

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081179.D
 Acq On : 24 Aug 2015 20:32
 Operator : UM/IZ
 Sample : G3386-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Manual Integrations
 APPROVED

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 8/25/2015 12:39:01 PM

Quant Time: Aug 24 23:41:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	67227	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	267250	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	114050	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	237563	20.00	ng	0.00
75) Chrysene-d12	13.66	240	205453	20.00	ng	0.00
86) Perylene-d12	14.99	264	139172	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	575275	128.71	ng	0.02
7) Phenol-d6	6.20	99	790032	135.47	ng	0.00
23) Nitrobenzene-d5	7.12	82	501974	85.80	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	118629	119.99	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	716193	82.28	ng	0.00
78) Terphenyl-d14	12.62	244	696555	72.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	75520	35.86	ng	# 92
3) Pyridine	2.61	79	188374	31.69	ng	# 80
4) n-Nitrosodimethylamine	2.57	42	131076	39.60	ng	# 73
6) Aniline	6.21	93	228629	26.96	ng	# 32
8) 2-Chlorophenol	6.33	128	201432	41.17	ng	# 80
9) Benzaldehyde	6.08	77	57873	15.39	ng	95
10) Phenol	6.22	94	247781	35.98	ng	# 70
11) bis(2-Chloroethyl)ether	6.30	93	223284	42.25	ng	94
12) 1,3-Dichlorobenzene	6.48	146	205427	39.08	ng	95
13) 1,4-Dichlorobenzene	6.56	146	214674	41.24	ng	97
14) 1,2-Dichlorobenzene	6.71	146	174664	35.85	ng	98
15) Benzyl Alcohol	6.70	79	182528	38.68	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	415990	40.06	ng	98
17) 2-Methylphenol	6.82	107	182981	43.59	ng	95
18) Hexachloroethane	7.05	117	79812	37.95	ng	96
19) n-Nitroso-di-n-propylamine	6.97	70	167170	41.38	ng	91
20) 3+4-Methylphenols	6.98	107	226736	42.56	ng	# 42
22) Acetophenone	6.96	105	311160	44.35	ng	# 87
24) Nitrobenzene	7.13	77	221569	36.22	ng	97
25) Isophorone	7.38	82	440428	40.37	ng	95
26) 2-Nitrophenol	7.45	139	114662	45.07	ng	# 76
27) 2,4-Dimethylphenol	7.51	122	187540	41.67	ng	88
28) bis(2-Chloroethoxy)methane	7.60	93	290447	45.06	ng	99
29) 2,4-Dichlorophenol	7.69	162	154985	40.91	ng	88
30) 1,2,4-Trichlorobenzene	7.77	180	158980	37.75	ng	99
31) Naphthalene	7.85	128	620724	41.67	ng	99
32) Benzoic acid	7.64	122	76853	30.36	ng	# 81
33) 4-Chloroaniline	7.91	127	152530	24.27	ng	# 87
34) Hexachlorobutadiene	7.98	225	100130	42.05	ng	97
35) Caprolactam	8.29	113	61926m	46.76	ng	
36) 4-Chloro-3-methylphenol	8.40	107	187176	41.45	ng	98
37) 2-Methylnaphthalene	8.54	142	364268	38.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	164437	44.69	ng	97
40) Hexachlorocyclopentadiene	8.70	237	167242	87.81	ng	99

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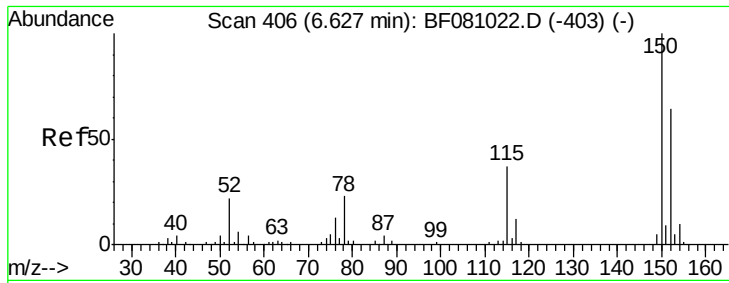
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	115751	44.53	ng	96
43) 2,4,5-Trichlorophenol	8.87	196	117256	45.13	ng	98
45) 1,1'-Biphenyl	9.01	154	481892	47.97	ng	97
46) 2-Chloronaphthalene	9.03	162	337030	41.76	ng	99
47) 2-Nitroaniline	9.12	65	146746	44.43	ng	99
48) Acenaphthylene	9.43	152	544578	37.72	ng	98
49) Dimethylphthalate	9.32	163	477635	50.85	ng	99
50) 2,6-Dinitrotoluene	9.37	165	81411	40.37	ng	# 68
51) Acenaphthene	9.60	154	322301	37.29	ng	99
52) 3-Nitroaniline	9.53	138	69395	27.50	ng	97
53) 2,4-Dinitrophenol	9.65	184	83257	75.02	ng	# 75
54) Dibenzofuran	9.77	168	461223	39.82	ng	91
55) 4-Nitrophenol	9.72	139	135290	76.33	ng	# 79
56) 2,4-Dinitrotoluene	9.77	165	104925	39.26	ng	# 59
57) Fluorene	10.12	166	353359	39.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	89838m	44.68	ng	
59) Diethylphthalate	10.01	149	406556	40.89	ng	98
60) 4-Chlorophenyl-phenylether	10.12	204	165188	43.81	ng	99
61) 4-Nitroaniline	10.15	138	102428	39.71	ng	93
62) Azobenzene	10.28	77	536560	46.84	ng	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	61283	43.20	ng	# 42
65) n-Nitrosodiphenylamine	10.24	169	362152	42.71	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	92597	39.68	ng	# 59
67) Hexachlorobenzene	10.66	284	104326	44.14	ng	# 85
68) Atrazine	10.77	200	105708	44.74	ng	98
69) Pentachlorophenol	10.86	266	120719	85.13	ng	99
70) Phenanthrene	11.06	178	502637	35.70	ng	99
71) Anthracene	11.12	178	603811	44.07	ng	99
72) Carbazole	11.28	167	591893	44.87	ng	98
73) Di-n-butylphthalate	11.62	149	697797	43.72	ng	99
74) Fluoranthene	12.24	202	602751	39.67	ng	94
76) Benzidine	12.37	184	145588	18.76	ng	98
77) Pyrene	12.47	202	661446	39.60	ng	99
79) Butylbenzylphthalate	13.11	149	301673	42.02	ng	98
80) Benzo(a)anthracene	13.65	228	545152	39.57	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	131081	29.37	ng	# 95
82) Chrysene	13.68	228	411412	33.13	ng	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	419261	45.59	ng	# 99
84) Di-n-octyl phthalate	14.28	149	684923	49.00	ng	98
85) Indeno(1,2,3-cd)pyrene	16.16	276	338650	38.84	ng	# 94
87) Benzo(b)fluoranthene	14.64	252	494497m	50.23	ng	
88) Benzo(k)fluoranthene	14.67	252	324517m	35.38	ng	
89) Benzo(a)pyrene	14.94	252	379091	44.20	ng	98
90) Dibenzo(a,h)anthracene	16.17	278	289028	43.24	ng	# 94
91) Benzo(g,h,i)perylene	16.52	276	283023	41.74	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

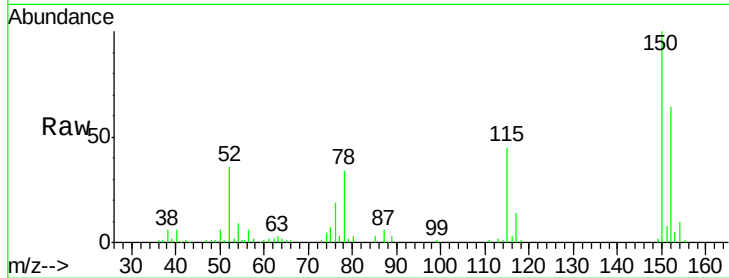
ClientSampleId :

P001-BF001-01MSD

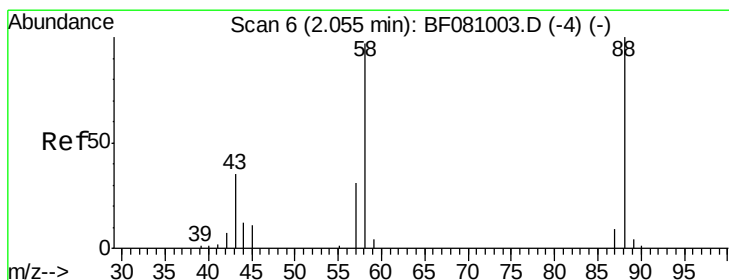
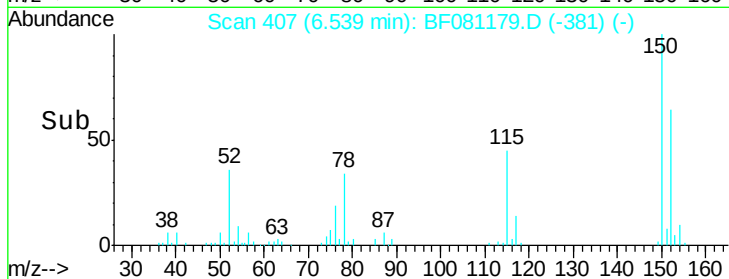
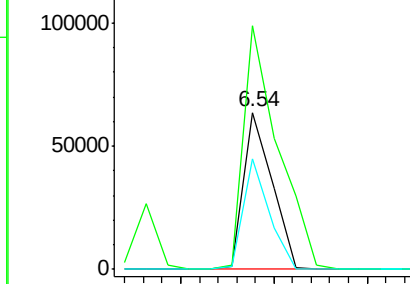
Tgt Ion:	152	Resp:	67227
Ion Ratio	Lower	Upper	
152	100		
150	155.1	123.8	185.6
115	70.4	52.1	78.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.86 ng

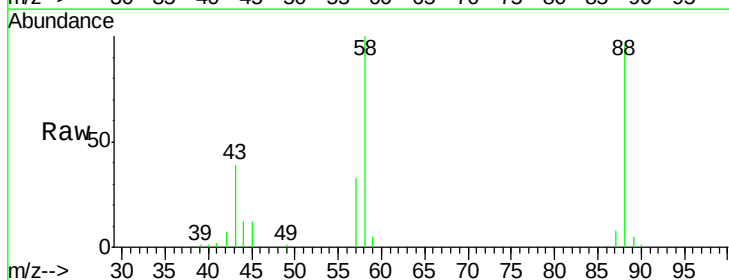
RT: 2.00 min Scan# 10

Delta R.T. 0.07 min

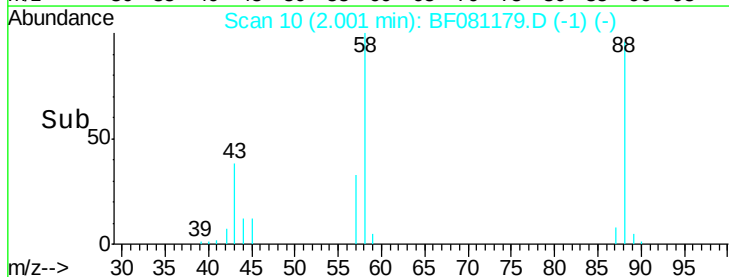
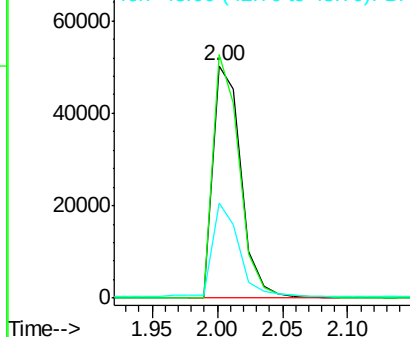
Lab File: BF081179.D

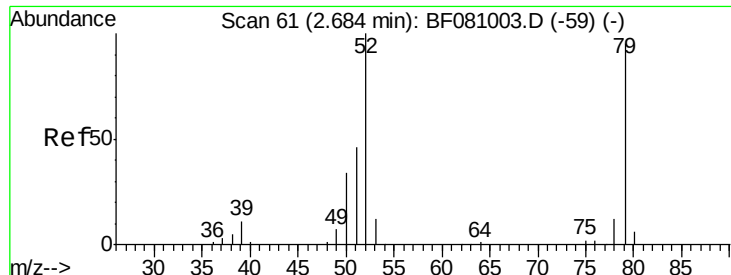
Acq: 24 Aug 2015 20:32

Tgt Ion:	88	Resp:	75520
Ion Ratio	Lower	Upper	
88	100		
58	98.9	83.7	125.5
43	37.5	37.5	56.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.69 ng

RT: 2.61 min Scan# 63

Delta R.T. 0.07 min

Lab File: BF081179.D

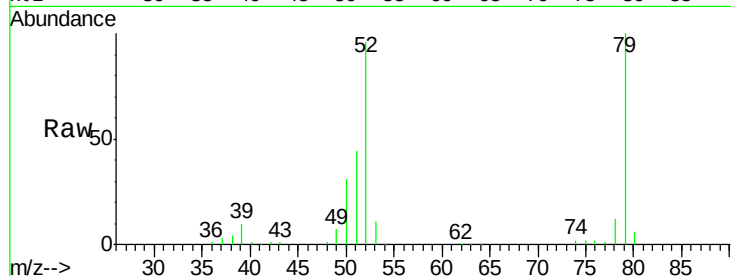
Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

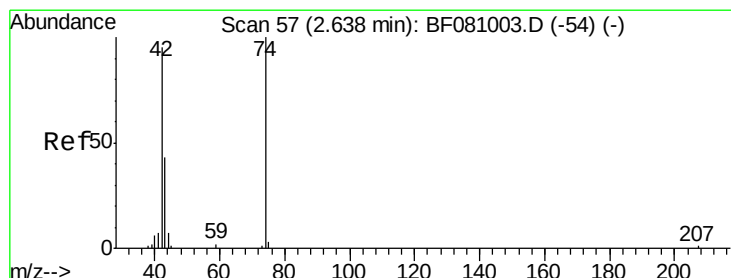
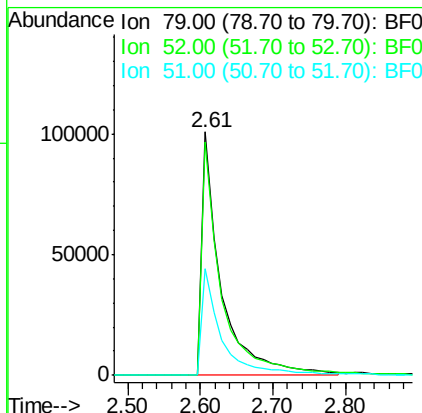
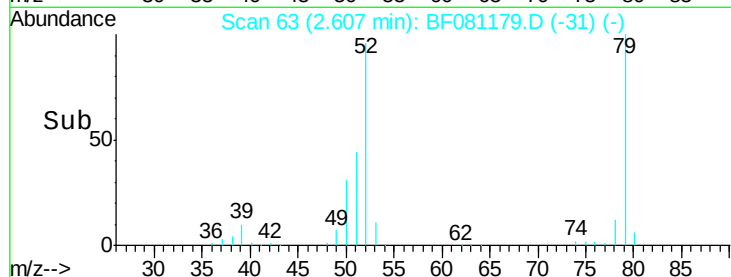
P001-BF001-01MSD



Tgt Ion:	79	Resp:	188374
Ion Ratio	Lower	Upper	
79	100		
52	96.0	95.1	142.7
51	44.0	46.6	70.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

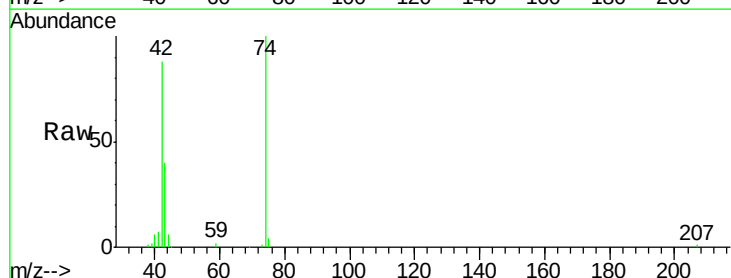
Concen: 39.60 ng

RT: 2.57 min Scan# 60

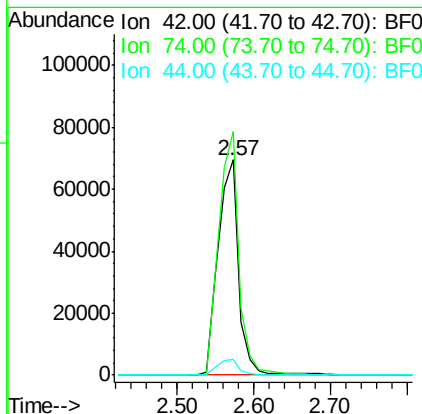
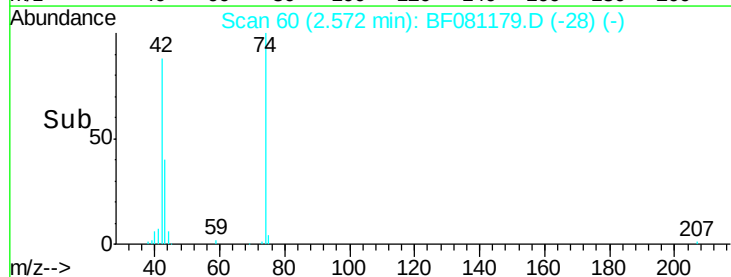
Delta R.T. 0.07 min

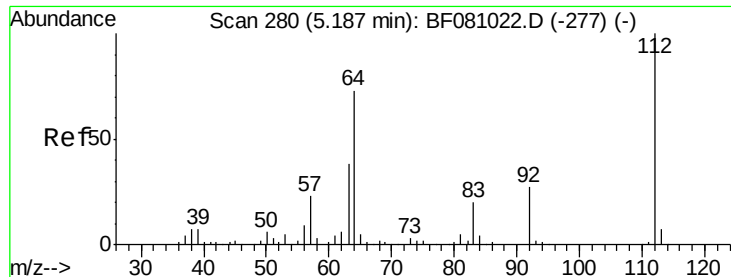
Lab File: BF081179.D

Acq: 24 Aug 2015 20:32



Tgt Ion:	42	Resp:	131076
Ion Ratio	Lower	Upper	
42	100		
74	113.0	69.3	103.9#
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 128.71 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081179.D

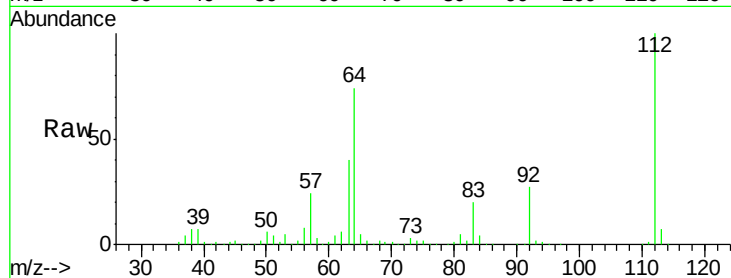
Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

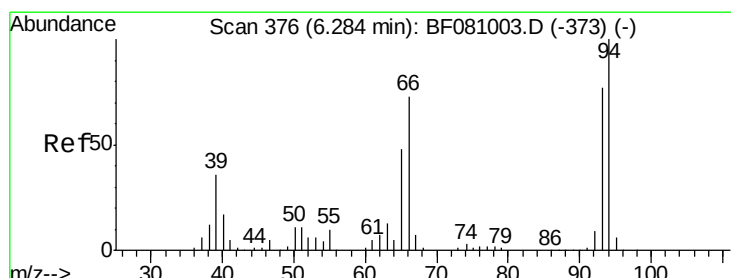
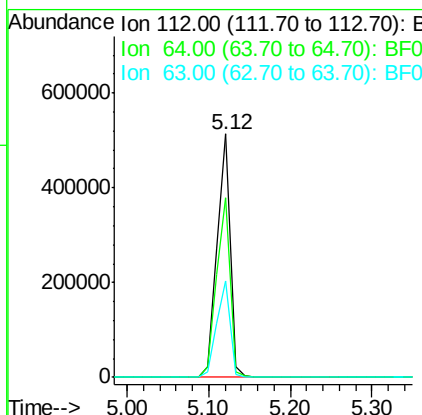
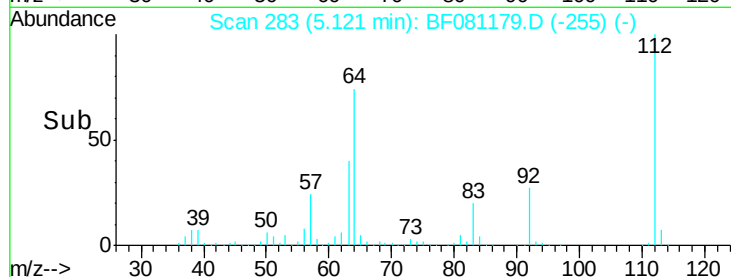
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	575275		
64	73.9	66.9	100.3	
63	39.6	38.1	57.1	

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#6

Aniline

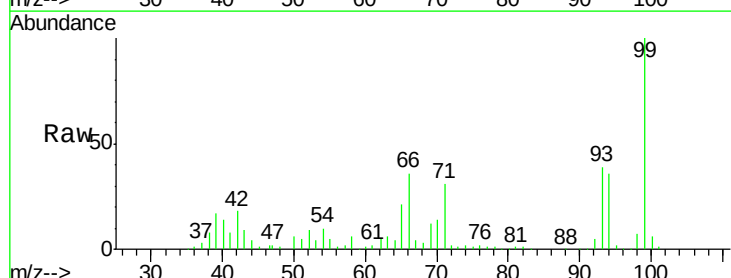
Concen: 26.96 ng

RT: 6.21 min Scan# 378

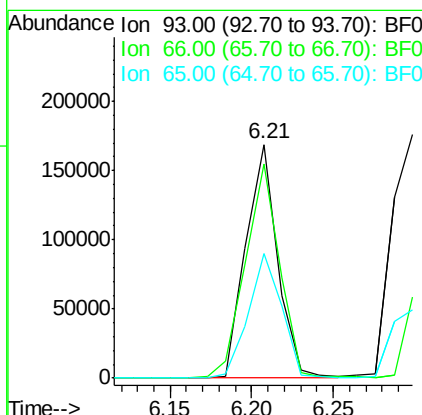
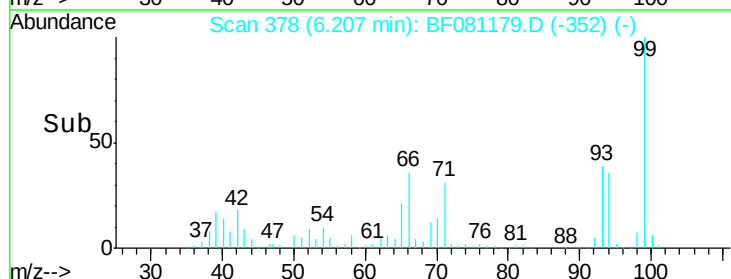
Delta R.T. -0.00 min

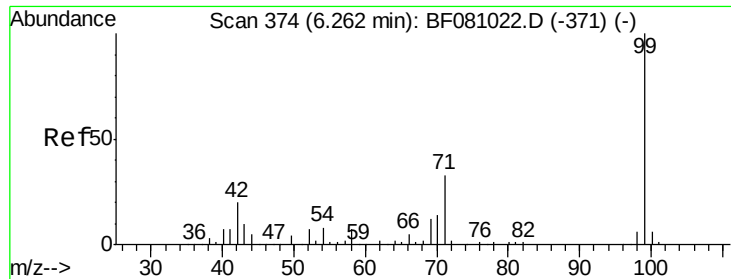
Lab File: BF081179.D

Acq: 24 Aug 2015 20:32



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	228629		
66	91.5	35.6	53.4#	
65	53.2	18.7	28.1#	





#7

Phenol-d6

Concen: 135.47 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

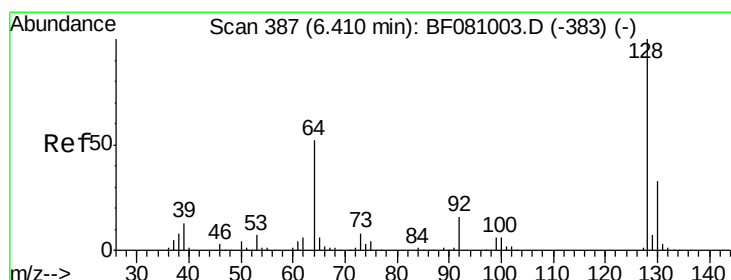
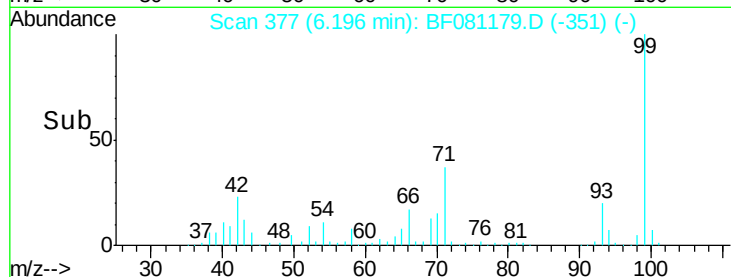
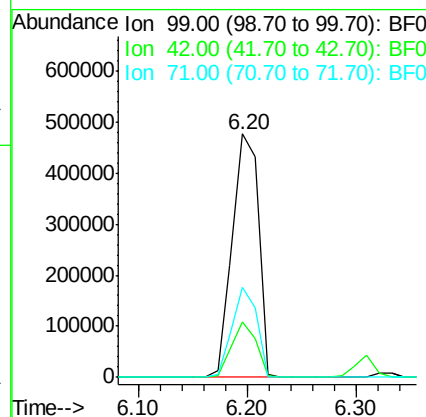
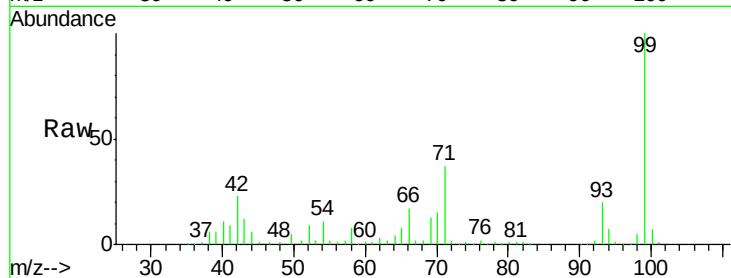
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Tgt Ion:	99	Resp:	790032
Ion Ratio	Lower	Upper	
99	100		
42	22.9	19.6	29.4
71	36.7	31.2	46.8

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#8

2-Chlorophenol

Concen: 41.17 ng

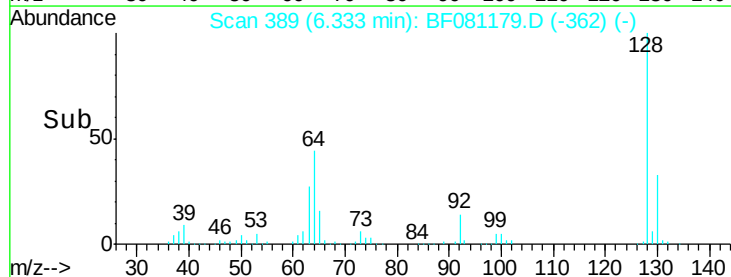
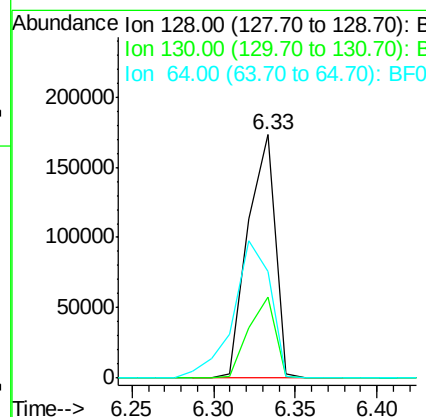
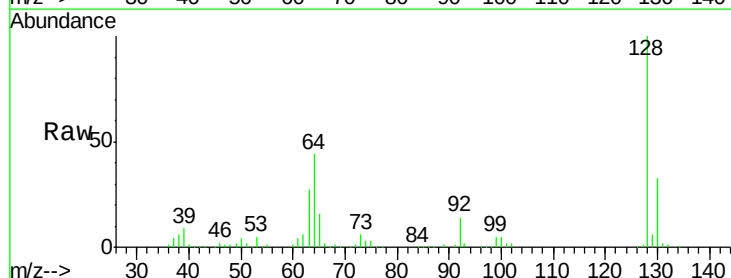
RT: 6.33 min Scan# 389

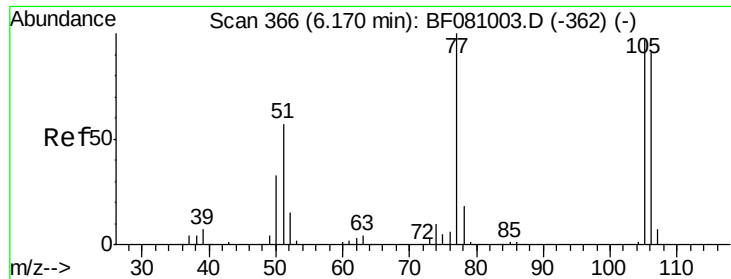
Delta R.T. 0.01 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	128	Resp:	201432
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.5	52.5
64	43.8	46.8	86.8#





#9

Benzaldehyde

Concen: 15.39 ng

RT: 6.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

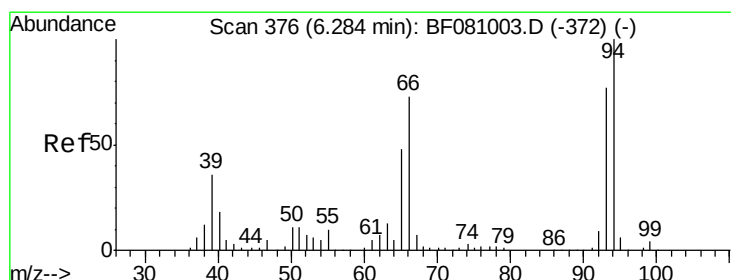
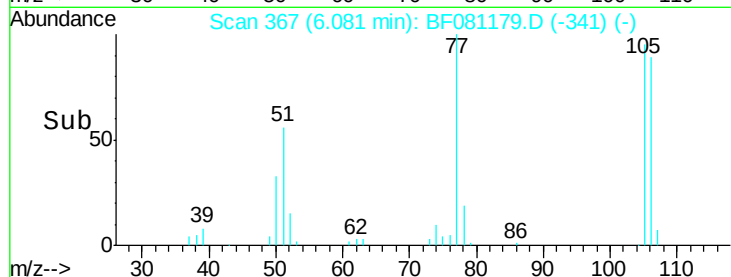
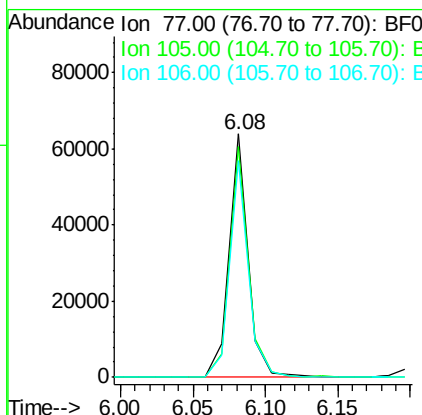
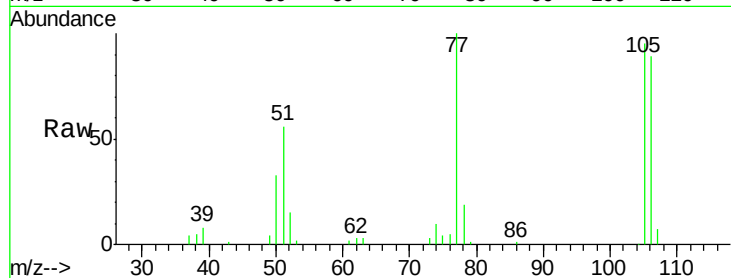
ClientSampleId :

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Tgt Ion:	77	Resp:	57873
Ion	Ratio	Lower	Upper
77	100		
105	94.6	69.6	109.6
106	89.0	64.0	104.0

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#10

Phenol

Concen: 35.98 ng

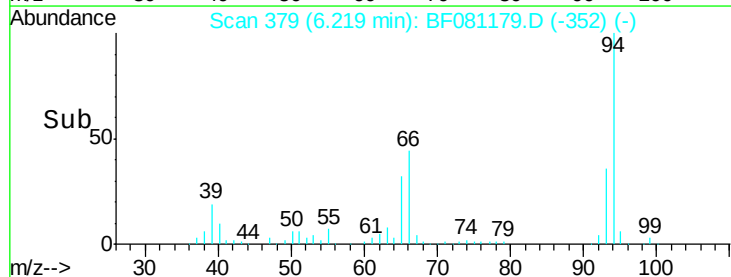
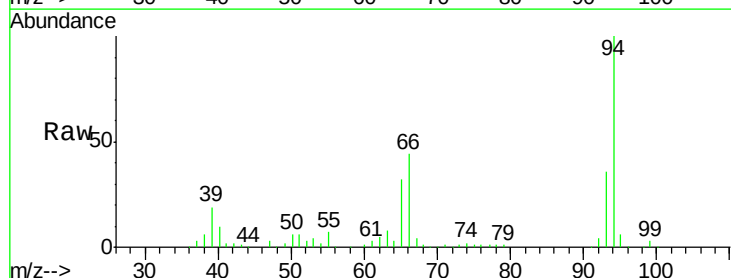
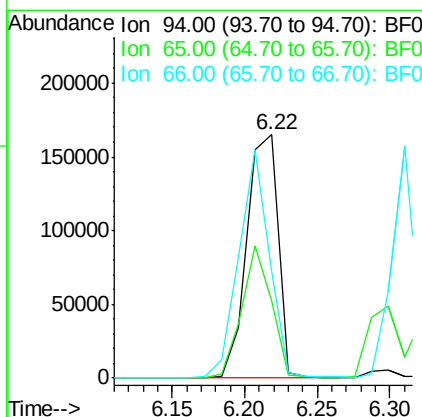
RT: 6.22 min Scan# 379

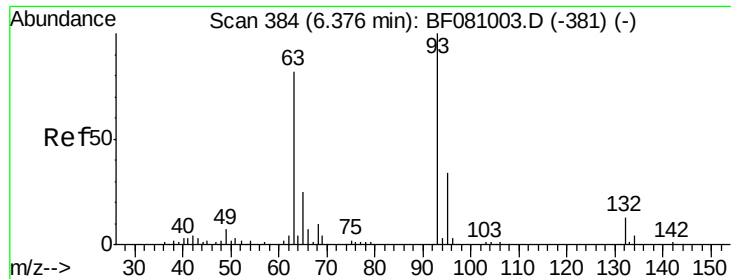
Delta R.T. 0.01 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	94	Resp:	247781
Ion	Ratio	Lower	Upper
94	100		
65	31.7	28.4	68.4
66	44.0	52.3	92.3#





#11

bis(2-Chloroethyl)ether

Concen: 42.25 ng

RT: 6.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

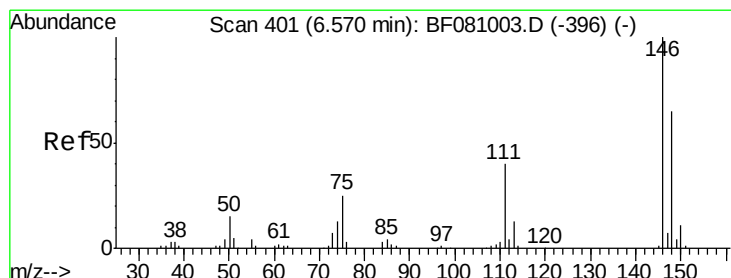
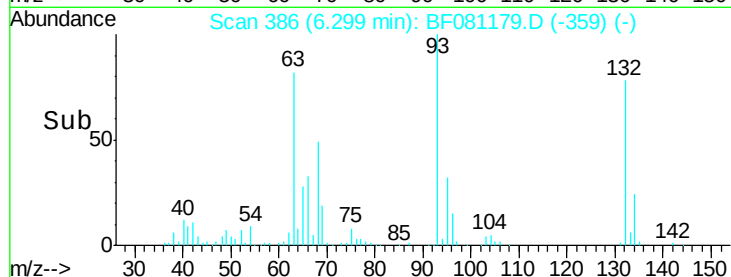
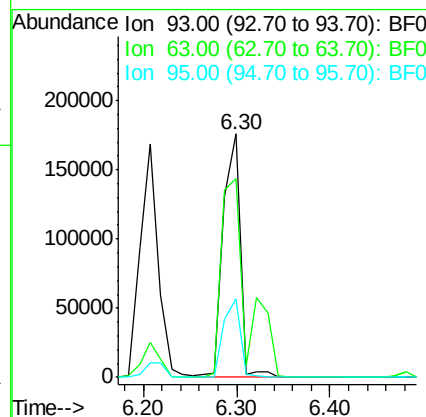
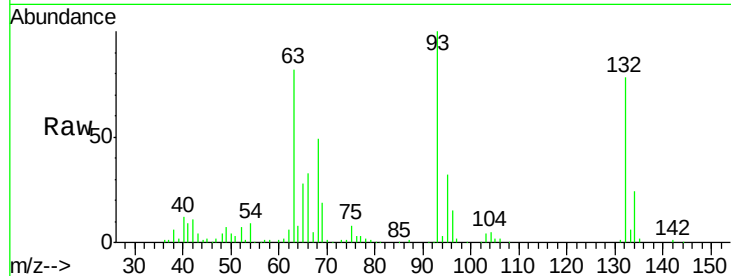
ClientSampleId :

P001-BF001-01MSD

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Tgt Ion:	93	Resp:	223284
Ion Ratio	Lower	Upper	
93	100		
63	81.6	69.6	109.6
95	32.3	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 39.08 ng

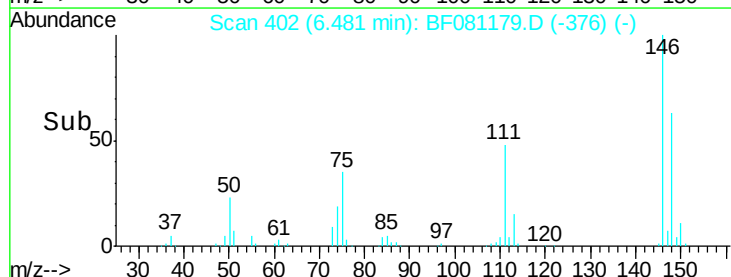
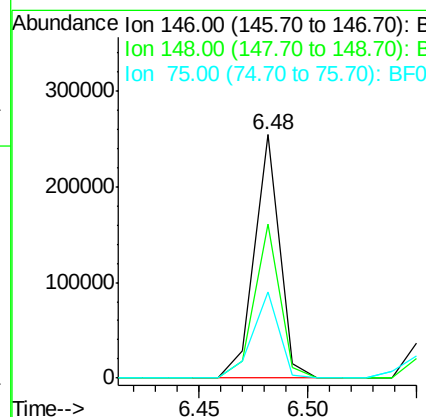
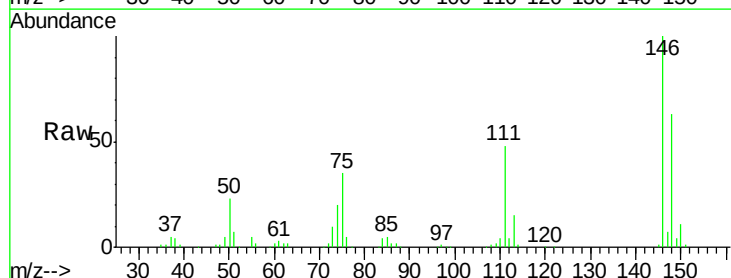
RT: 6.48 min Scan# 402

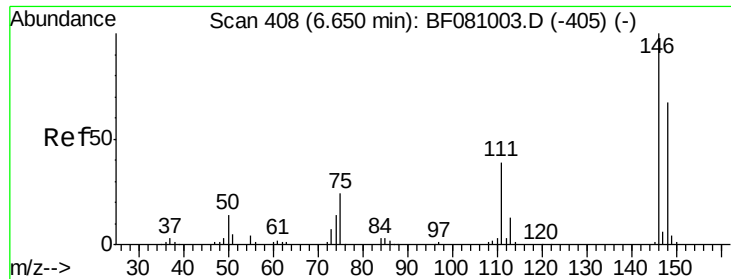
Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	146	Resp:	205427
Ion Ratio	Lower	Upper	
146	100		
148	63.0	53.3	79.9
75	35.2	25.0	37.6





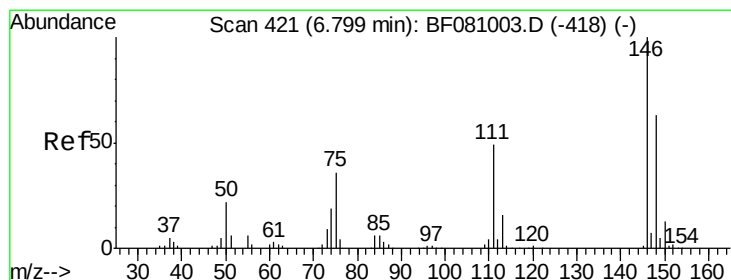
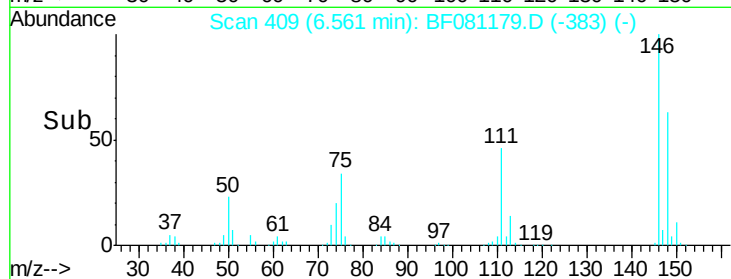
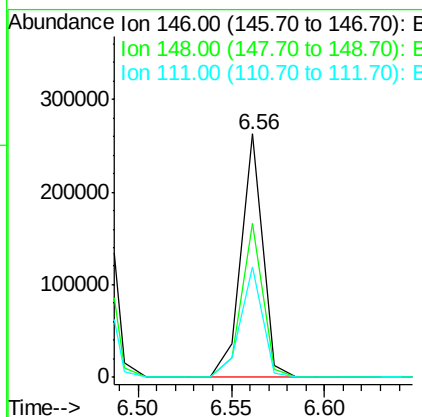
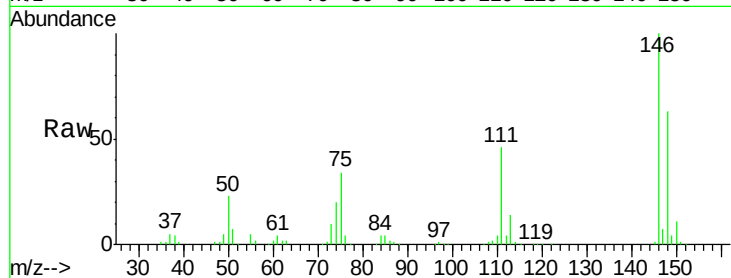
#13
 1,4-Dichlorobenzene
 Concen: 41.24 ng
 RT: 6.56 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214674		
148	63.4	52.3	78.5	
111	45.6	34.4	51.6	

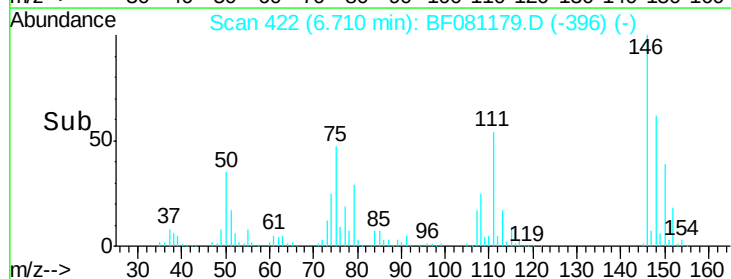
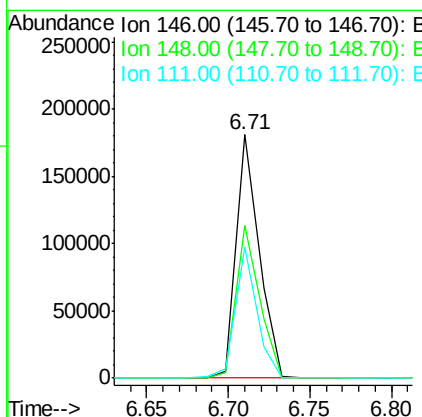
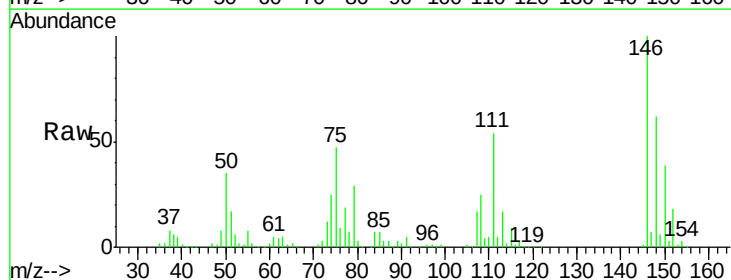
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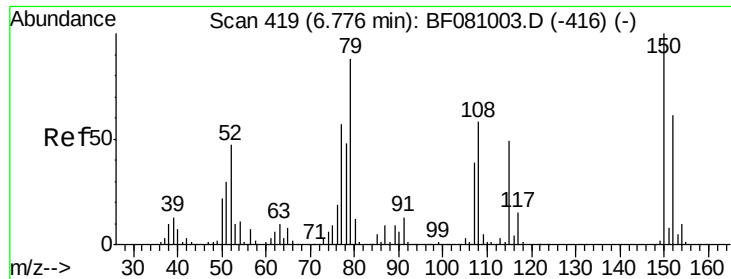
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#14
 1,2-Dichlorobenzene
 Concen: 35.85 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	174664		
148	62.5	48.7	73.1	
111	53.8	42.3	63.5	





#15

Benzyl Alcohol

Concen: 38.68 ng

RT: 6.70 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MSD

Tgt Ion: 79 Resp: 182528

Ion Ratio Lower Upper

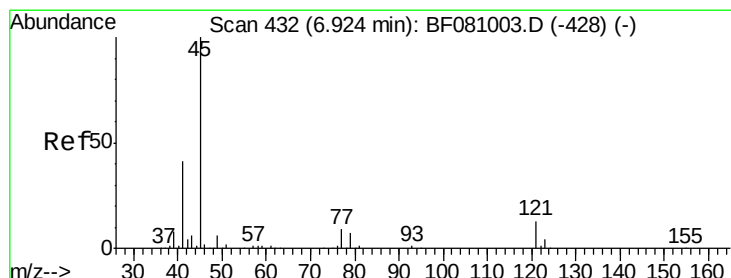
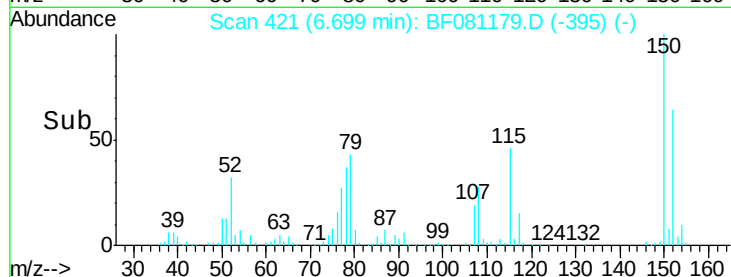
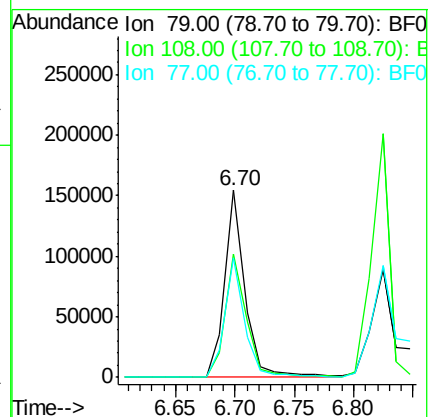
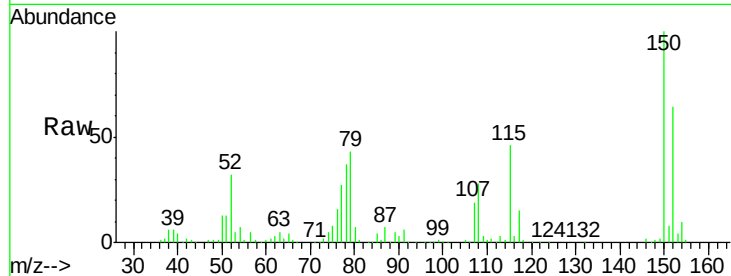
79 100

108 66.0 49.4 74.2

77 63.9 51.4 77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.06 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

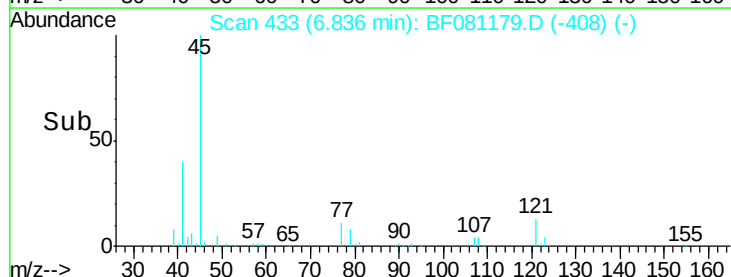
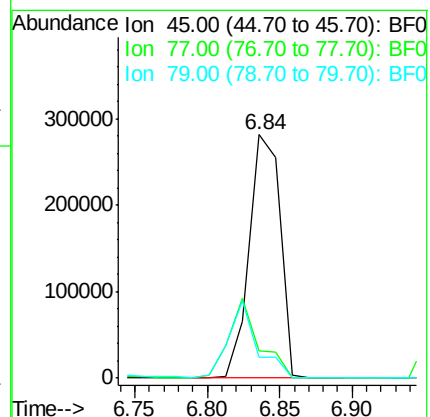
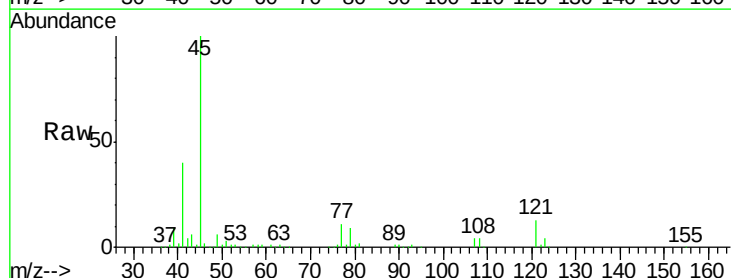
Tgt Ion: 45 Resp: 415990

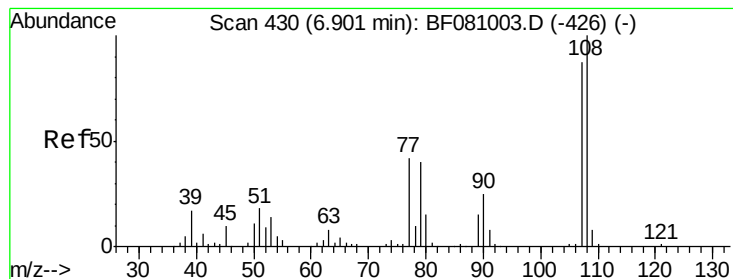
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.2

79 8.7 0.0 28.0





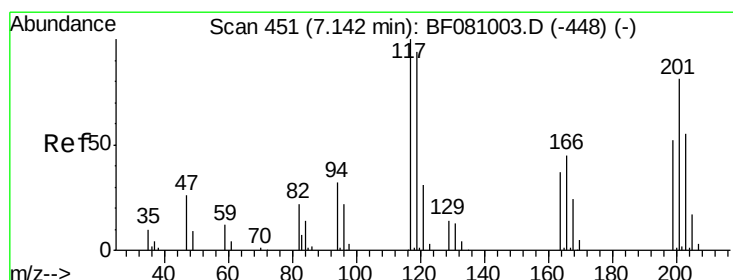
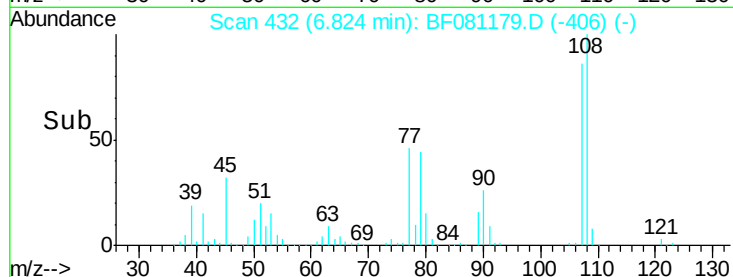
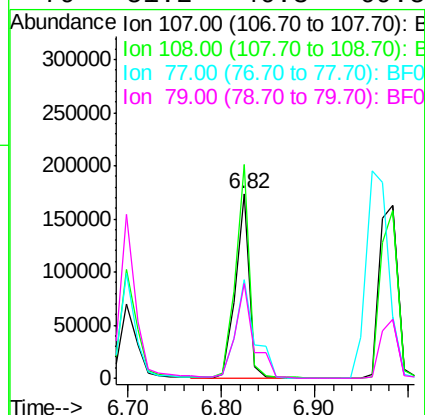
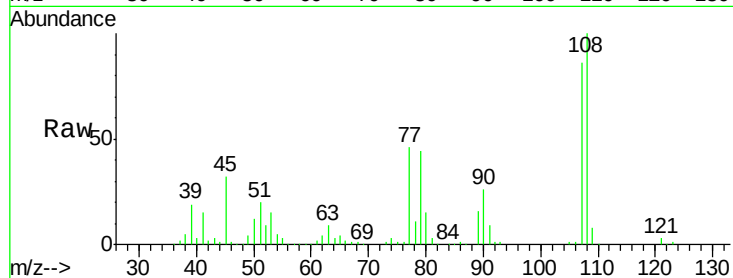
#17
2-Methylphenol
Concen: 43.59 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	182981		
108	115.8	90.4	135.6	
77	53.2	46.5	69.7	
79	51.2	46.3	69.5	

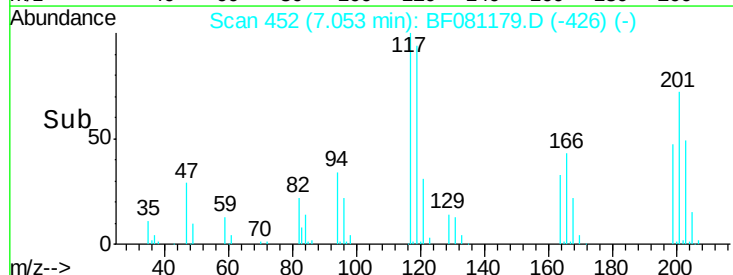
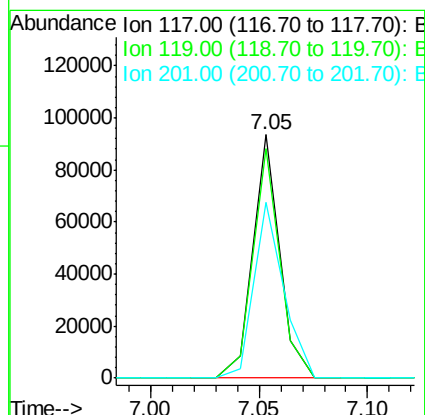
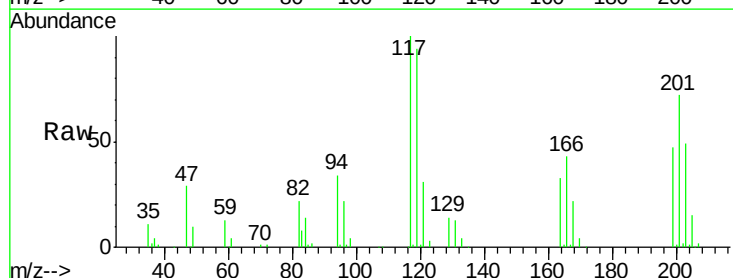
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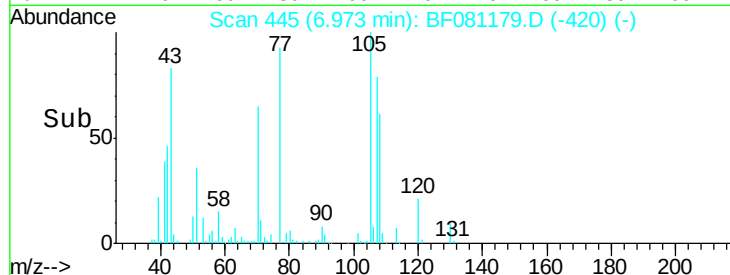
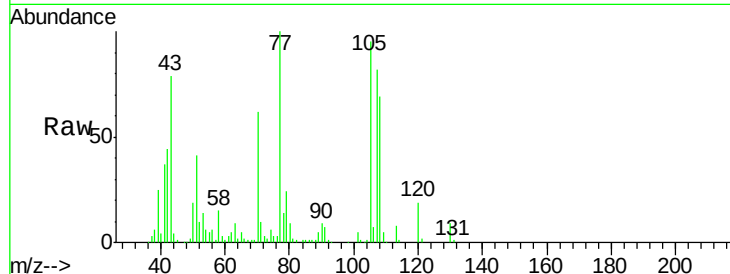
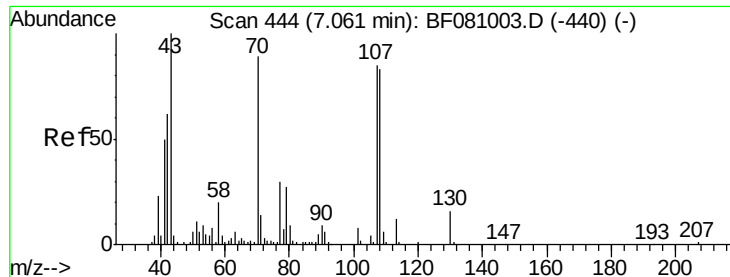
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#18
Hexachloroethane
Concen: 37.95 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	79812		
119	94.5	77.9	116.9	
201	72.2	61.3	91.9	





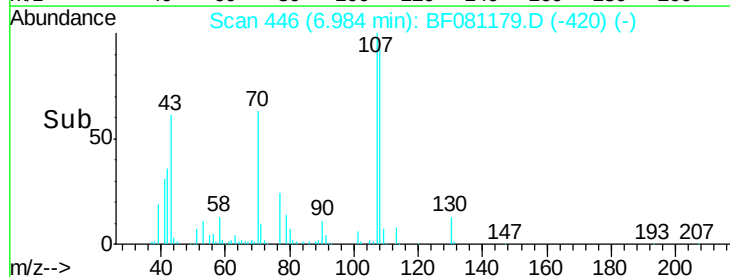
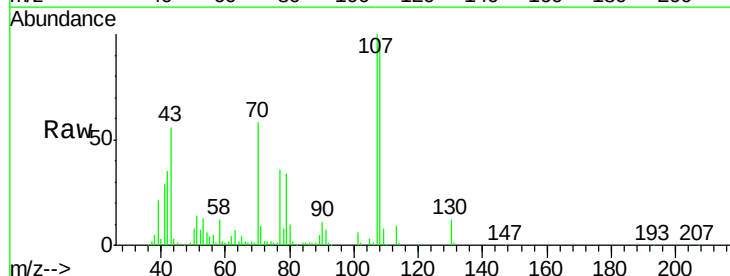
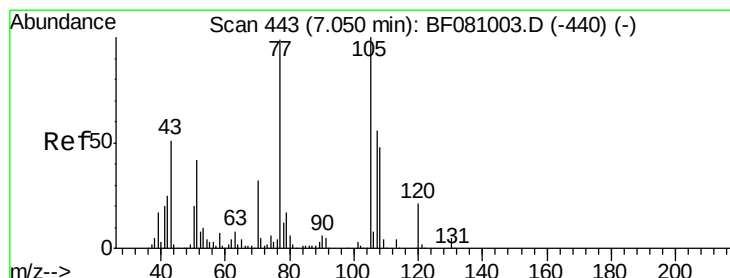
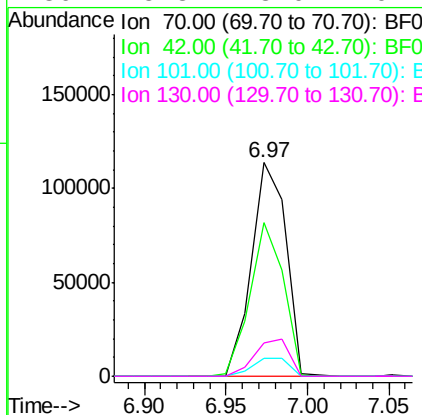
#19
n-Nitroso-di-n-propylamine
Concen: 41.38 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

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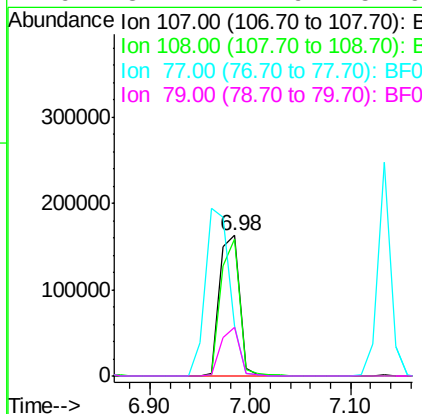
MMDadoda
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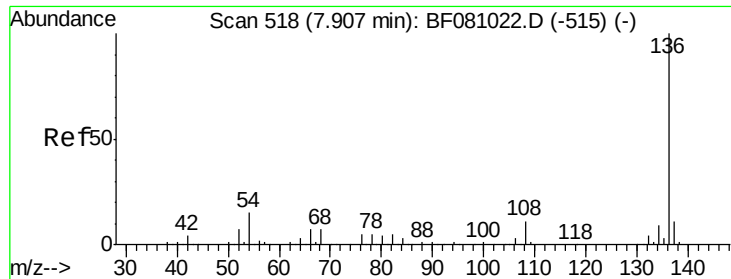
Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	71.9	65.0	97.4	
101	8.1	7.4	11.2	
130	15.3	13.0	19.4	



#20
3+4-Methylphenols
Concen: 42.56 ng
RT: 6.98 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	97.3	66.1	106.1	
77	35.7	139.3	179.3	
79	34.2	11.9	51.9	





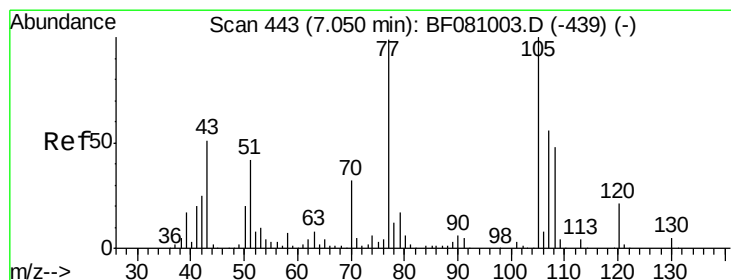
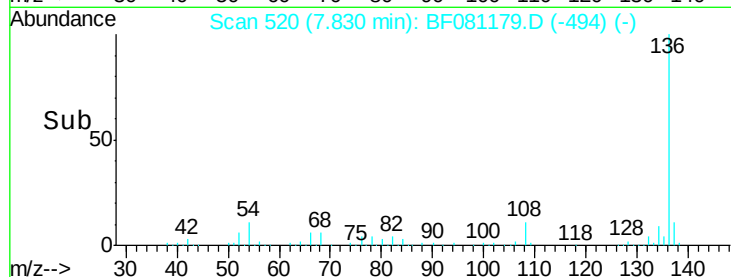
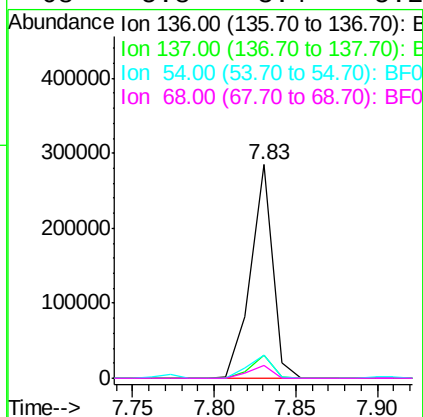
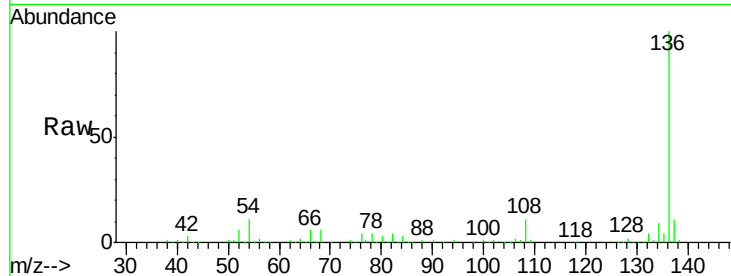
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	267250		
137	10.8	8.2	12.2	
54	11.0	7.7	11.5	
68	5.8	3.4	5.2#	

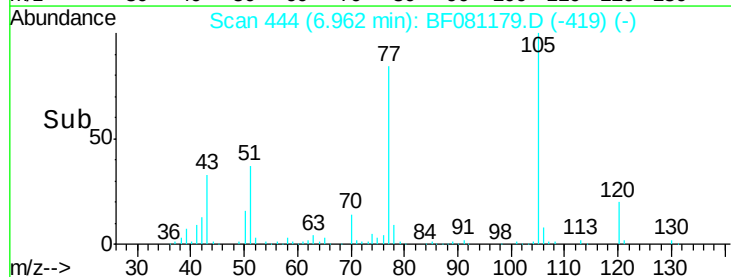
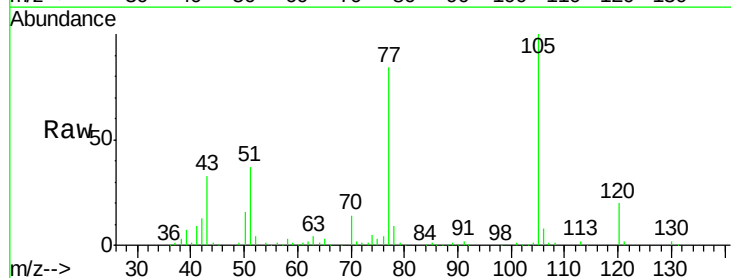
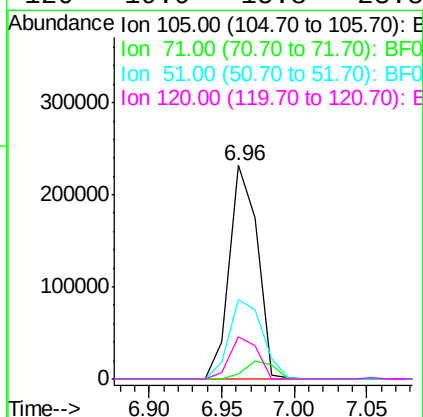
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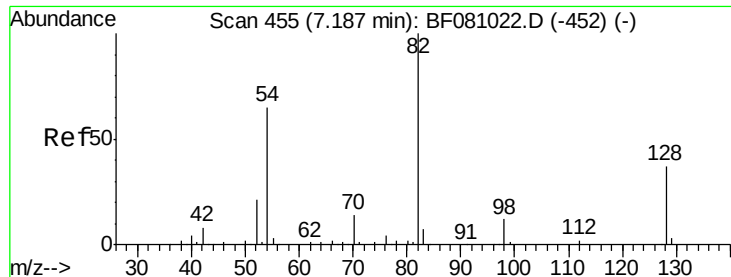
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#22
Acetophenone
Concen: 44.35 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	311160		
71	2.4	3.0	4.6#	
51	37.0	39.8	59.8#	
120	19.9	15.8	23.8	





#23

Nitrobenzene-d5

Concen: 85.80 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

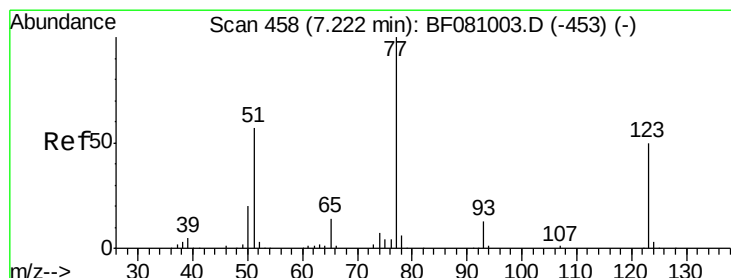
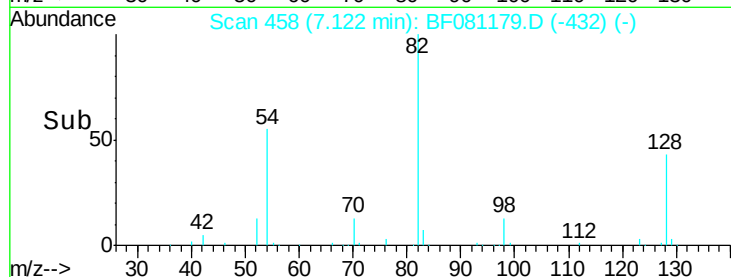
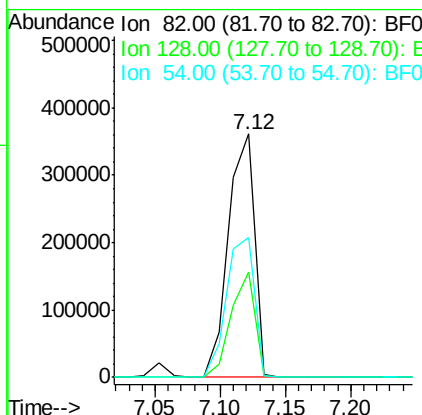
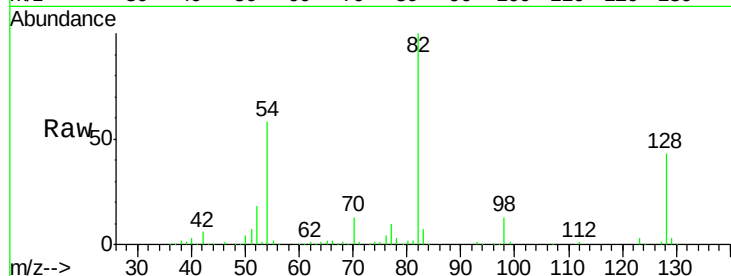
ClientSampleId :

P001-BF001-01MSD

Tgt Ion:	82	Resp:	501974
Ion Ratio		Lower	Upper
82	100		
128	43.2	28.6	42.8#
54	57.6	55.1	82.7

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#24

Nitrobenzene

Concen: 36.22 ng

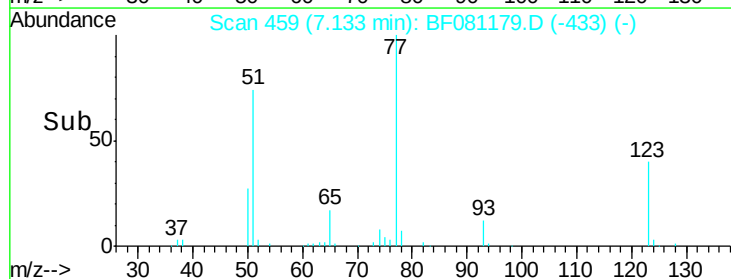
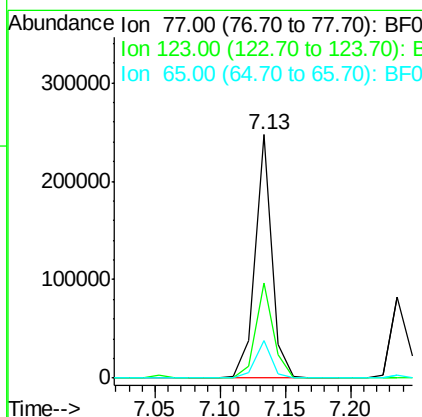
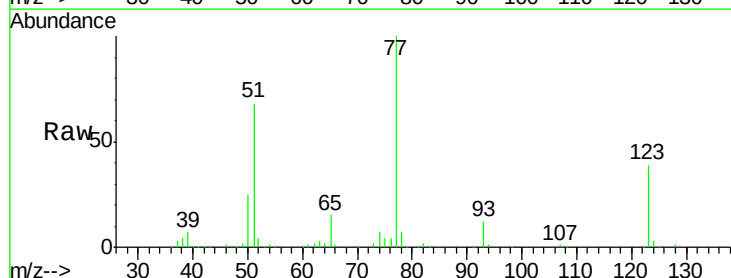
RT: 7.13 min Scan# 459

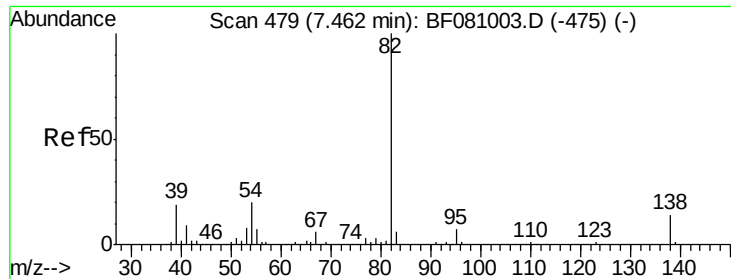
Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	77	Resp:	221569
Ion Ratio		Lower	Upper
77	100		
123	39.1	32.9	49.3
65	15.3	12.5	18.7





#25

Isophorone

Concen: 40.37 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

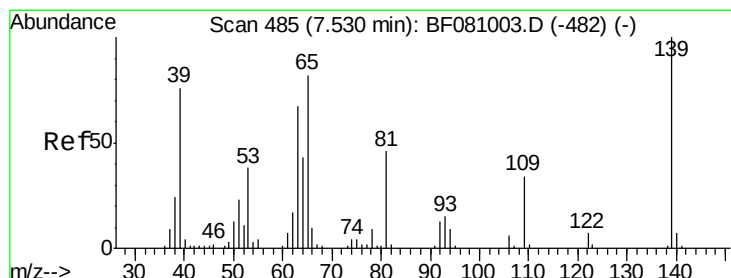
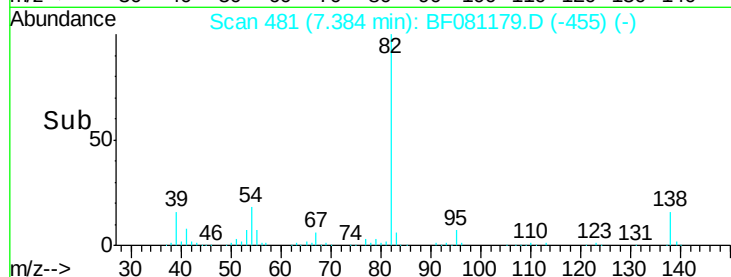
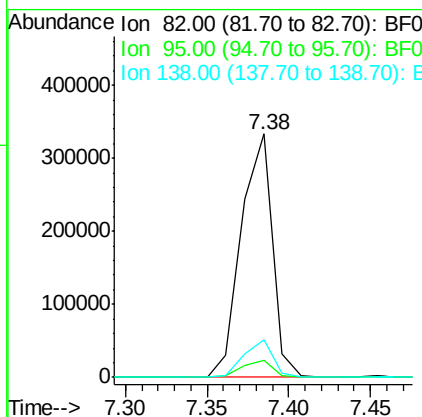
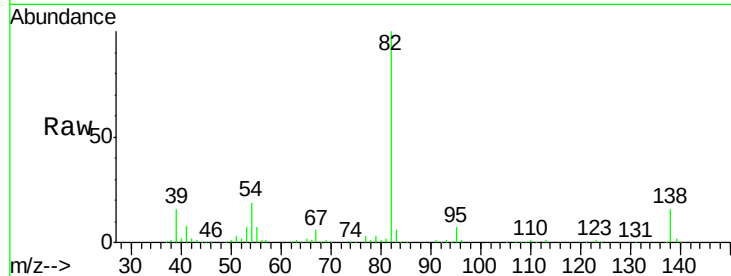
ClientSampleId :

P001-BF001-01MSD

Tgt Ion:	82	Resp:	440428
Ion Ratio		Lower	Upper
82	100		
95	7.0	6.2	9.2
138	15.7	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.07 ng

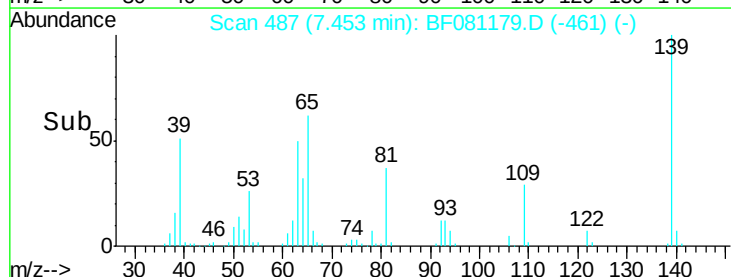
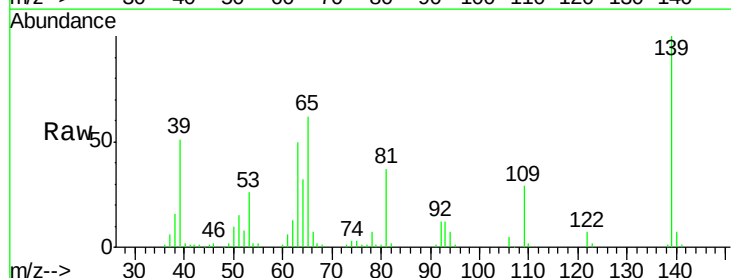
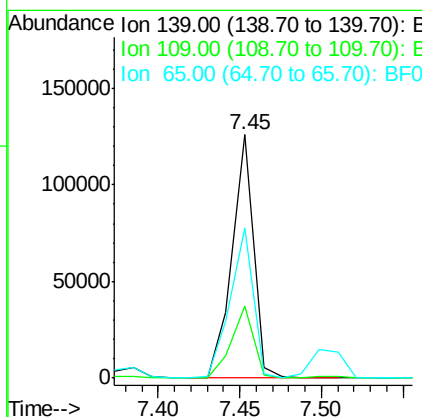
RT: 7.45 min Scan# 487

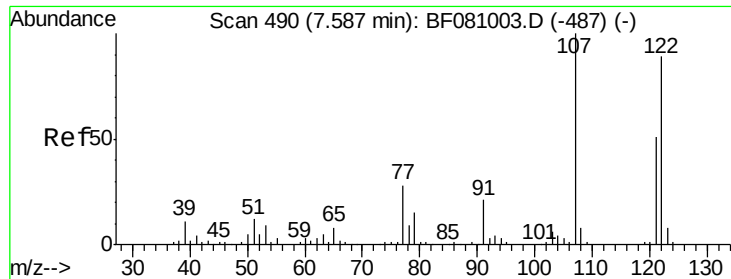
Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	139	Resp:	114662
Ion Ratio		Lower	Upper
139	100		
109	29.4	32.1	48.1#
65	61.7	69.9	104.9#





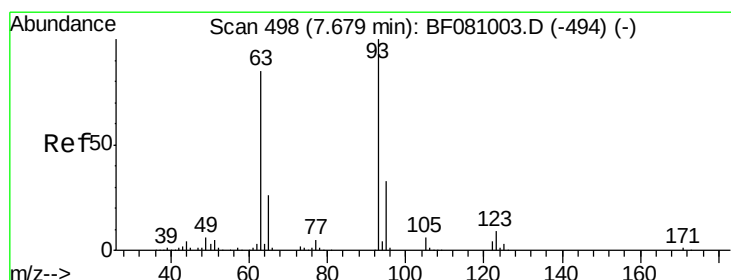
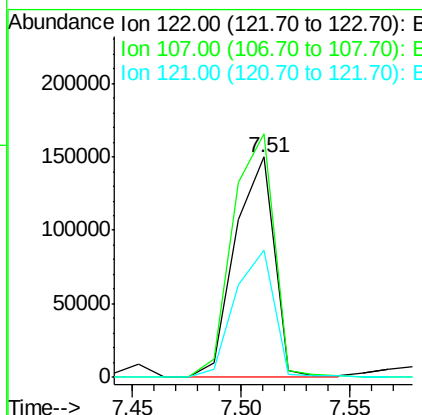
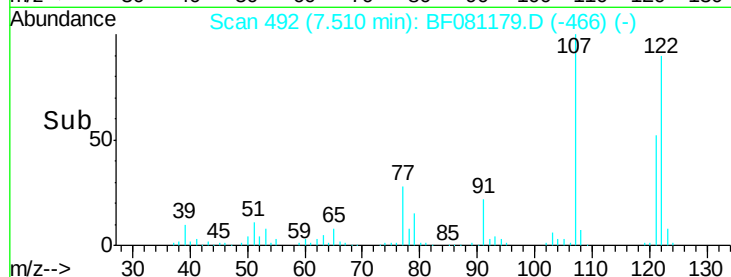
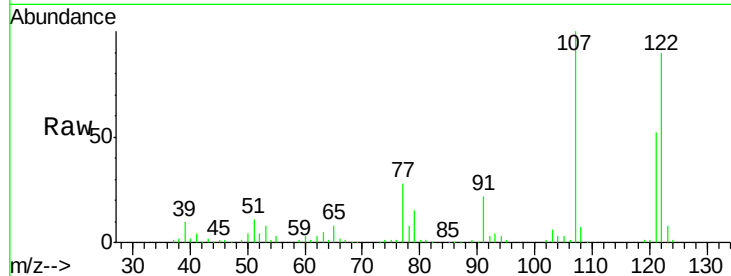
#27
 2,4-Dimethylphenol
 Concen: 41.67 ng
 RT: 7.51 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	187540		
107	110.6	103.8	155.6	
121	57.8	47.0	70.4	

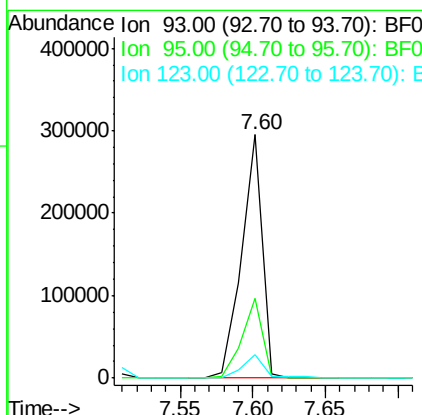
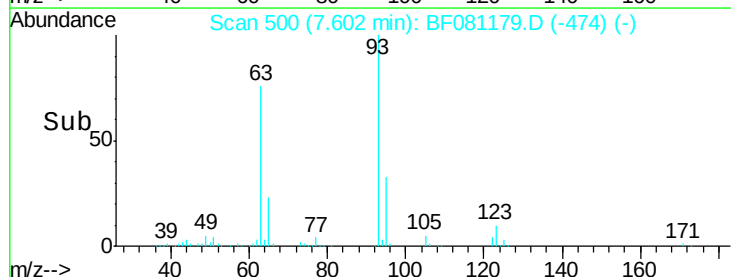
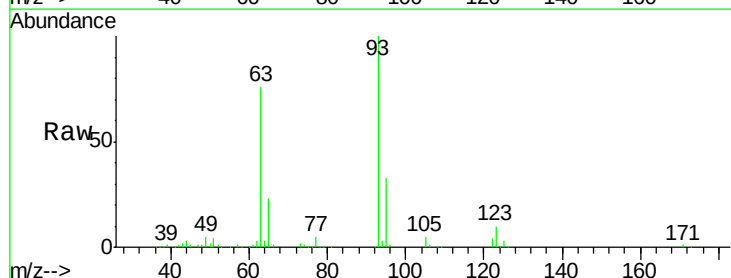
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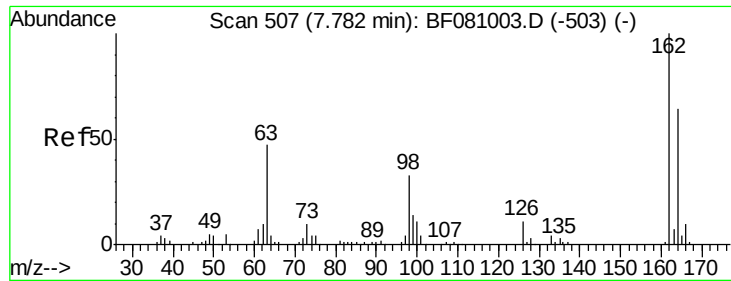
MMDadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.06 ng
 RT: 7.60 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	290447		
95	32.6	25.8	38.8	
123	9.9	7.4	11.0	





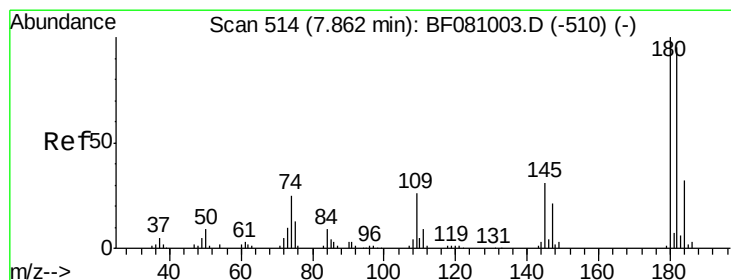
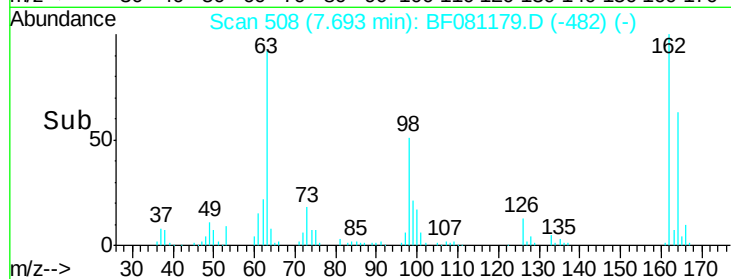
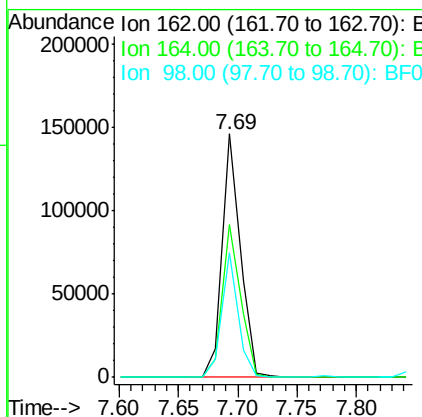
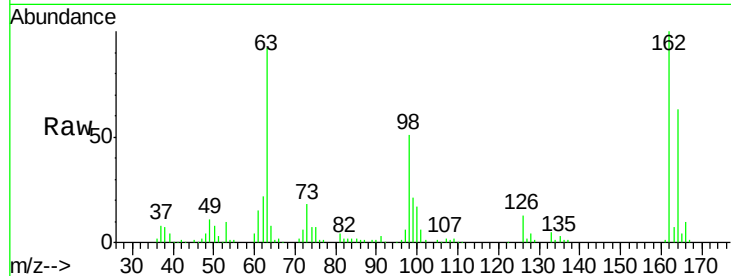
#29
 2,4-Dichlorophenol
 Concen: 40.91 ng
 RT: 7.69 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	154985		
164	62.8	43.2	83.2	
98	51.1	12.3	52.3	

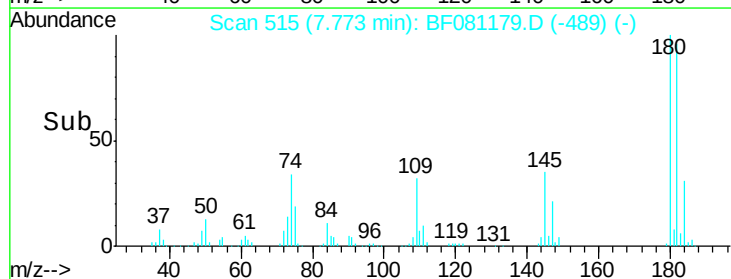
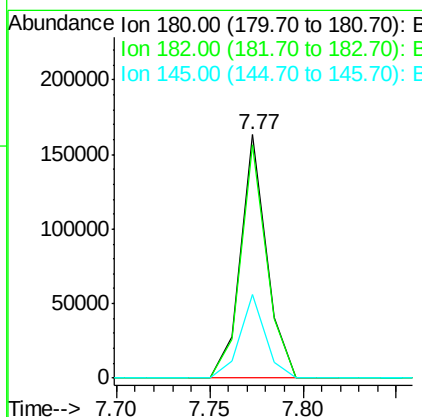
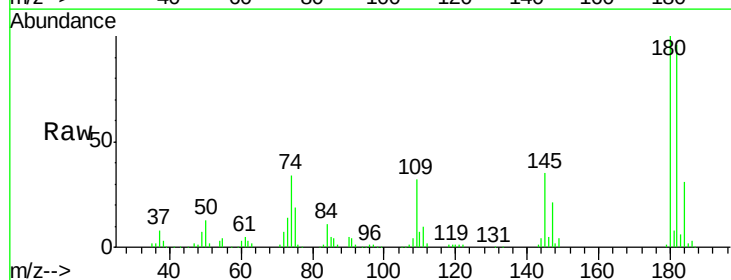
Manual Integrations
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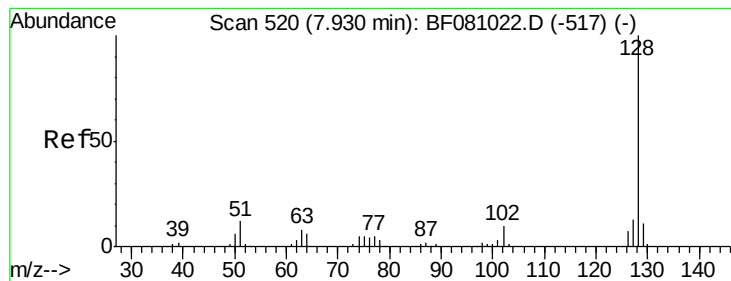
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.75 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158980		
182	95.7	76.4	114.6	
145	34.6	25.4	38.2	





#31

Naphthalene

Concen: 41.67 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

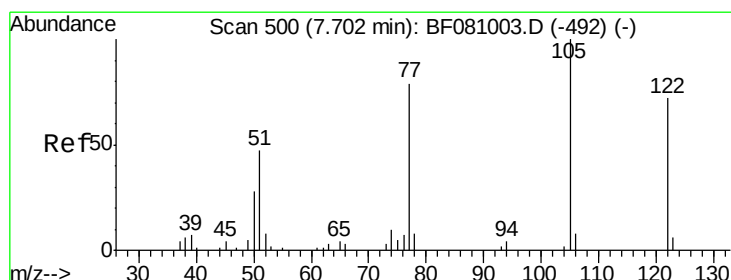
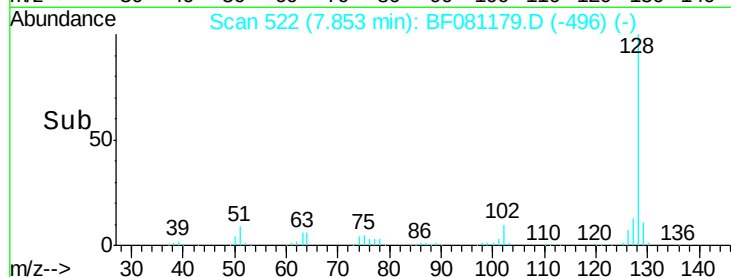
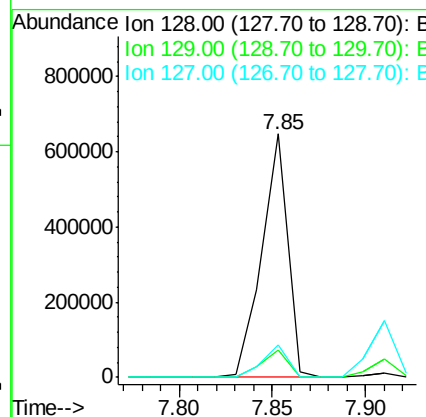
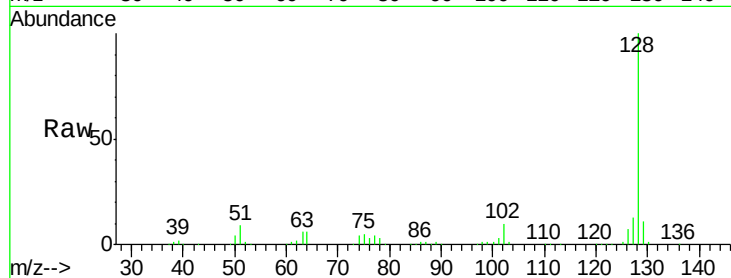
ClientSampleId :

P001-BF001-01MSD

Tgt Ion:	128	Resp:	620724
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.4	12.6
127	13.3	10.6	16.0

Manual Integrations
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#32

Benzoic acid

Concen: 30.36 ng

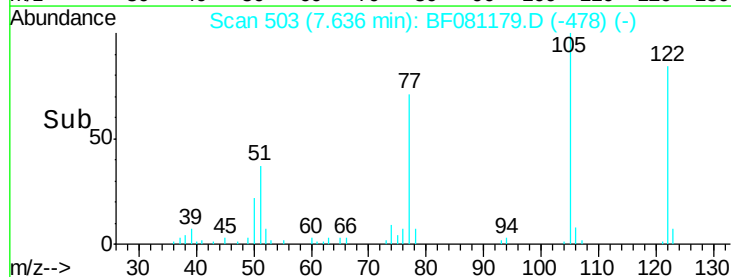
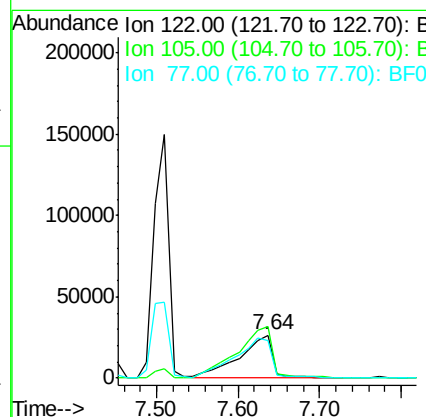
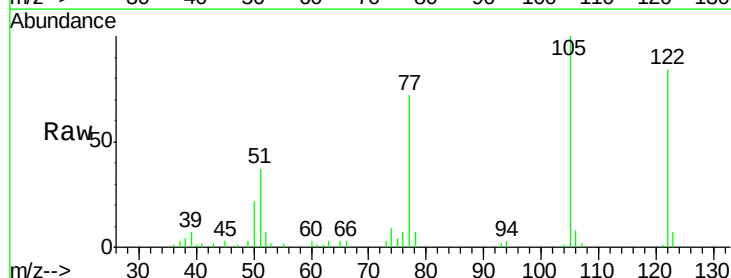
RT: 7.64 min Scan# 503

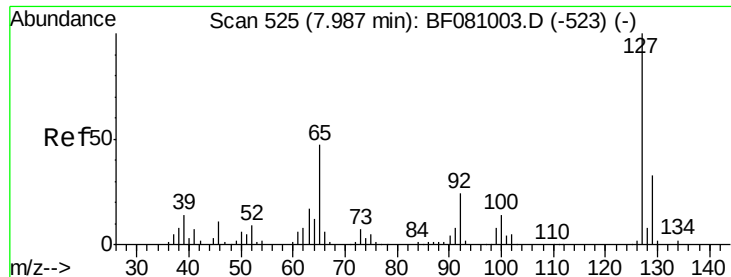
Delta R.T. -0.01 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	122	Resp:	76853
Ion Ratio	Lower	Upper	
122	100		
105	118.6	113.8	153.8
77	85.6	93.8	133.8#





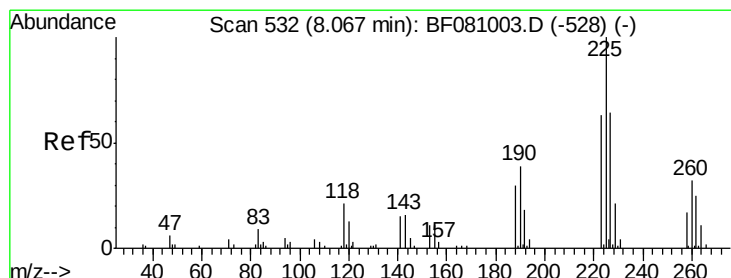
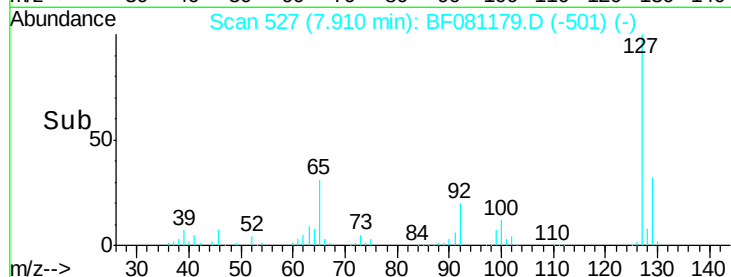
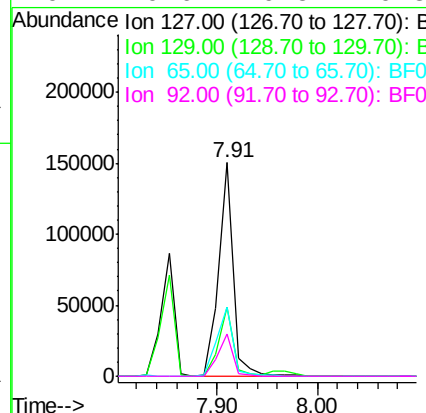
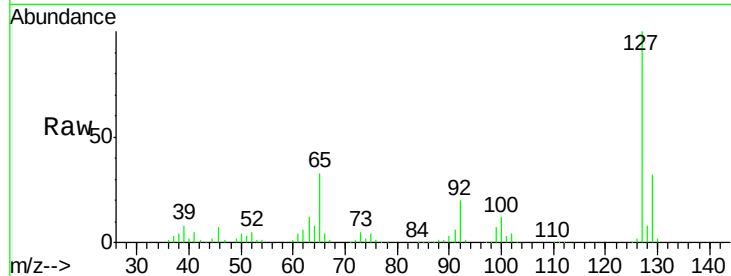
#33
4-Chloroaniline
Concen: 24.27 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.3	25.2	37.8
65	32.5	37.8	56.6
92	19.6	19.5	29.3

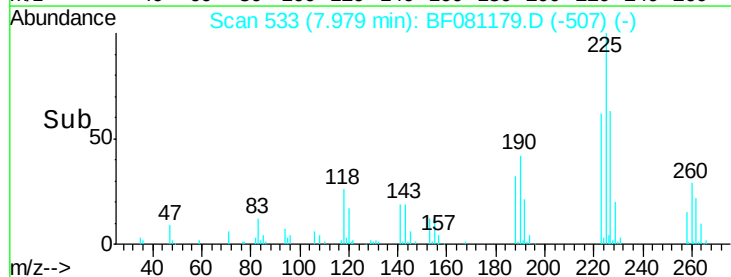
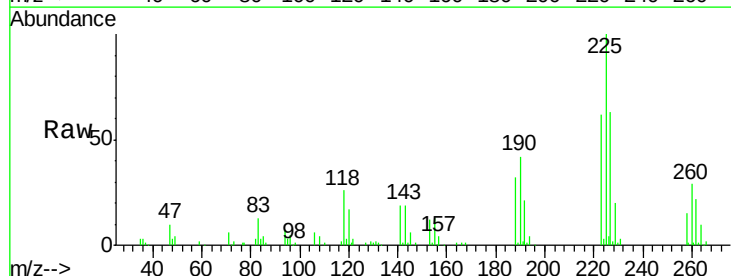
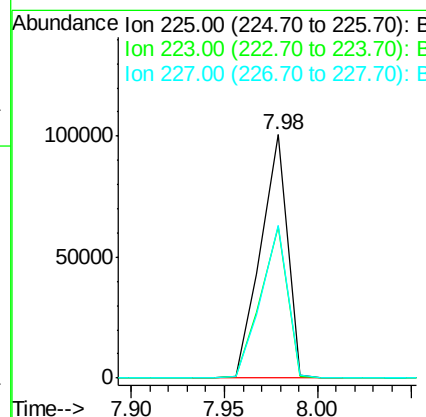
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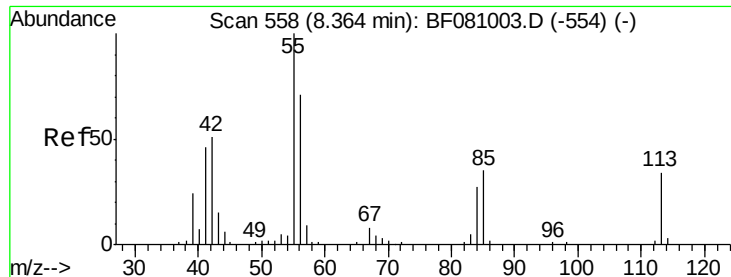
MMDadoda
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#34
Hexachlorobutadiene
Concen: 42.05 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.1	52.6	79.0
227	62.7	51.1	76.7





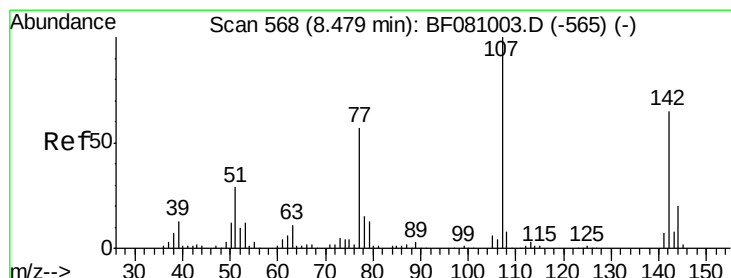
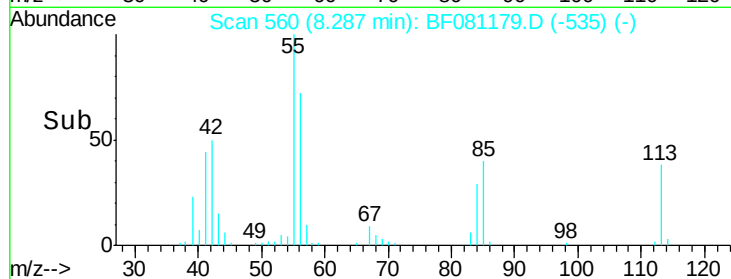
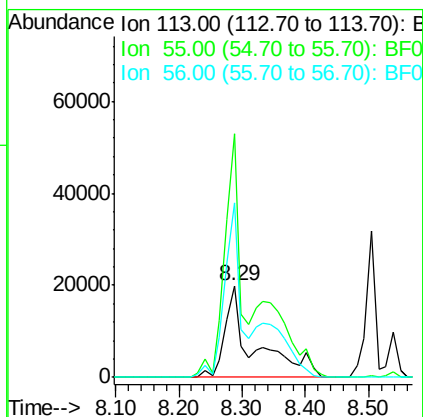
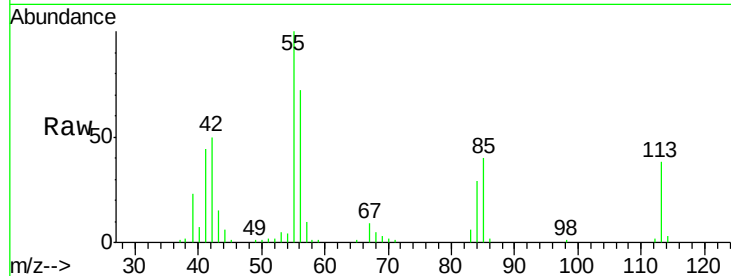
#35
 Caprolactam
 Concen: 46.76 ng m
 RT: 8.29 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion:113 Resp: 61926
 Ion Ratio Lower Upper
 113 100
 55 266.5 280.4 320.4#
 56 190.5 205.9 245.9#

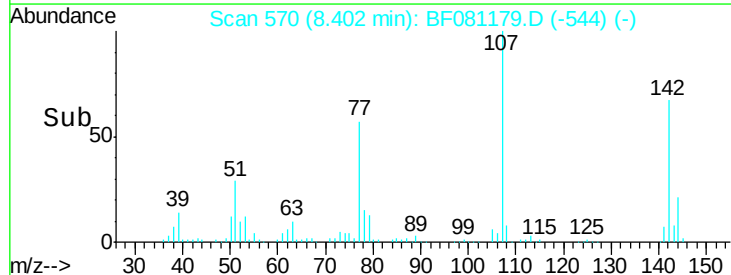
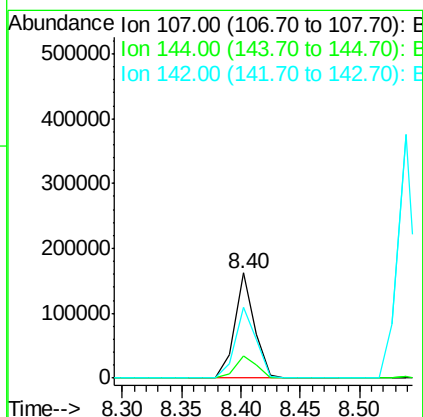
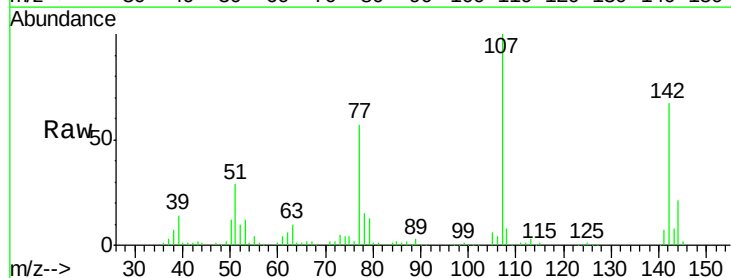
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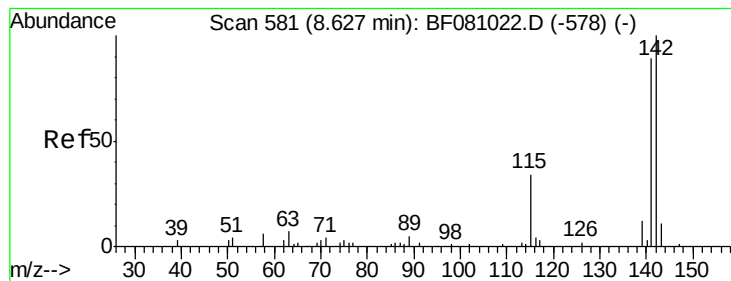
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#36
 4-Chloro-3-methylphenol
 Concen: 41.45 ng
 RT: 8.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion:107 Resp: 187176
 Ion Ratio Lower Upper
 107 100
 144 21.0 17.2 25.8
 142 66.9 54.9 82.3





#37

2-Methylnaphthalene

Concen: 38.71 ng

RT: 8.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF081179.D

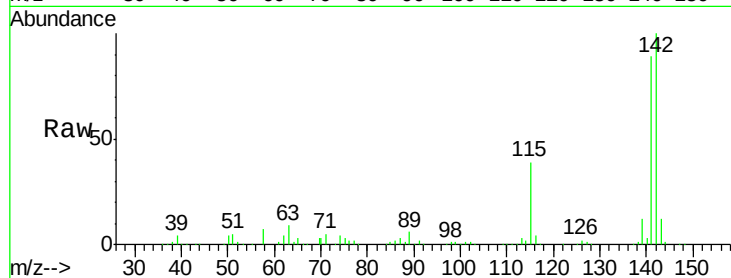
Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

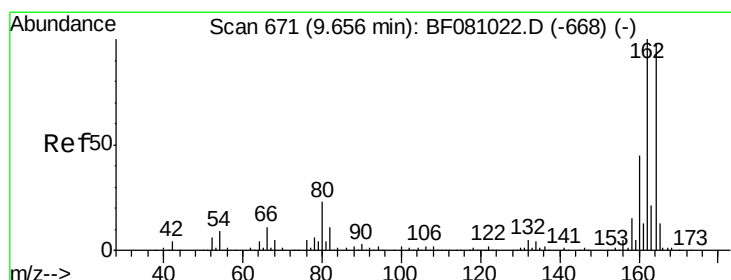
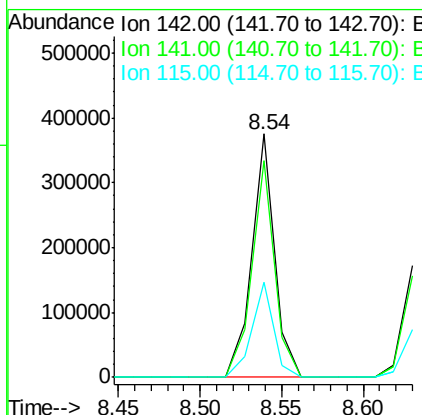
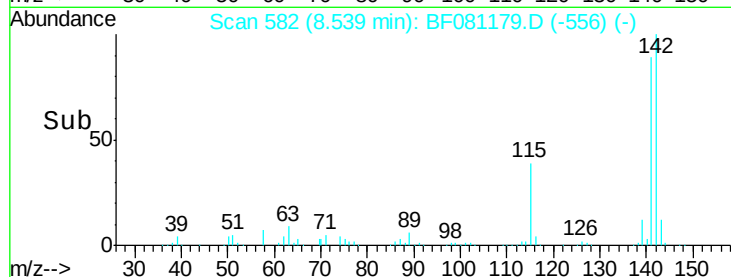
P001-BF001-01MSD



Tgt Ion:	142	Resp:	364268
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.4	107.2
115	39.1	33.4	50.0

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#38

Acenaphthene-d10

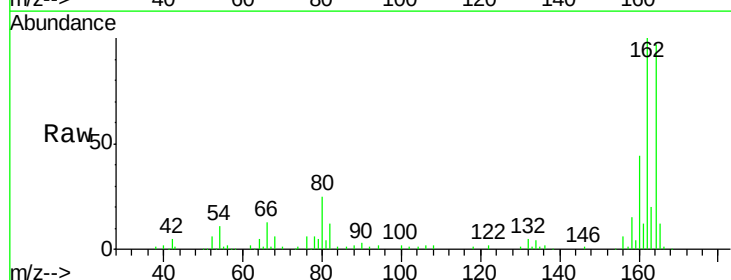
Concen: 20.00 ng

RT: 9.57 min Scan# 672

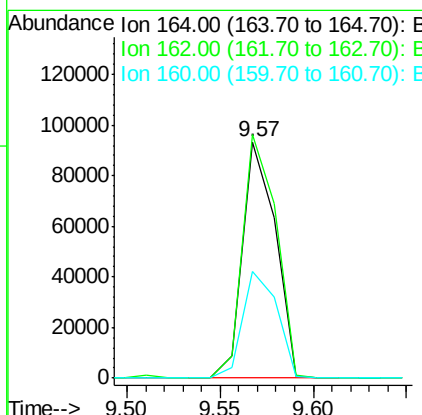
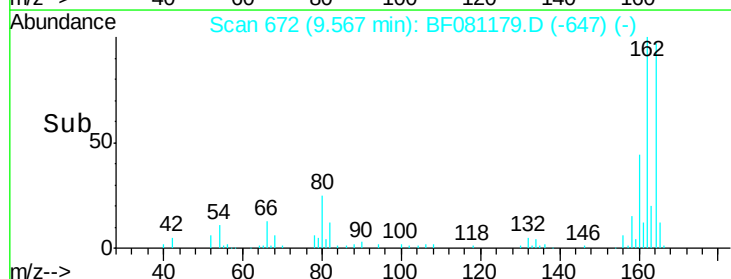
Delta R.T. -0.01 min

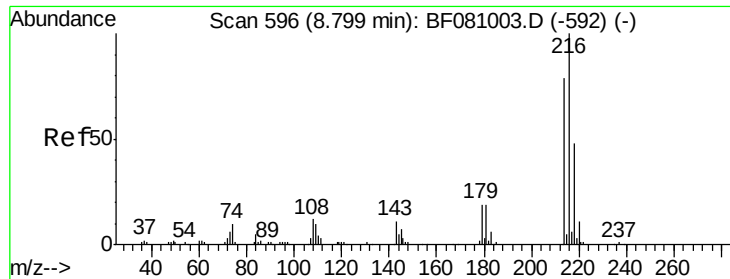
Lab File: BF081179.D

Acq: 24 Aug 2015 20:32



Tgt Ion:	164	Resp:	114050
Ion Ratio	Lower	Upper	
164	100		
162	102.9	83.8	125.8
160	45.0	39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.69 ng

RT: 8.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

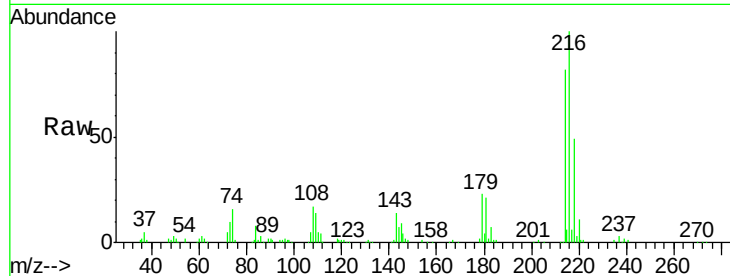
ClientSampleId :

P001-BF001-01MSD

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		164437		
214	81.4	63.8	95.8		
179	23.0	17.8	26.8		
108	23.2	16.2	24.2		

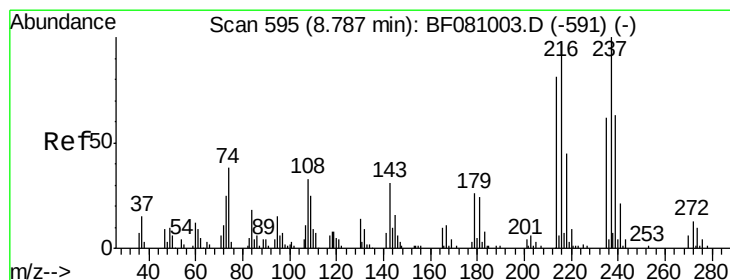
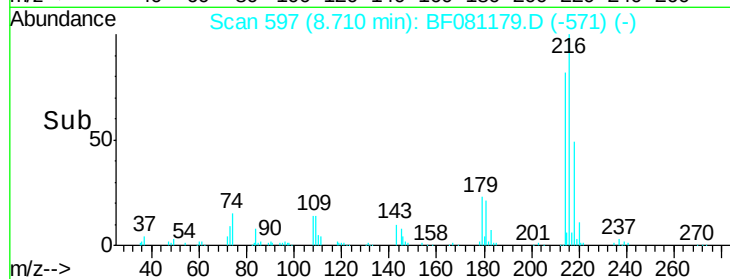
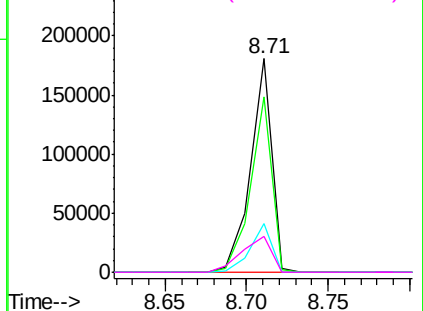


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.81 ng

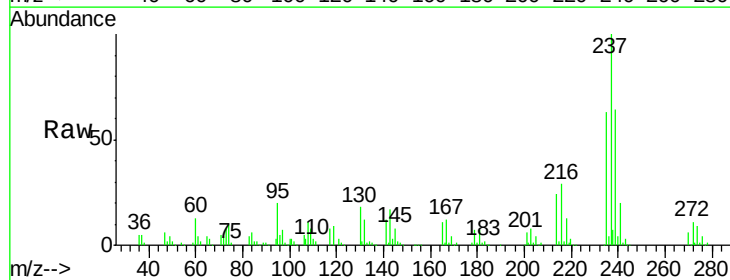
RT: 8.70 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

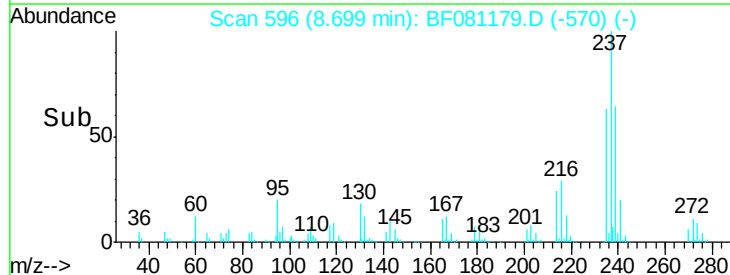
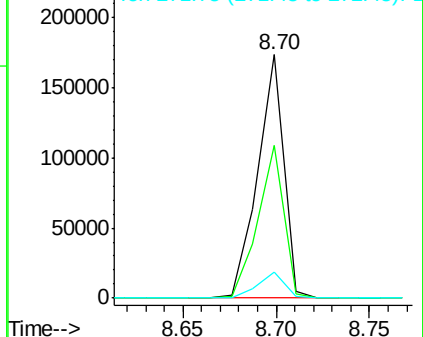
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		167242		
235	62.9	43.6	83.6		
272	10.9	0.0	32.2		

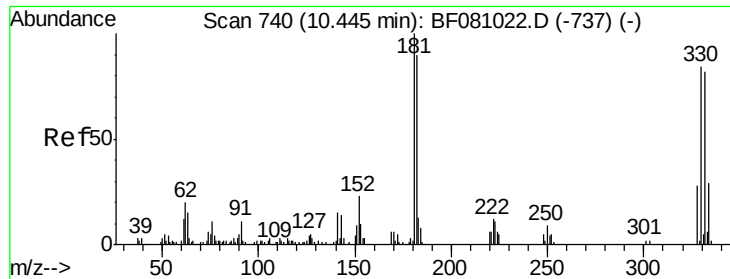


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 119.99 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

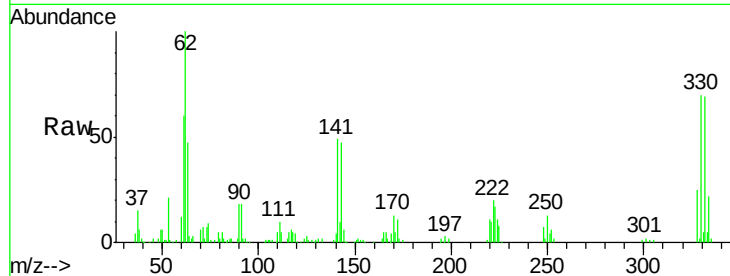
ClientSampleId :

P001-BF001-01MSD

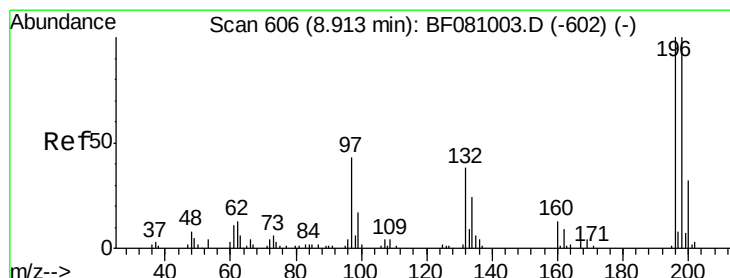
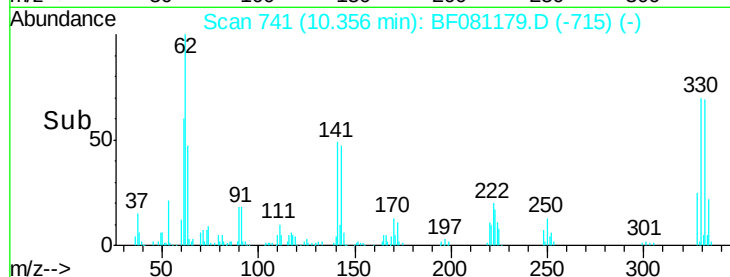
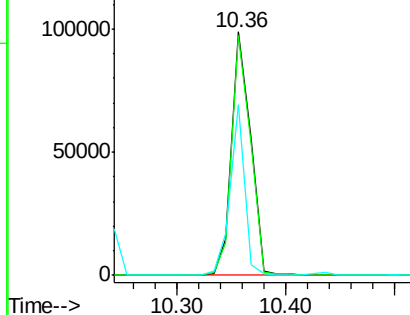
Tgt Ion:	330	Resp:	118629
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.3	115.9
141	53.8	44.9	67.3

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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: 44.53 ng

RT: 8.82 min Scan# 607

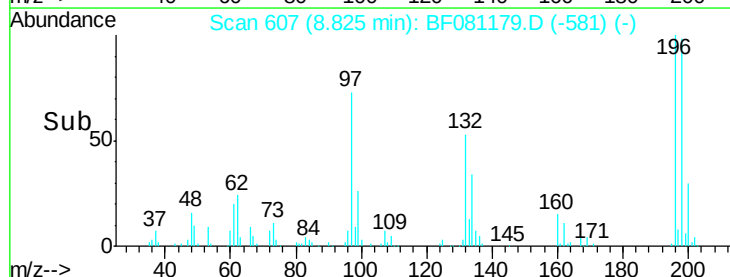
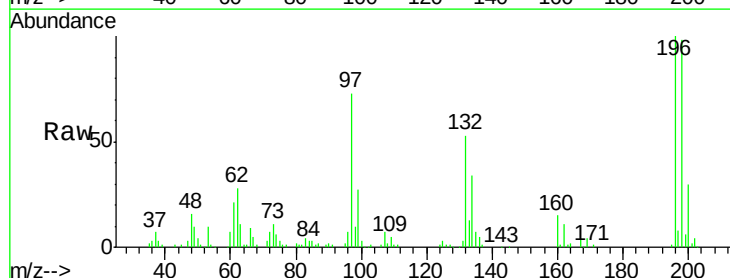
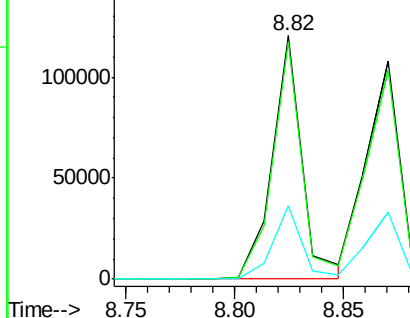
Delta R.T. -0.00 min

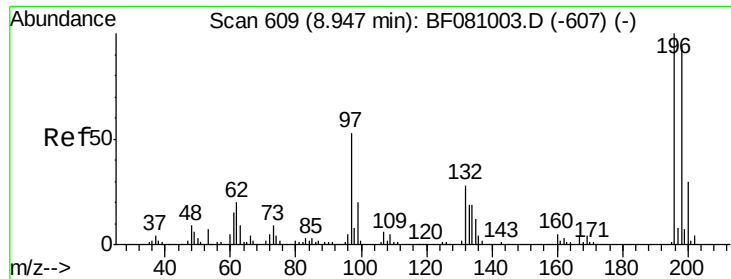
Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	196	Resp:	115751
Ion Ratio	Lower	Upper	
196	100		
198	97.6	74.6	111.8
200	30.2	22.7	34.1

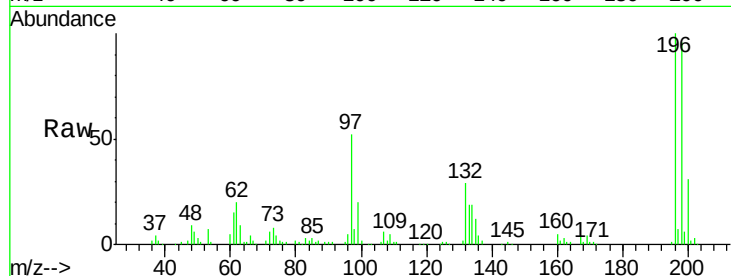
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 45.13 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

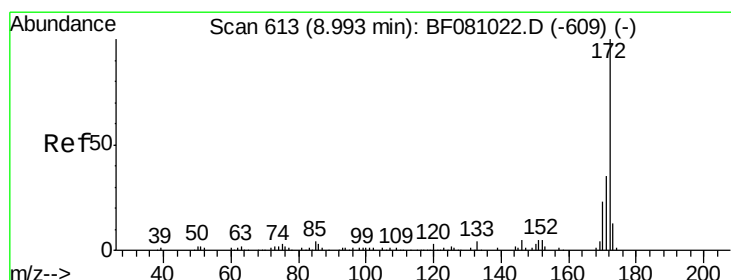
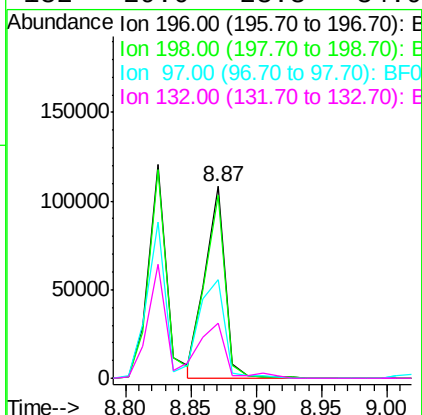
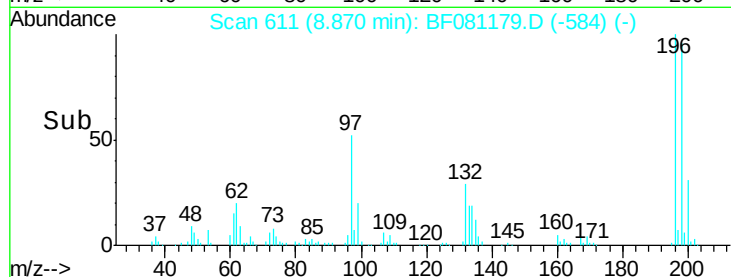
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117256		
198	95.7	78.3	117.5	
97	51.5	42.7	64.1	
132	29.0	23.3	34.9	

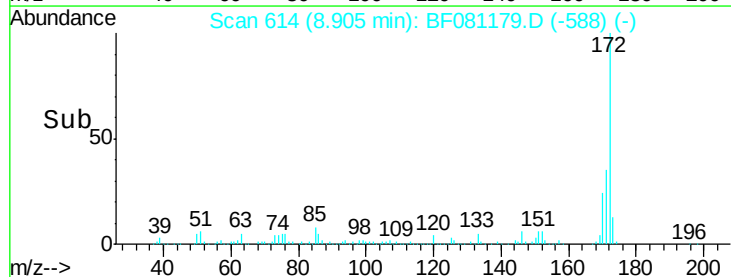
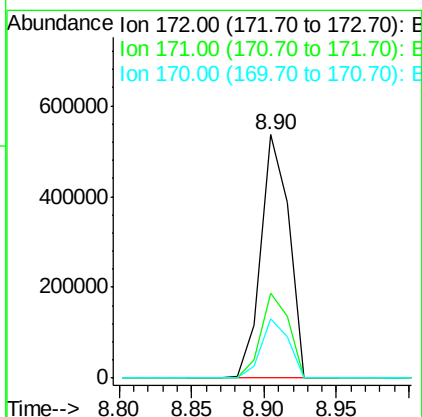
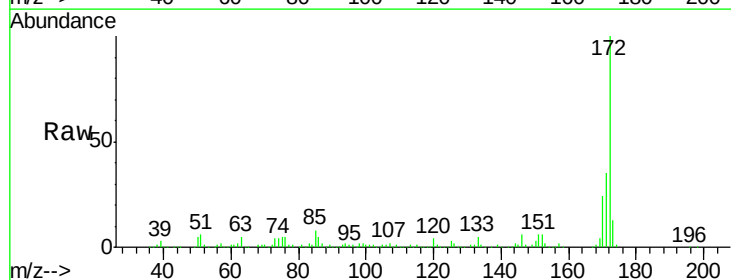
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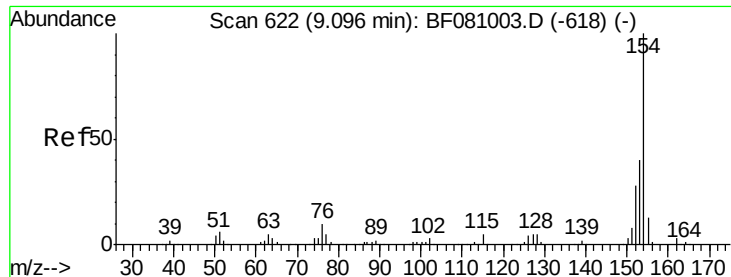
MMDadoda
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#44
 2-Fluorobiphenyl
 Concen: 82.28 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	716193		
171	35.1	28.9	43.3	
170	24.2	19.4	29.2	





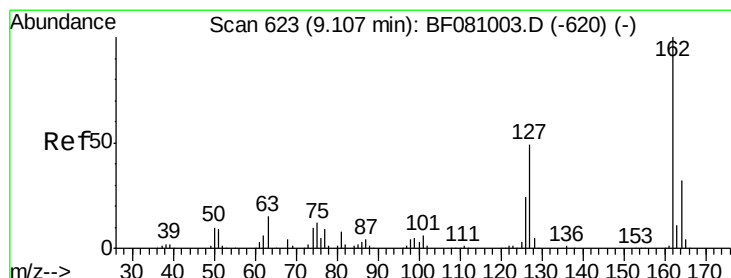
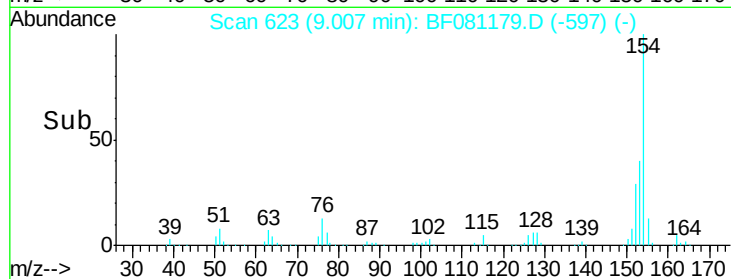
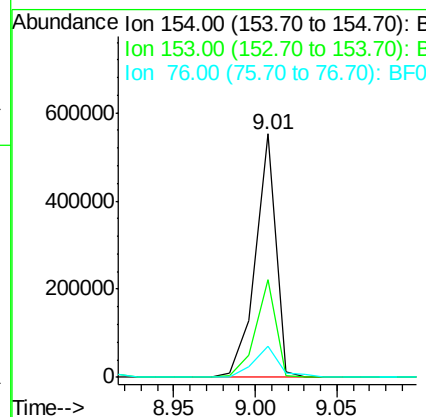
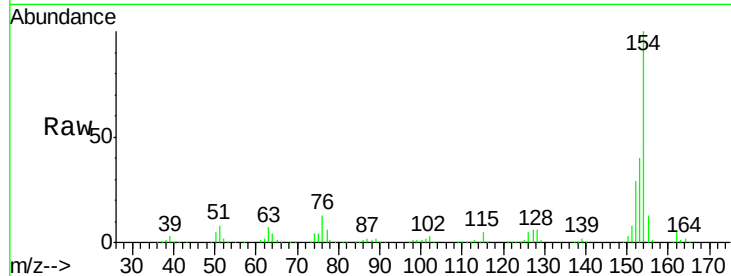
#45
1,1'-Biphenyl
Concen: 47.97 ng
RT: 9.01 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	481892		
153	40.1	19.5	59.5	
76	12.8	0.0	29.3	

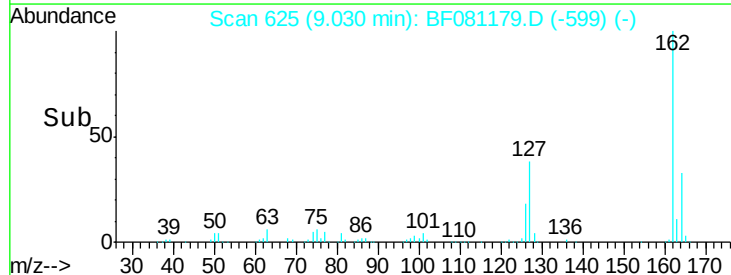
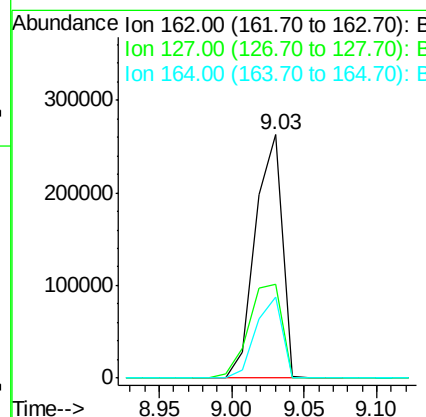
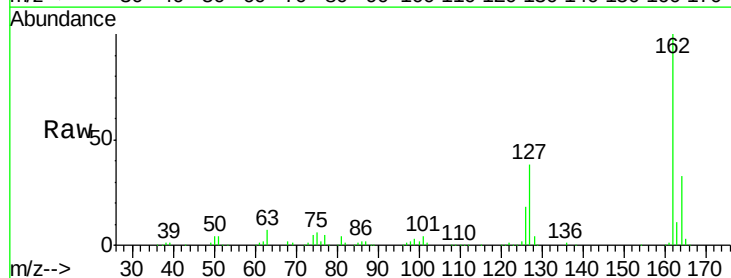
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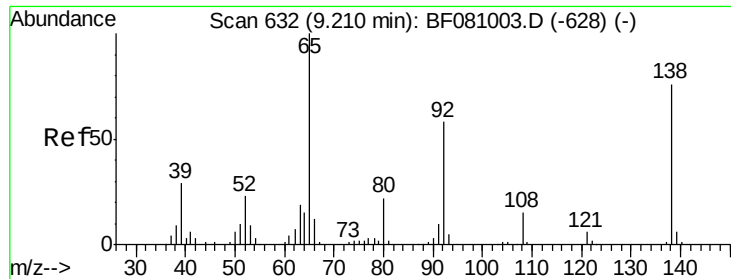
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#46
2-Chloronaphthalene
Concen: 41.76 ng
RT: 9.03 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	337030		
127	38.5	31.3	46.9	
164	33.4	26.3	39.5	





#47

2-Nitroaniline

Concen: 44.43 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

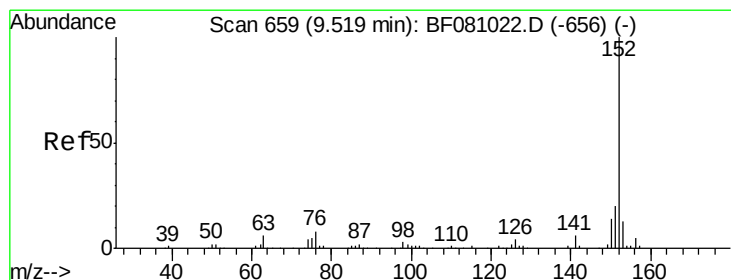
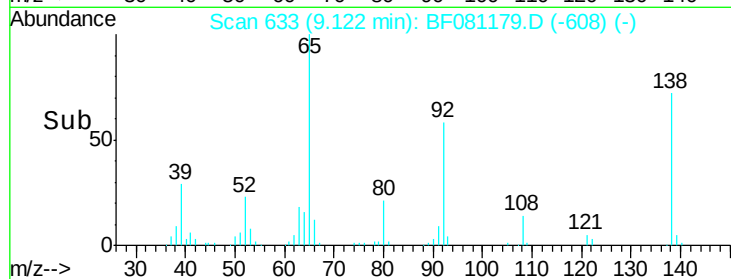
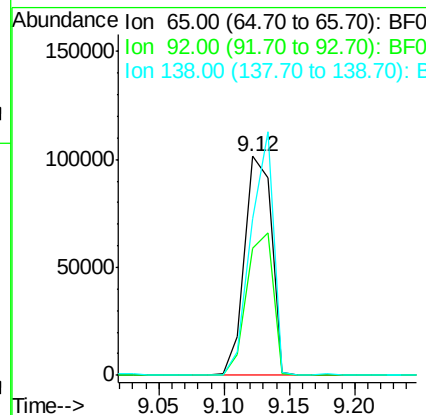
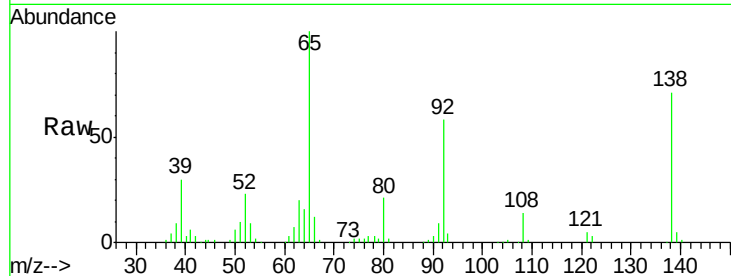
ClientSampleId :

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Tgt Ion:	65	Resp:	146746
Ion Ratio	Lower	Upper	
65	100		
92	58.3	45.6	68.4
138	71.4	57.9	86.9



#48

Acenaphthylene

Concen: 37.72 ng

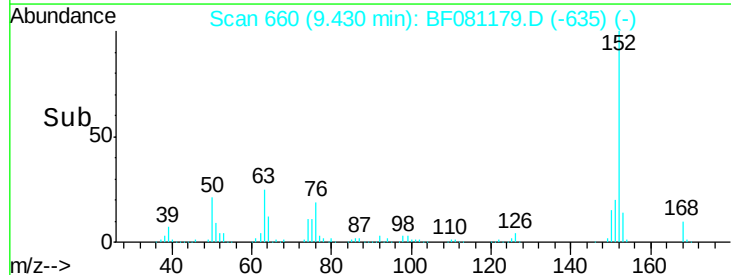
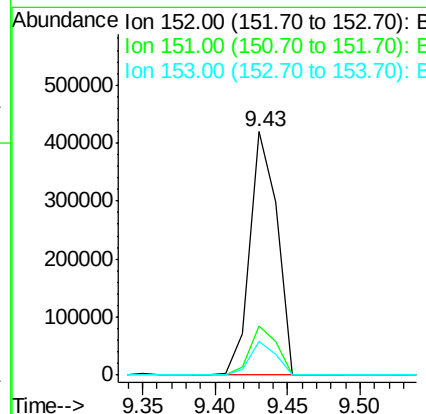
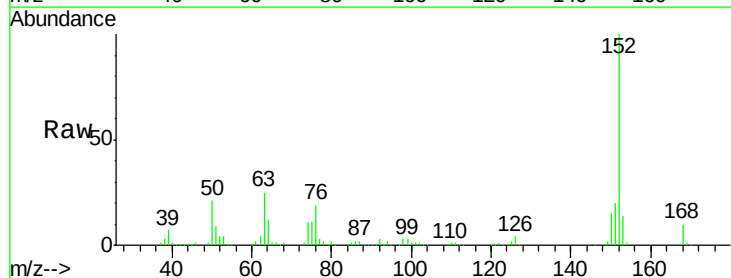
RT: 9.43 min Scan# 660

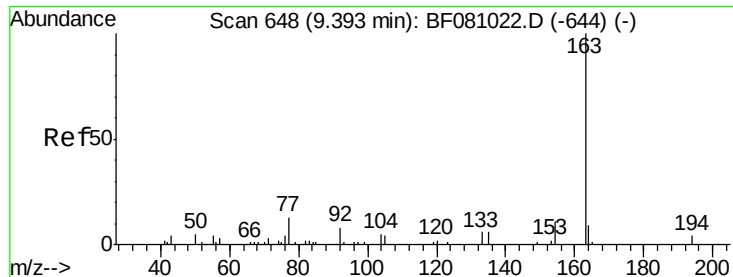
Delta R.T. -0.01 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	152	Resp:	544578
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.1	24.1
153	13.9	9.8	14.6





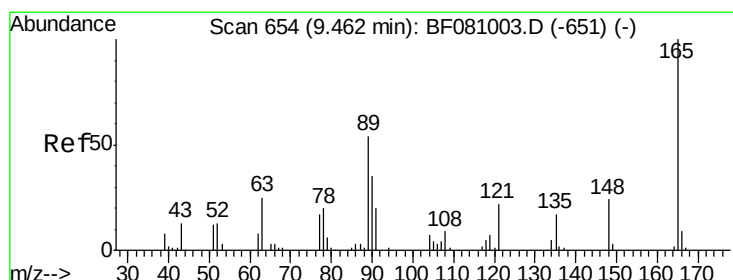
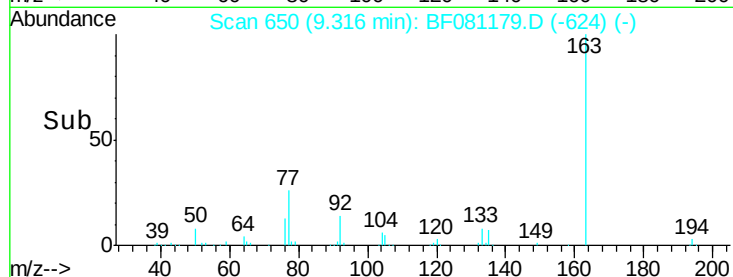
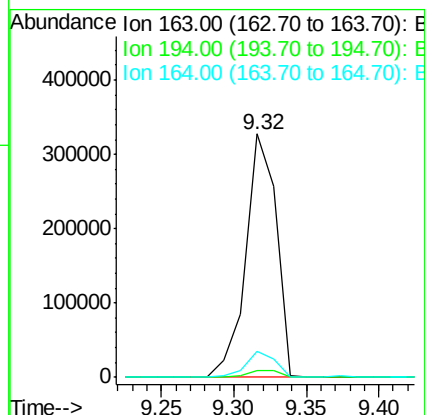
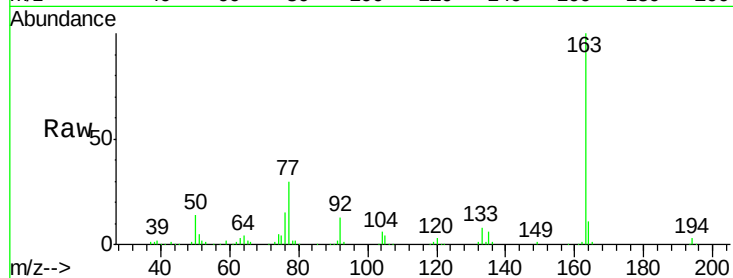
#49
Dimethylphthalate
Concen: 50.85 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	477635		
194	3.0	2.5	3.7	
164	10.7	8.1	12.1	

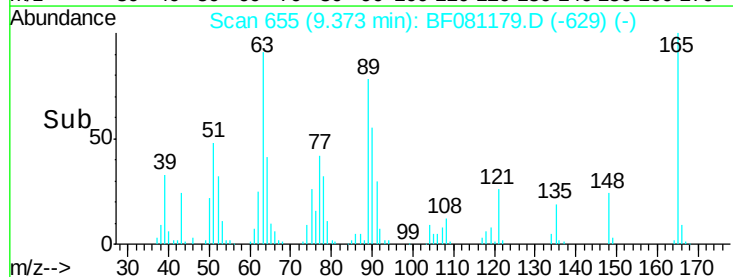
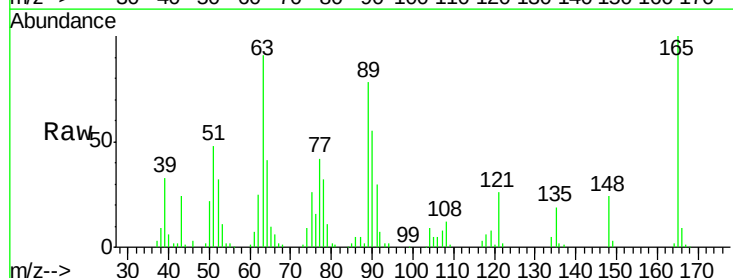
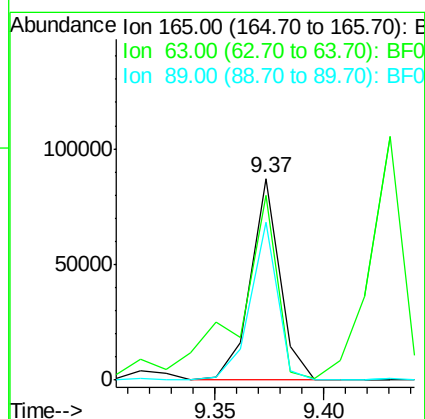
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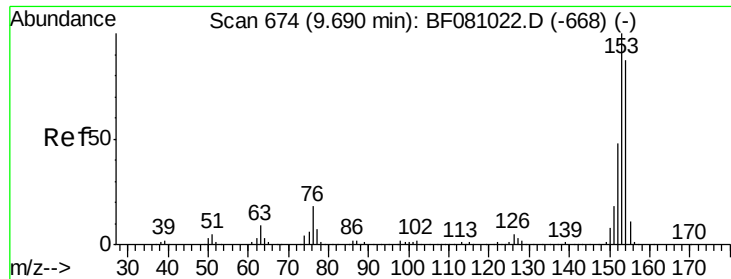
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#50
2,6-Dinitrotoluene
Concen: 40.37 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81411		
63	91.5	49.5	74.3#	
89	78.5	47.6	71.4#	





#51

Acenaphthene

Concen: 37.29 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081179.D

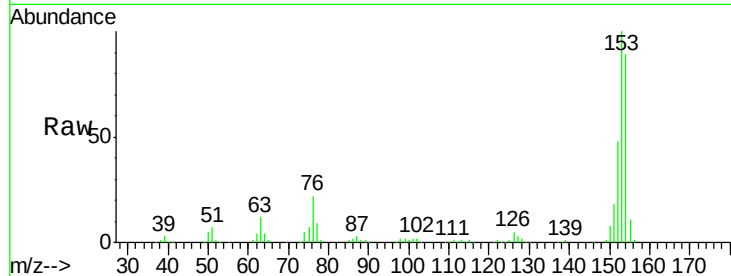
Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

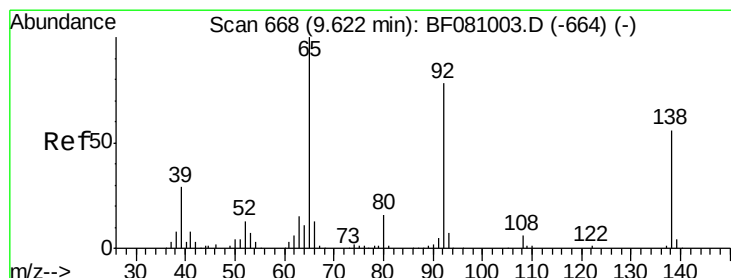
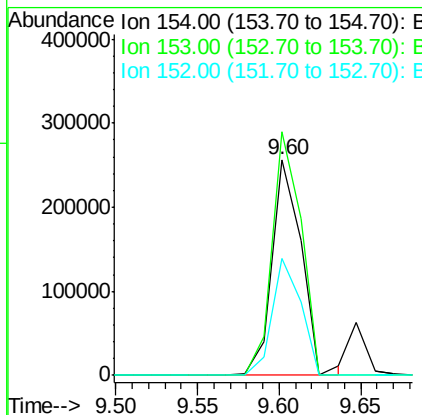
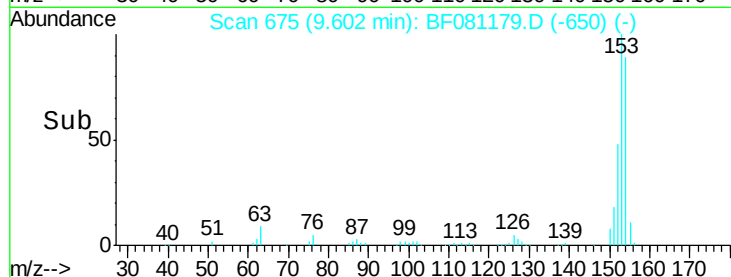
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.8	91.4	137.2	
152	54.4	43.7	65.5	

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#52

3-Nitroaniline

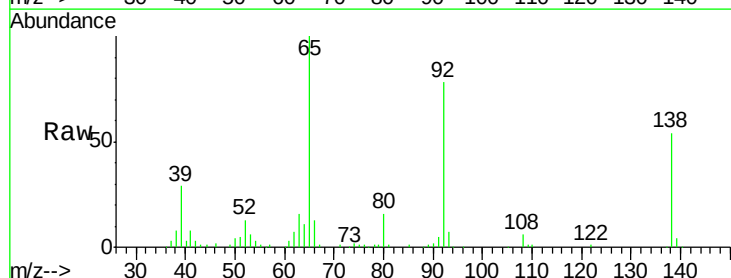
Concen: 27.50 ng

RT: 9.53 min Scan# 669

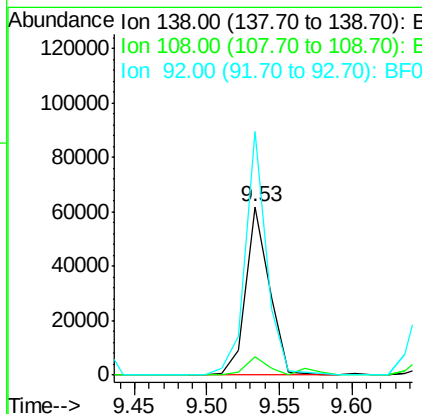
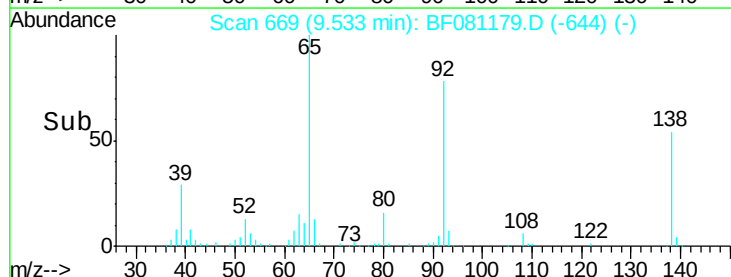
Delta R.T. -0.01 min

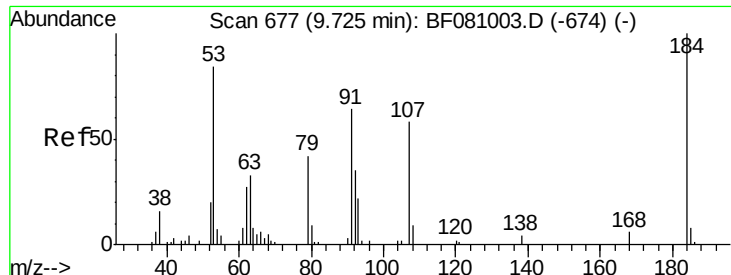
Lab File: BF081179.D

Acq: 24 Aug 2015 20:32



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.9	9.4	14.2	
92	144.8	113.2	169.8	





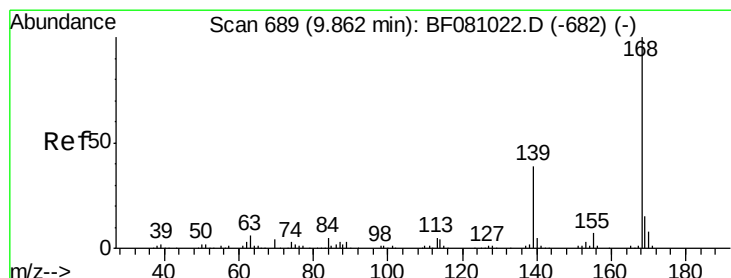
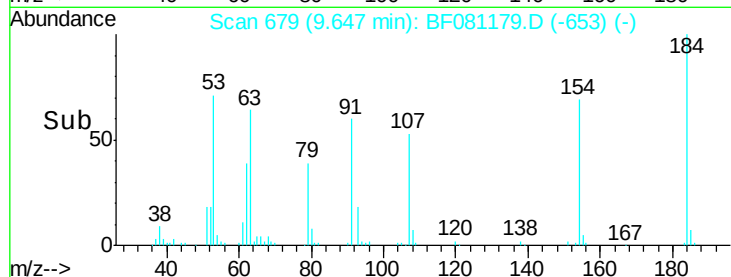
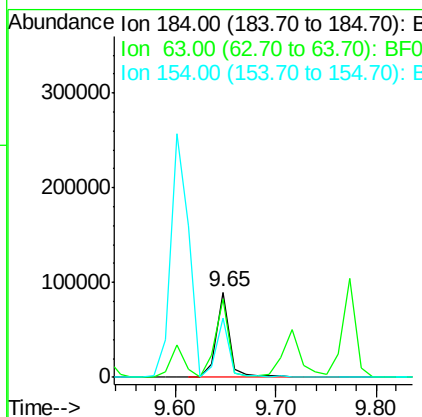
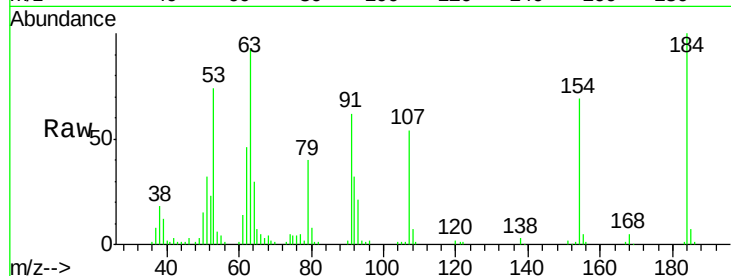
#53
 2,4-Dinitrophenol
 Concen: 75.02 ng
 RT: 9.65 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	83257		
63	92.1	101.7	152.5#	
154	69.4	67.4	101.0	

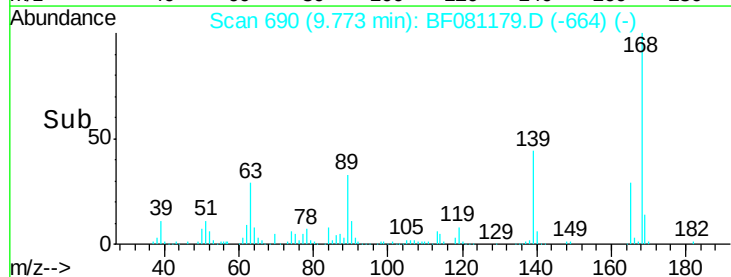
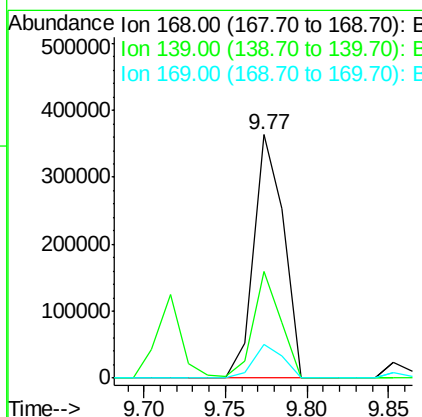
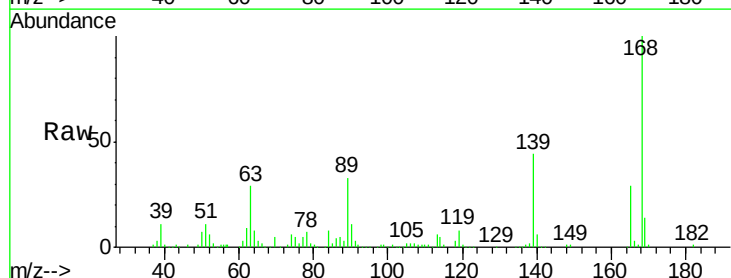
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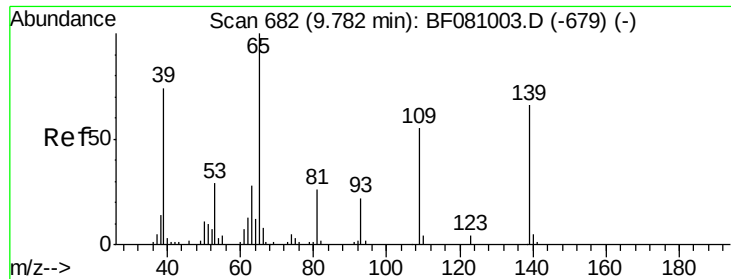
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#54
 Dibenzofuran
 Concen: 39.82 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	461223		
139	43.6	29.3	43.9	
169	13.8	10.3	15.5	





#55

4-Nitrophenol

Concen: 76.33 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

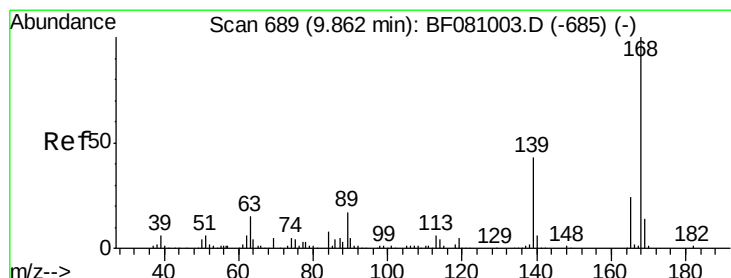
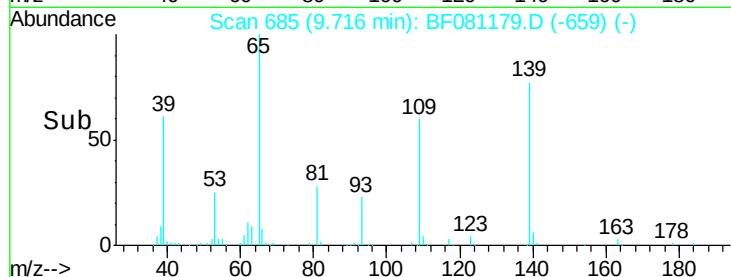
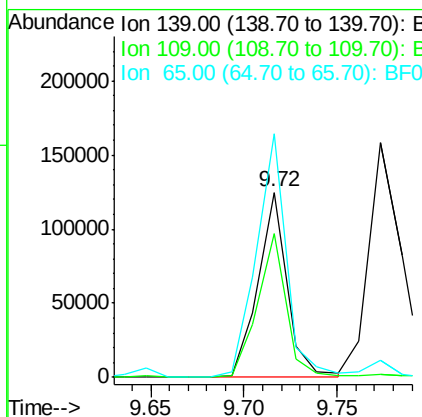
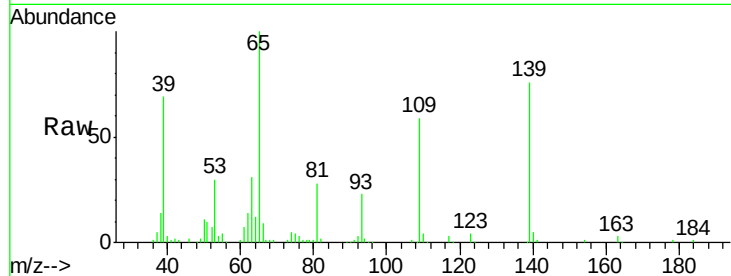
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	135290		
109	77.7	80.0	120.0#	
65	131.7	138.3	178.3#	

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#56

2,4-Dinitrotoluene

Concen: 39.26 ng

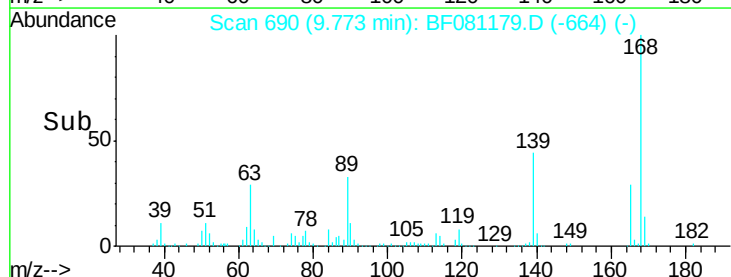
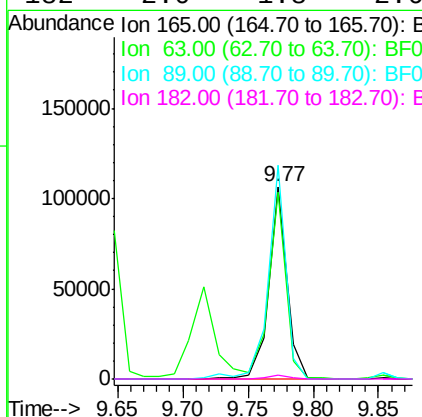
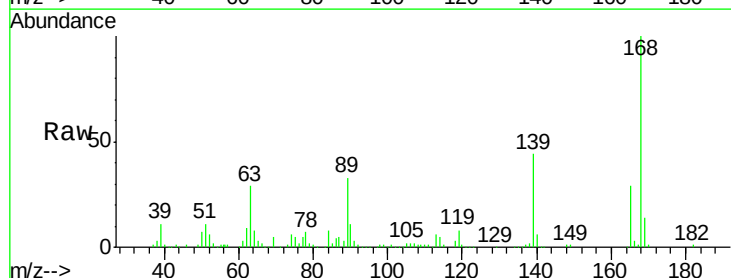
RT: 9.77 min Scan# 690

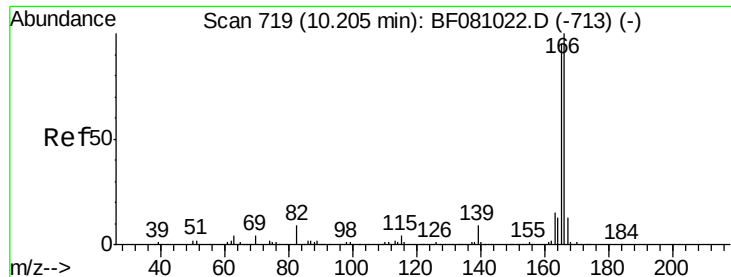
Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104925		
63	97.3	52.2	78.4#	
89	110.9	60.1	90.1#	
182	2.0	1.8	2.6	





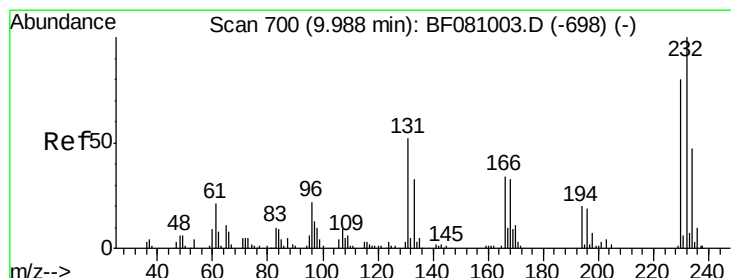
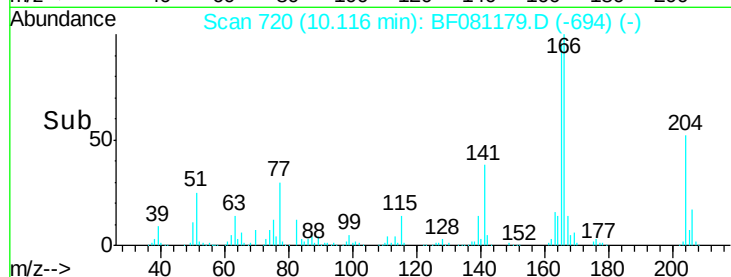
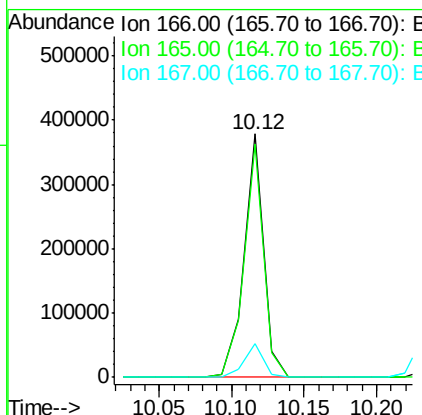
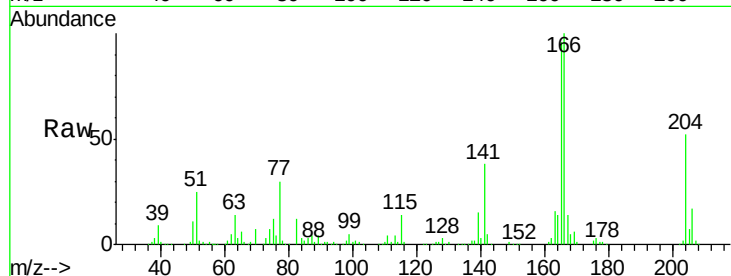
#57
 Fluorene
 Concen: 39.66 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	353359		
165	95.9	75.8	113.8	
167	13.9	11.3	16.9	

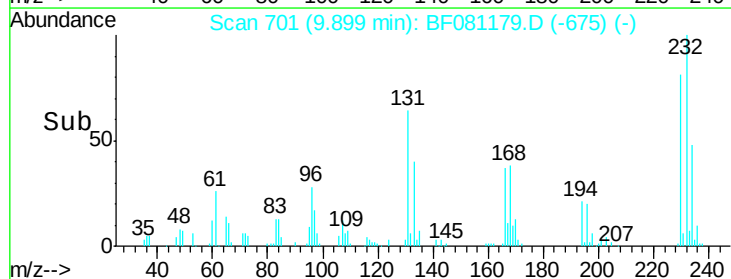
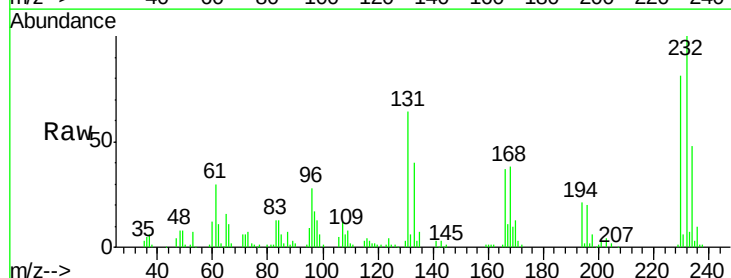
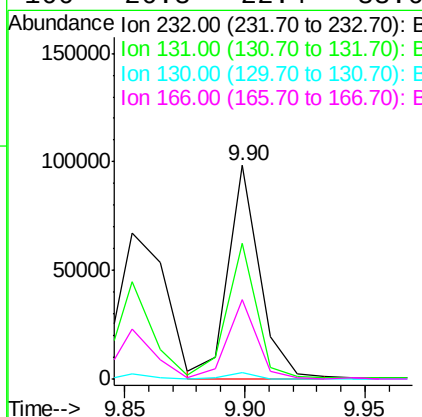
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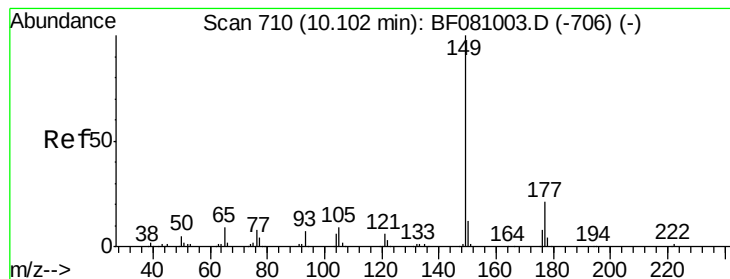
MMDadoda
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.68 ng m
 RT: 9.90 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	89838		
131	48.3	42.2	63.4	
130	2.4	2.1	3.1	
166	26.3	22.4	33.6	





#59

Diethylphthalate

Concen: 40.89 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF081179.D

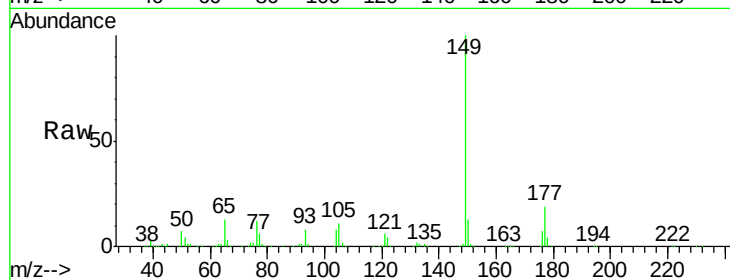
Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

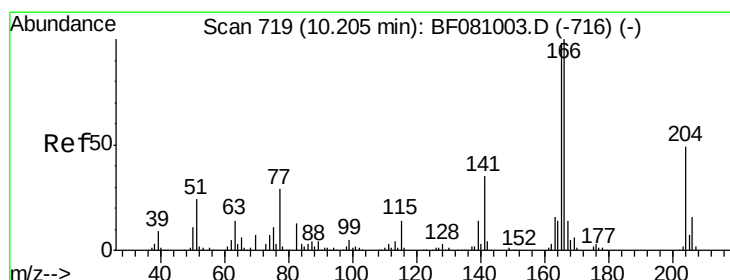
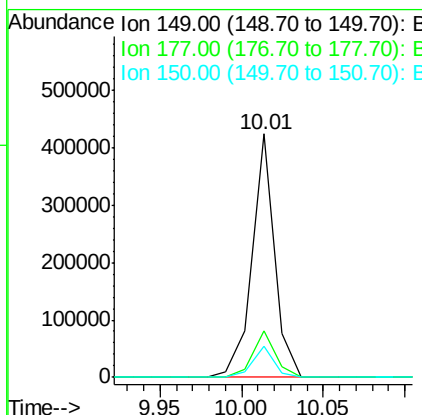
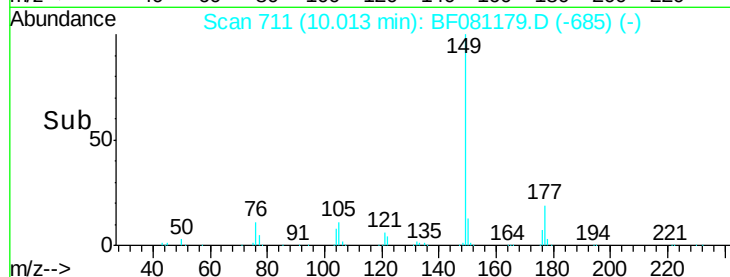
P001-BF001-01MSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	406556		
177	18.8	14.1	21.1	
150	12.8	10.3	15.5	

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#60

4-Chlorophenyl-phenylether

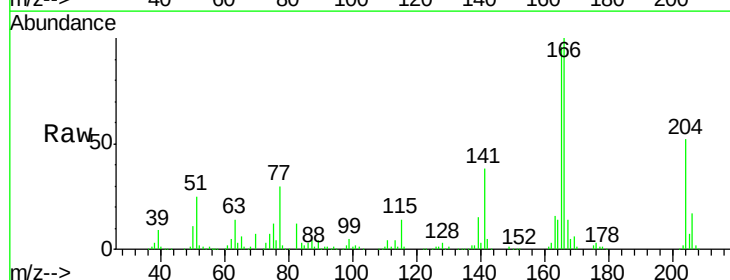
Concen: 43.81 ng

RT: 10.12 min Scan# 720

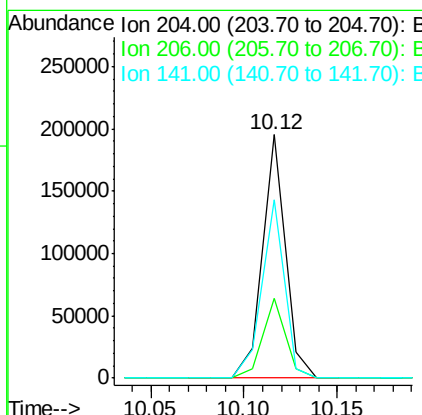
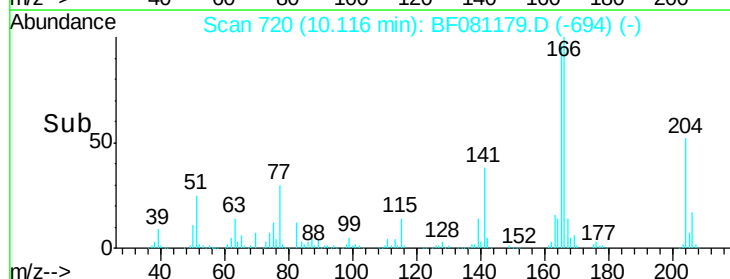
Delta R.T. -0.00 min

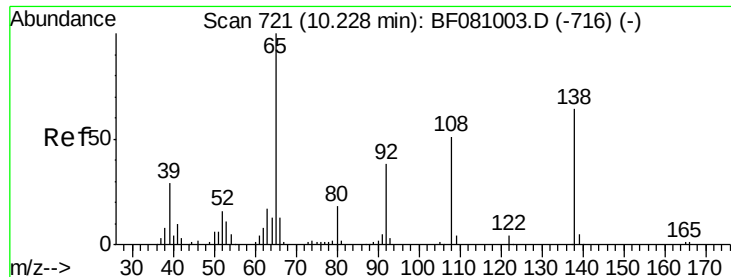
Lab File: BF081179.D

Acq: 24 Aug 2015 20:32



Tgt Ion	Ratio	Resp	Lower	Upper
204	100	165188		
206	32.8	26.2	39.2	
141	73.0	59.6	89.4	





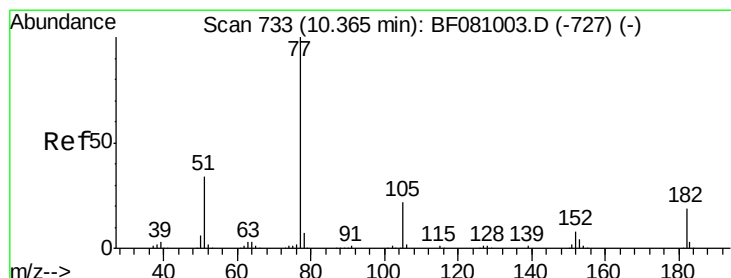
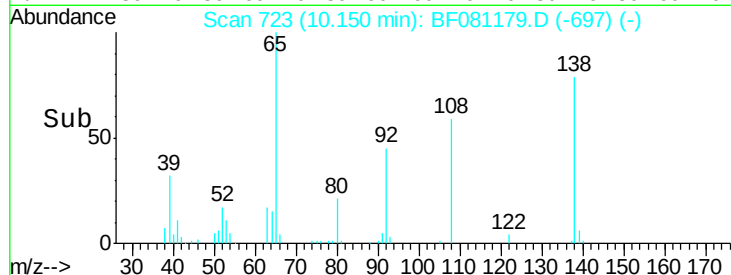
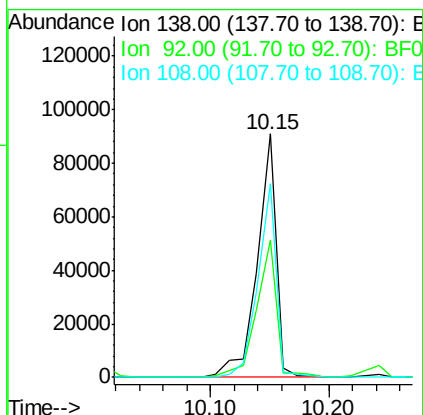
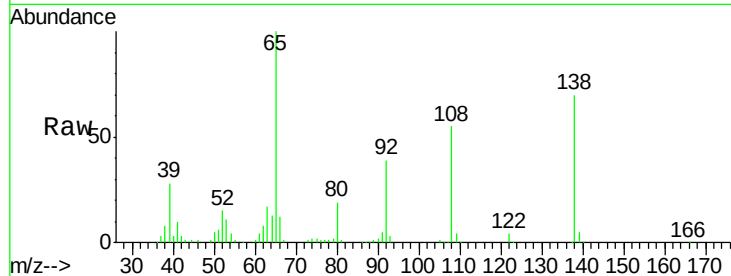
#61
4-Nitroaniline
Concen: 39.71 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	34.7	74.7
108	79.4	68.9	108.9

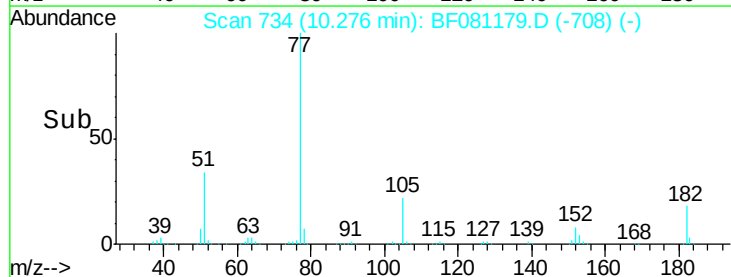
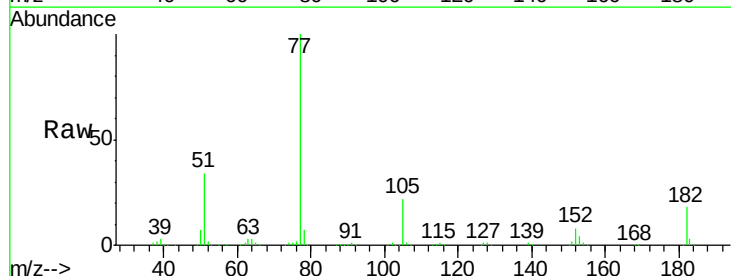
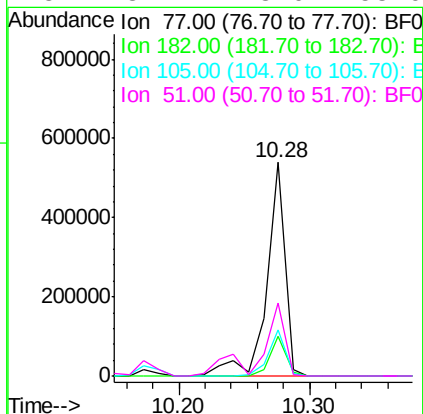
Manual Integrations
APPROVED

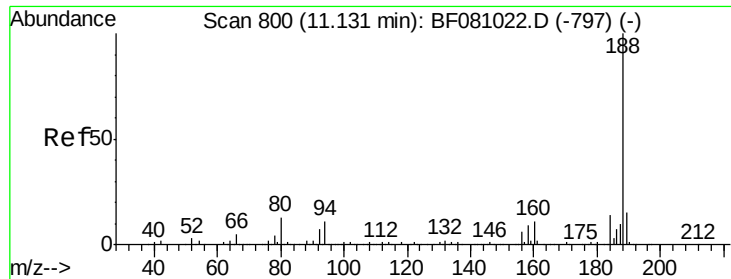
MMDadoda
8/25/2015 12:39:01 PM



#62
Azobenzene
Concen: 46.84 ng
RT: 10.28 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	0.0	39.0
105	21.6	0.2	40.2
51	34.1	18.0	58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

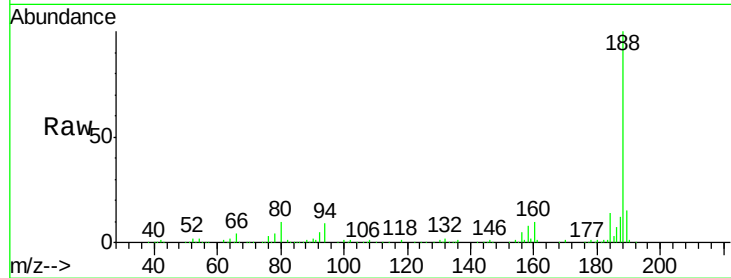
ClientSampleId :

P001-BF001-01MSD

Tgt Ion:	188	Resp:	237563
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.2	12.2
80	10.3	9.5	14.3

Manual Integrations
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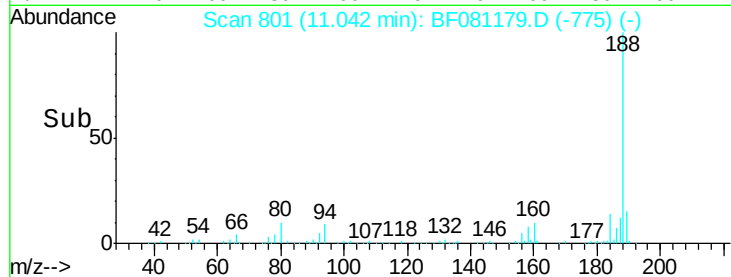


Abundance Ion 188.00 (187.70 to 188.70): E

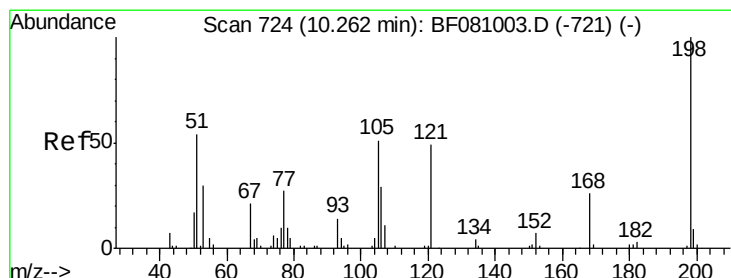
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 43.20 ng

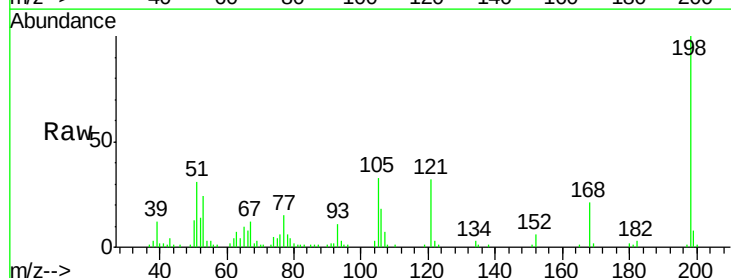
RT: 10.18 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	198	Resp:	61283
Ion Ratio	Lower	Upper	
198	100		
51	30.9	79.7	119.7#
105	32.9	47.0	87.0#

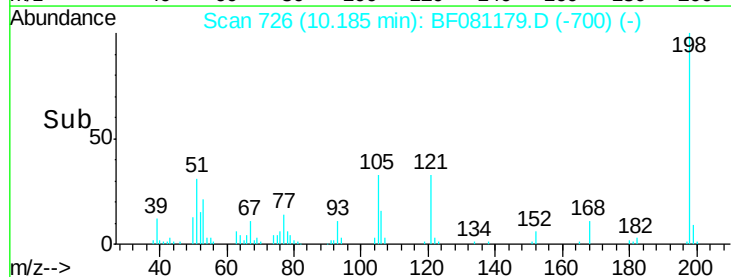


Abundance Ion 198.00 (197.70 to 198.70): E

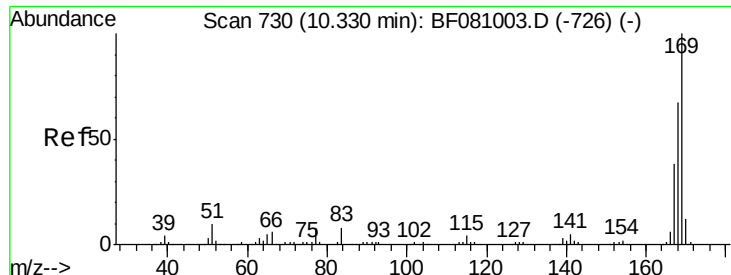
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



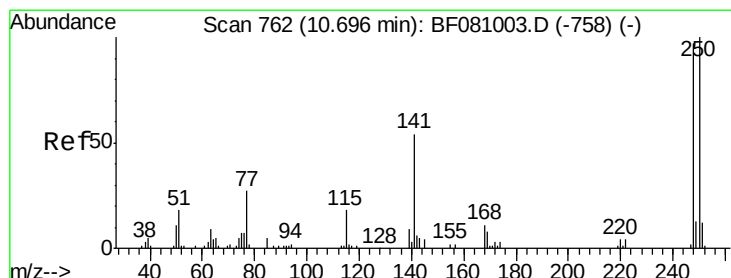
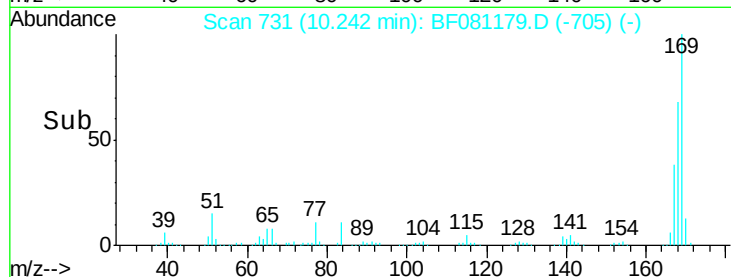
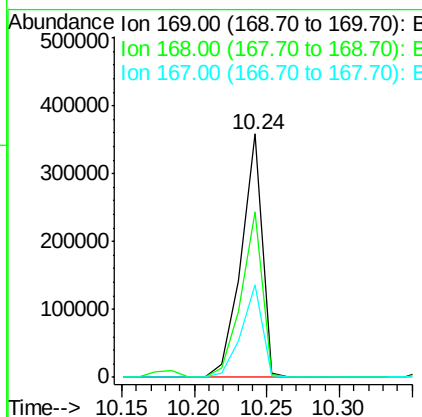
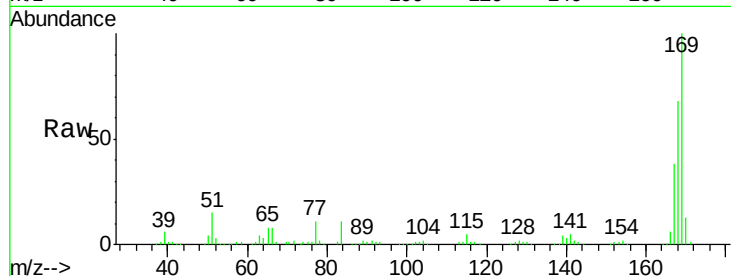
#65
n-Nitrosodiphenylamine
Concen: 42.71 ng
RT: 10.24 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Manual Integrations
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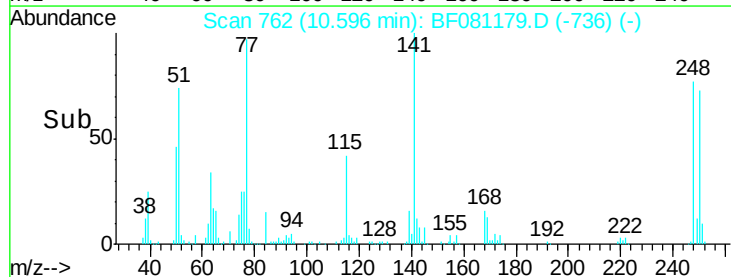
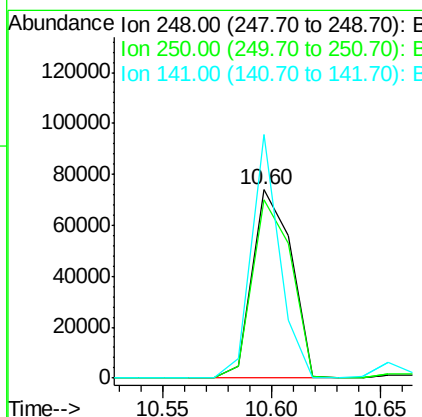
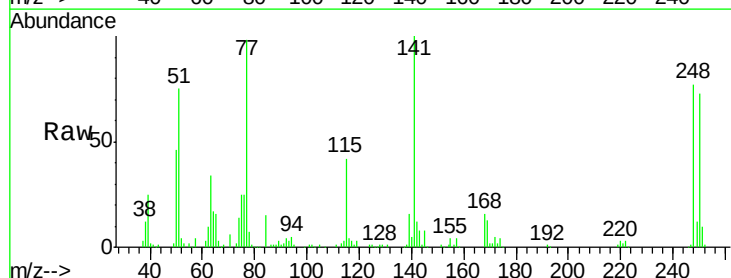
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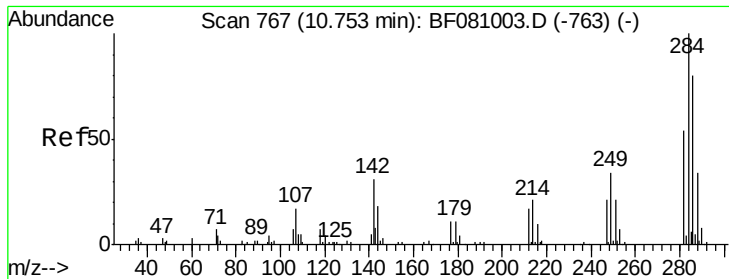
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	362152		
168	67.9	55.3	82.9	
167	38.2	30.8	46.2	



#66
4-Bromophenyl-phenylether
Concen: 39.68 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	92597		
250	94.8	77.8	116.6	
141	129.3	39.8	59.6#	





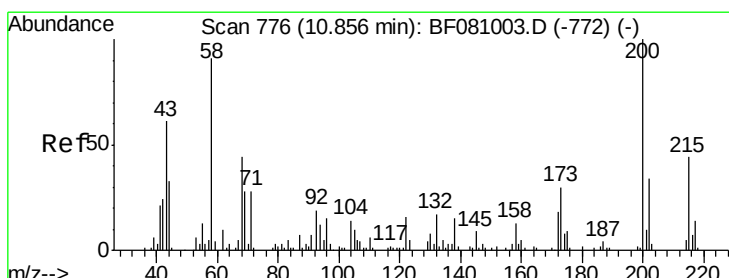
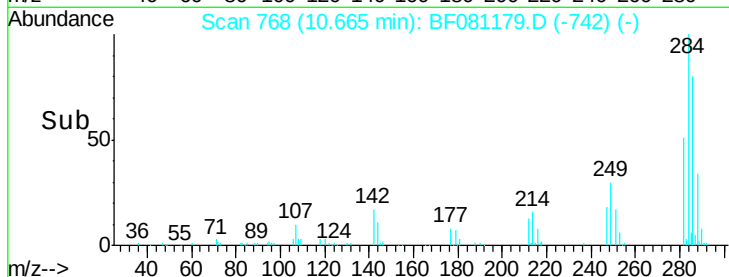
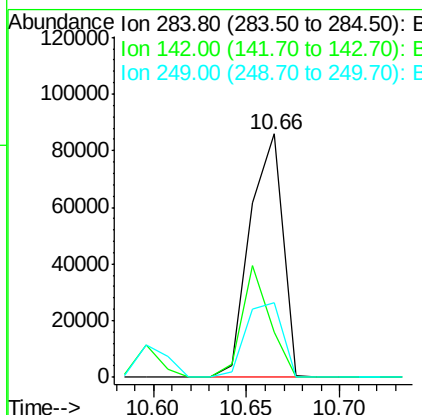
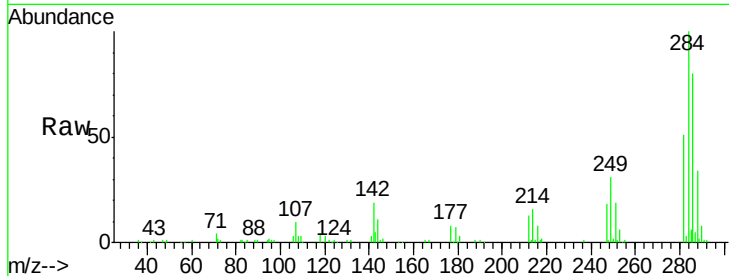
#67
Hexachlorobenzene
Concen: 44.14 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	104326		
142	18.6	25.4	38.0	
249	30.8	28.5	42.7	

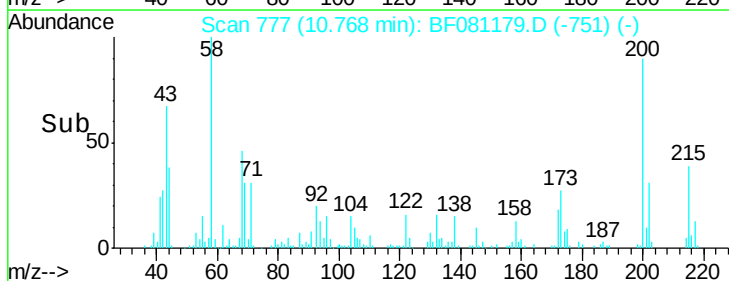
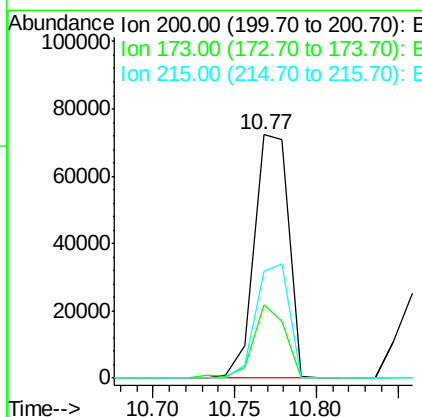
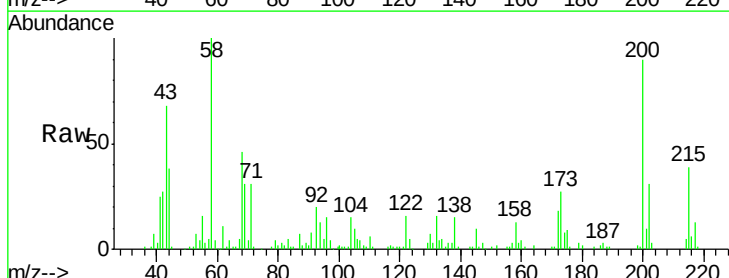
Manual Integrations
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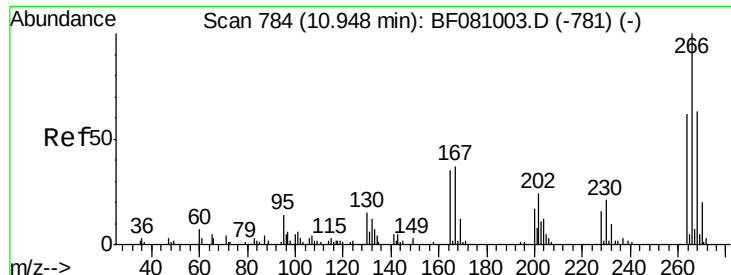
MMDadoda
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#68
Atrazine
Concen: 44.74 ng
RT: 10.77 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	105708		
173	30.4	8.1	48.1	
215	43.8	23.3	63.3	





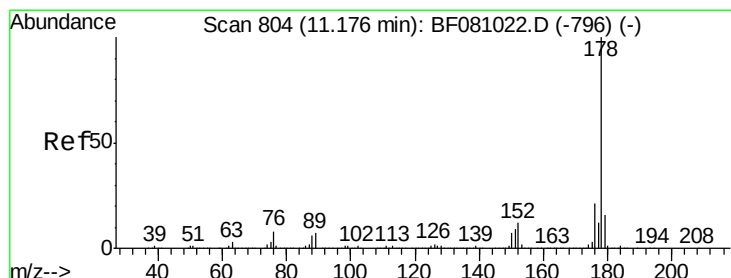
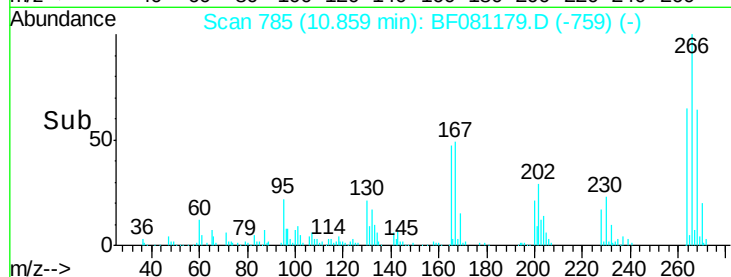
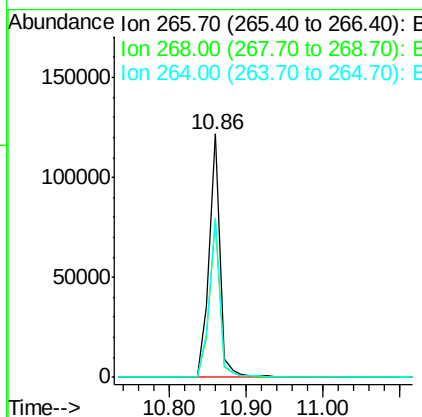
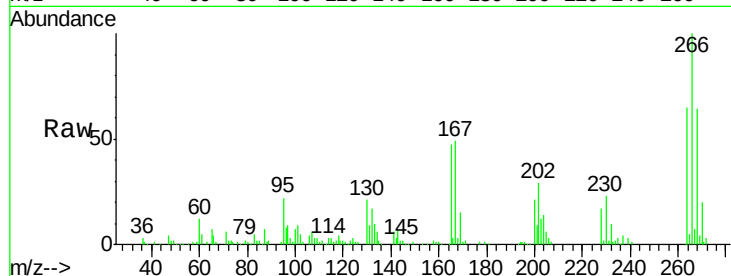
#69
 Pentachlorophenol
 Concen: 85.13 ng
 RT: 10.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	120719		
268	64.1	51.2	76.8	
264	65.2	50.6	75.8	

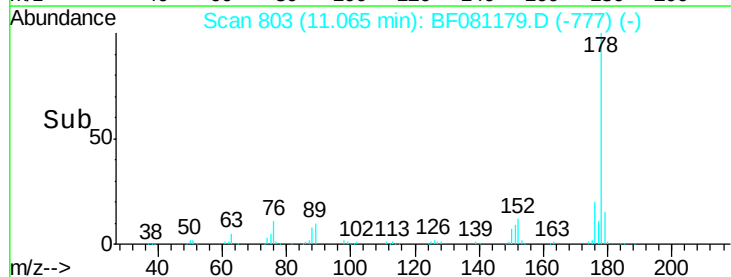
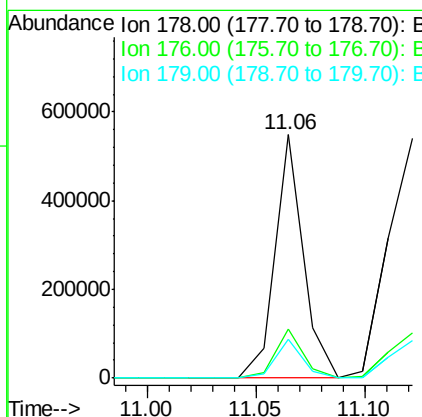
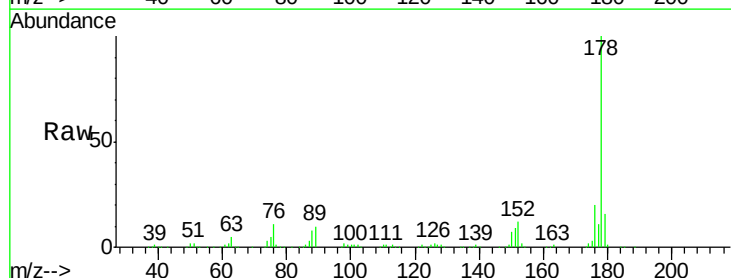
Manual Integrations
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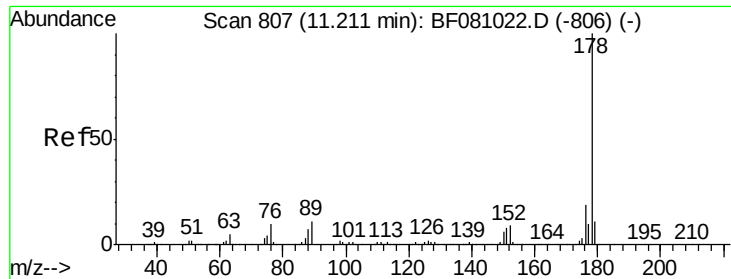
MMDadoda
 8/25/2015 12:39:01 PM



#70
 Phenanthrene
 Concen: 35.70 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	502637		
176	20.2	15.7	23.5	
179	15.7	12.2	18.2	





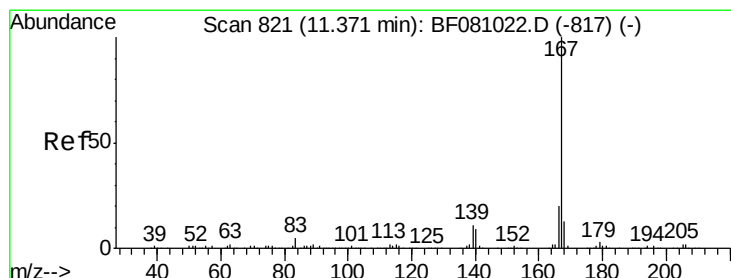
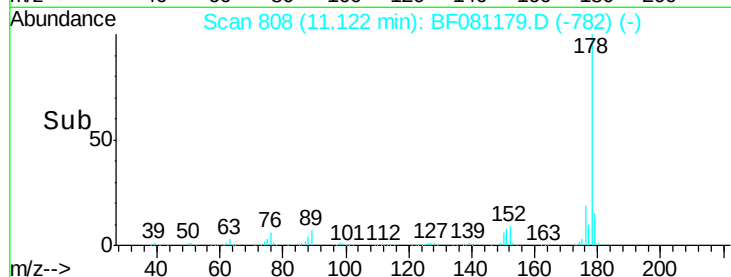
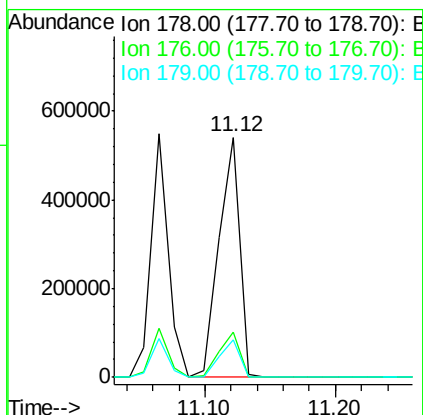
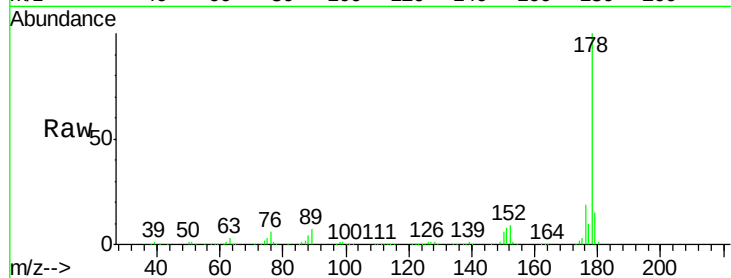
#71
 Anthracene
 Concen: 44.07 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.4	12.7	19.1

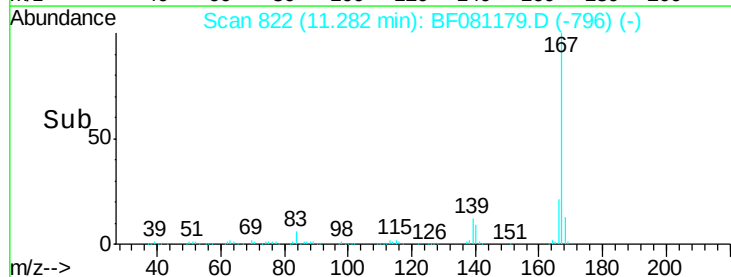
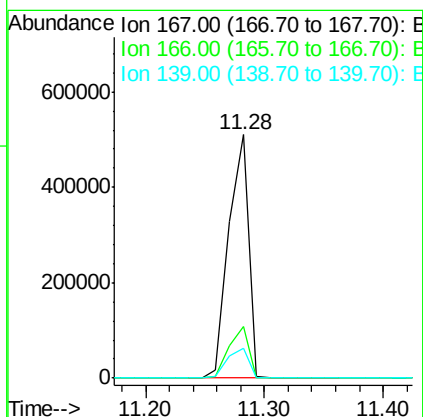
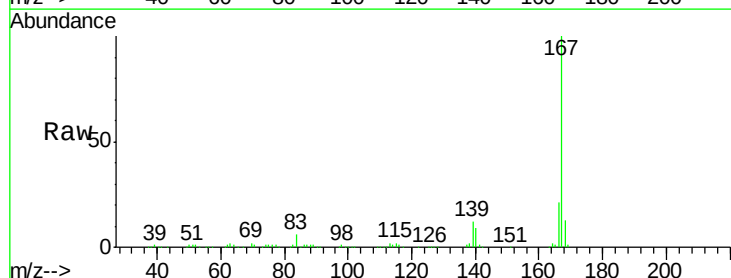
Manual Integrations
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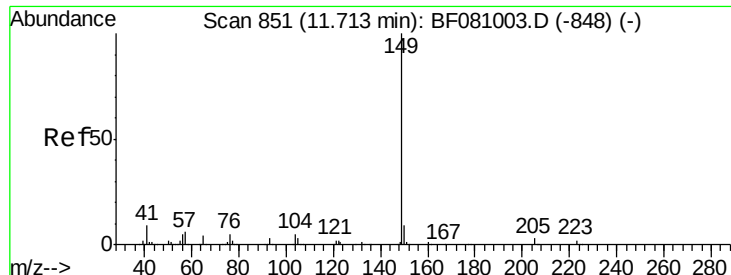
MMDadoda
 8/25/2015 12:39:01 PM



#72
 Carbazole
 Concen: 44.87 ng
 RT: 11.28 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	12.3	10.6	16.0





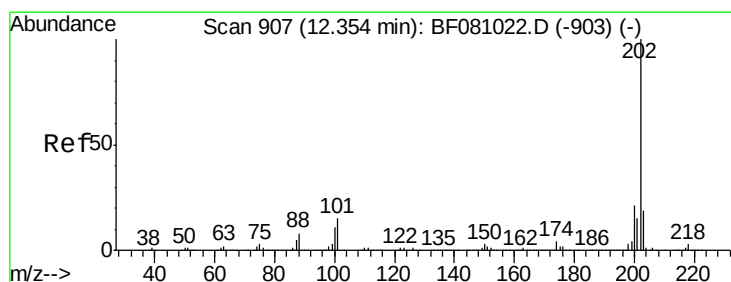
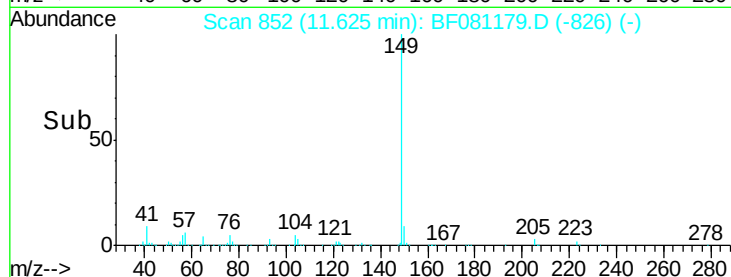
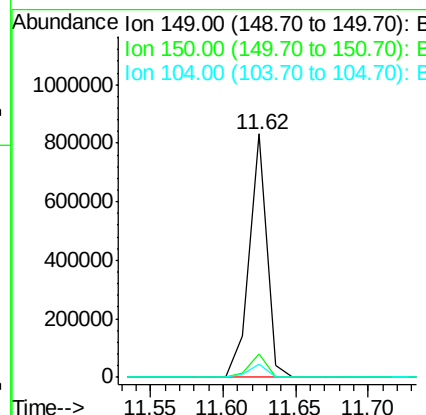
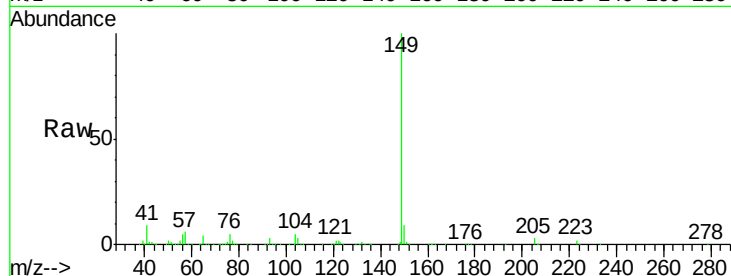
#73
Di-n-butylphthalate
Concen: 43.72 ng
RT: 11.62 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	697797		
150	9.5	7.1	10.7	
104	5.2	3.9	5.9	

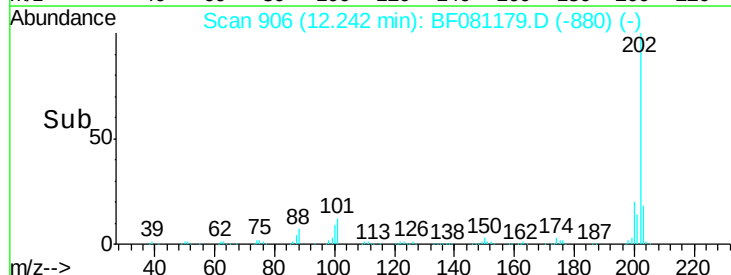
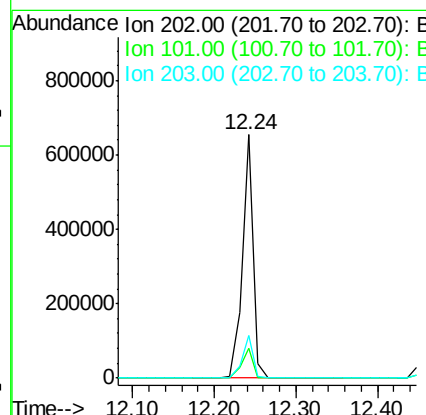
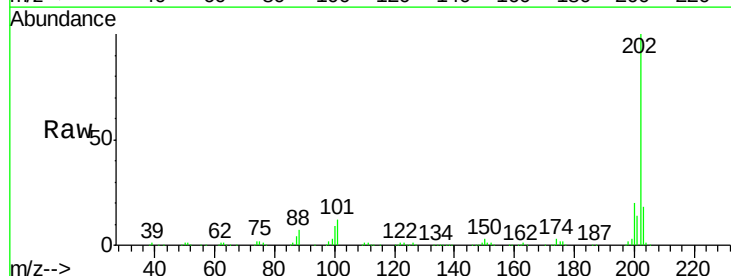
Manual Integrations
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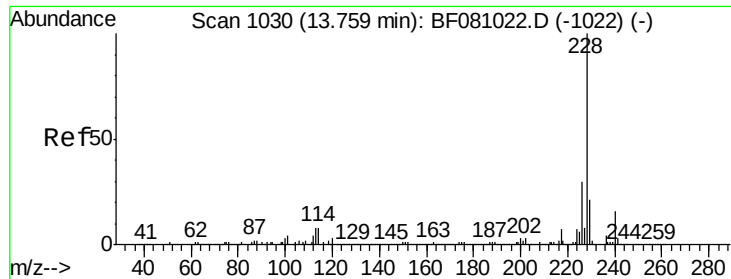
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8/25/2015 12:39:01 PM



#74
Fluoranthene
Concen: 39.67 ng
RT: 12.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	602751		
101	12.1	0.0	24.8	
203	17.7	0.0	36.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MSD

Tgt Ion: 240 Resp: 205453

Ion Ratio Lower Upper

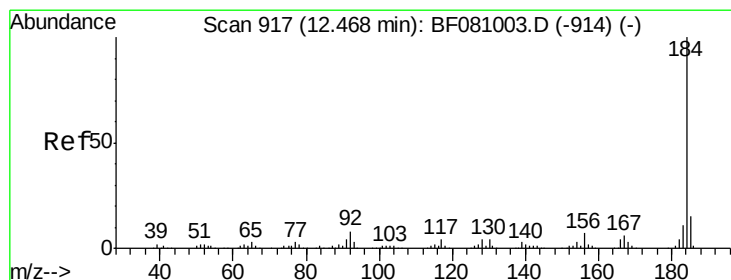
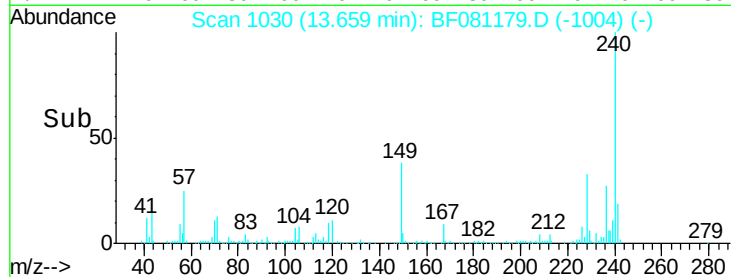
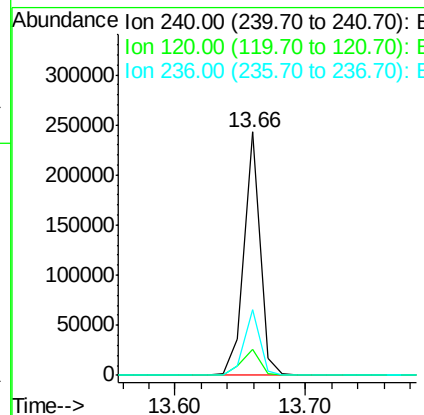
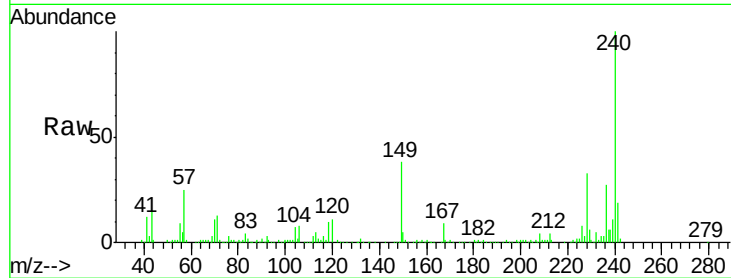
240 100

120 10.7 5.6 8.4#

236 26.8 20.6 30.8

Manual Integrations
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8/25/2015 12:39:01 PM



#76

Benzidine

Concen: 18.76 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

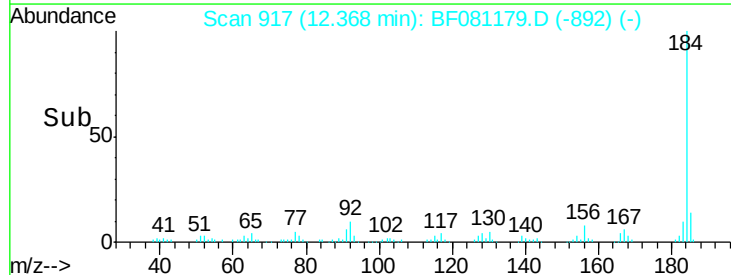
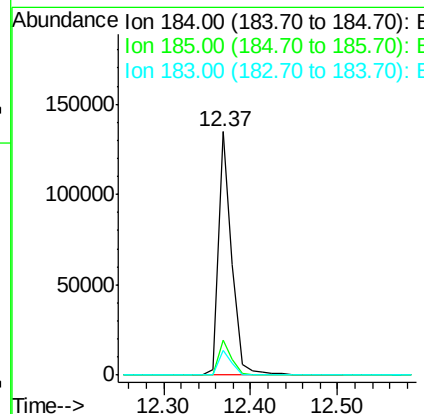
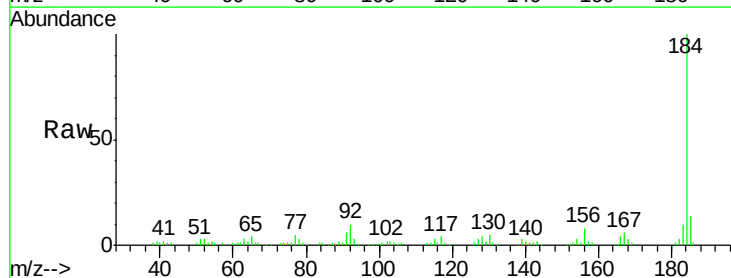
Tgt Ion: 184 Resp: 145588

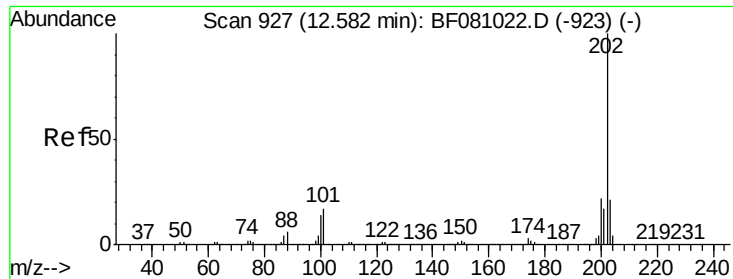
Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 10.4 8.9 13.3





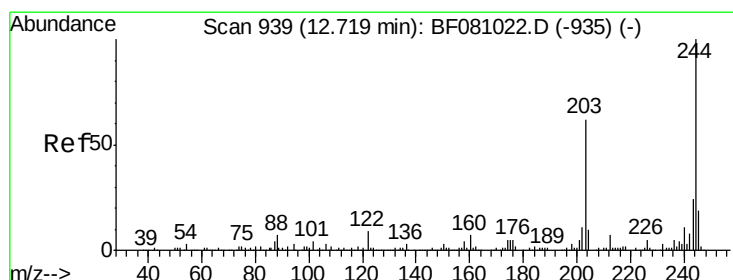
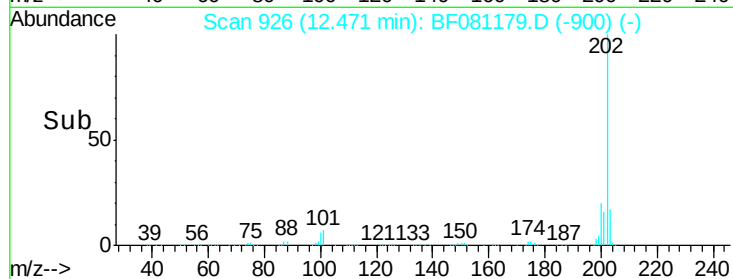
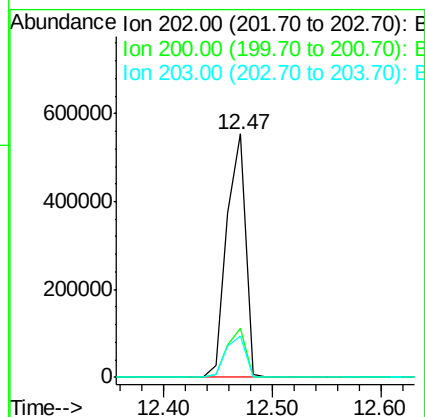
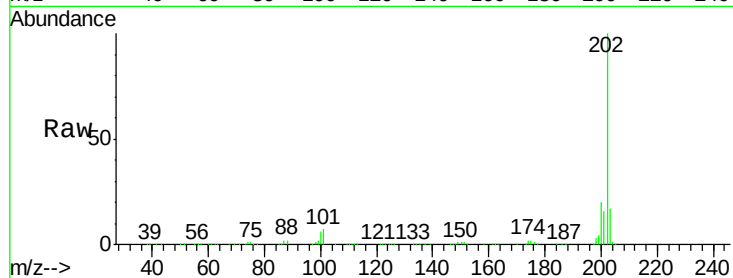
#77
 Pyrene
 Concen: 39.60 ng
 RT: 12.47 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	661446		
200	20.1	16.6	24.8	
203	17.3	14.1	21.1	

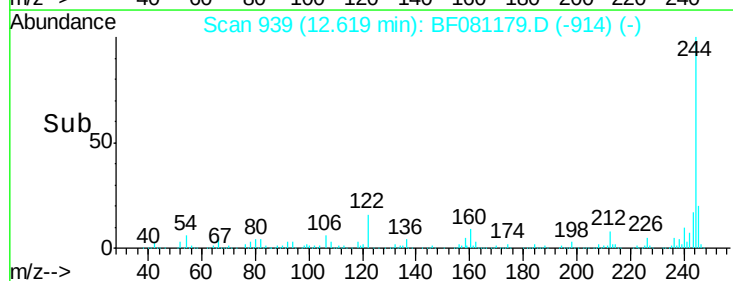
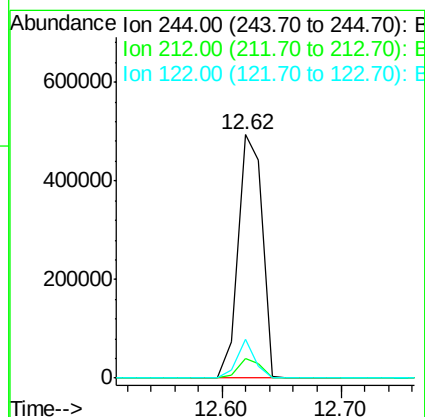
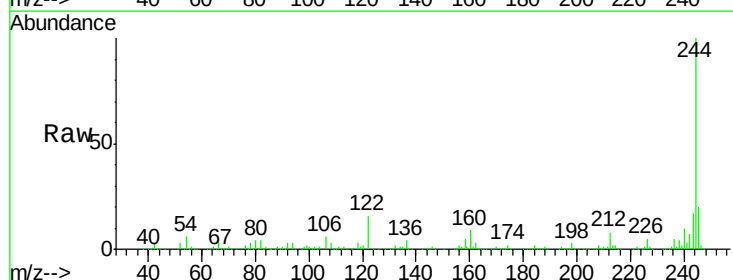
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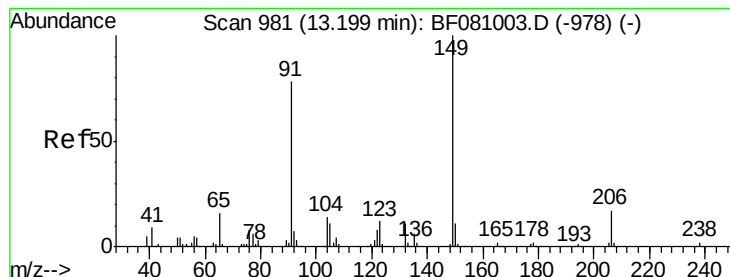
MMDadoda
 8/25/2015 12:39:01 PM



#78
 Terphenyl-d14
 Concen: 72.68 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	696555		
212	8.0	5.8	8.8	
122	15.9	8.2	12.4#	





#79

Butylbenzylphthalate

Concen: 42.02 ng

RT: 13.11 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF081179.D

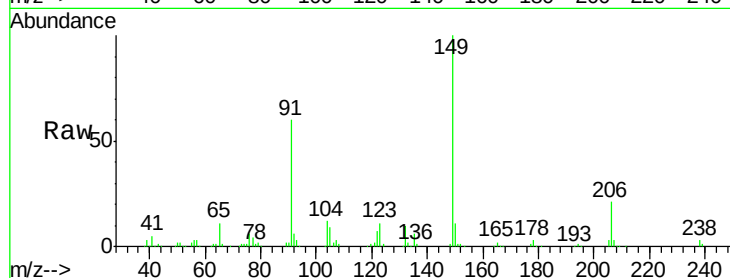
Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MSD



Tgt Ion:149 Resp: 301673

Ion Ratio Lower Upper

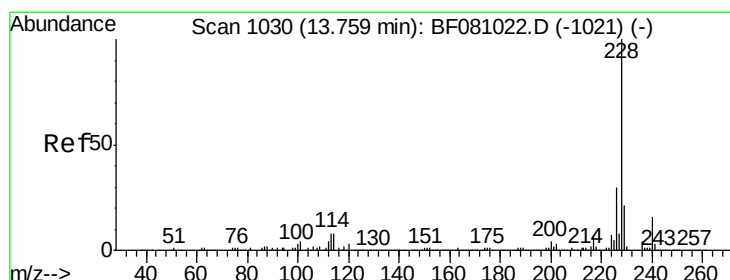
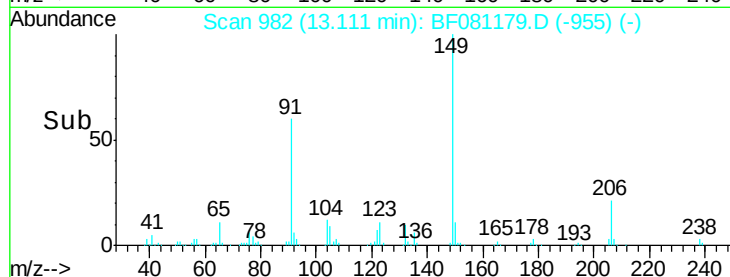
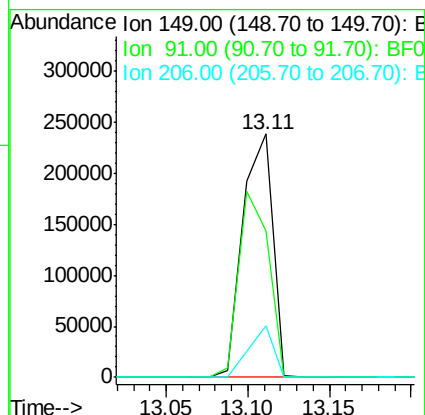
149 100

91 60.1 46.9 70.3

206 21.3 17.0 25.4

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#80

Benzo(a)anthracene

Concen: 39.57 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

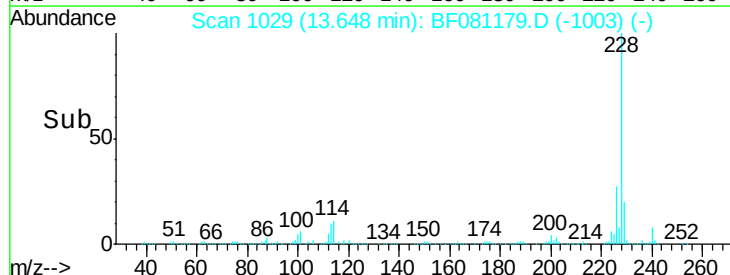
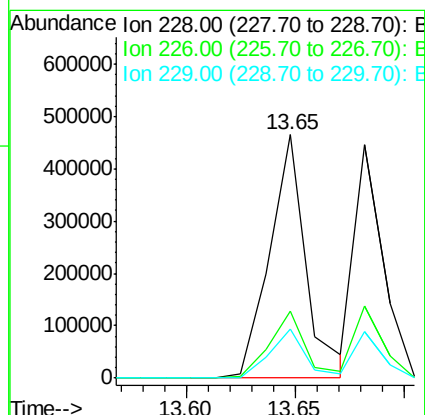
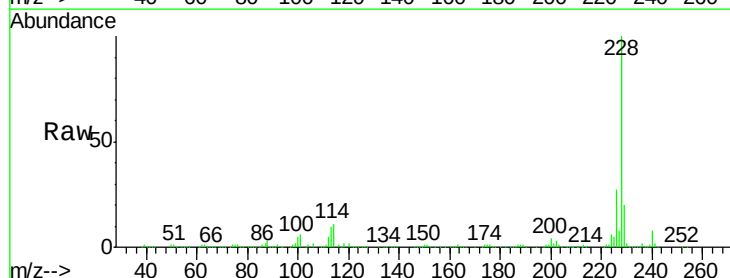
Tgt Ion:228 Resp: 545152

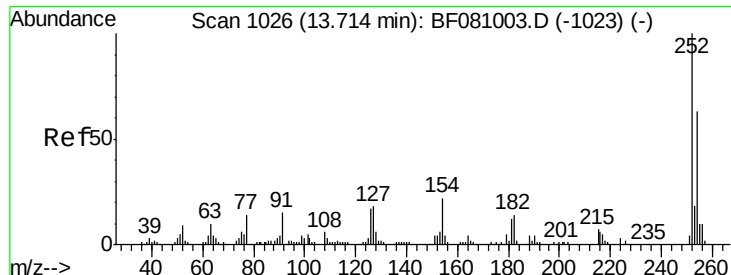
Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 20.2 15.9 23.9





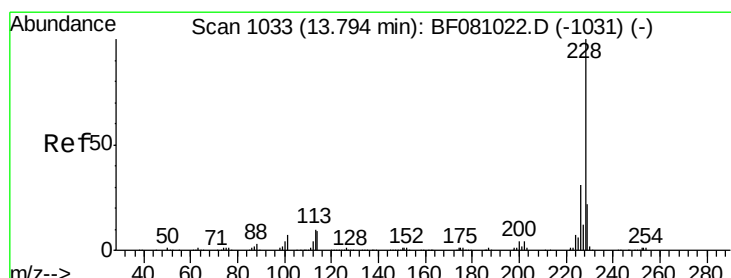
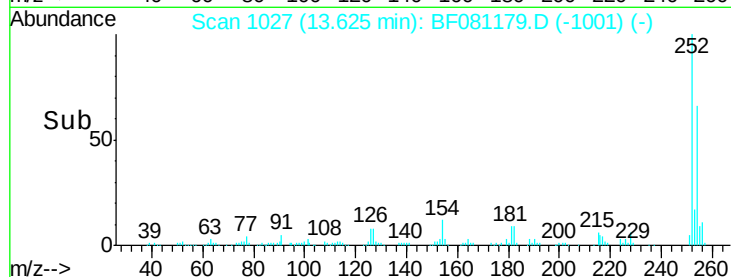
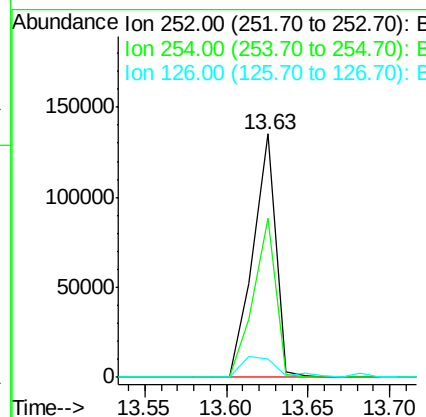
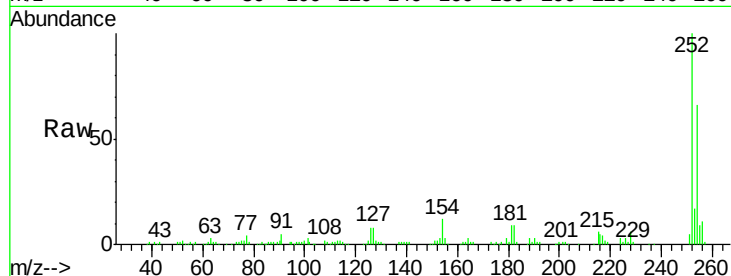
#81
 3,3'-Dichlorobenzidine
 Concen: 29.37 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.5	51.5	77.3
126	7.5	12.5	18.7

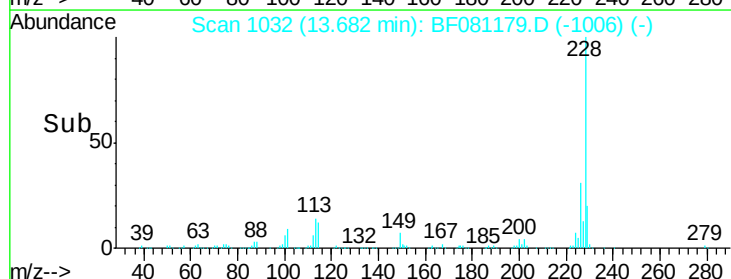
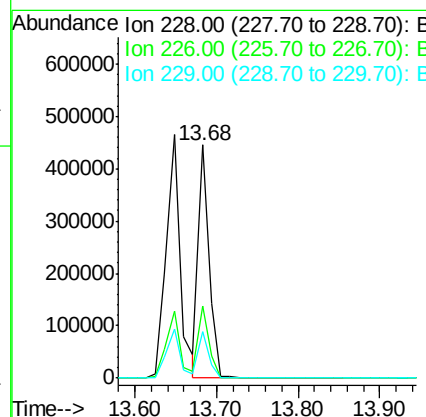
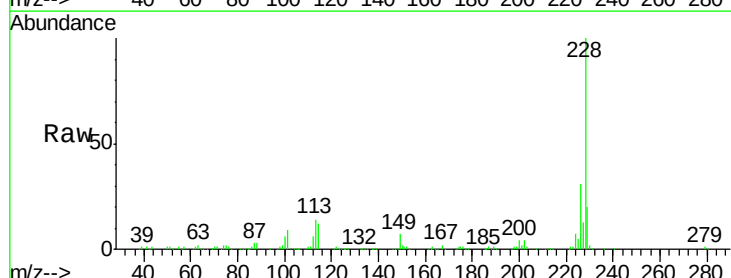
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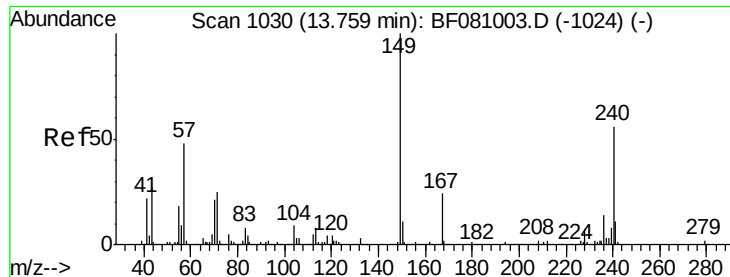
MMDadoda
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#82
 Chrysene
 Concen: 33.13 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.4	36.6
229	20.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.59 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MSD

Tgt Ion:149 Resp: 419261
Ion Ratio Lower Upper

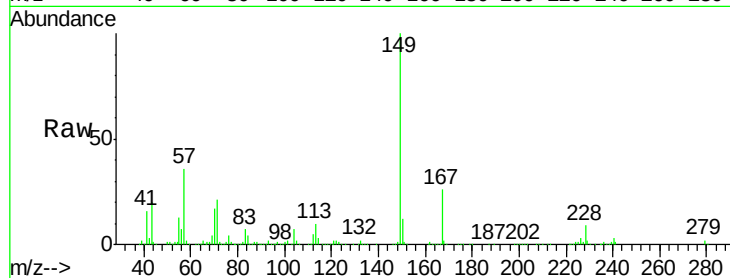
149 100

167 25.6 20.7 31.1

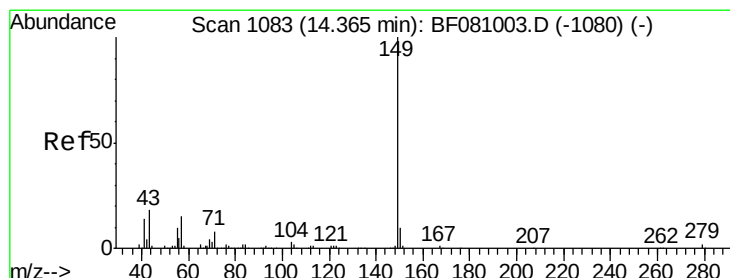
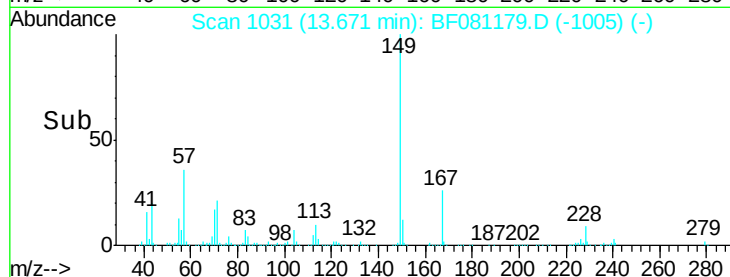
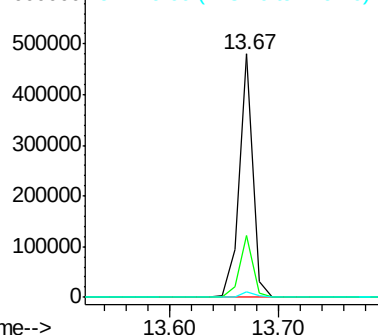
279 2.2 2.2 3.4#

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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: 49.00 ng

RT: 14.28 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF081179.D

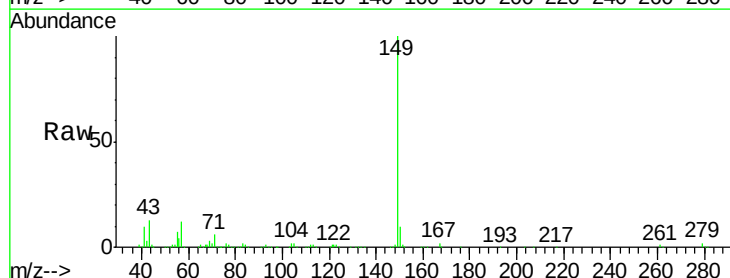
Acq: 24 Aug 2015 20:32

Tgt Ion:149 Resp: 684923
Ion Ratio Lower Upper

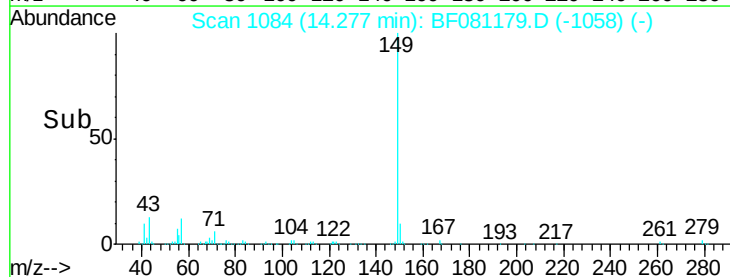
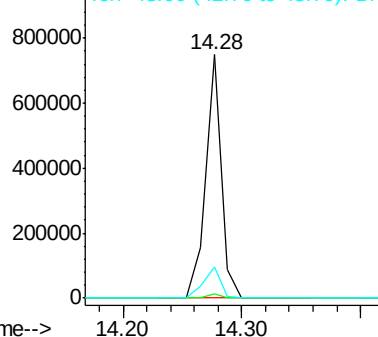
149 100

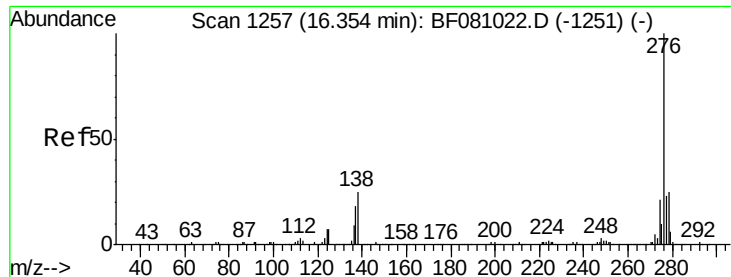
167 1.5 1.1 1.7

43 13.8 11.6 17.4



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





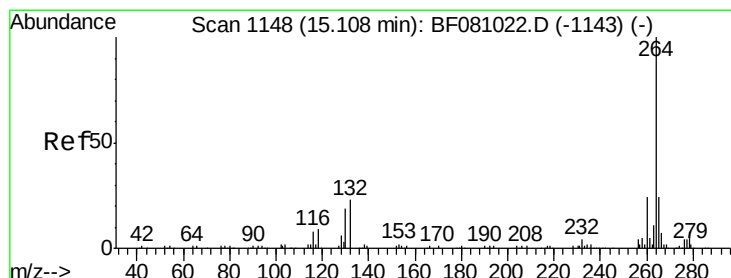
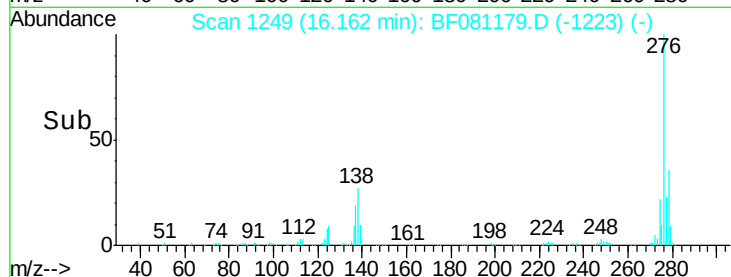
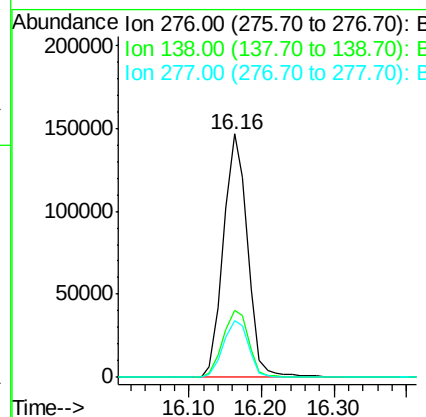
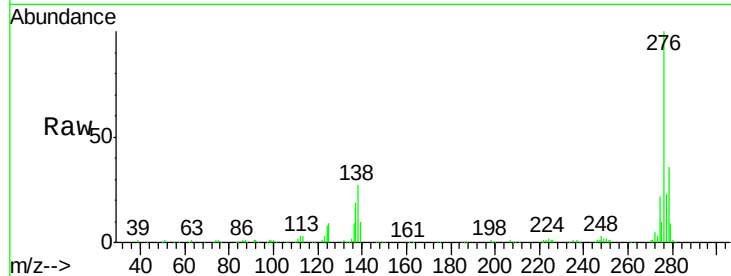
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.84 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	338650		
138	29.4	18.6	28.0#	
277	24.5	19.8	29.8	

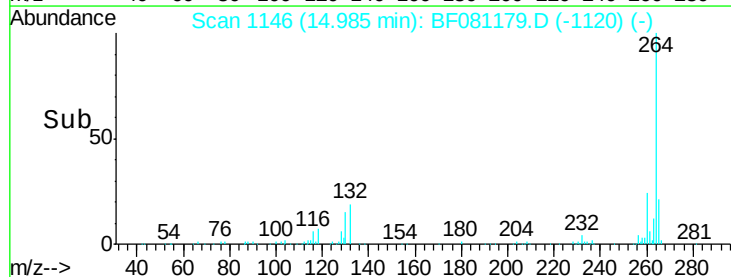
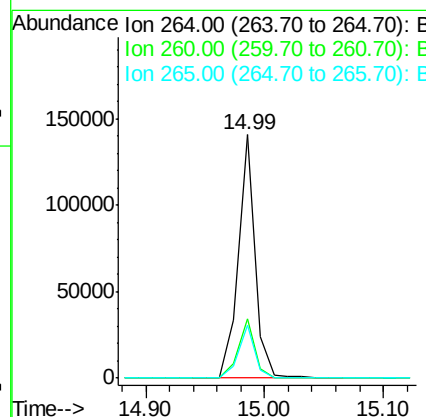
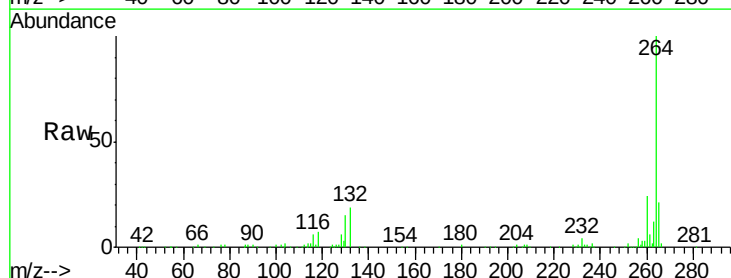
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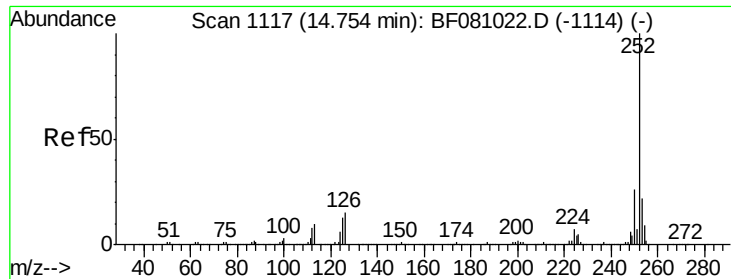
MMDadoda
 8/25/2015 12:39:01 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	139172		
260	24.1	19.6	29.4	
265	21.5	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 50.23 ng m

RT: 14.64 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Instrument :

BNA_F

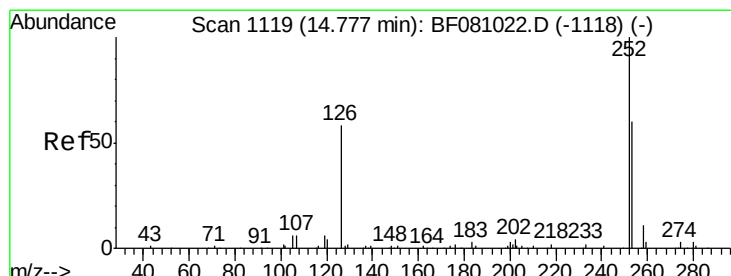
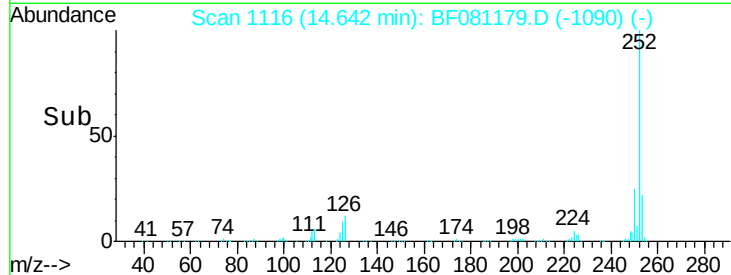
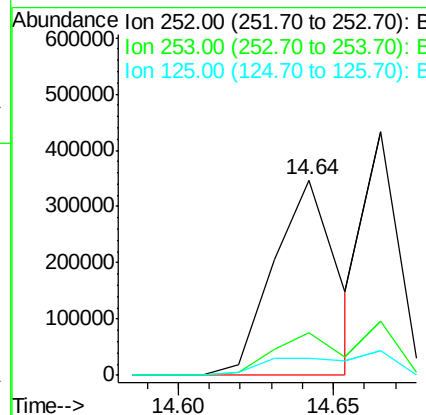
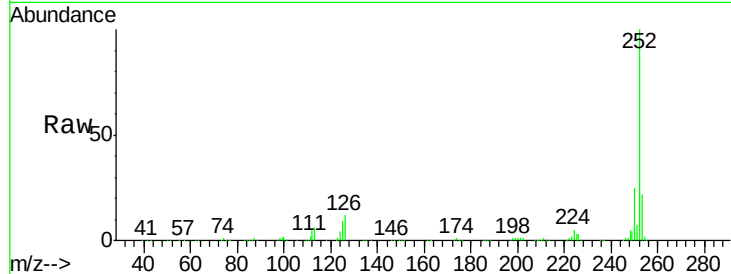
ClientSampleId :

P001-BF001-01MSD

Tgt Ion:	252	Resp:	494497
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	8.8	8.0	12.0

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#88

Benzo(k)fluoranthene

Concen: 35.38 ng m

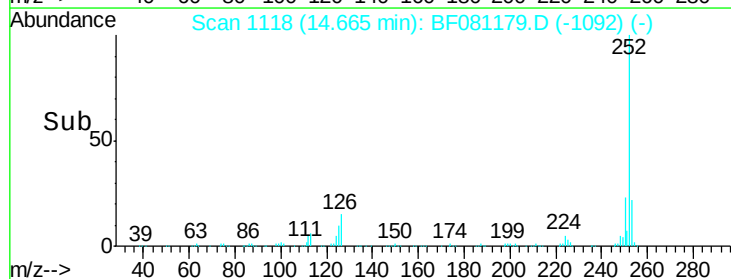
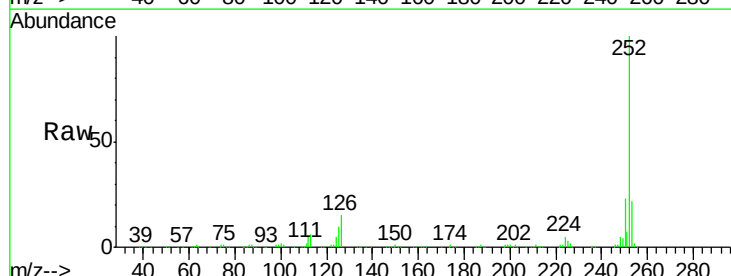
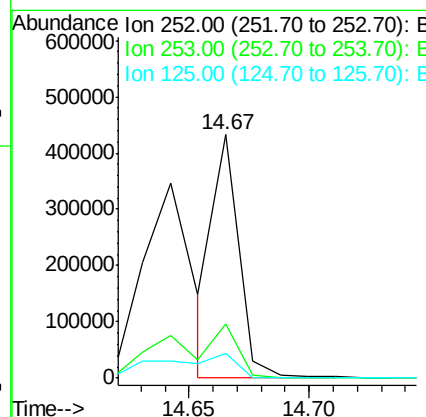
RT: 14.67 min Scan# 1118

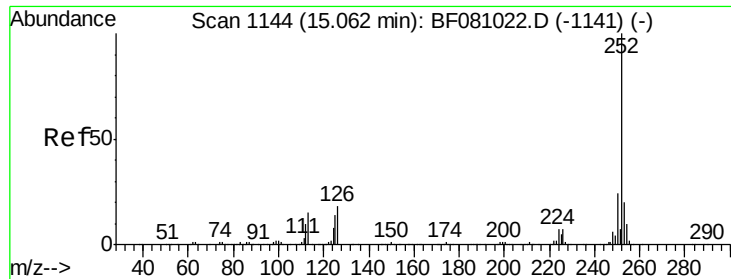
Delta R.T. -0.00 min

Lab File: BF081179.D

Acq: 24 Aug 2015 20:32

Tgt Ion:	252	Resp:	324517
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	10.0	10.3	15.5#





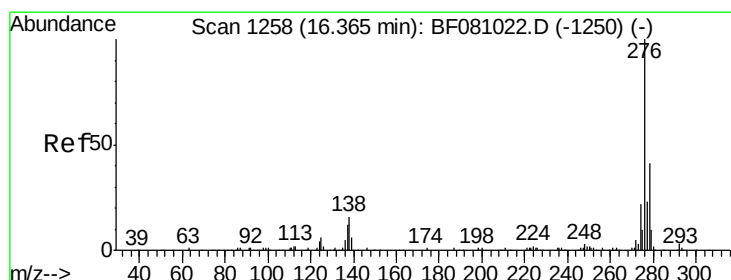
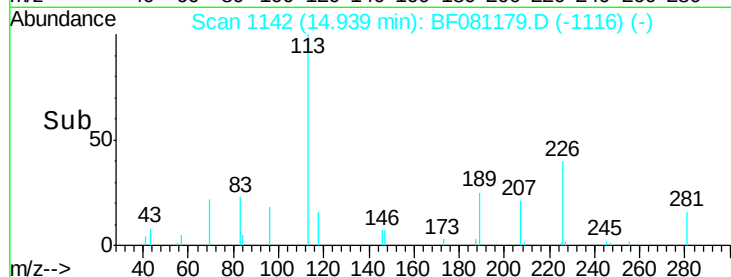
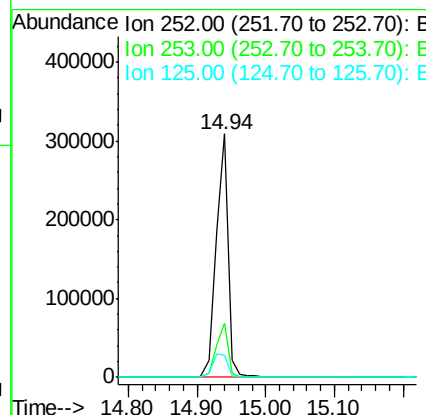
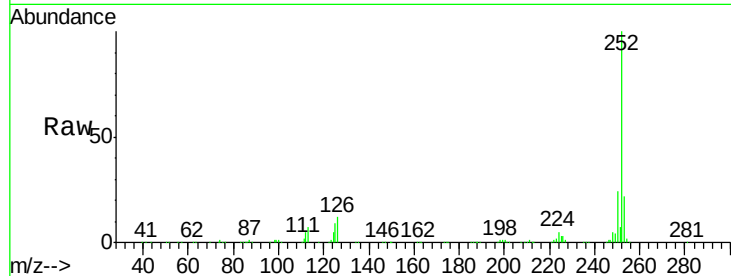
#89
Benzo(a)pyrene
Concen: 44.20 ng
RT: 14.94 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.6	25.0
125	9.4	7.8	11.8

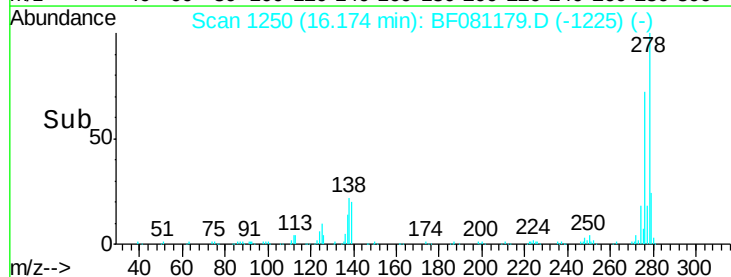
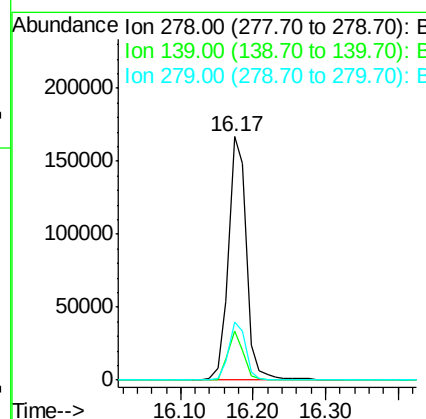
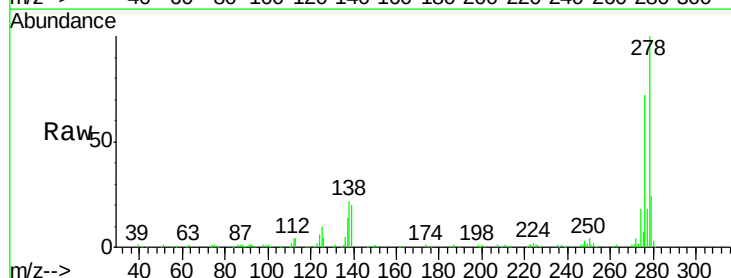
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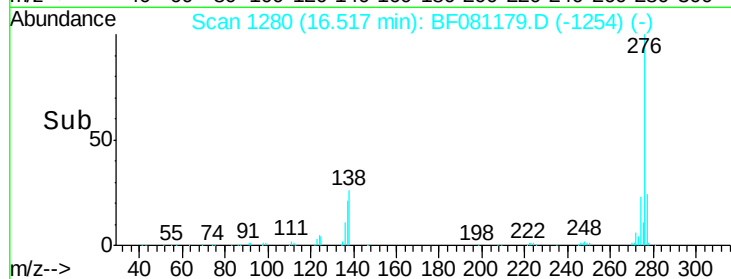
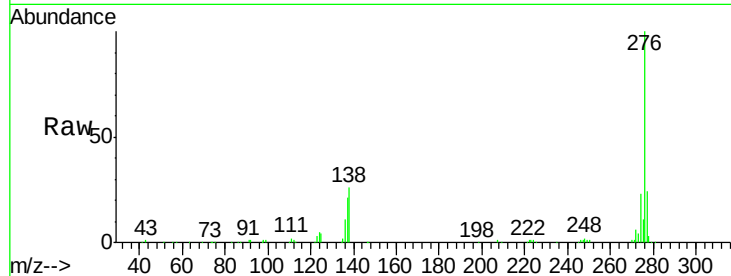
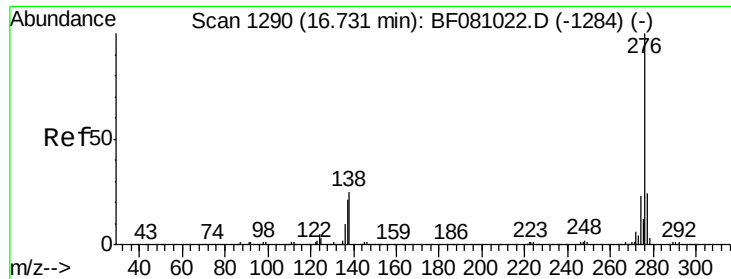
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 43.24 ng
RT: 16.17 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF081179.D
Acq: 24 Aug 2015 20:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	10.8	16.2#
279	23.6	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 41.74 ng
 RT: 16.52 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF081179.D
 Acq: 24 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.3	18.2	27.2
138	25.8	13.7	20.5

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