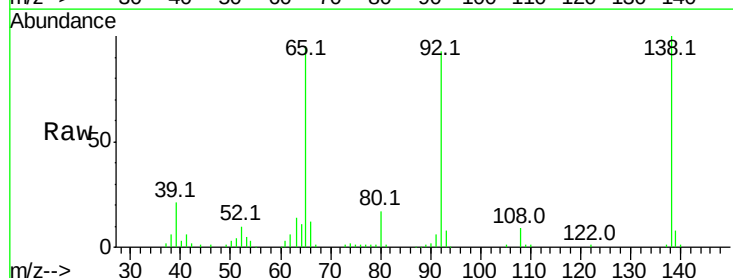
RT: 9.94 min Scan# 683

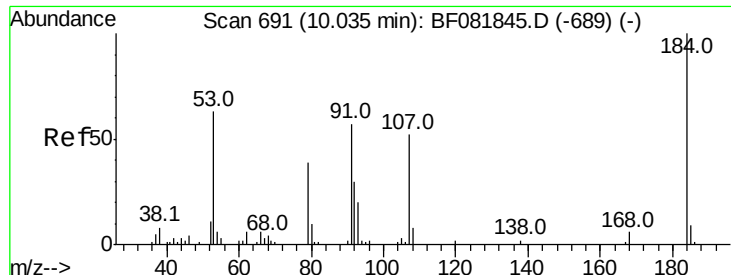
Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tgt Ion:	138	Resp:	131464
Ion	Ratio	Lower	Upper
138	100		
108	9.4	5.7	8.5#
92	92.9	67.7	101.5





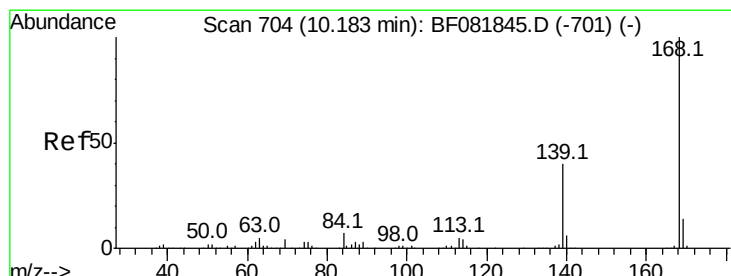
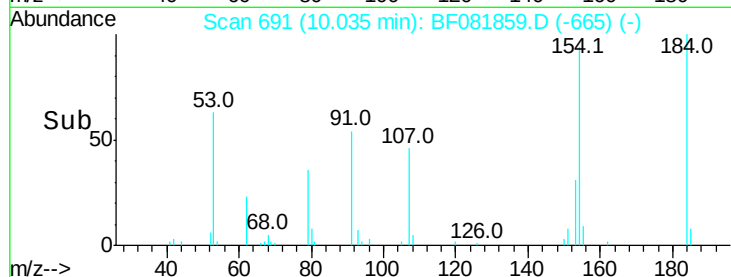
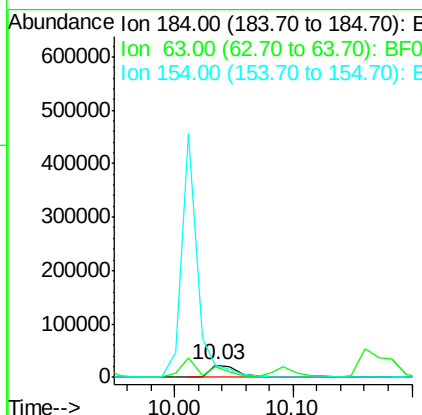
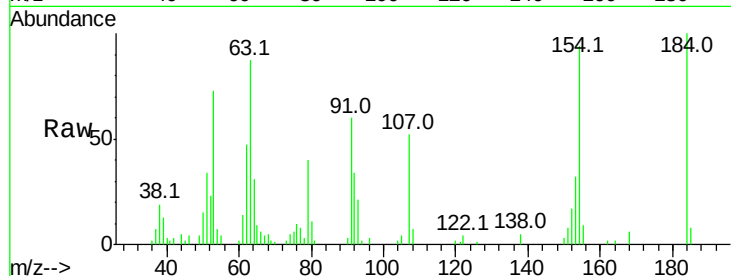
#53
 2,4-Dinitrophenol
 Concen: 40.16 ng
 RT: 10.03 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	87.0	35.4	53.2#	
154	94.3	32.2	48.4#	

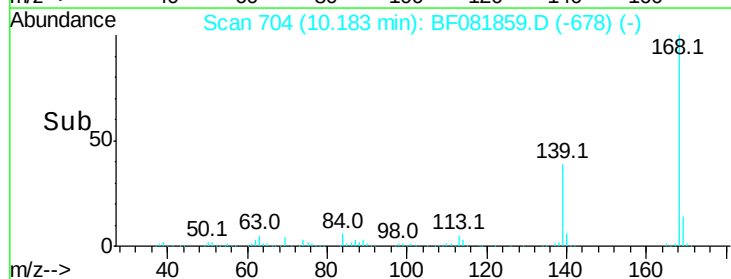
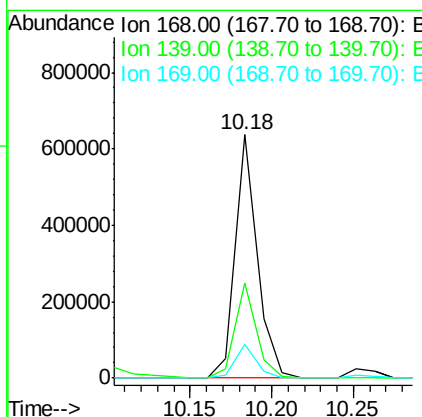
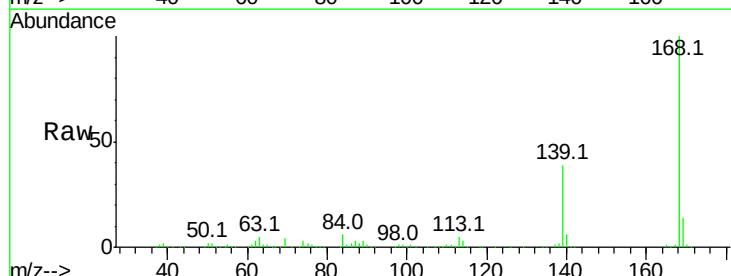
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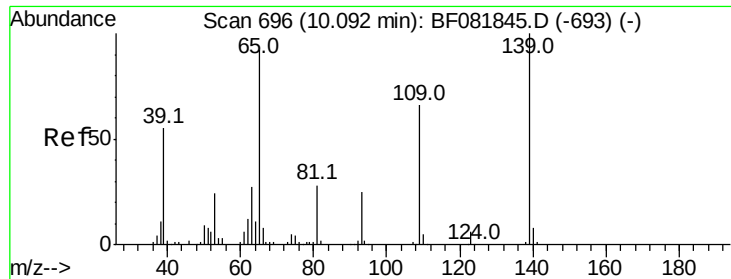
MMDadoda
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#54
 Dibenzofuran
 Concen: 36.72 ng
 RT: 10.18 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8	24.2	36.2#	
169	13.6	10.6	15.8	





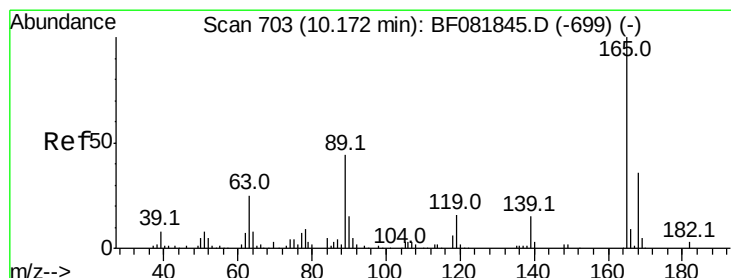
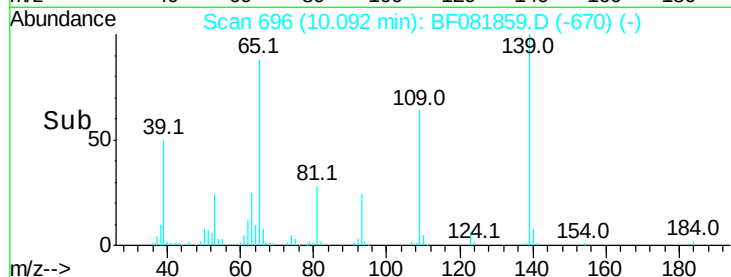
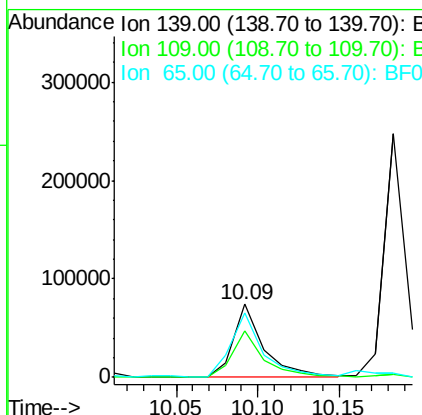
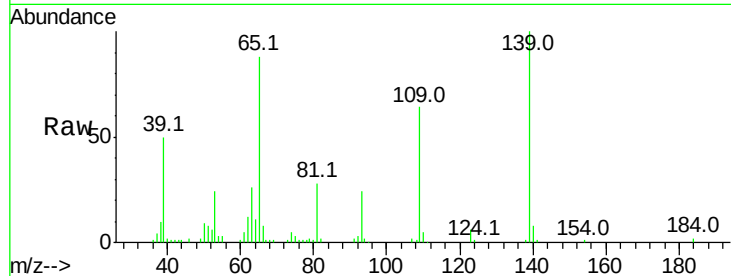
#55
4-Nitrophenol
Concen: 38.96 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.3	12.7	52.7#
65	88.0	45.9	85.9#

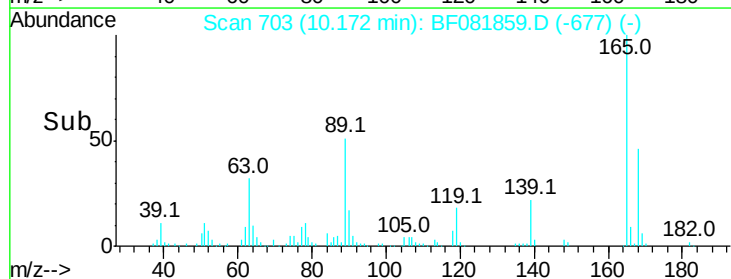
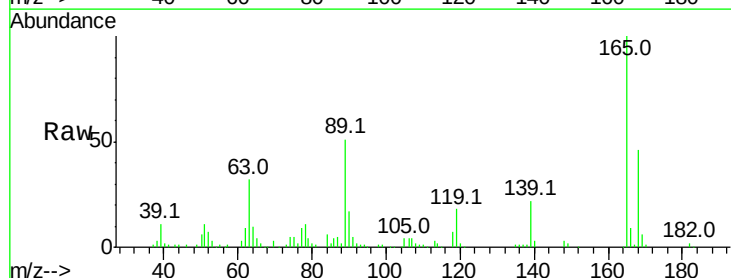
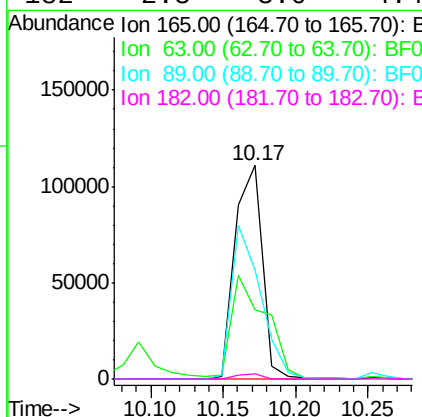
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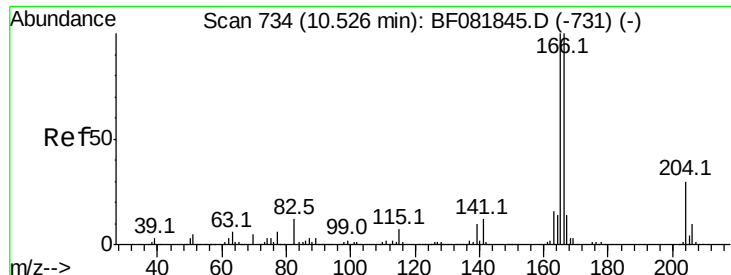
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 38.29 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.1	29.8	44.6
89	50.9	44.5	66.7
182	2.3	3.0	4.4#





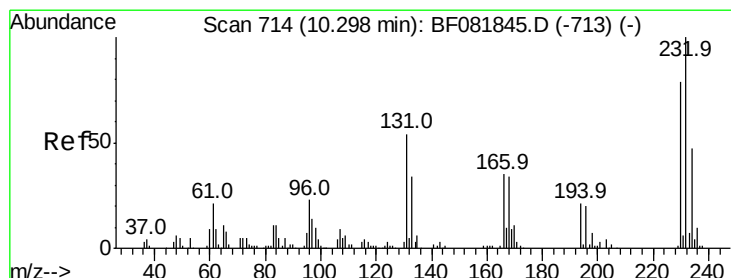
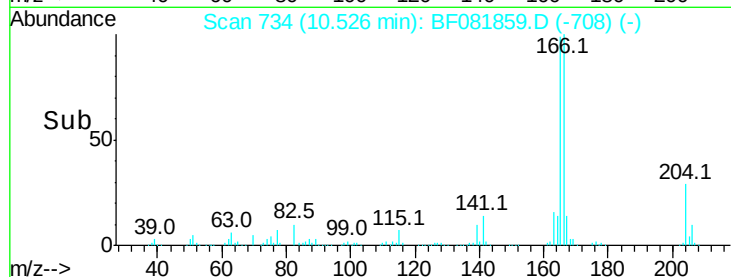
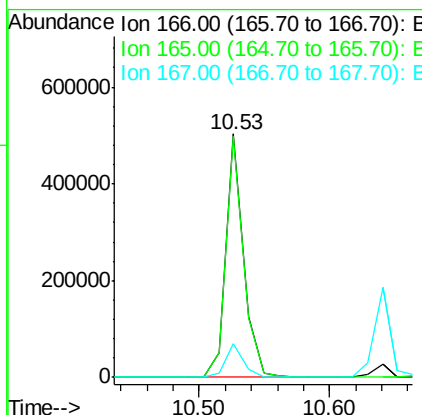
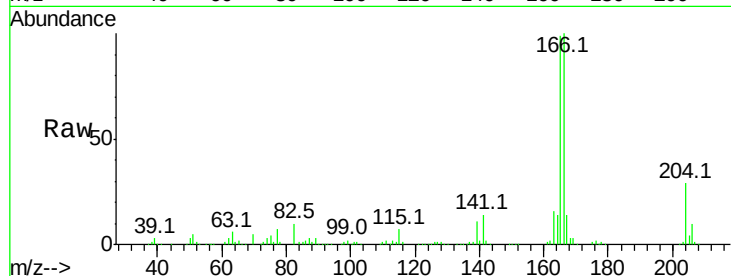
#57
 Fluorene
 Concen: 41.04 ng
 RT: 10.53 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
166	100	475099		
165	98.9	72.6	109.0	
167	13.8	10.6	16.0	

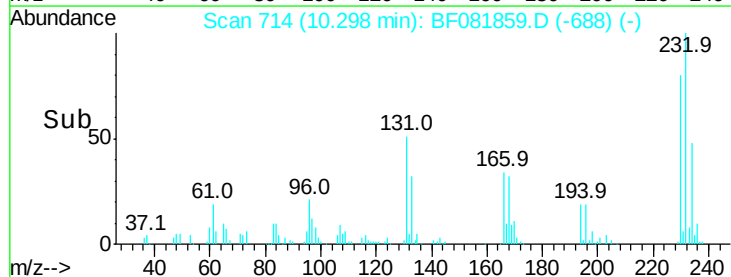
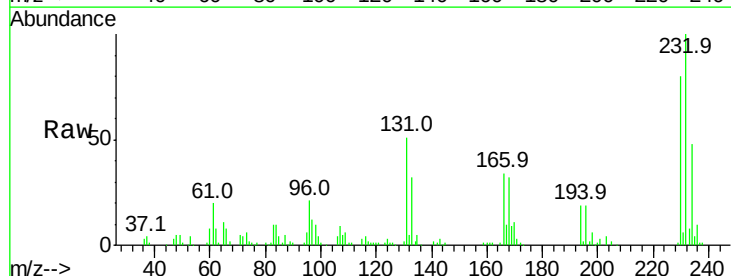
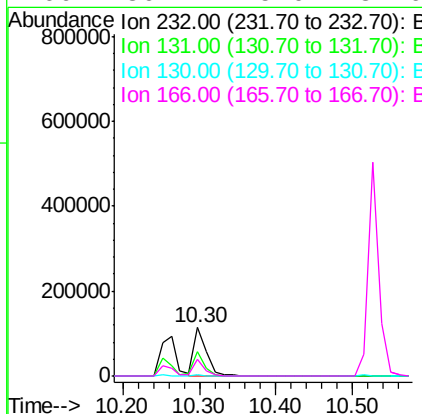
Manual Integrations
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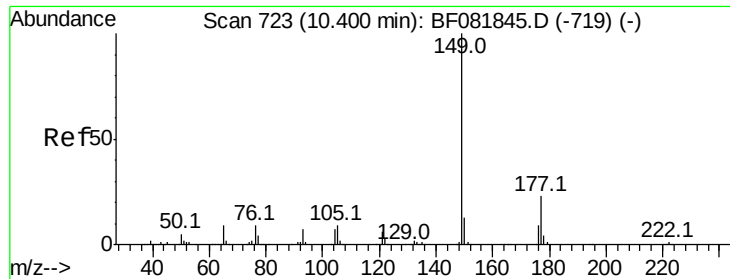
MMDadoda
 9/29/2015 12:11:39 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.81 ng
 RT: 10.30 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	131931		
131	44.2	38.5	57.7	
130	1.8	1.8	2.6	
166	30.7	25.0	37.6	





#59

Diethylphthalate

Concen: 38.56 ng

RT: 10.40 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

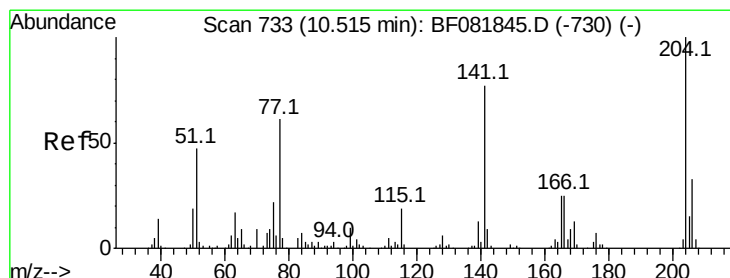
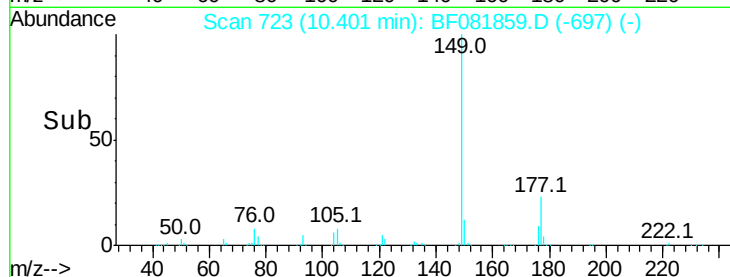
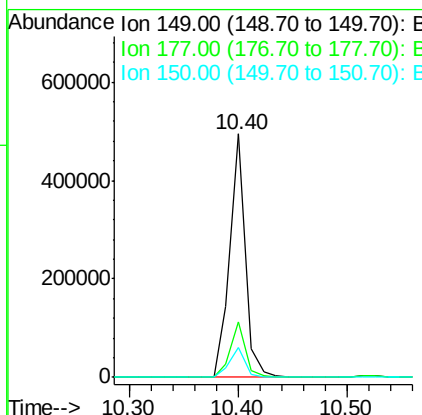
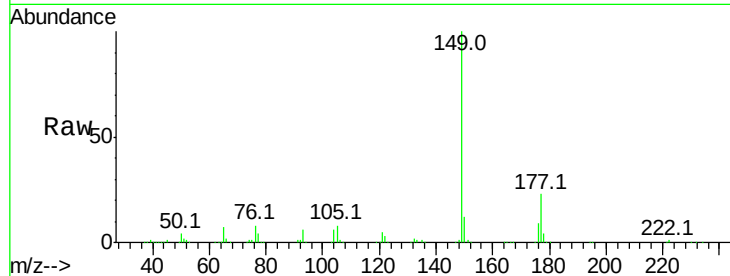
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	492263
Ion Ratio	Lower	Upper	
149	100		
177	23.0	17.5	26.3
150	12.4	9.4	14.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.34 ng

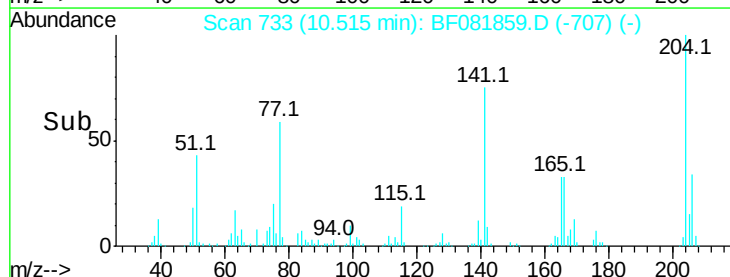
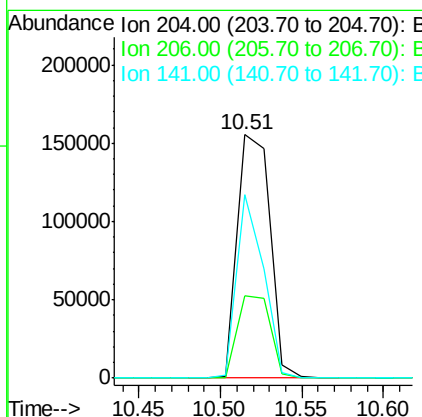
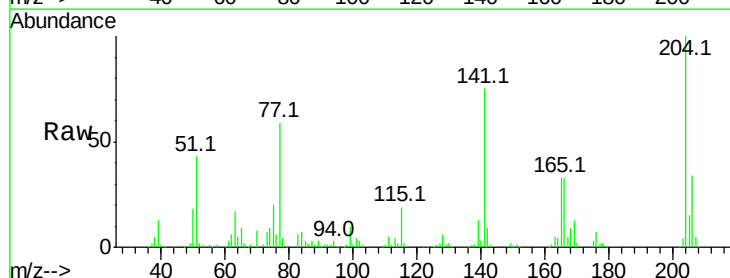
RT: 10.51 min Scan# 733

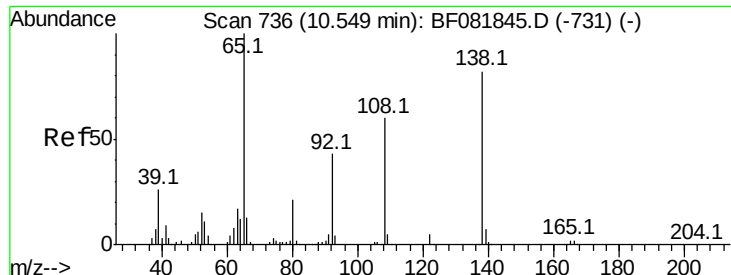
Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tgt Ion:	204	Resp:	214349
Ion Ratio	Lower	Upper	
204	100		
206	33.7	24.8	37.2
141	75.2	42.2	63.4#





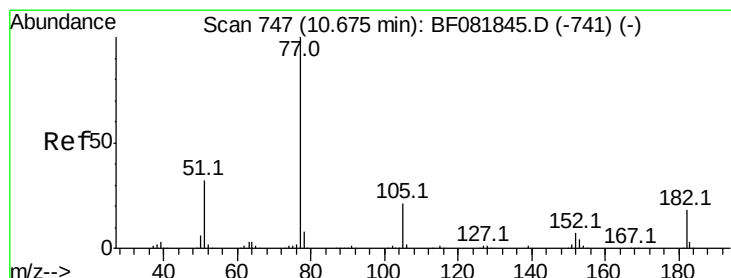
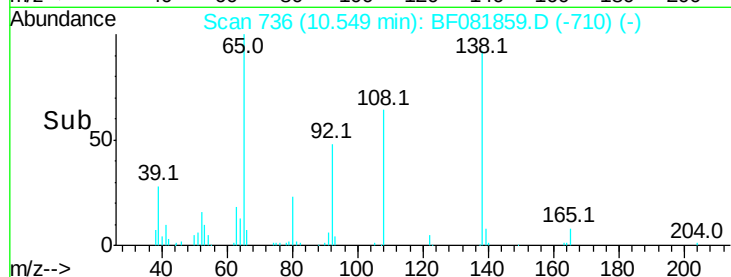
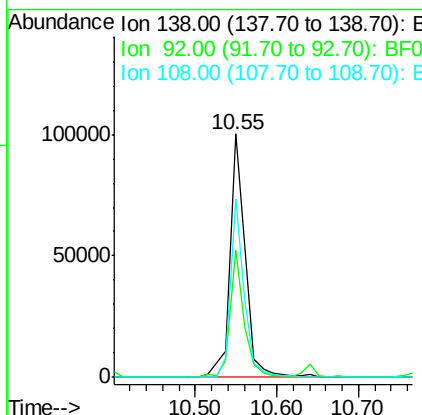
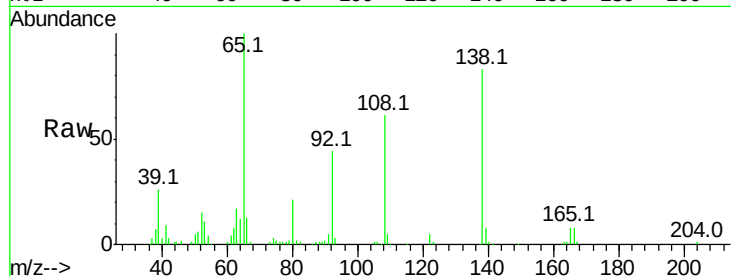
#61
4-Nitroaniline
Concen: 37.70 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
138	100	129755		
92	52.3	12.6	52.6	
108	73.2	12.4	52.4#	

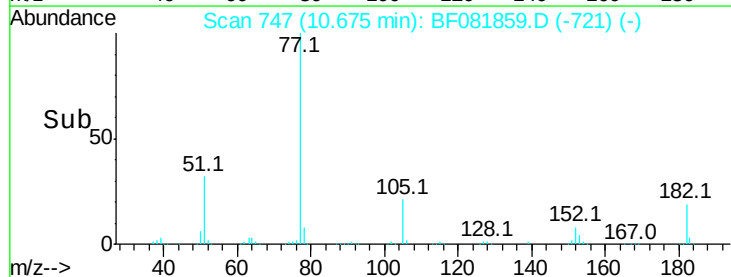
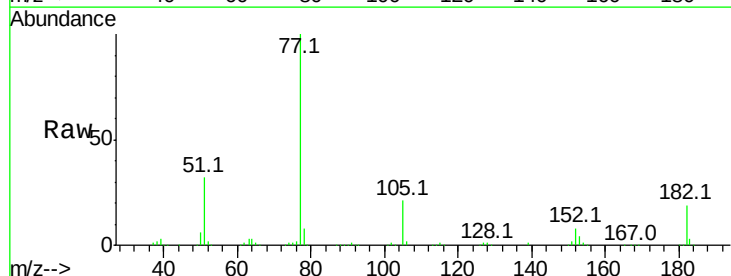
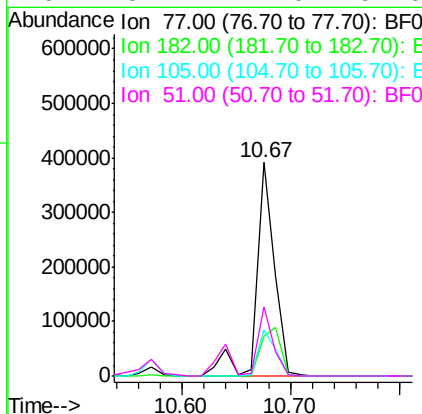
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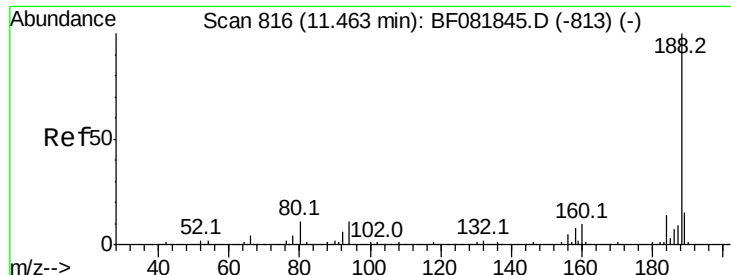
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9/29/2015 12:11:39 PM



#62
Azobenzene
Concen: 36.48 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	454558		
182	18.6	15.1	55.1	
105	21.3	3.4	43.4	
51	32.1	12.0	52.0	





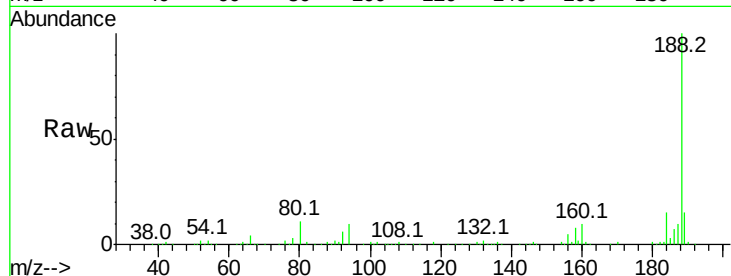
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

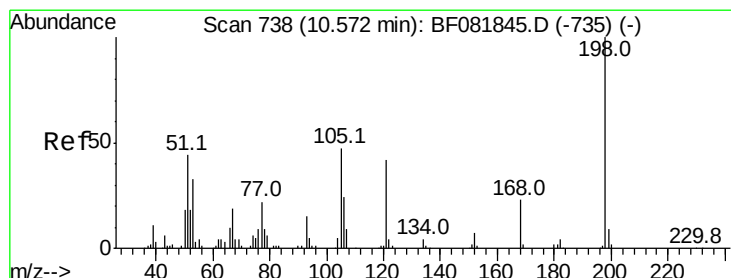
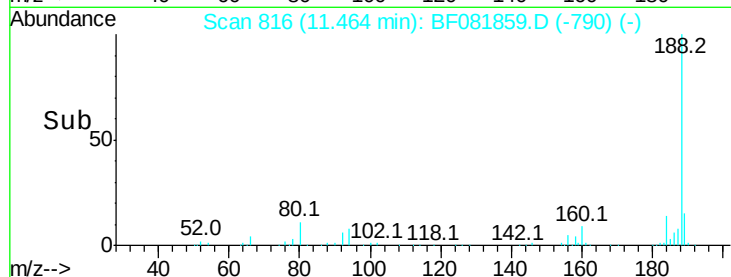
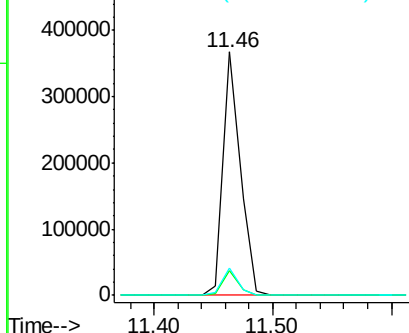
Tot Ion	Ratio	Resp	Lower	Upper
188	100	369050		
94	10.2		11.1	16.7#
80	11.2		11.0	16.4

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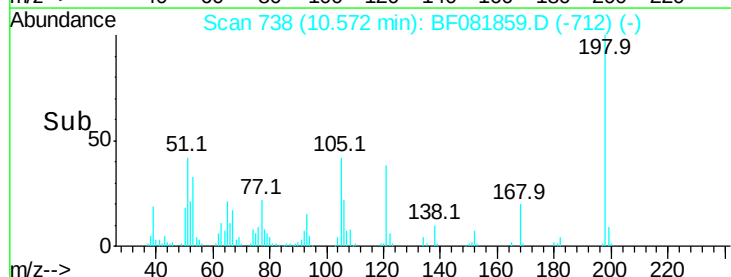
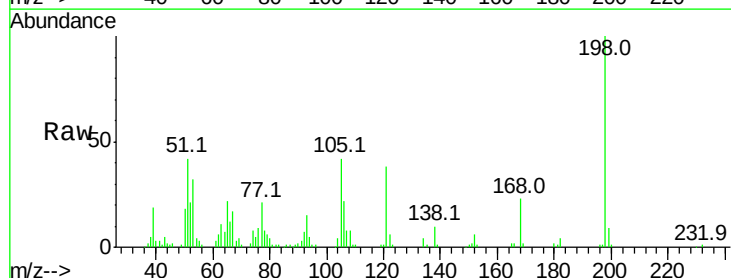
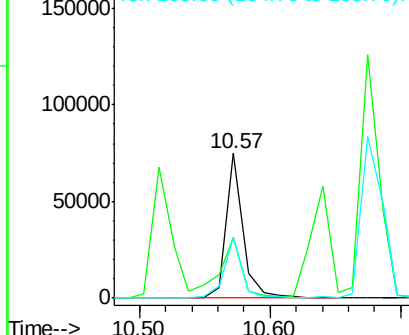
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

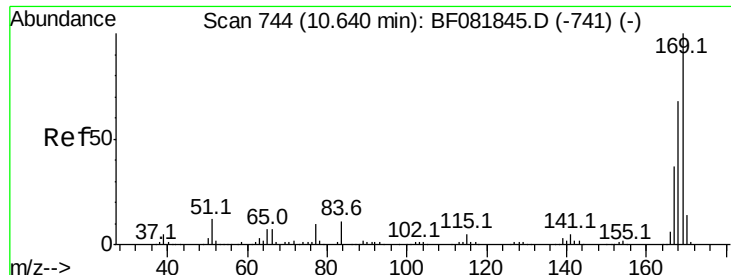


#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.41 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	67048		
51	41.7		39.6	79.6
105	42.0		28.5	68.5

Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





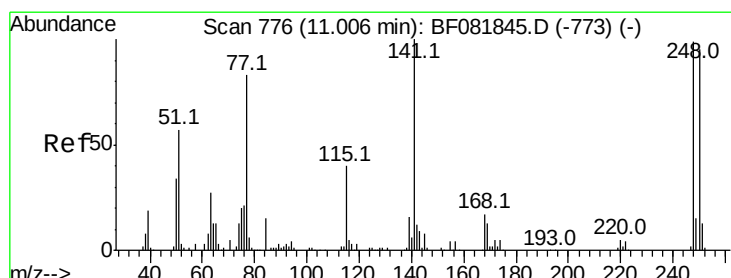
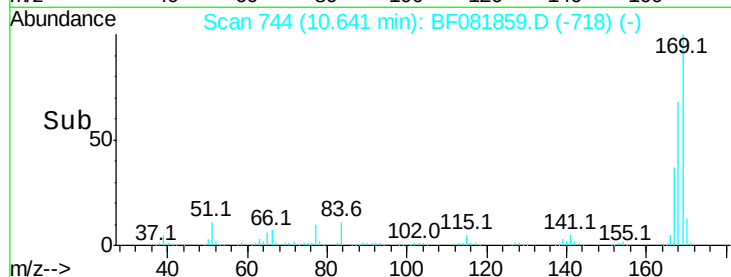
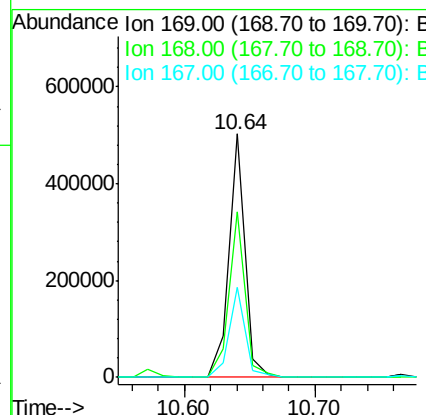
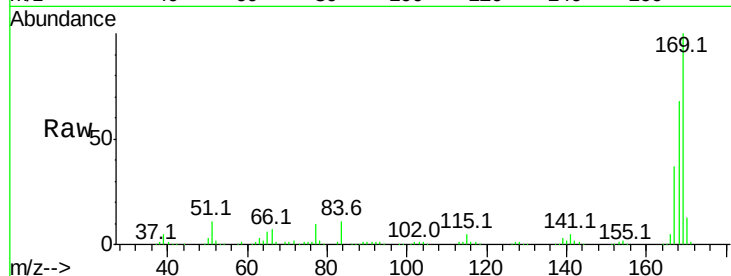
#65
 n-Nitrosodiphenylamine
 Concen: 38.92 ng
 RT: 10.64 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	434564		
168	68.0		48.9	73.3
167	37.1		26.2	39.4

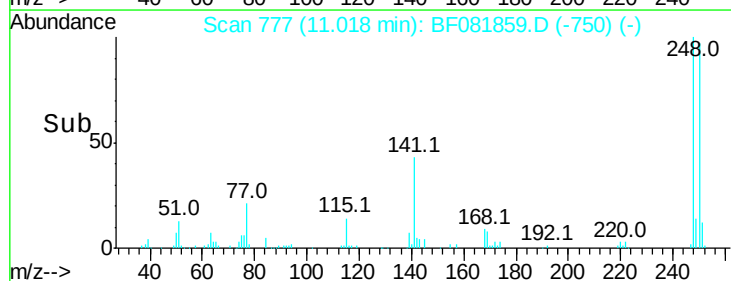
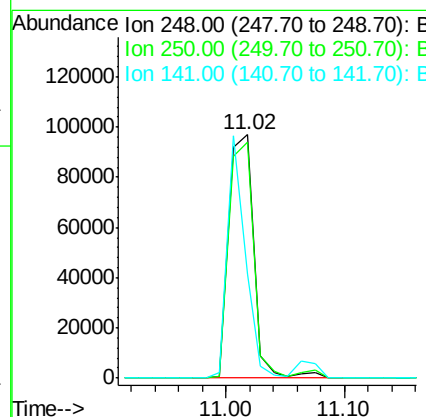
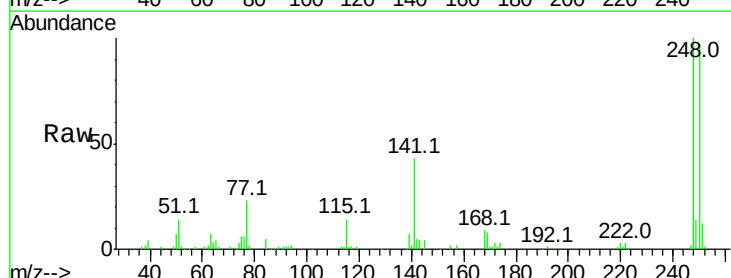
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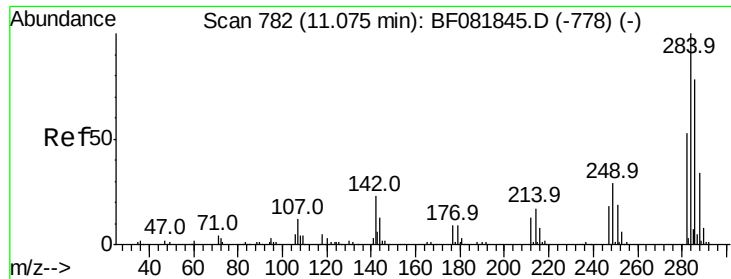
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#66
 4-Bromophenyl-phenylether
 Concen: 37.83 ng
 RT: 11.02 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140756		
250	96.7		78.5	117.7
141	43.0		59.0	88.6#





#67

Hexachlorobenzene

Concen: 38.25 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

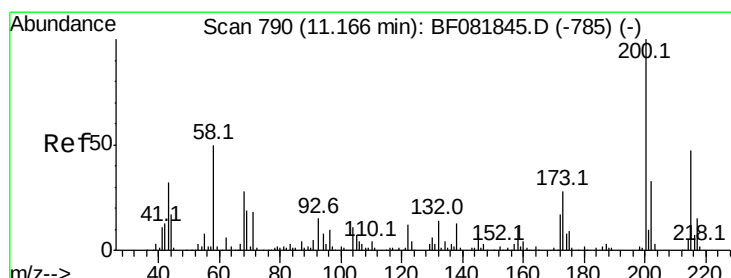
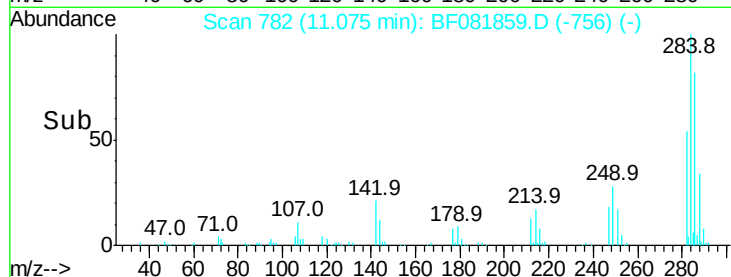
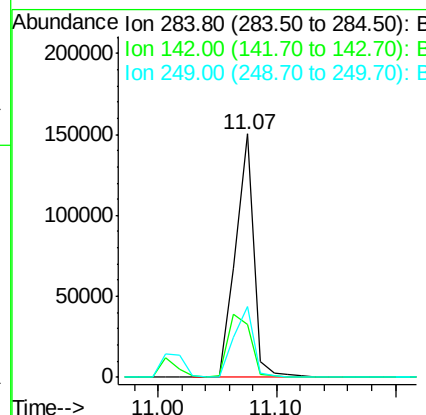
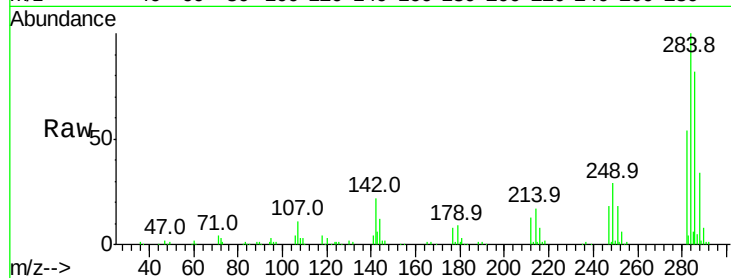
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	21.9	29.5	44.3#	
249	29.0	19.5	29.3	

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9/29/2015 12:11:39 PM



#68

Atrazine

Concen: 40.24 ng

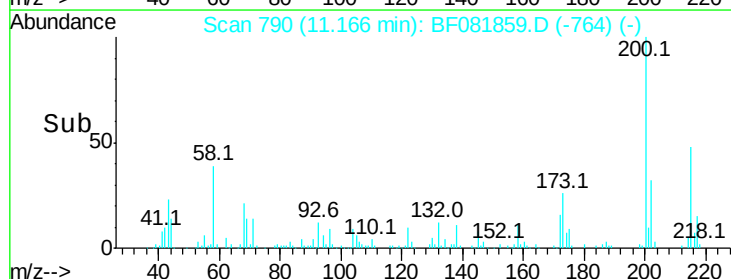
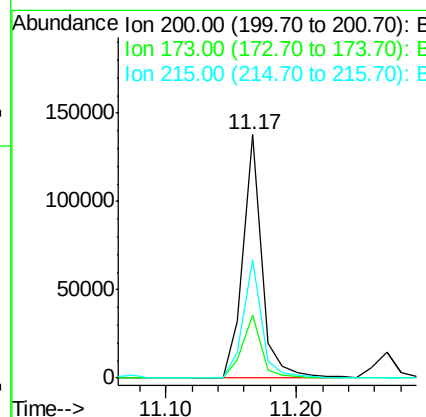
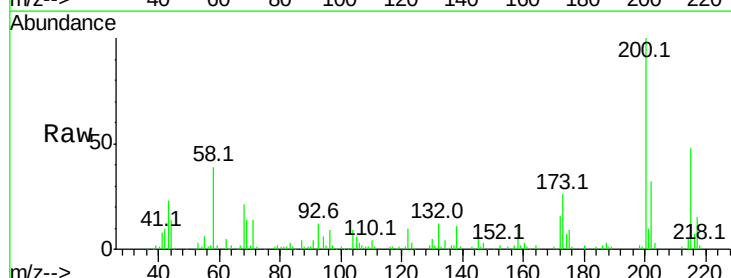
RT: 11.17 min Scan# 790

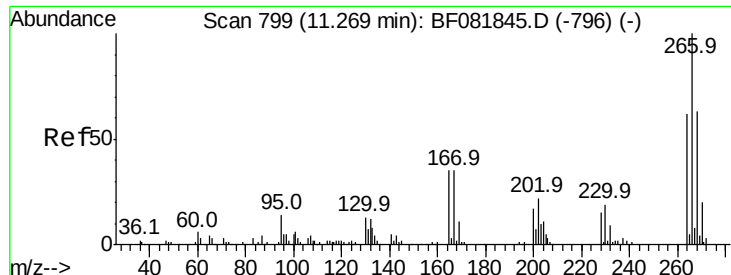
Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.2	13.2	53.2	
215	48.4	41.8	81.8	





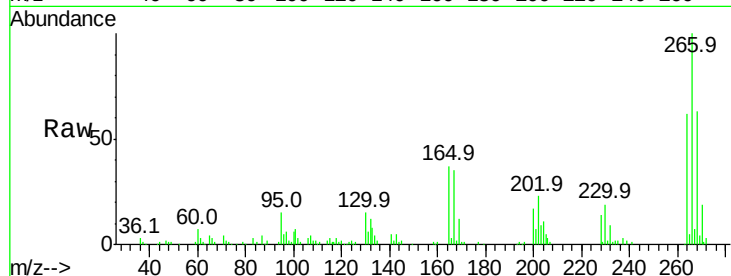
#69
 Pentachlorophenol
 Concen: 39.80 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

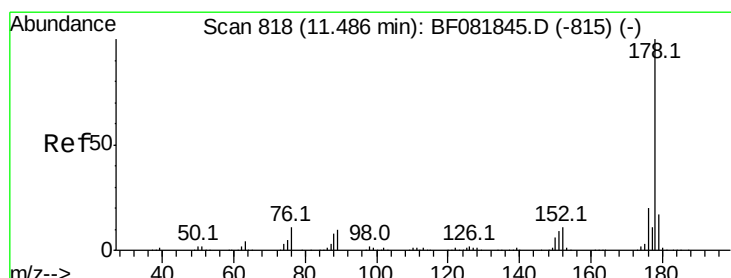
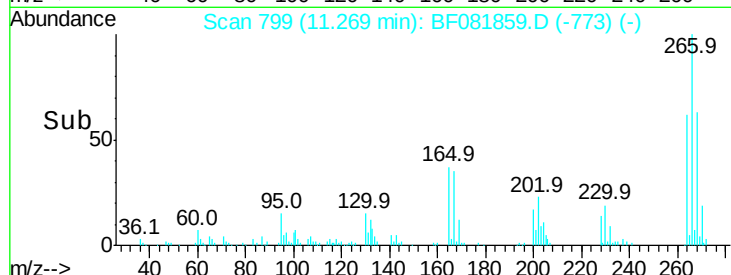
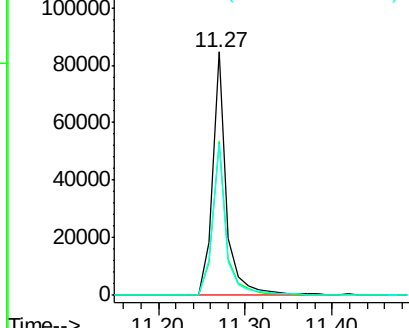
Tot Ion	Ratio	Resp	Lower	Upper
266	100	95223		
268	63.2		49.8	74.6
264	62.1		50.2	75.2

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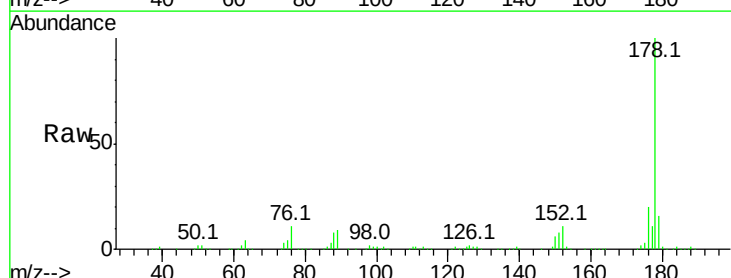


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

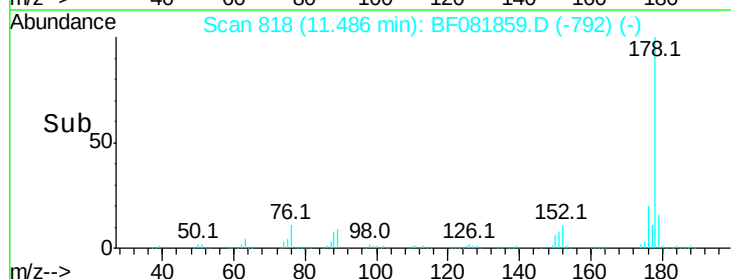
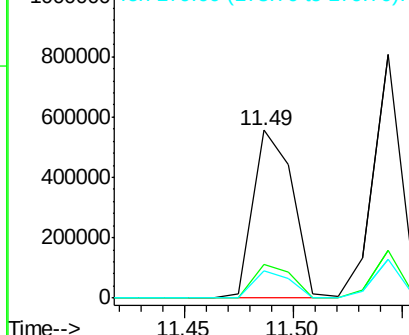


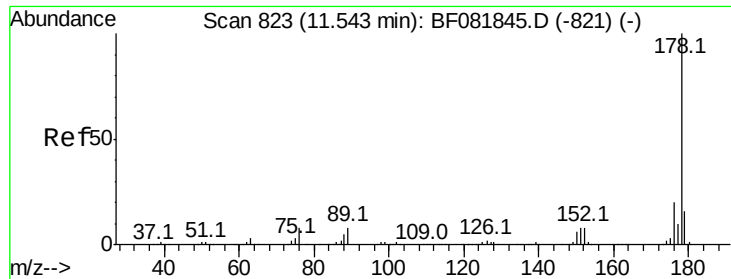
#70
 Phenanthrene
 Concen: 39.67 ng
 RT: 11.49 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	708044		
176	19.8		13.8	20.8
179	16.3		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





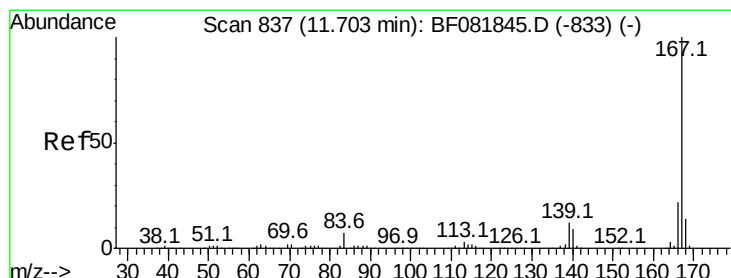
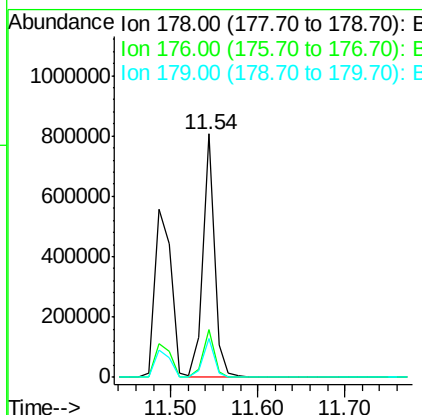
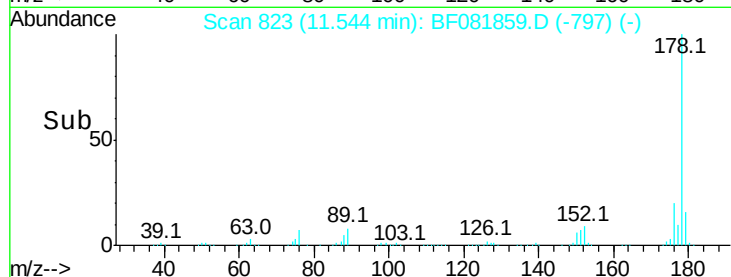
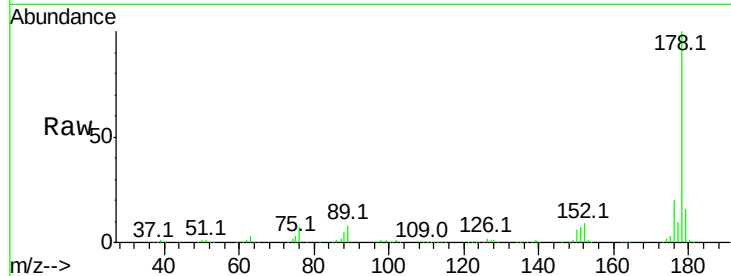
#71
 Anthracene
 Concen: 39.21 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.1	21.1
179	15.8	12.2	18.2

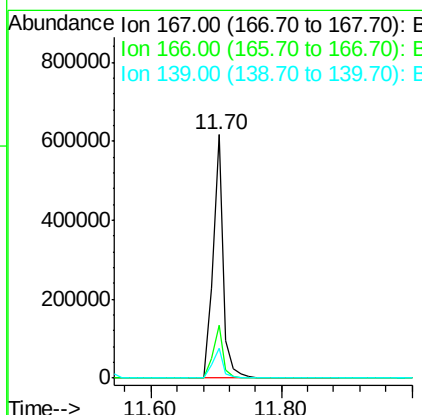
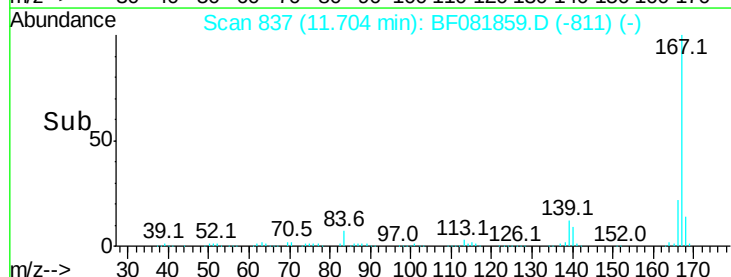
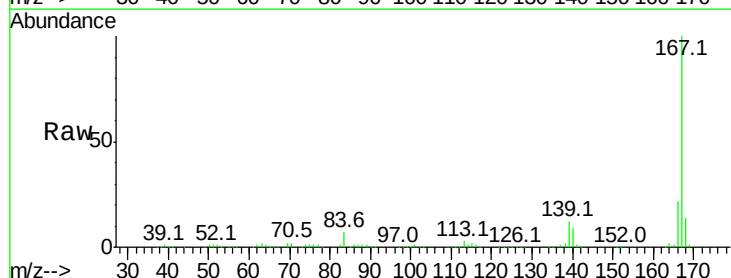
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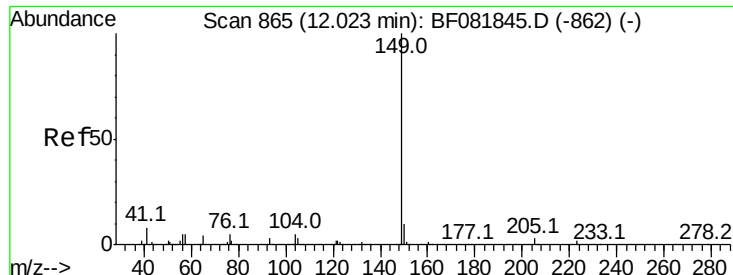
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#72
 Carbazole
 Concen: 39.94 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	15.7	23.5
139	12.3	9.5	14.3





#73

Di-n-butylphthalate

Concen: 42.39 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

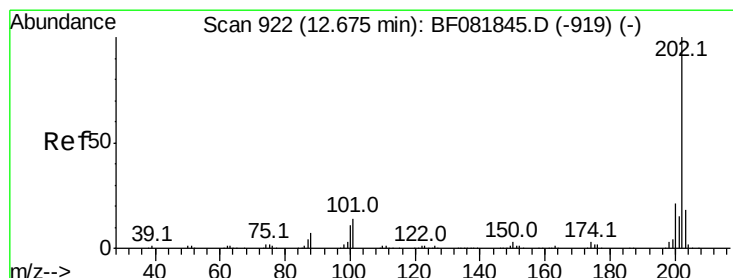
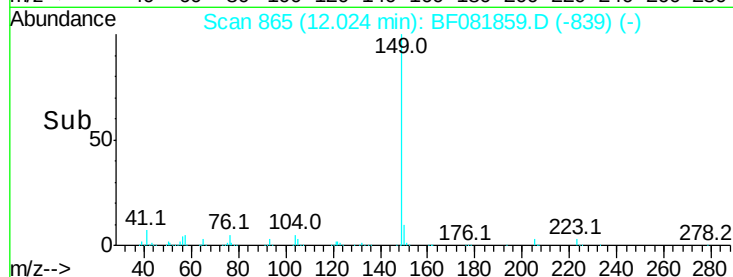
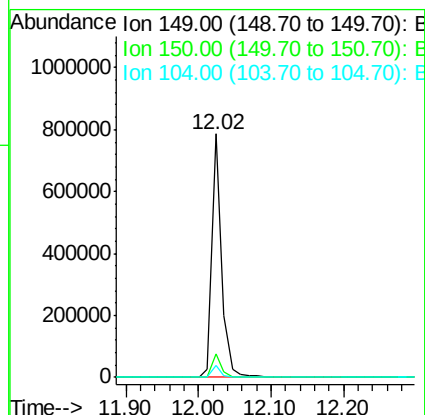
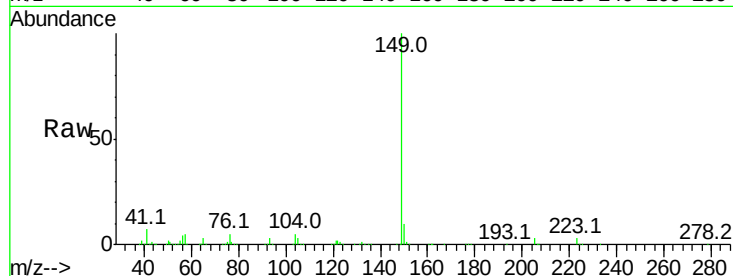
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	734363
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.4	11.2
104	4.9	2.4	3.6#

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#74

Fluoranthene

Concen: 37.18 ng

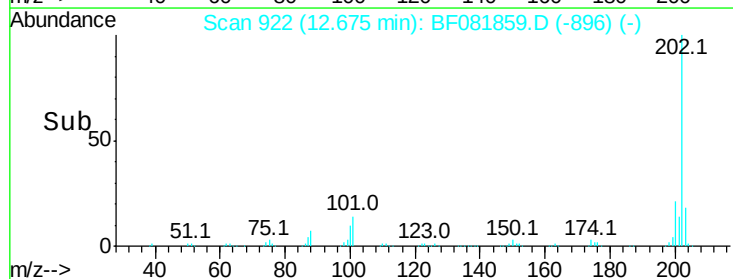
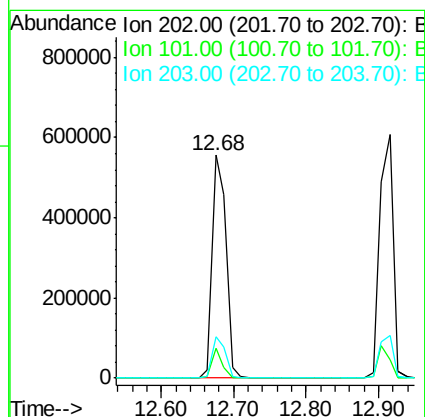
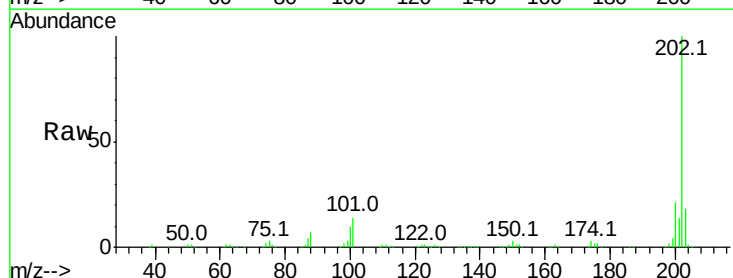
RT: 12.68 min Scan# 922

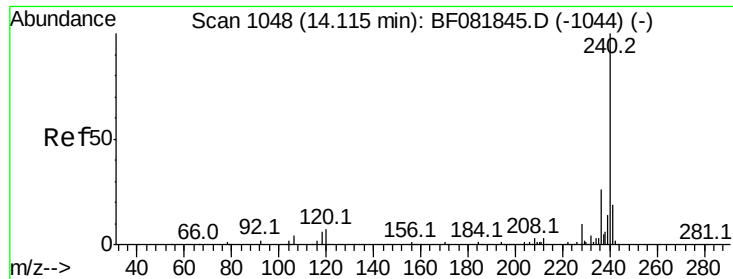
Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tgt Ion:	202	Resp:	735050
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	38.3
203	18.4	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Instrument :

BNA_F

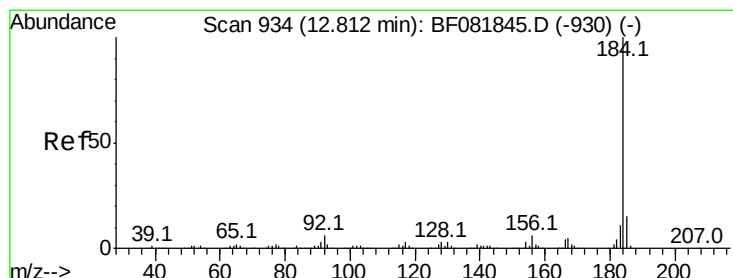
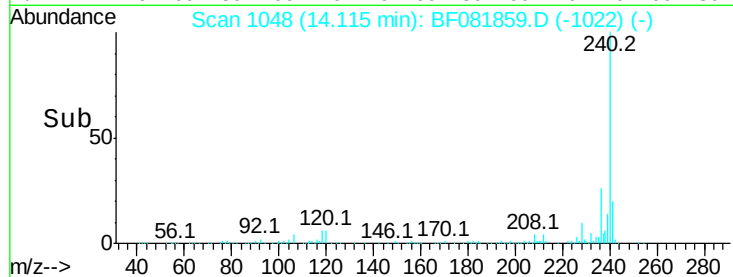
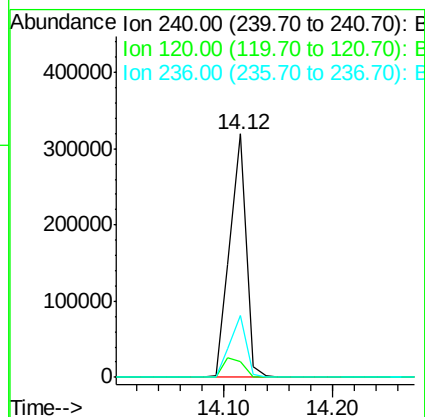
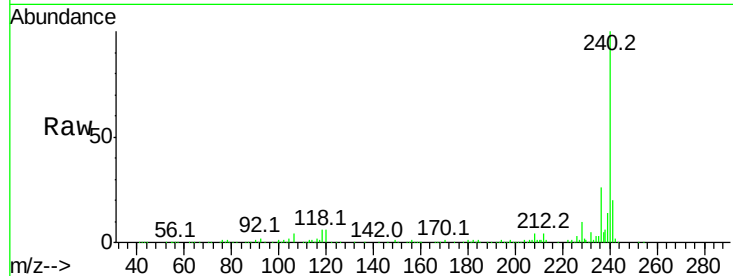
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	16.2	24.2#
236	25.6	18.4	27.6

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#76

Benzidine

Concen: 40.05 ng

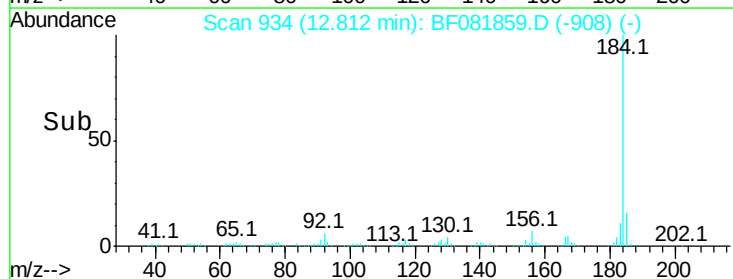
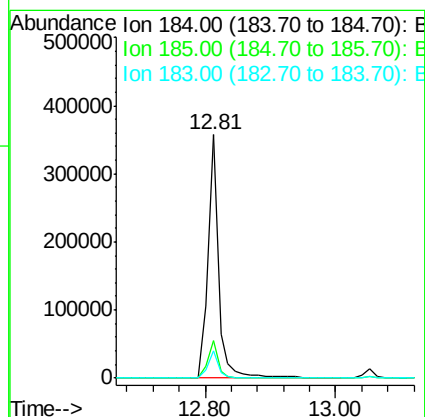
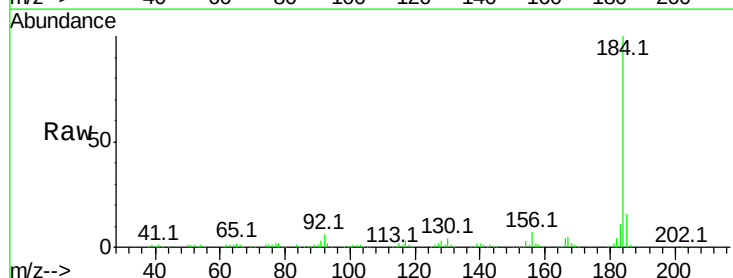
RT: 12.81 min Scan# 934

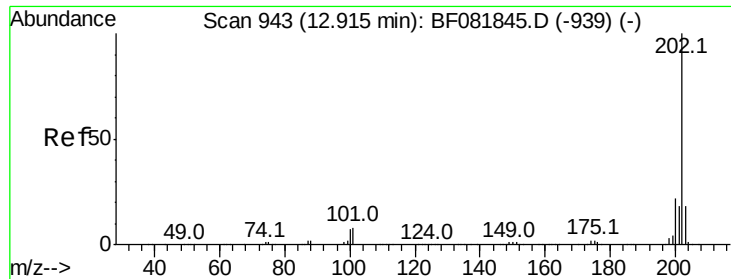
Delta R.T. 0.00 min

Lab File: BF081859.D

Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.6
183	11.2	7.6	11.4





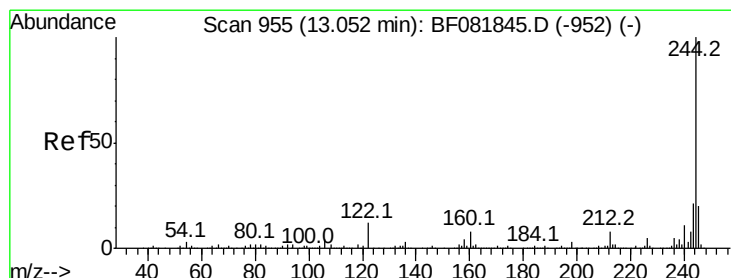
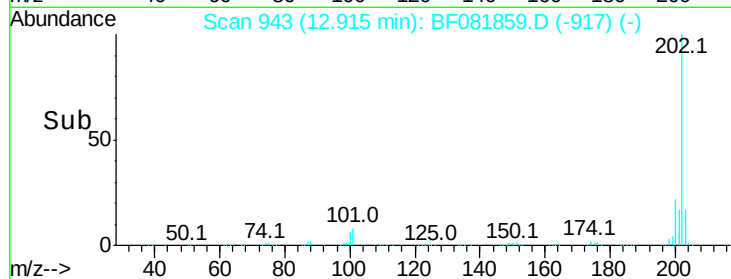
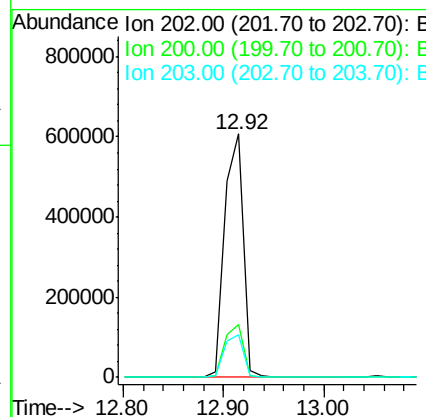
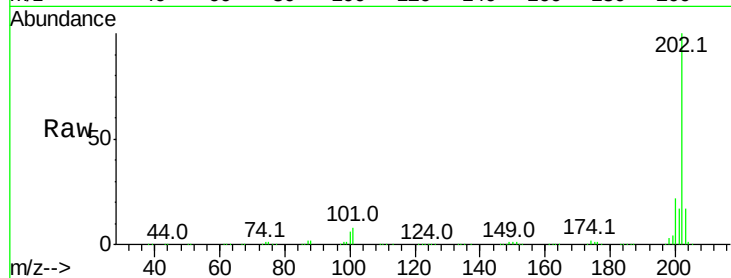
#77
 Pvrene
 Concen: 39.04 ng
 RT: 12.92 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	15.0	22.4
203	17.3	14.1	21.1

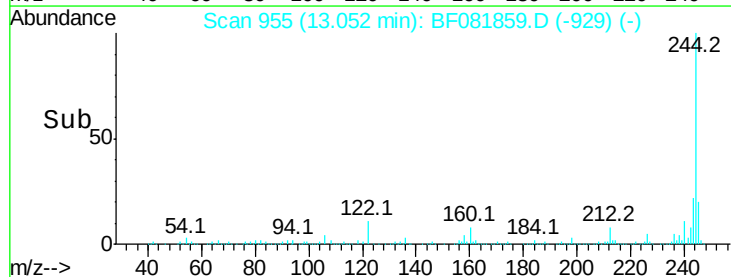
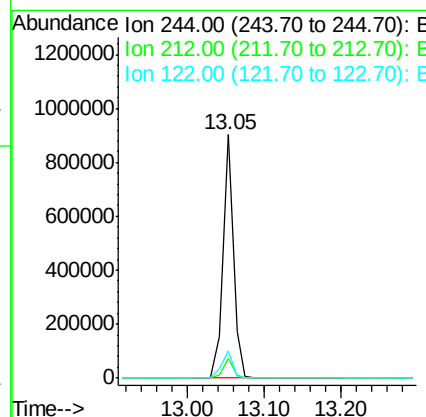
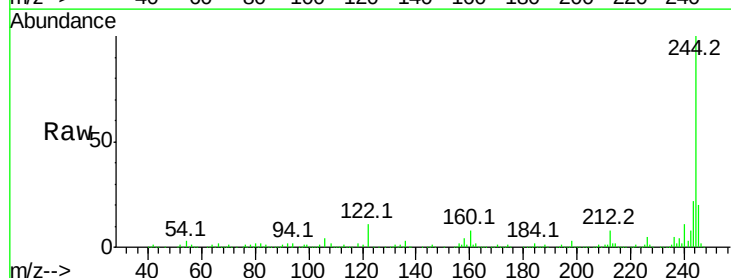
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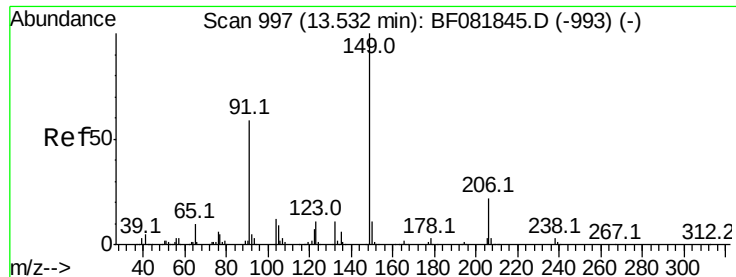
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#78
 Terphenyl-d14
 Concen: 81.29 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	11.2	17.4	26.2#





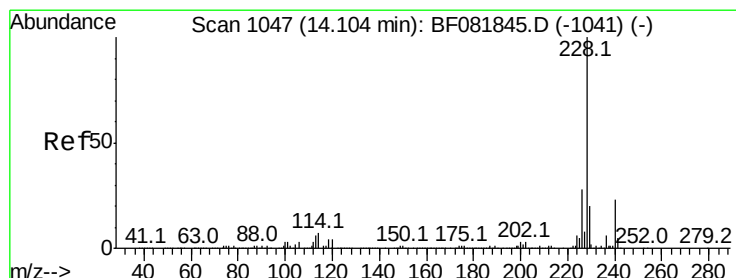
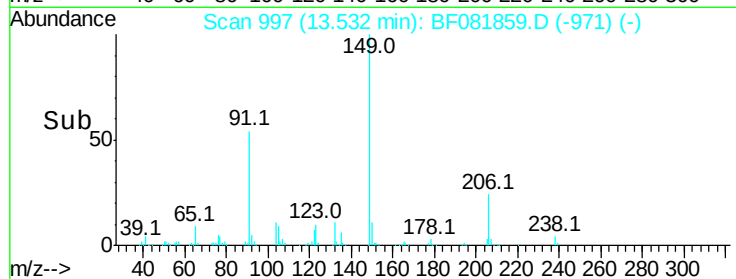
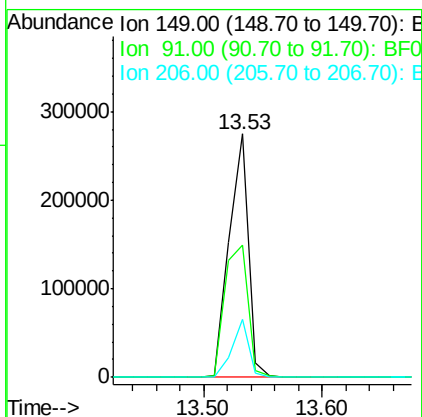
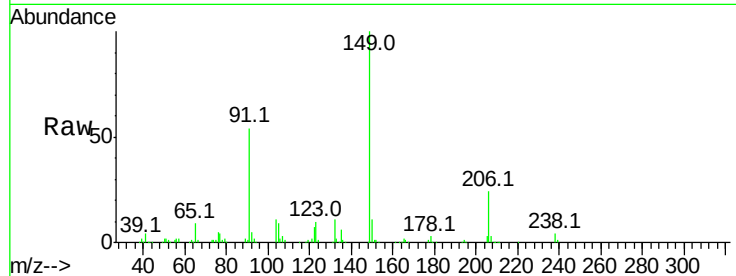
#79
Butylbenzylphthalate
Concen: 40.97 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	54.2	48.6	72.8
206	23.8	14.9	22.3

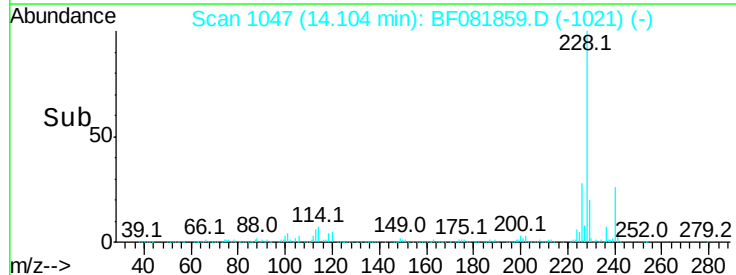
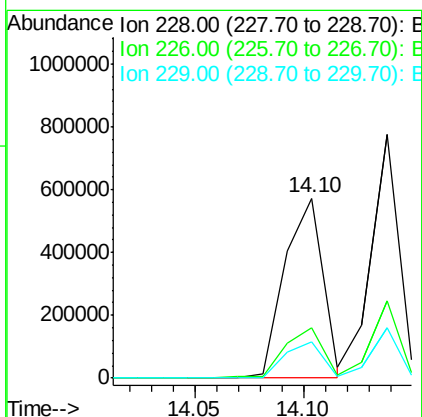
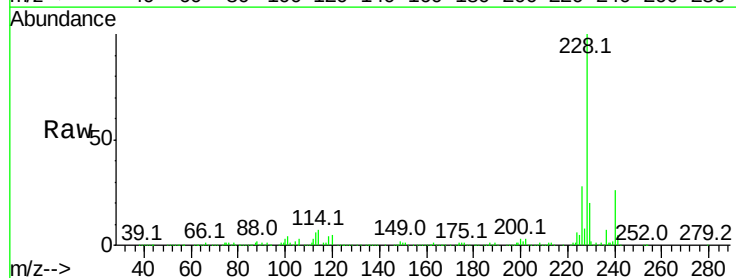
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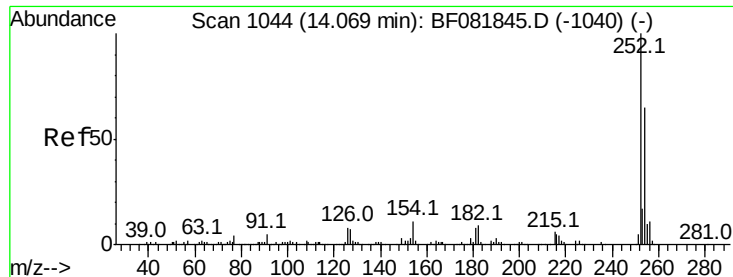
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#80
Benzo(a)anthracene
Concen: 38.96 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.9	20.0	30.0
229	20.3	15.4	23.2





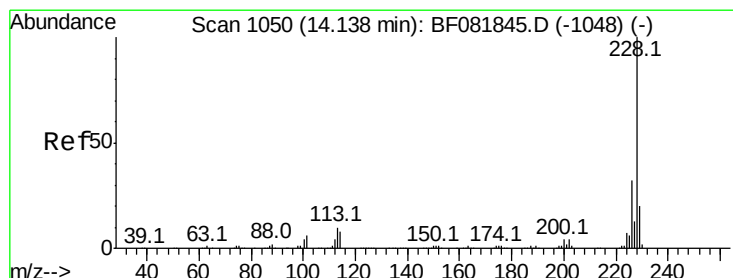
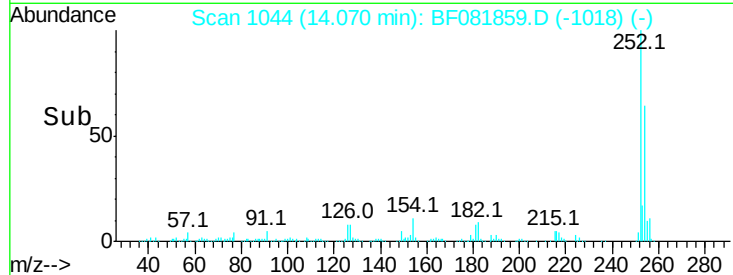
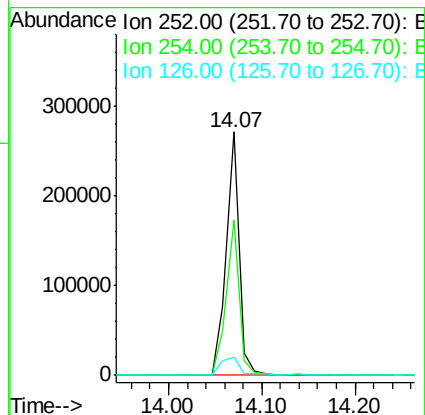
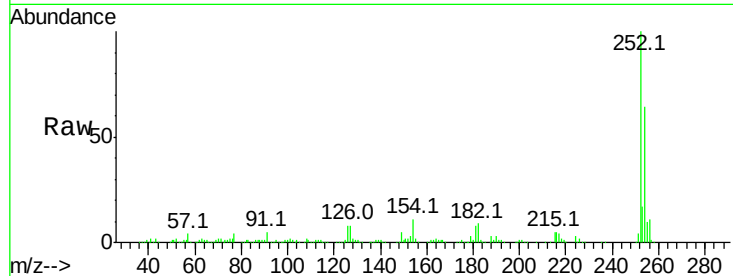
#81
 3,3'-Dichlorobenzidine
 Concen: 43.01 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	262257		
254	63.5	51.4	77.2	
126	7.5	16.4	24.6	

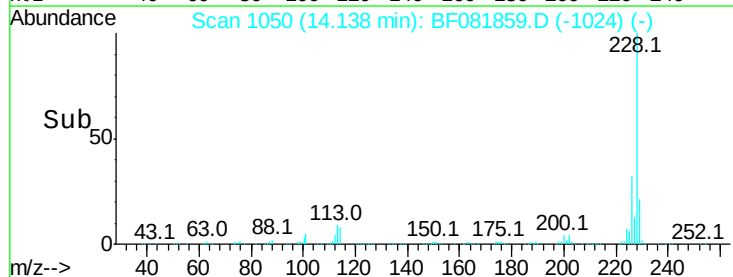
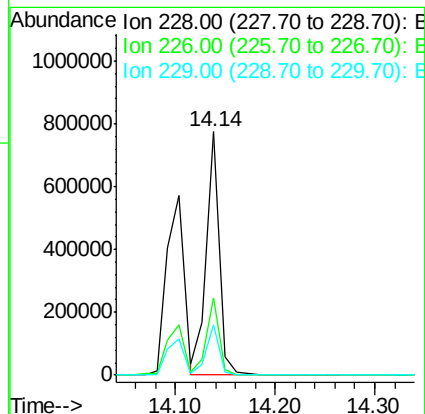
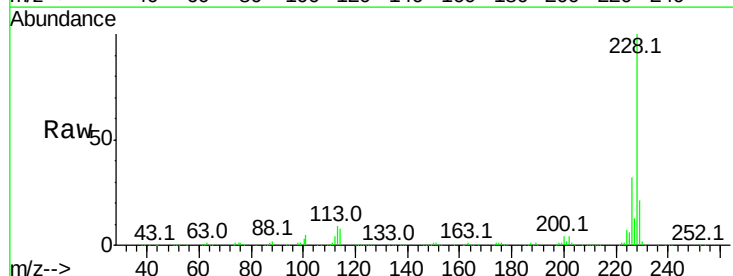
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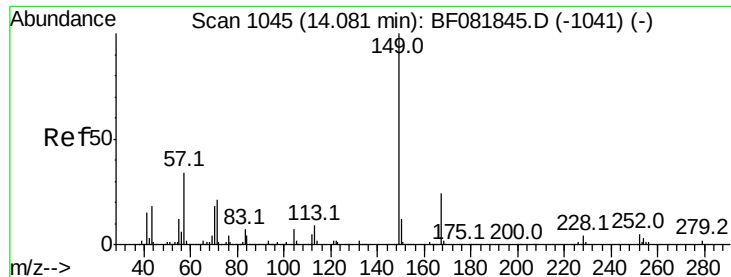
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#82
 Chrysene
 Concen: 44.17 ng m
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	702553		
226	31.9	21.0	31.4	
229	20.6	15.6	23.4	





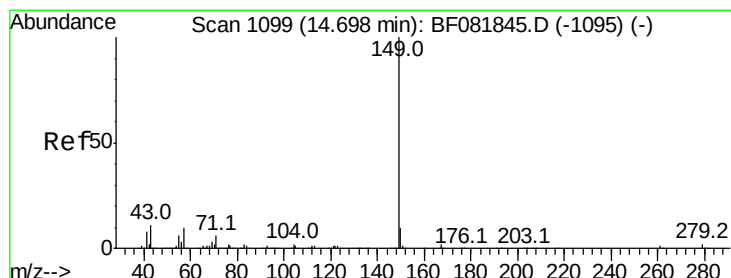
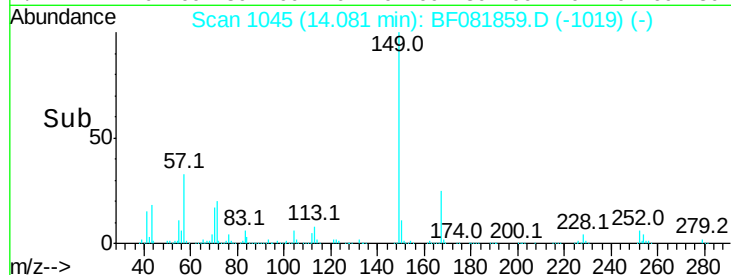
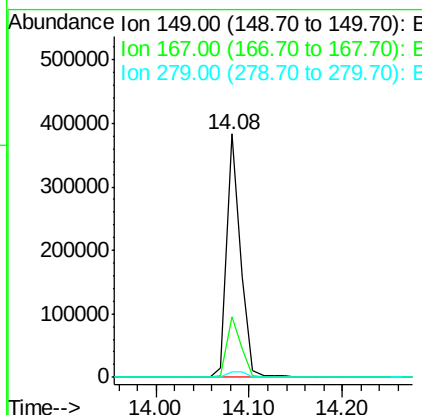
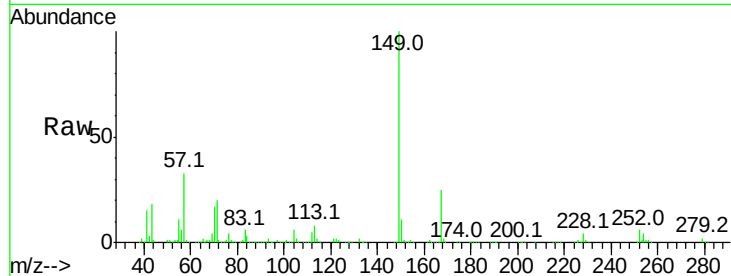
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.87 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	395846		
167	24.7		24.2	36.2
279	2.2		3.8	5.6#

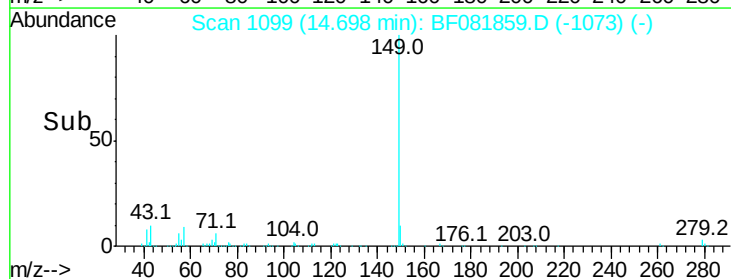
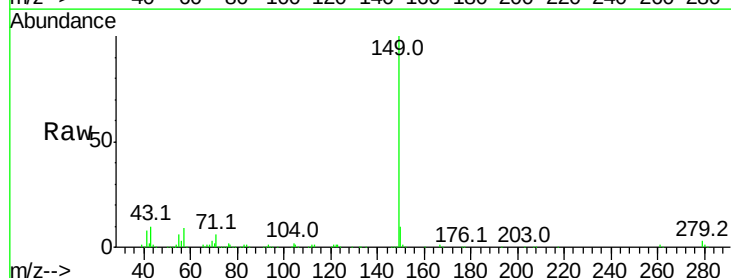
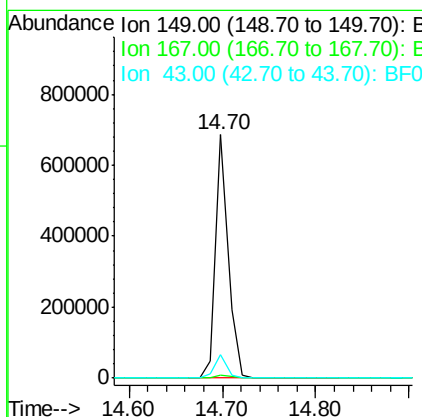
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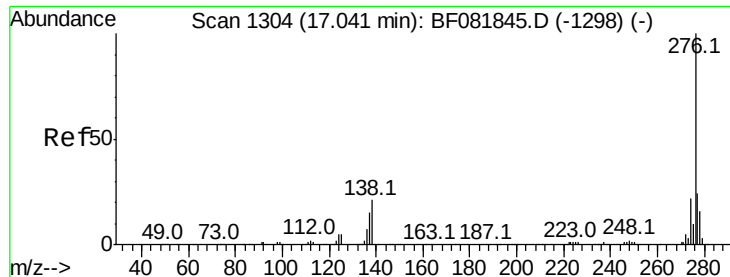
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#84
 Di-n-octyl phthalate
 Concen: 42.08 ng
 RT: 14.70 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	647554		
167	1.5		1.0	1.6
43	9.6		10.2	15.2#





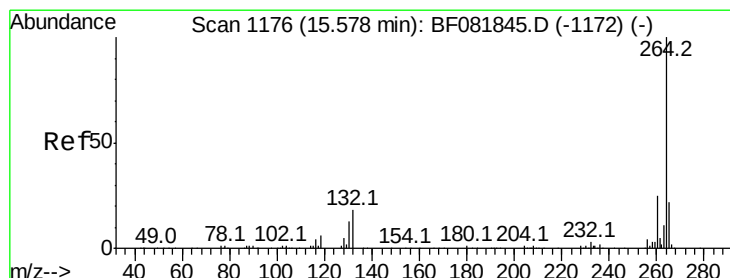
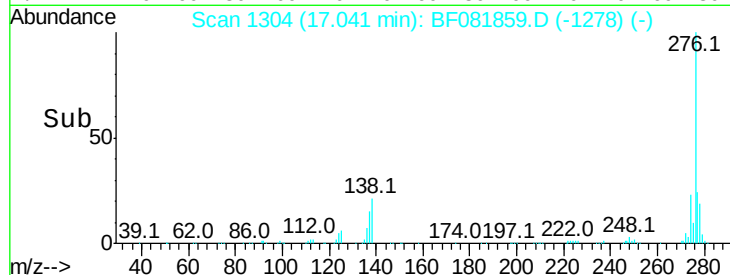
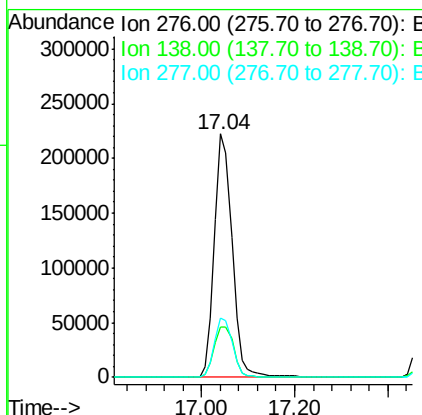
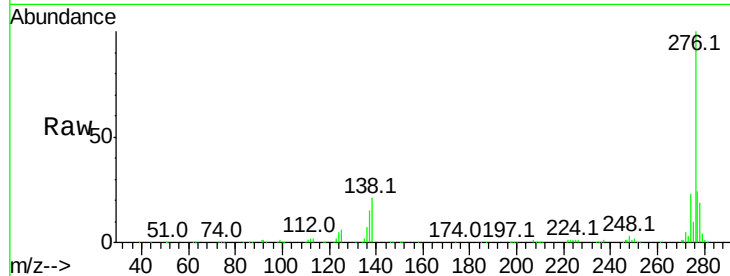
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.05 ng
 RT: 17.04 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.7	38.5#
277	24.9	15.6	23.4#

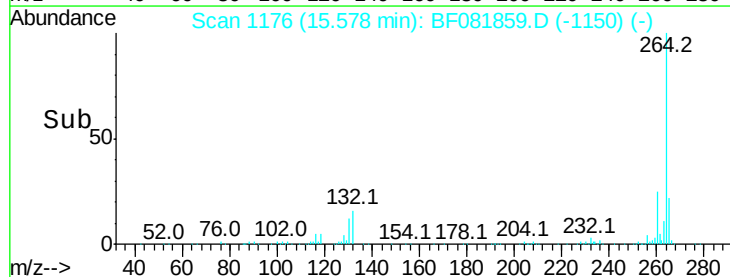
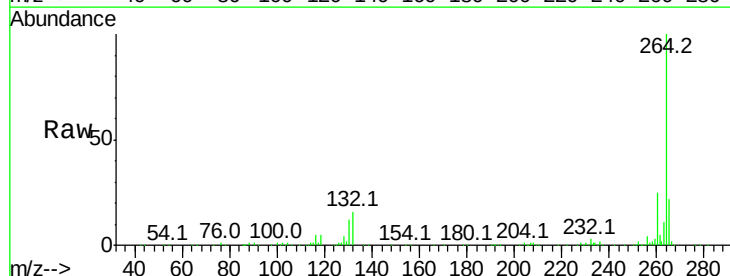
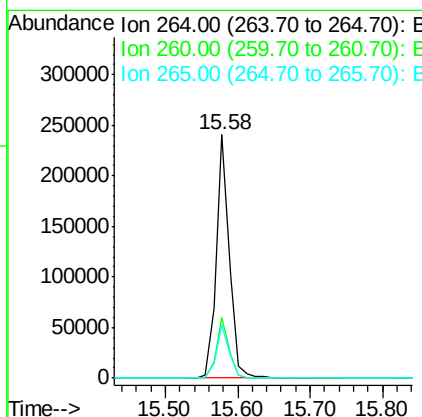
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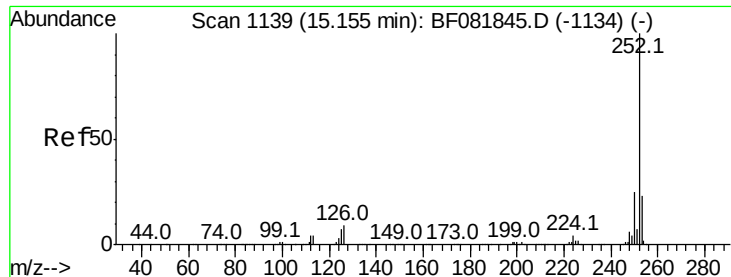
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.7	17.2	25.8





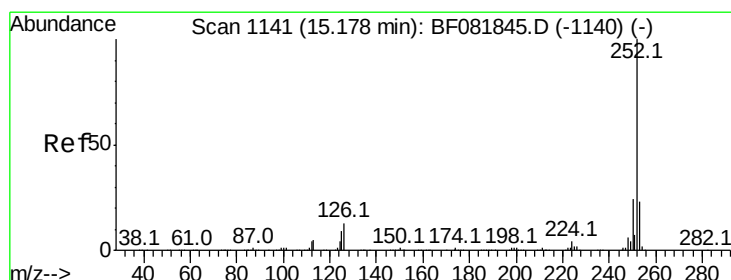
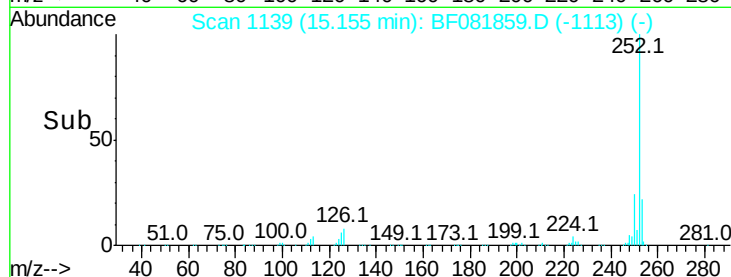
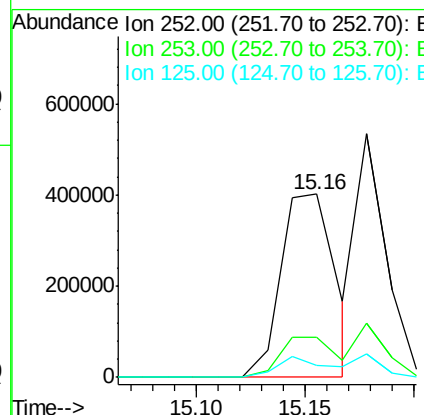
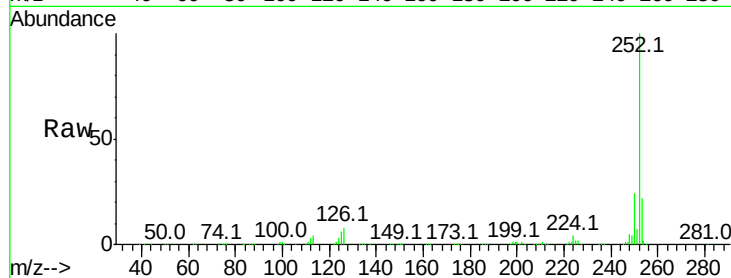
#87
Benzo(b)fluoranthene
Concen: 40.91 ng
RT: 15.16 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	6.2	17.1	25.7#

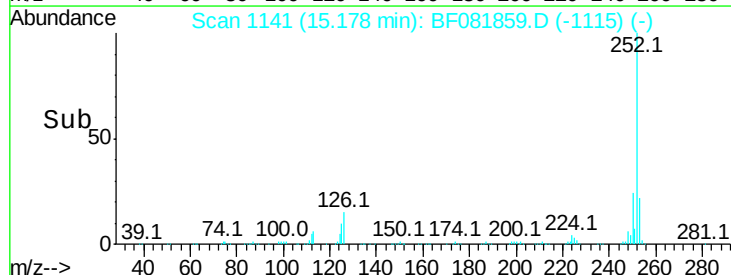
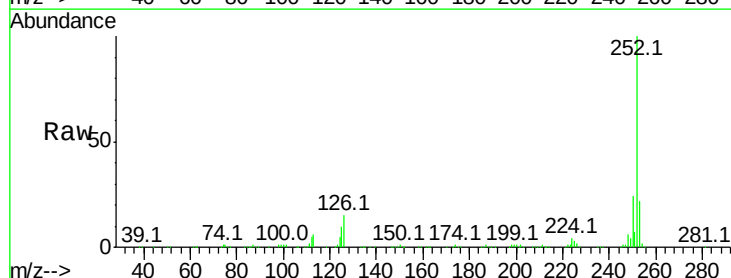
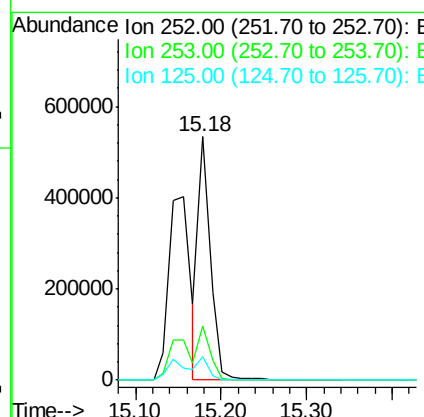
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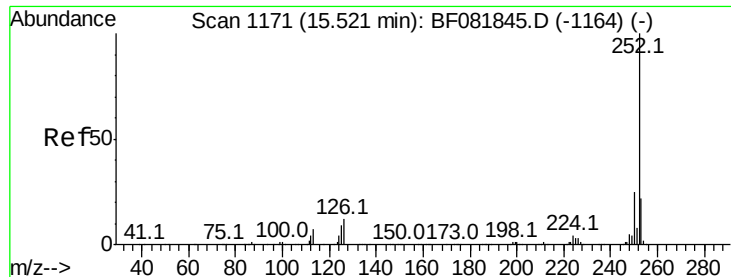
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#88
Benzo(k)fluoranthene
Concen: 33.55 ng m
RT: 15.18 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	9.9	16.0	24.0#





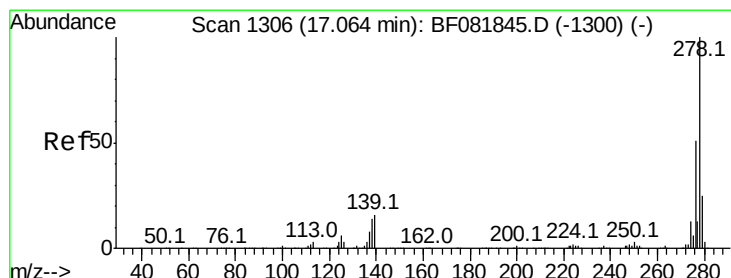
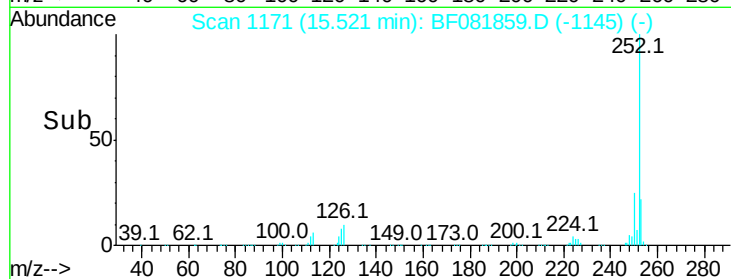
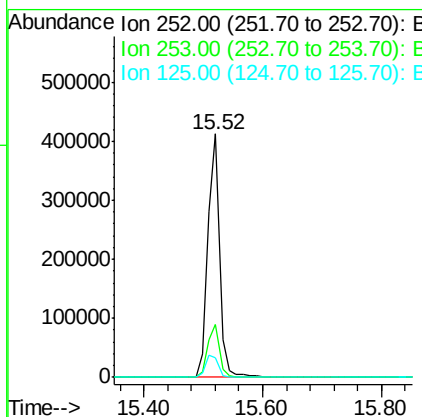
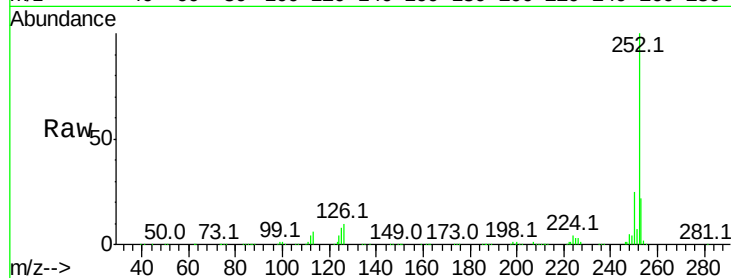
#89
Benzo(a)pyrene
Concen: 38.38 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.2	18.0	27.0

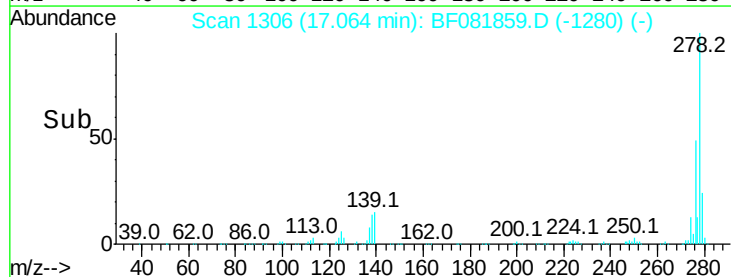
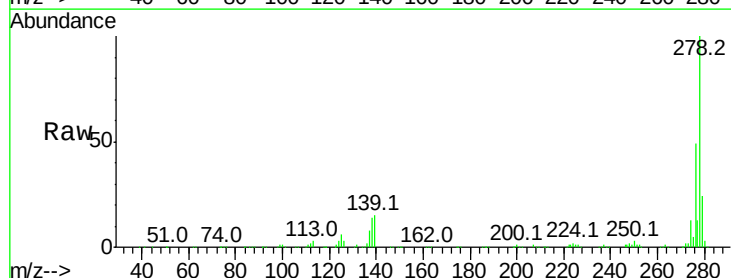
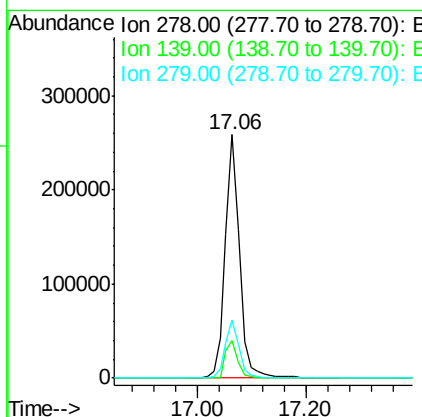
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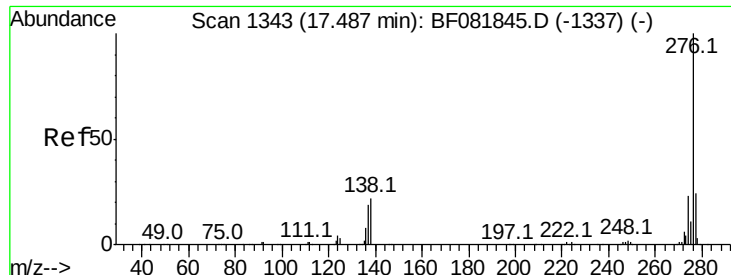
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#90
Dibenzo(a,h)anthracene
Concen: 38.33 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081859.D
Acq: 28 Sep 2015 23:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	26.3	39.5
279	24.0	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.53 ng
 RT: 17.49 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF081859.D
 Acq: 28 Sep 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.8	26.6
138	20.9	34.6	51.8#

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