

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082225.D
 Acq On : 12 Oct 2015 17:40
 Operator : UM/IZ
 Sample : G3990-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Manual Integrations
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MMdadoda
 10/13/2015 1:27:40 PM

Quant Time: Oct 13 05:13:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	69741	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	271579	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	138106	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	275530	20.00	ng	0.00
75) Chrysene-d12	14.01	240	259402	20.00	ng	0.00
86) Perylene-d12	15.44	264	202521	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	254162	73.55	ng	0.01
7) Phenol-d6	6.47	99	220290	48.99	ng	0.00
23) Nitrobenzene-d5	7.41	82	458296	113.33	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	215645	166.50	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	865526	103.93	ng	0.00
78) Terphenyl-d14	12.95	244	972584	99.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	32537	18.74	ng	96
3) Pyridine	3.15	79	60978	15.10	ng	98
4) n-Nitrosodimethylamine	3.09	42	33413	19.51	ng	98
6) Aniline	6.49	93	119056	20.53	ng	93
8) 2-Chlorophenol	6.62	128	187586	44.47	ng	92
9) Benzaldehyde	6.38	77	129364	56.33	ng	97
10) Phenol	6.48	94	90880	17.53	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	227256	51.83	ng	95
12) 1,3-Dichlorobenzene	6.77	146	219241m	44.63	ng	
13) 1,4-Dichlorobenzene	6.85	146	222158	43.30	ng	97
14) 1,2-Dichlorobenzene	7.01	146	231944m	47.61	ng	
15) Benzyl Alcohol	6.98	79	110958	35.74	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	320968	52.57	ng	98
17) 2-Methylphenol	7.10	107	121339	36.37	ng	100
18) Hexachloroethane	7.35	117	74894	42.65	ng	# 74
19) n-Nitroso-di-n-propylamine	7.26	70	162934	51.59	ng	95
20) 3+4-Methylphenols	7.25	107	126828	31.91	ng	# 32
22) Acetophenone	7.25	105	288699	53.74	ng	95
24) Nitrobenzene	7.43	77	228020	52.09	ng	# 81
25) Isophorone	7.66	82	421583	51.65	ng	99
26) 2-Nitrophenol	7.74	139	115021	52.62	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	179994	51.11	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	262469	55.27	ng	98
29) 2,4-Dichlorophenol	7.98	162	182956	51.97	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	196604	48.45	ng	97
31) Naphthalene	8.15	128	616609	52.38	ng	99
32) Benzoic acid	7.86	122	36596	15.48	ng	95
33) 4-Chloroaniline	8.19	127	80401	16.44	ng	97
34) Hexachlorobutadiene	8.25	225	111931	44.27	ng	97
35) Caprolactam	8.57	113	8903	8.71	ng	# 76
36) 4-Chloro-3-methylphenol	8.67	107	175680	51.03	ng	99
37) 2-Methylnaphthalene	8.83	142	431439	52.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	219064	53.33	ng	97
40) Hexachlorocyclopentadiene	8.98	237	166958	80.29	ng	97

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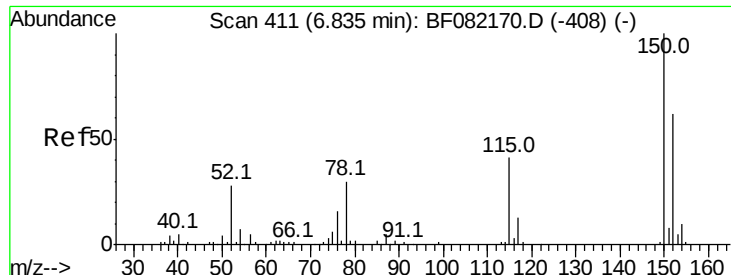
Manual Integrations
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Quant Time: Oct 13 05:13:18 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	141266	51.78	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	161230	54.55	nq #	93
45) 1,1'-Biphenyl	9.30	154	579976	55.07	nq	97
46) 2-Chloronaphthalene	9.33	162	438832	52.93	nq	96
47) 2-Nitroaniline	9.43	65	134678	59.17	nq #	86
48) Acenaphthylene	9.74	152	665901	51.56	nq	99
49) Dimethylphthalate	9.61	163	618648	63.61	nq	99
50) 2,6-Dinitrotoluene	9.67	165	108449	52.85	nq #	67
51) Acenaphthene	9.91	154	404479	52.17	nq	99
52) 3-Nitroaniline	9.84	138	47266	20.39	nq	94
53) 2,4-Dinitrophenol	9.95	184	131135	111.62	nq	92
54) Dibenzofuran	10.09	168	615800	57.85	nq	93
55) 4-Nitrophenol	10.01	139	54808	42.09	nq	99
56) 2,4-Dinitrotoluene	10.08	165	170150	66.34	nq	89
57) Fluorene	10.43	166	484190	55.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	144250	59.73	nq	96
59) Diethylphthalate	10.31	149	544914	60.11	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	238155	59.47	nq #	87
61) 4-Nitroaniline	10.46	138	111883	49.76	nq	94
62) Azobenzene	10.58	77	529716	59.71	nq	92
64) 4,6-Dinitro-2-methylphenol	10.48	198	84189	54.45	nq #	56
65) n-Nitrosodiphenylamine	10.55	169	444425	53.87	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	151935	55.10	nq #	86
67) Hexachlorobenzene	10.97	284	149723	50.21	nq #	71
68) Atrazine	11.07	200	145664	55.73	nq	98
69) Pentachlorophenol	11.18	266	182368	118.84	nq	100
70) Phenanthrene	11.39	178	802188	59.40	nq	99
71) Anthracene	11.44	178	773245	55.56	nq	99
72) Carbazole	11.60	167	700328	55.16	nq	99
73) Di-n-butylphthalate	11.93	149	903253	57.67	nq	99
74) Fluoranthene	12.58	202	869570	59.95	nq	98
76) Benzidine	12.71	184	55353	7.36	nq	98
77) Pyrene	12.81	202	905270	58.81	nq	99
79) Butylbenzylphthalate	13.43	149	398606	56.74	nq	92
80) Benzo(a)anthracene	14.00	228	746058	55.28	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	98215	19.17	nq #	96
82) Chrysene	14.04	228	696605m	48.98	nq	
83) Bis(2-ethylhexyl)phthalate	13.98	149	501759	50.06	nq #	95
84) Di-n-octyl phthalate	14.60	149	790541	45.93	nq	99
85) Indeno(1,2,3-cd)pyrene	16.86	276	599405	53.03	nq	100
87) Benzo(b)fluoranthene	15.03	252	619310	50.26	nq	99
88) Benzo(k)fluoranthene	15.06	252	662771m	64.00	nq	
89) Benzo(a)pyrene	15.38	252	586035	55.34	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	489614	56.42	nq	99
91) Benzo(g,h,i)perylene	17.28	276	509454	60.43	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

Tot Ion:152 Resp: 69741

Ion Ratio Lower Upper

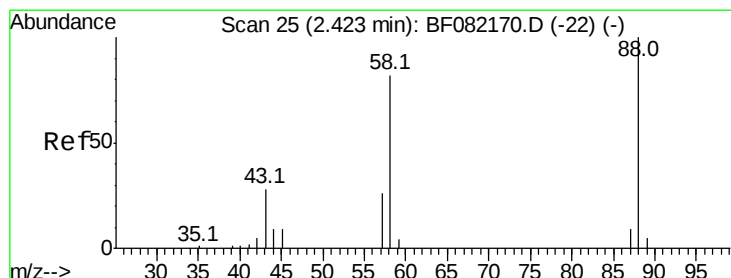
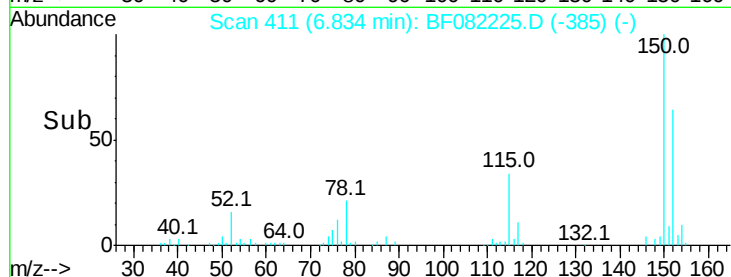
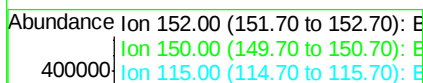
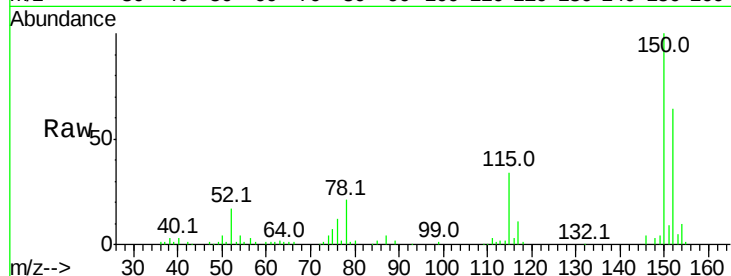
152 100

150 155.2 129.0 193.4

115 52.1 52.1 78.1

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#2

1,4-Dioxane

Concen: 18.74 ng

RT: 2.42 min Scan# 25

Delta R.T. 0.05 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

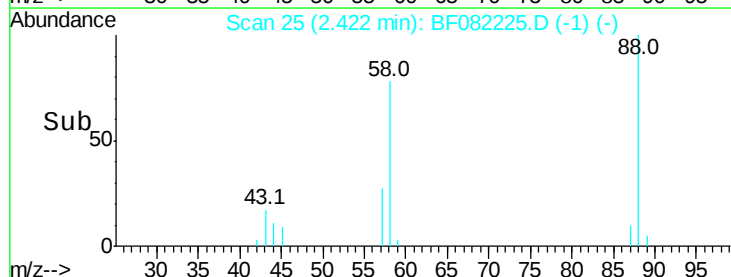
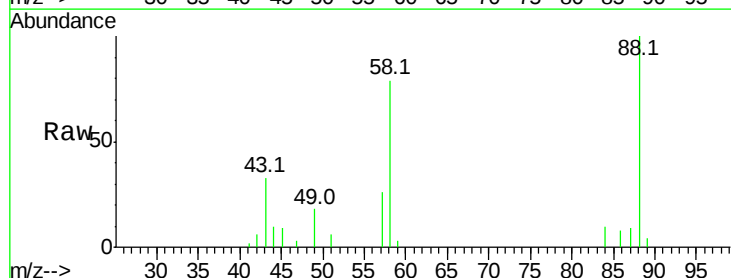
Tgt Ion: 88 Resp: 32537

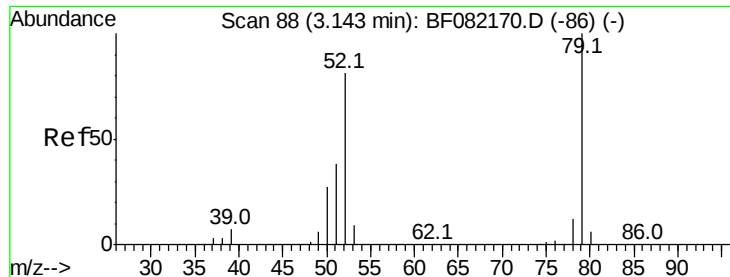
Ion Ratio Lower Upper

88 100

58 86.5 66.2 99.4

43 29.7 23.0 34.4





#3

Pvridine

Concen: 15.10 ng

RT: 3.15 min Scan# 89

Delta R.T. 0.06 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

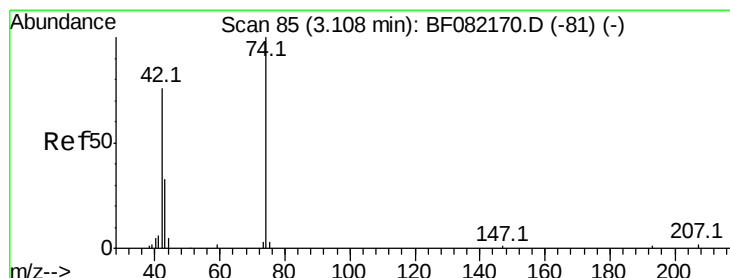
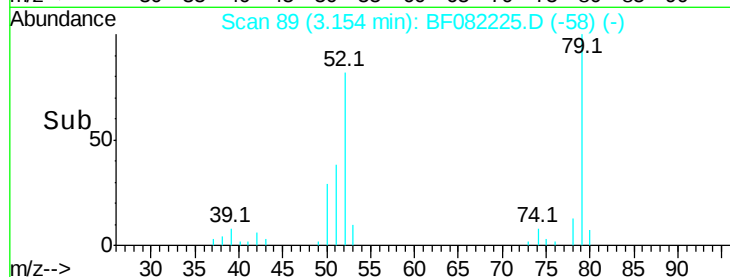
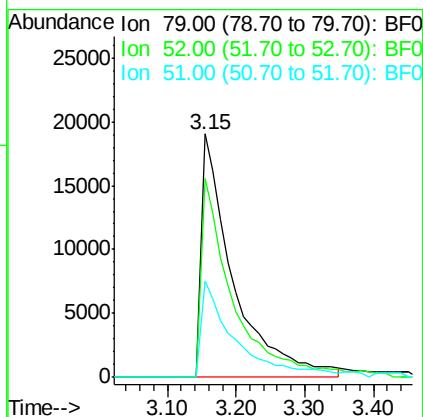
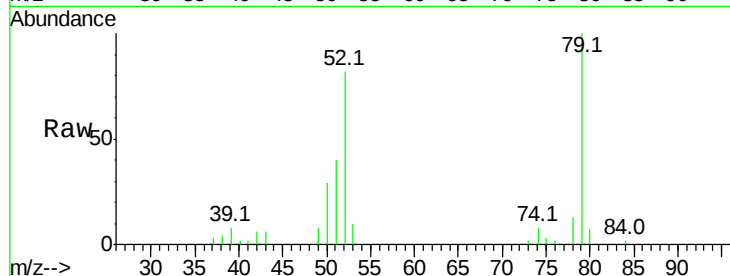
ClientSampleId :

TE-PMW(43)MSD

Tot Ion:	79	Resp:	60978
Ion Ratio	Lower	Upper	
79	100		
52	81.6	64.4	96.6
51	39.7	30.5	45.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 19.51 ng

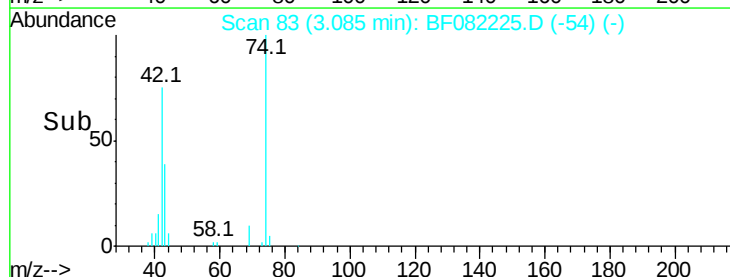
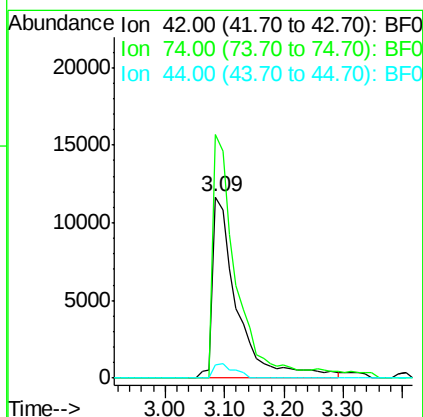
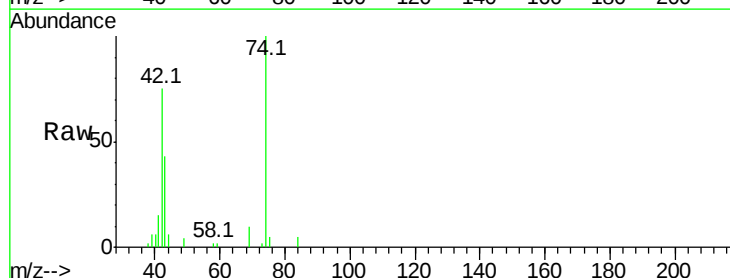
RT: 3.09 min Scan# 83

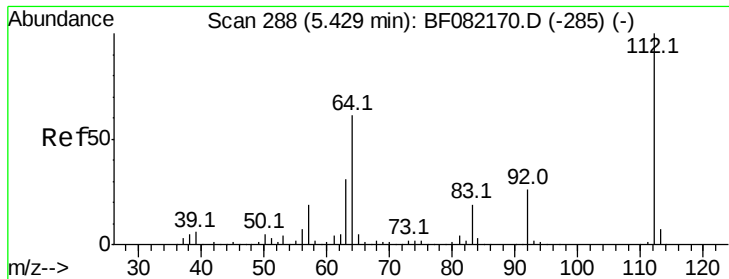
Delta R.T. 0.03 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	42	Resp:	33413
Ion Ratio	Lower	Upper	
42	100		
74	134.2	105.7	158.5
44	7.6	5.4	8.2





#5

2-Fluorophenol

Concen: 73.55 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

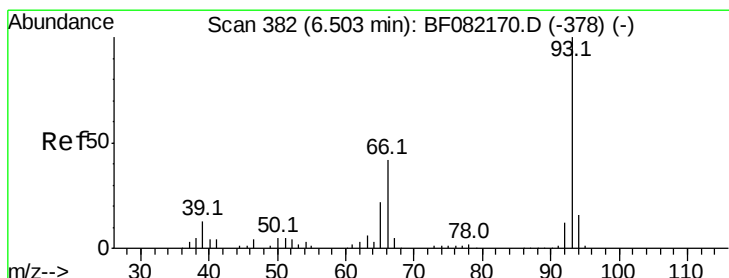
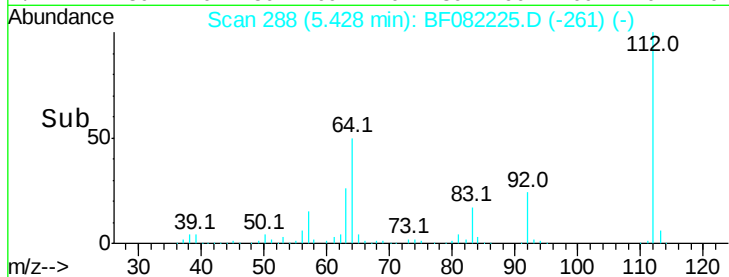
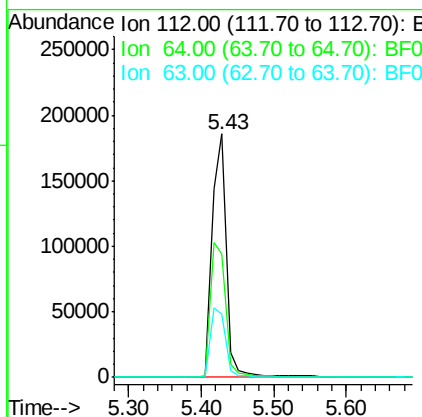
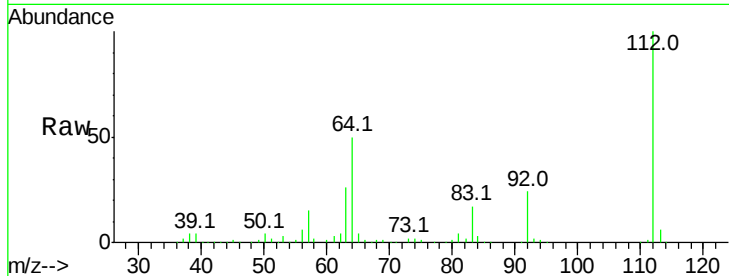
ClientSampleId :

TE-PMW(43)MSD

Tot Ion:	112	Resp:	254162
Ion Ratio		Lower	Upper
112	100		
64	50.4	48.6	73.0
63	26.1	25.1	37.7

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#6

Aniline

Concen: 20.53 ng

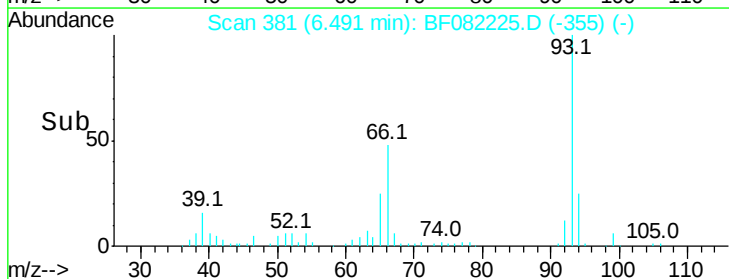
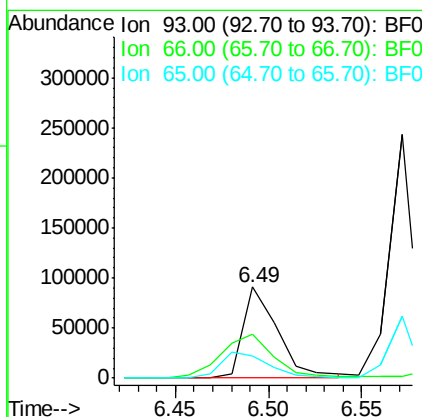
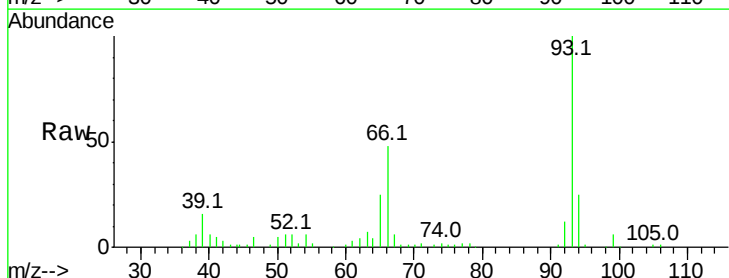
RT: 6.49 min Scan# 381

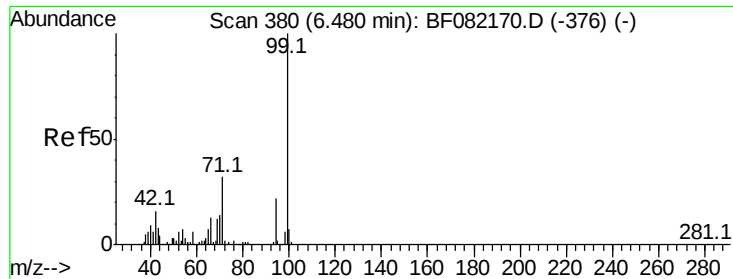
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	93	Resp:	119056
Ion Ratio		Lower	Upper
93	100		
66	48.0	34.2	51.2
65	25.0	17.9	26.9





#7

Phenol-d6

Concen: 48.99 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

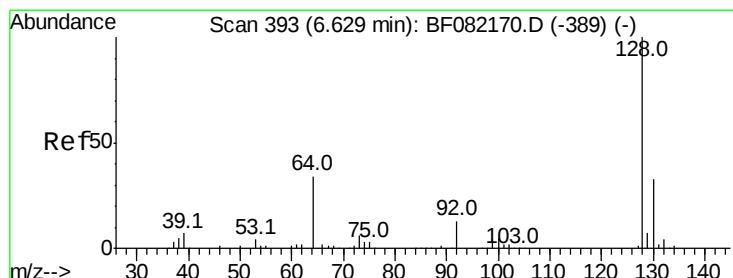
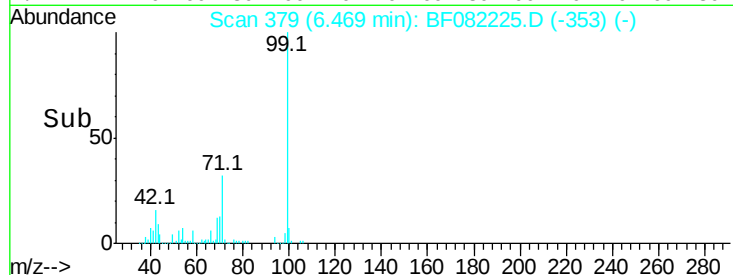
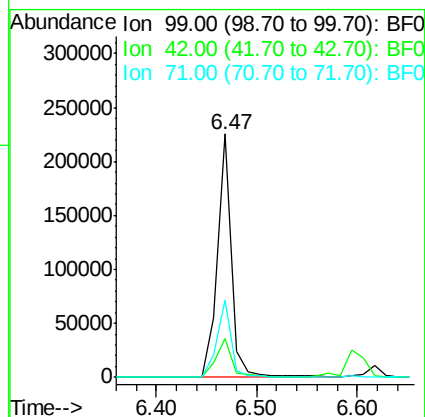
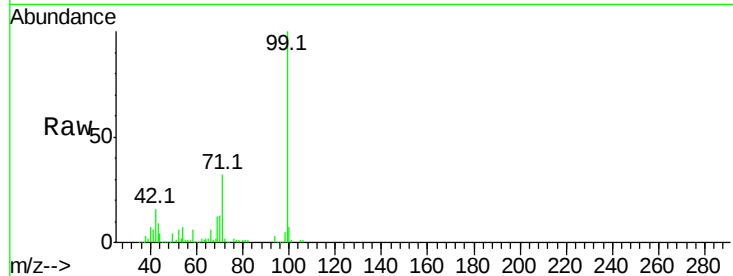
ClientSampleId :

TE-PMW(43)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		220290		
42	16.0	13.2	19.8		
71	31.9	25.6	38.4		

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#8

2-Chlorophenol

Concen: 44.47 ng

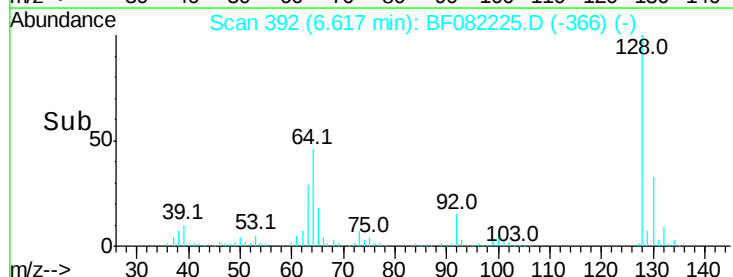
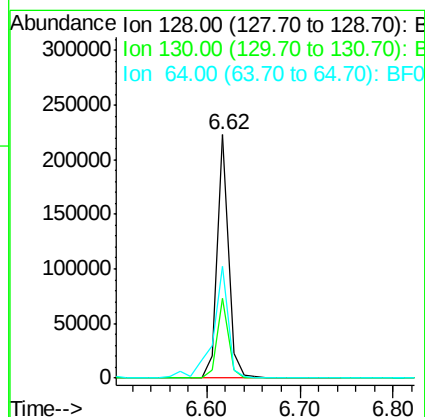
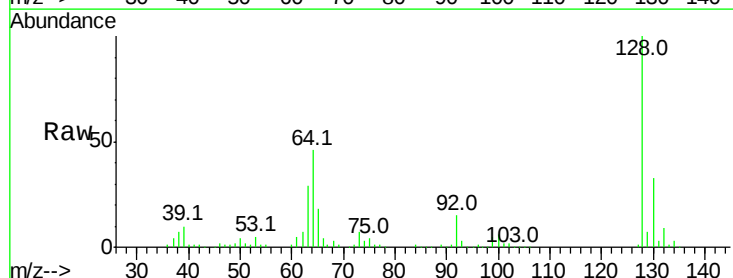
RT: 6.62 min Scan# 392

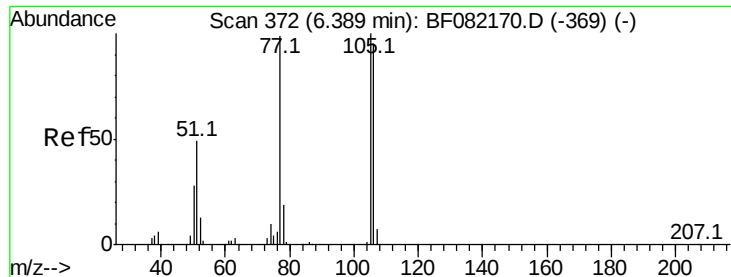
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		187586		
130	32.7	12.6	52.6		
64	45.9	16.7	56.7		





#9

Benzaldehyde

Concen: 56.33 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

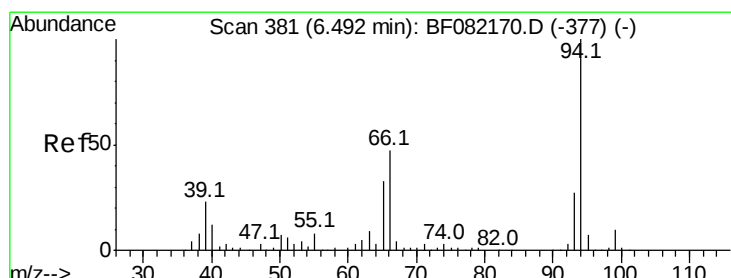
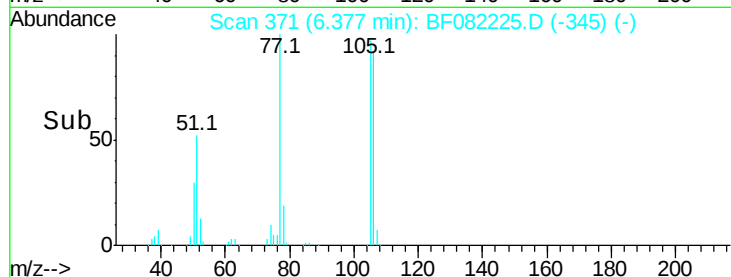
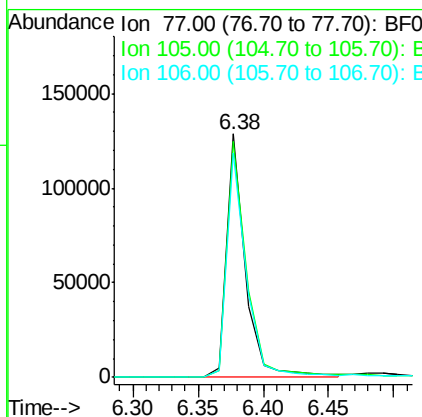
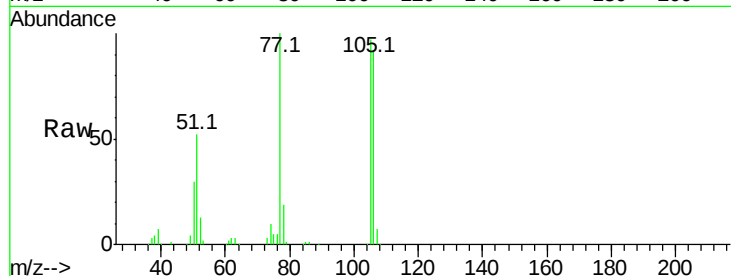
ClientSampleId :

TE-PMW(43)MSD

Manual Integrations
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Tot Ion:	77	Resp:	129364
Ion Ratio	Lower	Upper	
77	100		
105	97.1	80.6	120.6
106	92.3	75.5	115.5



#10

Phenol

Concen: 17.53 ng

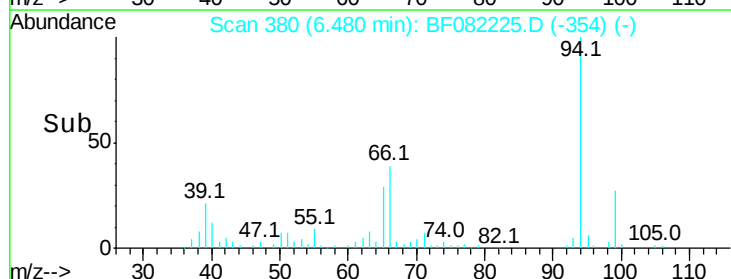
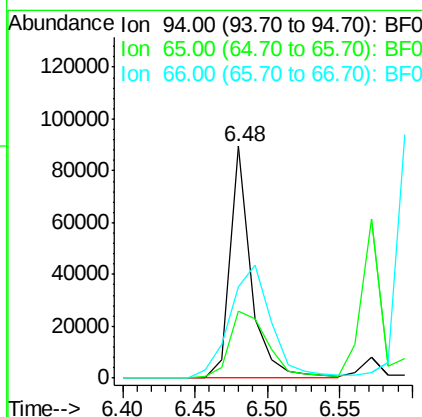
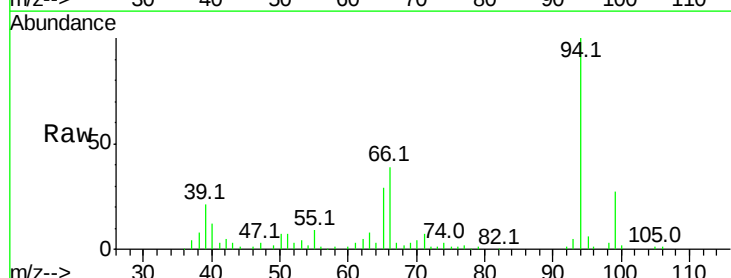
RT: 6.48 min Scan# 380

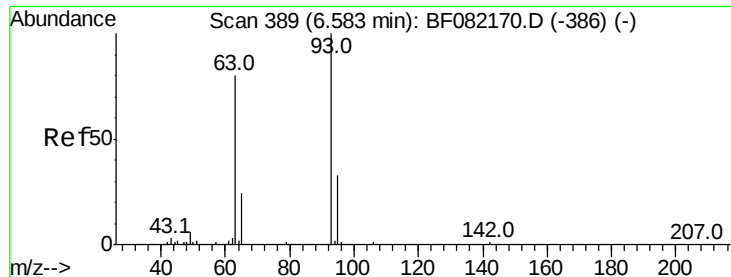
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	94	Resp:	90880
Ion Ratio	Lower	Upper	
94	100		
65	28.9	12.6	52.6
66	39.1	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 51.83 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

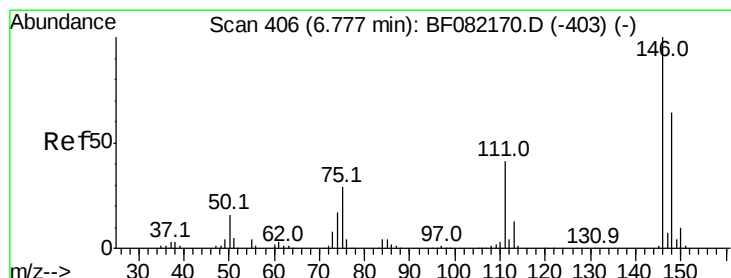
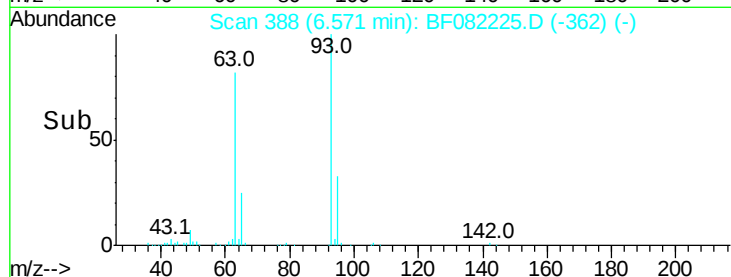
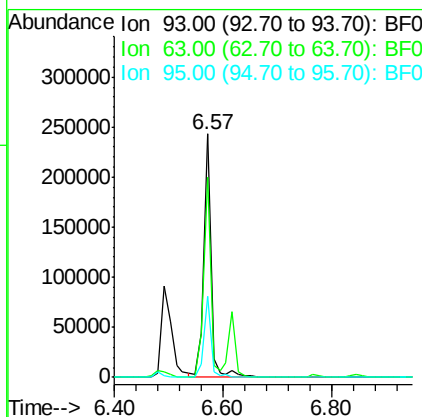
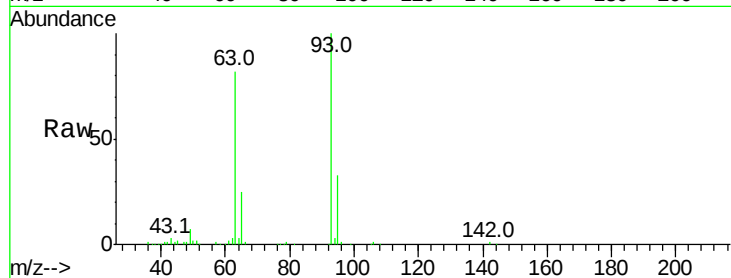
ClientSampleId :

TE-PMW(43)MSD

Tot Ion:	93	Resp:	227256
Ion Ratio	Lower	Upper	
93	100		
63	82.3	57.1	97.1
95	33.2	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 44.63 ng m

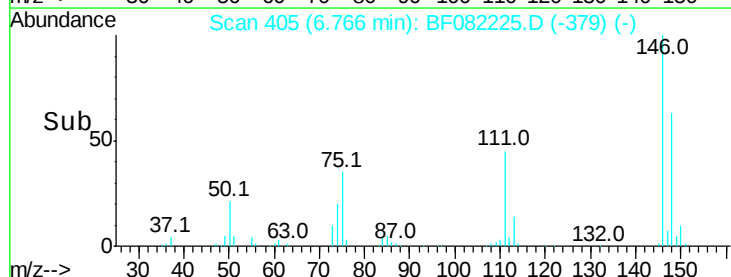
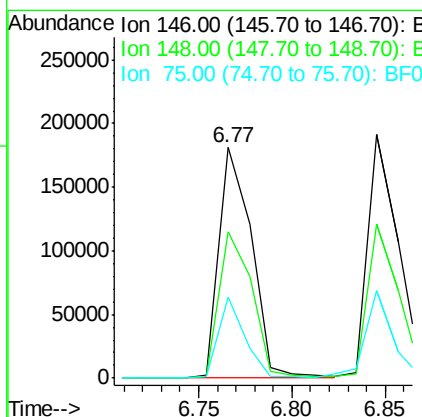
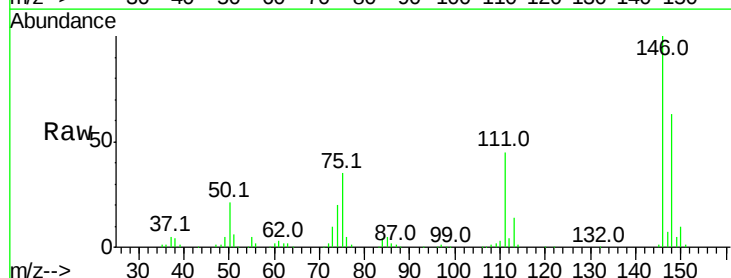
RT: 6.77 min Scan# 405

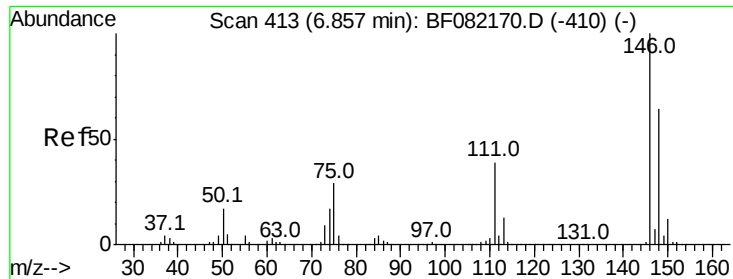
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	146	Resp:	219241
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.4	77.2
75	35.0	23.0	34.6#





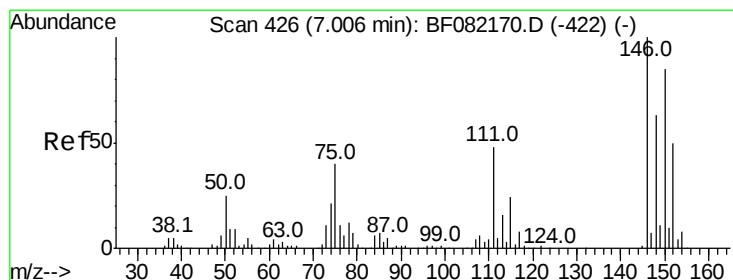
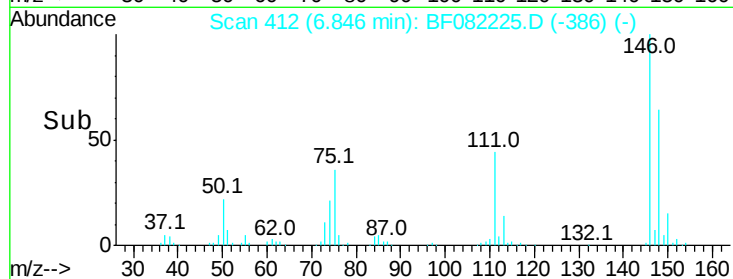
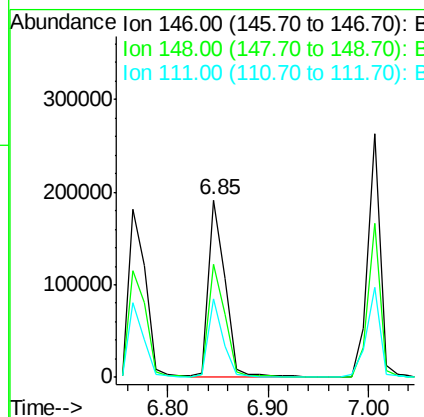
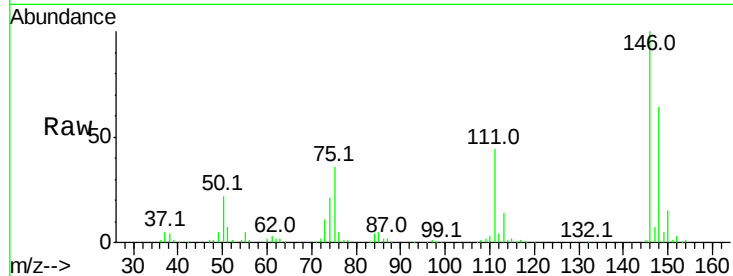
#13
 1,4-Dichlorobenzene
 Concen: 43.30 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	44.0	31.1	46.7

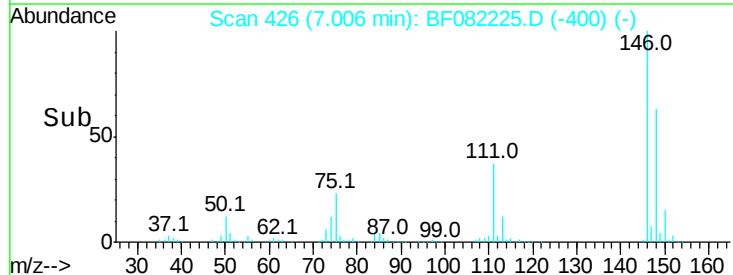
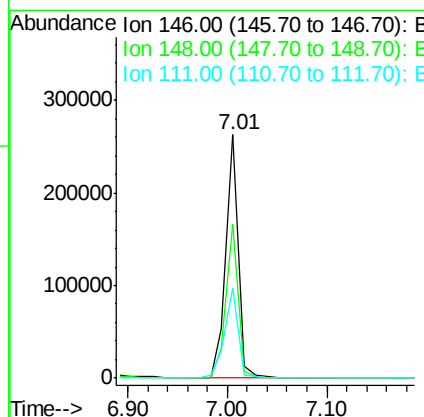
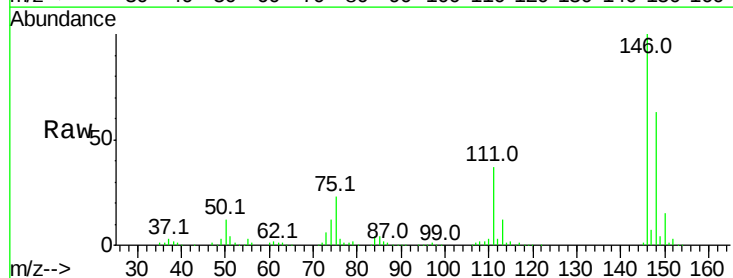
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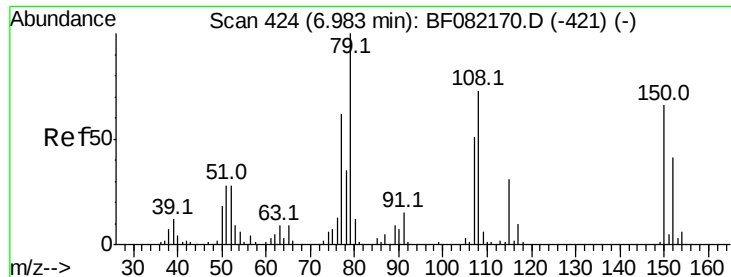
MMdadoda
 10/13/2015 1:27:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.61 ng m
 RT: 7.01 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.5	75.7
111	37.2	38.5	57.7#





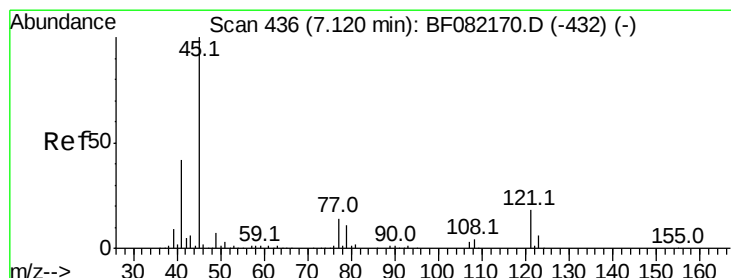
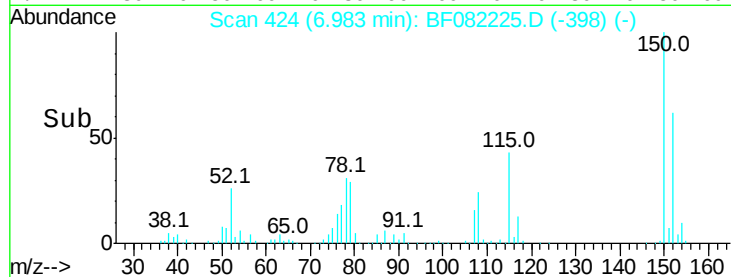
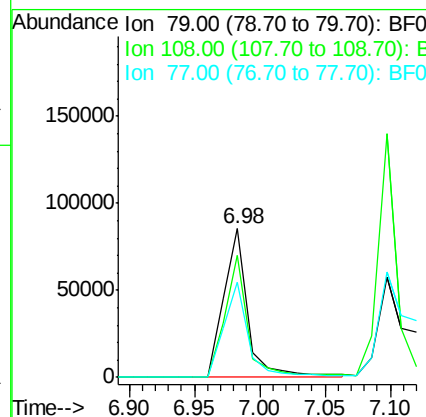
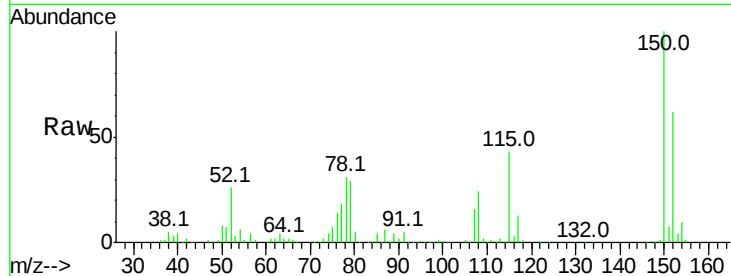
#15
Benzyl Alcohol
Concen: 35.74 ng
RT: 6.98 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.2	58.4	87.6
77	63.8	49.8	74.6

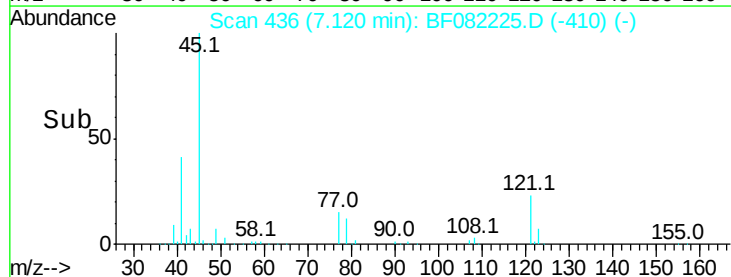
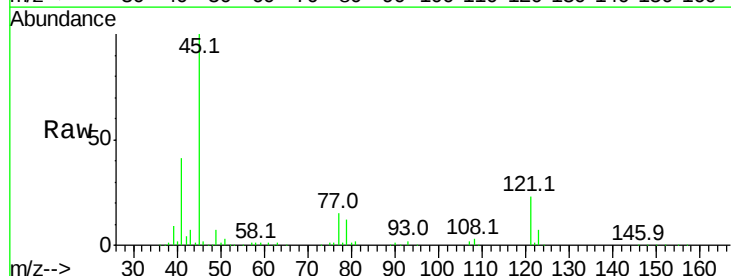
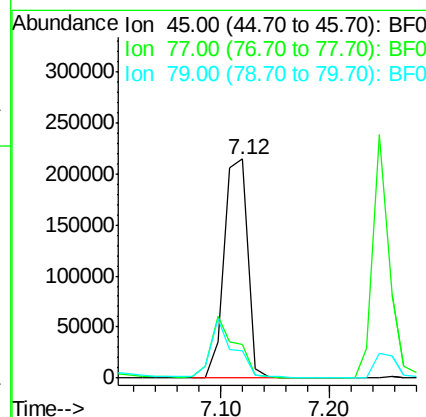
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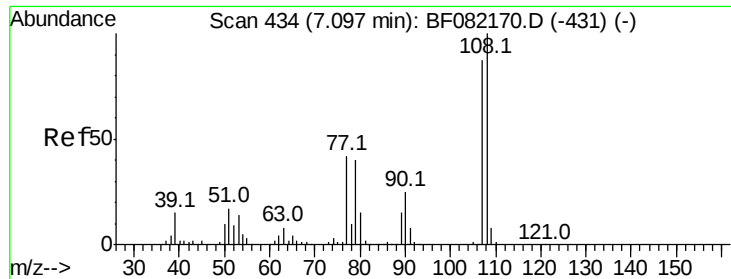
MMdadoda
10/13/2015 1:27:40 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.57 ng
RT: 7.12 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.5
79	12.2	0.0	31.6





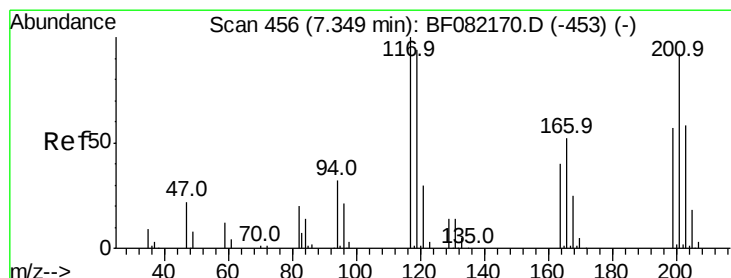
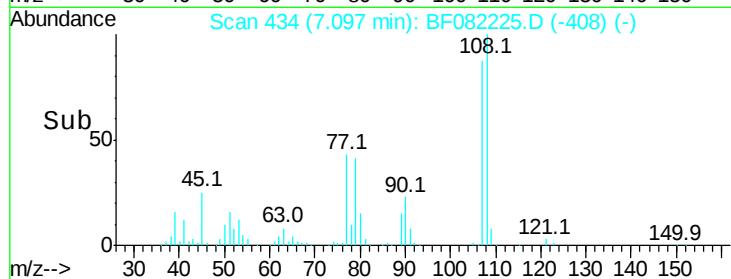
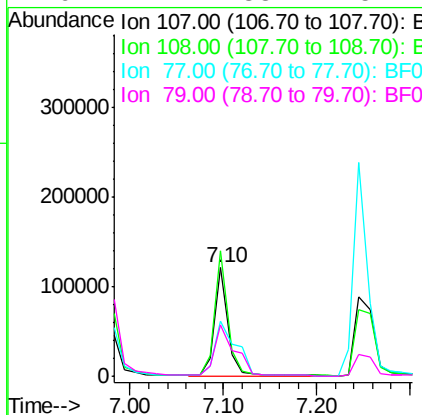
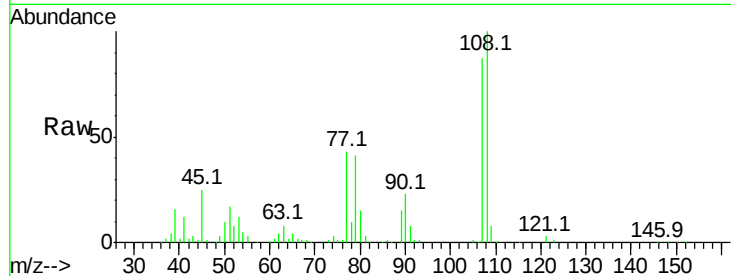
#17
2-Methylphenol
Concen: 36.37 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:	107	Resp:	121339
Ion Ratio	Lower	Upper	
107	100		
108	115.4	92.2	138.2
77	50.2	39.6	59.4
79	47.4	38.2	57.4

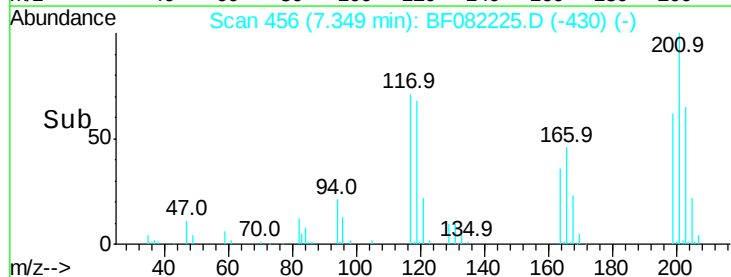
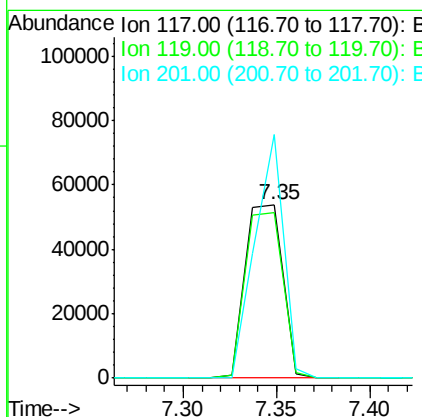
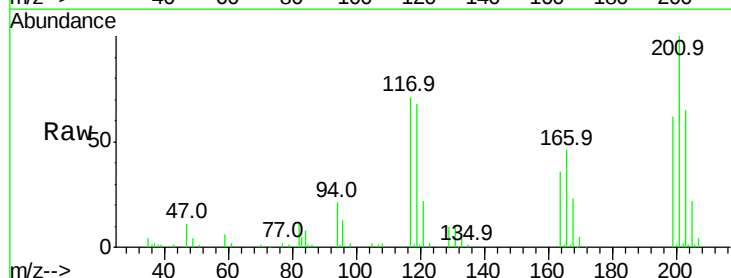
Manual Integrations
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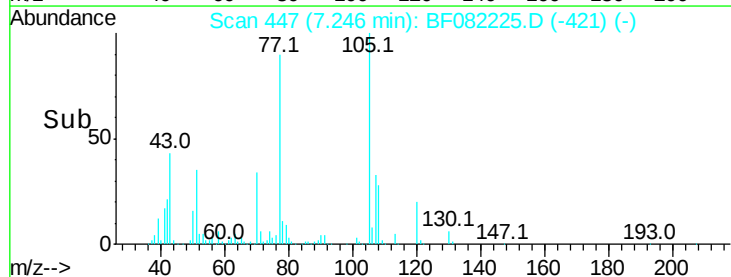
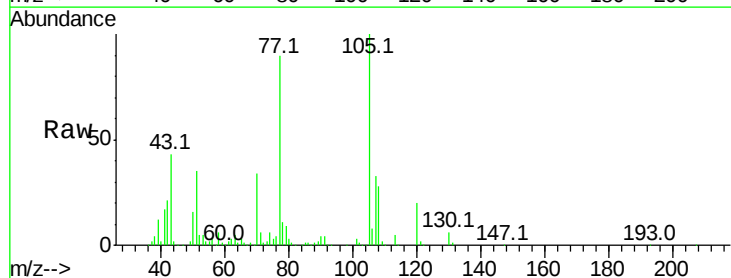
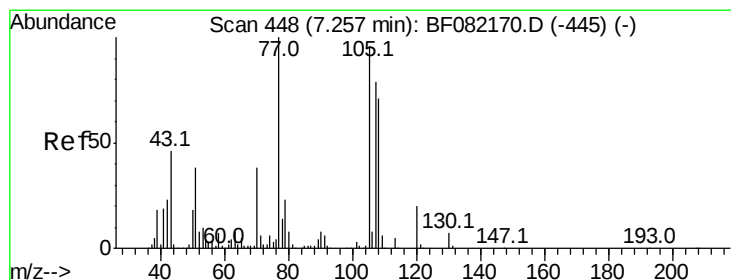
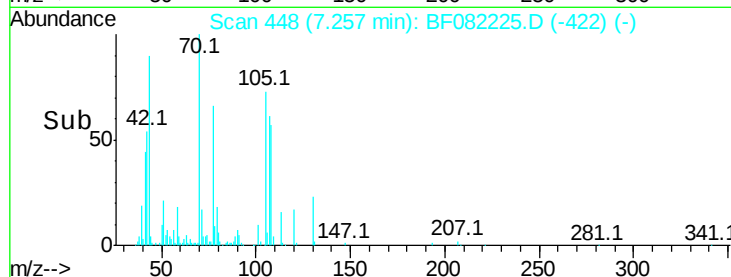
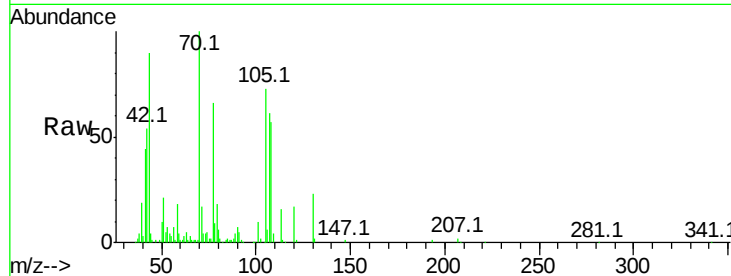
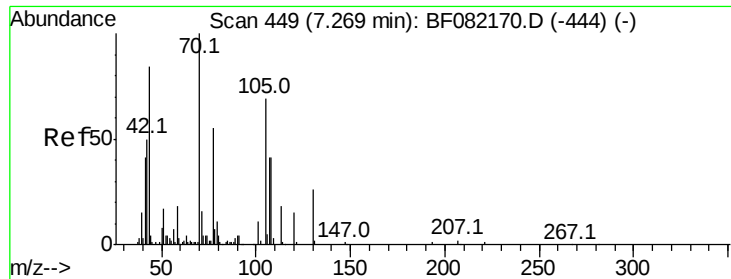
MMdadoda
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#18
Hexachloroethane
Concen: 42.65 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:	117	Resp:	74894
Ion Ratio	Lower	Upper	
117	100		
119	95.8	75.4	113.2
201	140.6	73.4	110.0#





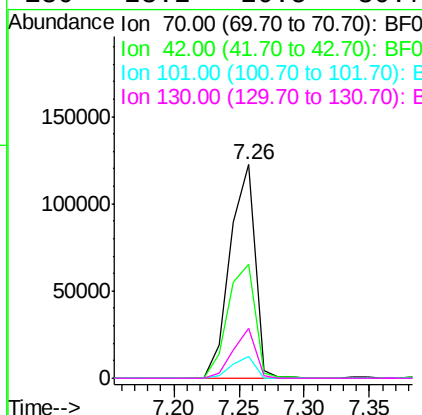
#19
n-Nitroso-di-n-propylamine
Concen: 51.59 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	39.8	59.8
101	10.2	8.6	13.0
130	23.2	20.5	30.7

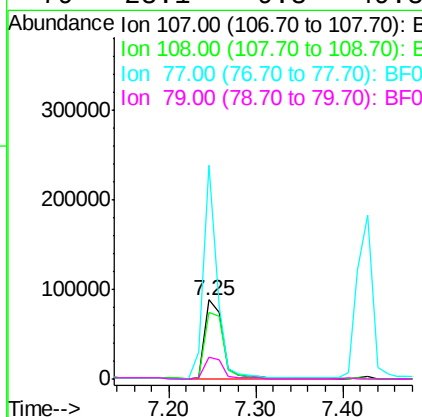
Manual Integrations
APPROVED

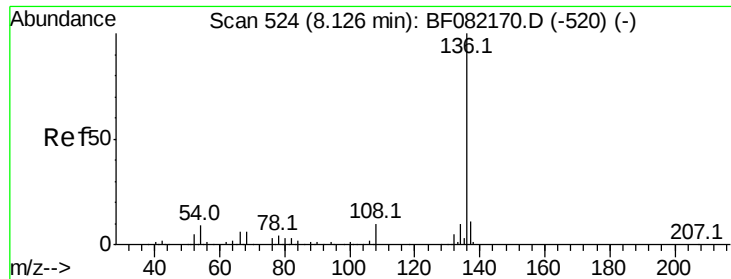
MMdadoda
10/13/2015 1:27:40 PM



#20
3+4-Methylphenols
Concen: 31.91 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.7	69.9	109.9
77	270.7	106.0	146.0#
79	28.1	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

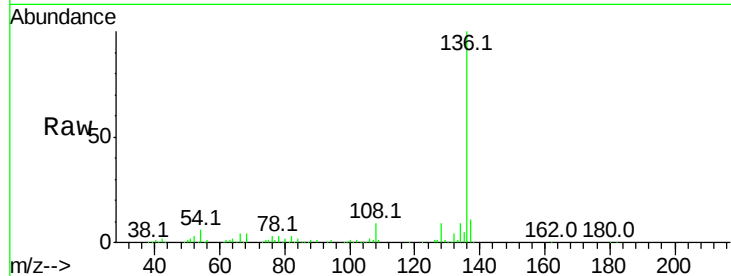
ClientSampleId :

TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	271579		
137	10.5		9.0	13.6
54	5.8		7.5	11.3#
68	4.0		4.6	7.0#

Manual Integrations
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MMdadoda
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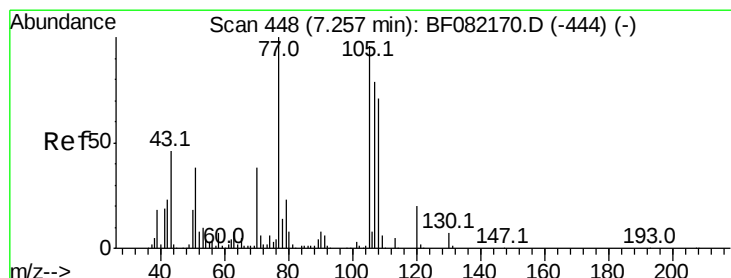
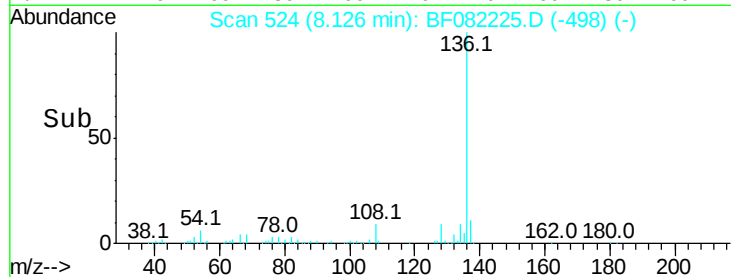
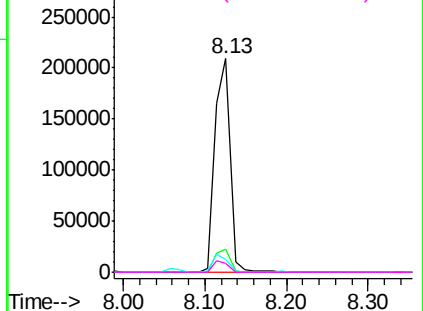
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.74 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288699		
71	5.6		5.4	8.0
51	34.9		31.8	47.6
120	20.3		16.3	24.5

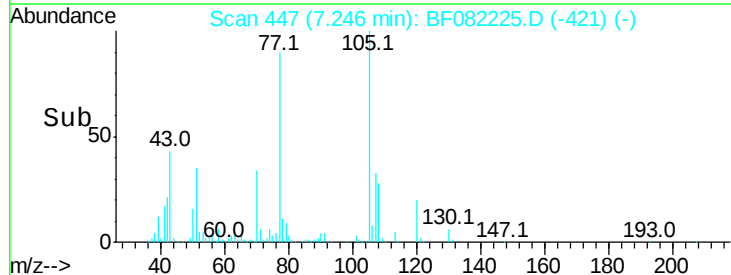
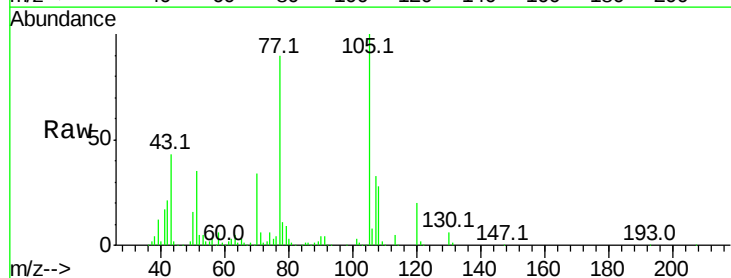
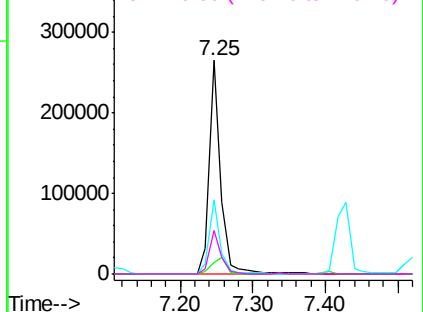
Abundance

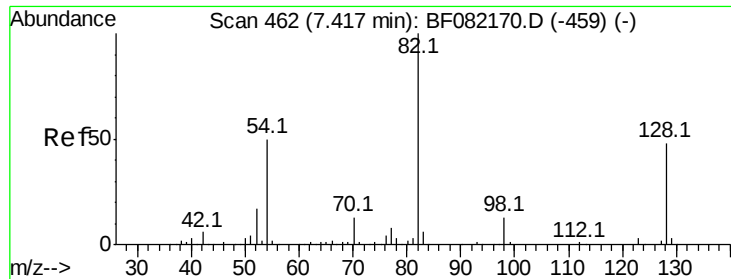
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





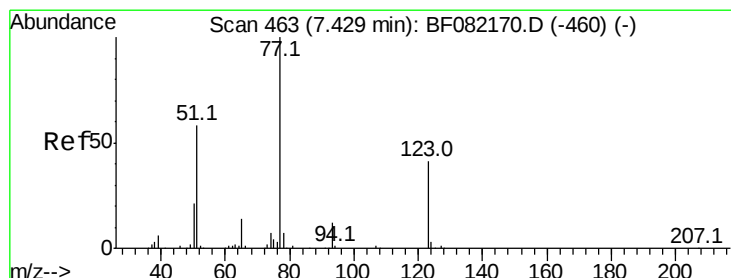
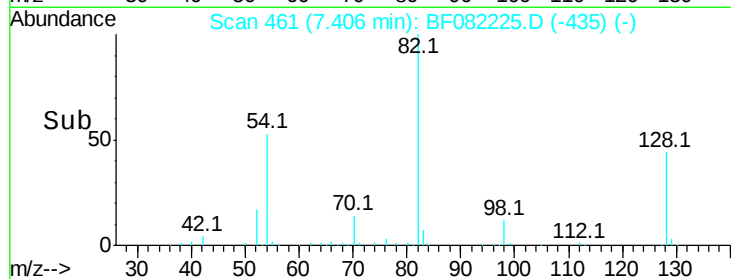
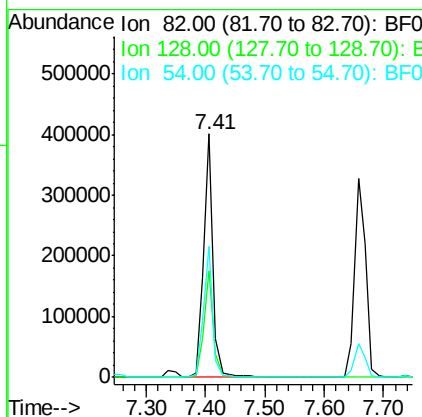
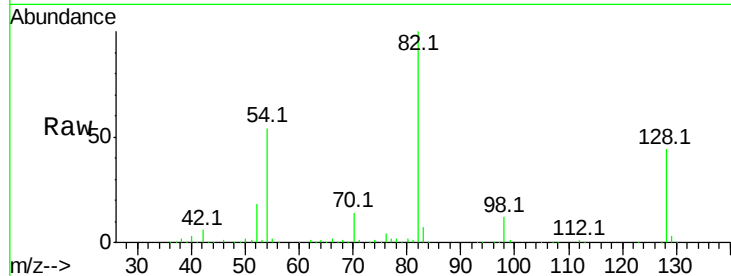
#23
Nitrobenzene-d5
Concen: 113.33 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	38.7	58.1
54	53.6	40.1	60.1

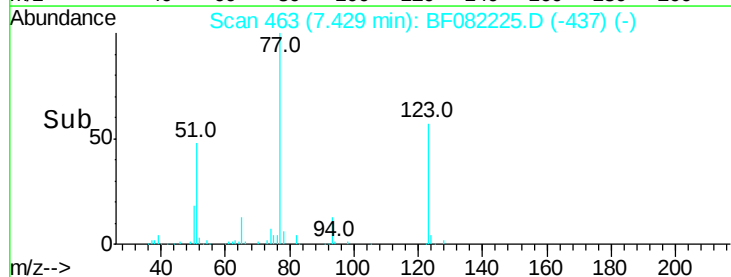
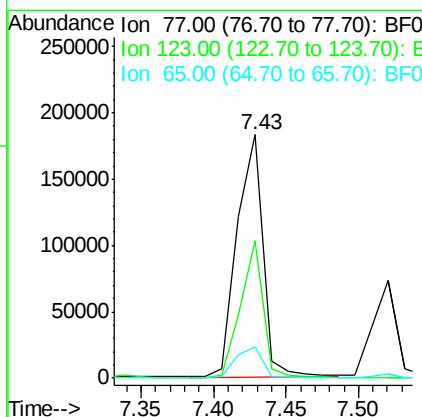
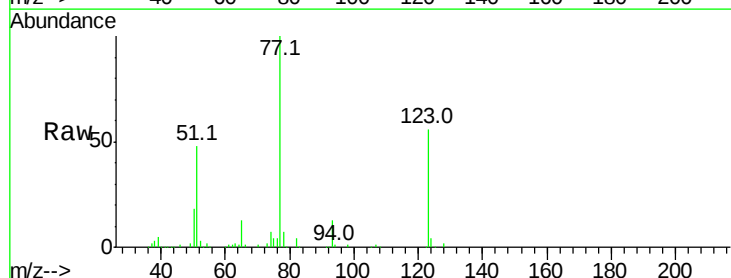
Manual Integrations
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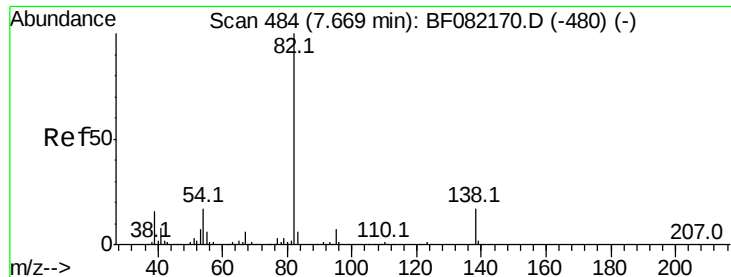
MMdadoda
10/13/2015 1:27:40 PM



#24
Nitrobenzene
Concen: 52.09 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.4	33.0	49.4#
65	12.8	11.2	16.8





#25

Isophorone

Concen: 51.65 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

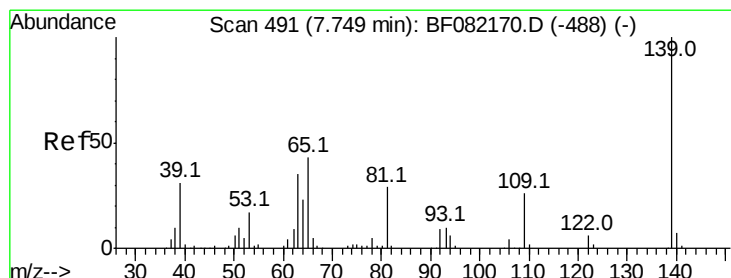
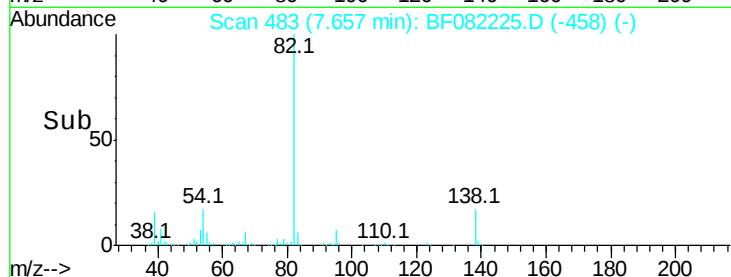
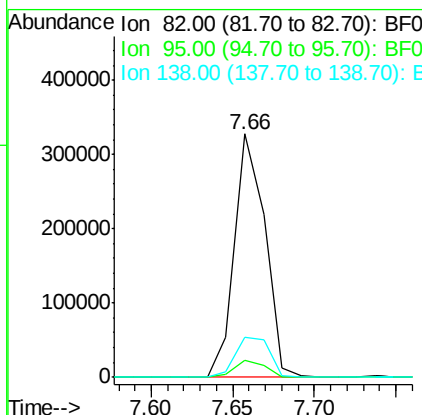
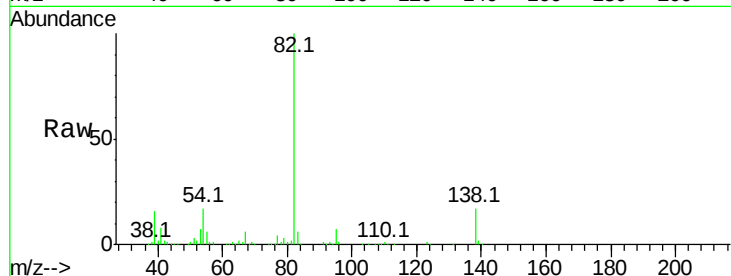
ClientSampleId :

TE-PMW(43)MSD

Tot Ion:	82	Resp:	421583
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	16.7	13.6	20.4

Manual Integrations
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MMdadoda
10/13/2015 1:27:40 PM



#26

2-Nitrophenol

Concen: 52.62 ng

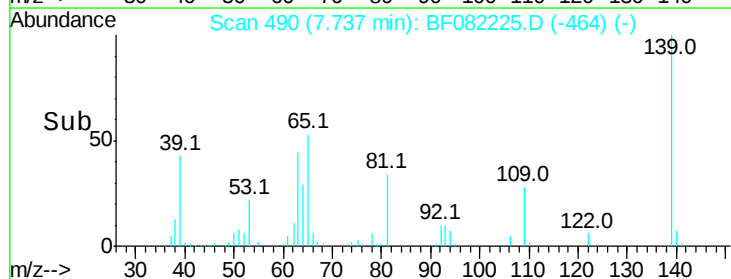
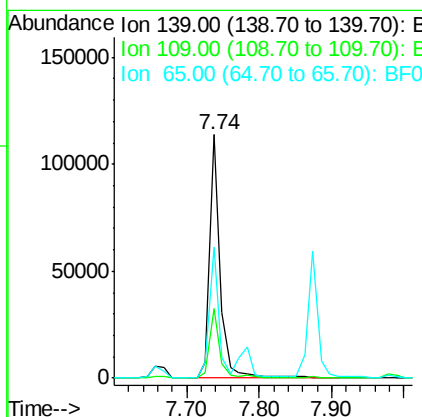
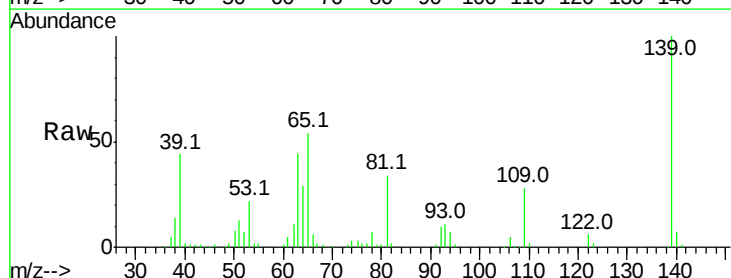
RT: 7.74 min Scan# 490

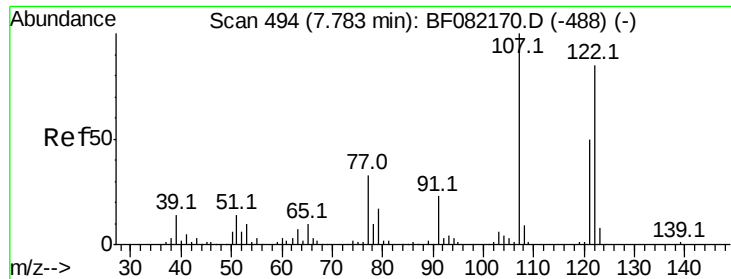
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	139	Resp:	115021
Ion Ratio	Lower	Upper	
139	100		
109	28.4	20.6	31.0
65	54.0	34.3	51.5#





#27

2,4-Dimethylphenol

Concen: 51.11 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

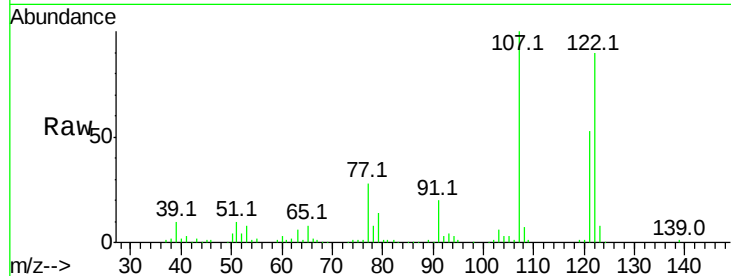
ClientSampleId :

TE-PMW(43)MSD

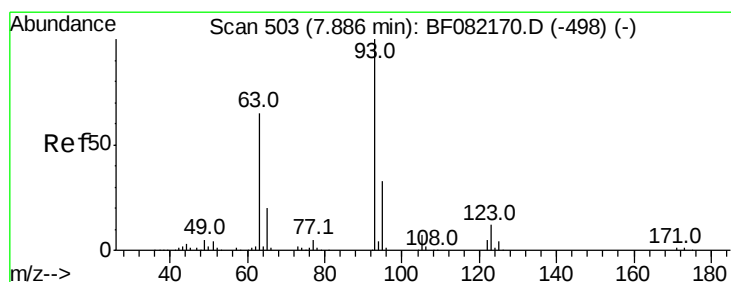
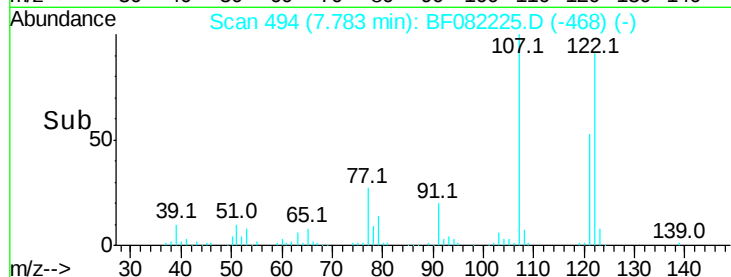
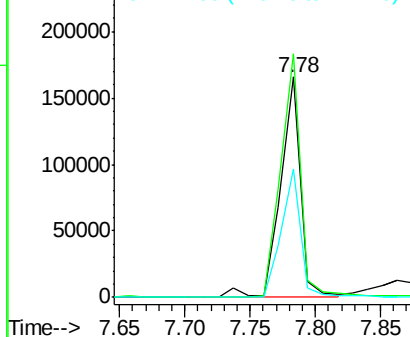
Tot Ion:	122	Resp:	179994
Ion Ratio	Lower	Upper	
122	100		
107	110.6	94.0	141.0
121	58.2	46.8	70.2

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 55.27 ng

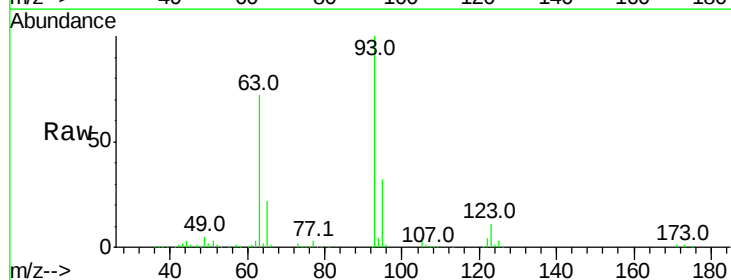
RT: 7.87 min Scan# 502

Delta R.T. -0.00 min

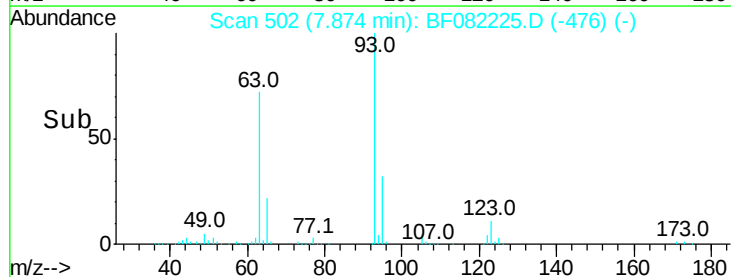
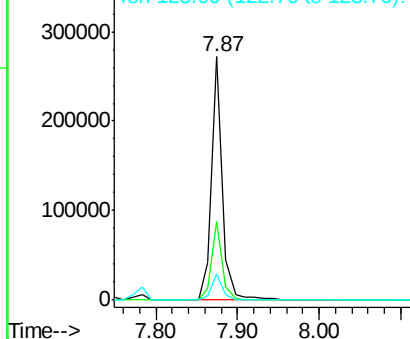
Lab File: BF082225.D

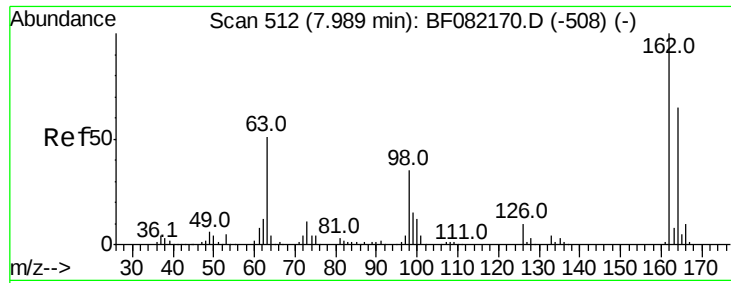
Acq: 12 Oct 2015 17:40

Tgt Ion:	93	Resp:	262469
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.6	39.8
123	10.6	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





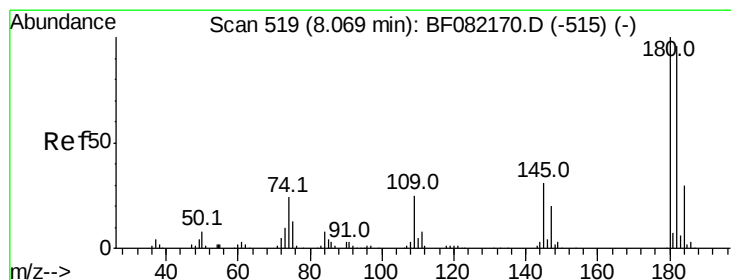
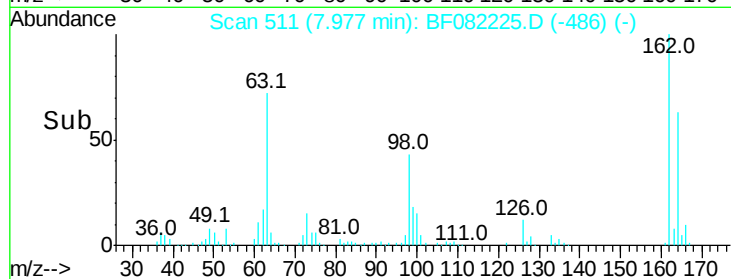
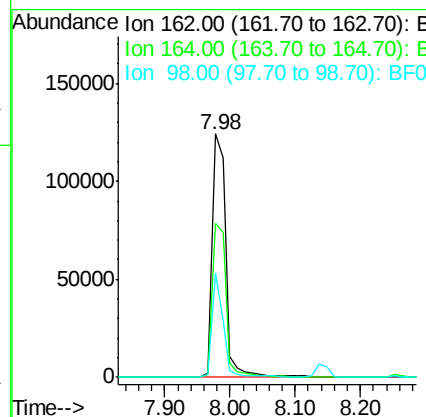
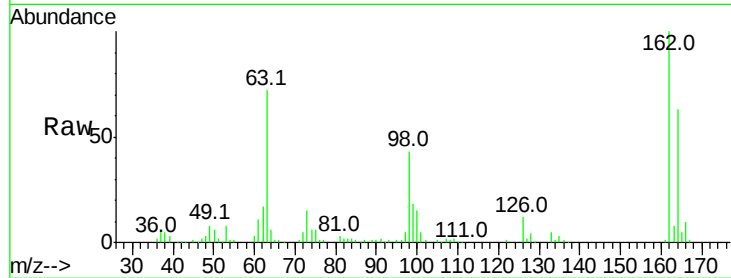
#29
2,4-Dichlorophenol
Concen: 51.97 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	182956		
164	63.3		44.6	84.6
98	42.9		15.0	55.0

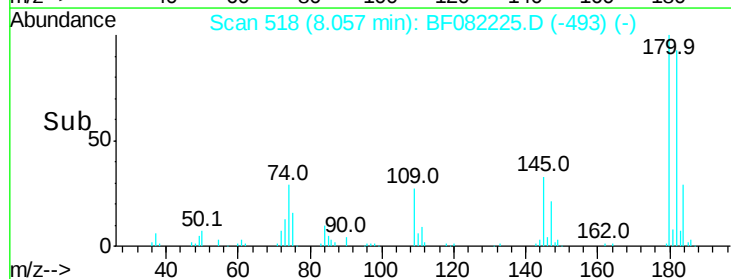
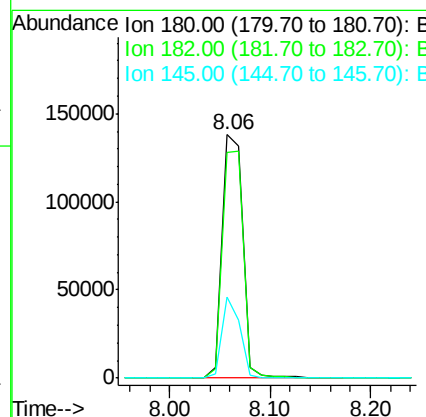
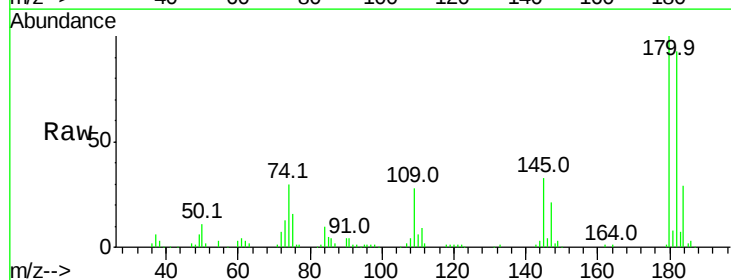
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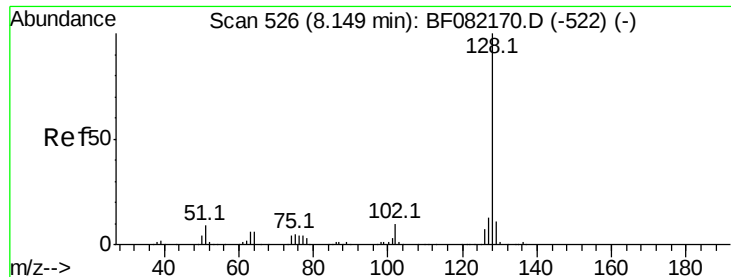
MMdadoda
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#30
1,2,4-Trichlorobenzene
Concen: 48.45 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196604		
182	93.0		77.0	115.4
145	33.2		25.0	37.4





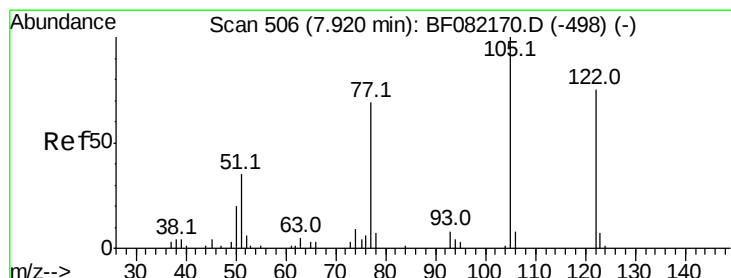
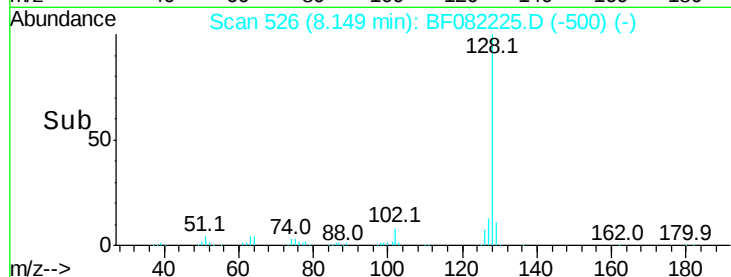
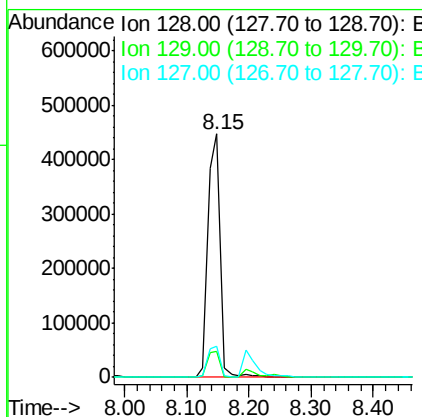
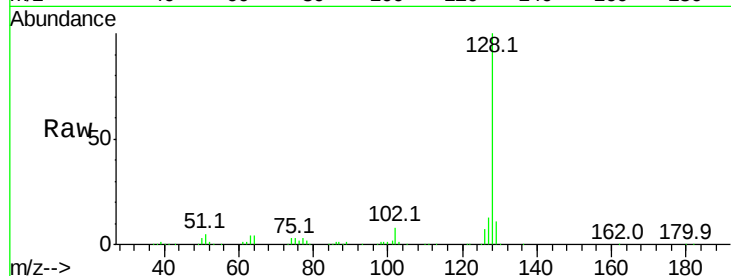
#31
Naphthalene
Concen: 52.38 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	616609		
129	10.7		9.1	13.7
127	13.0		10.7	16.1

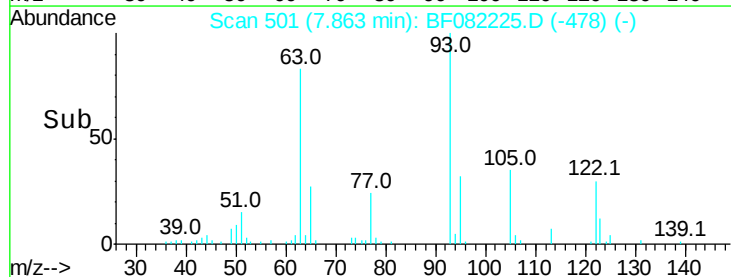
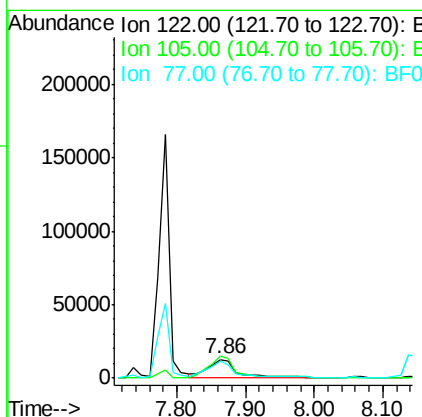
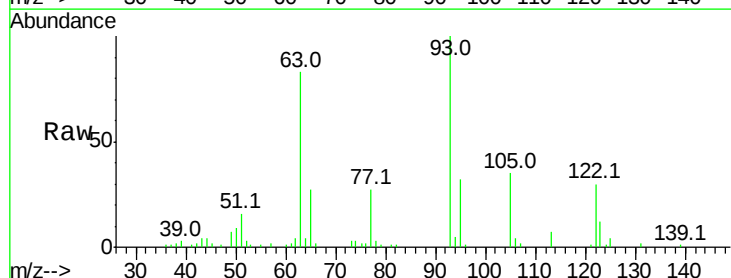
Manual Integrations
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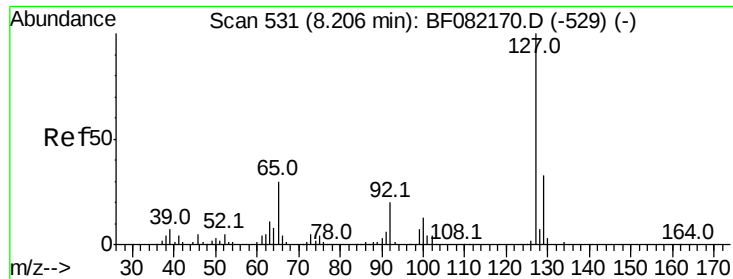
MMdadoda
10/13/2015 1:27:40 PM



#32
Benzoic acid
Concen: 15.48 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	36596		
105	115.6		104.4	144.4
77	89.9		69.0	109.0





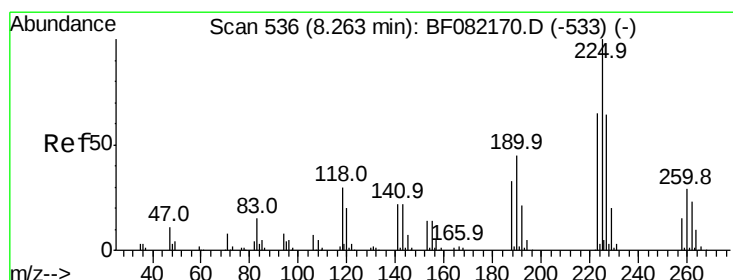
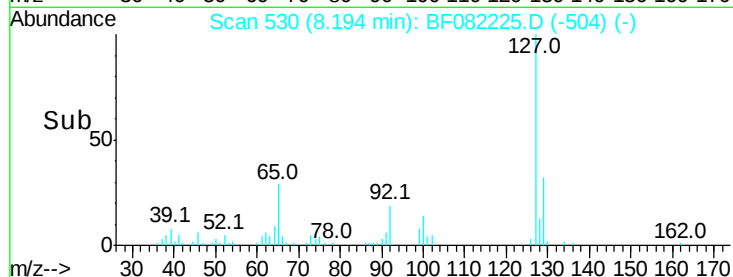
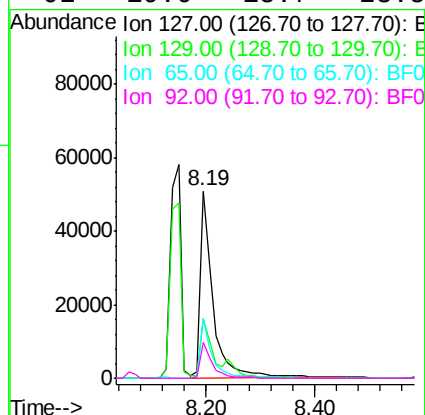
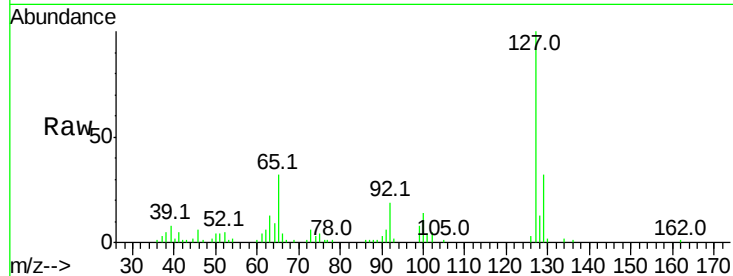
#33
4-Chloroaniline
Concen: 16.44 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.3	39.5	
65	32.3	24.4	36.6	
92	19.0	15.7	23.5	

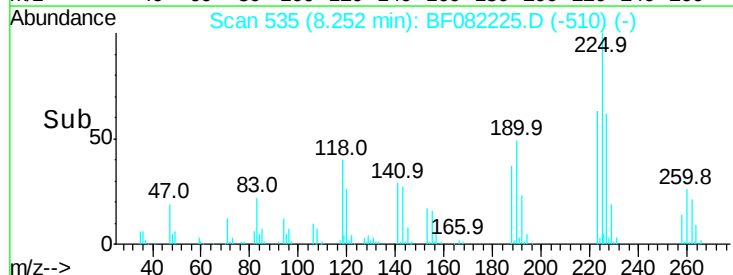
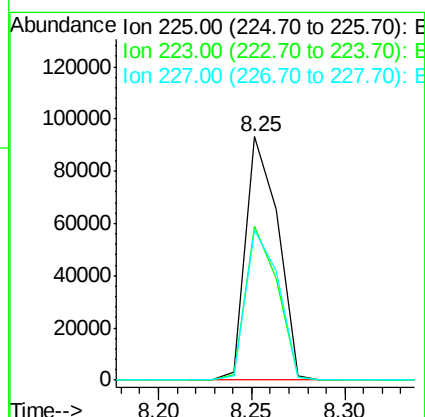
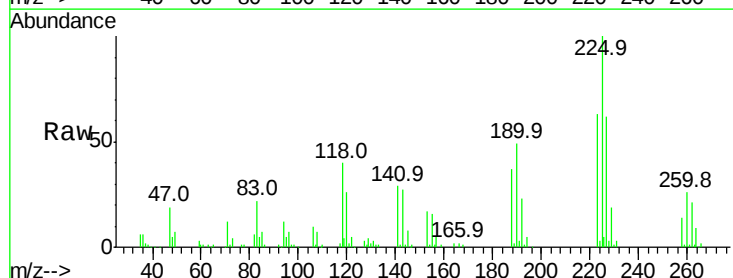
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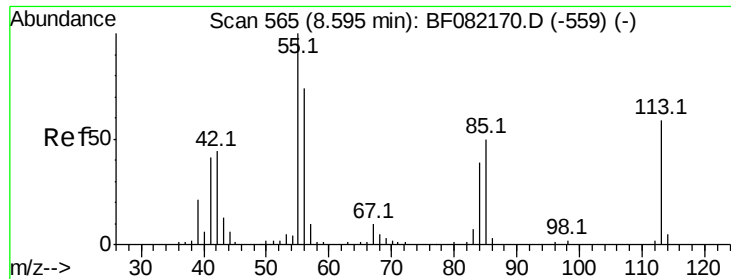
MMdadoda
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#34
Hexachlorobutadiene
Concen: 44.27 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	52.2	78.2	
227	61.7	51.3	76.9	





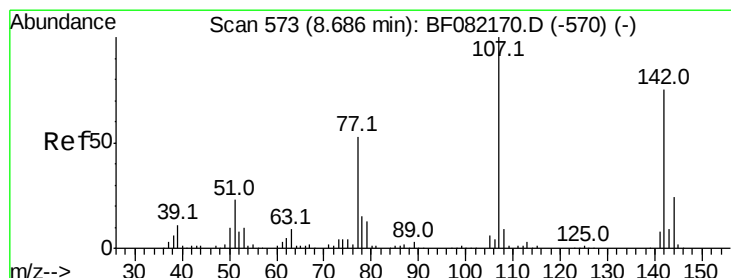
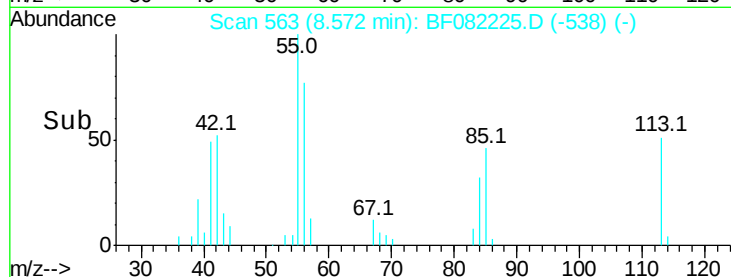
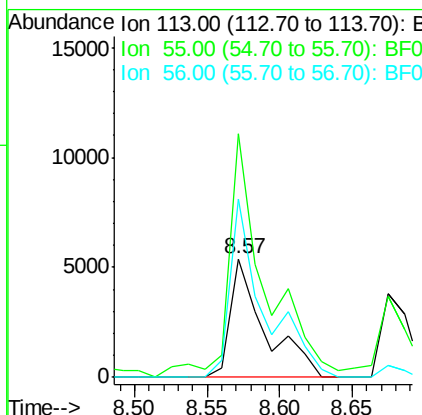
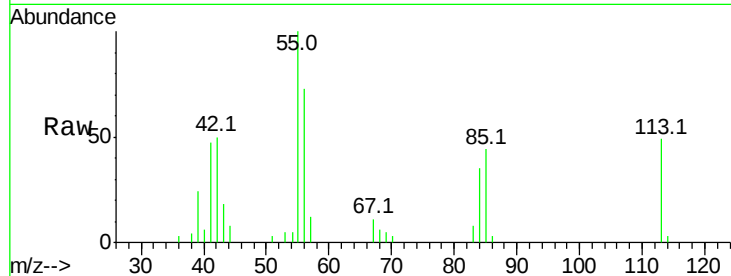
#35
 Caprolactam
 Concen: 8.71 ng
 RT: 8.57 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.2	149.7	189.7#
56	150.5	105.4	145.4#

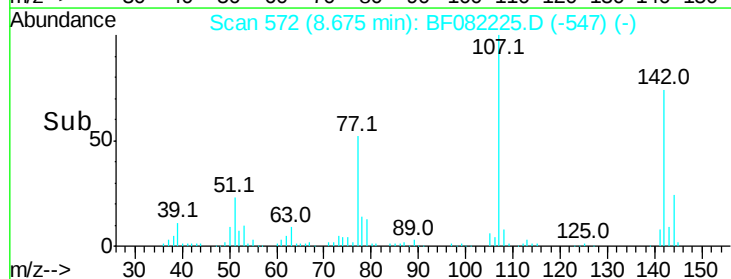
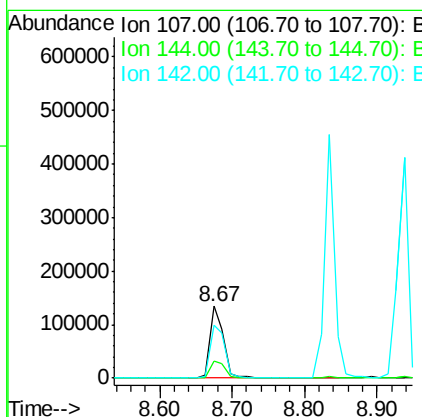
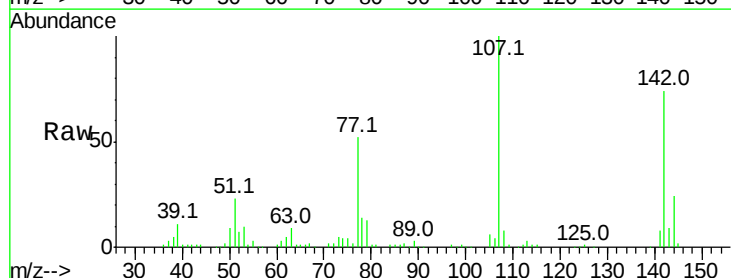
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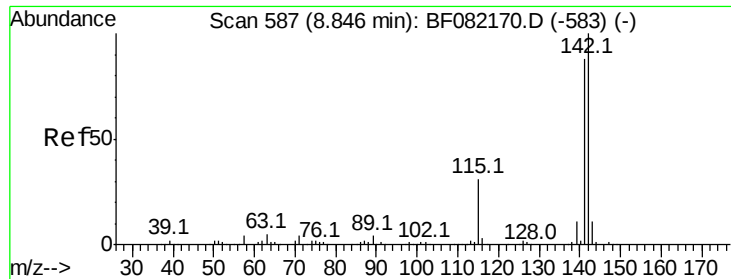
MMdadoda
 10/13/2015 1:27:40 PM



#36
 4-Chloro-3-methylphenol
 Concen: 51.03 ng
 RT: 8.67 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.3	28.9
142	74.2	59.9	89.9





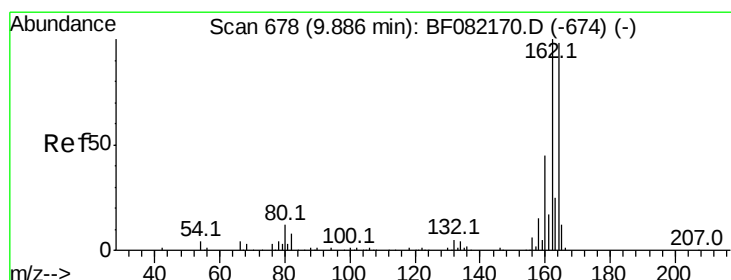
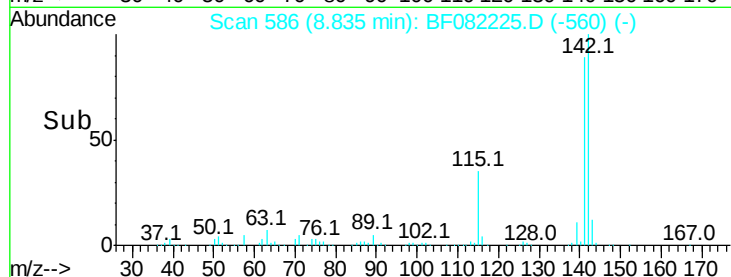
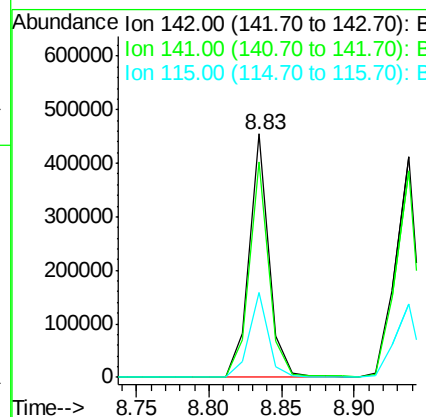
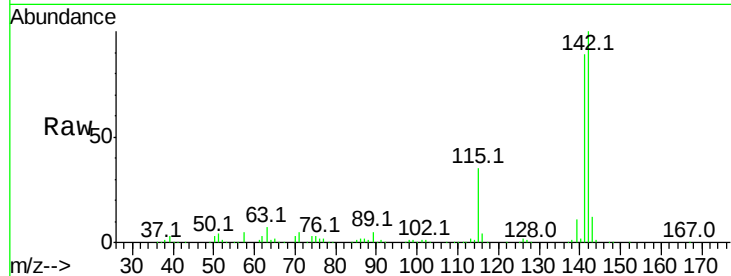
#37
2-Methylnaphthalene
Concen: 52.86 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	35.1	24.6	37.0

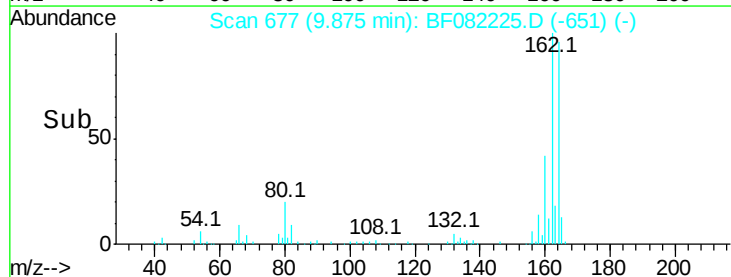
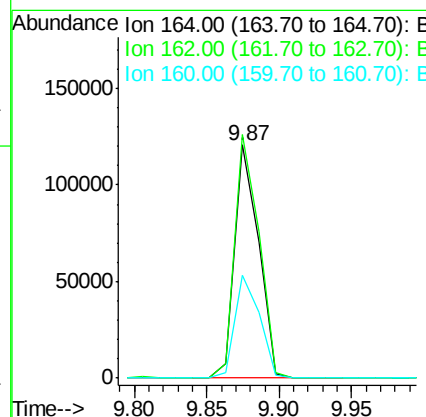
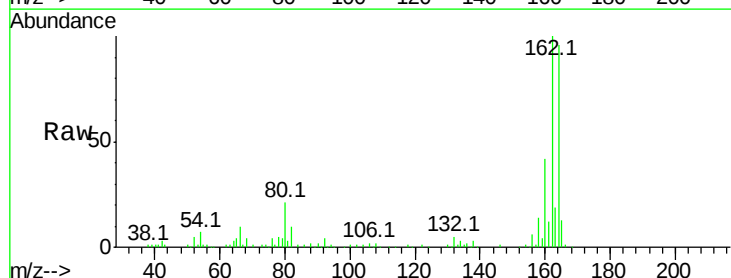
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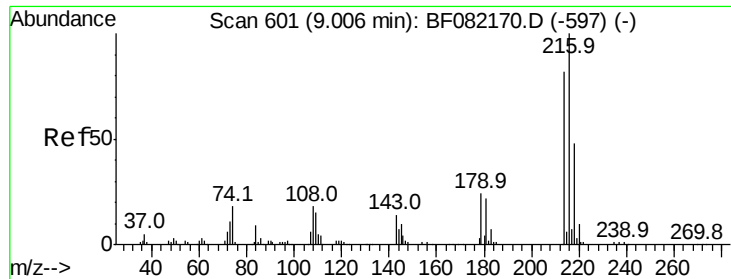
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.6	122.4
160	44.4	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.33 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

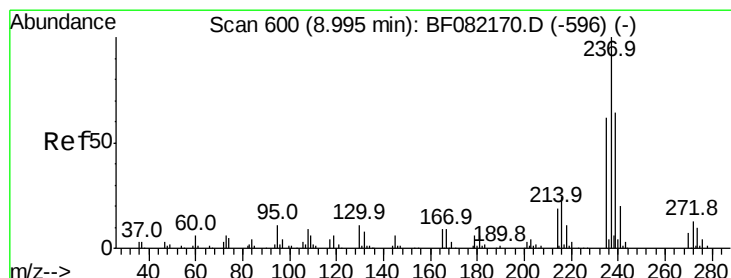
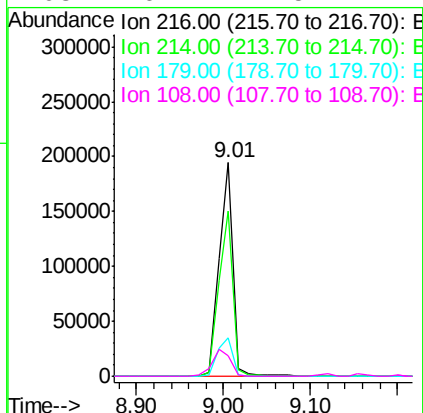
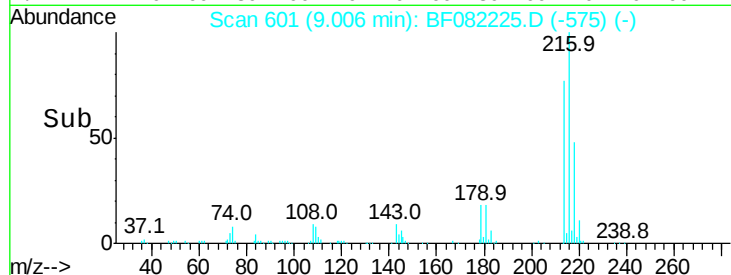
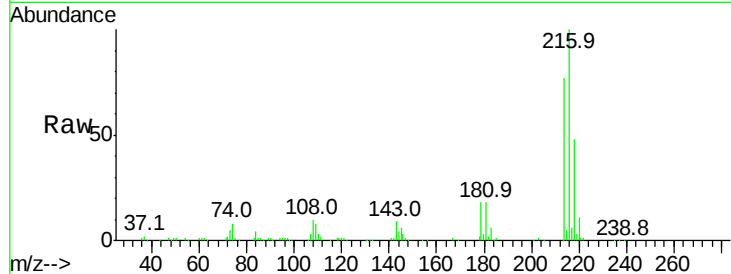
ClientSampleId :

TE-PMW(43)MSD

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	219064		
214	78.5	64.6	97.0	
179	20.0	17.6	26.4	
108	16.7	14.5	21.7	



#40

Hexachlorocyclopentadiene

Concen: 80.29 ng

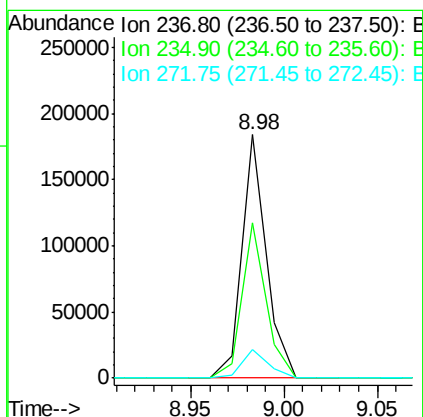
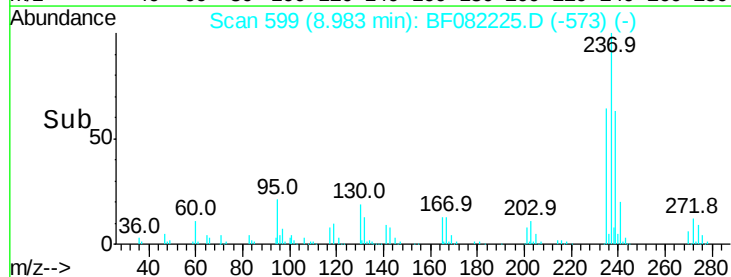
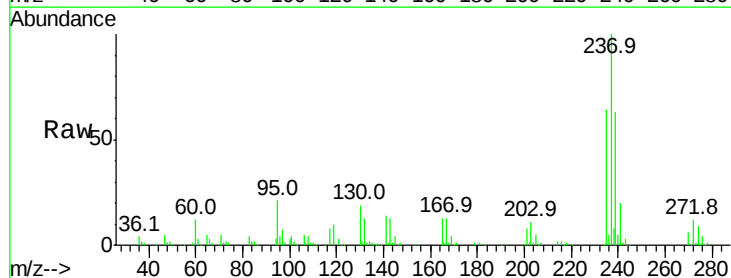
RT: 8.98 min Scan# 599

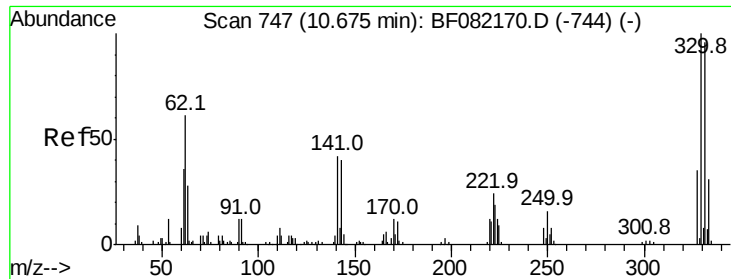
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	166958		
235	63.9	41.7	81.7	
272	11.5	0.0	32.8	





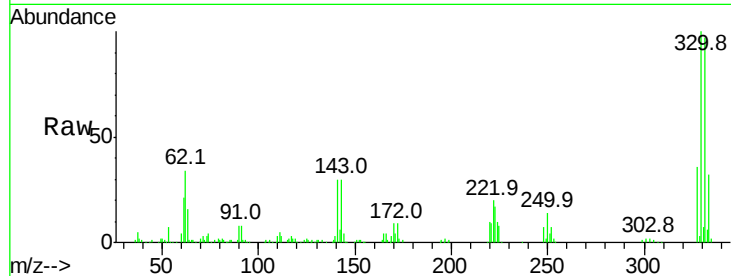
#41
 2,4,6-Tribromophenol
 Concen: 166.50 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

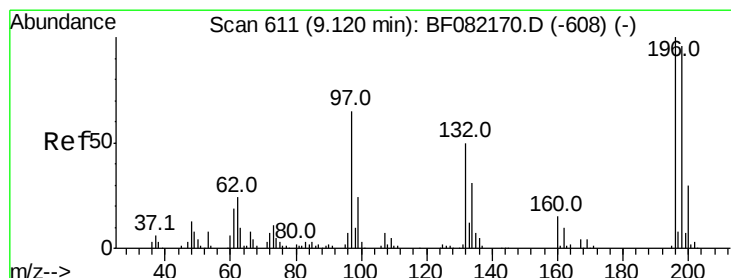
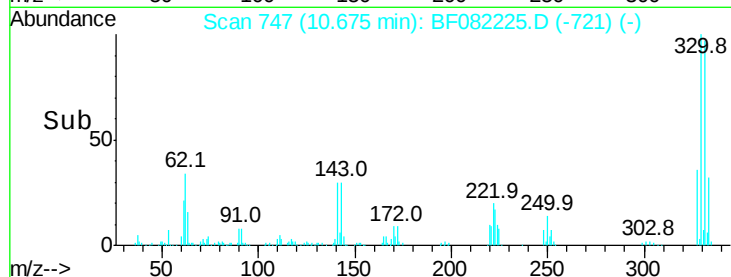
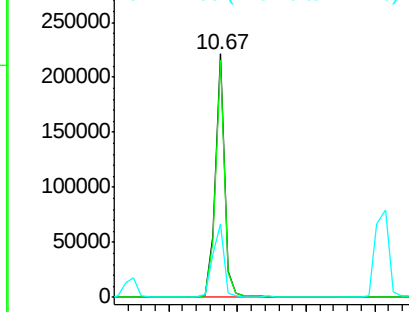
Tot Ion	Ratio	Resp	Lower	Upper
330	100	215645		
332	96.5	77.1	115.7	
141	36.1	29.8	44.8	

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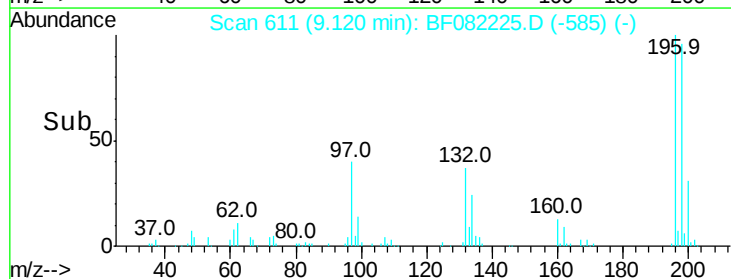
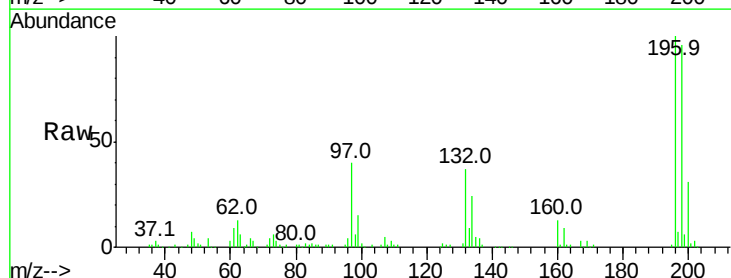
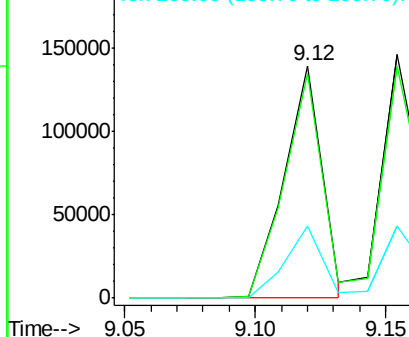
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

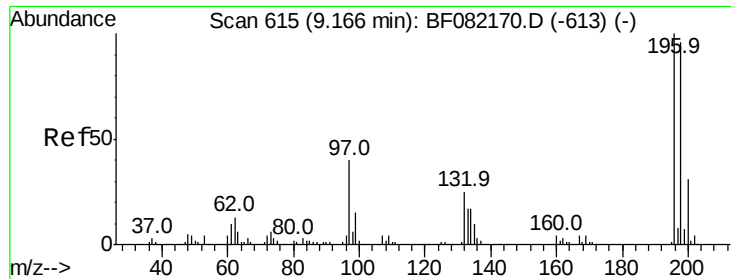


#42
 2,4,6-Trichlorophenol
 Concen: 51.78 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	141266		
198	96.4	76.6	115.0	
200	30.9	23.7	35.5	

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





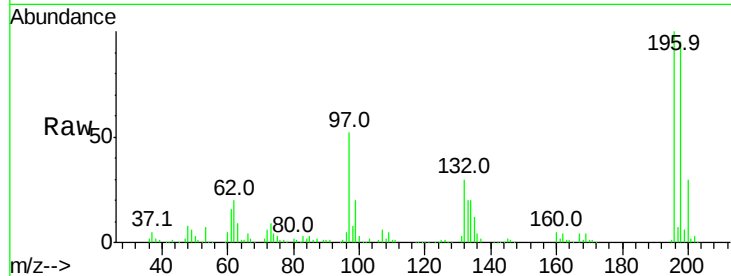
#43
 2,4,5-Trichlorophenol
 Concen: 54.55 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161230		
198	95.4	77.0	115.4	
97	52.3	31.9	47.9	
132	30.5	20.3	30.5	

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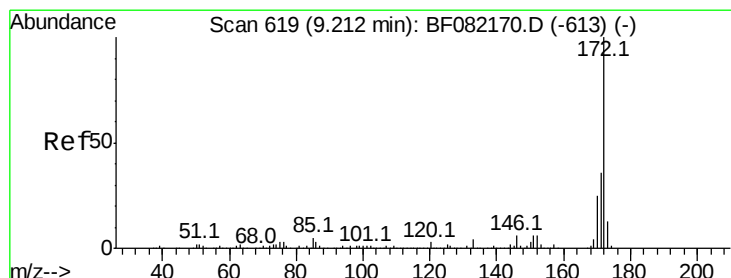
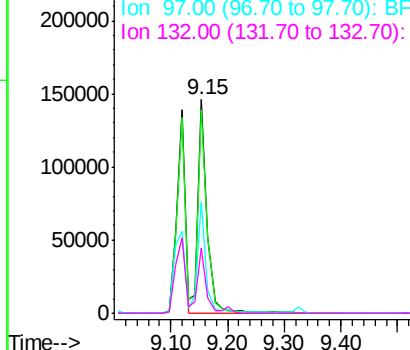
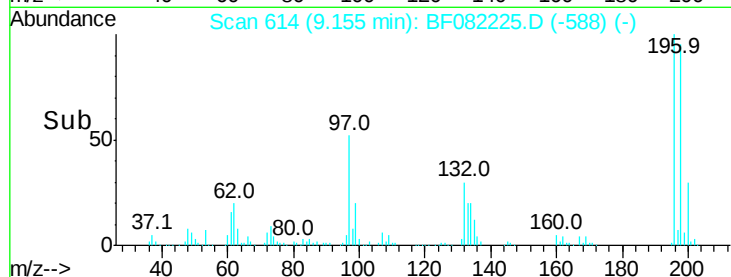
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

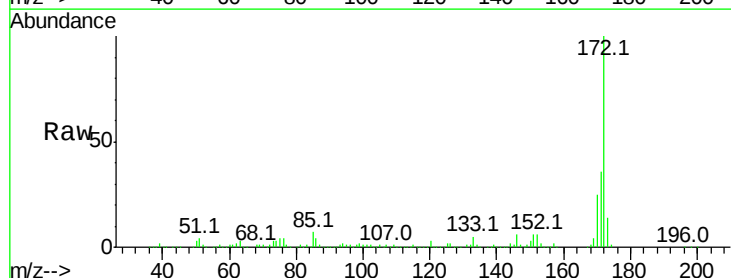
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.93 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	865526		
171	36.3	28.6	42.8	
170	25.0	19.7	29.5	

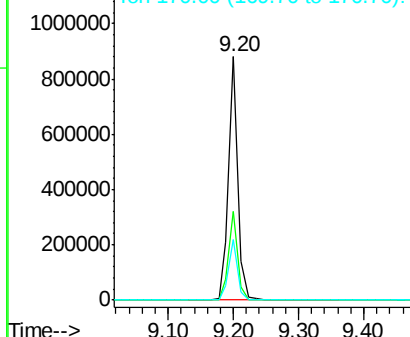
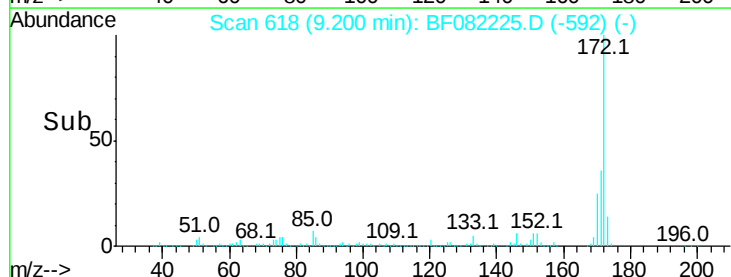


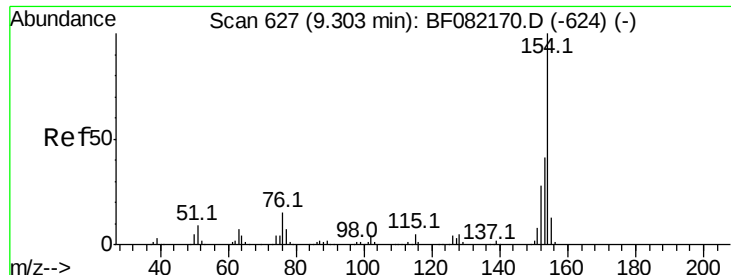
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 55.07 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

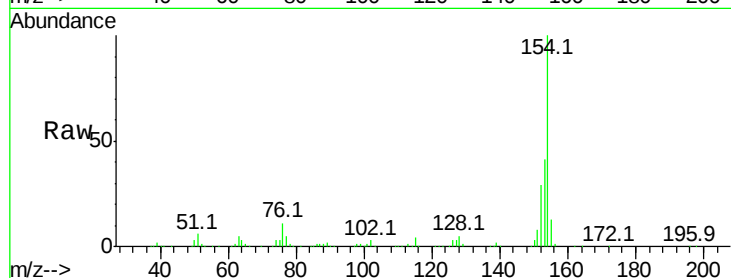
ClientSampleId :

TE-PMW(43)MSD

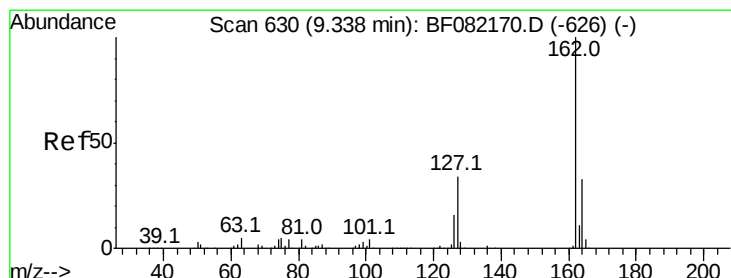
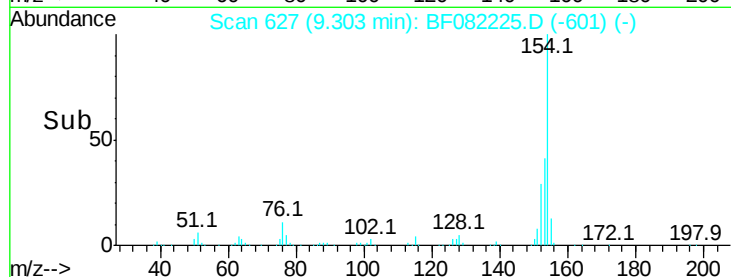
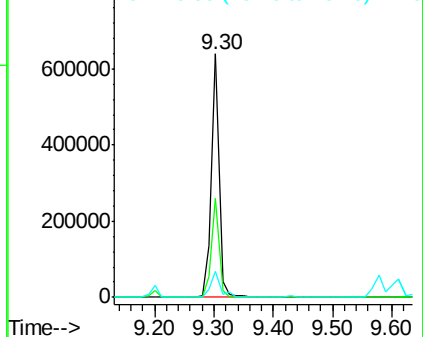
Tot Ion:	154	Resp:	579976
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.6	60.6
76	10.6	0.0	35.2

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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: 52.93 ng

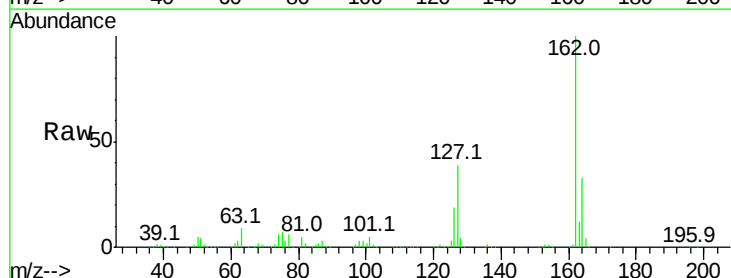
RT: 9.33 min Scan# 629

Delta R.T. -0.00 min

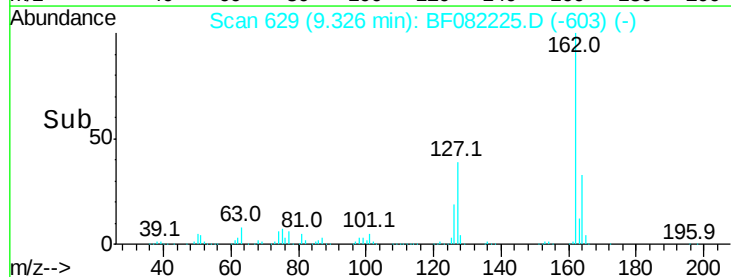
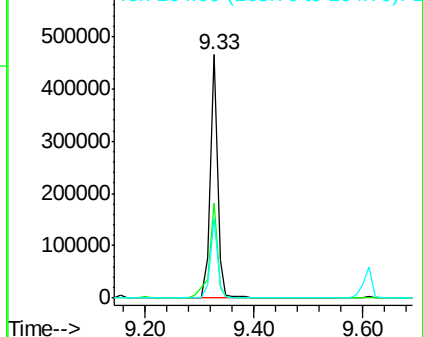
Lab File: BF082225.D

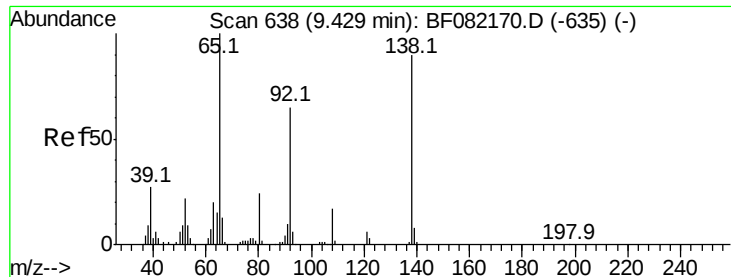
Acq: 12 Oct 2015 17:40

Tgt Ion:	162	Resp:	438832
Ion Ratio	Lower	Upper	
162	100		
127	39.2	27.5	41.3
164	33.0	26.6	39.8



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





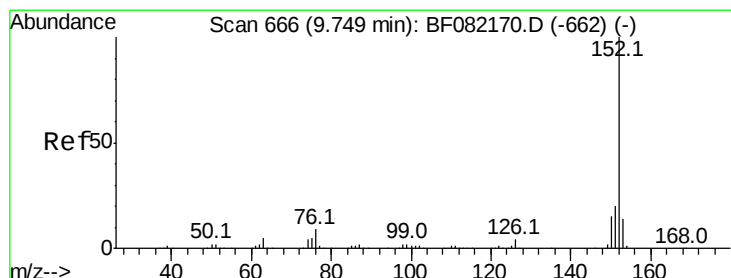
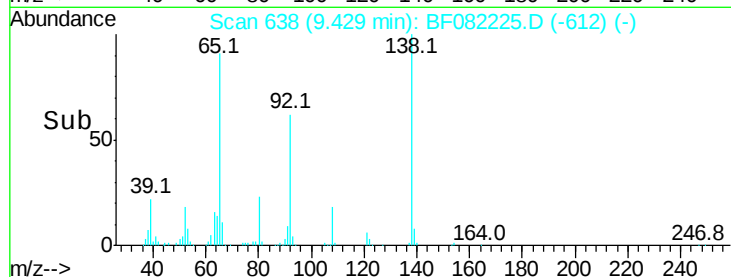
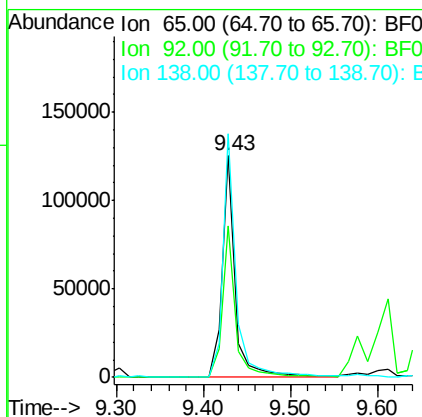
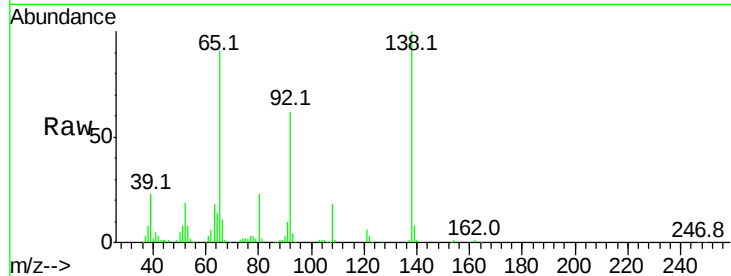
#47
2-Nitroaniline
Concen: 59.17 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.6	52.3	78.5
138	109.9	72.2	108.4

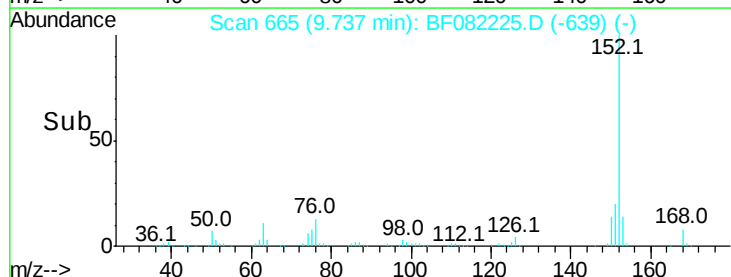
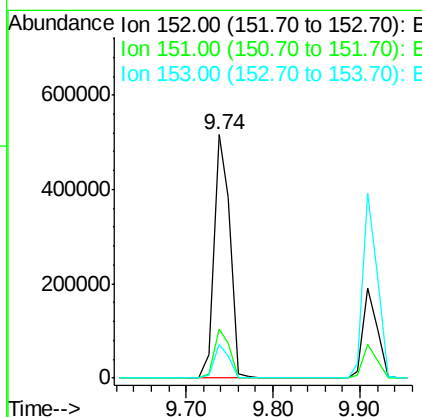
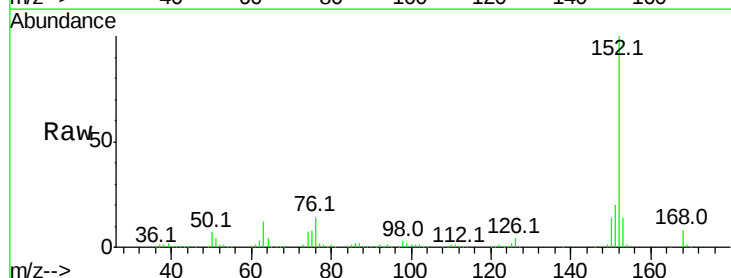
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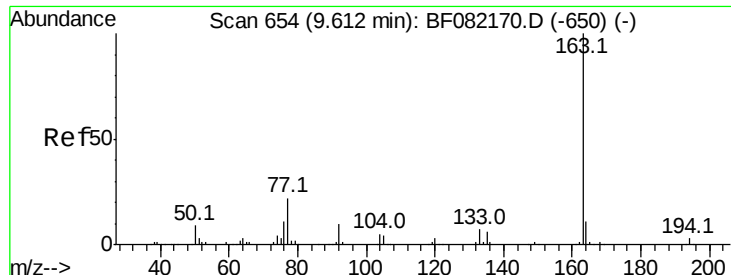
MMdadoda
10/13/2015 1:27:40 PM



#48
Acenaphthylene
Concen: 51.56 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.7	10.8	16.2





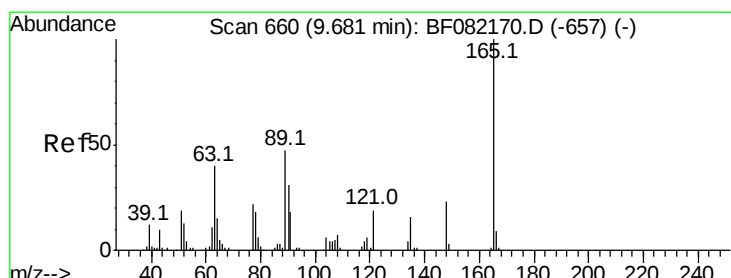
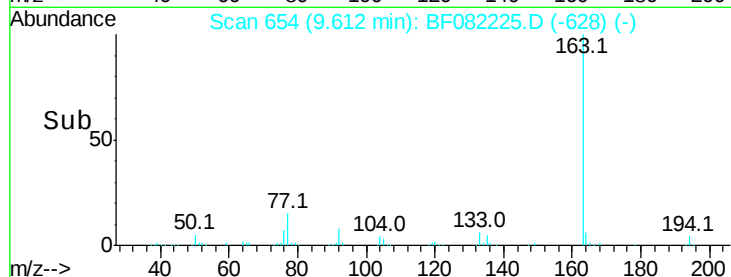
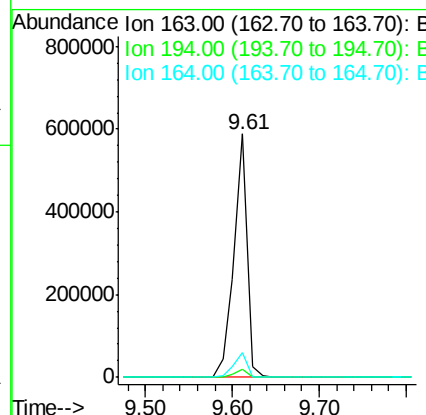
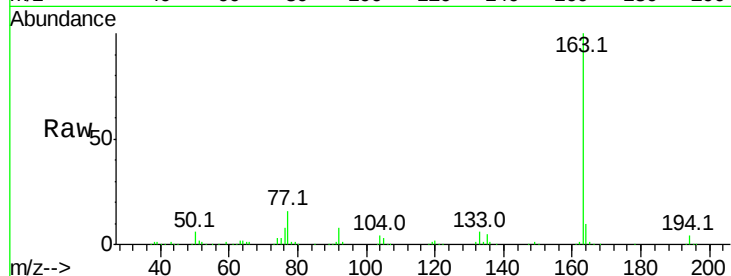
#49
Dimethylphthalate
Concen: 63.61 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	618648		
194	3.6		2.6	4.0
164	10.2		8.5	12.7

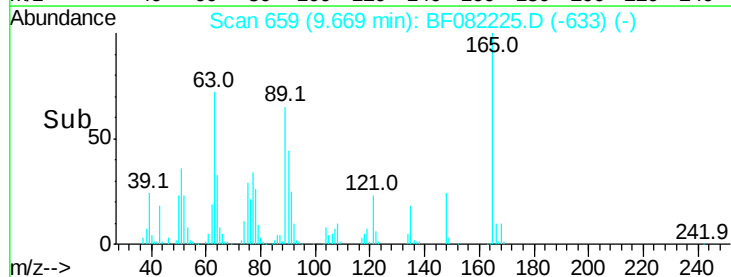
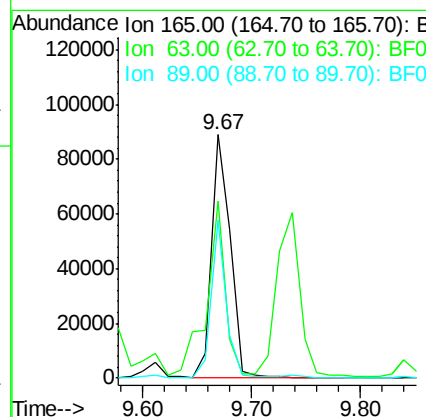
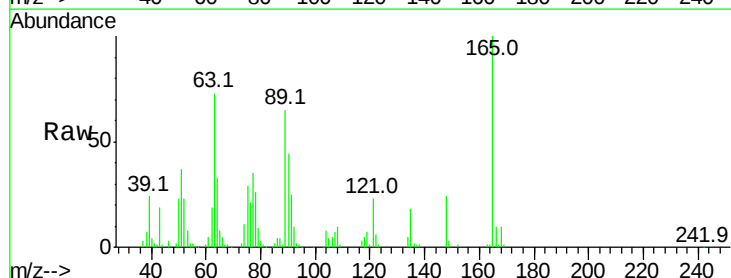
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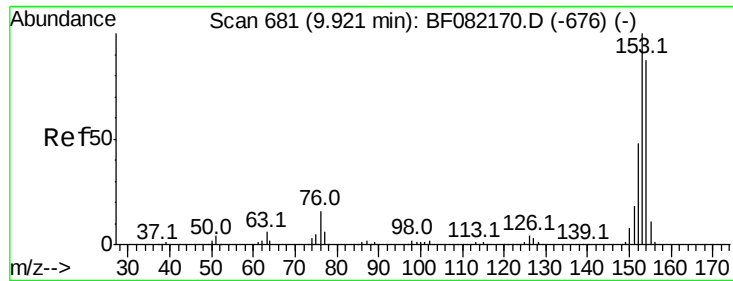
MMdadoda
10/13/2015 1:27:40 PM



#50
2,6-Dinitrotoluene
Concen: 52.85 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	108449		
63	72.6		36.7	55.1#
89	64.8		37.8	56.6#





#51

Acenaphthene

Concen: 52.17 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

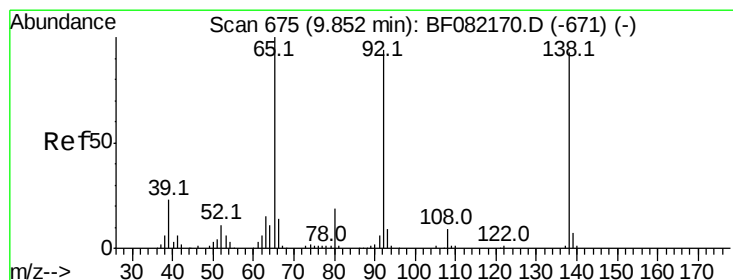
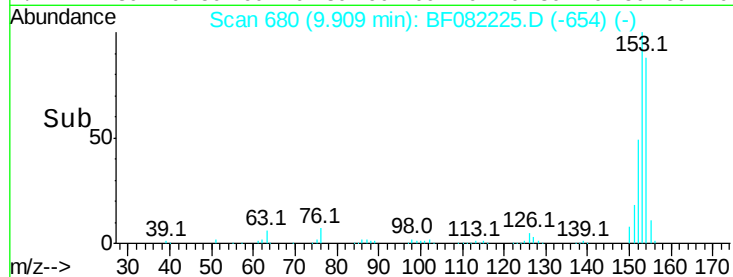
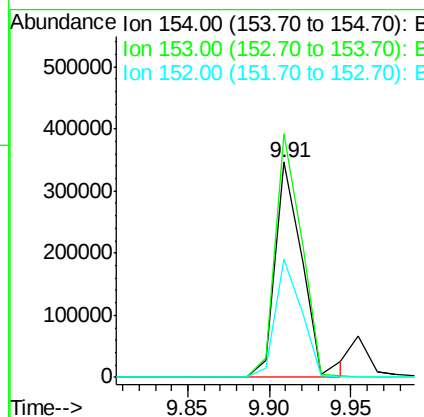
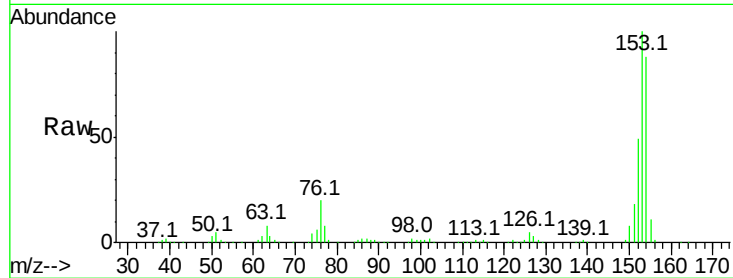
ClientSampleId :

TE-PMW(43)MSD

Tot Ion:	154	Resp:	404479
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.4	137.2
152	55.0	44.3	66.5

Manual Integrations
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#52

3-Nitroaniline

Concen: 20.39 ng

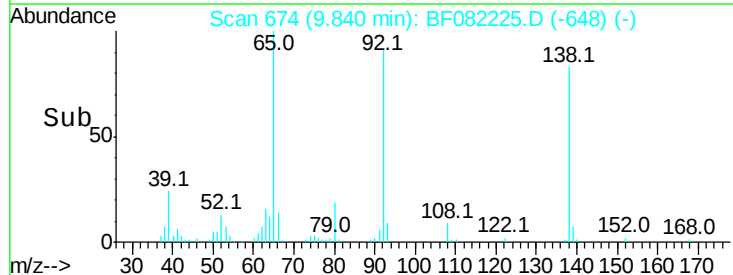
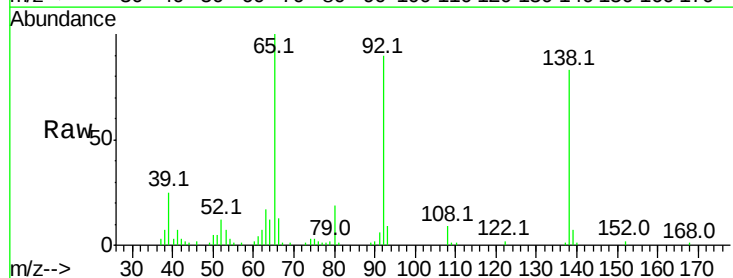
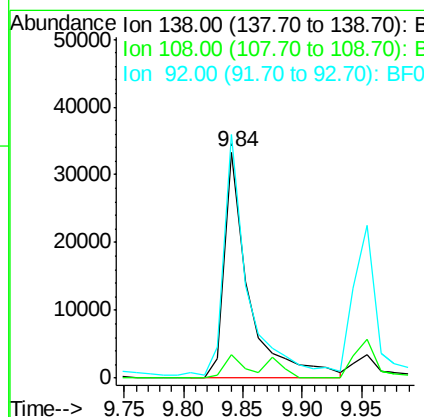
RT: 9.84 min Scan# 674

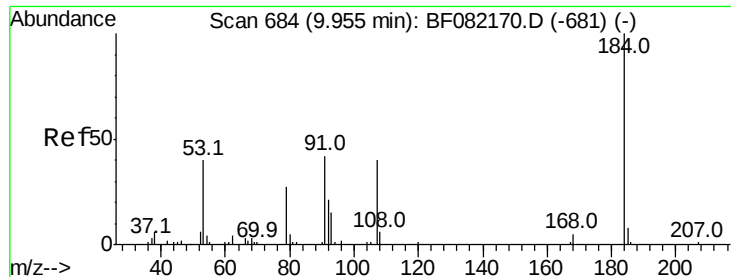
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	138	Resp:	47266
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.4	11.0
92	107.9	81.3	121.9





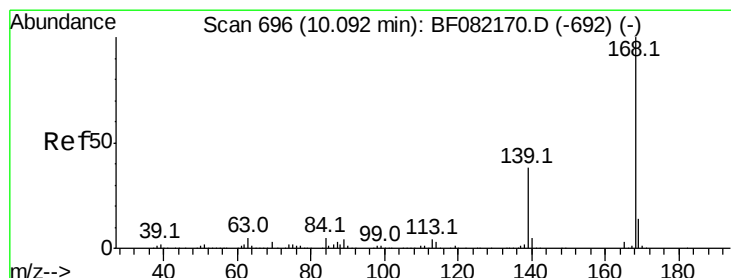
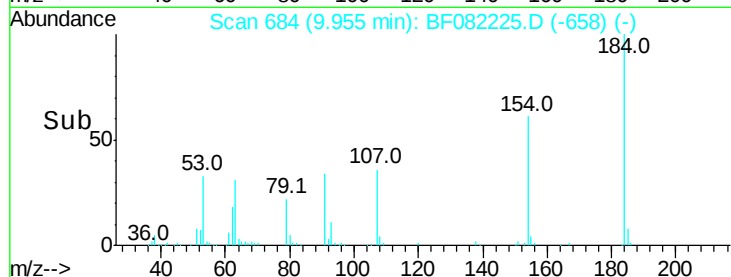
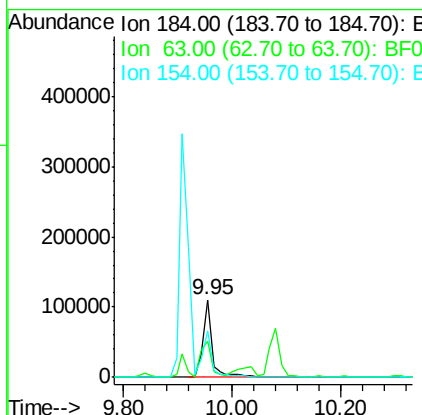
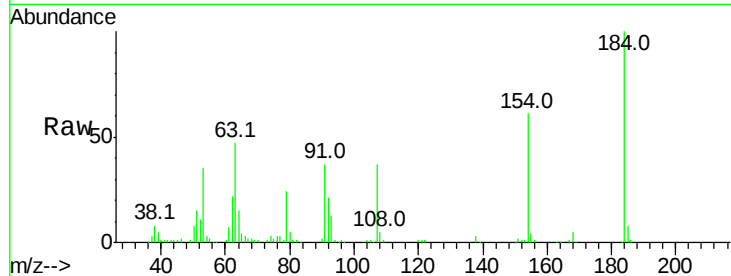
#53
2,4-Dinitrophenol
Concen: 111.62 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	131135		
63	47.1	45.1	67.7	
154	60.6	51.2	76.8	

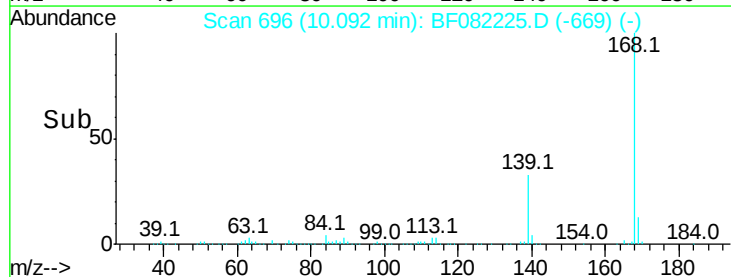
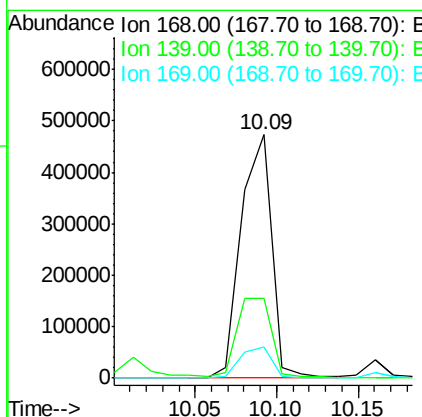
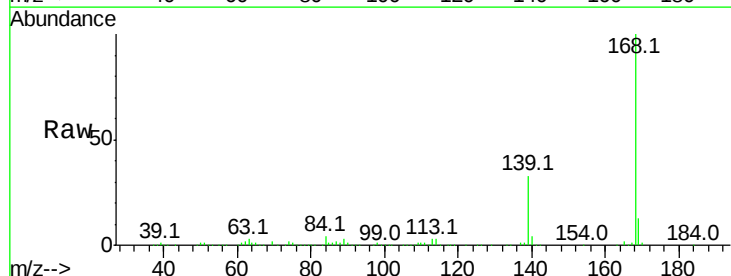
Manual Integrations
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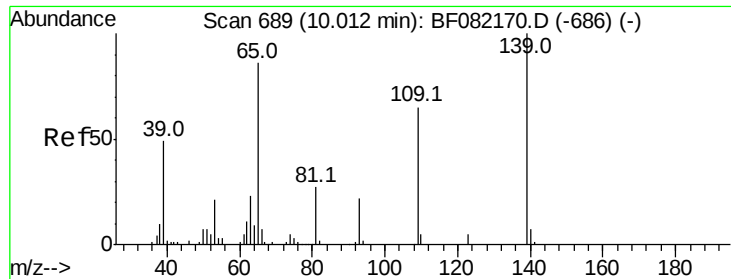
MMdadoda
10/13/2015 1:27:40 PM



#54
Dibenzofuran
Concen: 57.85 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	615800		
139	33.0	31.0	46.6	
169	12.9	10.9	16.3	





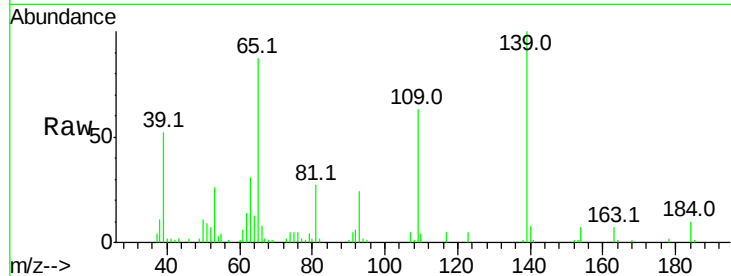
#55
4-Nitrophenol
Concen: 42.09 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.9	44.8	84.8	
65	87.1	67.7	107.7	

Manual Integrations
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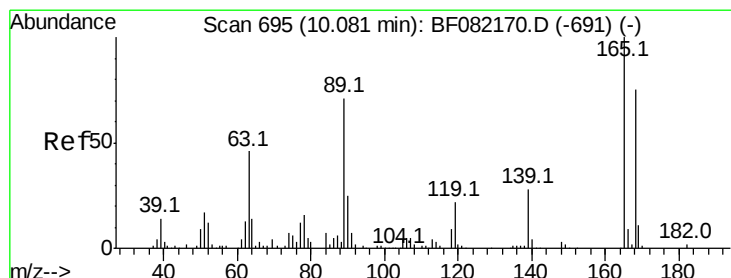
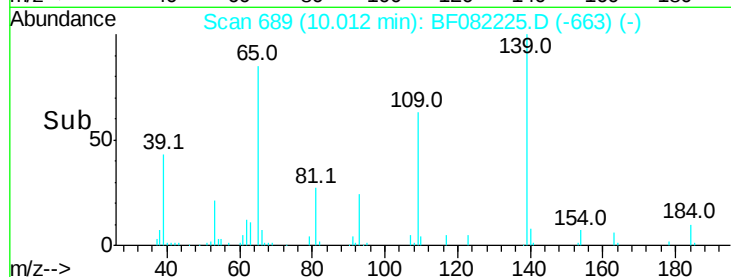
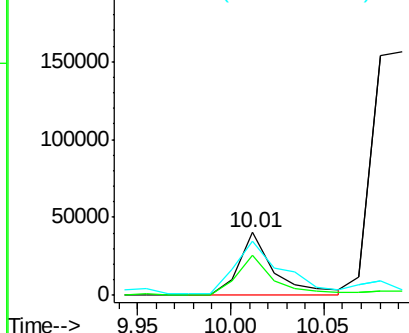


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56
2,4-Dinitrotoluene
Concen: 66.34 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.0	38.6	58.0	
89	59.7	57.0	85.6	
182	2.2	1.8	2.6	

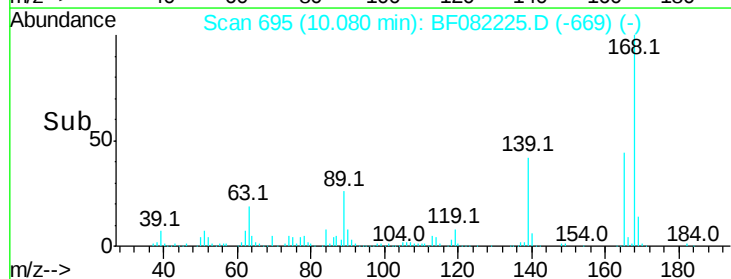
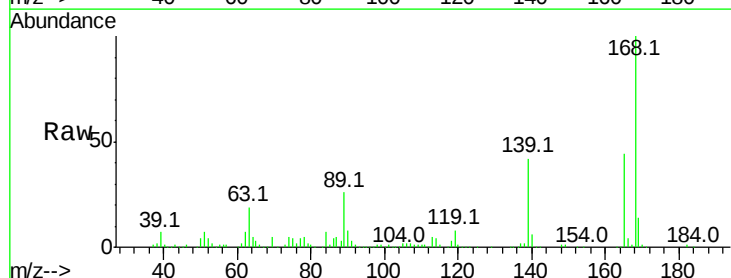
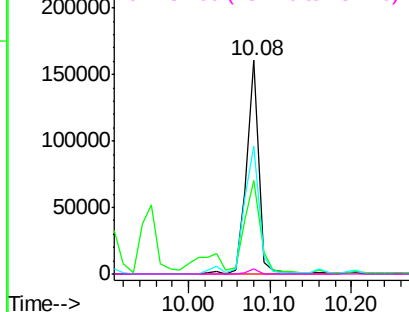
Abundance

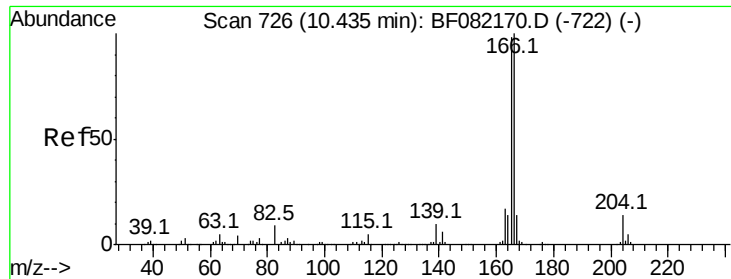
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 55.38 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

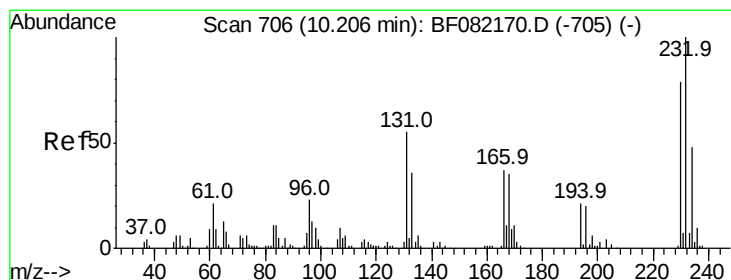
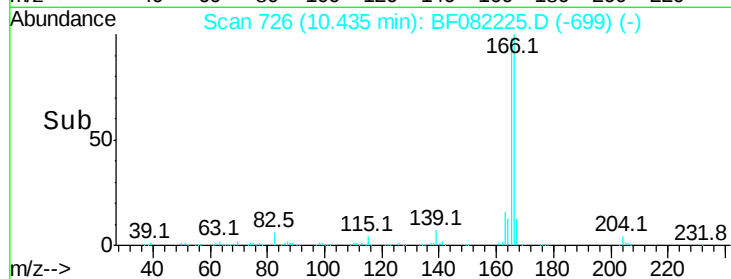
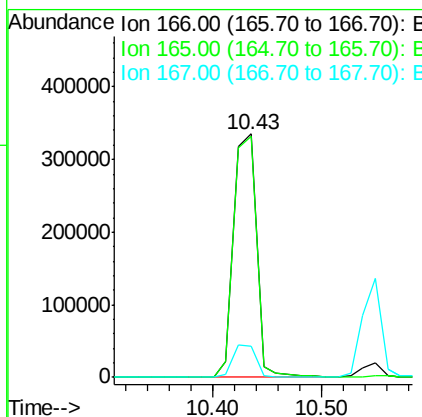
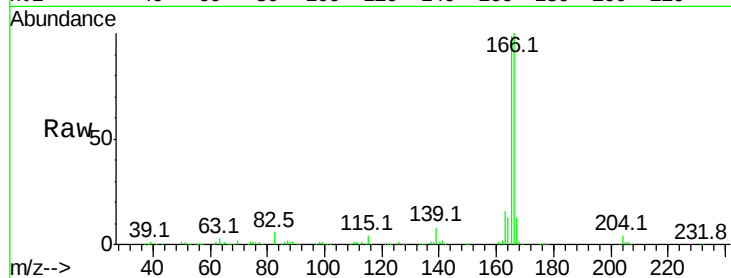
ClientSampleId :

TE-PMW(43)MSD

Tot Ion:	166	Resp:	484190
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.3	117.5
167	12.8	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 59.73 ng

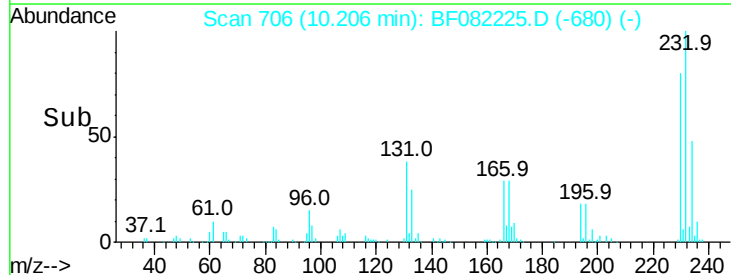
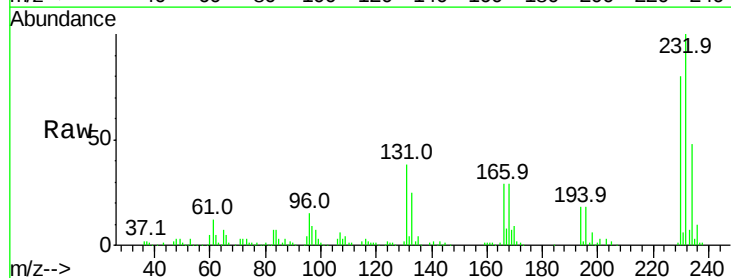
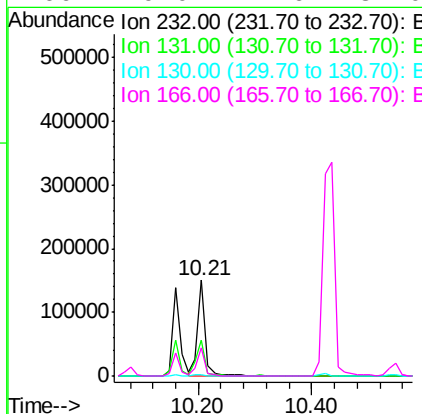
RT: 10.21 min Scan# 706

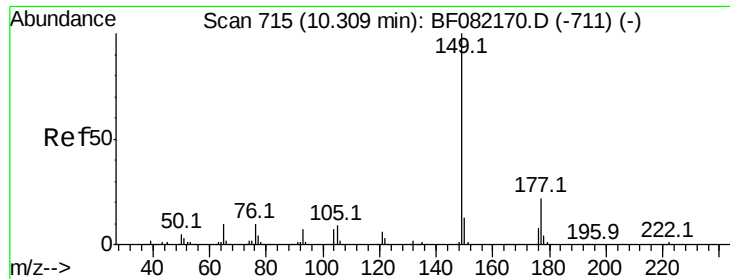
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	232	Resp:	144250
Ion Ratio	Lower	Upper	
232	100		
131	42.2	36.6	54.8
130	1.9	1.5	2.3
166	29.0	24.6	37.0





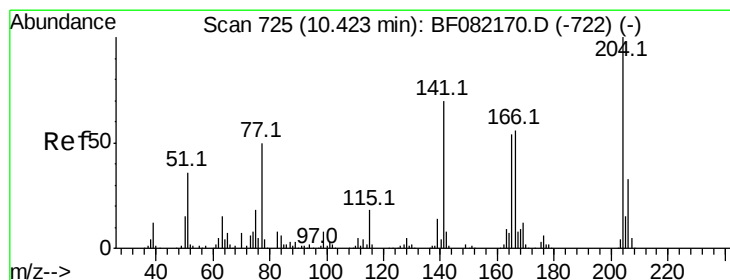
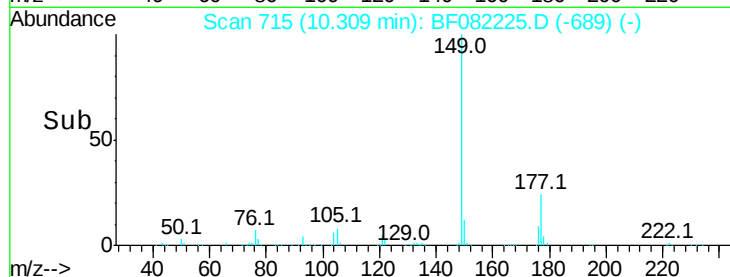
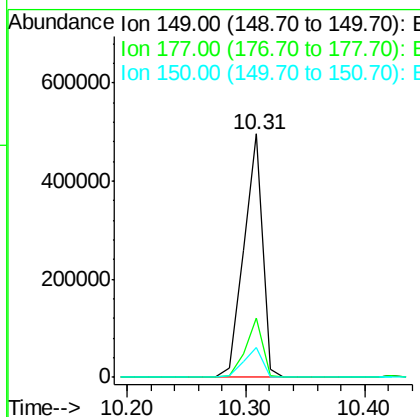
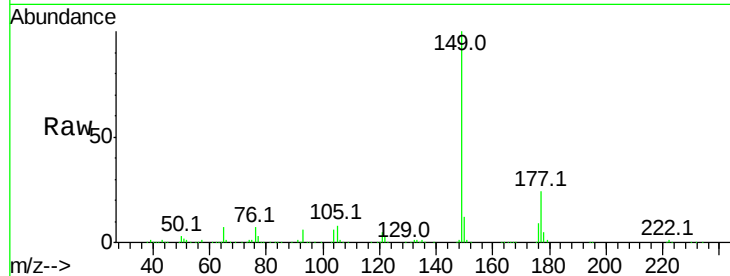
#59
Diethylphthalate
Concen: 60.11 ng
RT: 10.31 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	544914		
177	24.3		17.6	26.4
150	12.5		10.3	15.5

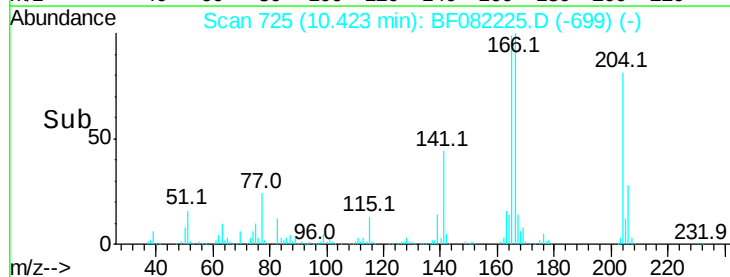
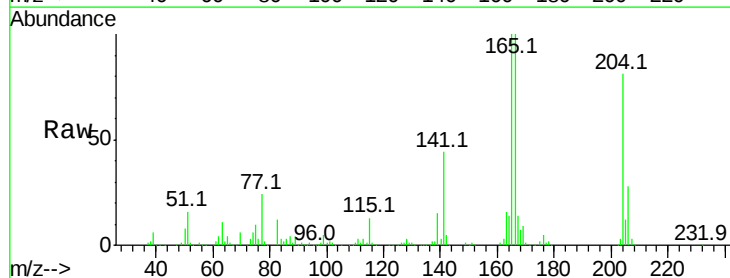
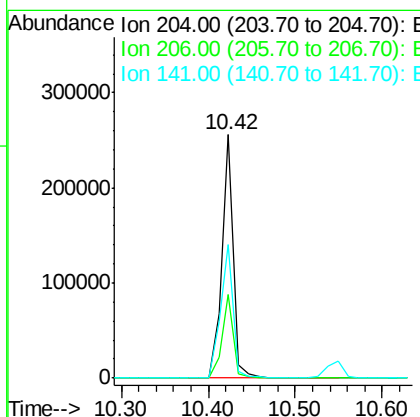
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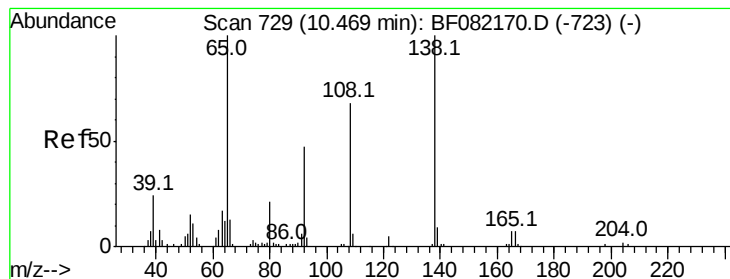
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 59.47 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	238155		
206	34.3		26.8	40.2
141	54.7		56.1	84.1#





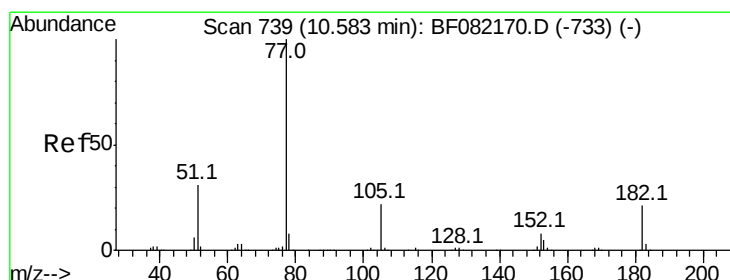
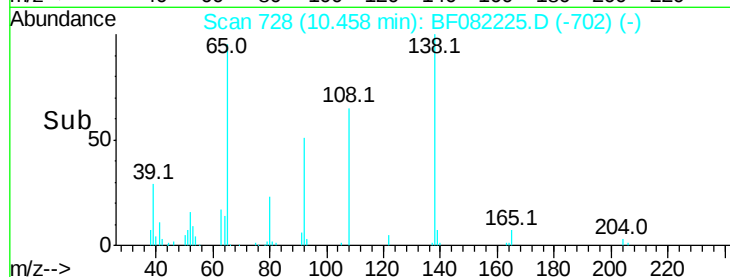
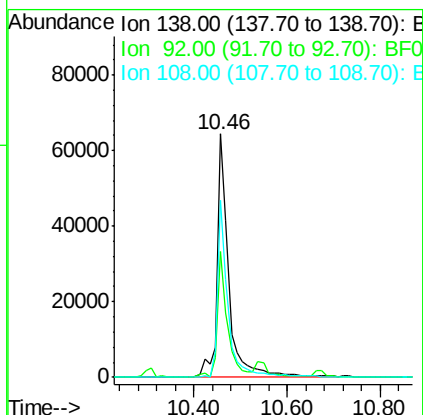
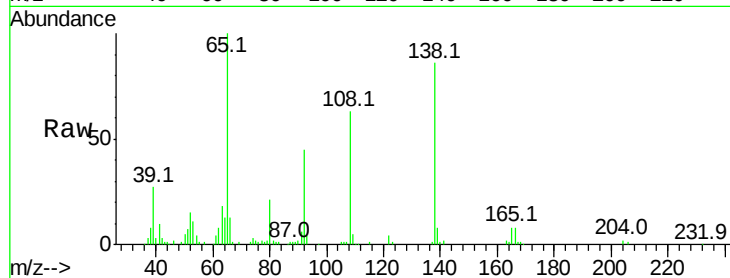
#61
4-Nitroaniline
Concen: 49.76 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	26.8	66.8
108	72.5	48.4	88.4

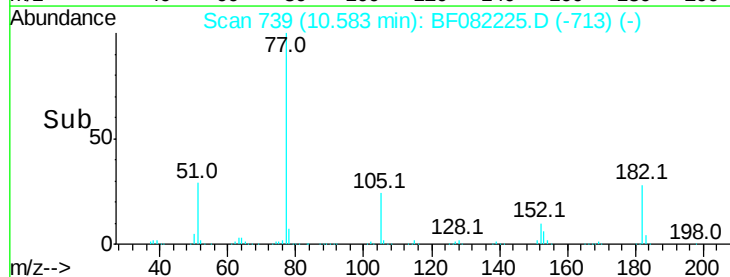
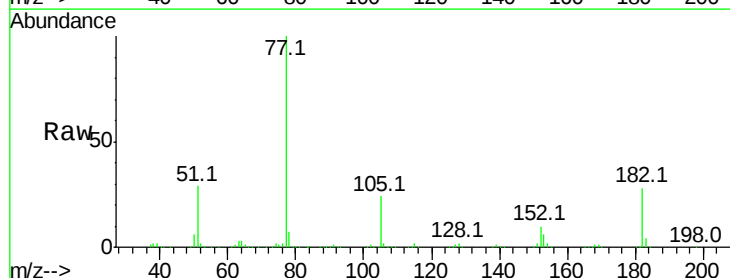
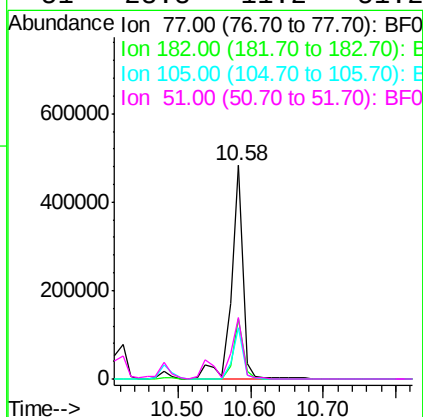
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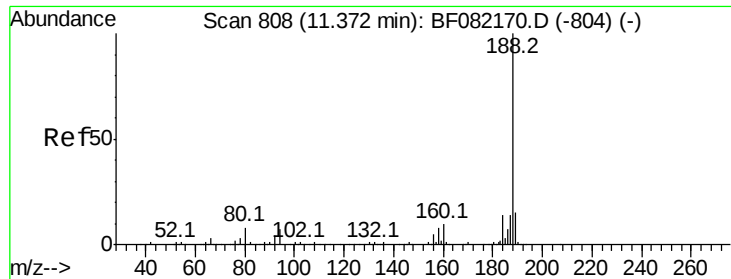
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#62
Azobenzene
Concen: 59.71 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	0.5	40.5
105	24.1	1.8	41.8
51	28.8	11.2	51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

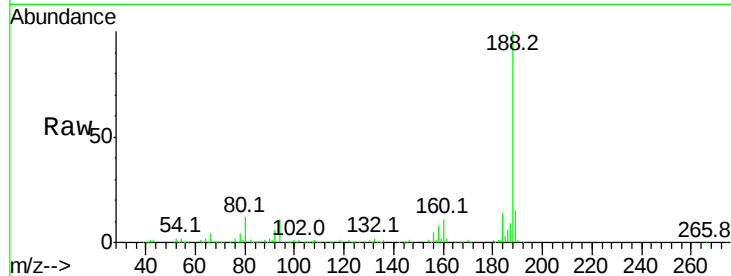
TE-PMW(43)MSD

Tot Ion:188 Resp: 275530
Ion Ratio Lower Upper

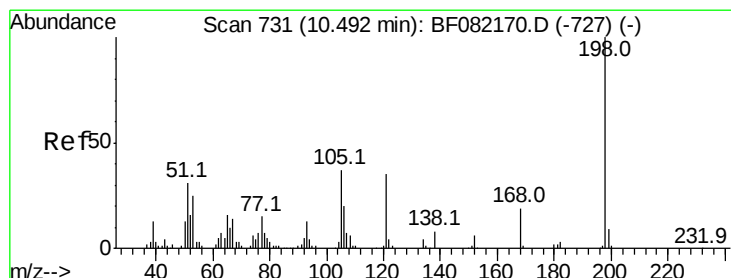
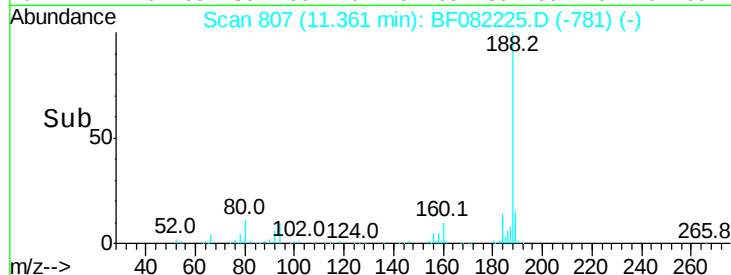
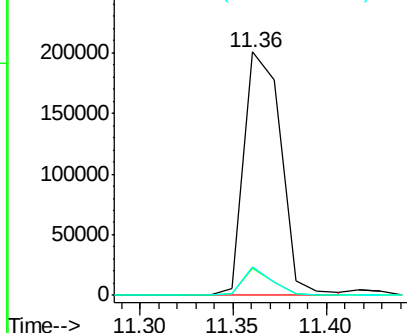
188	100		
94	11.1	5.8	8.6#
80	11.8	6.4	9.6#

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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: 54.45 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

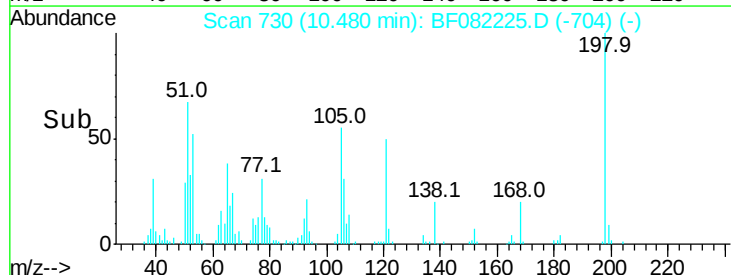
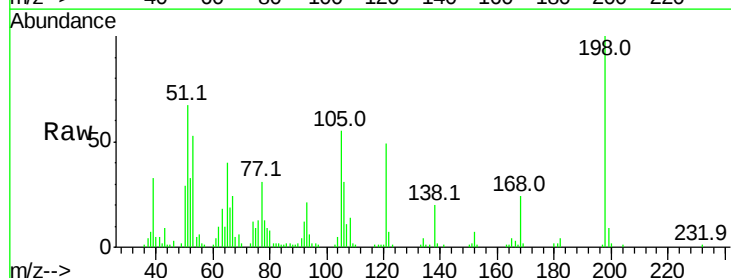
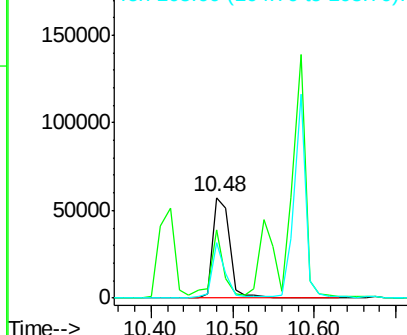
Lab File: BF082225.D

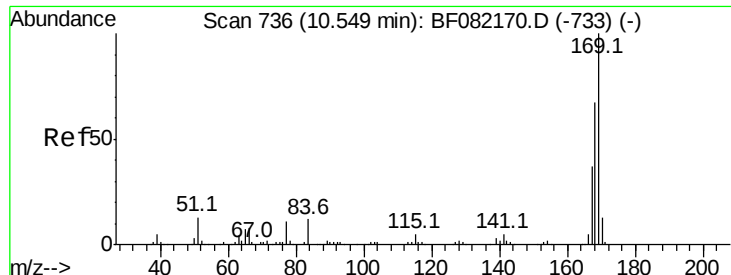
Acq: 12 Oct 2015 17:40

Tgt Ion:198 Resp: 84189
Ion Ratio Lower Upper

198	100		
51	67.2	13.6	53.6#
105	54.8	17.1	57.1

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: 53.87 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

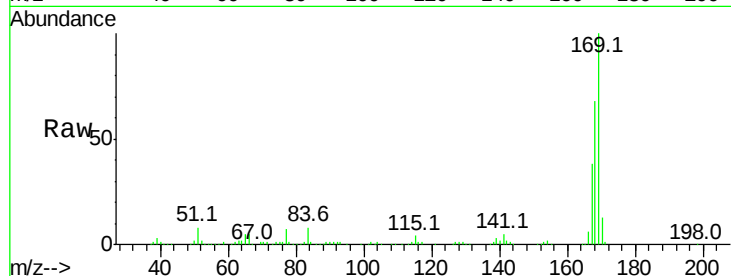
ClientSampleId :

TE-PMW(43)MSD

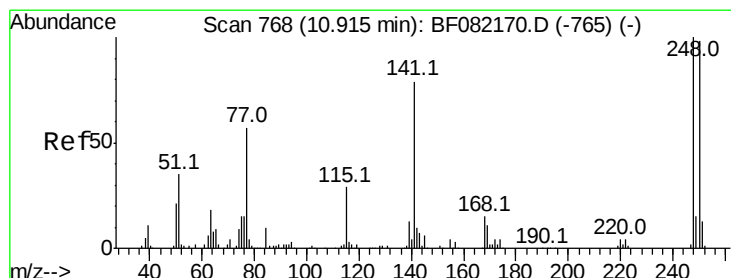
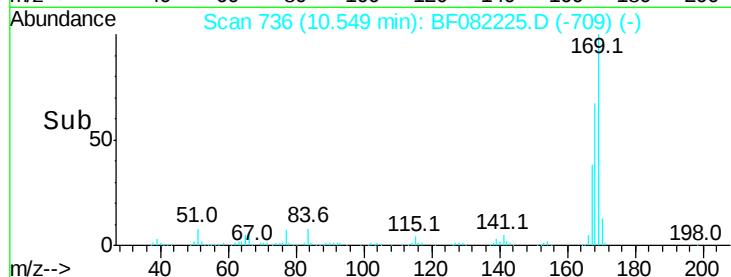
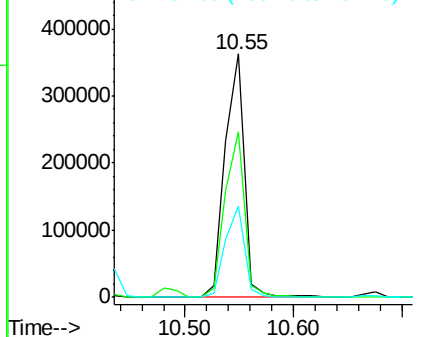
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Tot Ion:	169	Resp:	444425
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.0	81.0
167	37.5	29.6	44.4



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



#66

4-Bromophenyl-phenylether

Concen: 55.10 ng

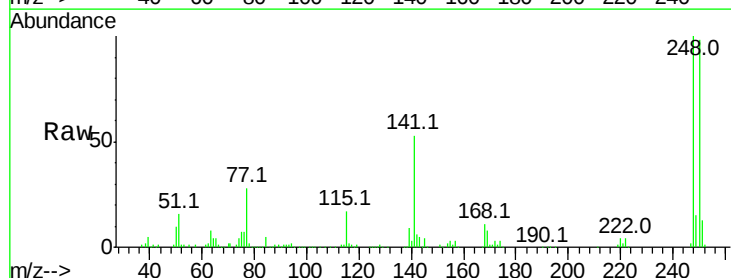
RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

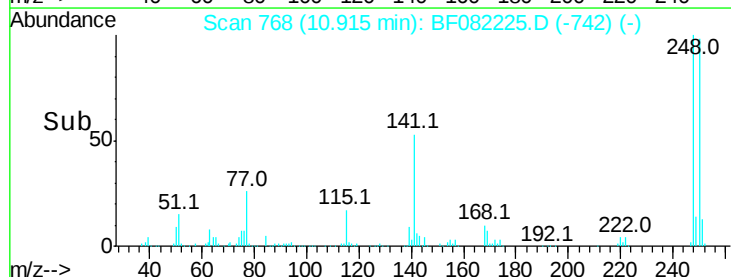
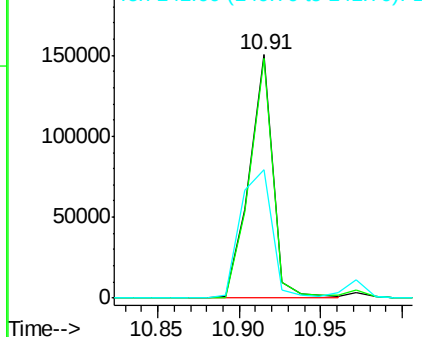
Lab File: BF082225.D

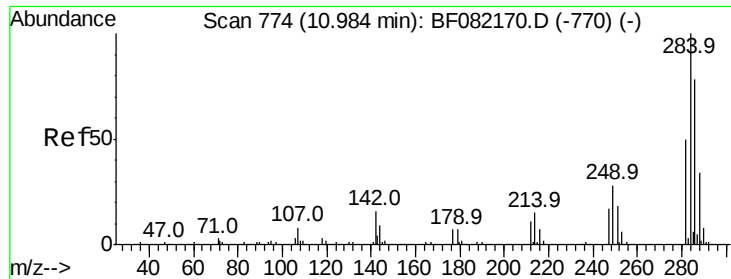
Acq: 12 Oct 2015 17:40

Tgt Ion:	248	Resp:	151935
Ion Ratio	Lower	Upper	
248	100		
250	98.4	78.6	117.8
141	52.7	63.3	94.9#



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





#67

Hexachlorobenzene

Concen: 50.21 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

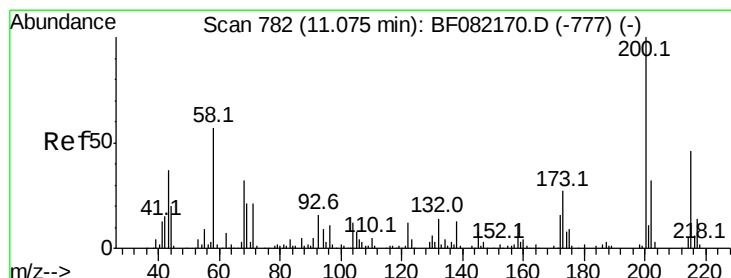
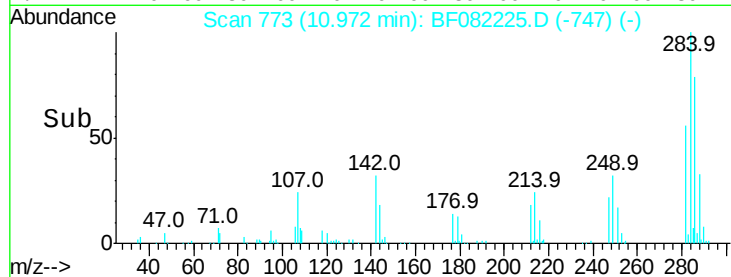
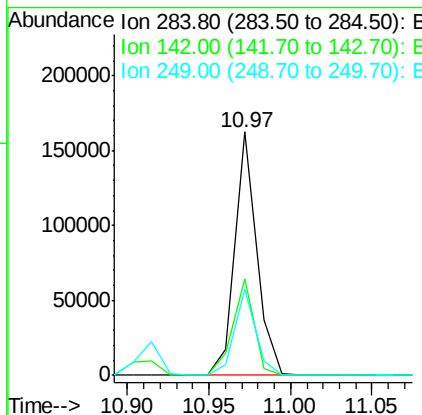
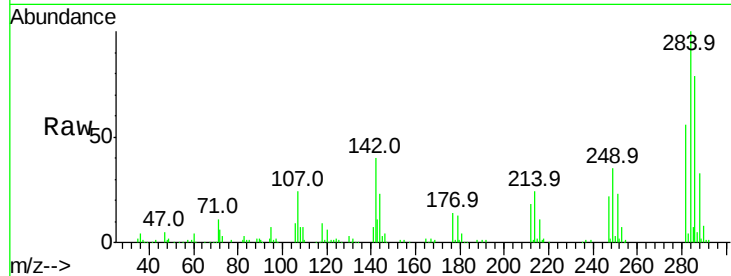
ClientSampleId :

TE-PMW(43)MSD

Tot Ion:	284	Resp:	149723
Ion Ratio		Lower	Upper
284	100		
142	39.6	13.0	19.6#
249	35.3	22.5	33.7#

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#68

Atrazine

Concen: 55.73 ng

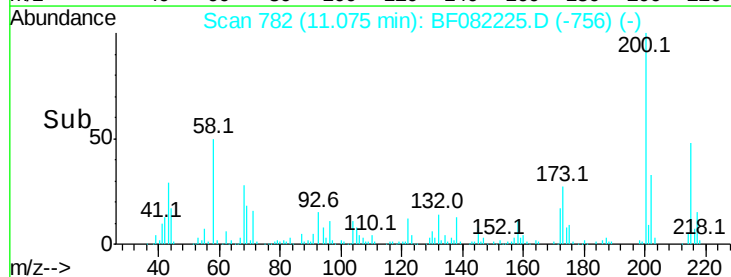
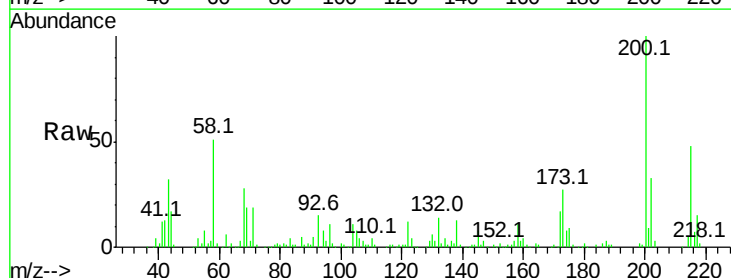
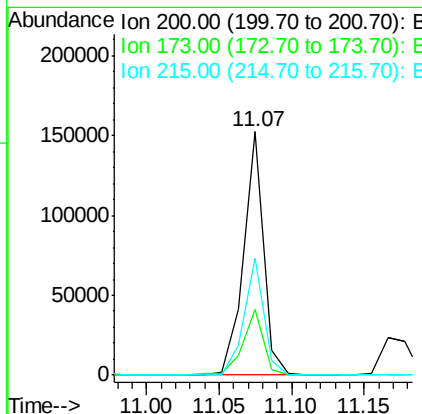
RT: 11.07 min Scan# 782

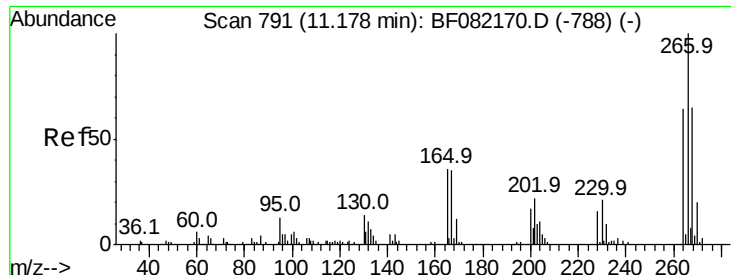
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	200	Resp:	145664
Ion Ratio		Lower	Upper
200	100		
173	27.0	7.3	47.3
215	47.8	26.2	66.2





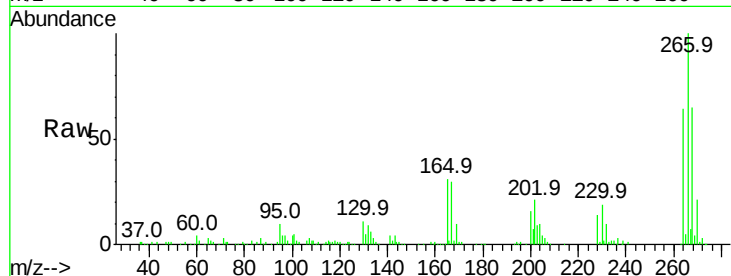
#69
 Pentachlorophenol
 Concen: 118.84 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

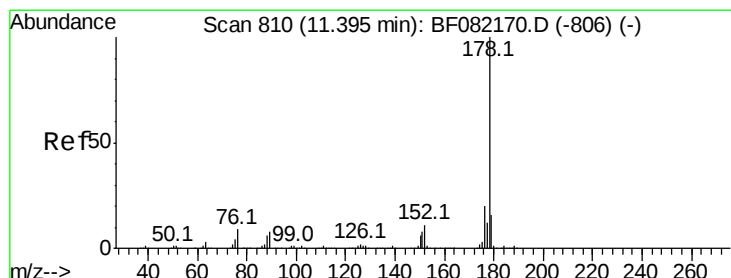
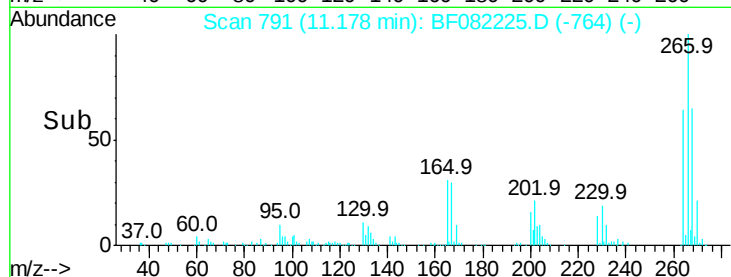
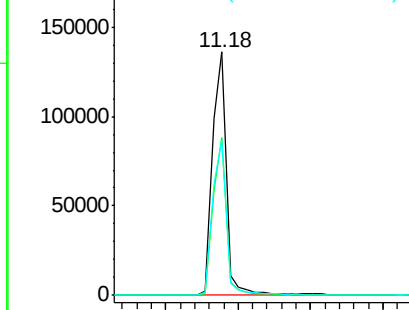
Tot Ion	Ratio	Resp	Lower	Upper
266	100	182368		
268	65.0	52.0	78.0	
264	63.8	51.4	77.0	

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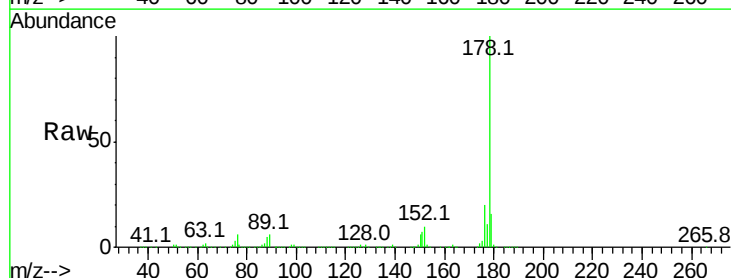


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

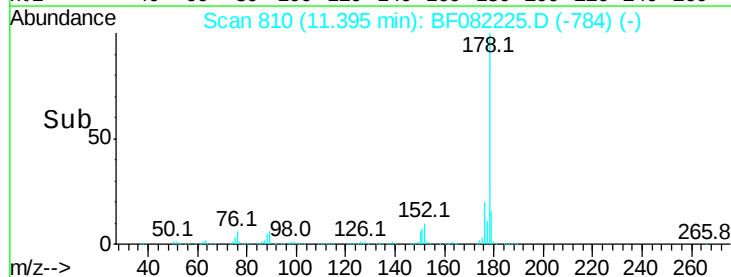
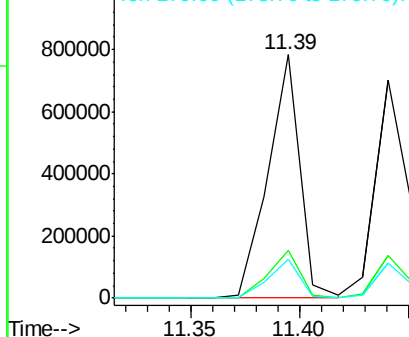


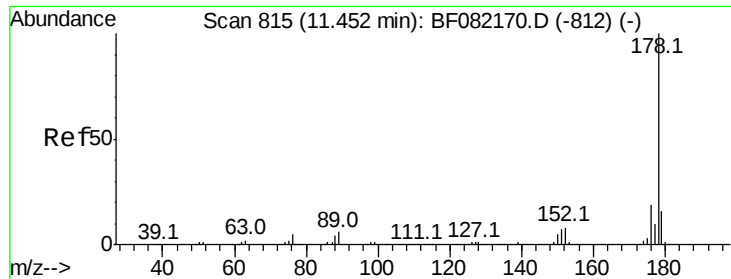
#70
 Phenanthrene
 Concen: 59.40 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	802188		
176	19.6	16.0	24.0	
179	16.0	12.6	19.0	



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





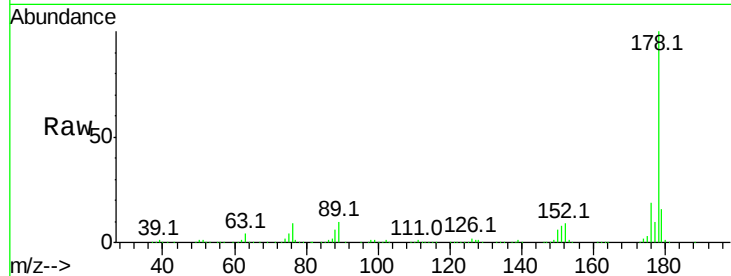
#71
 Anthracene
 Concen: 55.56 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

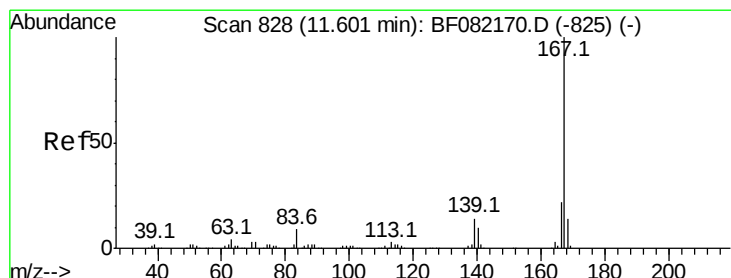
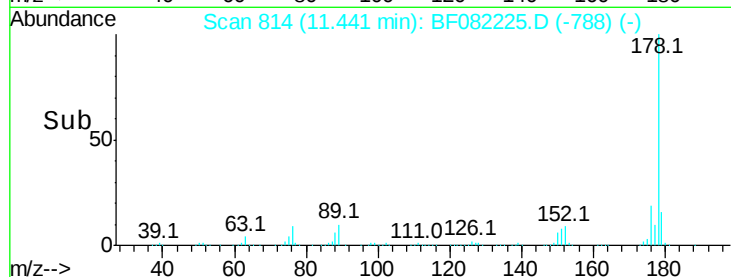
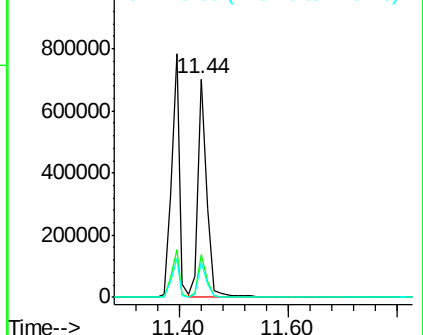
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	16.2	12.5	18.7

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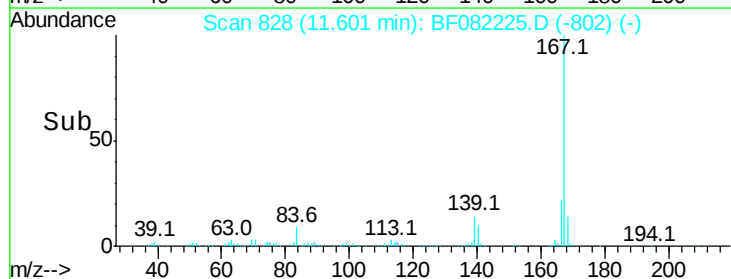
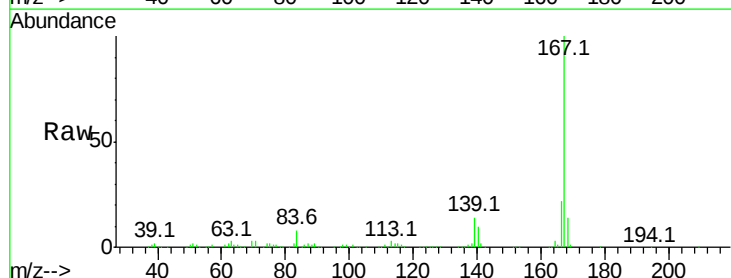
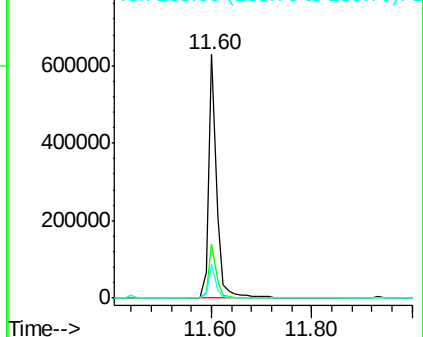
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

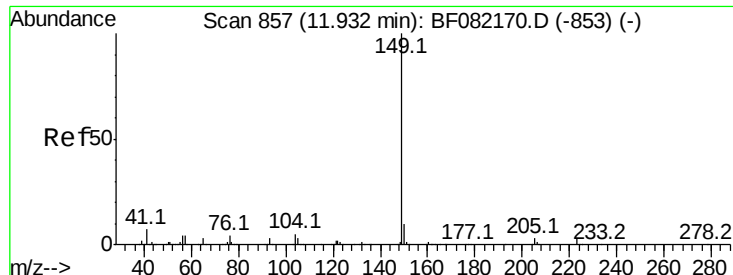


#72
 Carbazole
 Concen: 55.16 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	13.6	11.2	16.8

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.67 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

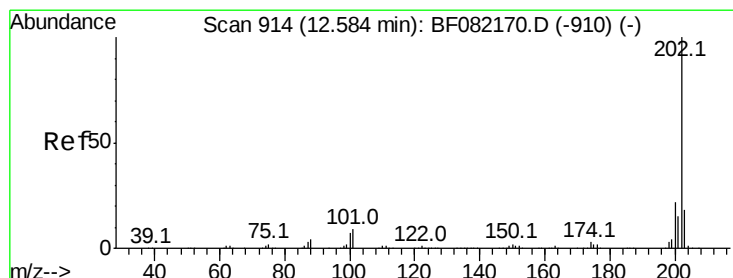
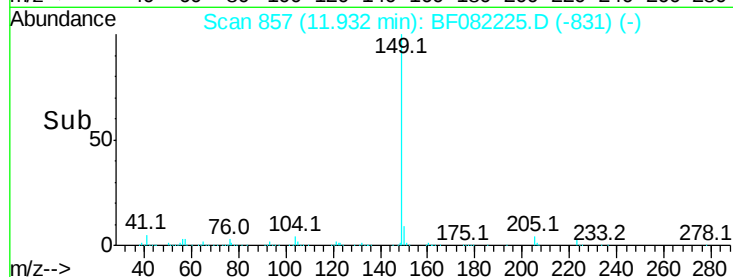
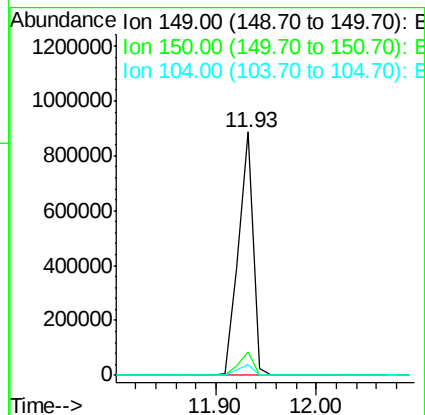
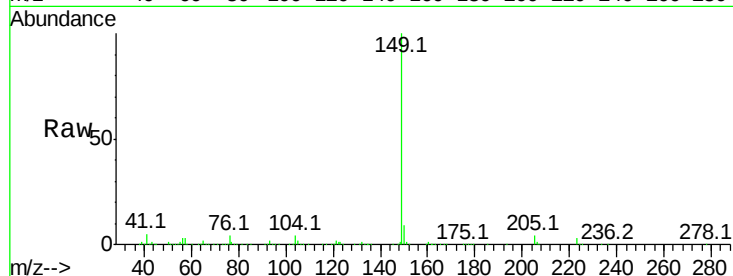
ClientSampleId :

TE-PMW(43)MSD

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Tot Ion:	149	Resp:	903253
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.2	3.8	5.8



#74

Fluoranthene

Concen: 59.95 ng

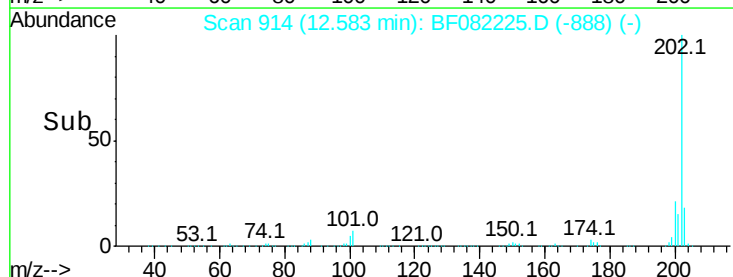
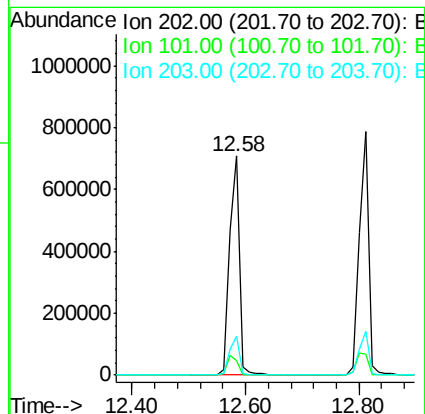
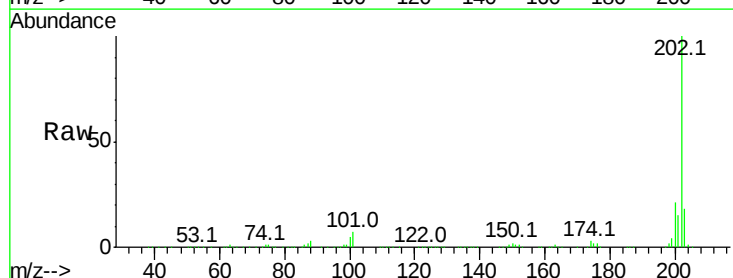
RT: 12.58 min Scan# 914

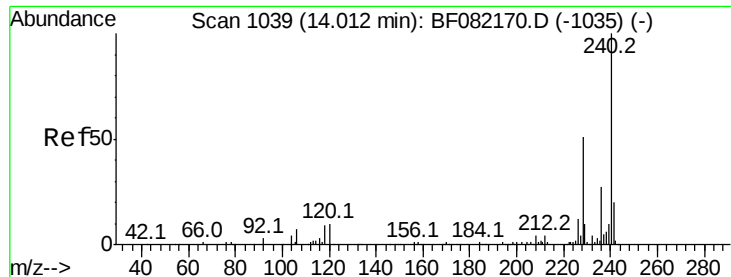
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	202	Resp:	869570
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	29.3
203	17.8	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

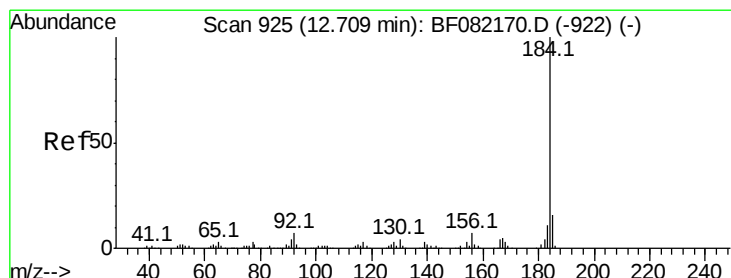
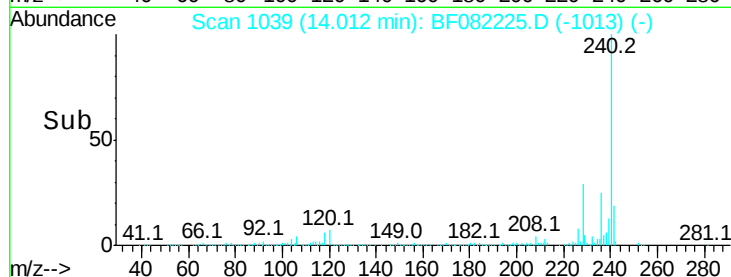
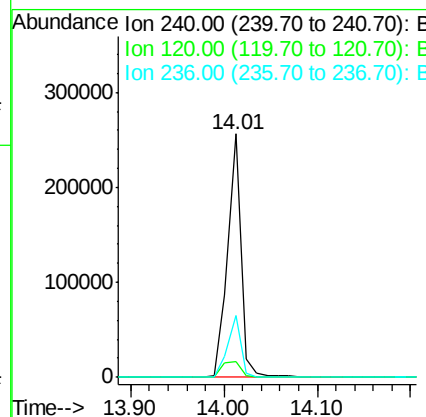
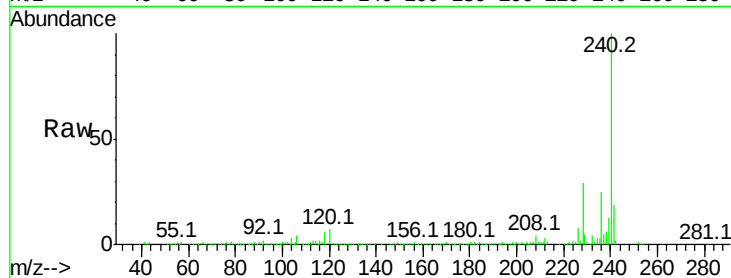
ClientSampleId :

TE-PMW(43)MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.6	8.1	12.1#	
236	25.5	21.3	31.9	

Manual Integrations
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MMdadoda
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#76

Benzidine

Concen: 7.36 ng

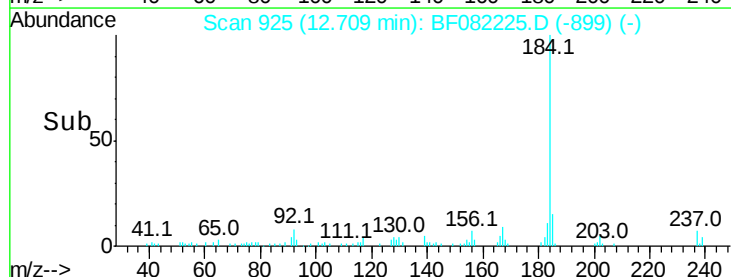
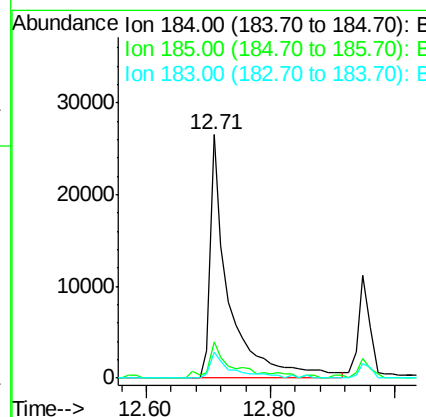
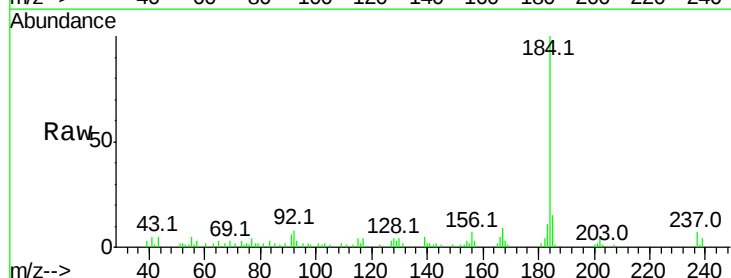
RT: 12.71 min Scan# 925

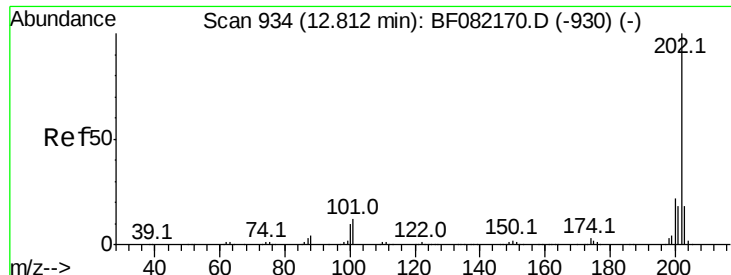
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.8	12.5	18.7	
183	10.8	9.1	13.7	





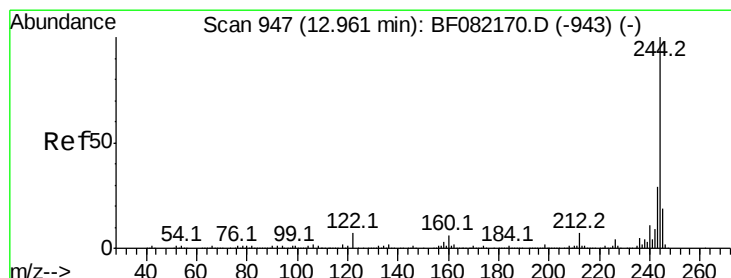
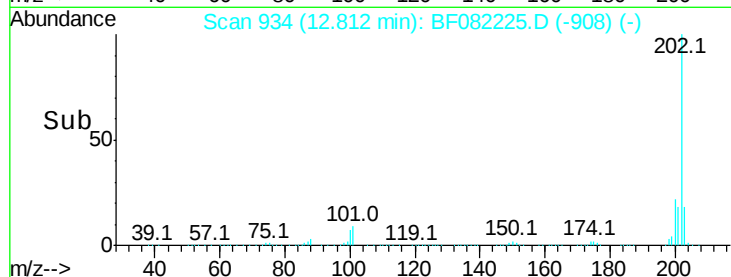
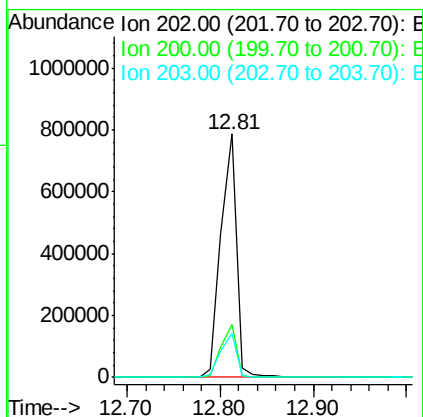
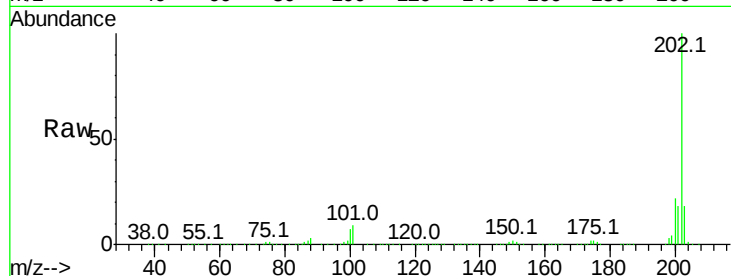
#77
Pvrene
Concen: 58.81 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	18.0	14.5	21.7

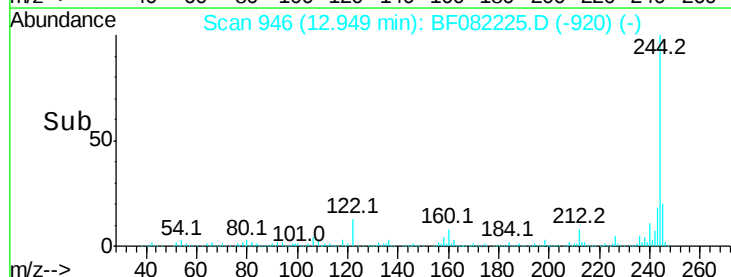
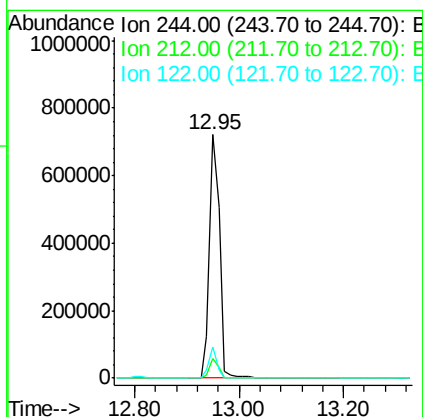
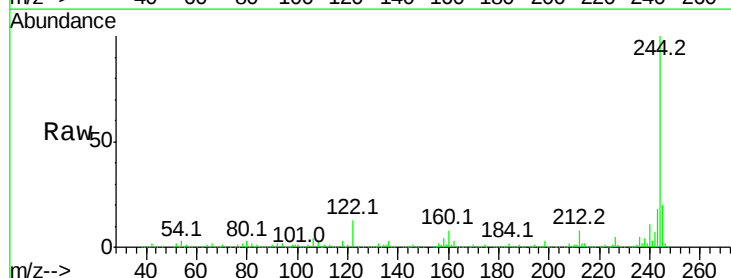
Manual Integrations
APPROVED

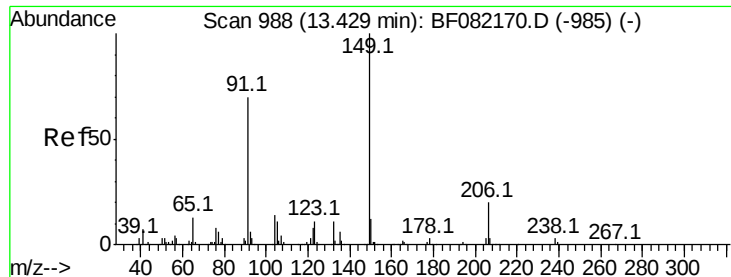
MMdadoda
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#78
Terphenyl-d14
Concen: 99.35 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	12.9	5.9	8.9#





#79

Butylbenzylphthalate

Concen: 56.74 ng

RT: 13.43 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

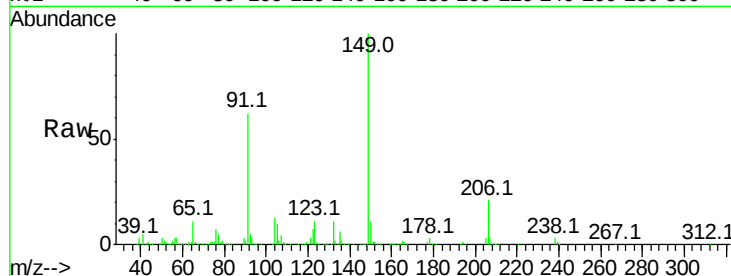
ClientSampleId :

TE-PMW(43)MSD

Tot Ion:	149	Resp:	398606
Ion Ratio	Lower	Upper	
149	100		
91	62.2	55.7	83.5
206	20.6	15.6	23.4

Manual Integrations
APPROVED

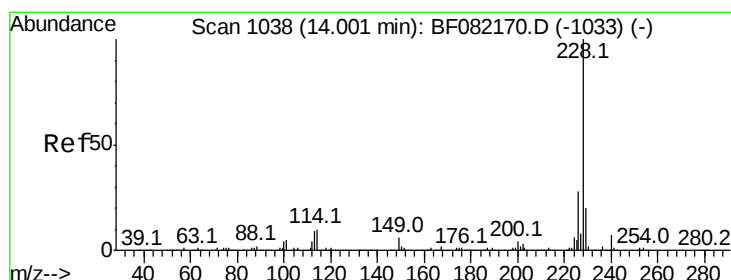
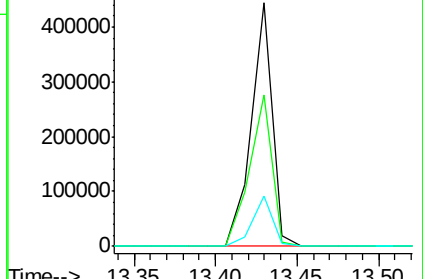
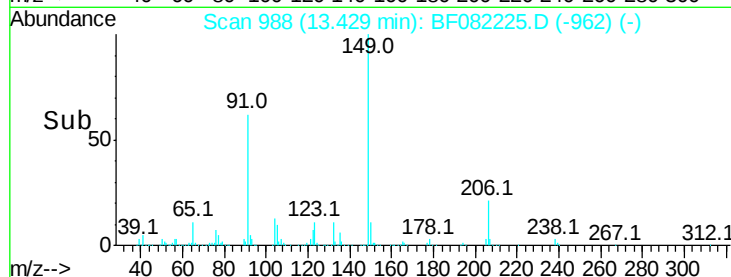
MMdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 55.28 ng

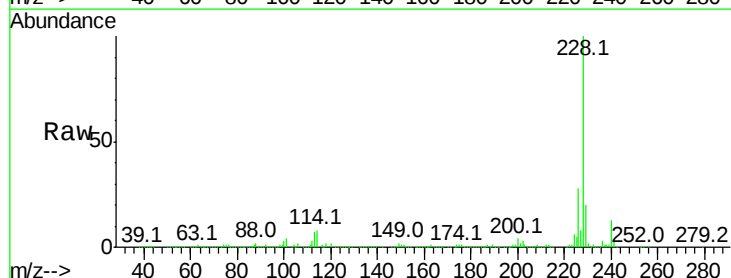
RT: 14.00 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

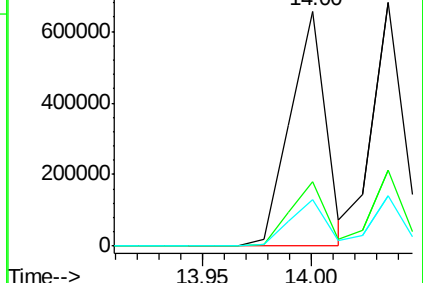
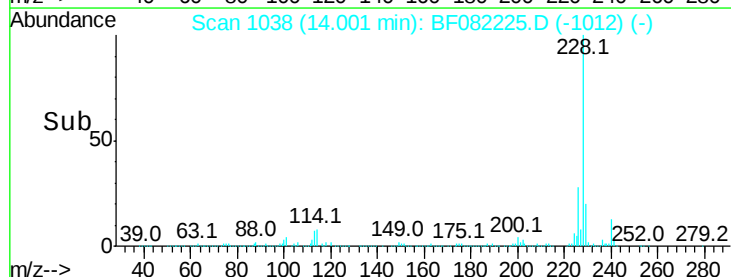
Tgt Ion:	228	Resp:	746058
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.3	33.5
229	20.0	16.2	24.2

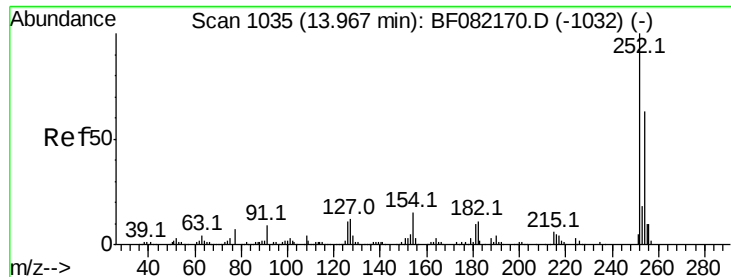


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





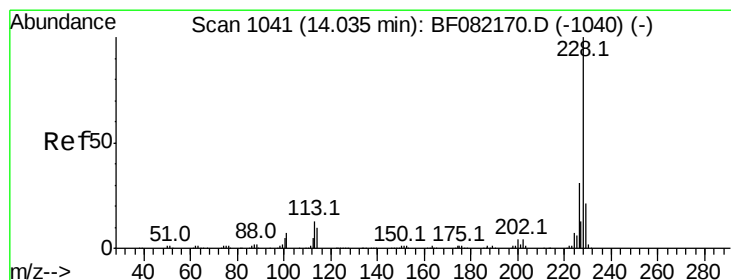
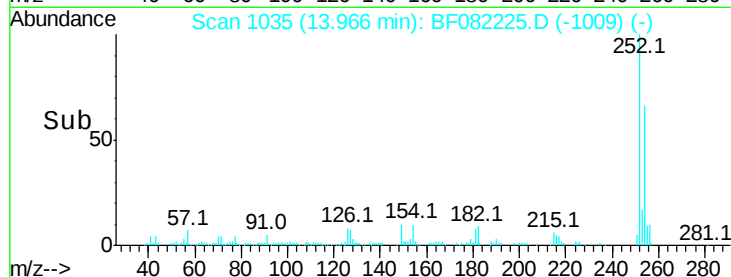
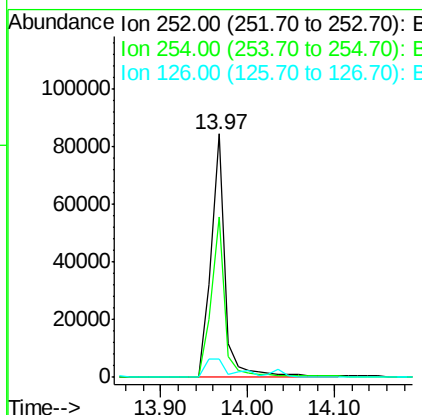
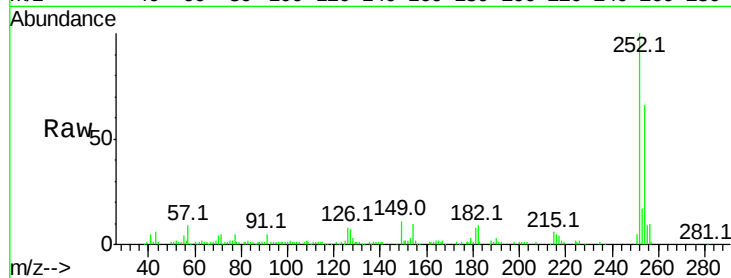
#81
 3,3'-Dichlorobenzidine
 Concen: 19.17 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.7	76.1
126	7.5	9.0	13.6

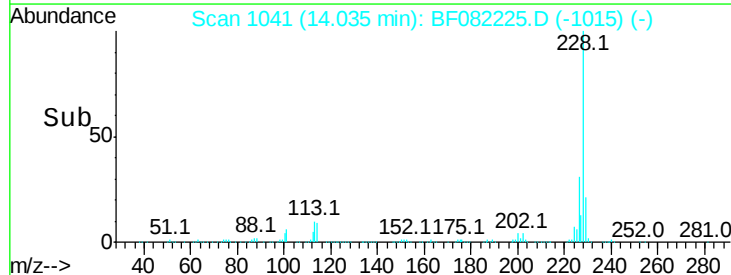
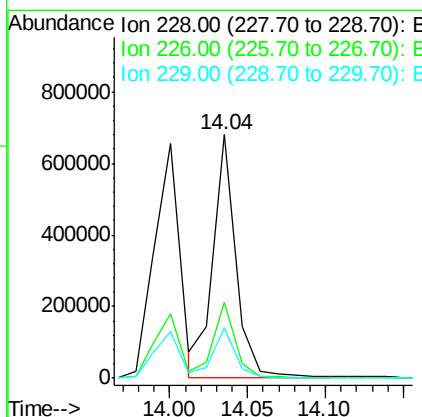
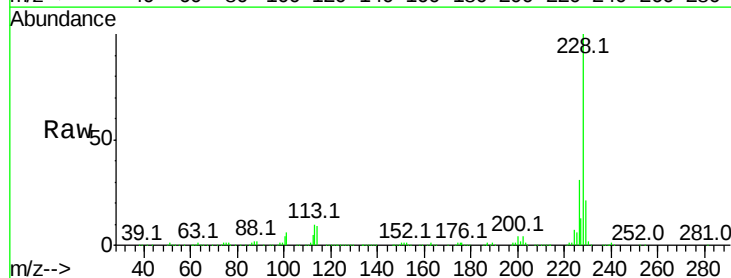
Manual Integrations
 APPROVED

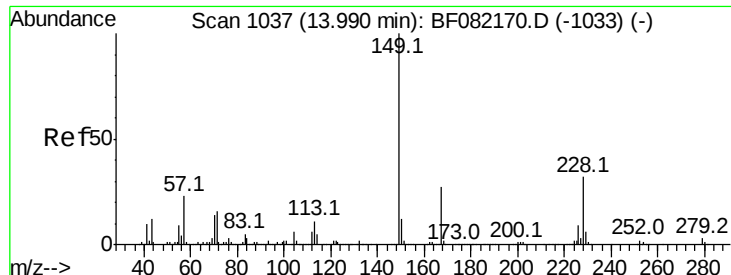
MMdadoda
 10/13/2015 1:27:40 PM



#82
 Chrysene
 Concen: 48.98 ng m
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.5	16.3	24.5





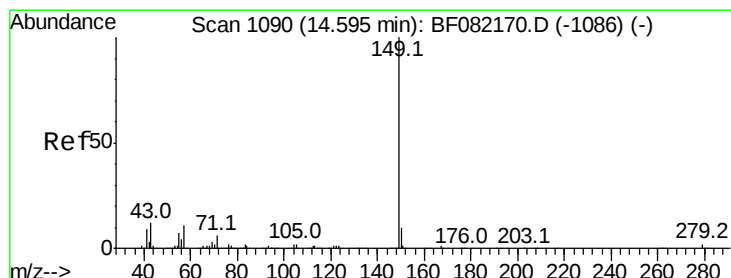
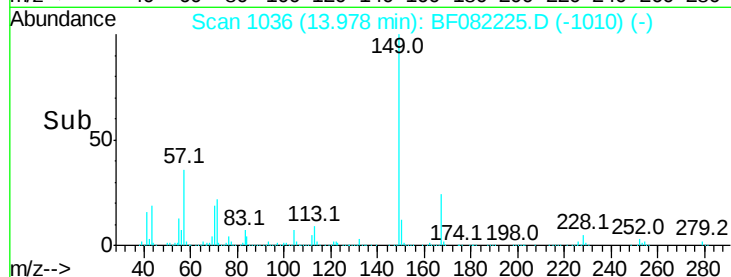
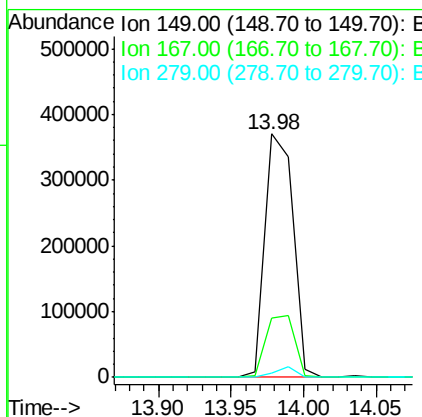
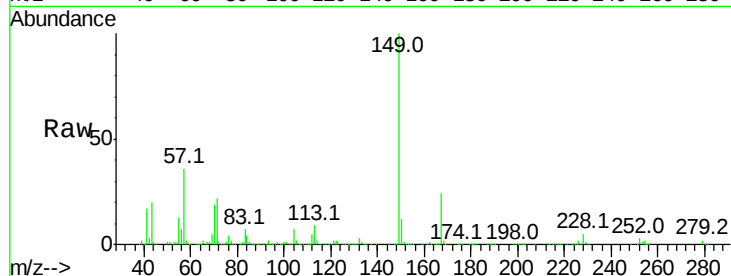
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.06 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.2	21.3	31.9
279	1.9	2.6	4.0#

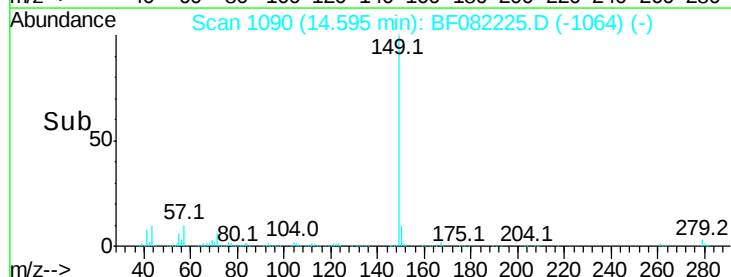
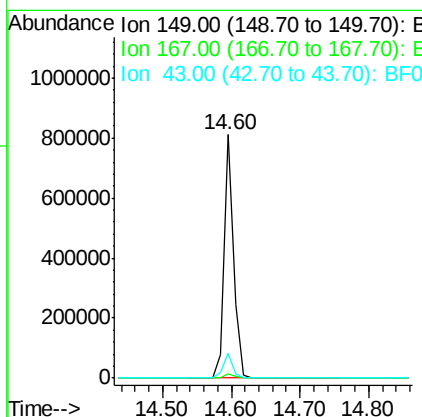
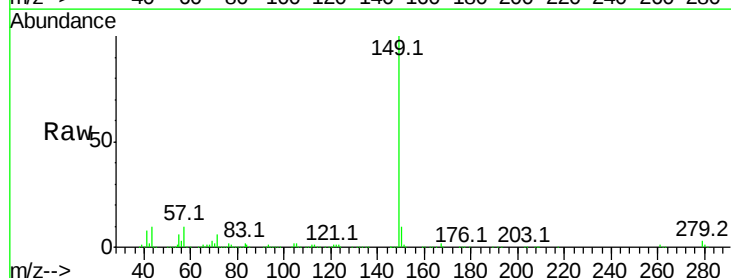
Manual Integrations
 APPROVED

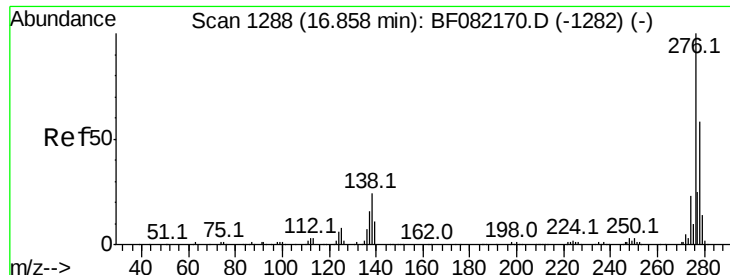
MMdadoda
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#84
 Di-n-octyl phthalate
 Concen: 45.93 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	9.7	7.4	11.2





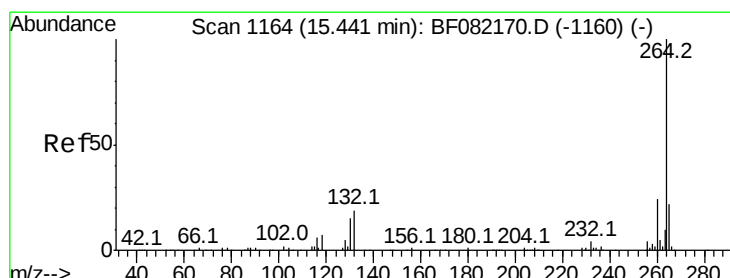
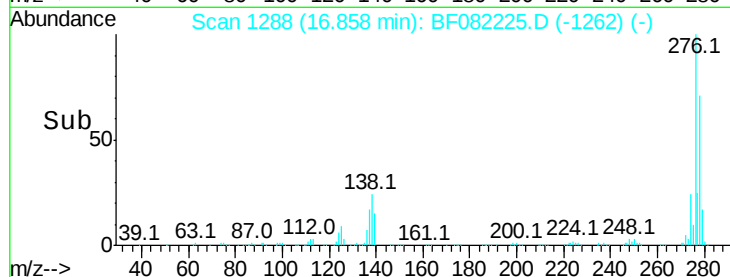
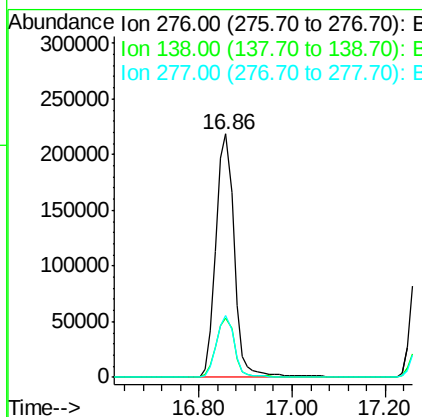
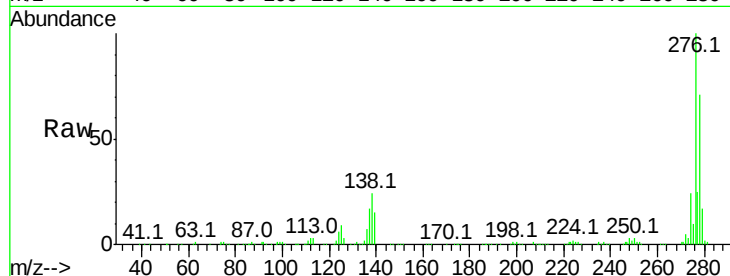
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.03 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.9	20.1	30.1

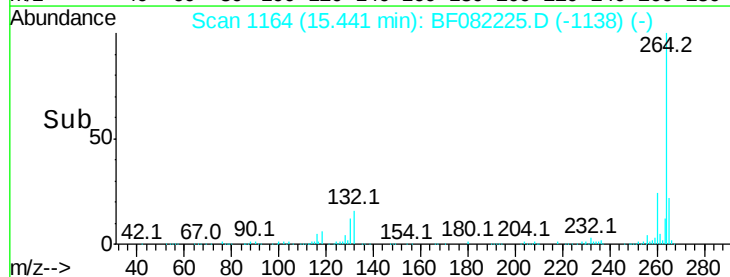
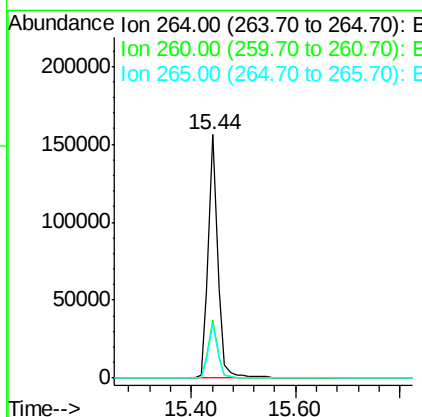
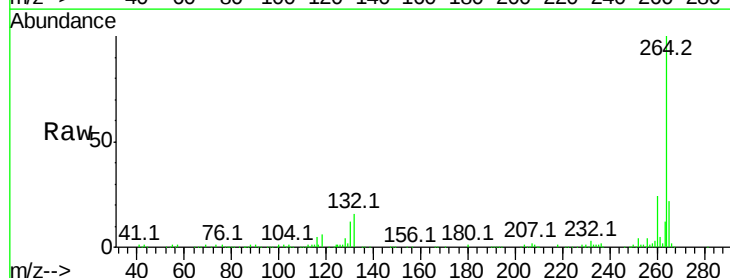
Manual Integrations
 APPROVED

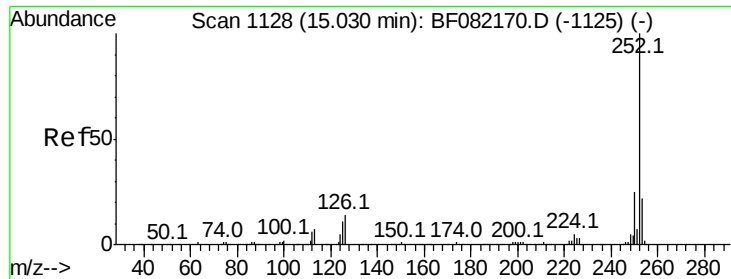
MMdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 50.26 ng

RT: 15.03 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

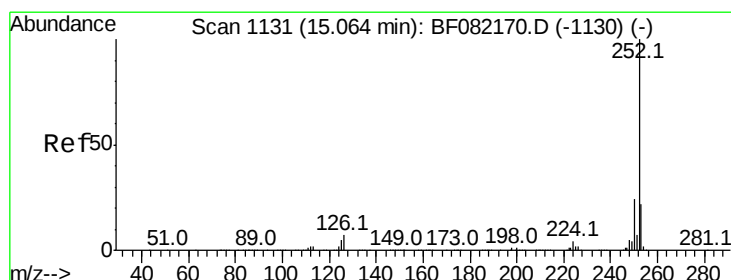
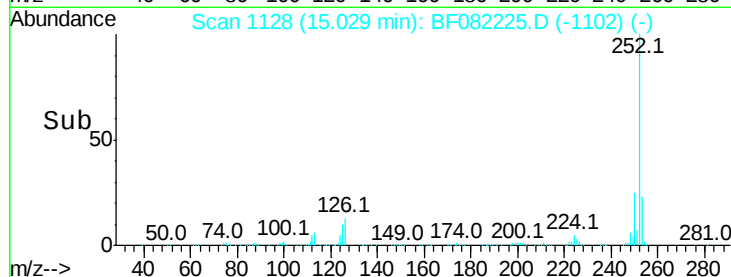
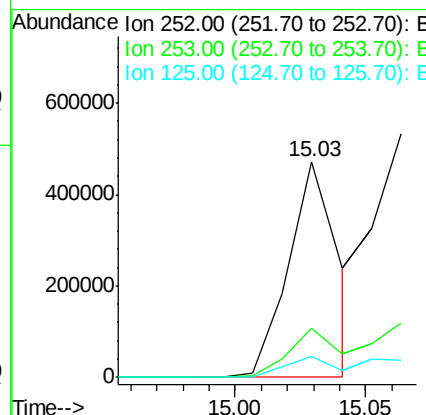
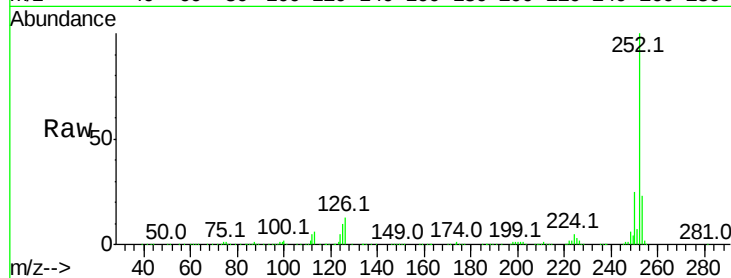
ClientSampleId :

TE-PMW(43)MSD

Tot Ion:	252	Resp:	619310
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	9.7	8.6	12.8

Manual Integrations
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MMdadoda
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#88

Benzo(k)fluoranthene

Concen: 64.00 ng m

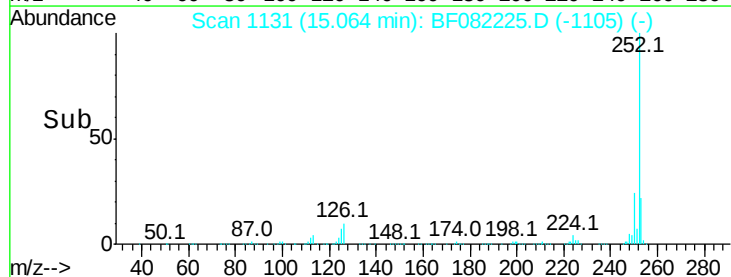
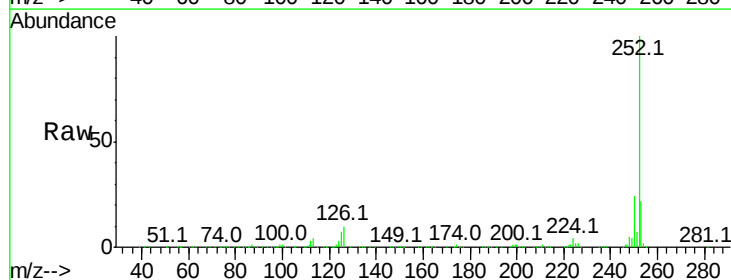
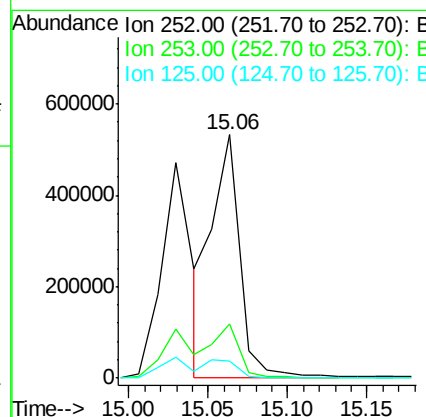
RT: 15.06 min Scan# 1131

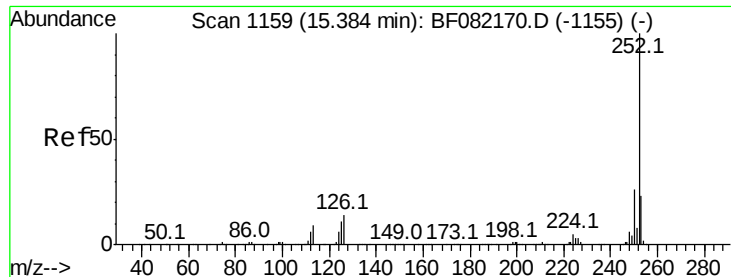
Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:	252	Resp:	662771
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	6.9	6.7	10.1





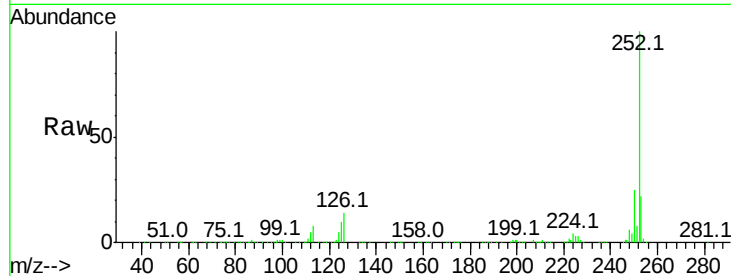
#89
Benzo(a)pyrene
Concen: 55.34 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

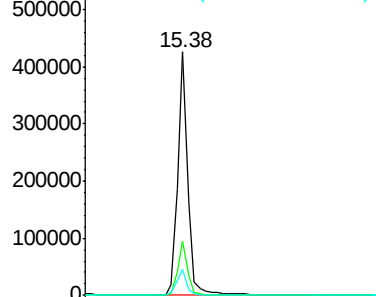
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.5	8.9	13.3

Manual Integrations
APPROVED

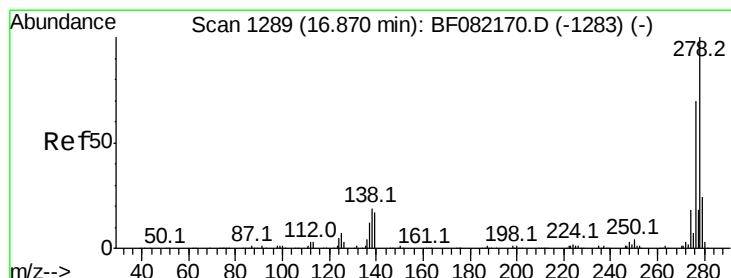
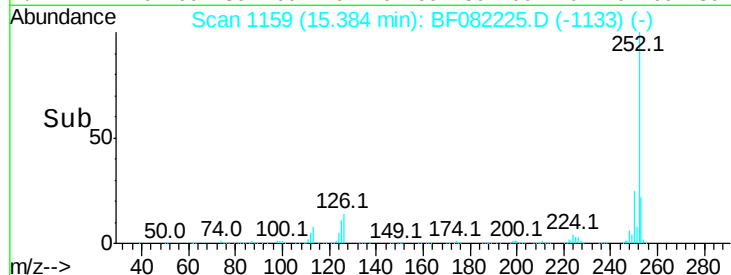
MMdadoda
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

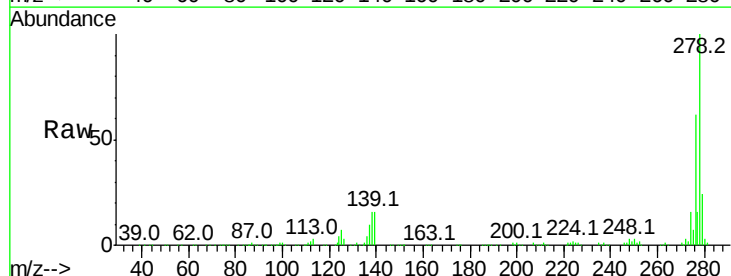


Time--> 15.20 15.40 15.60

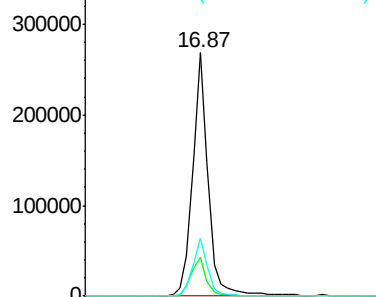


#90
Dibenzo(a,h)anthracene
Concen: 56.42 ng
RT: 16.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

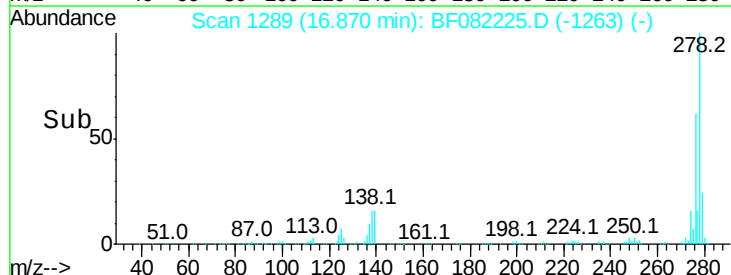
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.3	19.9
279	23.7	18.9	28.3

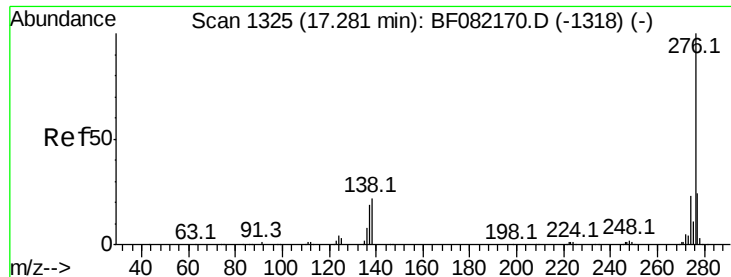


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 16.80 17.00





#91
 Benzo(a,h,i)perylene
 Concen: 60.43 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion:	276	Resp:	509454
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	20.8	17.4	26.2

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:27:40 PM

