

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082238.D
 Acq On : 13 Oct 2015 2:28
 Operator : UM/IZ
 Sample : G3990-13MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MS

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:25:05 PM

Quant Time: Oct 13 06:40:46 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 06:28:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65075	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	259983	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	127925	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	256122	20.00	ng	0.00
75) Chrysene-d12	14.01	240	228723	20.00	ng	0.00
86) Perylene-d12	15.44	264	191252	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	222969	69.15	ng	0.01
7) Phenol-d6	6.47	99	188109	44.83	ng	0.00
23) Nitrobenzene-d5	7.41	82	429035	110.82	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	203107	169.30	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	820496	106.37	ng	0.00
78) Terphenyl-d14	12.95	244	874001	101.26	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	30806	19.02	ng	98
3) Pyridine	3.15	79	62514	16.59	ng	98
4) n-Nitrosodimethylamine	3.10	42	28668	17.94	ng	# 97
6) Aniline	6.49	93	146893	27.15	ng	97
8) 2-Chlorophenol	6.62	128	174597	44.36	ng	94
9) Benzaldehyde	6.38	77	117869	55.01	ng	94
10) Phenol	6.48	94	81250	16.79	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	217628	53.20	ng	97
12) 1,3-Dichlorobenzene	6.77	146	206931	45.14	ng	96
13) 1,4-Dichlorobenzene	6.85	146	210375	43.94	ng	96
14) 1,2-Dichlorobenzene	7.01	146	210076m	46.21	ng	
15) Benzyl Alcohol	6.98	79	101845	35.16	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	302259	53.06	ng	98
17) 2-Methylphenol	7.10	107	111411	35.79	ng	99
18) Hexachloroethane	7.34	117	68071	41.54	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	151189	51.31	ng	97
20) 3+4-Methylphenols	7.25	107	115846	31.23	ng	# 19
22) Acetophenone	7.25	105	278396	54.13	ng	94
24) Nitrobenzene	7.43	77	210488	50.23	ng	# 80
25) Isophorone	7.66	82	397240	50.84	ng	99
26) 2-Nitrophenol	7.74	139	107524	51.39	ng	# 86
27) 2,4-Dimethylphenol	7.78	122	161276	47.84	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	245763	54.06	ng	98
29) 2,4-Dichlorophenol	7.99	162	170822	50.69	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	180695	46.52	ng	97
31) Naphthalene	8.15	128	556812	49.41	ng	99
32) Benzoic acid	7.86	122	33755	14.92	ng	94
33) 4-Chloroaniline	8.19	127	146924	31.39	ng	97
34) Hexachlorobutadiene	8.25	225	103313	42.69	ng	98
35) Caprolactam	8.57	113	7428	7.59	ng	# 80
36) 4-Chloro-3-methylphenol	8.67	107	157512	47.80	ng	97
37) 2-Methylnaphthalene	8.83	142	412687	52.82	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	201923	53.07	ng	97
40) Hexachlorocyclopentadiene	8.98	237	169327	87.12	ng	98

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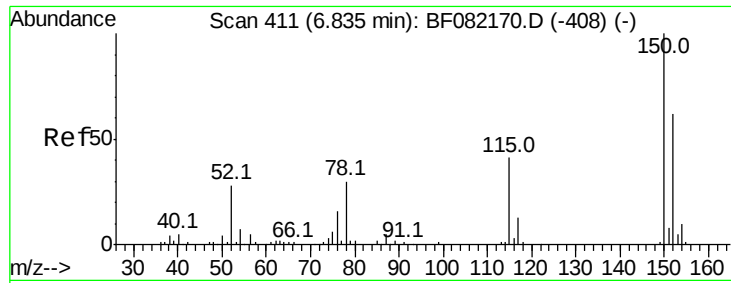
Manual Integrations
 APPROVED

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 10/13/2015 1:25:05 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	128388	50.80	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	147761	53.97	nq	# 93
45) 1,1'-Biphenyl	9.30	154	548264	56.20	nq	96
46) 2-Chloronaphthalene	9.33	162	421629	54.90	nq	95
47) 2-Nitroaniline	9.43	65	128420	60.91	nq	89
48) Acenaphthylene	9.74	152	628133	52.51	nq	100
49) Dimethylphthalate	9.61	163	527801	58.59	nq	98
50) 2,6-Dinitrotoluene	9.67	165	103251	54.32	nq	# 74
51) Acenaphthene	9.91	154	378526	52.71	nq	98
52) 3-Nitroaniline	9.84	138	71843	33.46	nq	89
53) 2,4-Dinitrophenol	9.95	184	115473	106.42	nq	89
54) Dibenzofuran	10.08	168	563049	57.11	nq	96
55) 4-Nitrophenol	10.01	139	45884	38.77	nq	95
56) 2,4-Dinitrotoluene	10.08	165	150988	63.56	nq	89
57) Fluorene	10.42	166	441375	54.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	133643	59.75	nq	92
59) Diethylphthalate	10.31	149	501759	59.76	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	223350	60.21	nq	# 85
61) 4-Nitroaniline	10.46	138	110723	53.17	nq	95
62) Azobenzene	10.58	77	479529	58.35	nq	90
64) 4,6-Dinitro-2-methylphenol	10.48	198	72505	50.44	nq	# 63
65) n-Nitrosodiphenylamine	10.54	169	315203	41.10	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	140448	54.79	nq	# 84
67) Hexachlorobenzene	10.97	284	147195	53.10	nq	# 77
68) Atrazine	11.07	200	150028	61.75	nq	98
69) Pentachlorophenol	11.18	266	157445	110.37	nq	97
70) Phenanthrene	11.39	178	730087	58.15	nq	100
71) Anthracene	11.44	178	728232	56.29	nq	99
72) Carbazole	11.60	167	657504	55.71	nq	99
73) Di-n-butylphthalate	11.93	149	809620	55.61	nq	99
74) Fluoranthene	12.58	202	802030	59.48	nq	97
76) Benzidine	12.71	184	197988	29.87	nq	98
77) Pyrene	12.81	202	843888	62.17	nq	98
79) Butylbenzylphthalate	13.43	149	361654	58.38	nq	94
80) Benzo(a)anthracene	14.00	228	676343	56.83	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	117759	26.07	nq	# 97
82) Chrysene	14.04	228	663833	52.94	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	464698	52.58	nq	# 97
84) Di-n-octyl phthalate	14.60	149	736156	48.50	nq	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	599639	60.16	nq	100
87) Benzo(b)fluoranthene	15.03	252	569536m	48.95	nq	
88) Benzo(k)fluoranthene	15.06	252	612649m	62.64	nq	
89) Benzo(a)pyrene	15.38	252	546102	54.61	nq	98
90) Dibenzo(a,h)anthracene	16.87	278	495981	60.52	nq	98
91) Benzo(g,h,i)perylene	17.28	276	507220	63.71	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: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

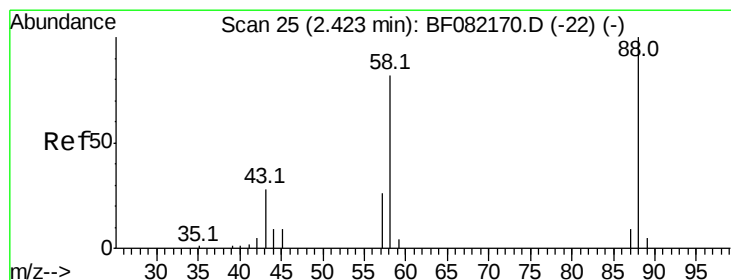
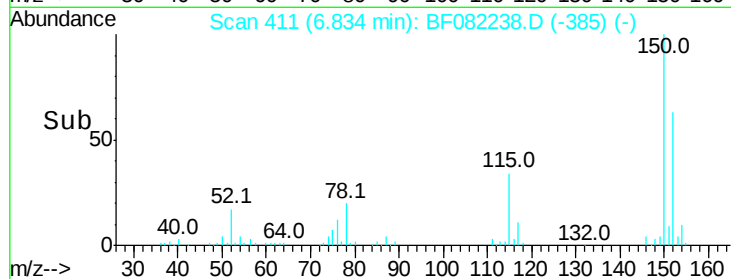
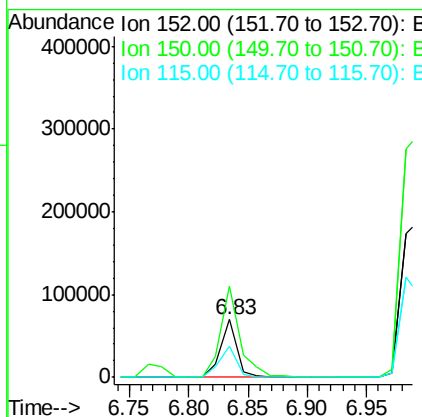
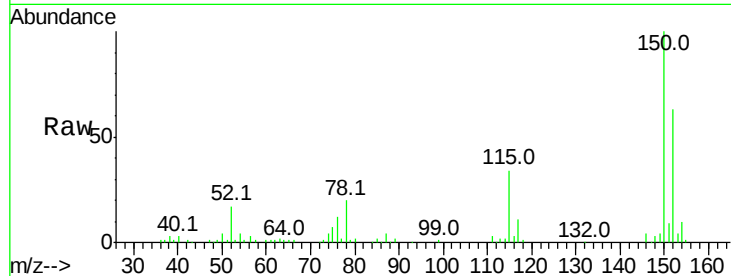
ClientSampleId :

TE-PMW(40)MS

Tot Ion:	152	Resp:	65075
Ion Ratio	Lower	Upper	
152	100		
150	158.3	129.0	193.4
115	54.0	52.1	78.1

Manual Integrations
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#2

1,4-Dioxane

Concen: 19.02 ng

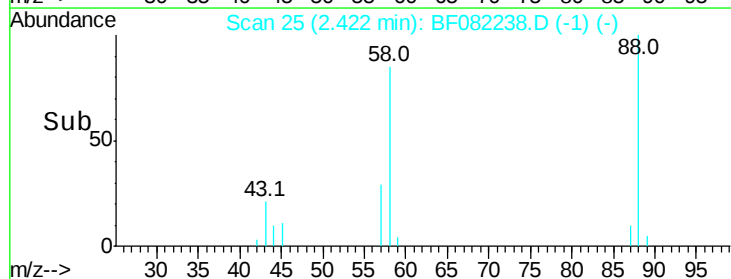
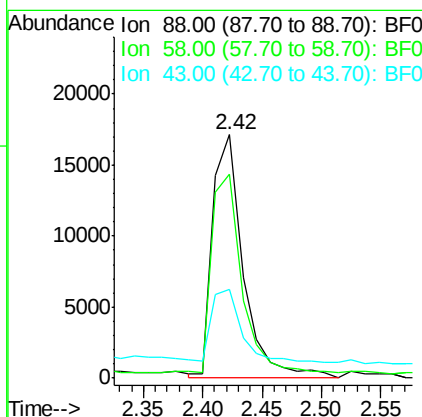
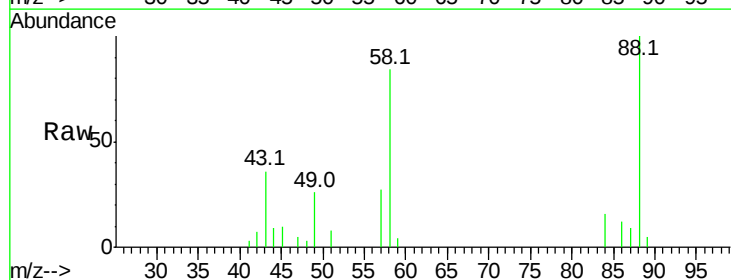
RT: 2.42 min Scan# 25

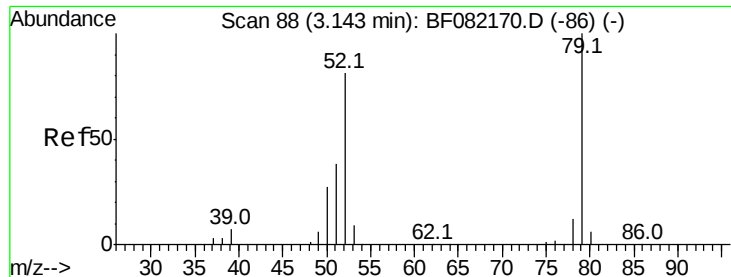
Delta R.T. 0.06 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	88	Resp:	30806
Ion Ratio	Lower	Upper	
88	100		
58	81.1	66.2	99.4
43	29.6	23.0	34.4





#3

Pvridine

Concen: 16.59 ng

RT: 3.15 min Scan# 89

Delta R.T. 0.07 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

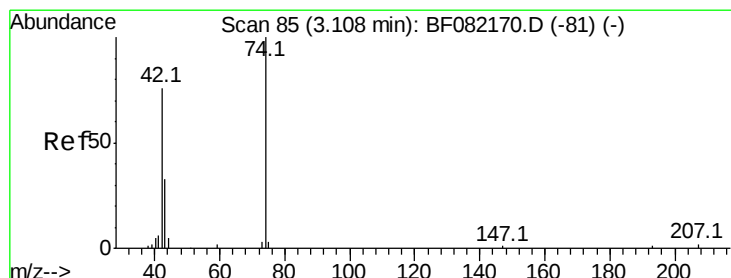
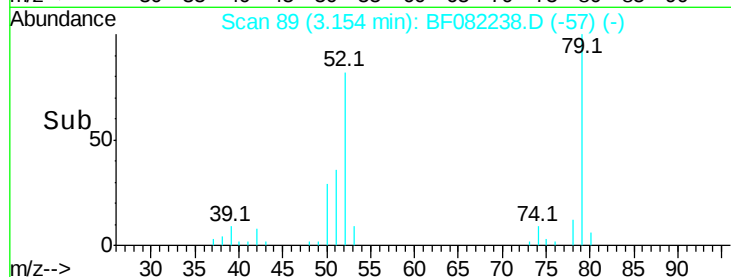
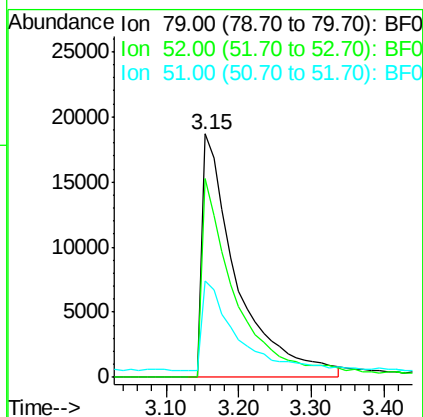
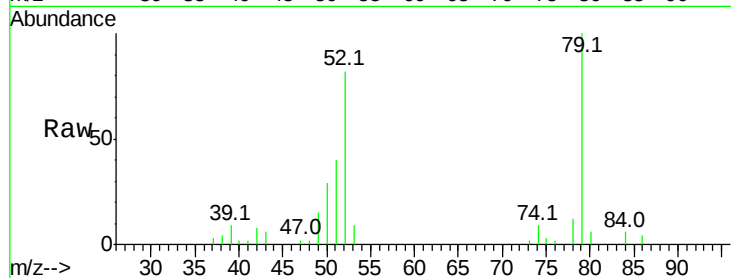
ClientSampleId :

TE-PMW(40)MS

Tot Ion:	79	Resp:	62514
Ion Ratio	Lower	Upper	
79	100		
52	81.6	64.4	96.6
51	39.8	30.5	45.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 17.94 ng

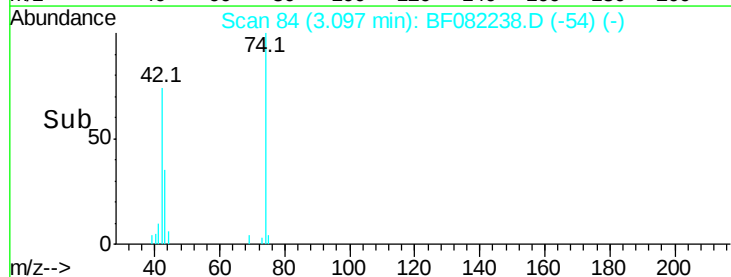
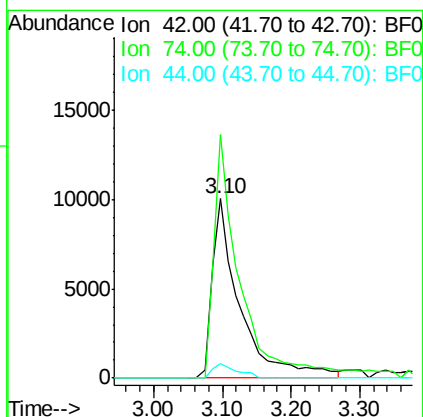
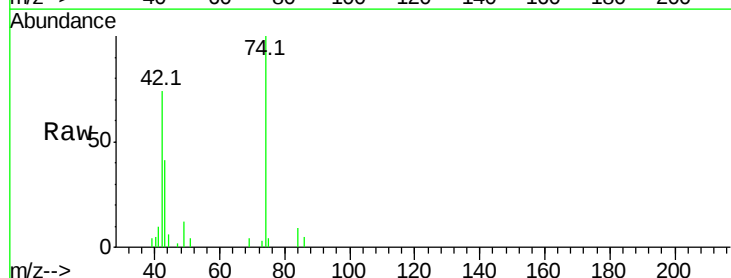
RT: 3.10 min Scan# 84

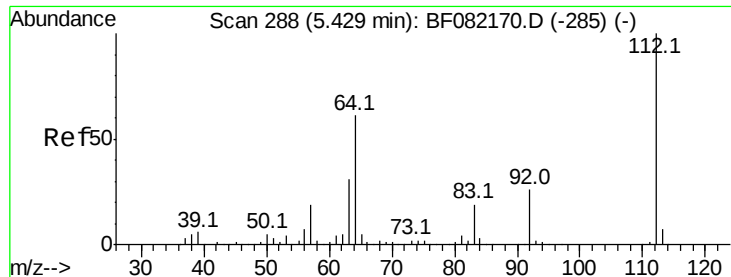
Delta R.T. 0.05 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	42	Resp:	28668
Ion Ratio	Lower	Upper	
42	100		
74	135.7	105.7	158.5
44	8.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 69.15 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

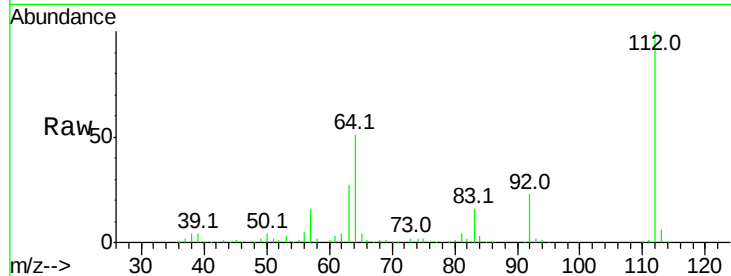
ClientSampleId :

TE-PMW(40)MS

Tot Ion:	112	Resp:	222969
Ion Ratio	Lower	Upper	
112	100		
64	51.4	48.6	73.0
63	26.6	25.1	37.7

Manual Integrations
APPROVED

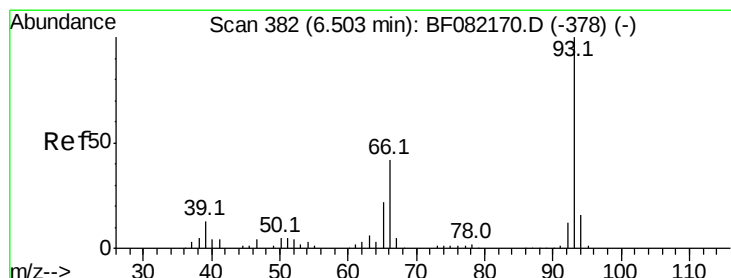
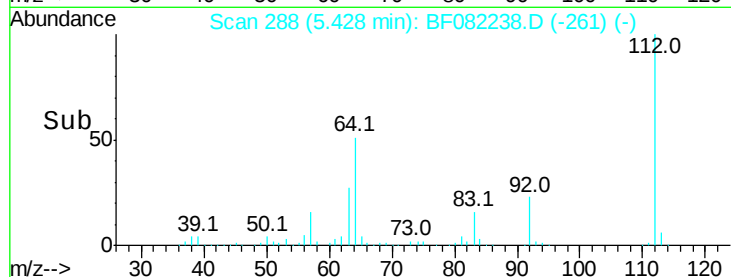
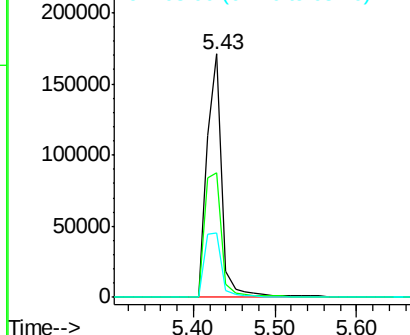
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.15 ng

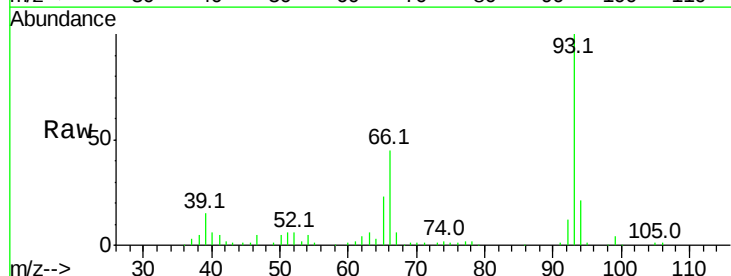
RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

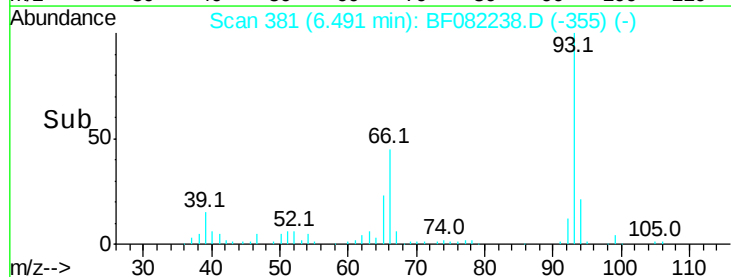
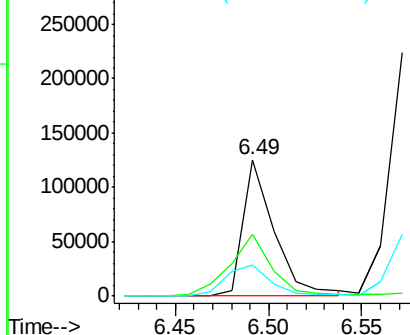
Tgt Ion:	93	Resp:	146893
Ion Ratio	Lower	Upper	
93	100		
66	45.4	34.2	51.2
65	23.1	17.9	26.9

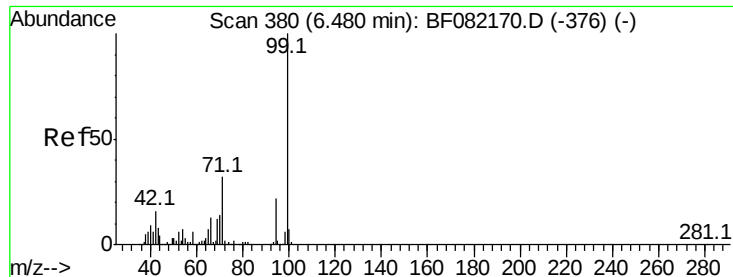


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 44.83 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

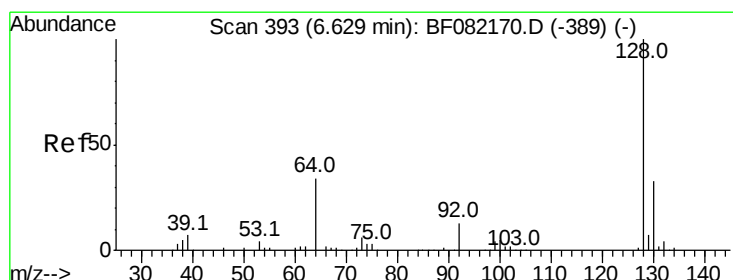
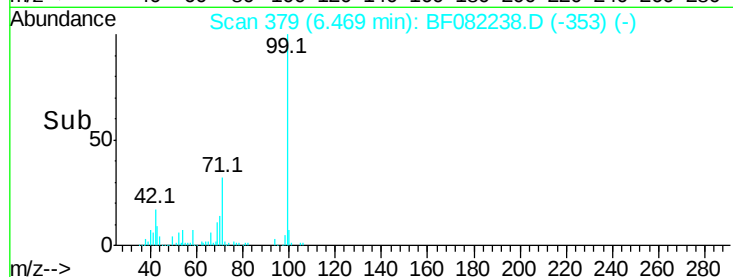
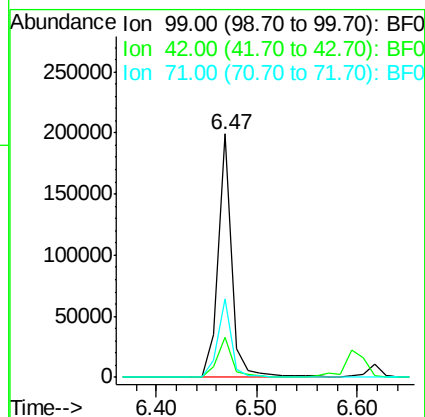
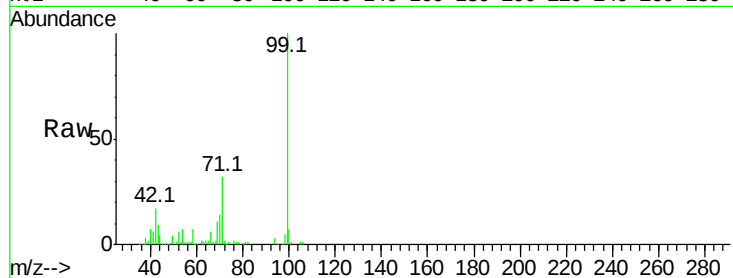
ClientSampleId :

TE-PMW(40)MS

Tot Ion:	99	Resp:	188109
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.2	19.8
71	32.3	25.6	38.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.36 ng

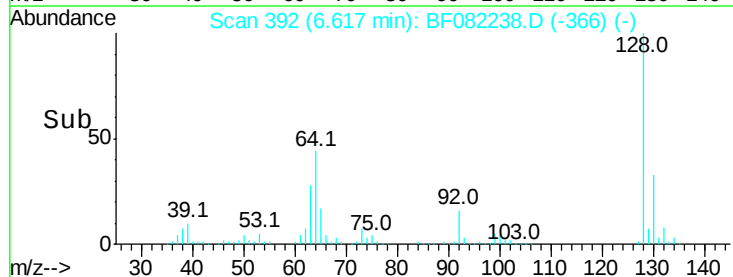
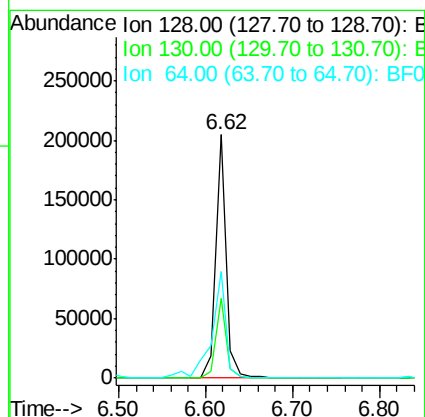
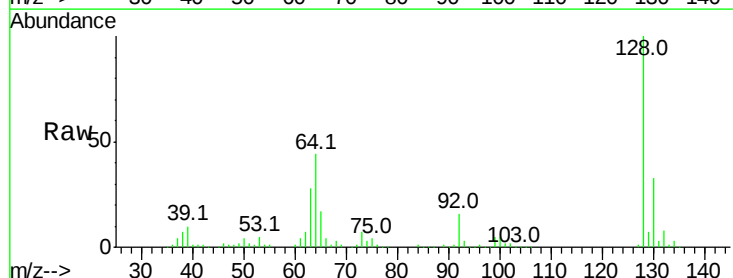
RT: 6.62 min Scan# 392

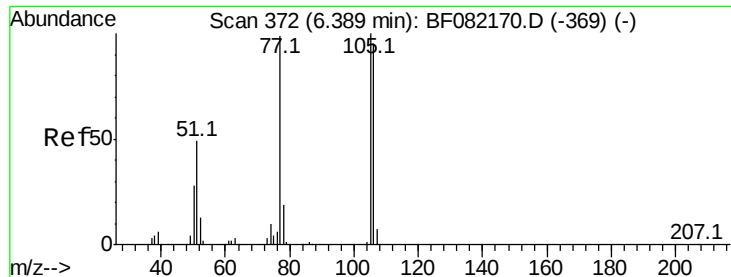
Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	128	Resp:	174597
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.6	52.6
64	43.9	16.7	56.7





#9

Benzaldehyde

Concen: 55.01 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

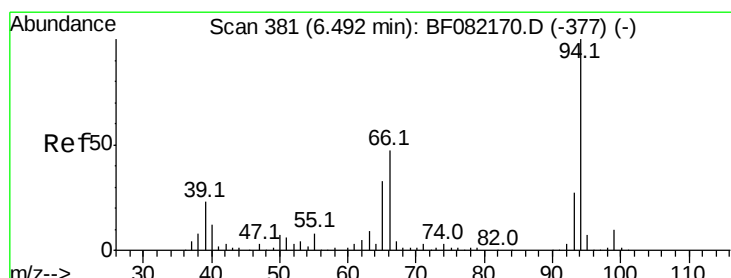
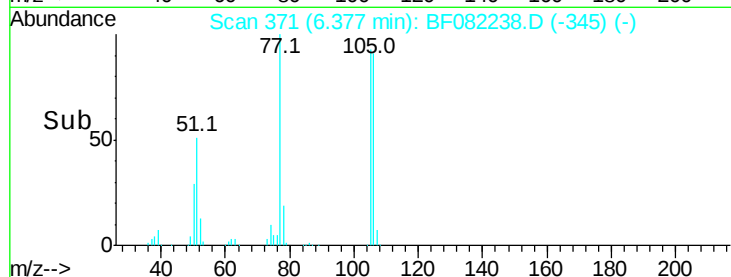
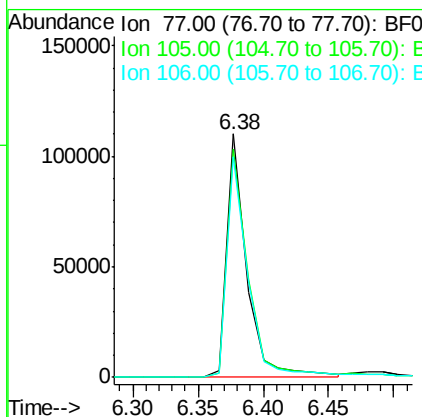
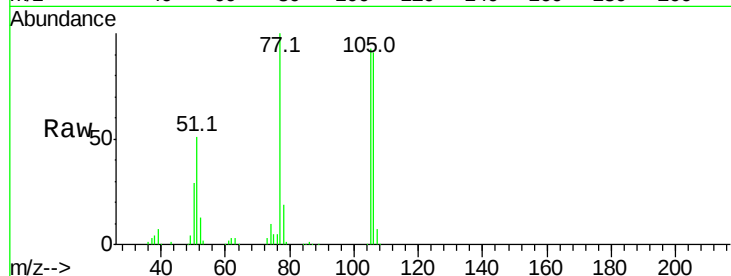
ClientSampleId :

TE-PMW(40)MS

Manual Integrations
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Tot Ion:	77	Resp:	117869
Ion Ratio	Lower	Upper	
77	100		
105	93.5	80.6	120.6
106	90.7	75.5	115.5



#10

Phenol

Concen: 16.79 ng

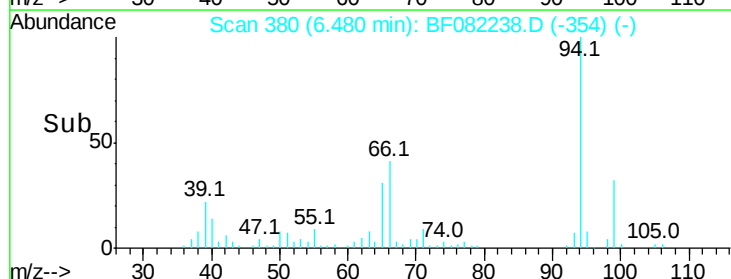
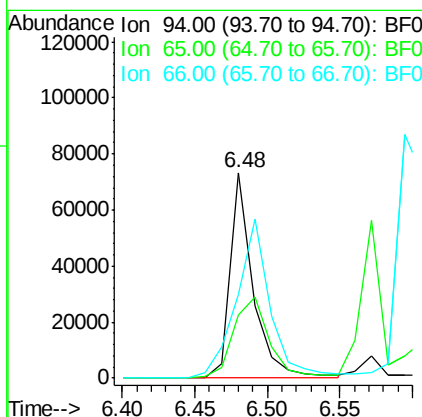
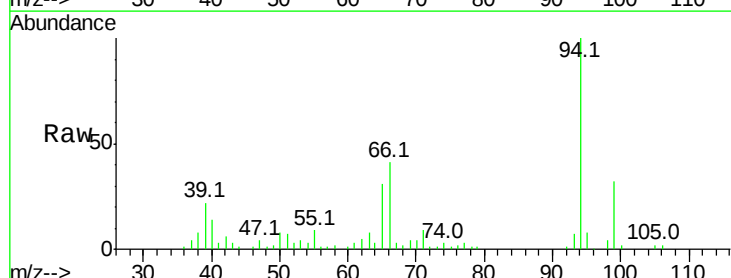
RT: 6.48 min Scan# 380

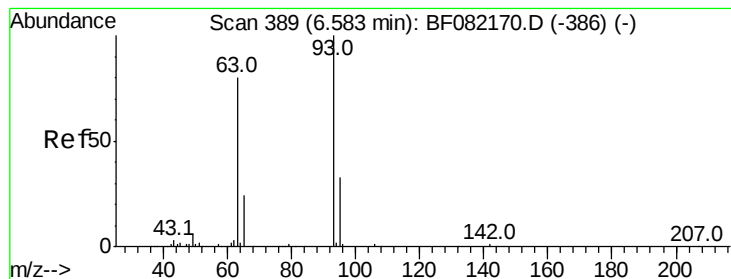
Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	94	Resp:	81250
Ion Ratio	Lower	Upper	
94	100		
65	30.6	12.6	52.6
66	41.0	27.3	67.3





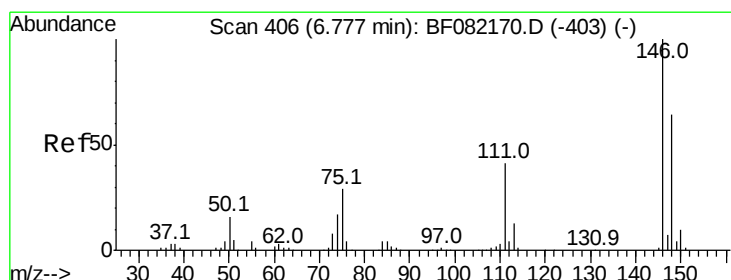
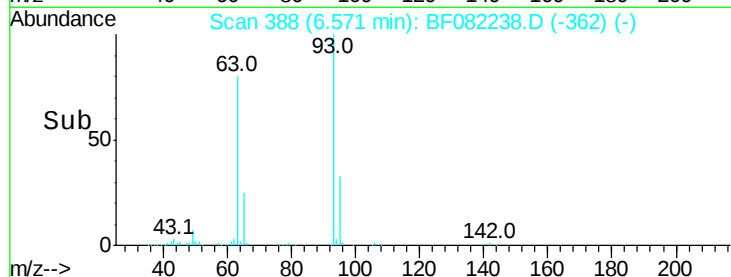
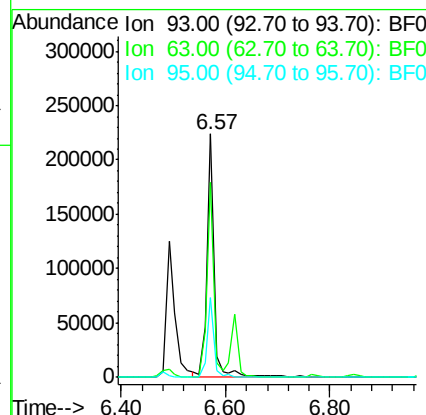
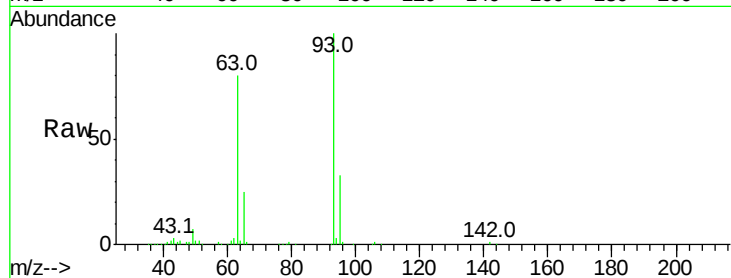
#11
bis(2-Chloroethyl)ether
Concen: 53.20 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	80.3	57.1	97.1	
95	32.6	11.9	51.9	

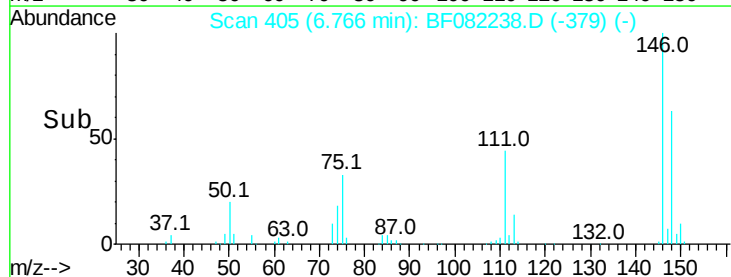
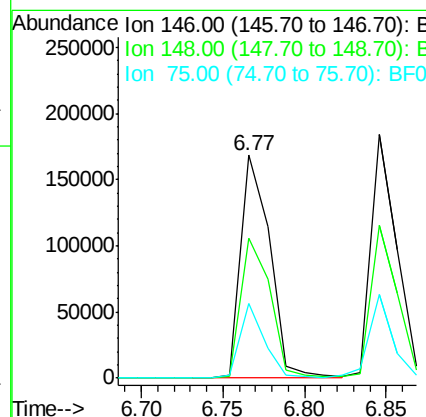
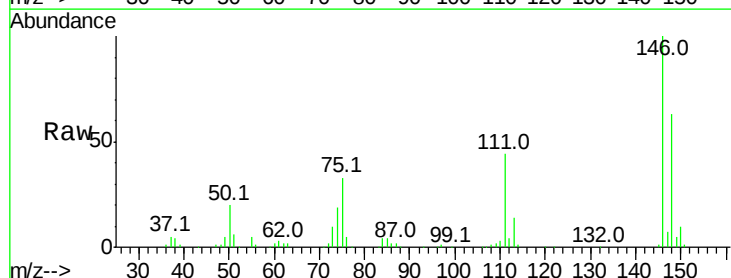
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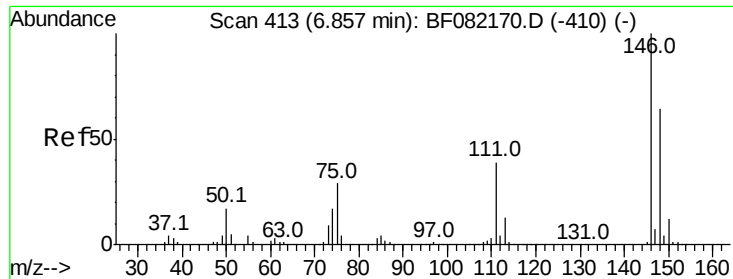
MMdadoda
10/13/2015 1:25:05 PM



#12
1,3-Dichlorobenzene
Concen: 45.14 ng
RT: 6.77 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.7	51.4	77.2	
75	33.3	23.0	34.6	





#13

1,4-Dichlorobenzene

Concen: 43.94 ng

RT: 6.85 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

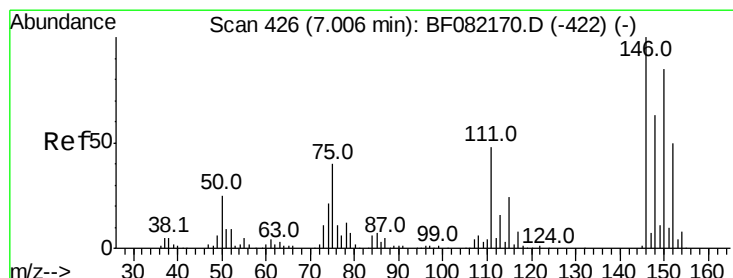
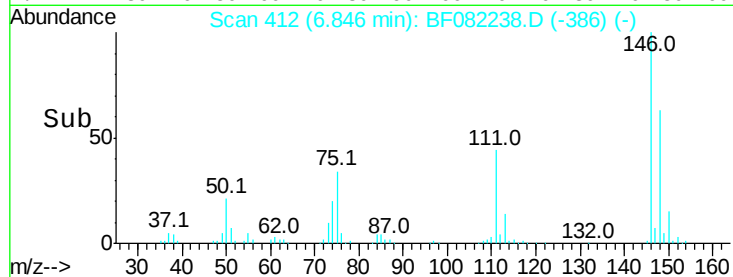
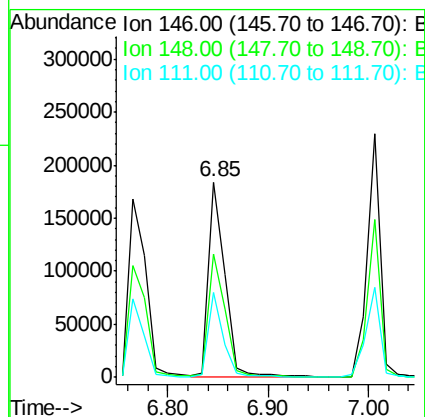
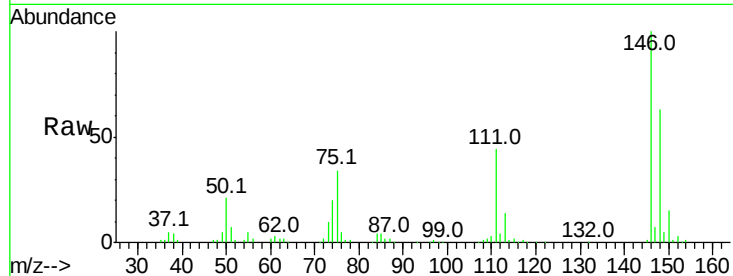
ClientSampleId :

TE-PMW(40)MS

Tot Ion:	146	Resp:	210375
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.0	76.4
111	43.5	31.1	46.7

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#14

1,2-Dichlorobenzene

Concen: 46.21 ng m

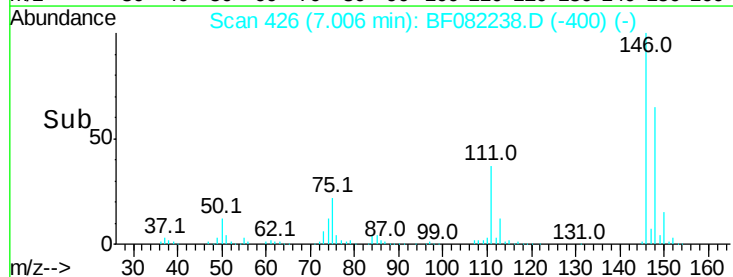
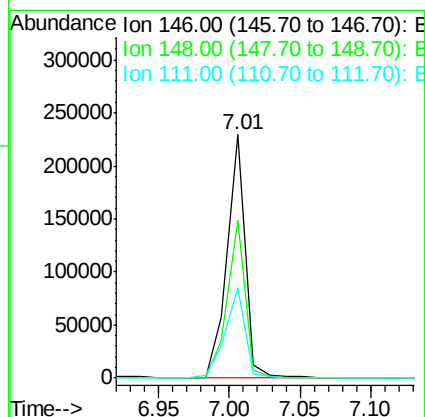
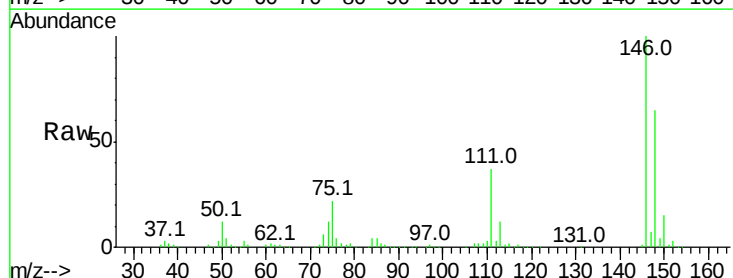
RT: 7.01 min Scan# 426

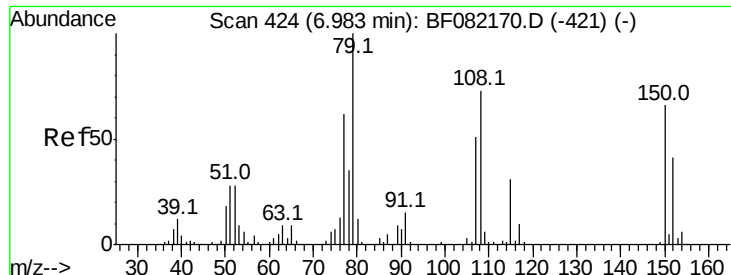
Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	146	Resp:	210076
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.5	75.7
111	36.8	38.5	57.7#





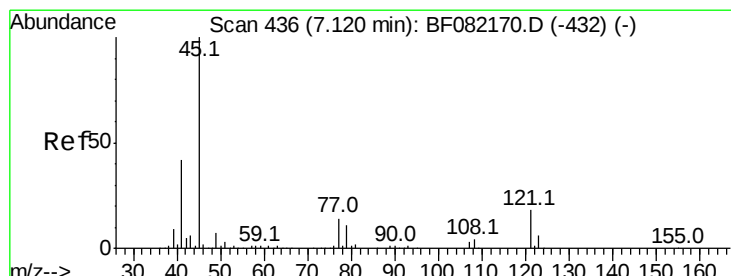
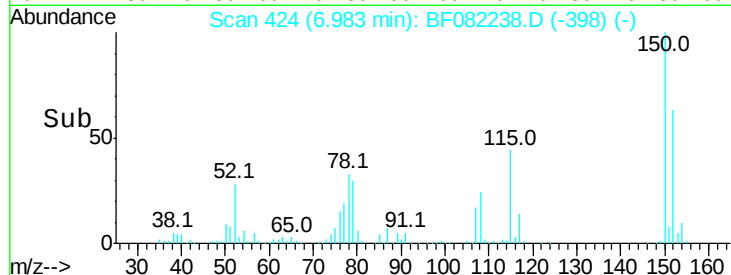
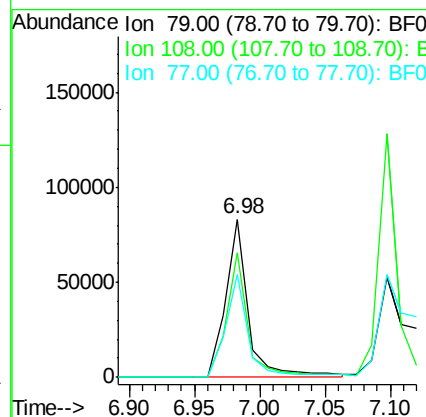
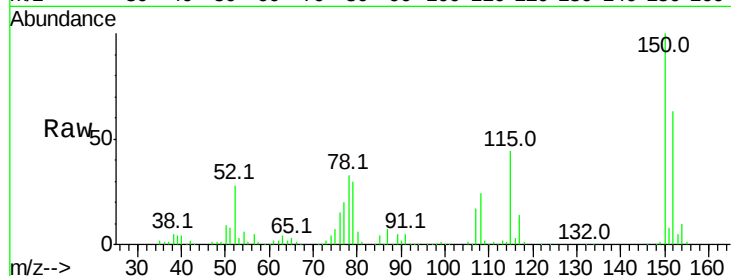
#15
Benzyl Alcohol
Concen: 35.16 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	58.4	87.6
77	64.6	49.8	74.6

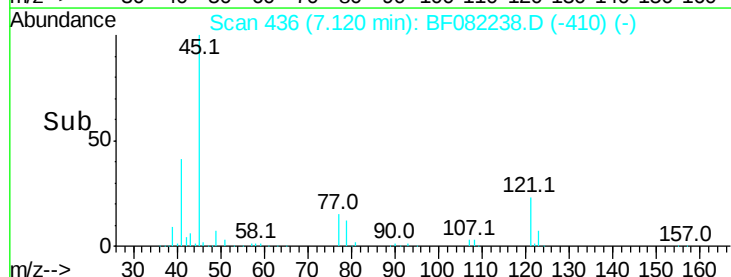
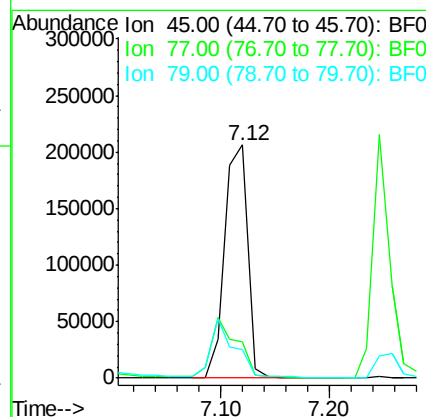
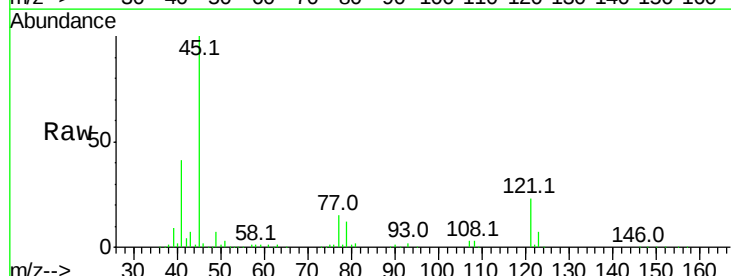
Manual Integrations
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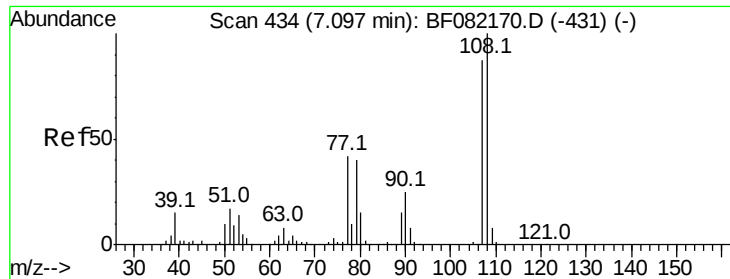
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.06 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.5
79	12.4	0.0	31.6





#17

2-Methylphenol

Concen: 35.79 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

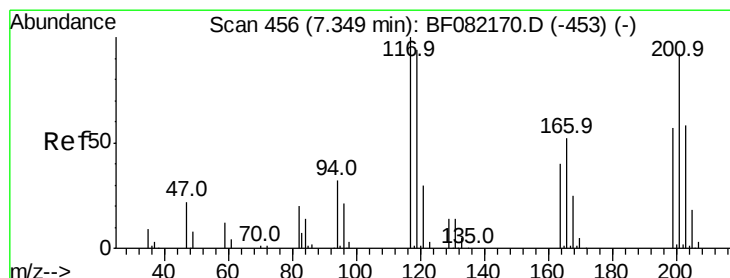
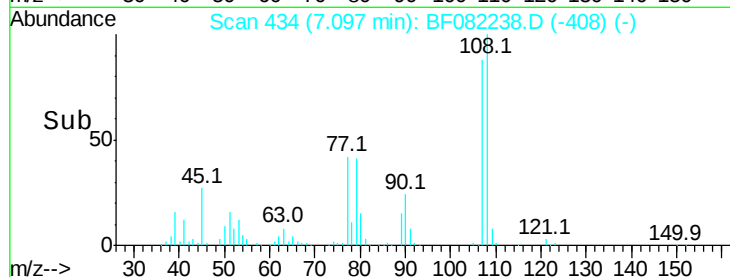
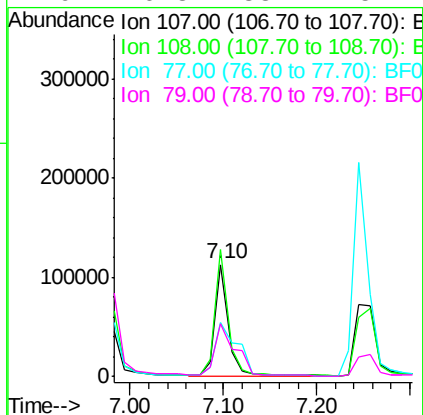
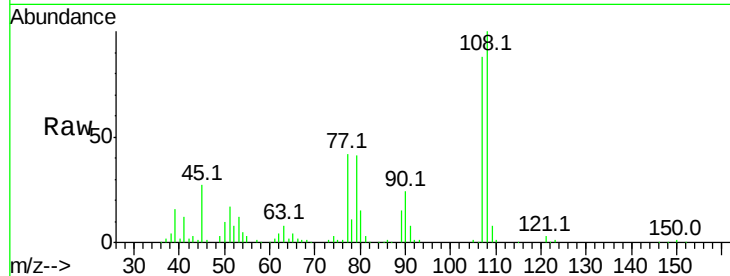
ClientSampleId :

TE-PMW(40)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	111411		
108	114.0	92.2	138.2	
77	47.9	39.6	59.4	
79	46.8	38.2	57.4	

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#18

Hexachloroethane

Concen: 41.54 ng

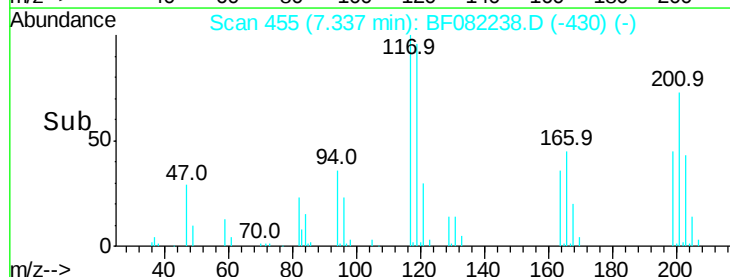
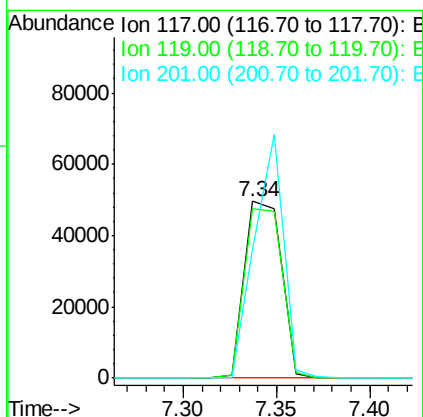
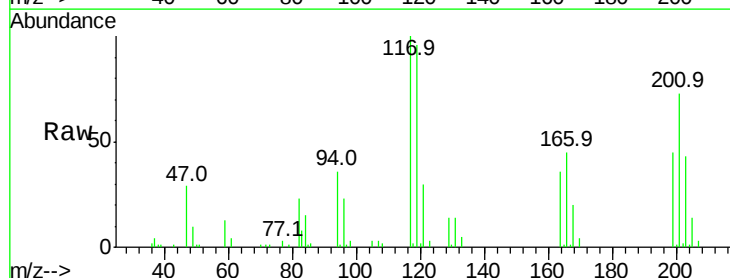
RT: 7.34 min Scan# 455

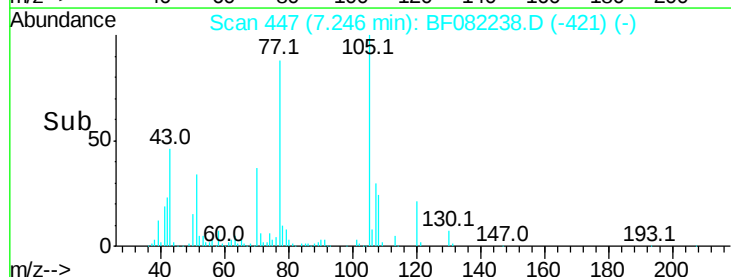
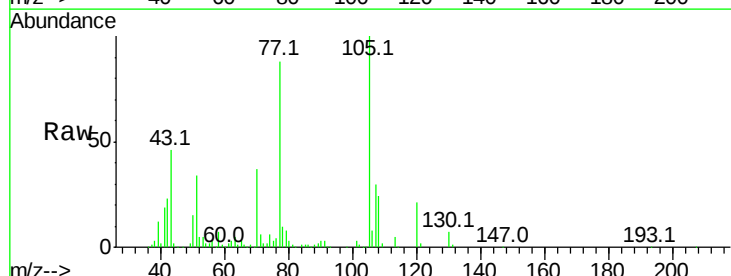
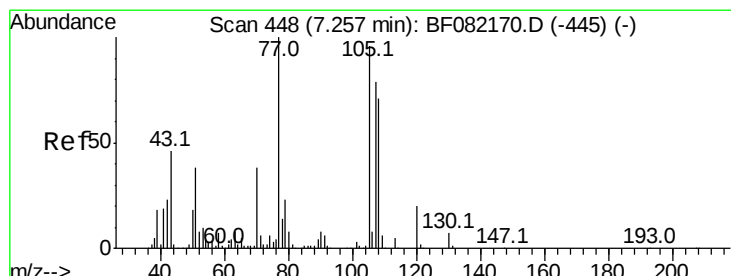
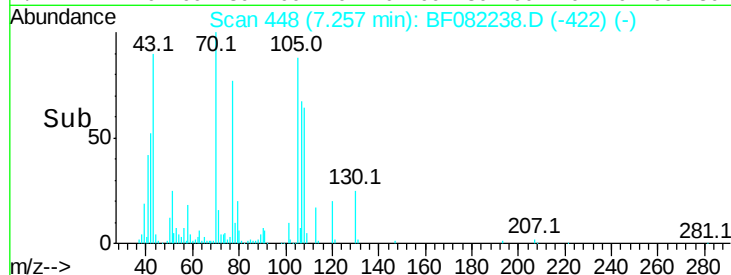
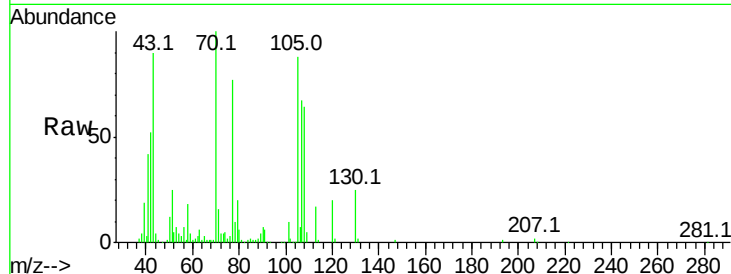
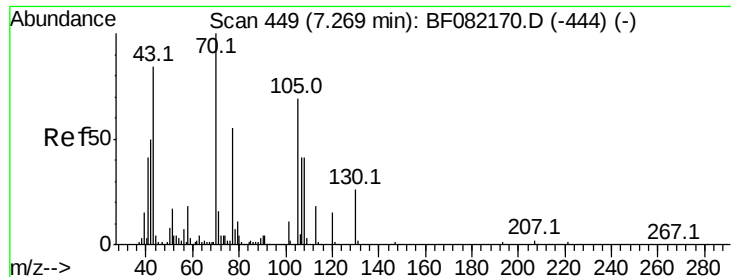
Delta R.T. -0.01 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68071		
119	95.6	75.4	113.2	
201	72.6	73.4	110.0#	

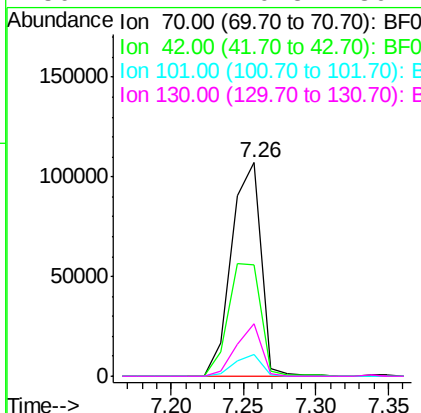




#19
n-Nitroso-di-n-propylamine
Concen: 51.31 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.4	39.8	59.8	
101	10.4	8.6	13.0	
130	24.7	20.5	30.7	

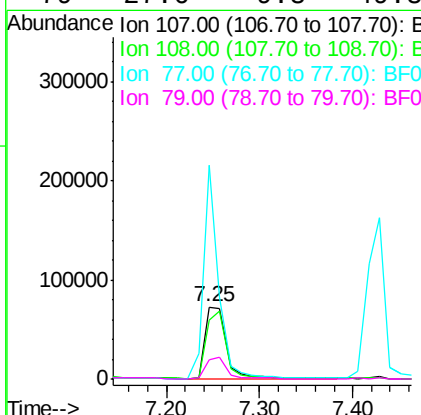


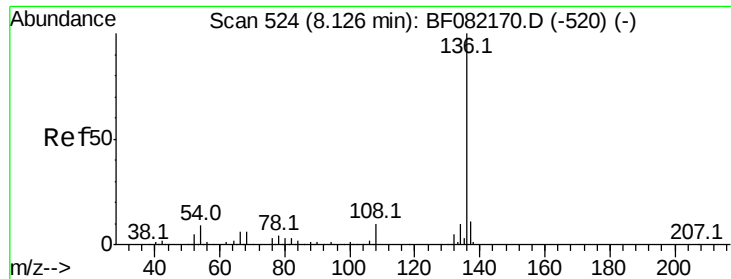
Manual Integrations
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MMdadoda
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#20
3+4-Methylphenols
Concen: 31.23 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.5	69.9	109.9	
77	297.4	106.0	146.0#	
79	27.6	9.8	49.8	





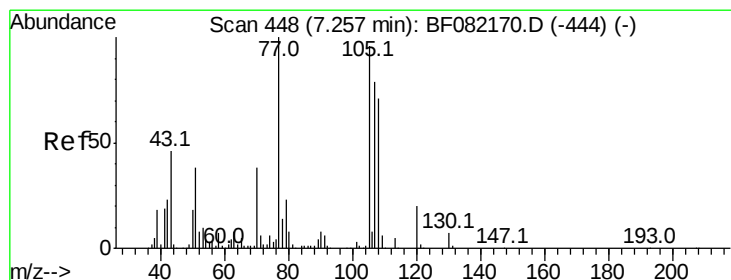
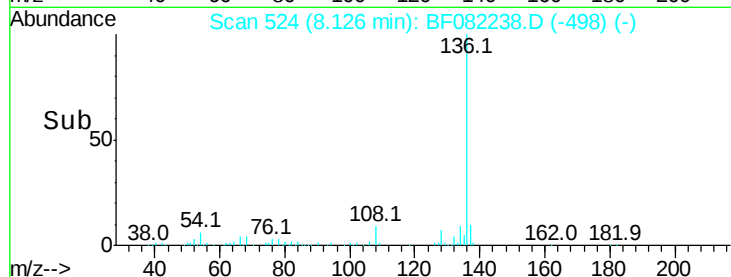
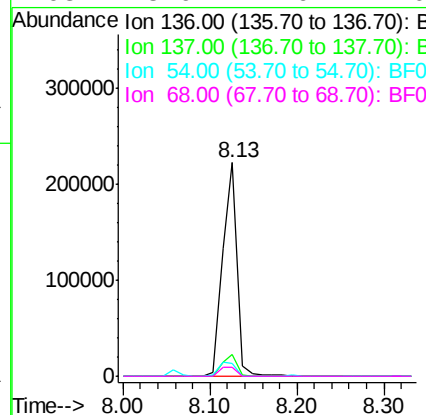
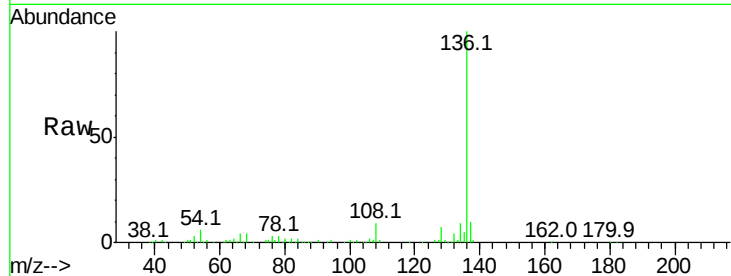
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	259983		
137	10.4		9.0	13.6
54	5.9		7.5	11.3#
68	3.9		4.6	7.0#

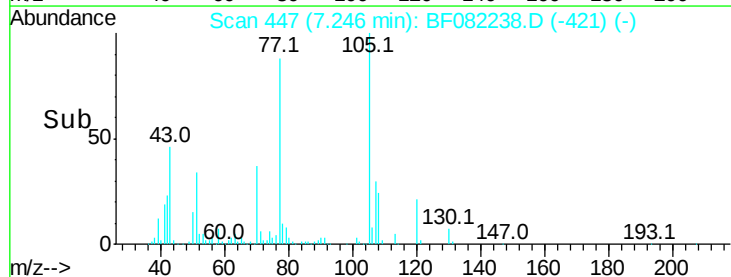
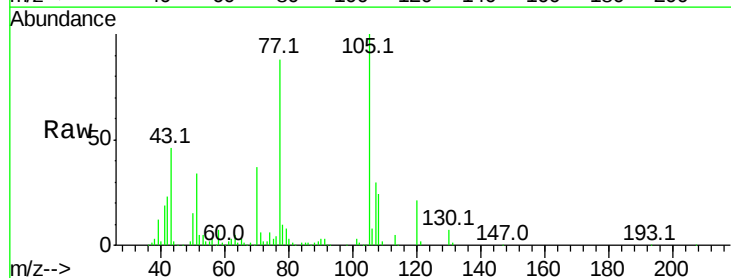
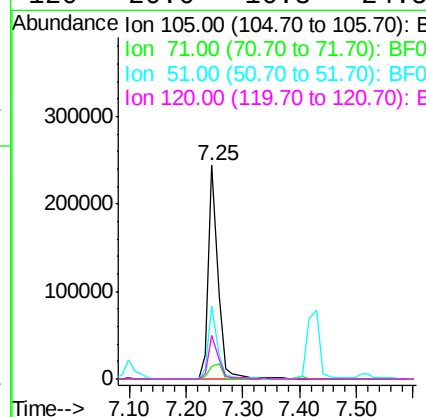
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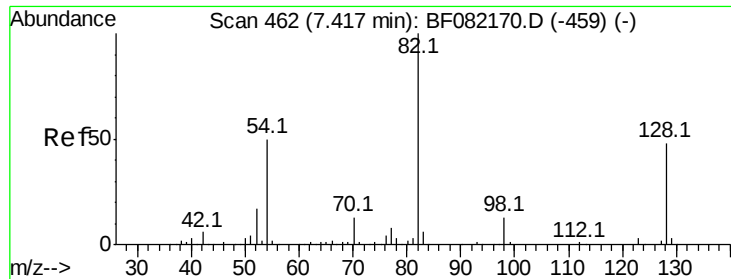
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#22
Acetophenone
Concen: 54.13 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	278396		
71	6.3		5.4	8.0
51	33.9		31.8	47.6
120	20.6		16.3	24.5





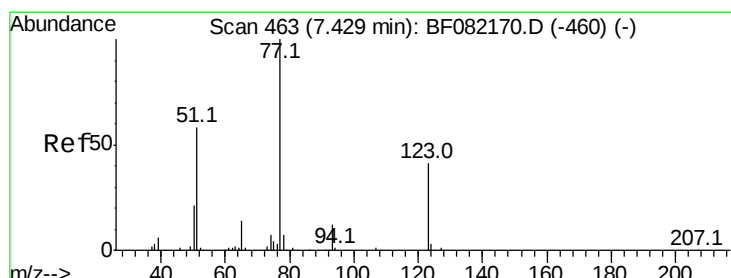
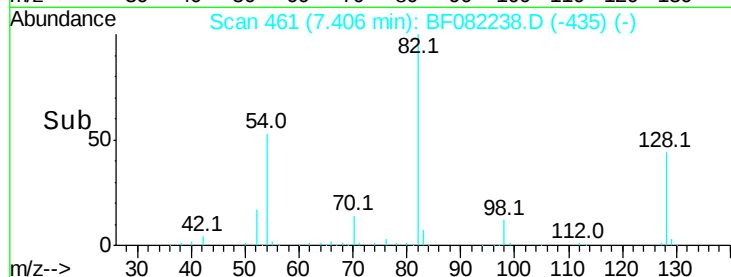
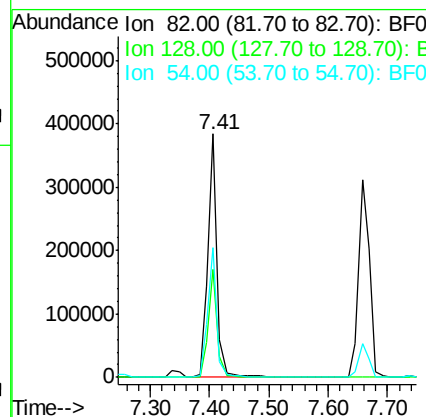
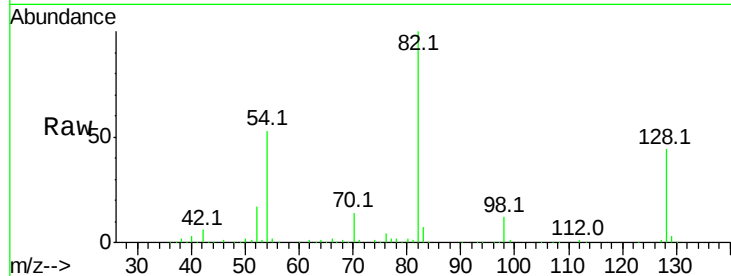
#23
 Nitrobenzene-d5
 Concen: 110.82 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Instrument :
 BNA_F
 ClientSampleID :
 TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	38.7	58.1
54	53.5	40.1	60.1

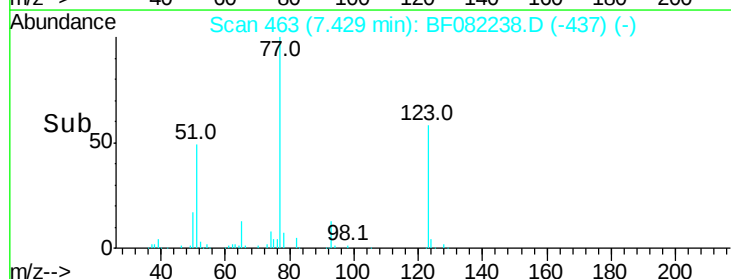
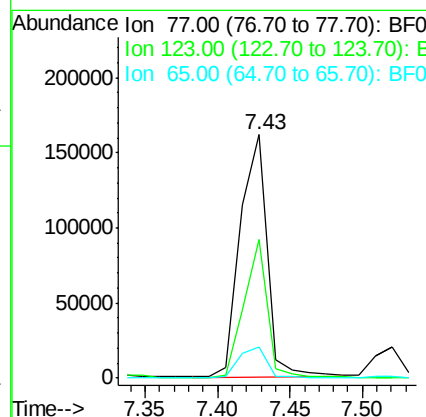
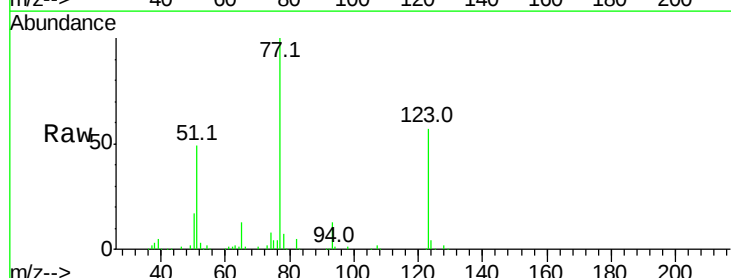
Manual Integrations
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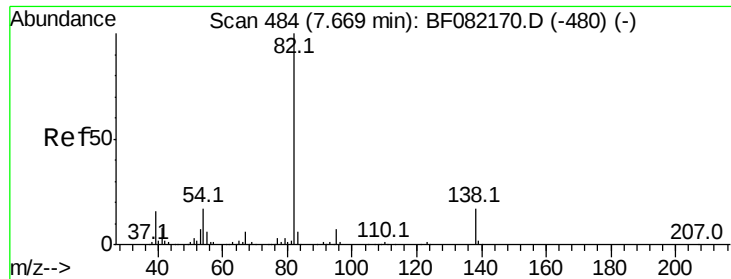
MMdadoda
 10/13/2015 1:25:05 PM



#24
 Nitrobenzene
 Concen: 50.23 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.1	33.0	49.4#
65	13.0	11.2	16.8





#25

Isophorone

Concen: 50.84 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

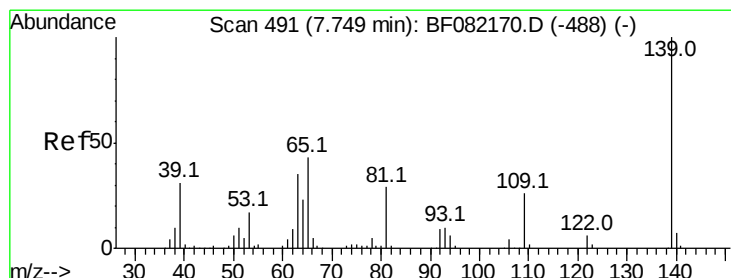
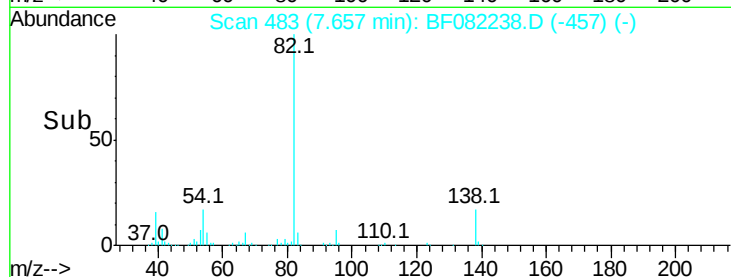
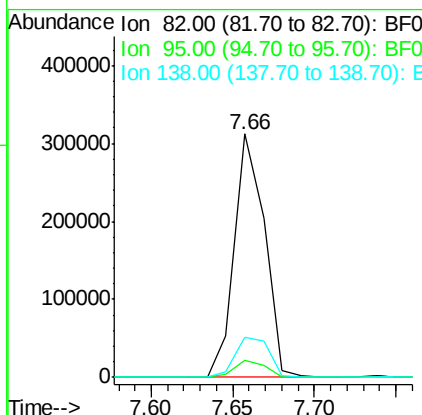
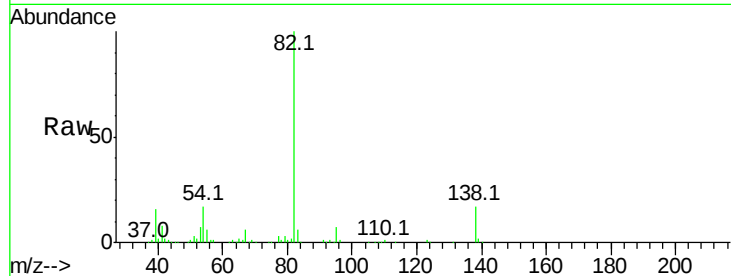
ClientSampleId :

TE-PMW(40)MS

Tot Ion:	82	Resp:	397240
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	16.7	13.6	20.4

Manual Integrations
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MMdadoda
10/13/2015 1:25:05 PM



#26

2-Nitrophenol

Concen: 51.39 ng

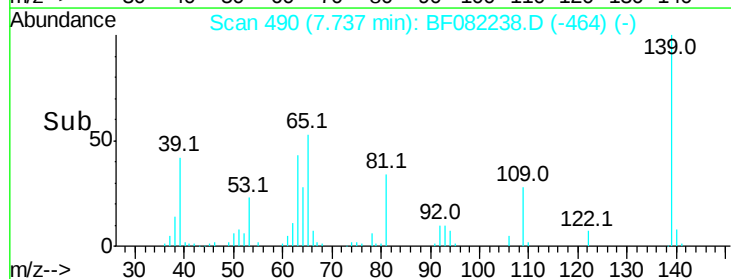
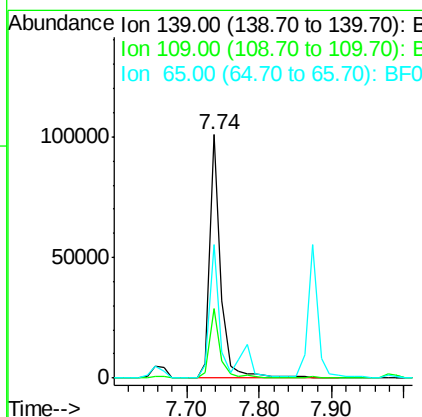
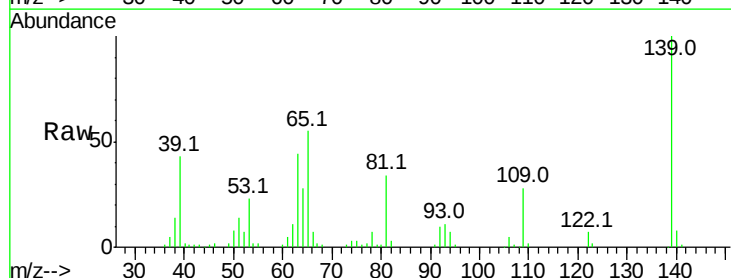
RT: 7.74 min Scan# 490

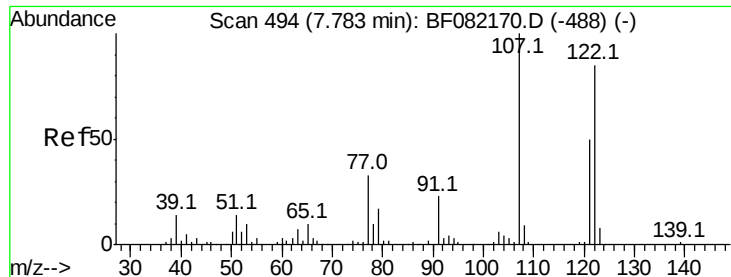
Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	139	Resp:	107524
Ion Ratio	Lower	Upper	
139	100		
109	28.4	20.6	31.0
65	54.9	34.3	51.5#





#27

2,4-Dimethylphenol

Concen: 47.84 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

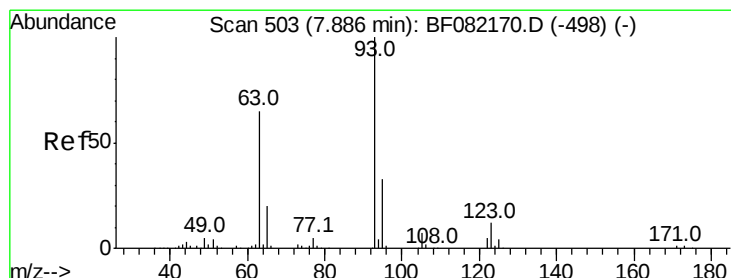
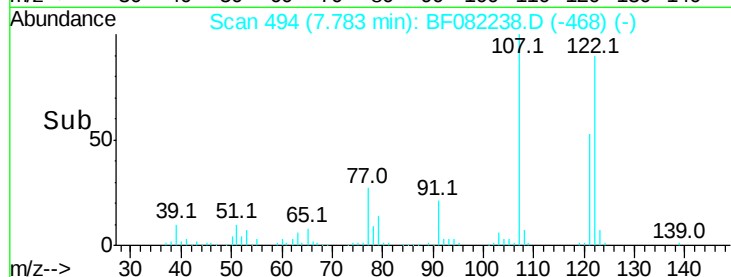
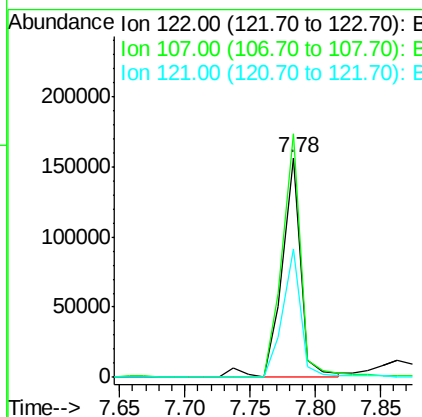
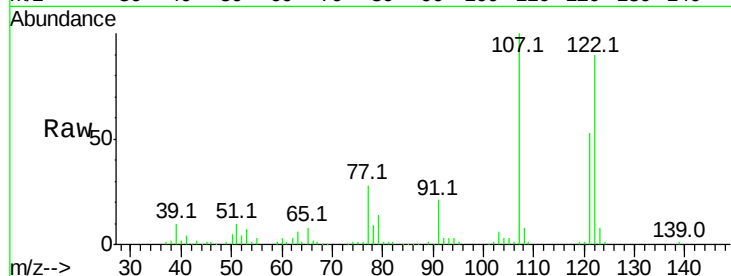
ClientSampleId :

TE-PMW(40)MS

Tot Ion:	122	Resp:	161276
Ion Ratio	Lower	Upper	
122	100		
107	110.8	94.0	141.0
121	58.5	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 54.06 ng

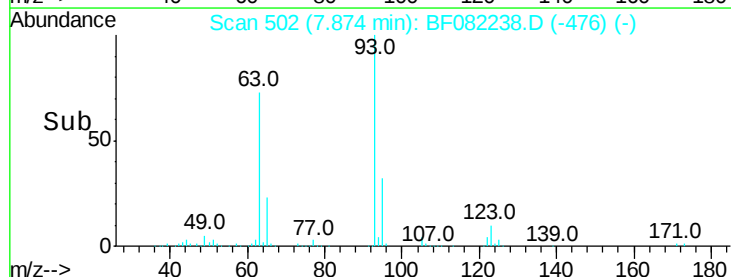
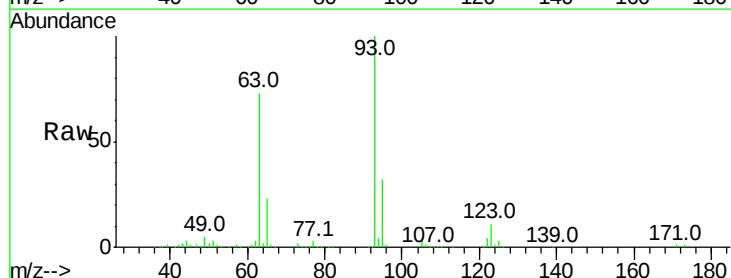
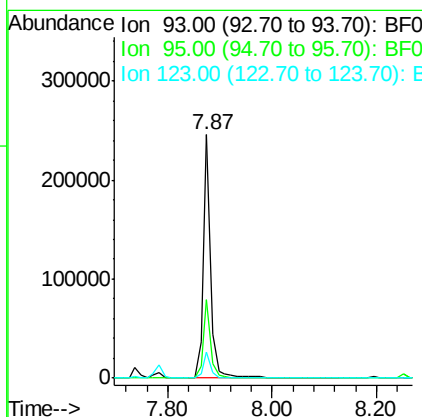
RT: 7.87 min Scan# 502

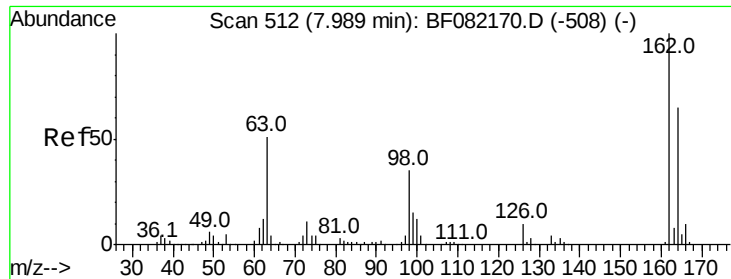
Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	93	Resp:	245763
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.6	39.8
123	10.6	9.5	14.3





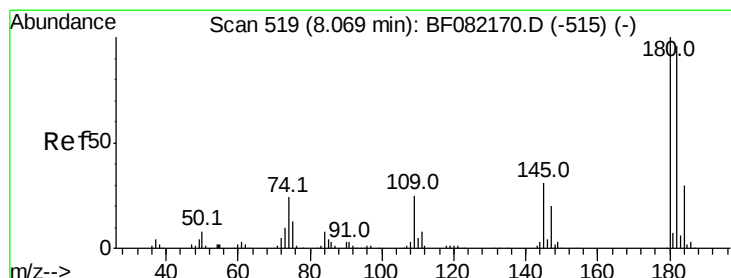
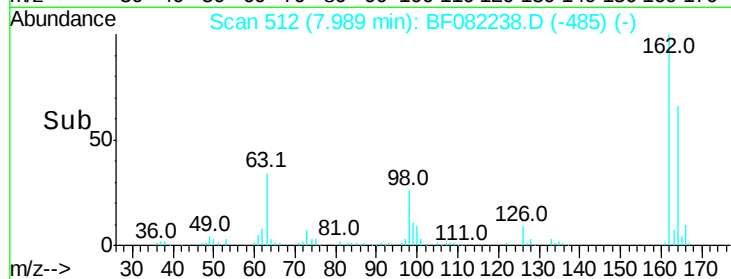
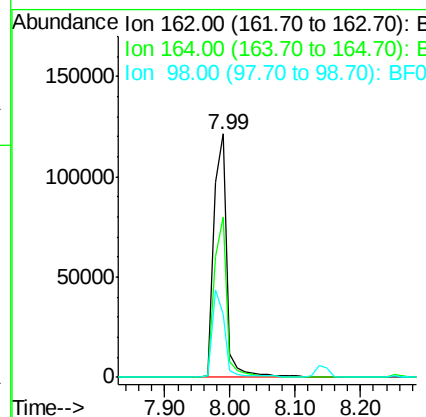
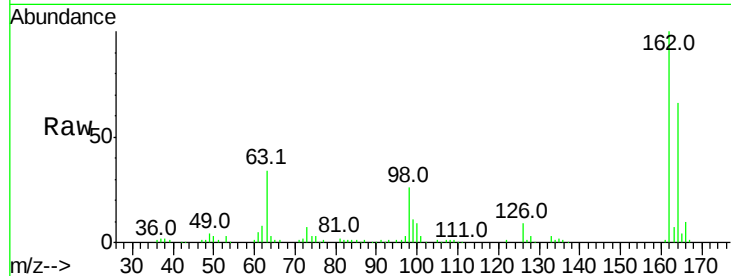
#29
2,4-Dichlorophenol
Concen: 50.69 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.0	44.6	84.6
98	26.2	15.0	55.0

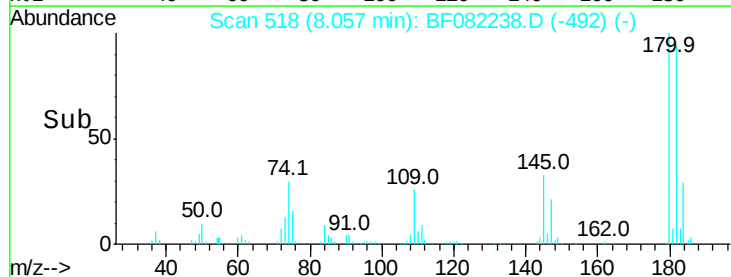
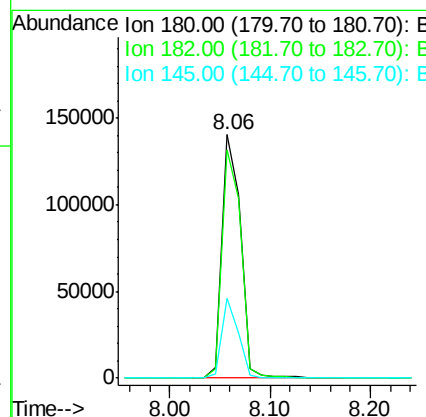
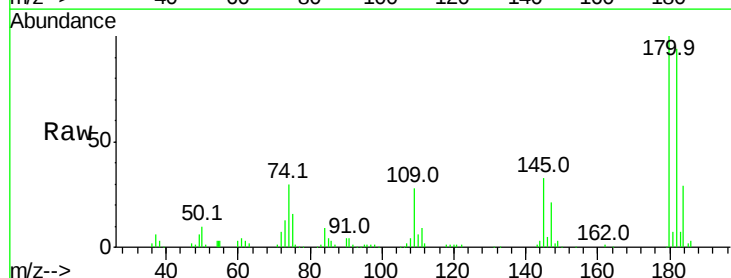
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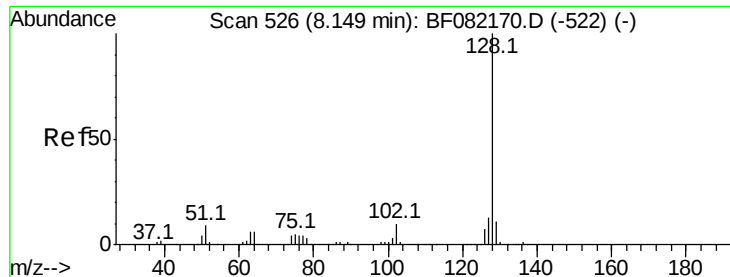
MMdadoda
10/13/2015 1:25:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.52 ng
RT: 8.06 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	77.0	115.4
145	32.9	25.0	37.4





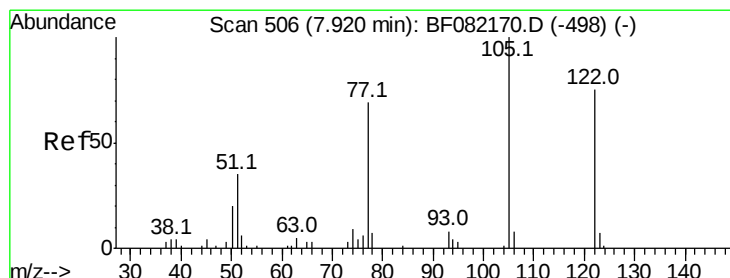
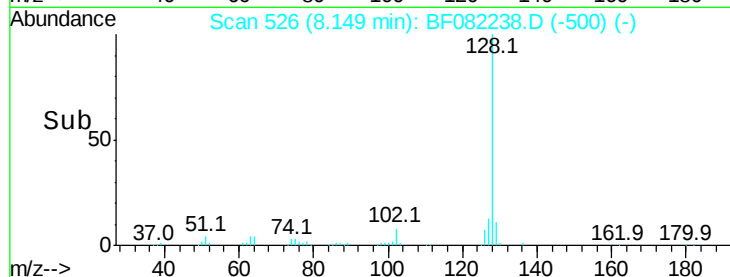
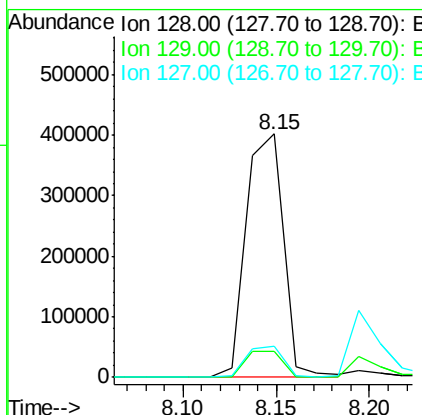
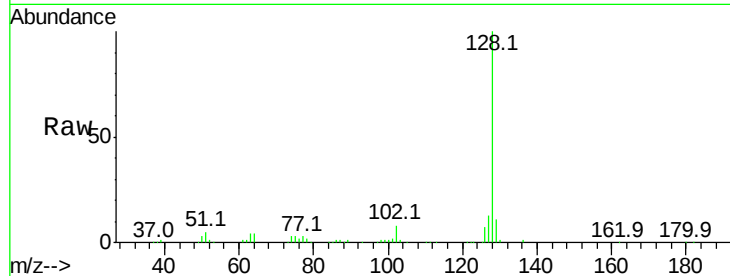
#31
Naphthalene
Concen: 49.41 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

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

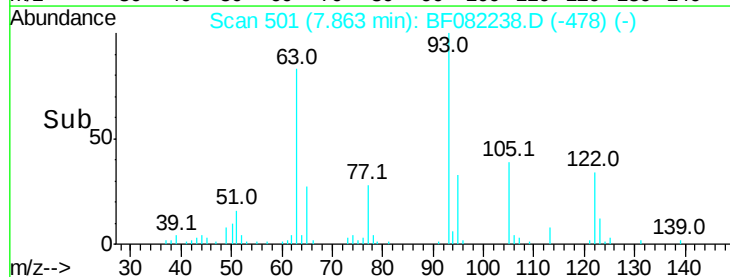
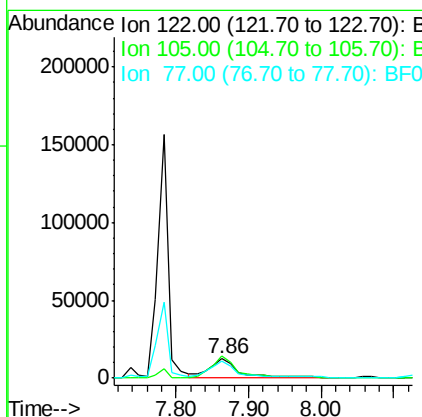
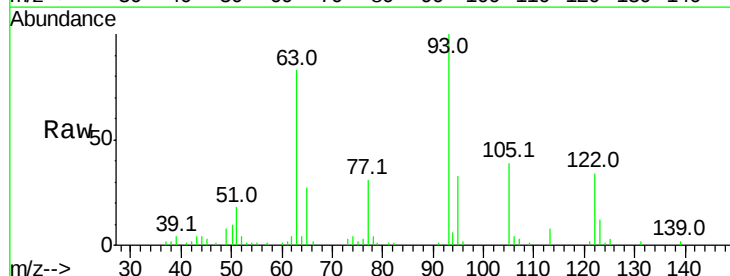
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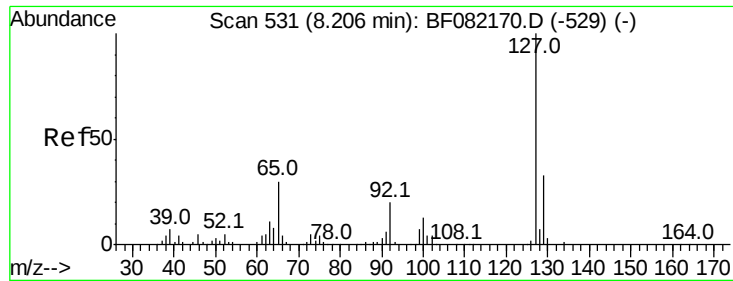
MMdadoda
10/13/2015 1:25:05 PM



#32
Benzoic acid
Concen: 14.92 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	115.7	104.4	144.4	
77	91.6	69.0	109.0	





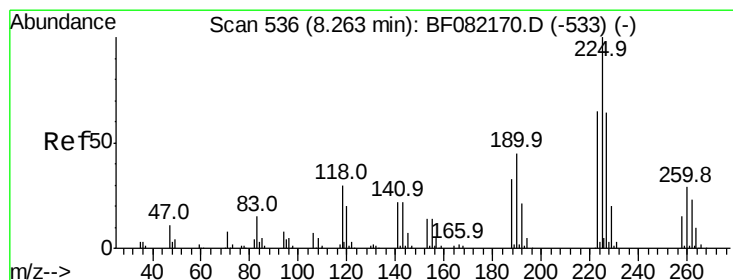
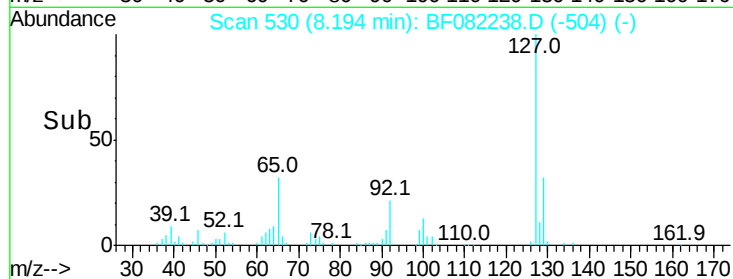
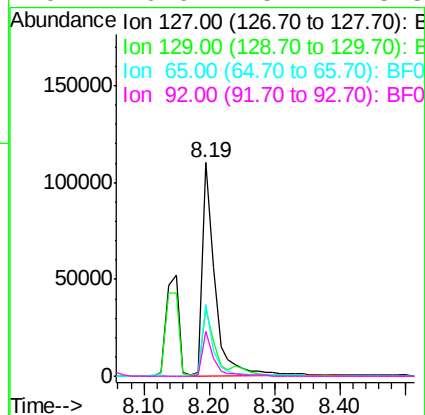
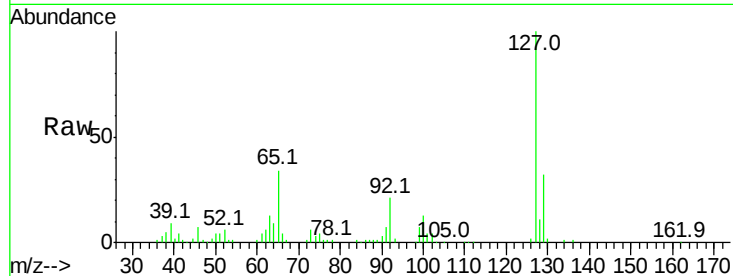
#33
4-Chloroaniline
Concen: 31.39 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.3	39.5	
65	33.6	24.4	36.6	
92	20.9	15.7	23.5	

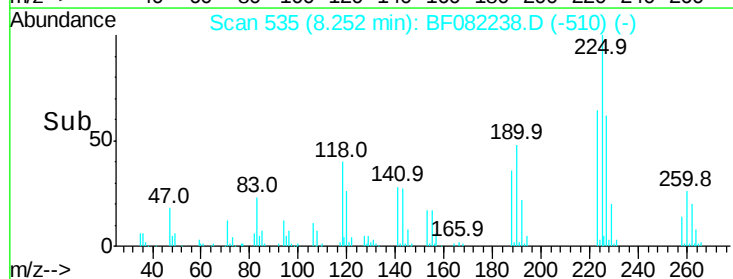
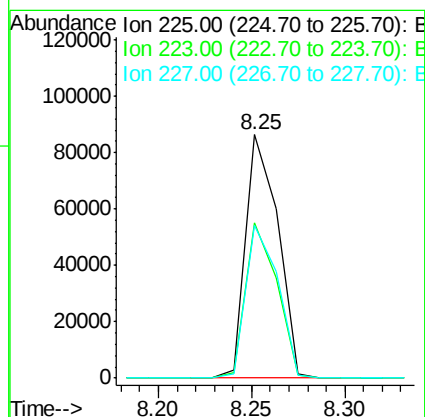
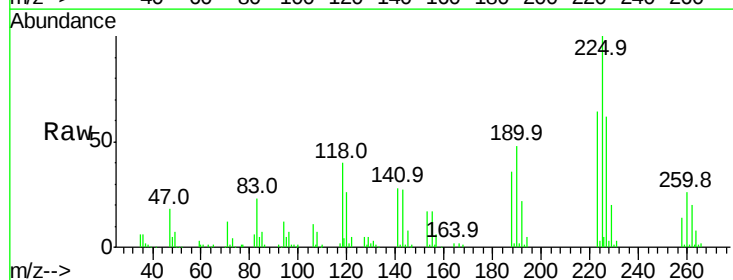
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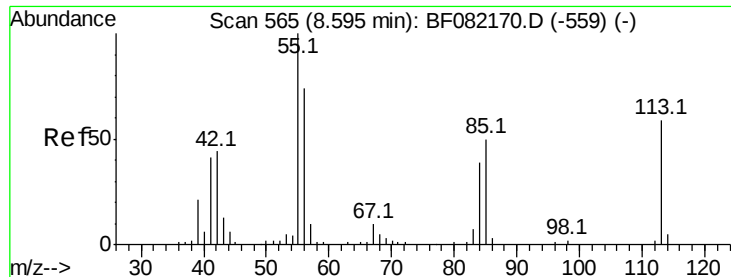
MMdadoda
10/13/2015 1:25:05 PM



#34
Hexachlorobutadiene
Concen: 42.69 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	52.2	78.2	
227	62.5	51.3	76.9	





#35

Caprolactam

Concen: 7.59 ng

RT: 8.57 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

ClientSampleId :

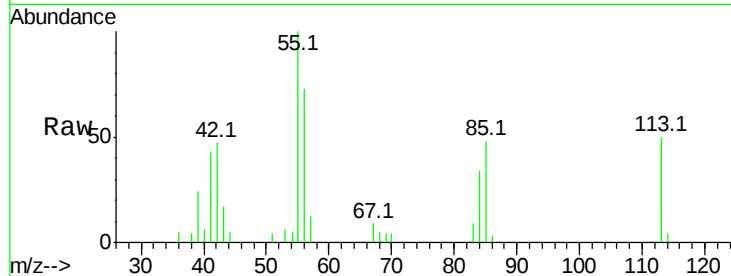
TE-PMW(40)MS

Tot Ion:113 Resp: 7428

Ion	Ratio	Lower	Upper
113	100		
55	199.1	149.7	189.7#
56	144.8	105.4	145.4

Manual Integrations
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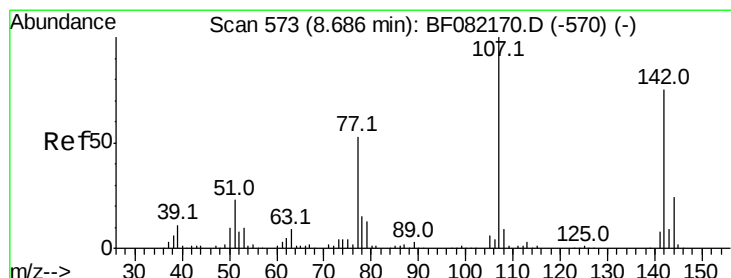
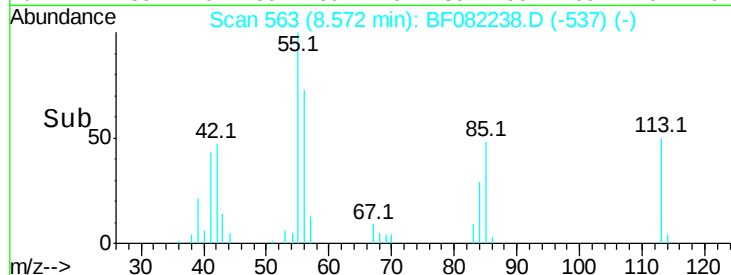
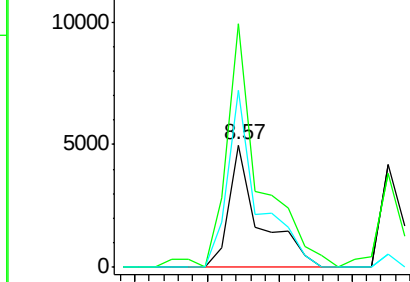
MMdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.80 ng

RT: 8.67 min Scan# 572

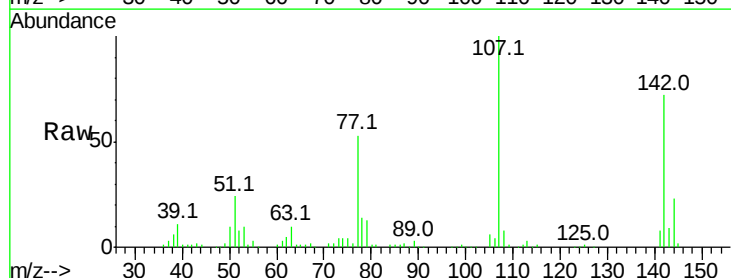
Delta R.T. -0.01 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:107 Resp: 157512

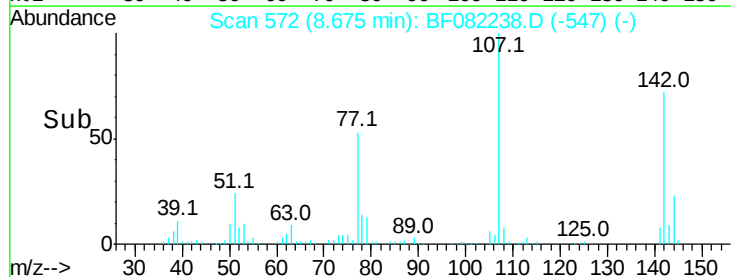
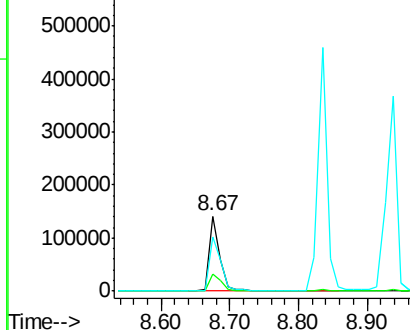
Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.3	28.9
142	72.2	59.9	89.9

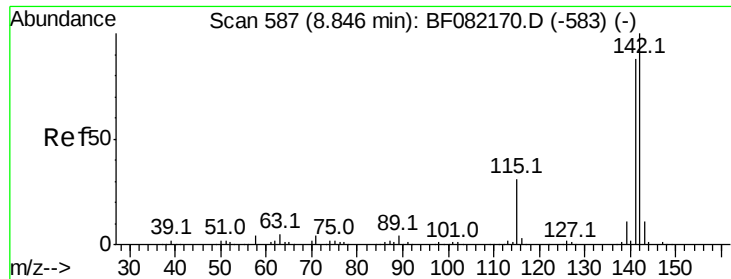


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





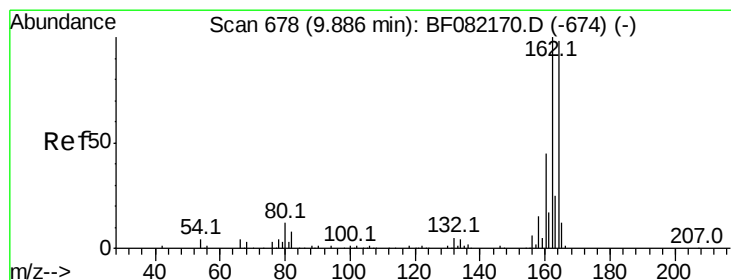
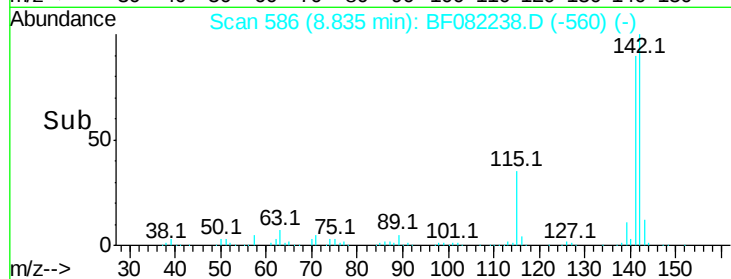
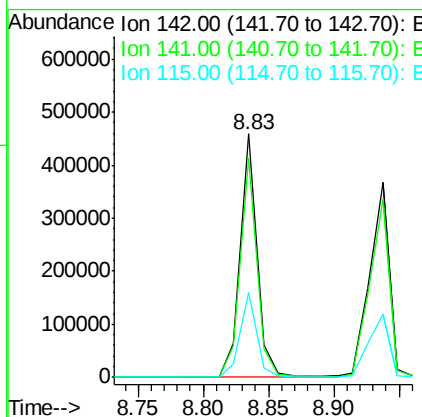
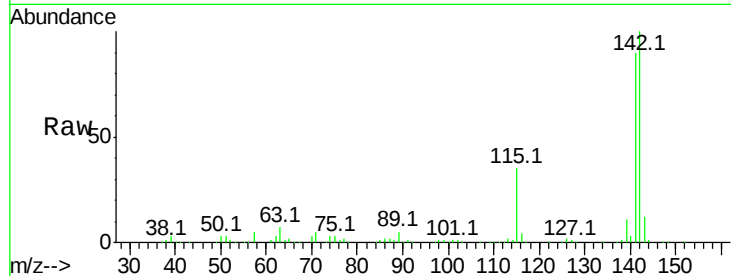
#37
2-Methylnaphthalene
Concen: 52.82 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	34.8	24.6	37.0

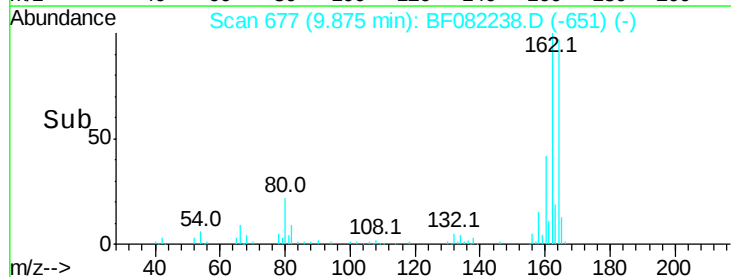
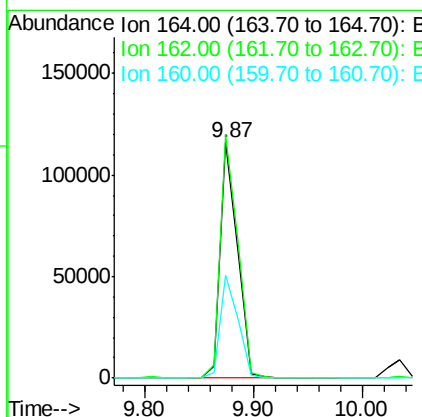
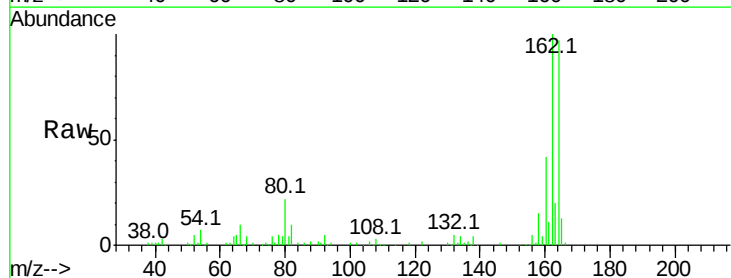
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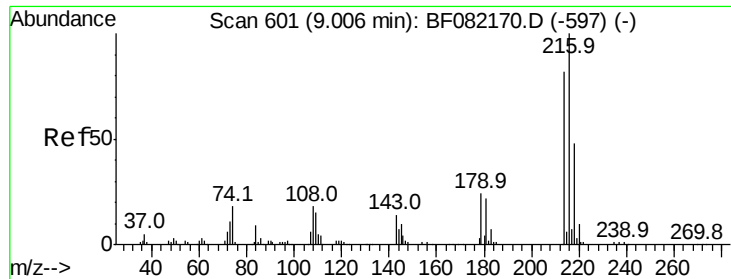
MMdadoda
10/13/2015 1:25:05 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.6	122.4
160	43.7	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.07 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082238.D

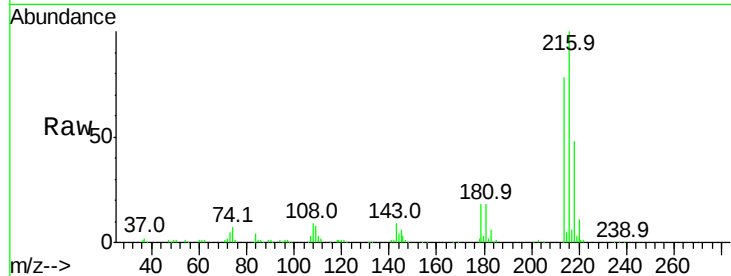
Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

ClientSampleId :

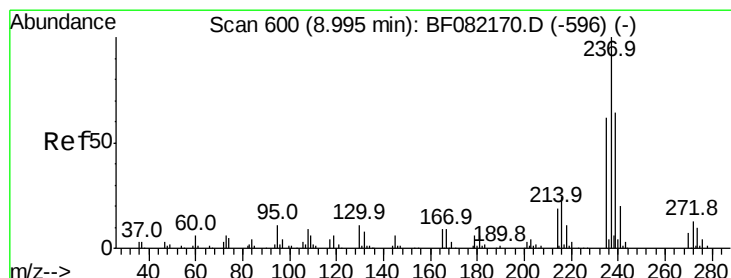
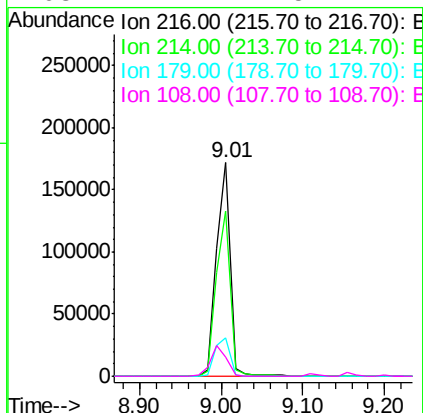
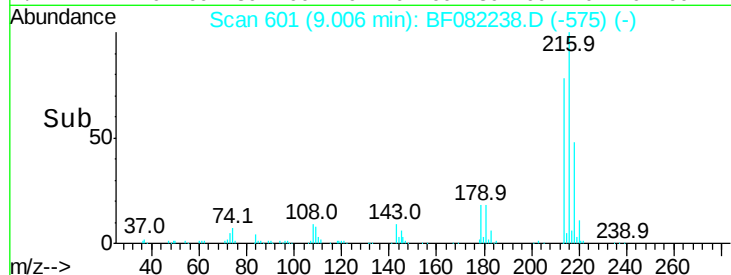
TE-PMW(40)MS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	201923		
214	78.7	64.6	97.0	
179	20.2	17.6	26.4	
108	17.2	14.5	21.7	

Manual Integrations
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MMdadoda
10/13/2015 1:25:05 PM



#40

Hexachlorocyclopentadiene

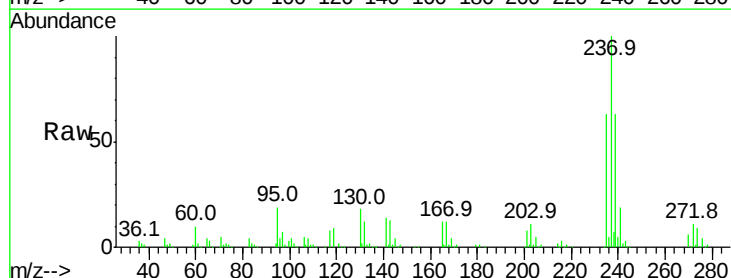
Concen: 87.12 ng

RT: 8.98 min Scan# 599

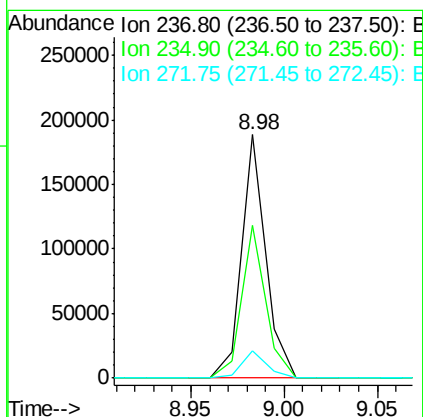
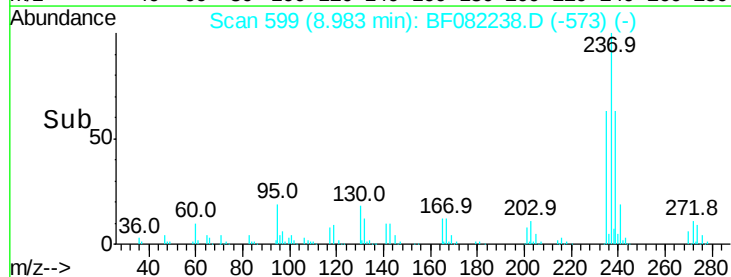
Delta R.T. 0.00 min

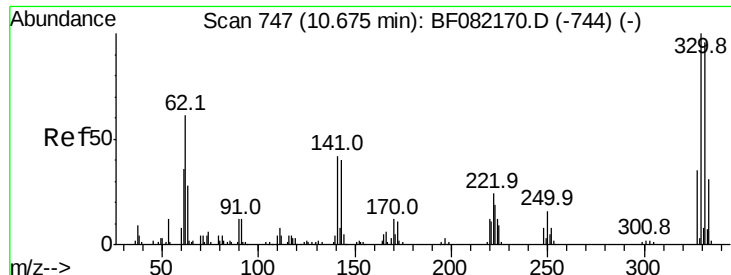
Lab File: BF082238.D

Acq: 13 Oct 2015 2:28



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	169327		
235	62.8	41.7	81.7	
272	11.0	0.0	32.8	





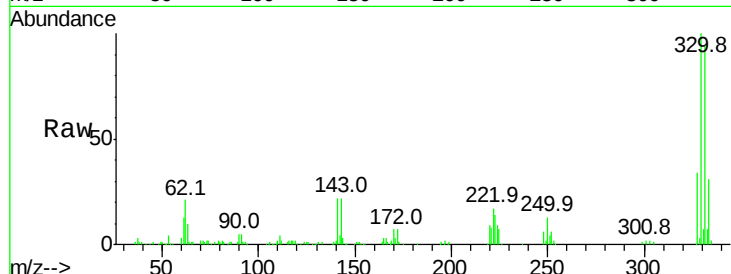
#41
 2,4,6-Tribromophenol
 Concen: 169.30 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MS

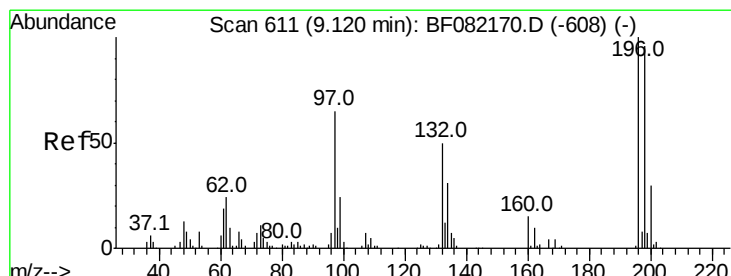
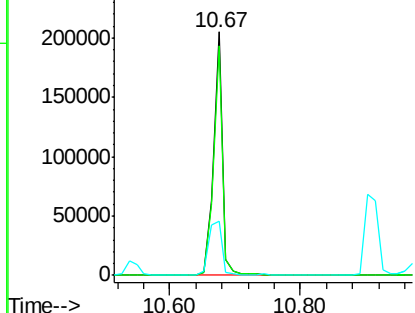
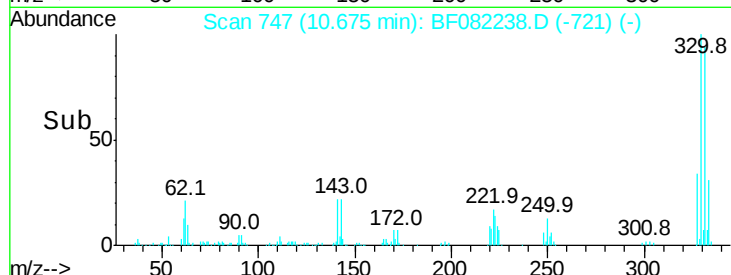
Tot Ion	Ratio	Resp	Lower	Upper
330	100	203107		
332	95.0	77.1	115.7	
141	32.4	29.8	44.8	

Manual Integrations
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MMdadoda
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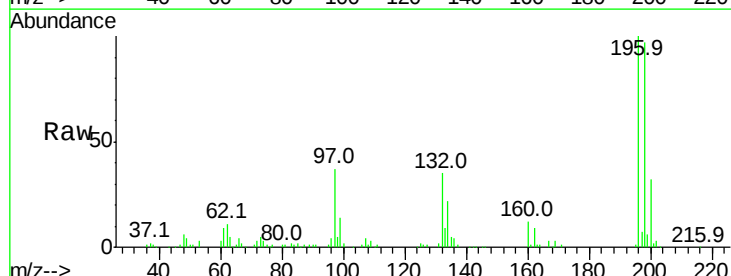


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

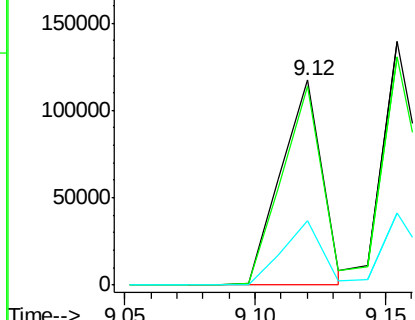
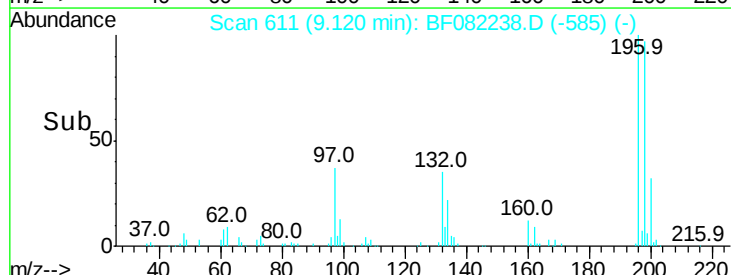


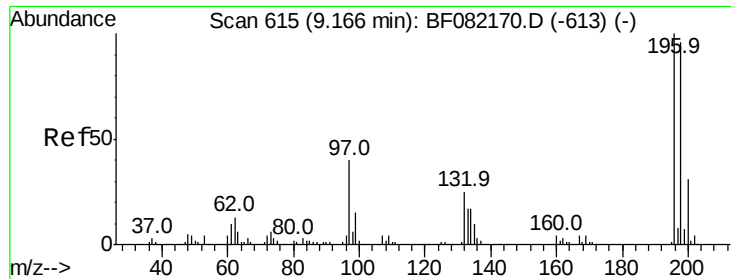
#42
 2,4,6-Trichlorophenol
 Concen: 50.80 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128388		
198	97.1	76.6	115.0	
200	31.6	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





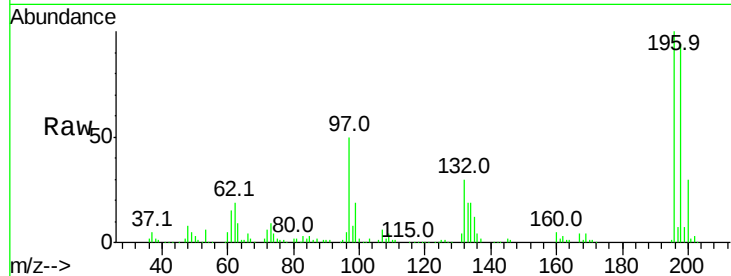
#43
 2,4,5-Trichlorophenol
 Concen: 53.97 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	147761		
198	93.6	77.0	115.4	
97	50.4	31.9	47.9	
132	30.1	20.3	30.5	

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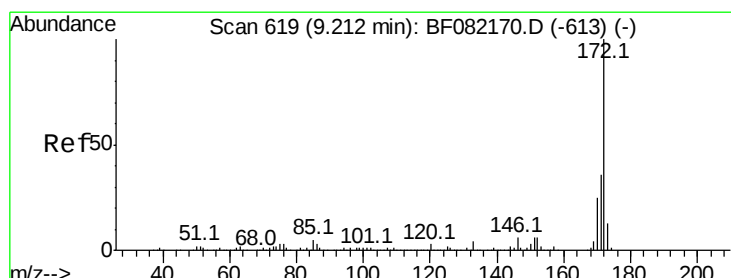
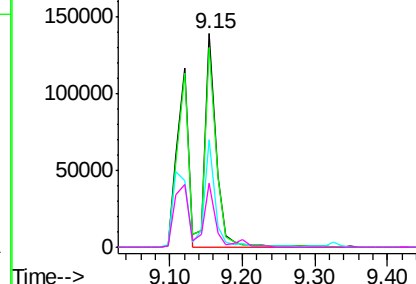
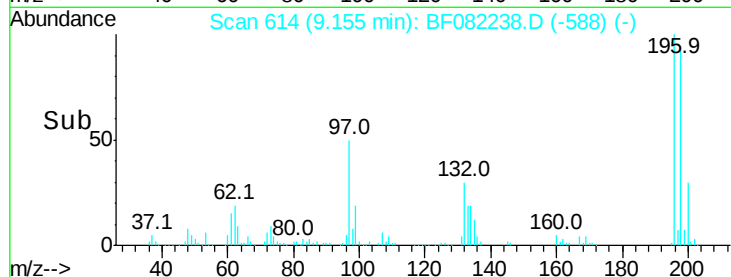
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

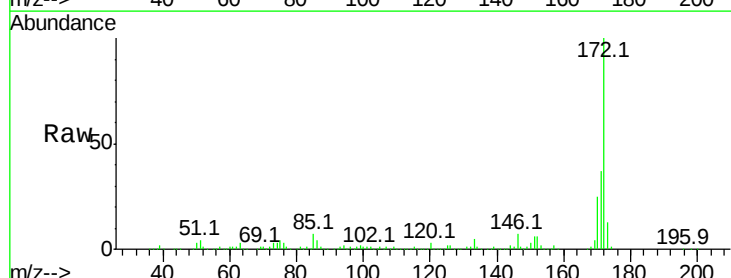
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.37 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	820496		
171	36.6	28.6	42.8	
170	24.6	19.7	29.5	

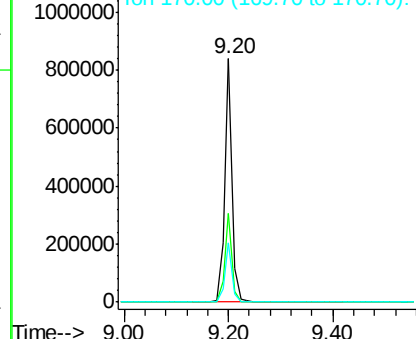
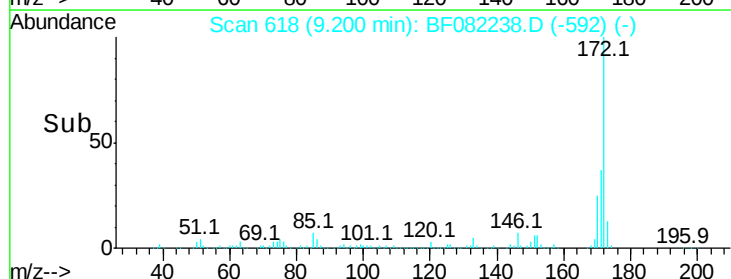


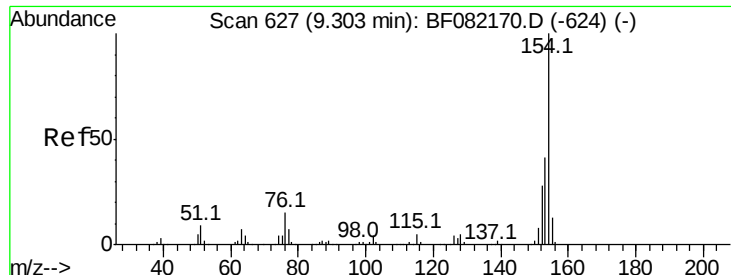
Abundance

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: 56.20 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

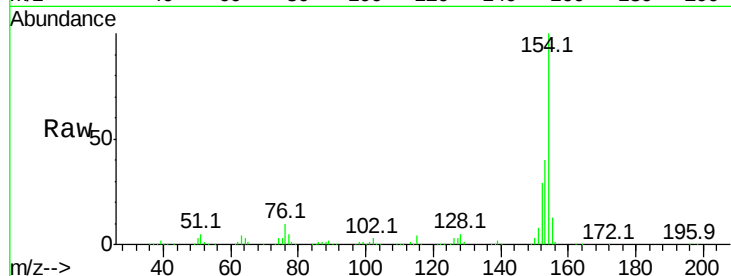
ClientSampleId :

TE-PMW(40)MS

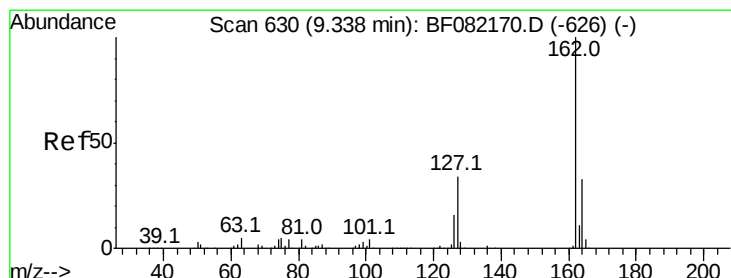
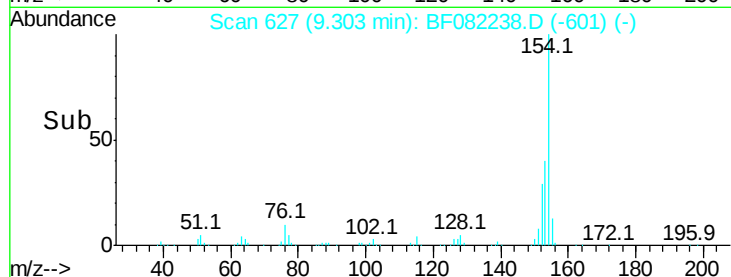
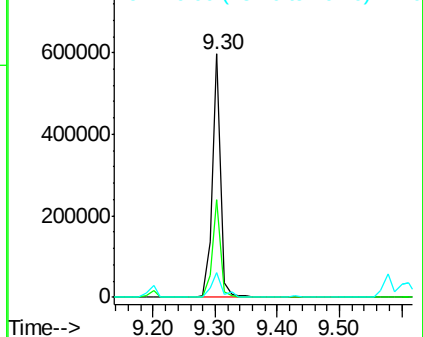
Tot Ion:	154	Resp:	548264
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.6	60.6
76	10.2	0.0	35.2

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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: 54.90 ng

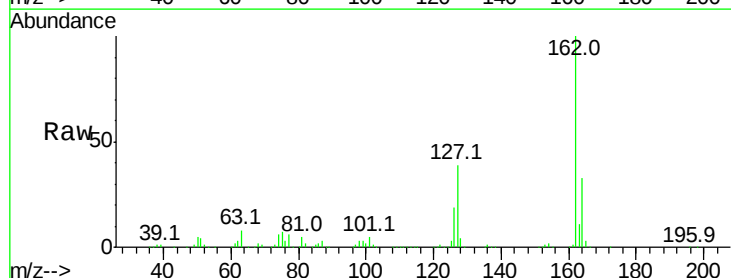
RT: 9.33 min Scan# 629

Delta R.T. 0.00 min

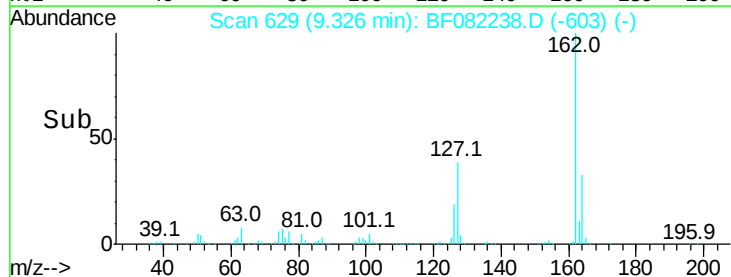
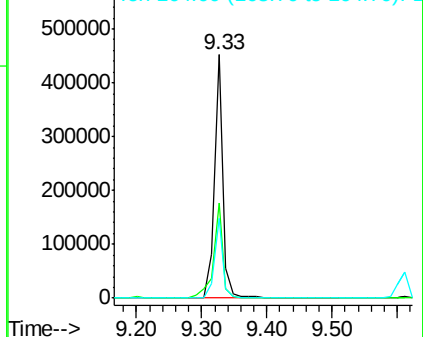
Lab File: BF082238.D

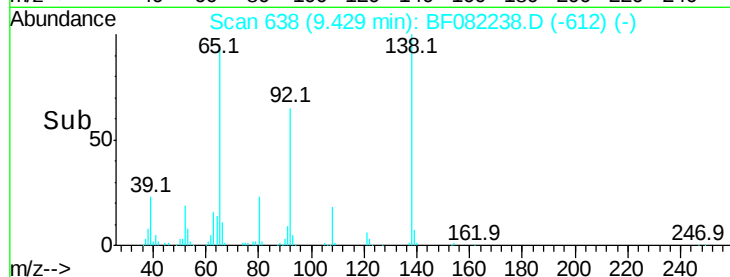
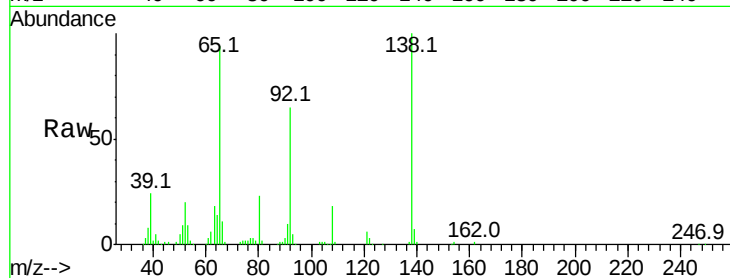
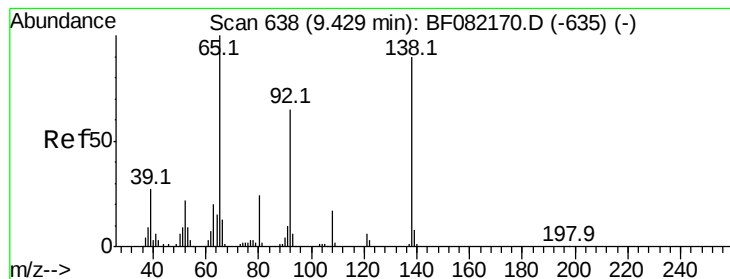
Acq: 13 Oct 2015 2:28

Tgt Ion:	162	Resp:	421629
Ion Ratio	Lower	Upper	
162	100		
127	39.0	27.5	41.3
164	32.6	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: 60.91 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tot Ion	65	Resp	128420
Ion Ratio	Lower	Upper	
65	100		
92	68.5	52.3	78.5
138	106.2	72.2	108.4

Instrument :

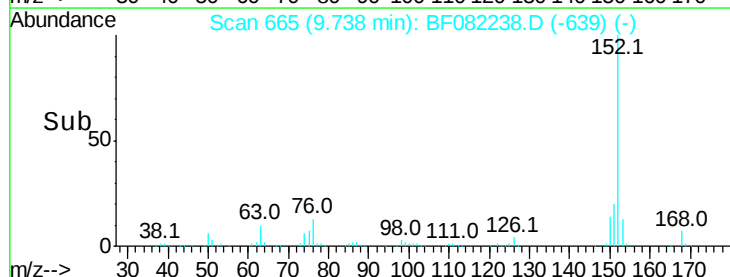
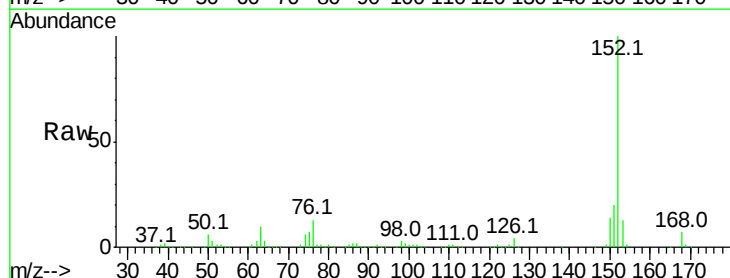
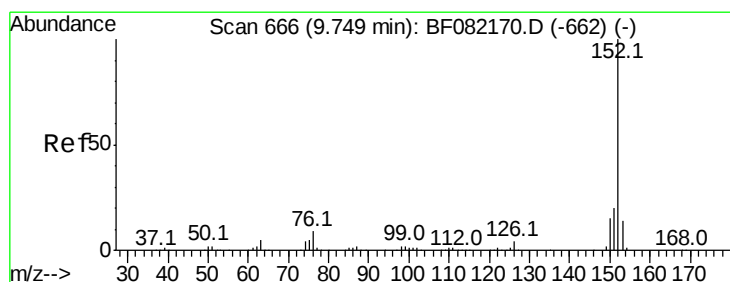
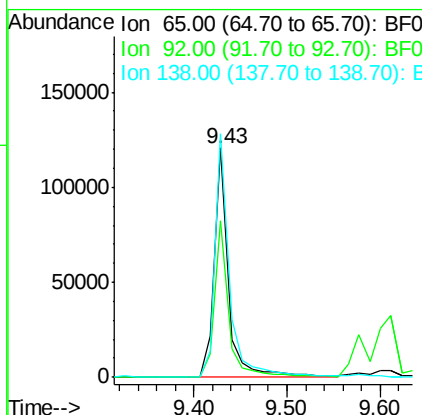
BNA_F

ClientSampleId :

TE-PMW(40)MS

Manual Integrations
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#48

Acenaphthylene

Concen: 52.51 ng

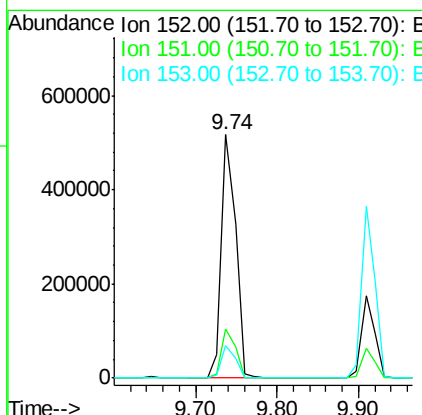
RT: 9.74 min Scan# 665

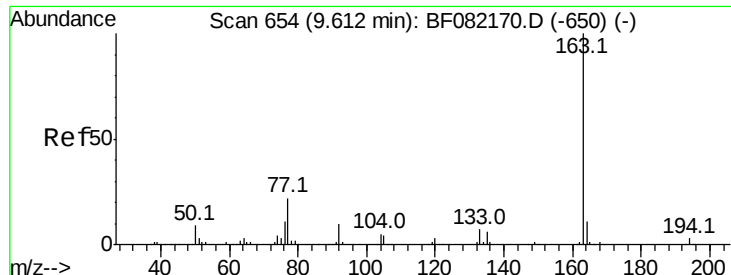
Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion	152	Resp	628133
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.4	24.6
153	13.5	10.8	16.2





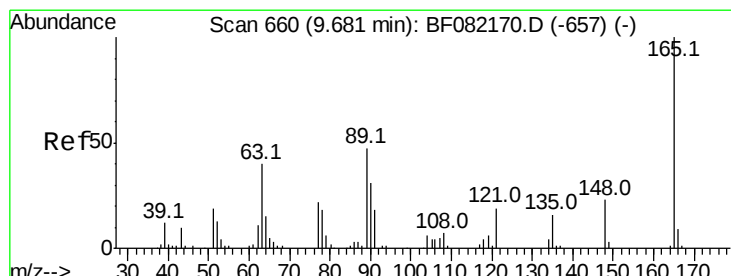
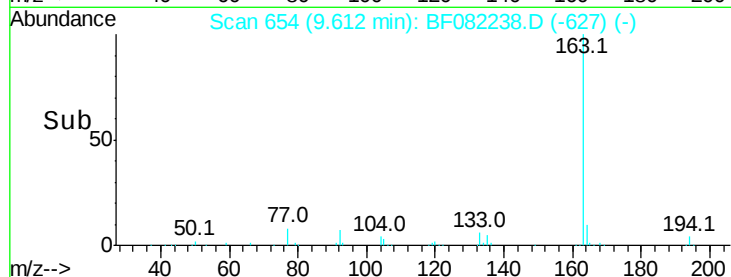
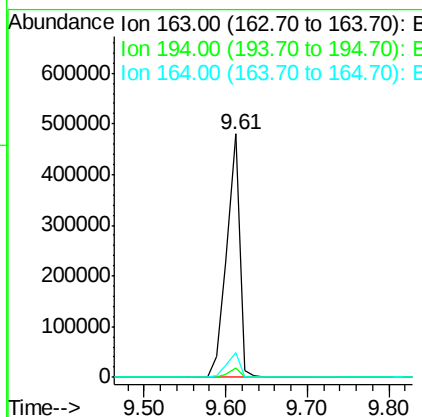
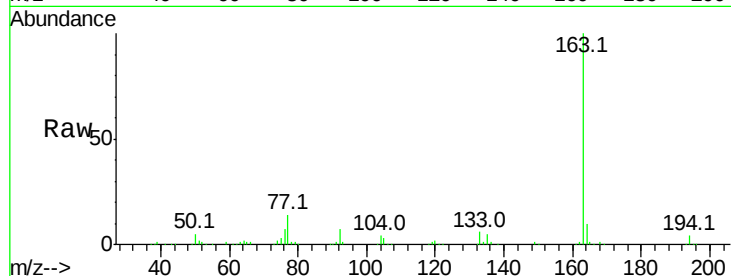
#49
Dimethylphthalate
Concen: 58.59 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.0	8.5	12.7

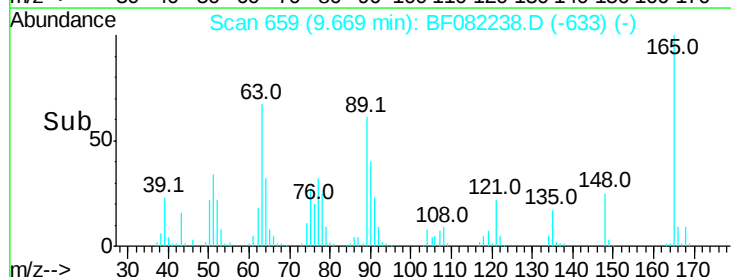
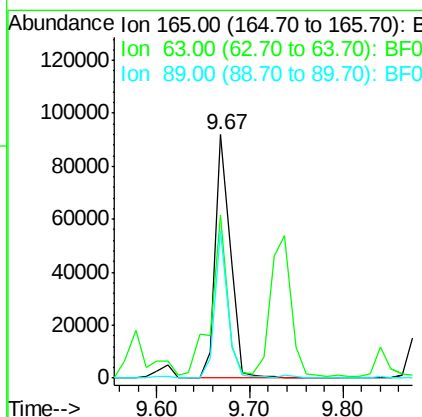
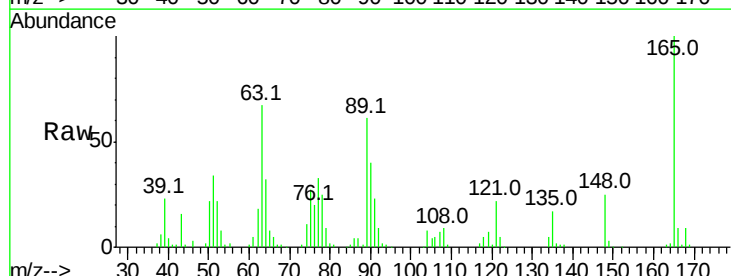
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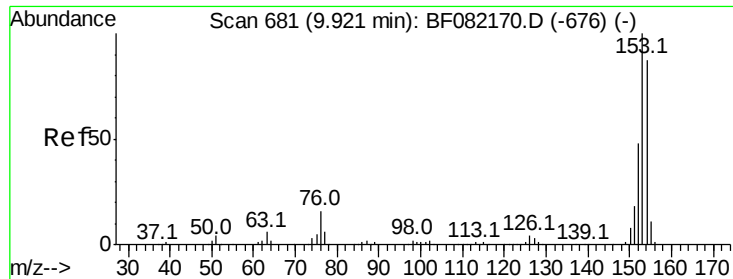
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#50
2,6-Dinitrotoluene
Concen: 54.32 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	67.0	36.7	55.1#
89	60.5	37.8	56.6#





#51

Acenaphthene

Concen: 52.71 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

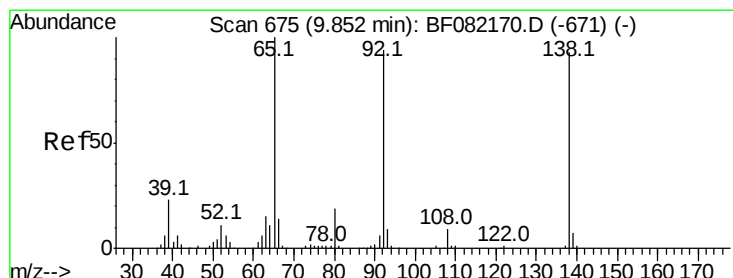
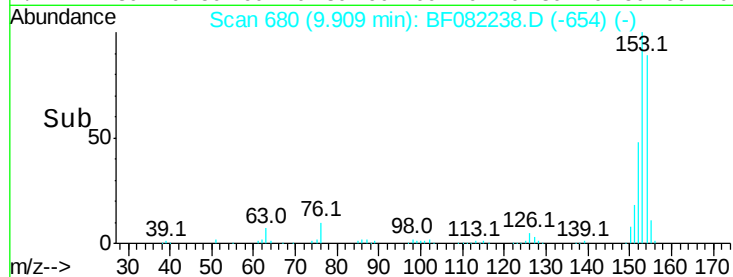
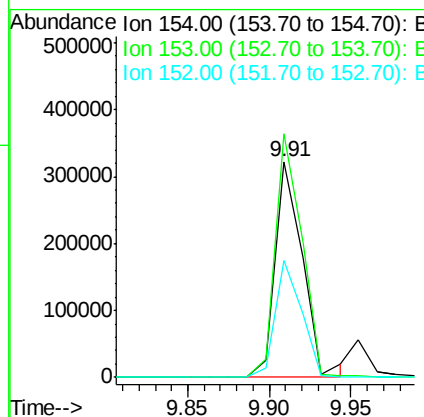
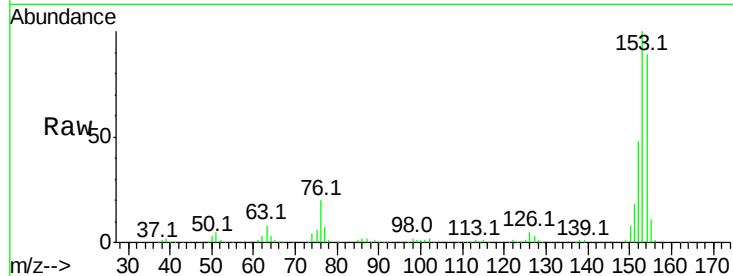
ClientSampleId :

TE-PMW(40)MS

Tot Ion:	154	Resp:	378526
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.4	137.2
152	53.9	44.3	66.5

Manual Integrations
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#52

3-Nitroaniline

Concen: 33.46 ng

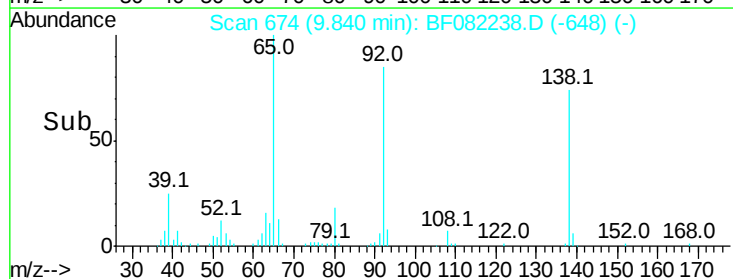
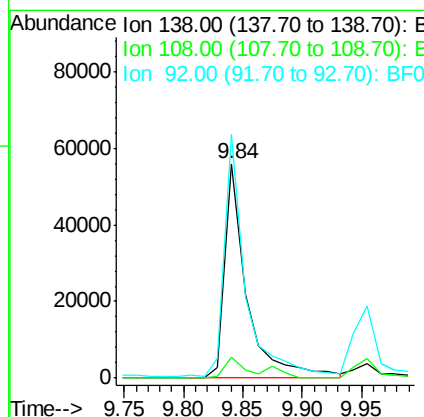
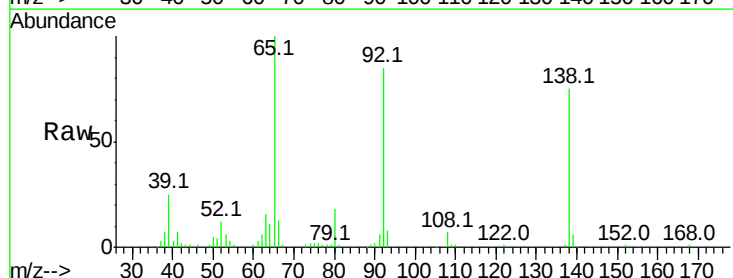
RT: 9.84 min Scan# 674

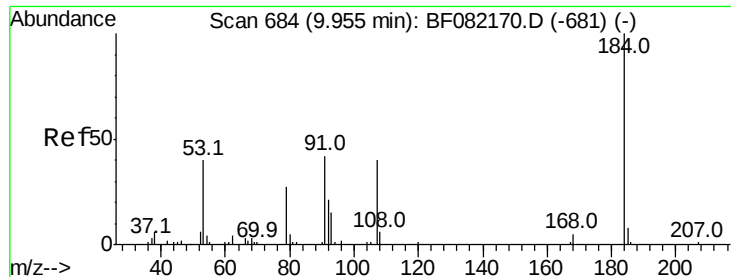
Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	138	Resp:	71843
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.4	11.0
92	113.7	81.3	121.9





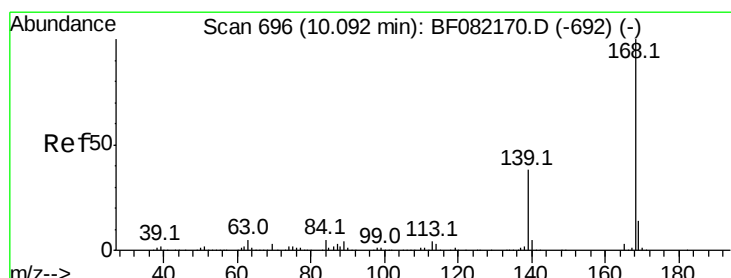
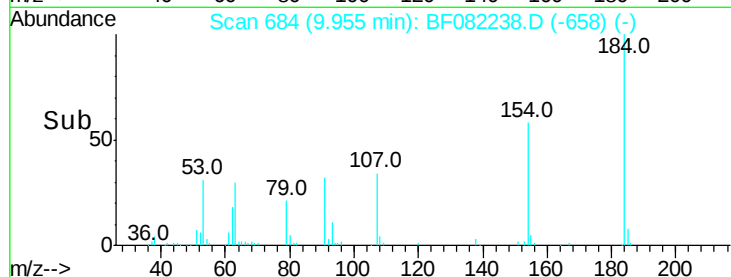
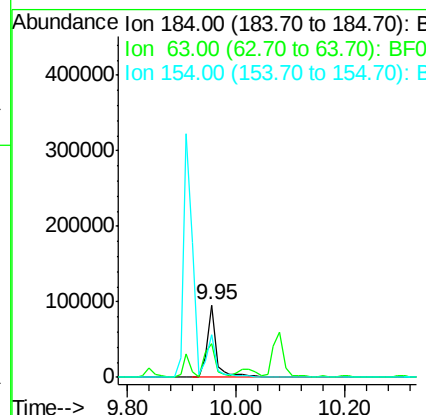
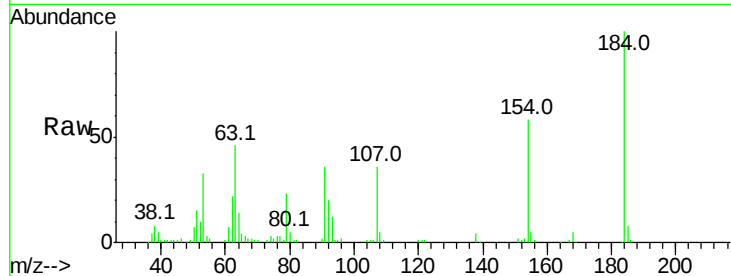
#53
 2,4-Dinitrophenol
 Concen: 106.42 ng
 RT: 9.95 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	46.2	45.1	67.7	
154	58.1	51.2	76.8	

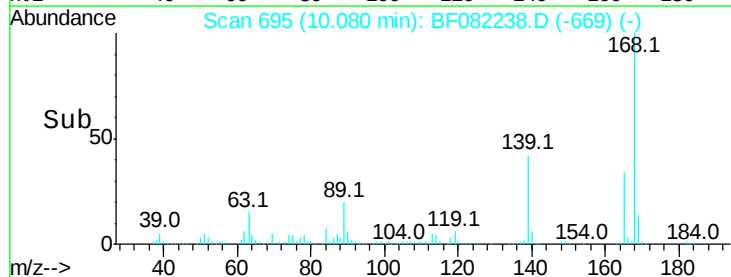
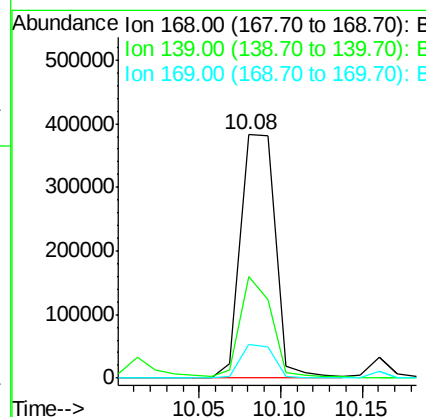
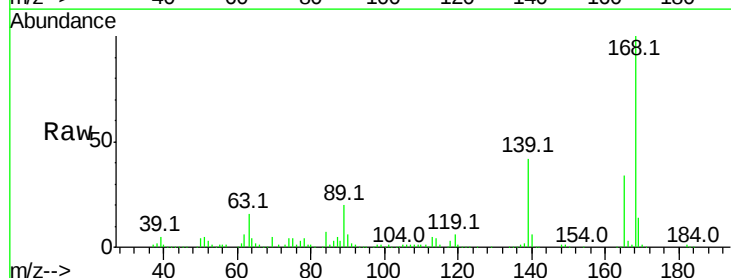
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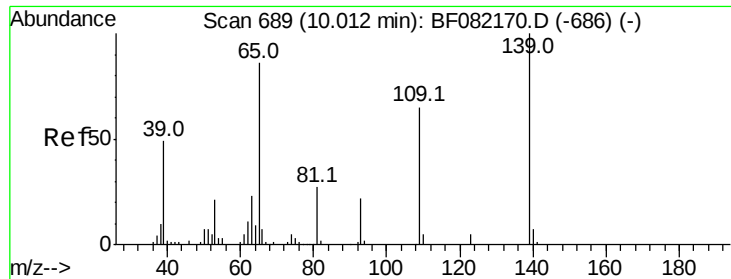
MMdadoda
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#54
 Dibenzofuran
 Concen: 57.11 ng
 RT: 10.08 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.7	31.0	46.6	
169	13.9	10.9	16.3	





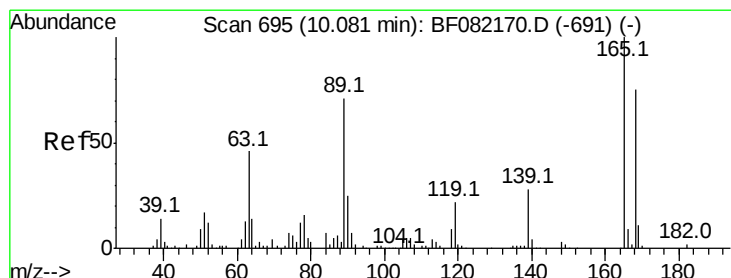
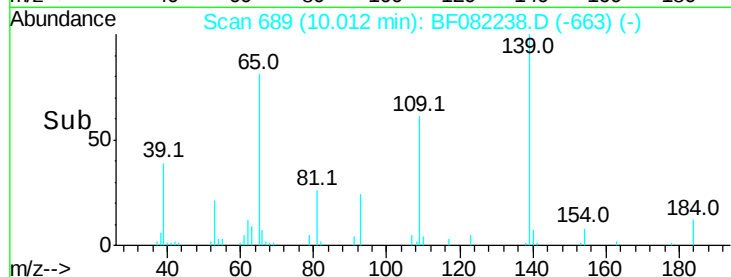
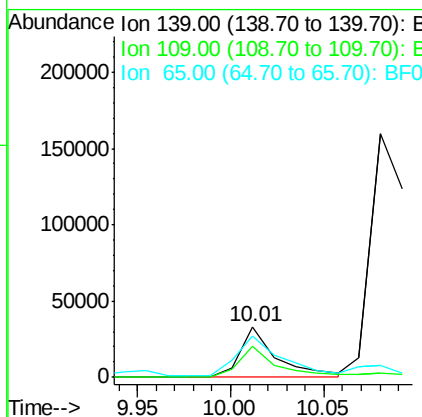
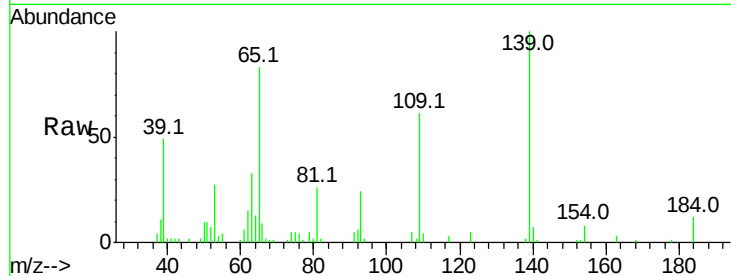
#55
4-Nitrophenol
Concen: 38.77 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.8	44.8	84.8
65	82.8	67.7	107.7

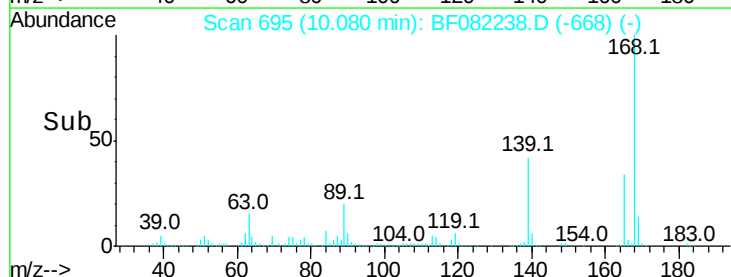
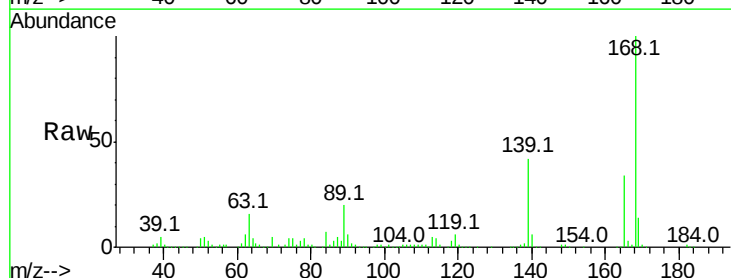
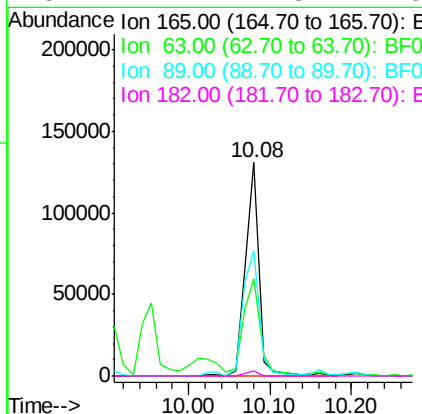
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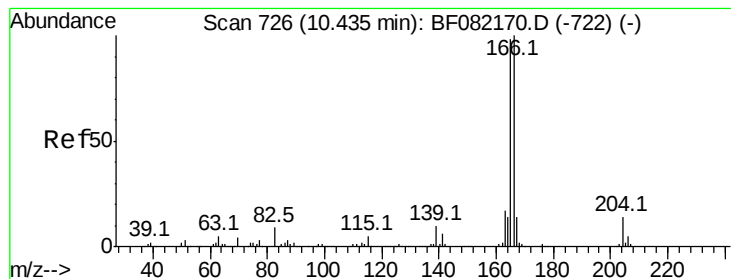
MMdadoda
10/13/2015 1:25:05 PM



#56
2,4-Dinitrotoluene
Concen: 63.56 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	38.6	58.0
89	58.4	57.0	85.6
182	2.2	1.8	2.6





#57

Fluorene

Concen: 54.50 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

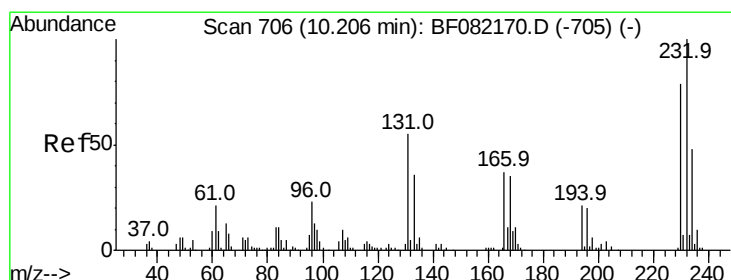
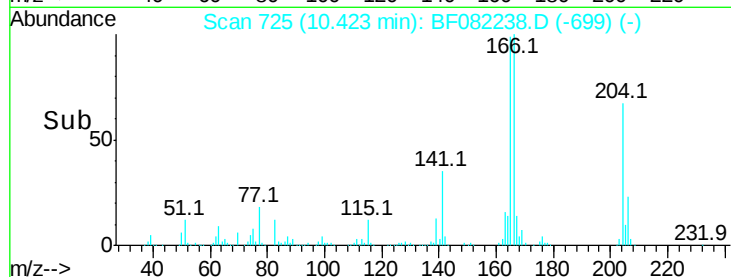
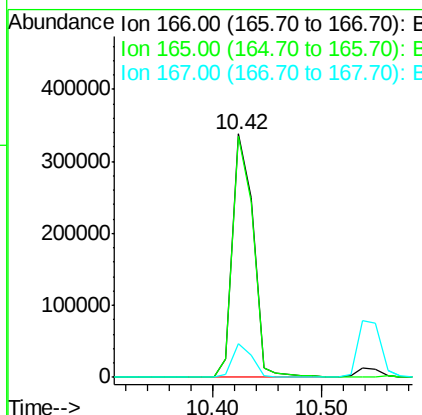
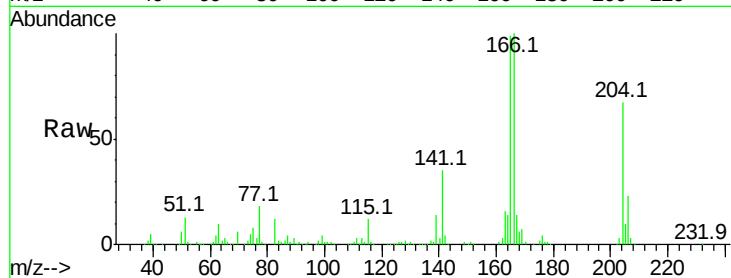
ClientSampleId :

TE-PMW(40)MS

Manual Integrations
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10/13/2015 1:25:05 PM

Tot Ion:	166	Resp:	441375
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.3	117.5
167	13.8	10.8	16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.75 ng

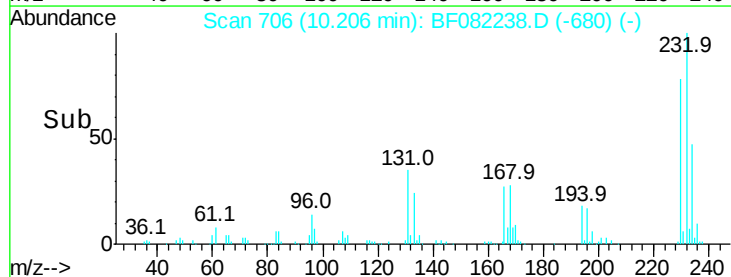
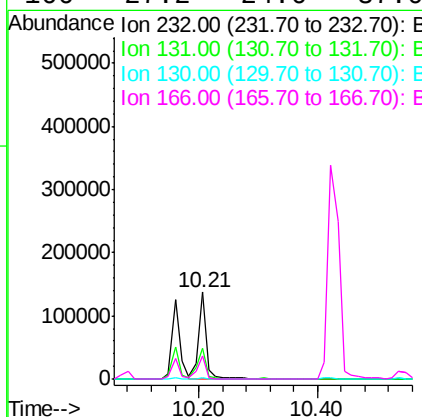
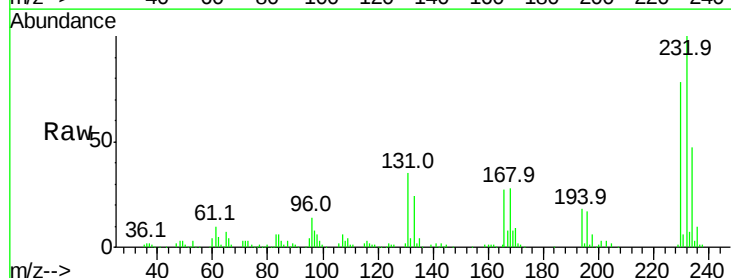
RT: 10.21 min Scan# 706

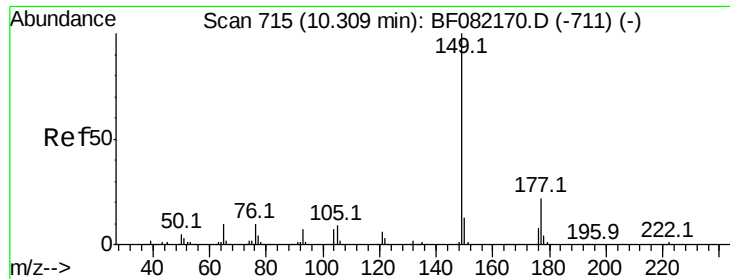
Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	232	Resp:	133643
Ion Ratio	Lower	Upper	
232	100		
131	39.2	36.6	54.8
130	1.7	1.5	2.3
166	27.2	24.6	37.0





#59

Diethylphthalate

Concen: 59.76 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

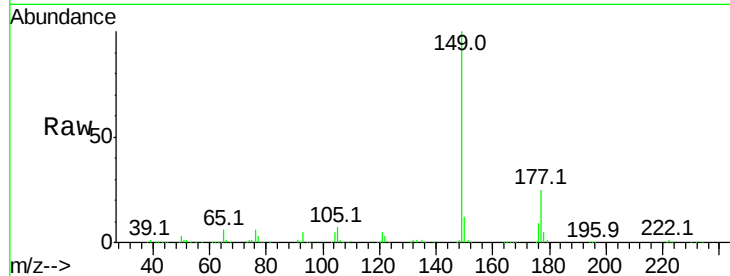
ClientSampleId :

TE-PMW(40)MS

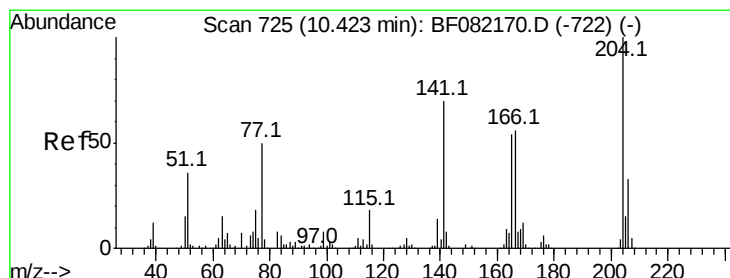
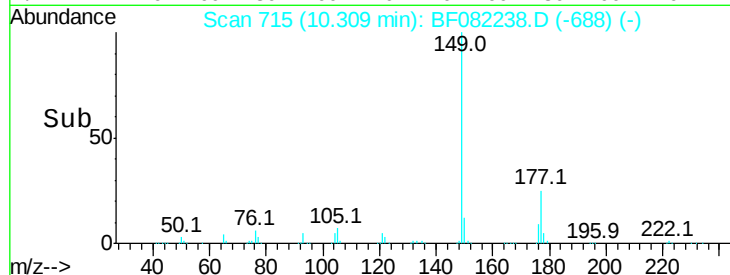
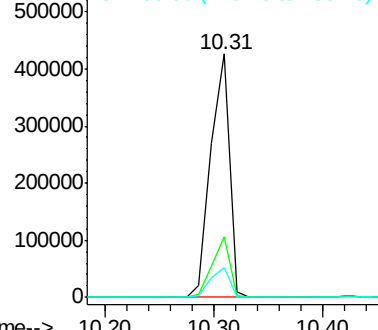
Tot Ion:	149	Resp:	501759
Ion Ratio	Lower	Upper	
149	100		
177	24.7	17.6	26.4
150	12.3	10.3	15.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 60.21 ng

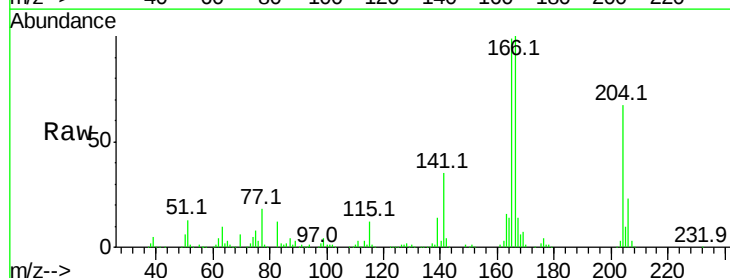
RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

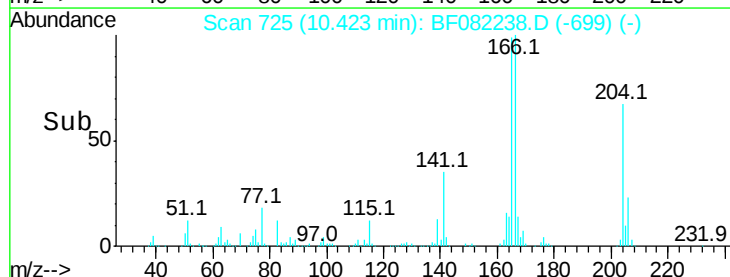
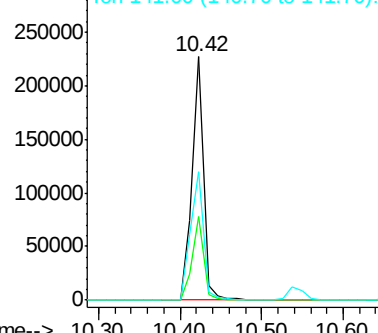
Lab File: BF082238.D

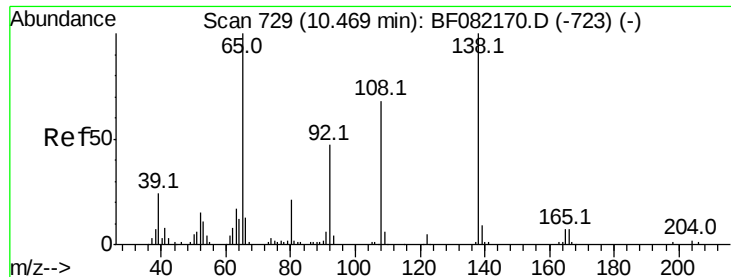
Acq: 13 Oct 2015 2:28

Tgt Ion:	204	Resp:	223350
Ion Ratio	Lower	Upper	
204	100		
206	34.4	26.8	40.2
141	52.6	56.1	84.1#



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





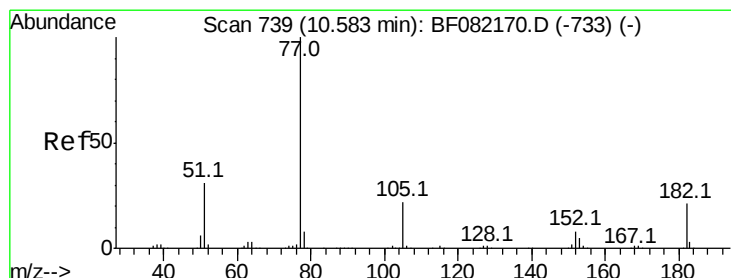
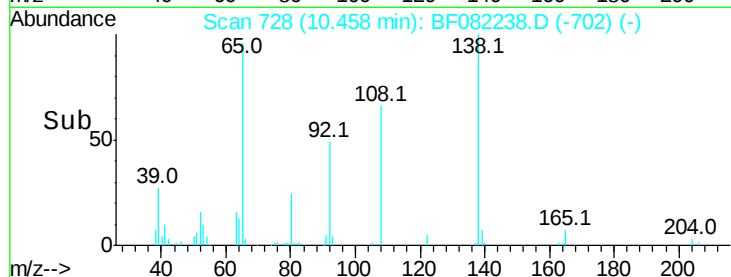
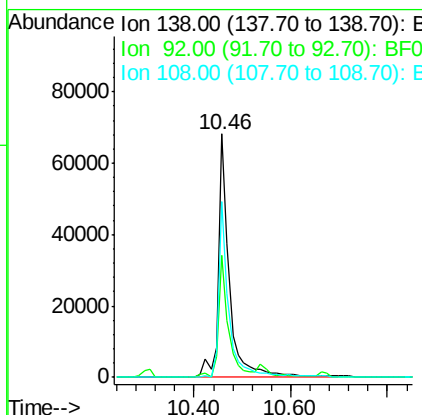
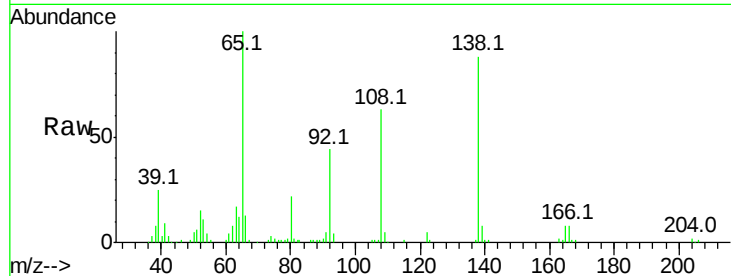
#61
4-Nitroaniline
Concen: 53.17 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.0	26.8	66.8
108	72.0	48.4	88.4

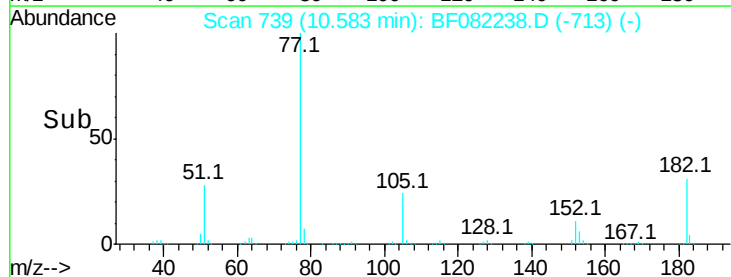
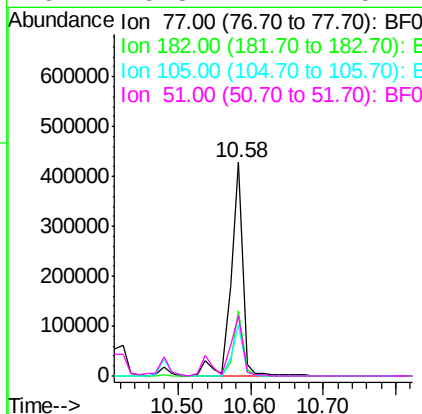
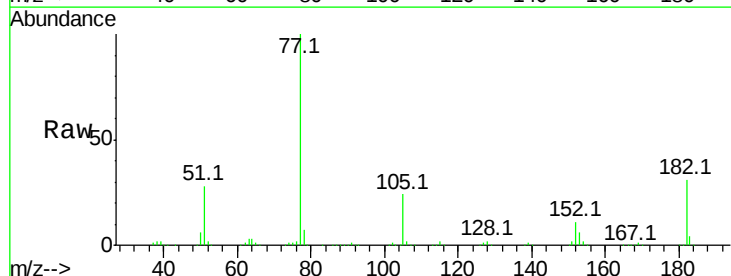
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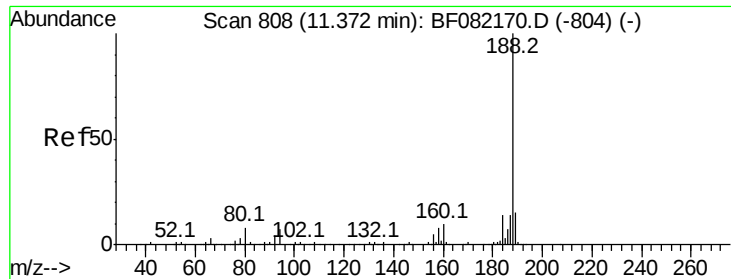
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#62
Azobenzene
Concen: 58.35 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.8	0.5	40.5
105	24.1	1.8	41.8
51	28.3	11.2	51.2





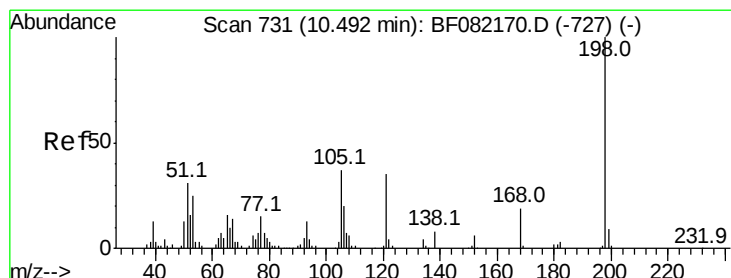
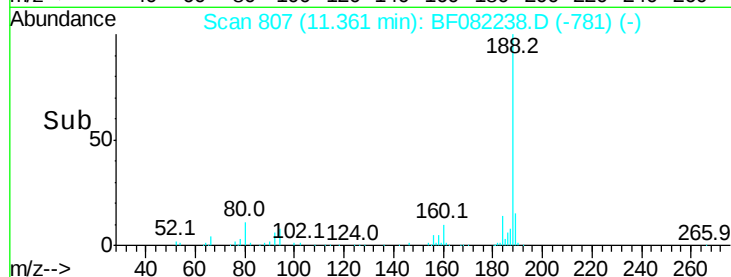
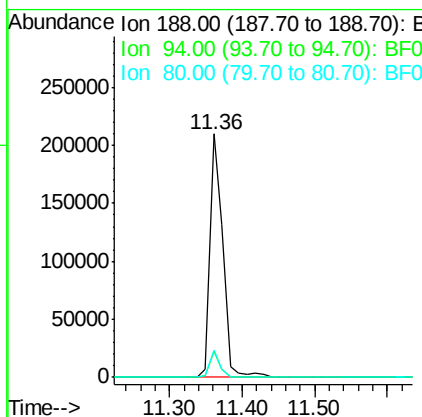
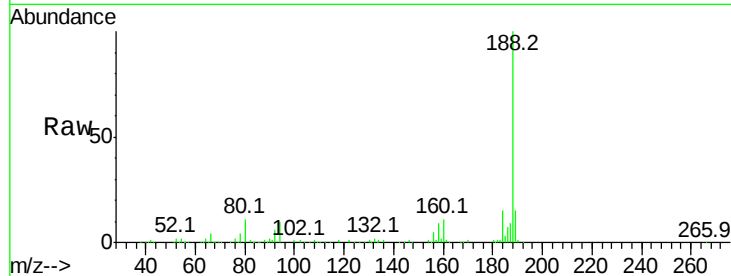
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	5.8	8.6#
80	11.2	6.4	9.6#

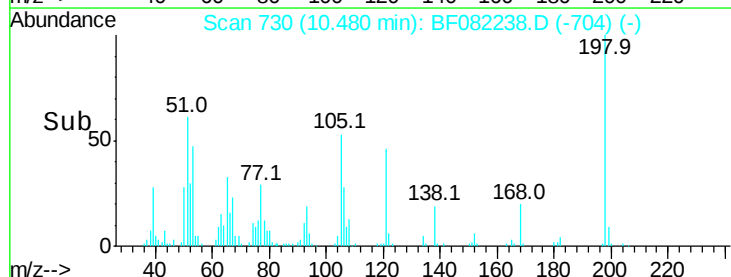
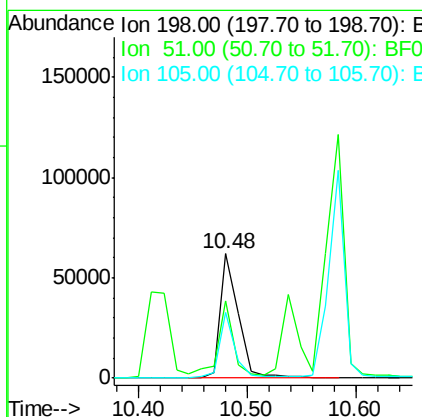
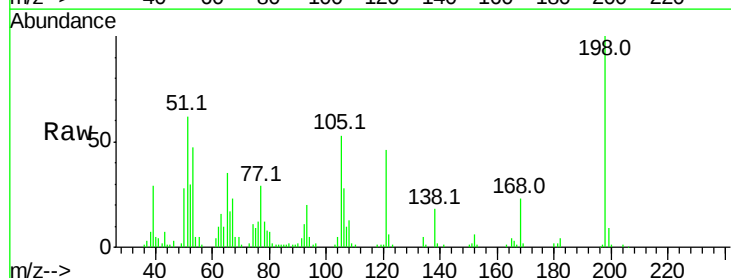
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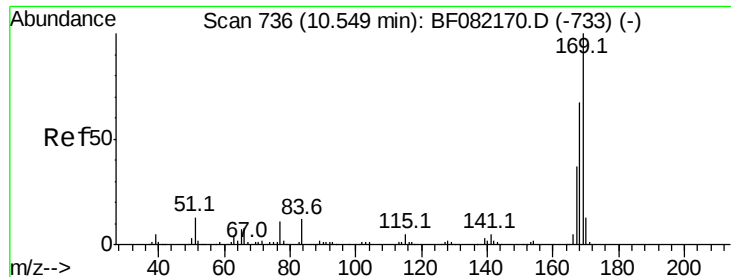
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.44 ng
RT: 10.48 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	61.6	13.6	53.6#
105	52.7	17.1	57.1





#65

n-Nitrosodiphenylamine

Concen: 41.10 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

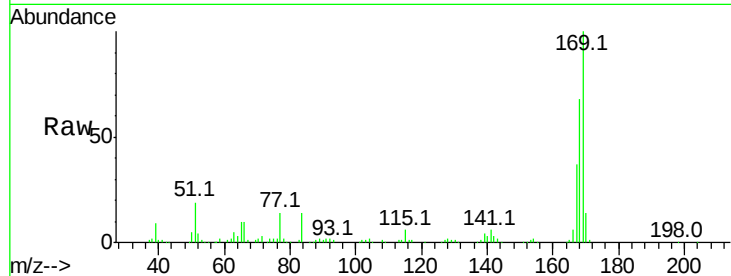
ClientSampleId :

TE-PMW(40)MS

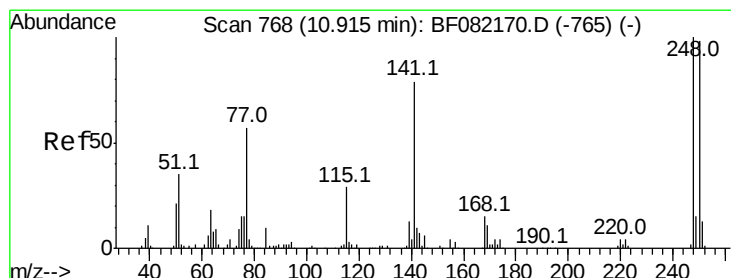
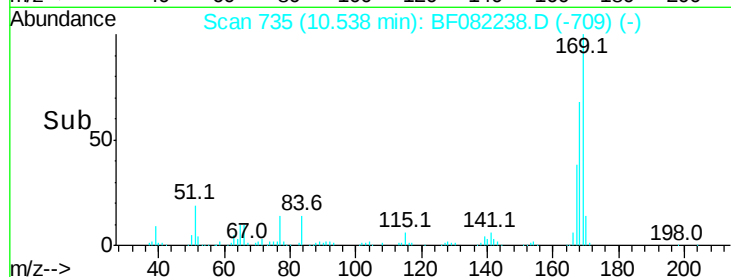
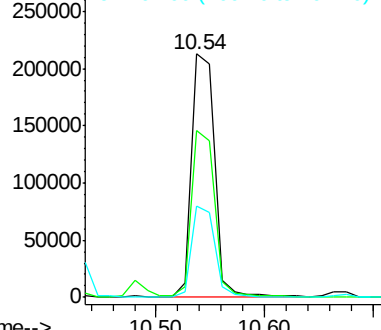
Tot Ion:	169	Resp:	315203
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.0	81.0
167	37.5	29.6	44.4

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



#66

4-Bromophenyl-phenylether

Concen: 54.79 ng

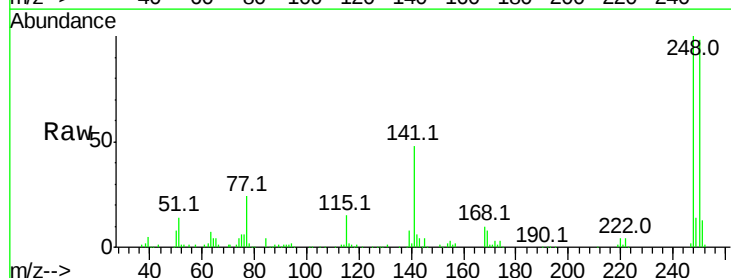
RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

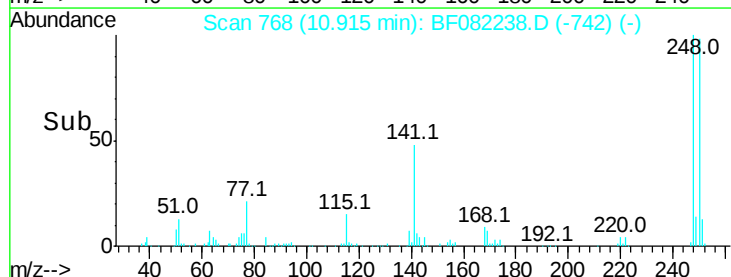
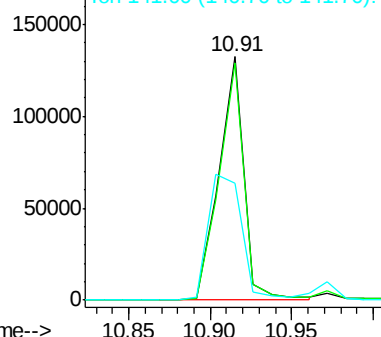
Lab File: BF082238.D

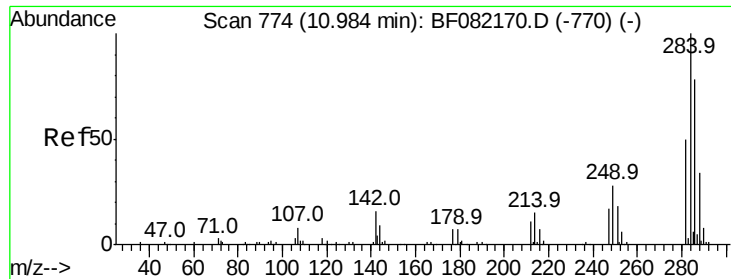
Acq: 13 Oct 2015 2:28

Tgt Ion:	248	Resp:	140448
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.6	117.8
141	47.8	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: 53.10 ng

RT: 10.97 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

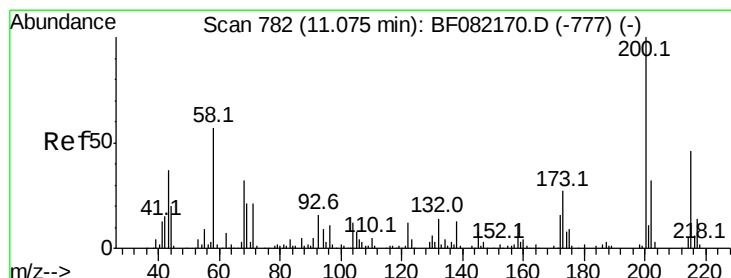
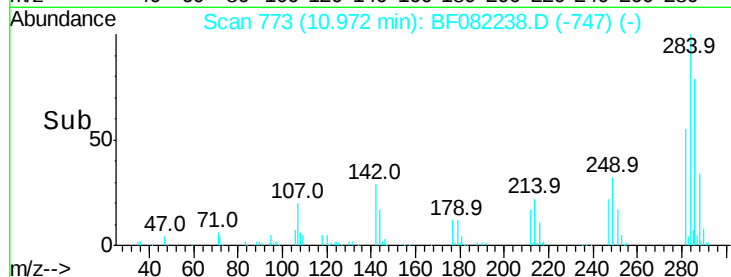
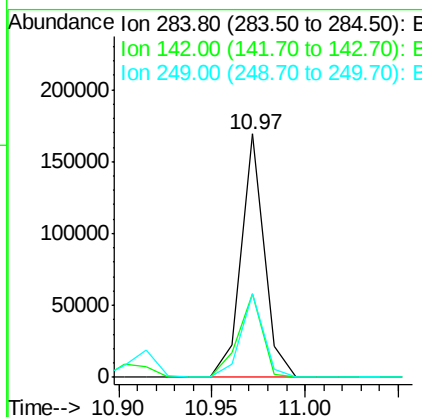
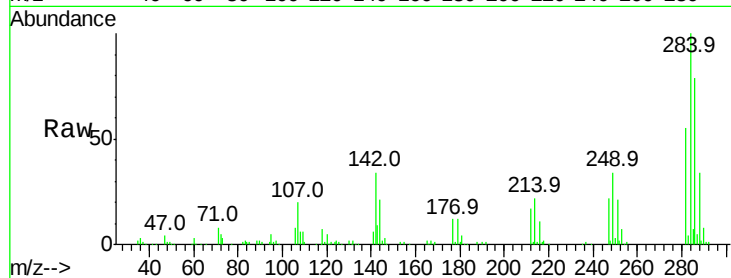
ClientSampleId :

TE-PMW(40)MS

Tot Ion:	284	Resp:	147195
Ion Ratio	Lower	Upper	
284	100		
142	34.2	13.0	19.6#
249	34.3	22.5	33.7#

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#68

Atrazine

Concen: 61.75 ng

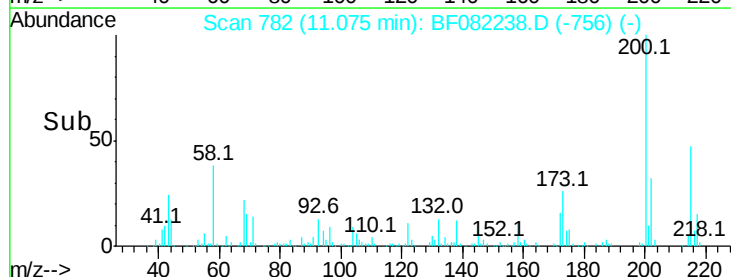
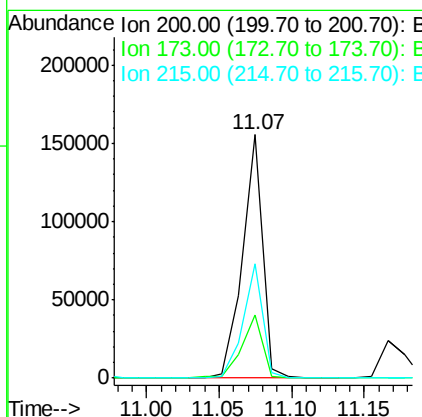
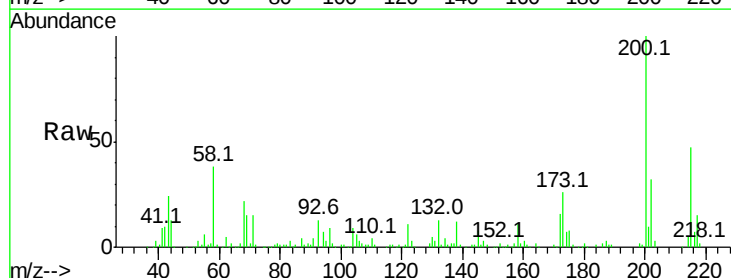
RT: 11.07 min Scan# 782

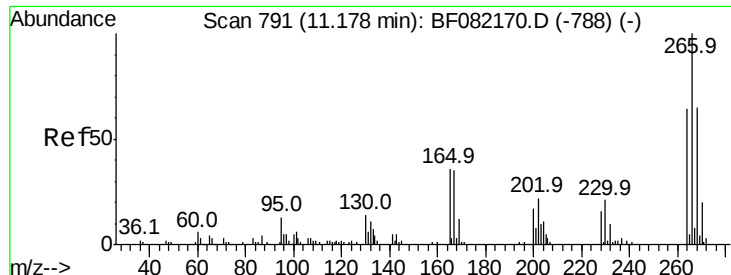
Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	200	Resp:	150028
Ion Ratio	Lower	Upper	
200	100		
173	25.8	7.3	47.3
215	47.2	26.2	66.2





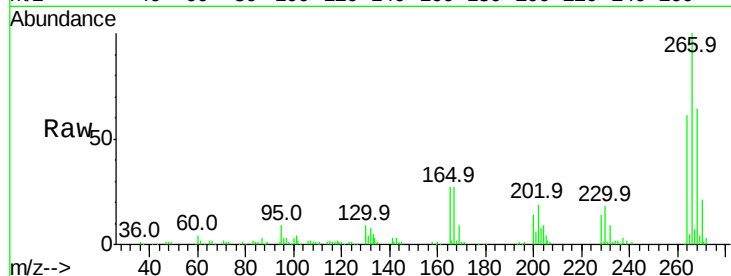
#69
 Pentachlorophenol
 Concen: 110.37 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MS

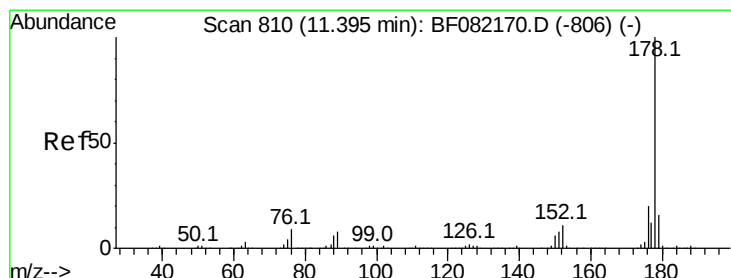
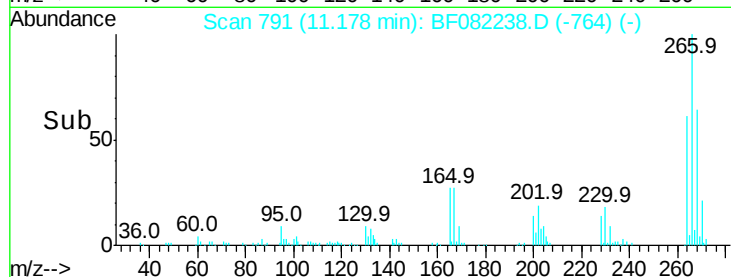
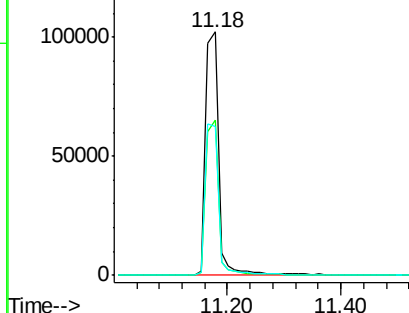
Tot Ion	Ratio	Resp	Lower	Upper
266	100	157445		
268	63.8	52.0	78.0	
264	61.2	51.4	77.0	

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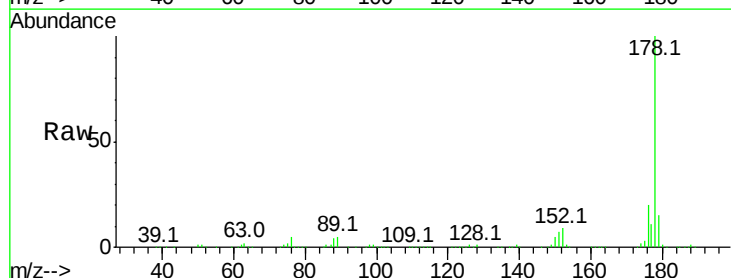


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

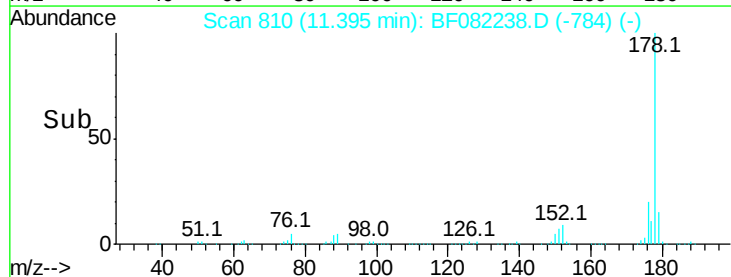
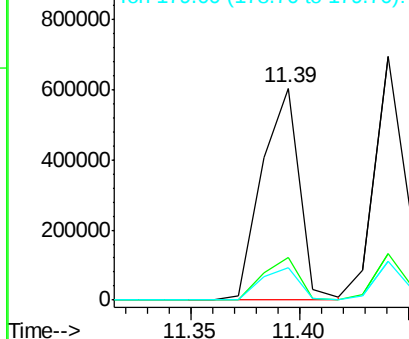


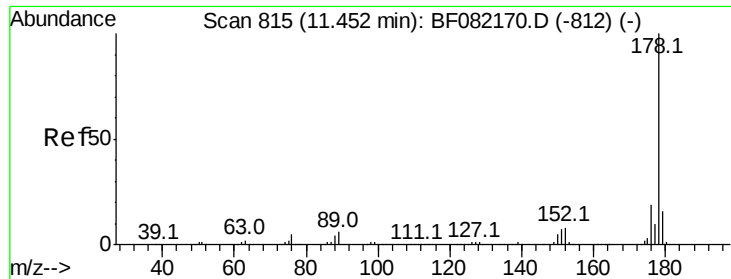
#70
 Phenanthrene
 Concen: 58.15 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	730087		
176	19.9	16.0	24.0	
179	15.5	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





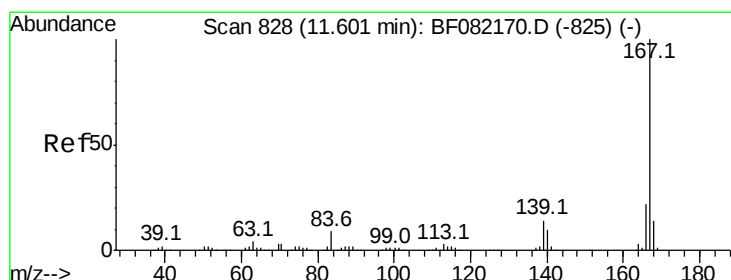
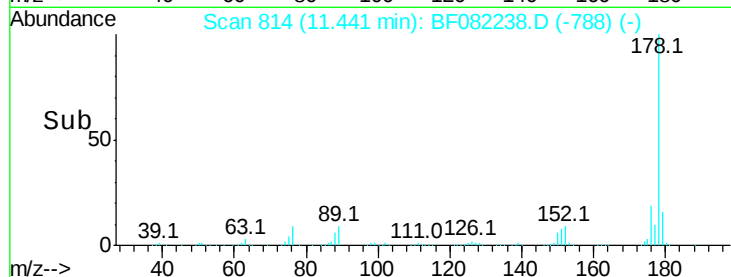
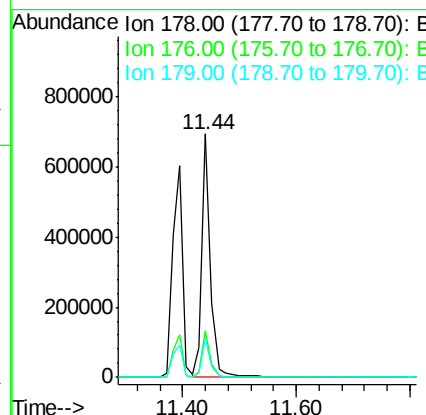
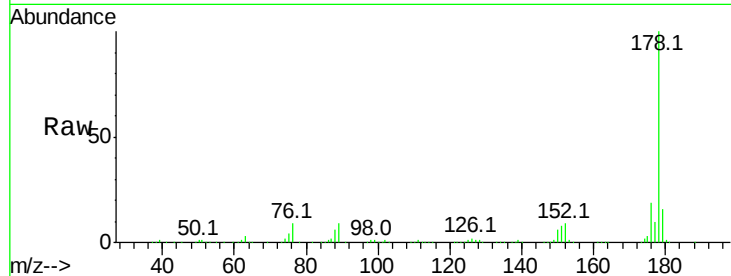
#71
 Anthracene
 Concen: 56.29 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	16.2	12.5	18.7

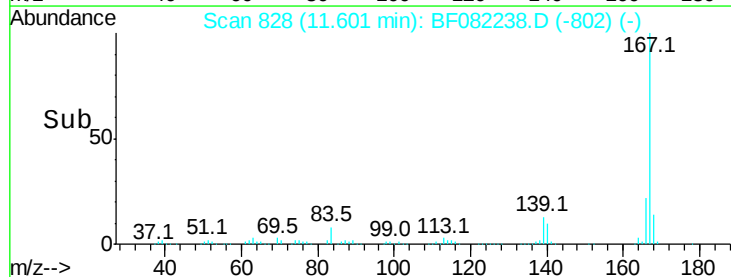
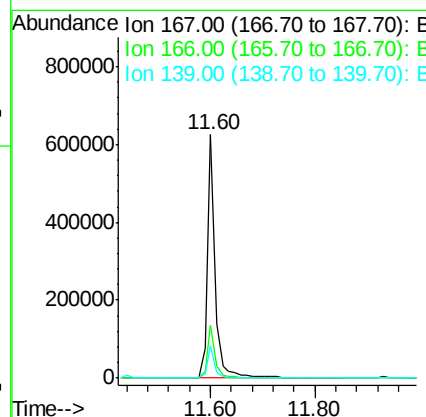
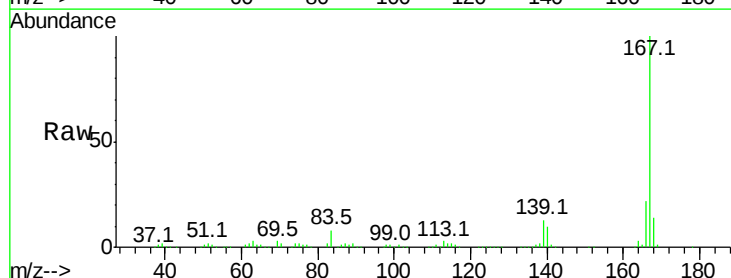
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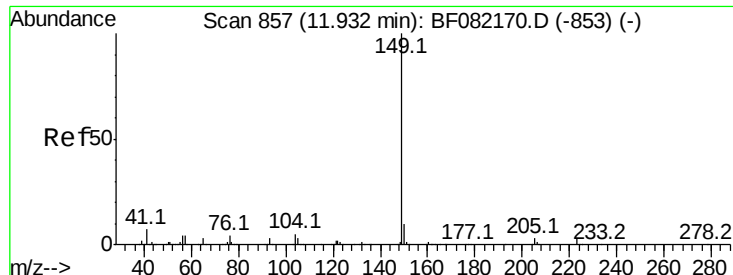
MMdadoda
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#72
 Carbazole
 Concen: 55.71 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 55.61 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

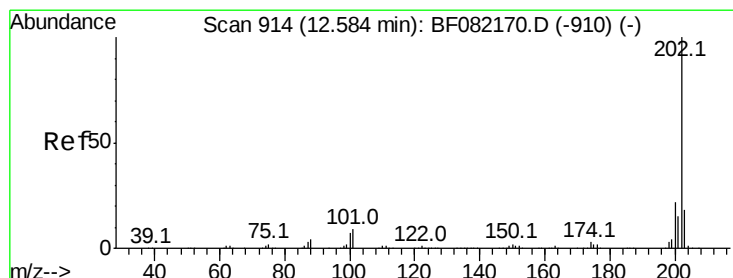
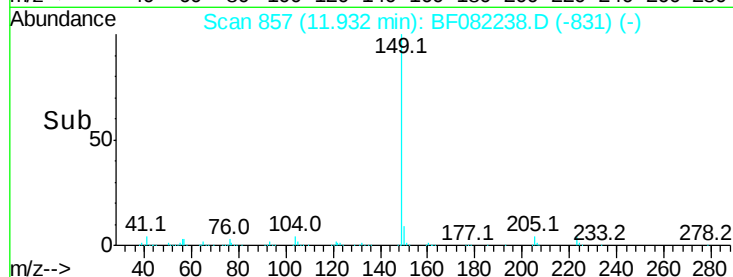
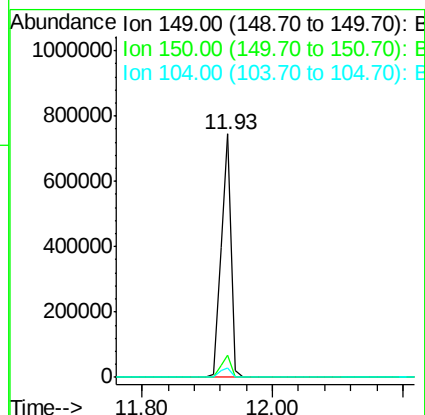
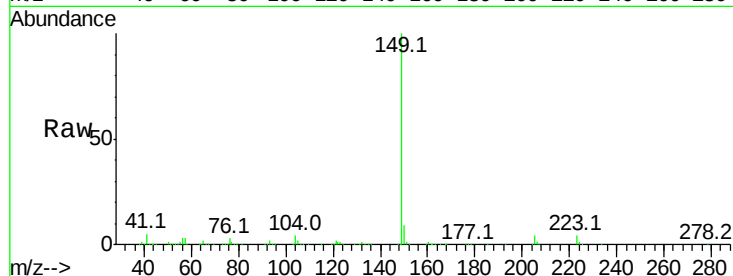
ClientSampleId :

TE-PMW(40)MS

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Tot Ion:	149	Resp:	809620
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.0	3.8	5.8



#74

Fluoranthene

Concen: 59.48 ng

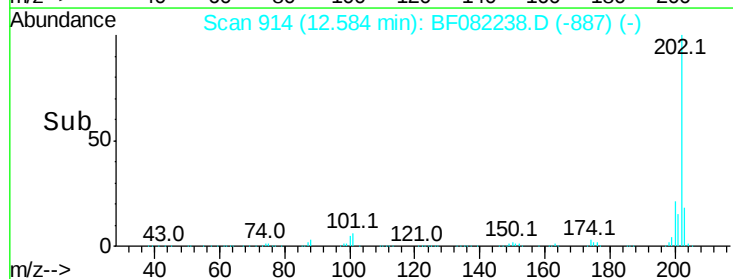
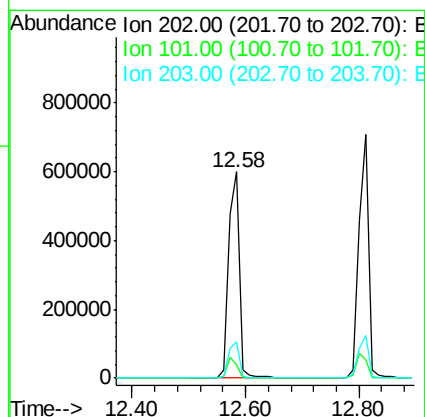
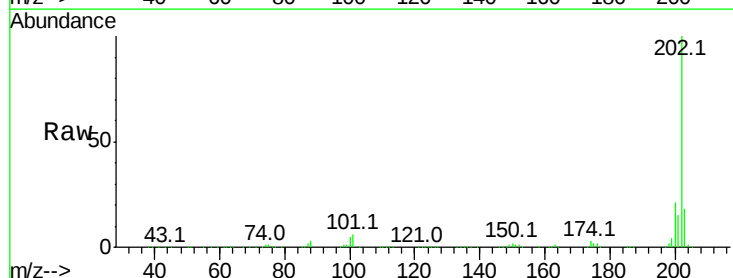
RT: 12.58 min Scan# 914

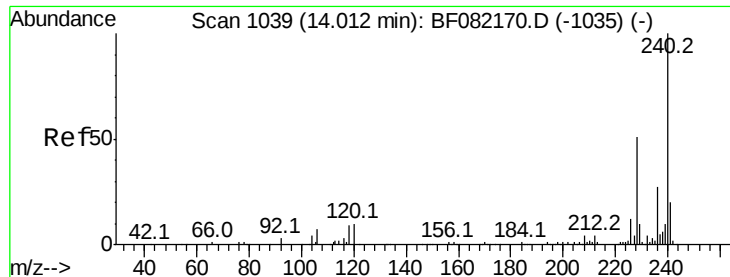
Delta R.T. 0.01 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	202	Resp:	802030
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	29.3
203	17.7	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: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

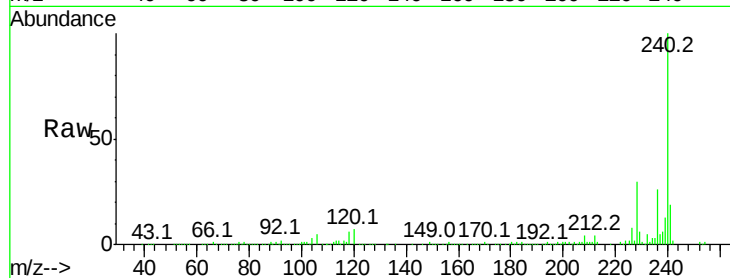
ClientSampleId :

TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	8.1	12.1#
236	26.1	21.3	31.9

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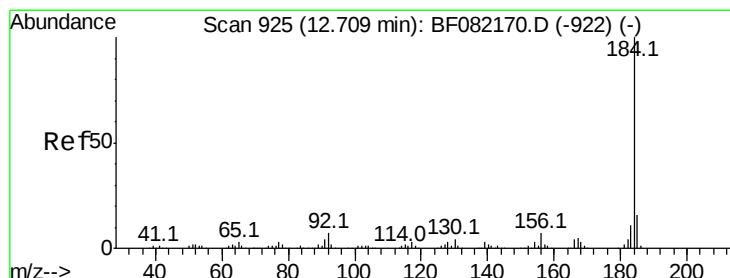
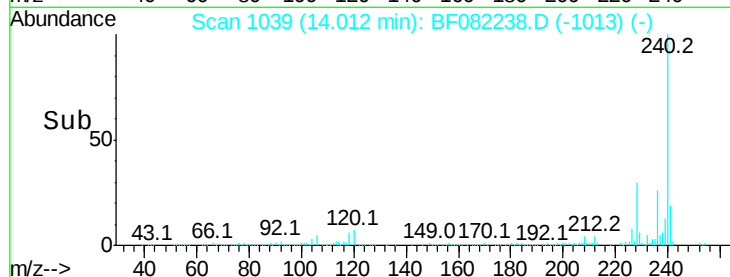
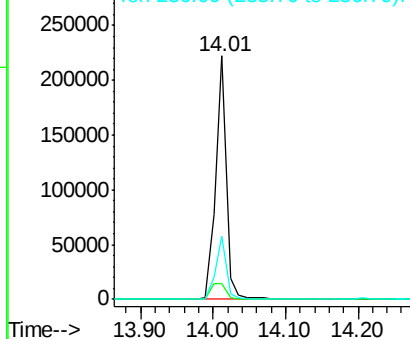
MMdadoda
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.87 ng

RT: 12.71 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF082238.D

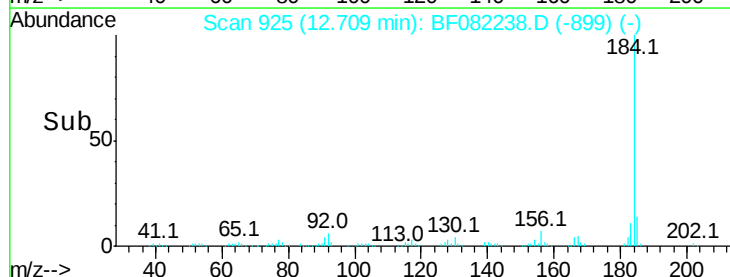
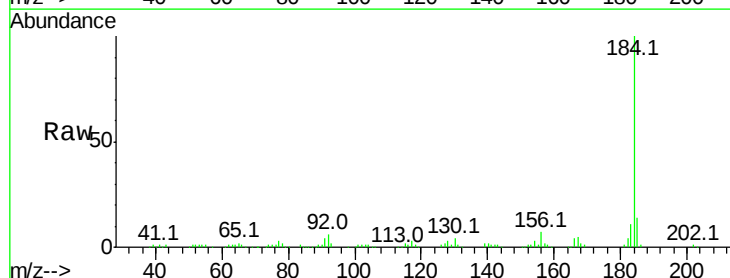
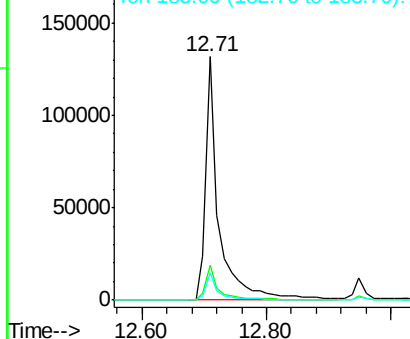
Acq: 13 Oct 2015 2:28

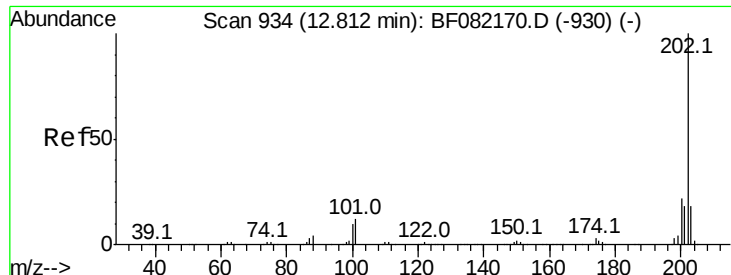
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.5	18.7
183	11.1	9.1	13.7

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





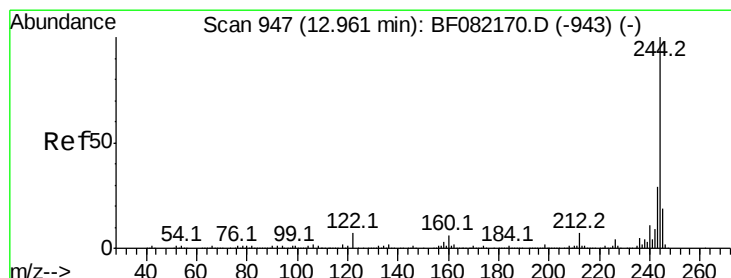
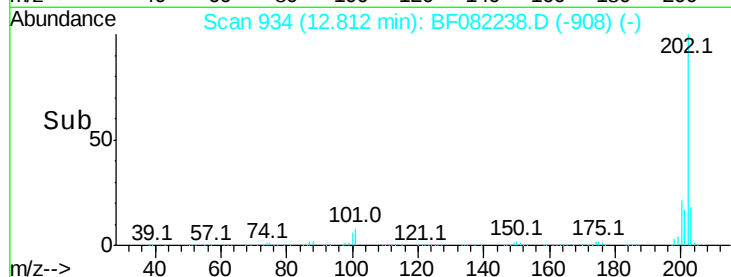
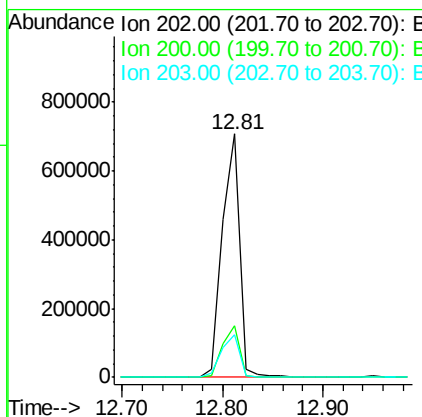
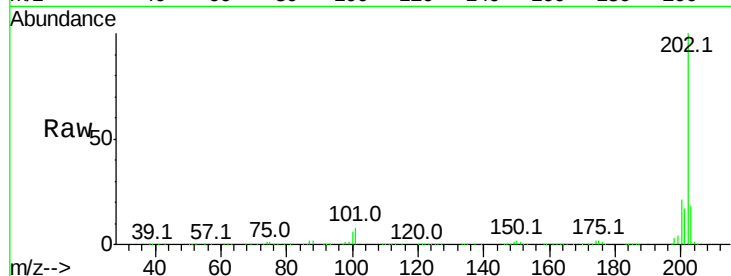
#77
 Pvrene
 Concen: 62.17 ng
 RT: 12.81 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.9	26.9
203	17.5	14.5	21.7

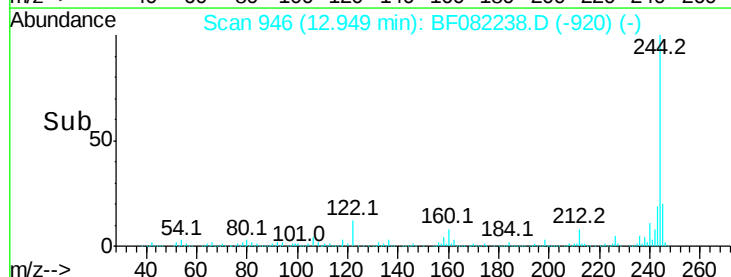
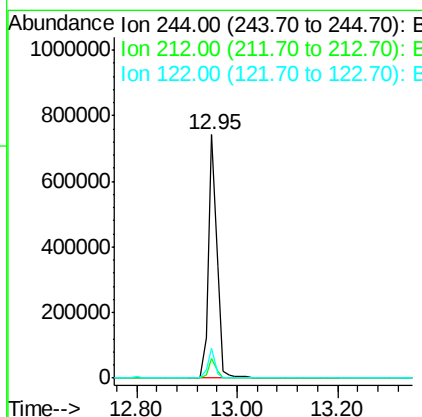
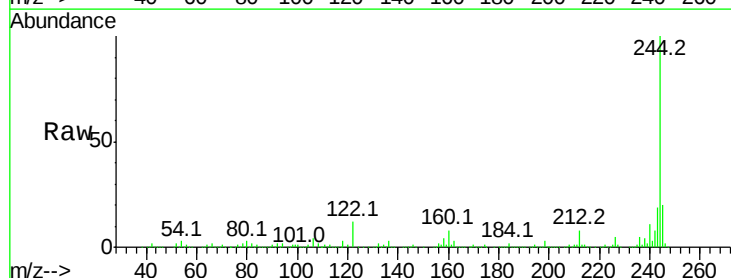
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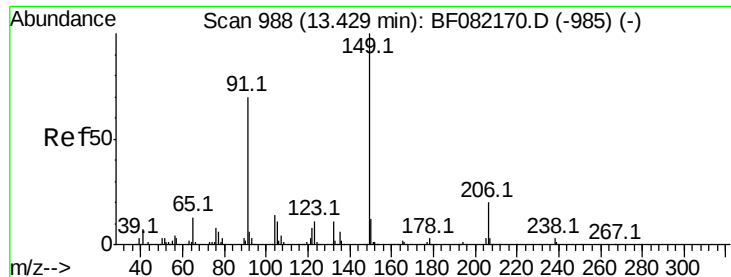
MMdadoda
 10/13/2015 1:25:05 PM



#78
 Terphenyl-d14
 Concen: 101.26 ng
 RT: 12.95 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	12.2	5.9	8.9#





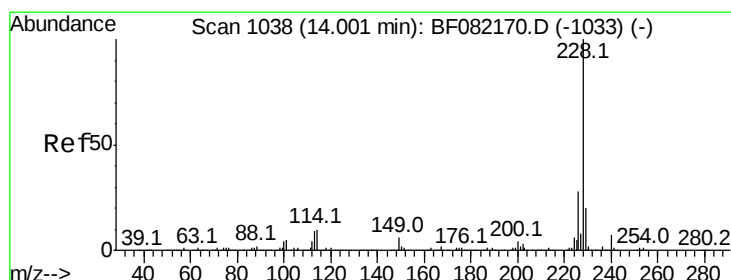
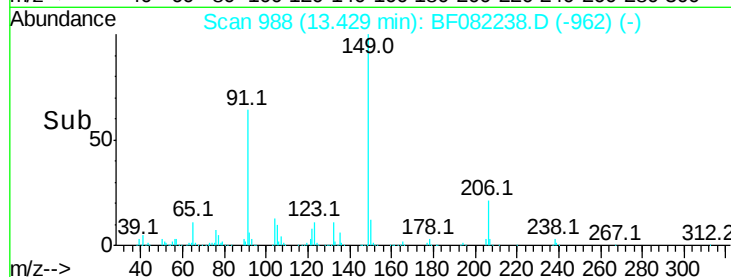
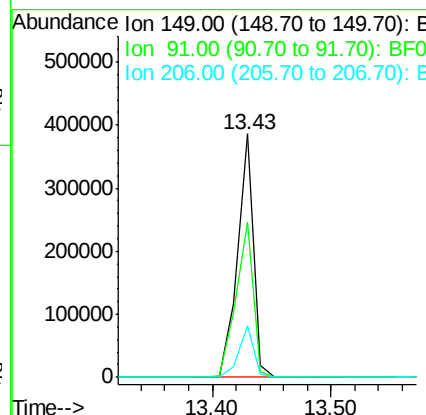
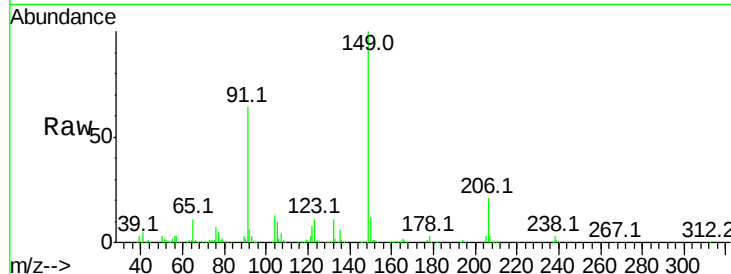
#79
Butylbenzylphthalate
Concen: 58.38 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	361654		
91	63.9	55.7	83.5	
206	21.1	15.6	23.4	

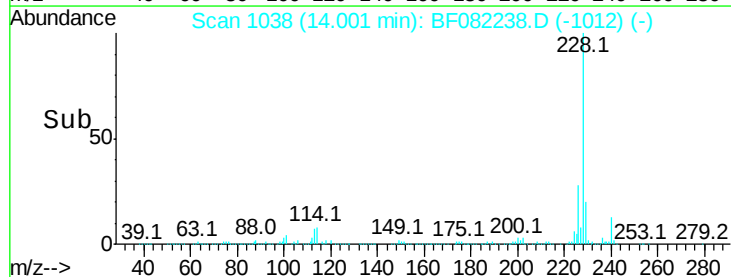
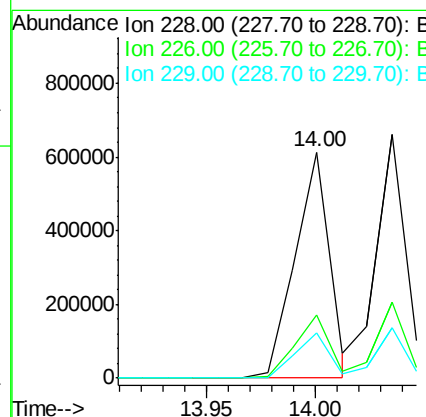
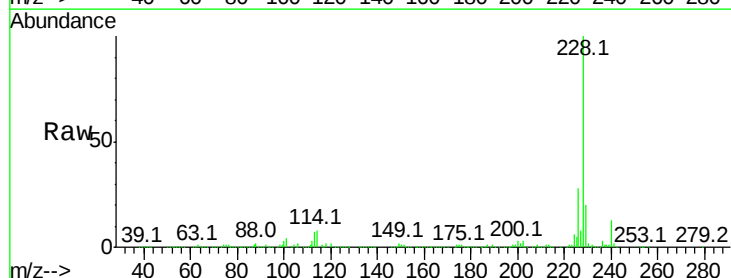
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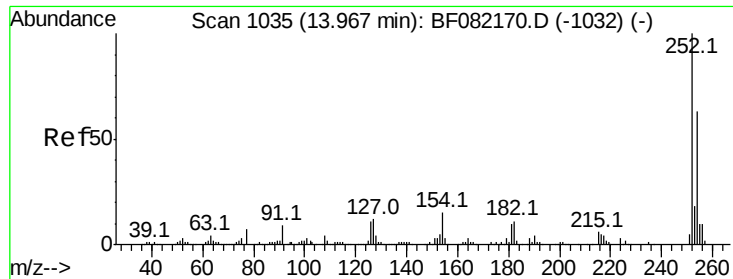
MMdadoda
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#80
Benzo(a)anthracene
Concen: 56.83 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	676343		
226	27.9	22.3	33.5	
229	20.0	16.2	24.2	





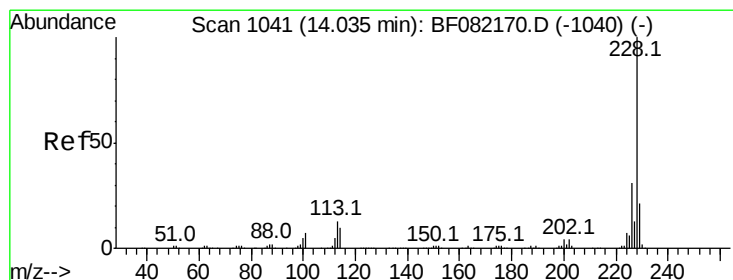
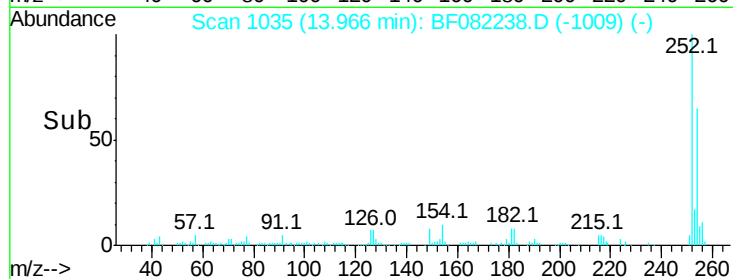
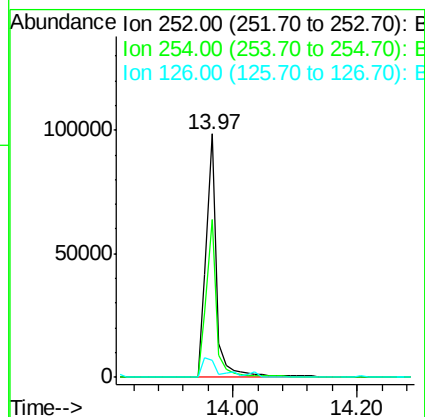
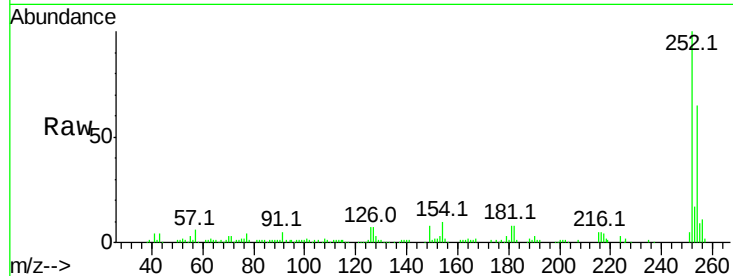
#81
 3,3'-Dichlorobenzidine
 Concen: 26.07 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	50.7	76.1
126	7.2	9.0	13.6

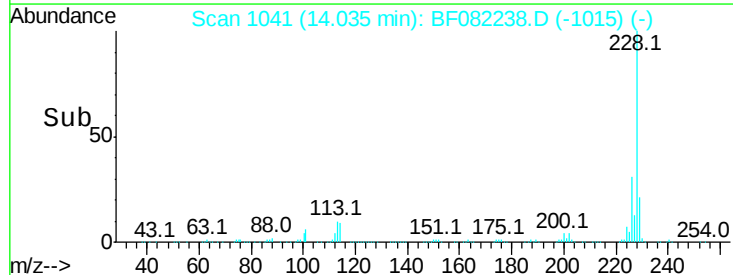
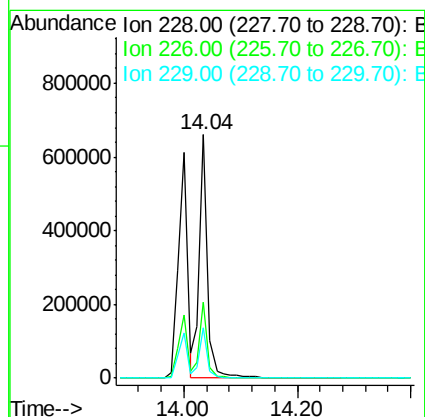
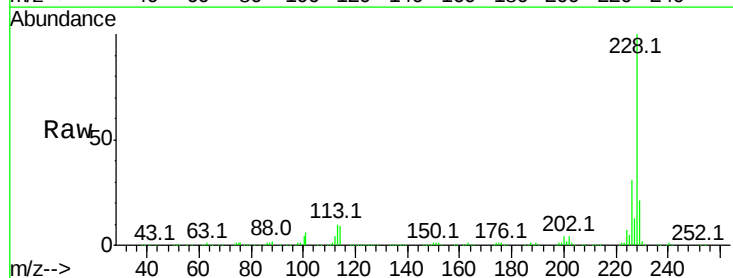
Manual Integrations
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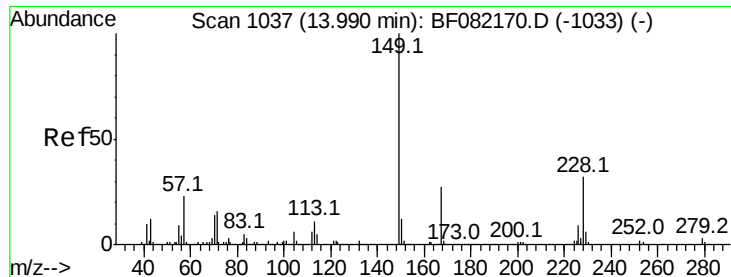
MMdadoda
 10/13/2015 1:25:05 PM



#82
 Chrysene
 Concen: 52.94 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.58 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MS

Tot Ion:149 Resp: 464698

Ion Ratio Lower Upper

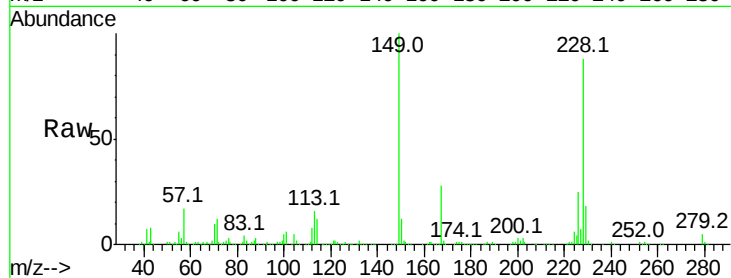
149 100

167 27.8 21.3 31.9

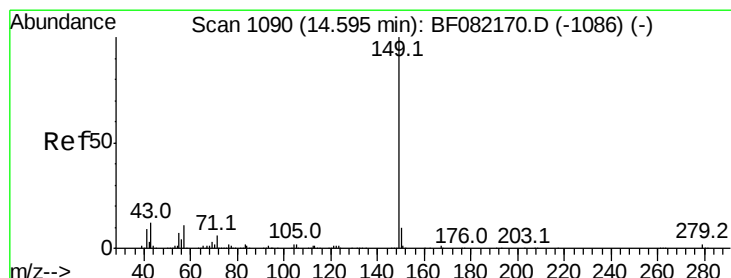
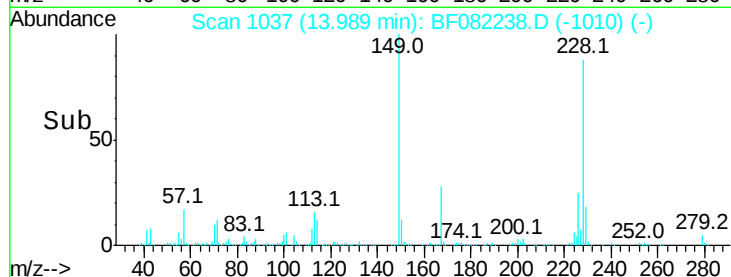
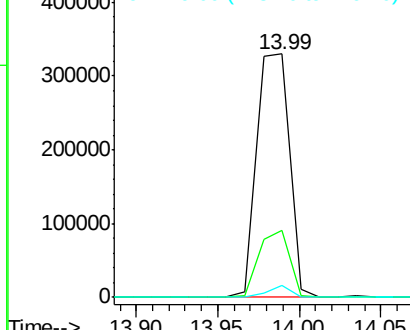
279 5.0 2.6 4.0#

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:25:05 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.50 ng

RT: 14.60 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

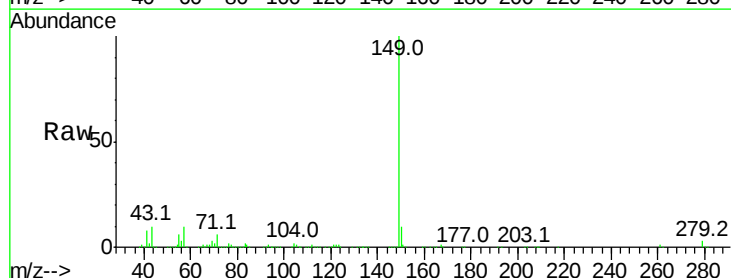
Tgt Ion:149 Resp: 736156

Ion Ratio Lower Upper

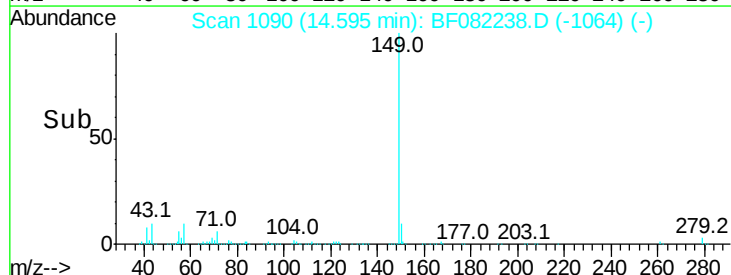
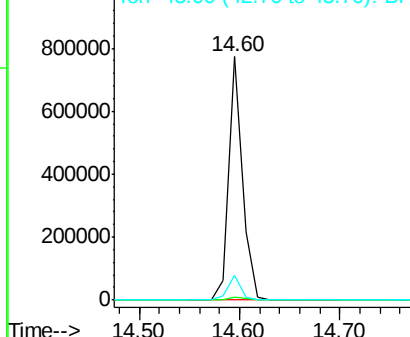
149 100

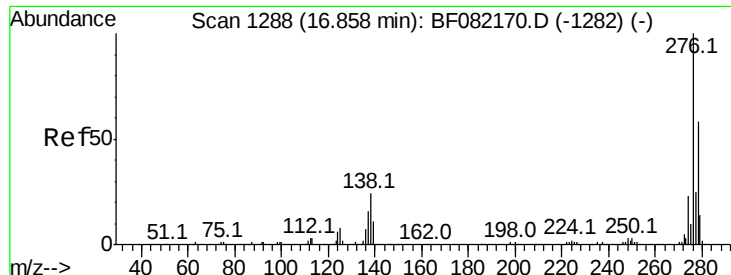
167 1.6 1.3 1.9

43 9.5 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





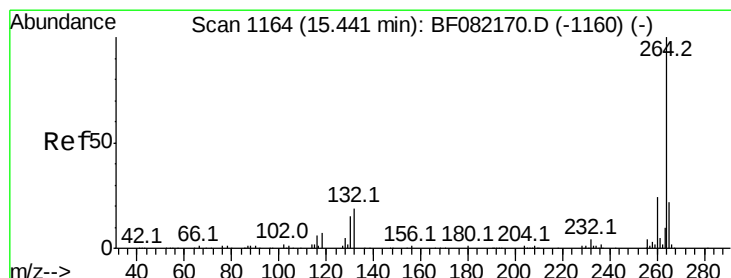
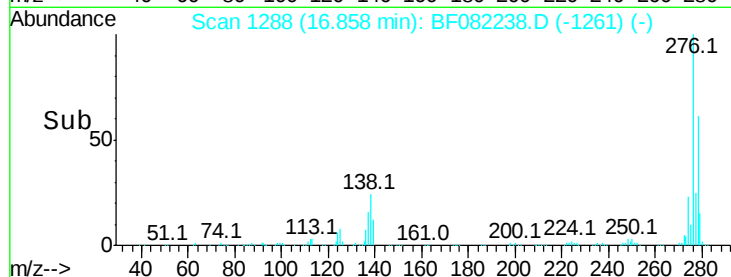
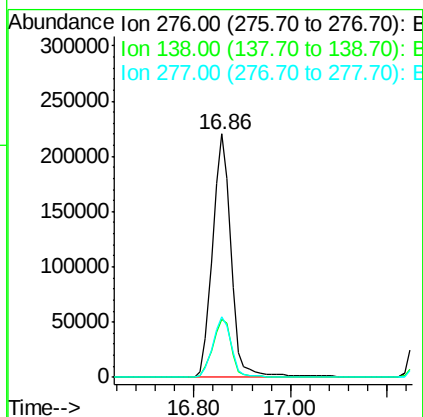
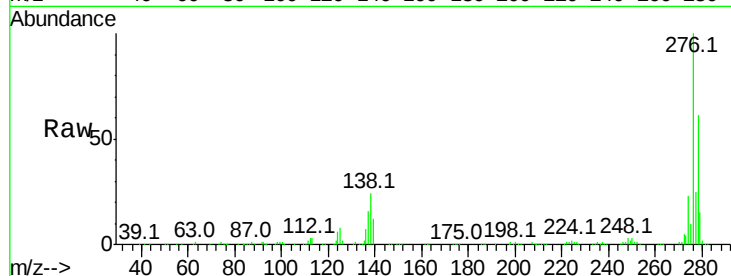
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.16 ng
RT: 16.86 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.7	29.5
277	25.0	20.1	30.1

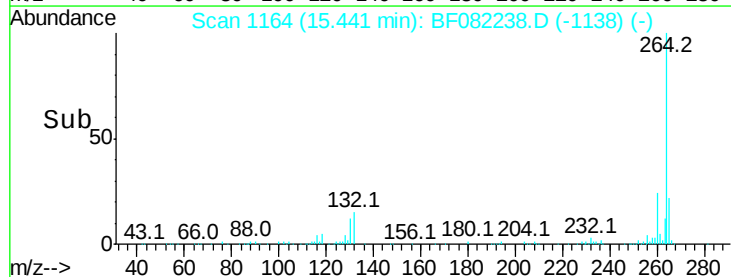
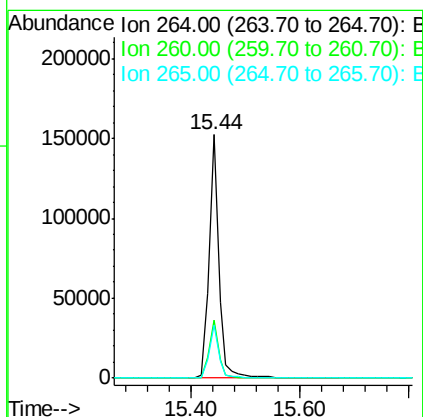
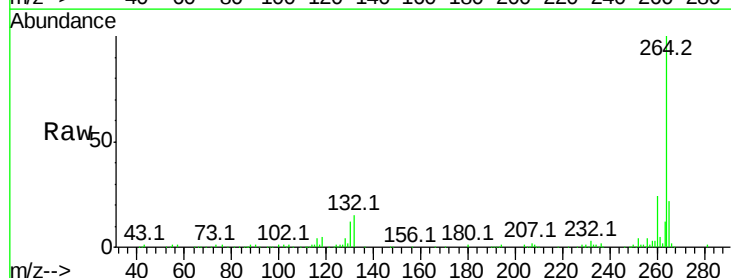
Manual Integrations
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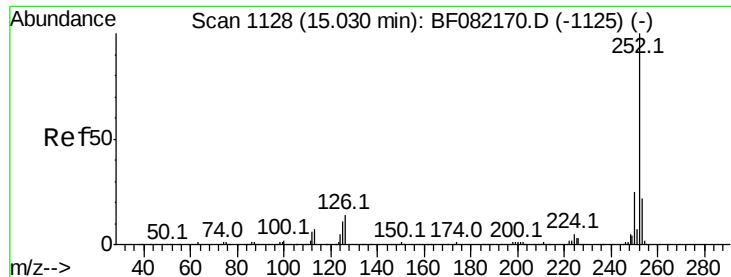
MMdadoda
10/13/2015 1:25:05 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 48.95 ng m

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Instrument :

BNA_F

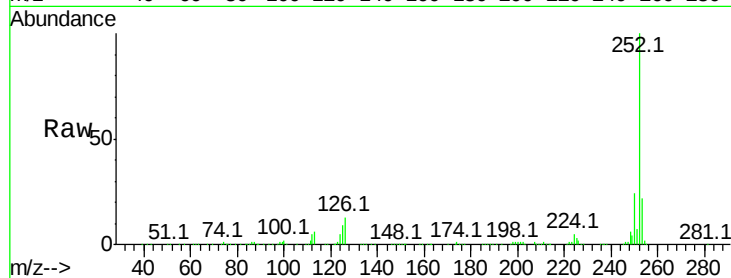
ClientSampleId :

TE-PMW(40)MS

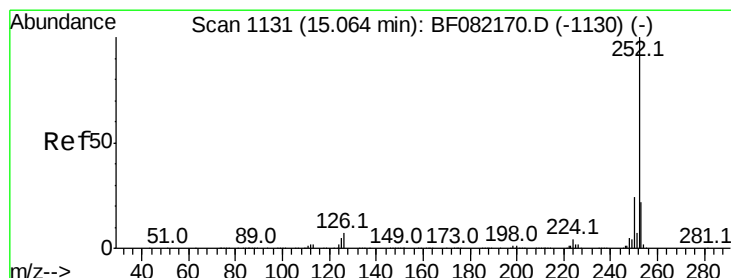
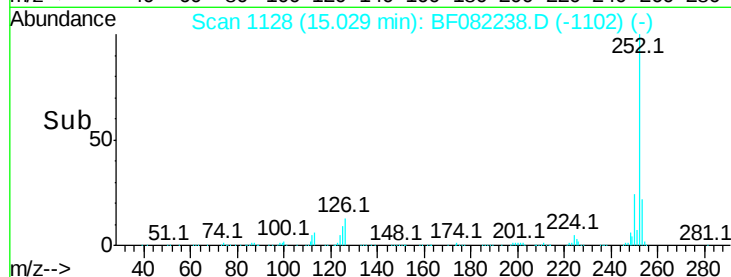
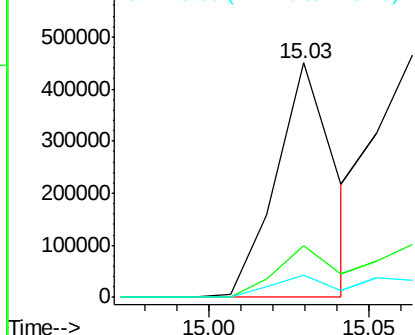
Tot Ion:	252	Resp:	569536
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	9.4	8.6	12.8

Manual Integrations
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MMdadoda
10/13/2015 1:25:05 PM



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



#88

Benzo(k)fluoranthene

Concen: 62.64 ng m

RT: 15.06 min Scan# 1131

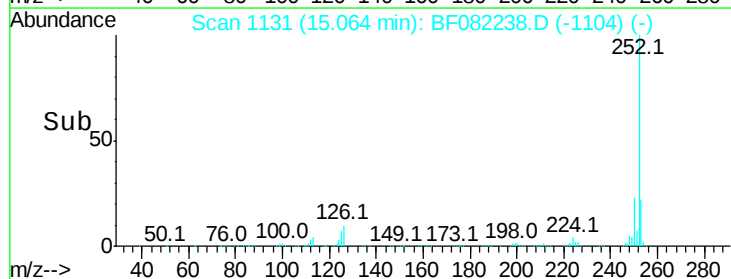
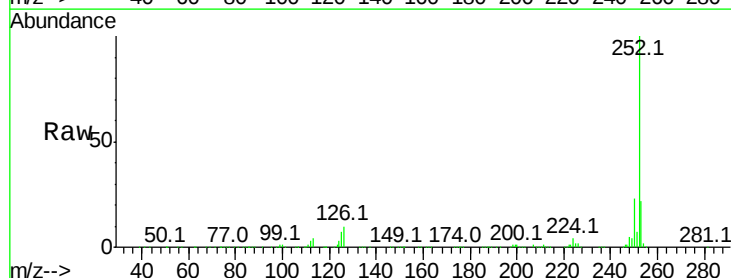
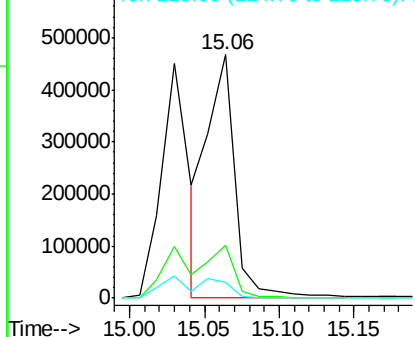
Delta R.T. 0.01 min

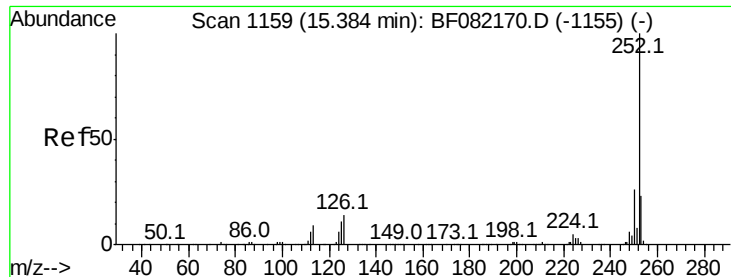
Lab File: BF082238.D

Acq: 13 Oct 2015 2:28

Tgt Ion:	252	Resp:	612649
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	6.7	6.7	10.1

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





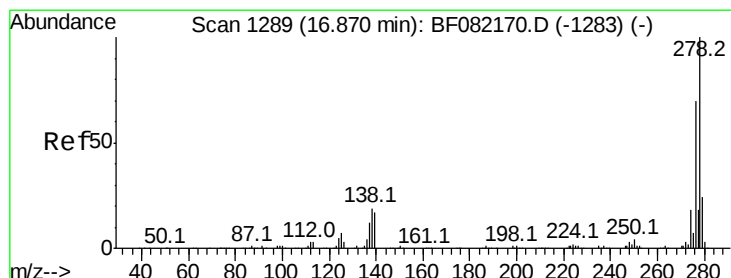
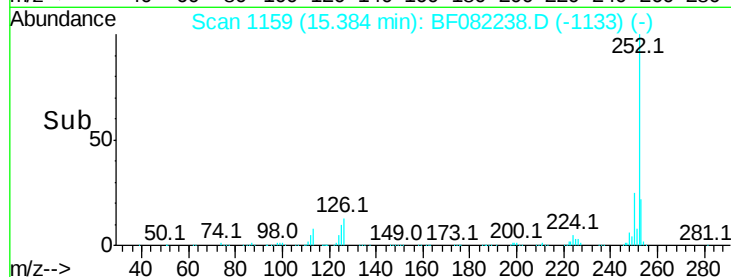
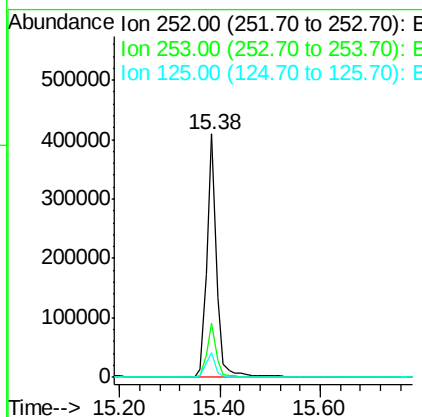
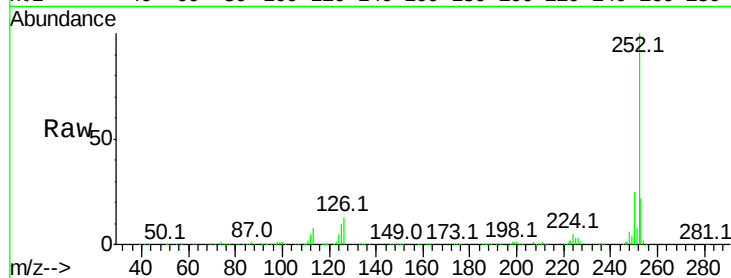
#89
Benzo(a)pyrene
Concen: 54.61 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.0	8.9	13.3

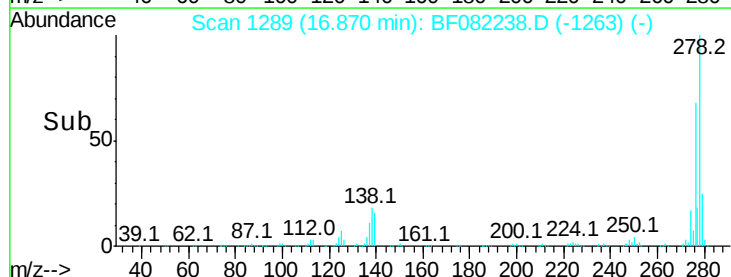
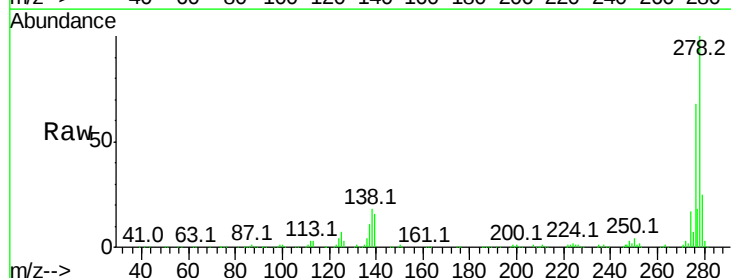
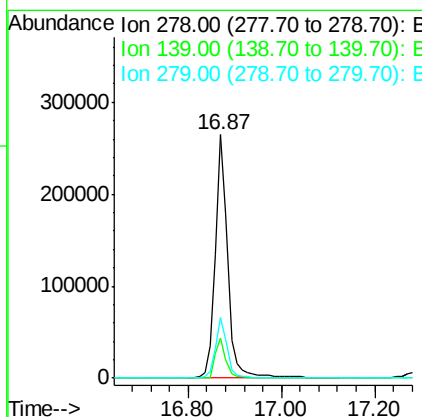
Manual Integrations
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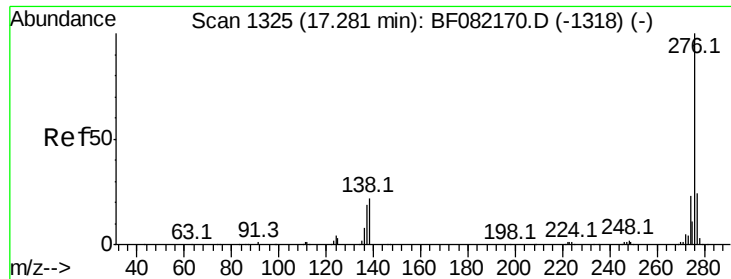
MMdadoda
10/13/2015 1:25:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 60.52 ng
RT: 16.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF082238.D
Acq: 13 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.3	19.9
279	24.8	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 63.71 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF082238.D
 Acq: 13 Oct 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MS

Tot Ion:	276	Resp:	507220
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.0	17.4	26.2

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:25:05 PM

