

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086377.D
 Acq On : 23 Apr 2016 8:16
 Operator : UM/SJ
 Sample : H2634-11MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MSD

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:49 PM

Quant Time: Apr 25 04:53:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	175765	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	723898	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	357767	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	657204	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	395059	20.00	ng	0.00
86) Perylene-d12	15.41	264	376783	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	677964	66.61	ng	0.01
7) Phenol-d6	6.48	99	637223	46.05	ng	0.00
23) Nitrobenzene-d5	7.41	82	1020190	83.48	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	375478	115.94	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1687935	80.51	ng	0.00
78) Terphenyl-d14	12.95	244	1366791	85.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	83126	14.77	ng	98
3) Pyridine	3.20	79	196510	14.65	ng	98
4) n-Nitrosodimethylamine	3.12	42	86658	17.03	ng	94
6) Aniline	6.50	93	358539	21.23	ng	96
8) 2-Chlorophenol	6.62	128	430759	34.66	ng	100
9) Benzaldehyde	6.38	77	91721	10.91	ng	91
10) Phenol	6.49	94	264767	16.21	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	491720	34.57	ng	97
12) 1,3-Dichlorobenzene	6.78	146	484752	36.58	ng	97
13) 1,4-Dichlorobenzene	6.86	146	500248	34.37	ng	98
14) 1,2-Dichlorobenzene	7.01	146	488699	36.95	ng	98
15) Benzyl Alcohol	6.99	79	268881	32.74	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	650241	34.87	ng	100
17) 2-Methylphenol	7.10	107	315734	31.01	ng	98
18) Hexachloroethane	7.36	117	201178	41.03	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	345414	41.77	ng	100
20) 3+4-Methylphenols	7.25	107	300558	27.85	ng	# 68
22) Acetophenone	7.25	105	658603	43.37	ng	93
24) Nitrobenzene	7.42	77	488194	37.24	ng	96
25) Isophorone	7.66	82	934188	39.01	ng	99
26) 2-Nitrophenol	7.74	139	277322	42.82	ng	98
27) 2,4-Dimethylphenol	7.79	122	437658	39.46	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	600845	44.93	ng	98
29) 2,4-Dichlorophenol	7.98	162	407264	44.43	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	405903	40.76	ng	97
31) Naphthalene	8.14	128	1457106	39.51	ng	98
32) Benzoic acid	7.87	122	82230	11.60	ng	# 75
33) 4-Chloroaniline	8.20	127	221716	15.43	ng	98
34) Hexachlorobutadiene	8.27	225	202938	40.81	ng	99
35) Caprolactam	8.62	113	29366	8.93	ng	92
36) 4-Chloro-3-methylphenol	8.68	107	436278	40.04	ng	97
37) 2-Methylnaphthalene	8.84	142	946610	44.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	361756	39.08	ng	99
40) Hexachlorocyclopentadiene	8.99	237	301566	66.70	ng	95

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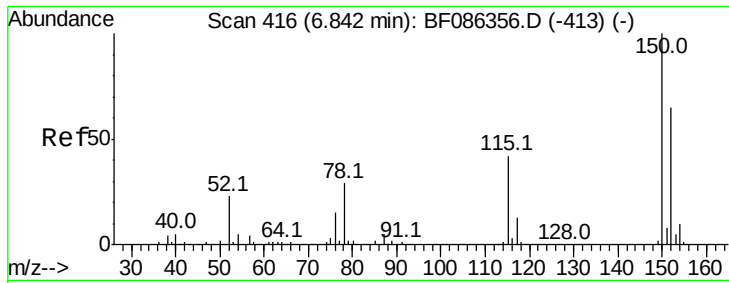
Manual Integrations
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Quant Time: Apr 25 04:53:09 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	270353	44.55	ng	99
43) 2,4,5-Trichlorophenol	9.16	196	305223	40.85	ng	97
45) 1,1'-Biphenyl	9.31	154	1131050	40.75	ng	99
46) 2-Chloronaphthalene	9.33	162	909838	41.41	ng	98
47) 2-Nitroaniline	9.42	65	305363	44.64	ng	97
48) Acenaphthylene	9.74	152	1481012	41.58	ng	100
49) Dimethylphthalate	9.61	163	1035849	40.08	ng	99
50) 2,6-Dinitrotoluene	9.66	165	235596	42.20	ng	97
51) Acenaphthene	9.92	154	956449	43.71	ng	99
52) 3-Nitroaniline	9.84	138	145428	20.81	ng	99
53) 2,4-Dinitrophenol	9.94	184	170603	58.78	ng	93
54) Dibenzofuran	10.09	168	1268857	45.15	ng	99
55) 4-Nitrophenol	10.00	139	175706	35.93	ng	81
56) 2,4-Dinitrotoluene	10.08	165	324843	43.82	ng	# 69
57) Fluorene	10.43	166	964627	41.89	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	248233	45.45	ng	99
59) Diethylphthalate	10.30	149	1006630	40.67	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	392010	38.93	ng	98
61) 4-Nitroaniline	10.45	138	281157	39.30	ng	95
62) Azobenzene	10.58	77	1086190	42.32	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	148229	36.91	ng	97
65) n-Nitrosodiphenylamine	10.54	169	892536	44.04	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	277957	43.19	ng	93
67) Hexachlorobenzene	10.97	284	280264	40.82	ng	# 57
68) Atrazine	11.08	200	269136	43.01	ng	97
69) Pentachlorophenol	11.17	266	326800	81.05	ng	97
70) Phenanthrene	11.39	178	1421581	43.05	ng	100
71) Anthracene	11.44	178	1482397	39.18	ng	100
72) Carbazole	11.60	167	1500478	42.22	ng	99
73) Di-n-butylphthalate	11.93	149	1549162	41.44	ng	99
74) Fluoranthene	12.57	202	1334529	37.47	ng	98
76) Benzidine	12.71	184	84873	5.24	ng	# 90
77) Pyrene	12.80	202	1328800	48.23	ng	99
79) Butylbenzylphthalate	13.43	149	628004	48.93	ng	97
80) Benzo(a)anthracene	13.99	228	929856	45.34	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	90040	6.37	ng	99
82) Chrysene	14.02	228	927899	40.16	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	684278	47.61	ng	99
84) Di-n-octyl phthalate	14.59	149	1186523	43.00	ng	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	1044310	50.84	ng	98
87) Benzo(b)fluoranthene	15.01	252	989025m	47.82	ng	
88) Benzo(k)fluoranthene	15.04	252	819125m	40.35	ng	
89) Benzo(a)pyrene	15.36	252	885935	43.42	ng	97
90) Dibenzo(a,h)anthracene	16.81	278	867211	51.53	ng	99
91) Benzo(g,h,i)perylene	17.21	276	907115	52.21	ng	97

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



#1

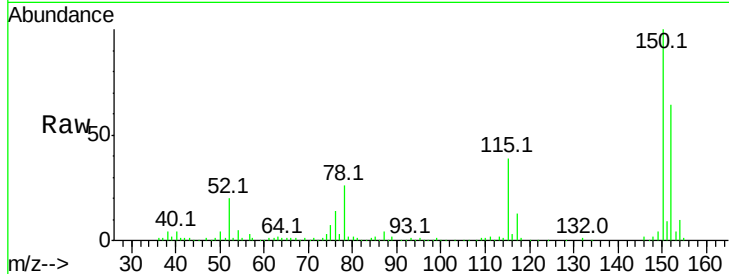
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.8	188.6
115	61.5	51.5	77.3

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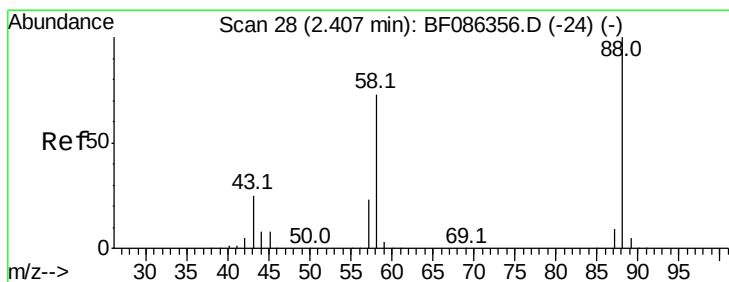
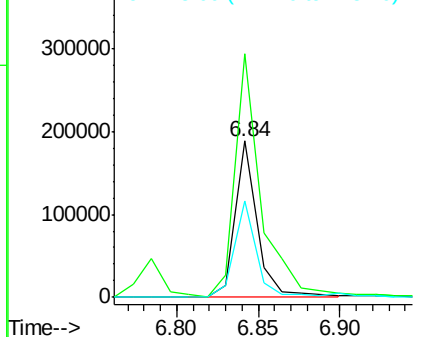
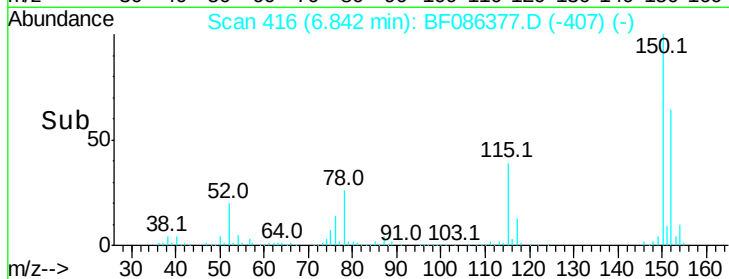


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

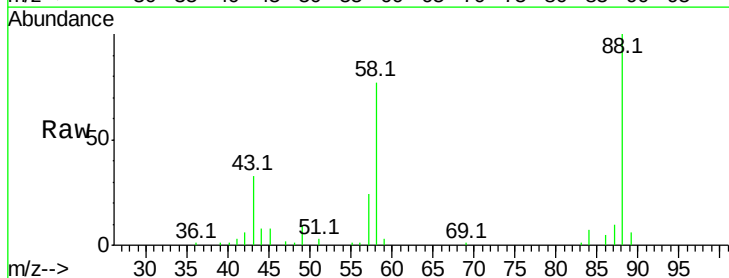
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 14.77 ng
RT: 2.45 min Scan# 32
Delta R.T. 0.05 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	59.6	89.4
43	25.8	21.8	32.6

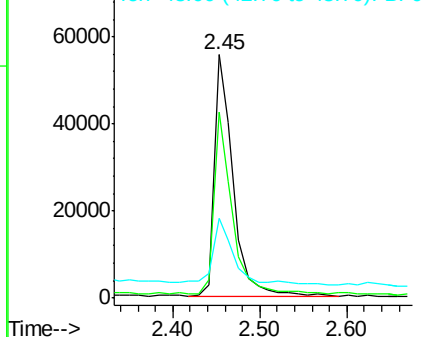
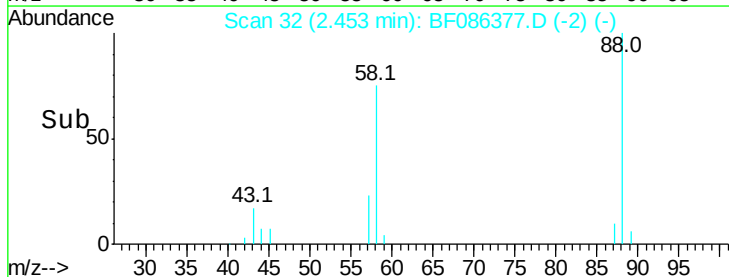


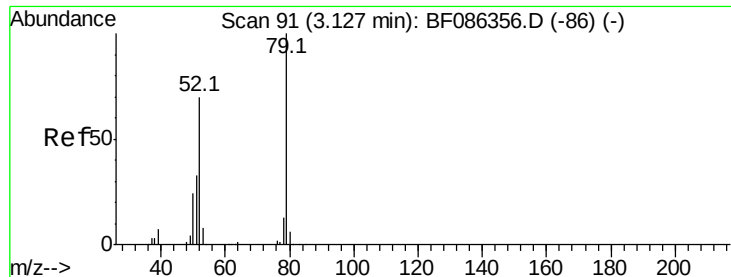
Abundance

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

Pvridine

Concen: 14.65 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.07 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

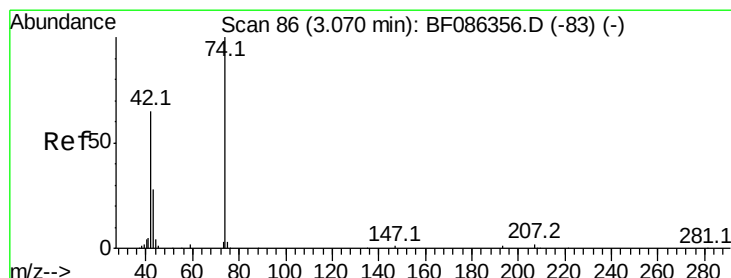
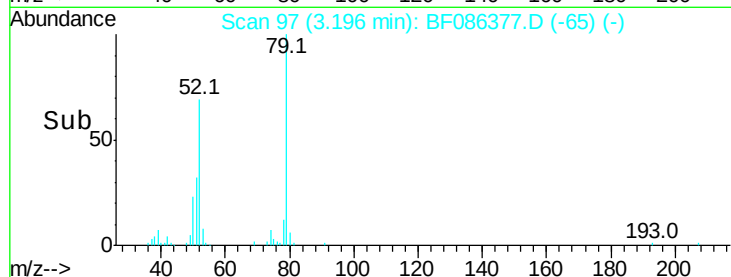
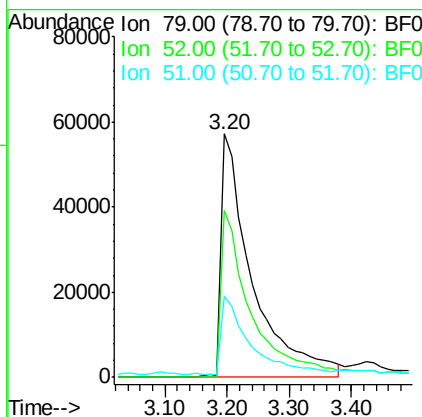
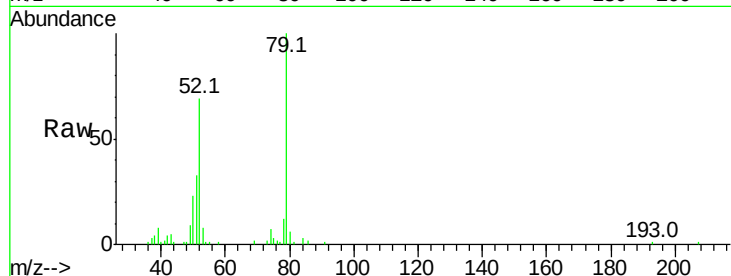
ClientSampleId :

MW-11MSD

Tot Ion:	79	Resp:	196510
Ion Ratio		Lower	Upper
79	100		
52	68.6	55.9	83.9
51	33.1	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 17.03 ng

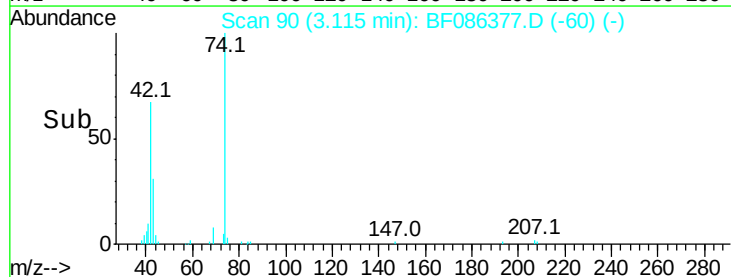
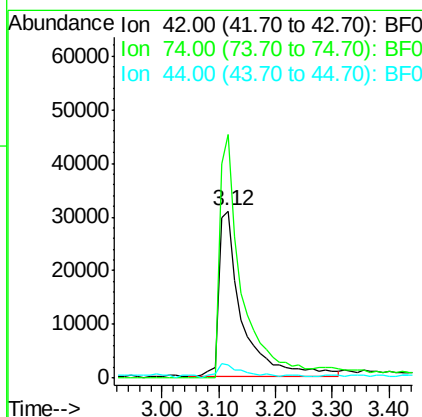
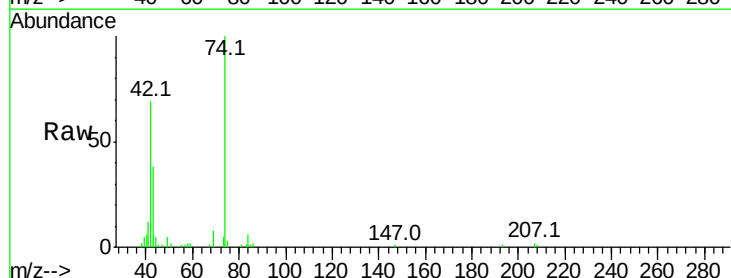
RT: 3.12 min Scan# 90

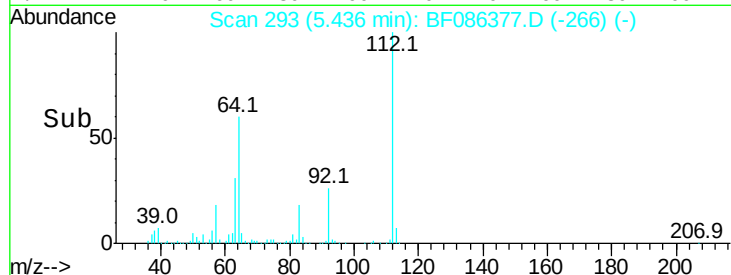
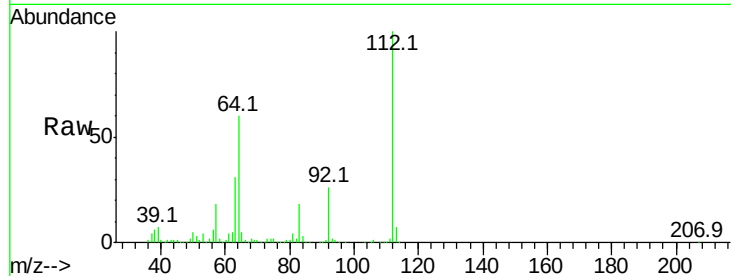
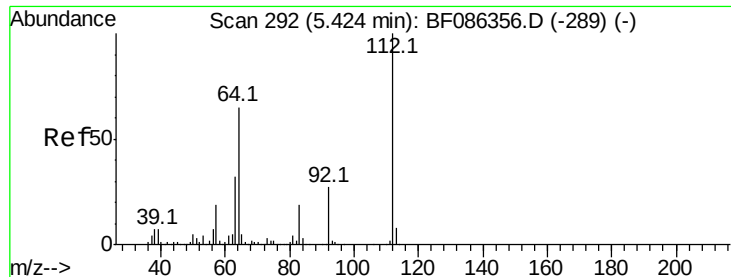
Delta R.T. 0.05 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	42	Resp:	86658
Ion Ratio		Lower	Upper
42	100		
74	146.0	123.4	185.0
44	7.7	5.8	8.6





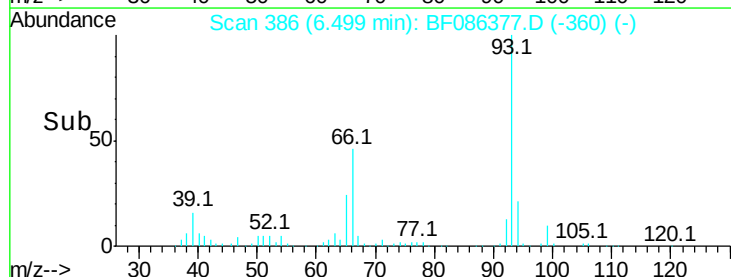
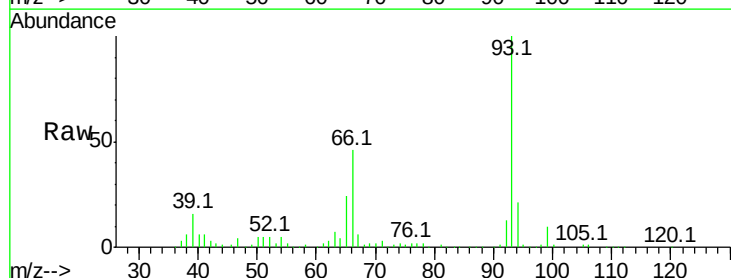
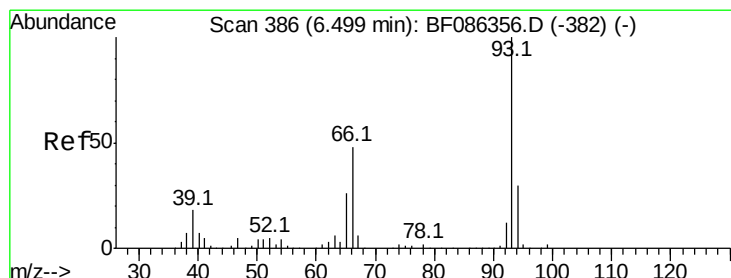
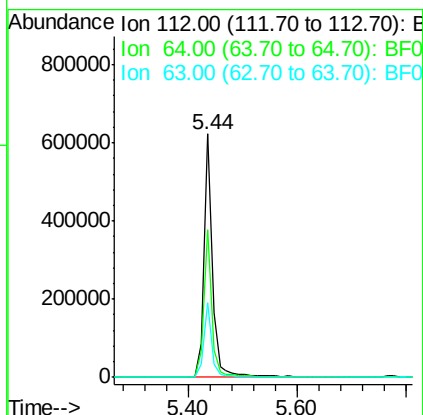
#5
2-Fluorophenol
Concen: 66.61 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tot Ion	Ratio	Resp	Lower	Upper
112	100	677964		
64	60.5	52.1	78.1	
63	30.6	25.7	38.5	

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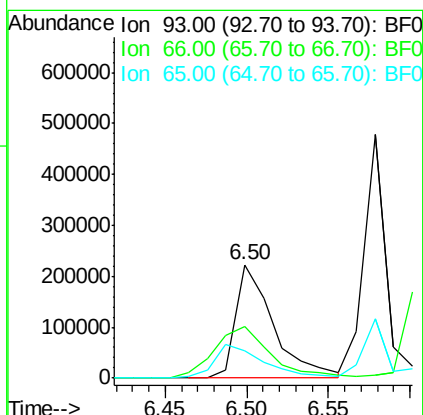
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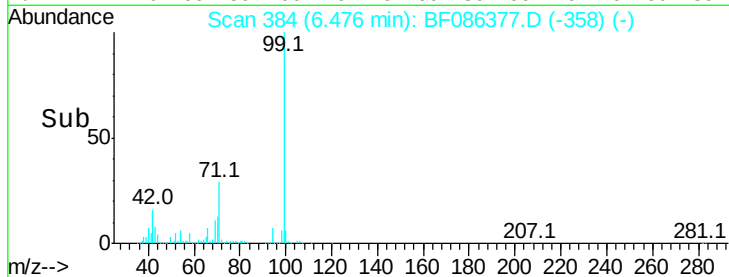
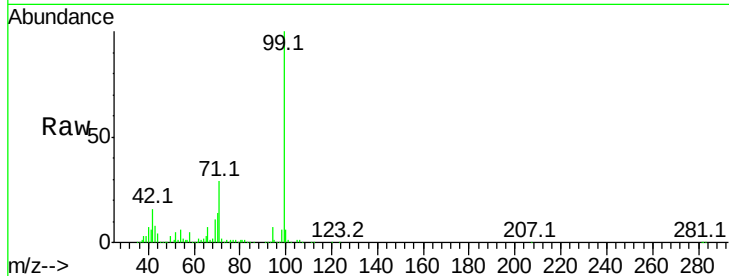
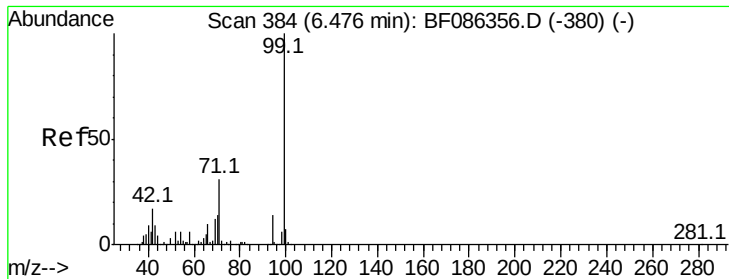
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#6
Aniline
Concen: 21.23 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	358539		
66	45.7	39.0	58.6	
65	23.7	20.6	31.0	





#7

Phenol-d6

Concen: 46.05 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tot Ion:	99	Resp:	637223
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.6	20.4
71	29.2	24.6	36.8

Instrument :

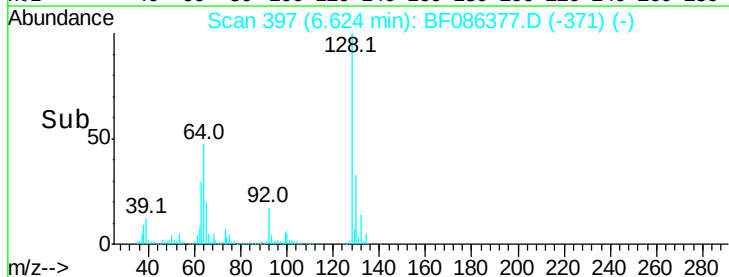
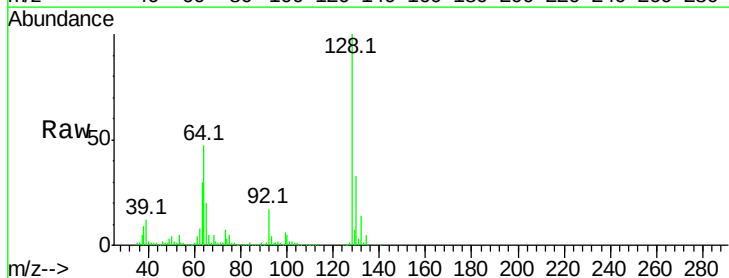
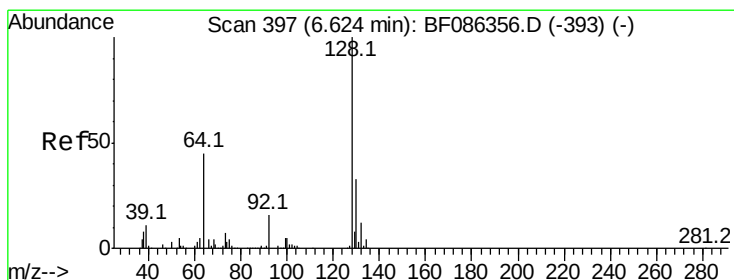
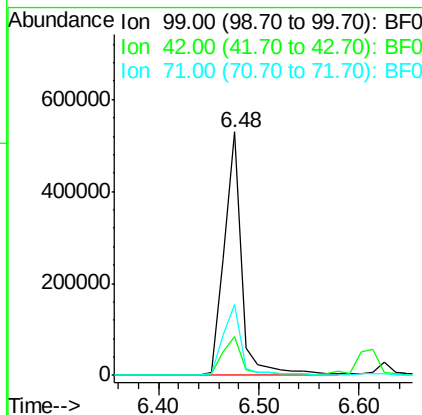
BNA_F

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#8

2-Chlorophenol

Concen: 34.66 ng

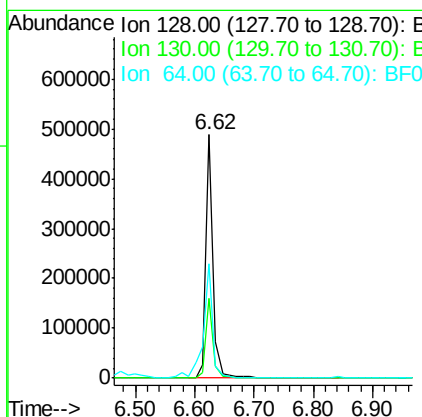
RT: 6.62 min Scan# 397

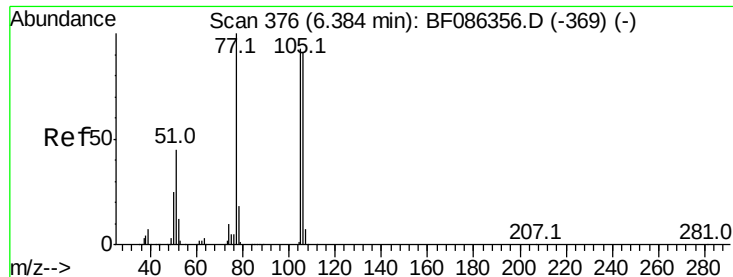
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	128	Resp:	430759
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.5	52.5
64	47.2	27.3	67.3





#9

Benzaldehyde

Concen: 10.91 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

ClientSampled :

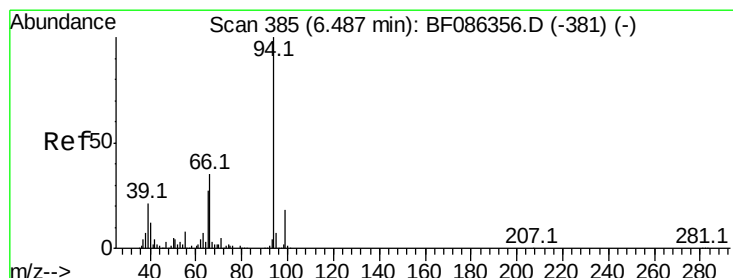
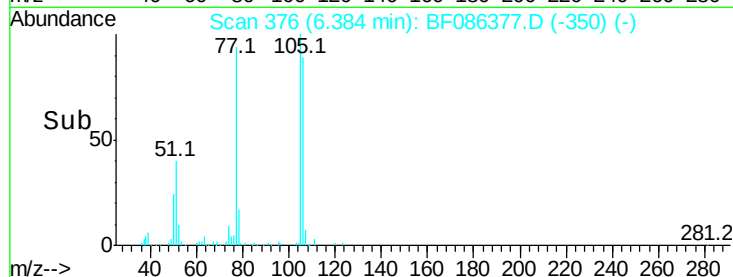
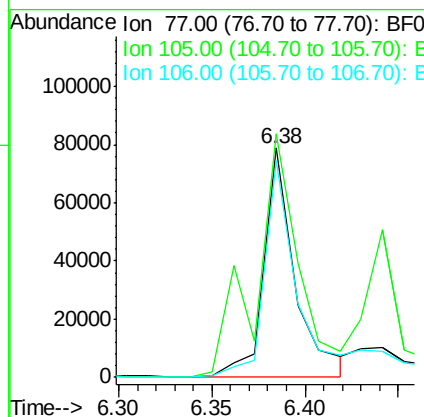
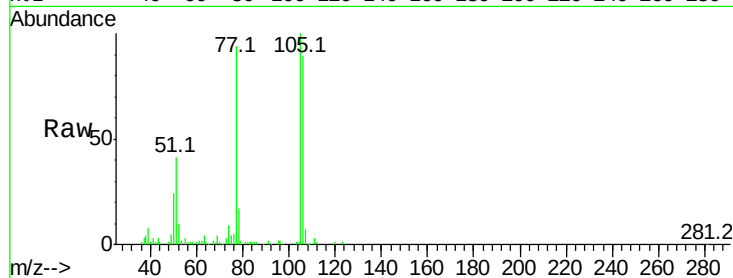
MW-11MSD

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Tot Ion	77	Resp	91721
Ion	Ratio	Lower	Upper
77	100		
105	106.2	72.7	112.7
106	94.6	70.8	110.8



#10

Phenol

Concen: 16.21 ng

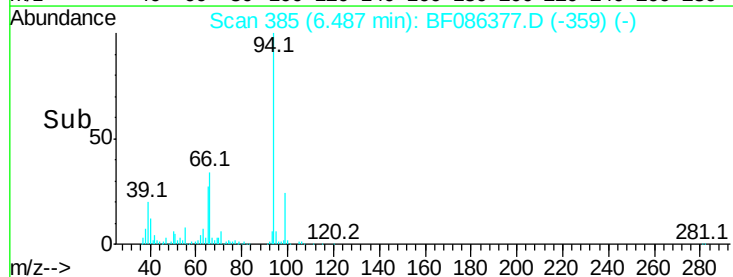
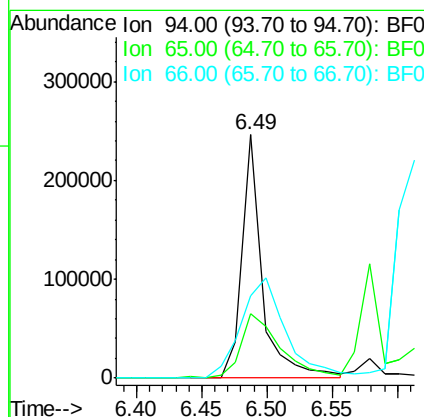
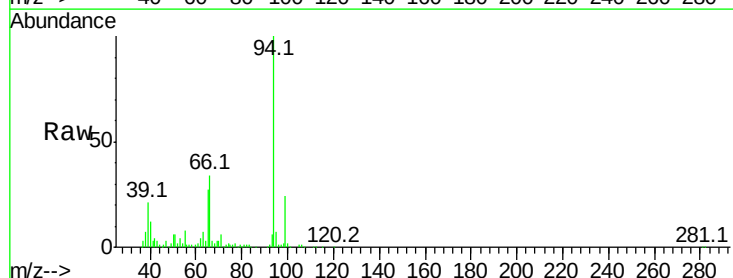
RT: 6.49 min Scan# 385

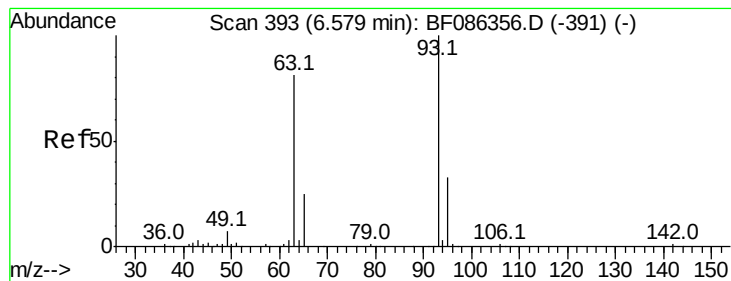
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion	94	Resp	264767
Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.2	47.2
66	34.1	14.9	54.9





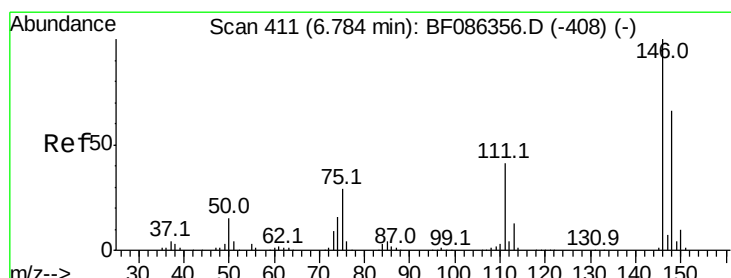
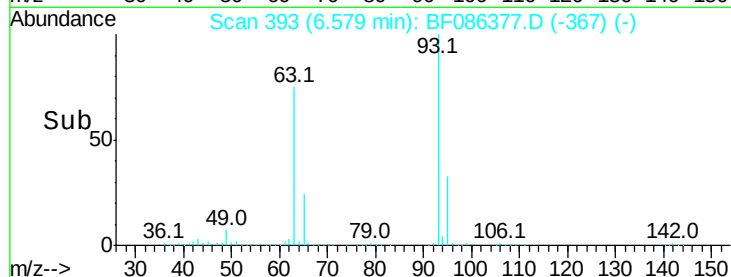
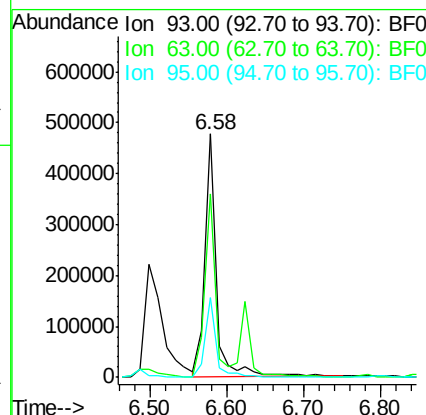
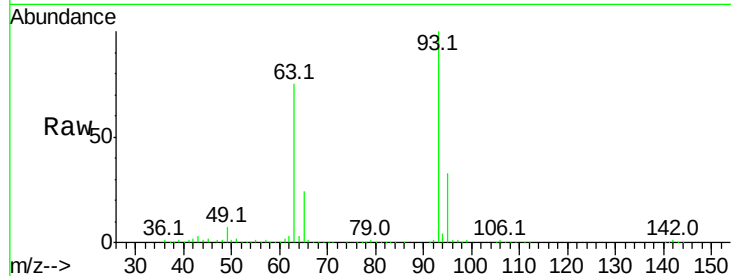
#11
bis(2-Chloroethyl)ether
Concen: 34.57 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	491720		
63	75.2	58.0	98.0	
95	32.7	11.9	51.9	

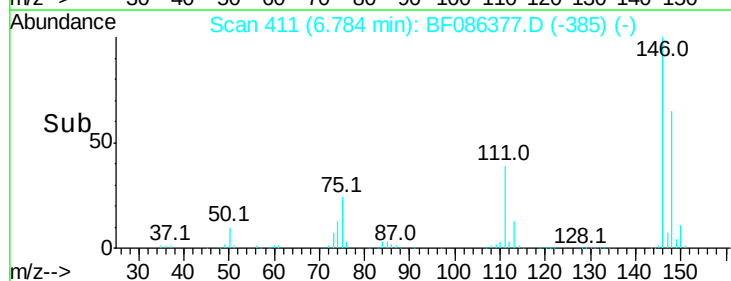
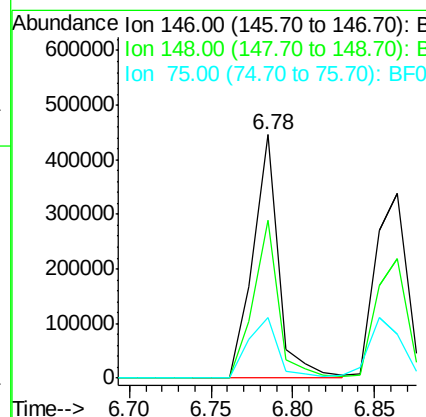
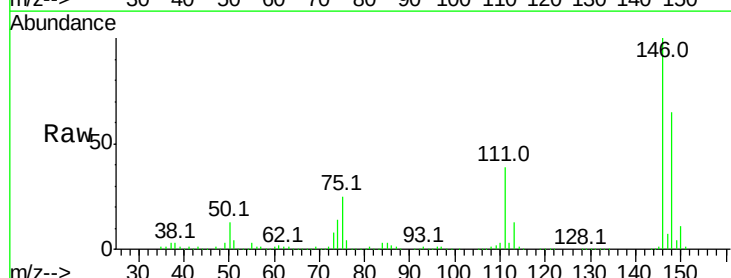
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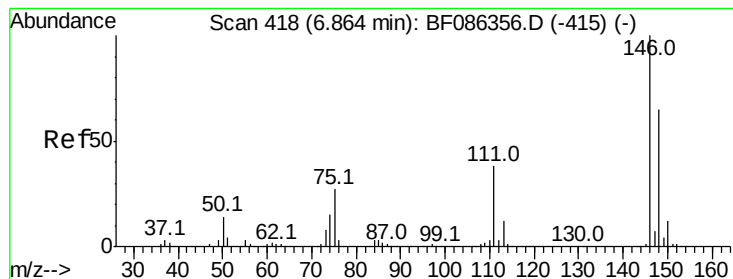
sohil
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#12
1,3-Dichlorobenzene
Concen: 36.58 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	484752		
148	64.7	52.4	78.6	
75	24.8	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 34.37 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

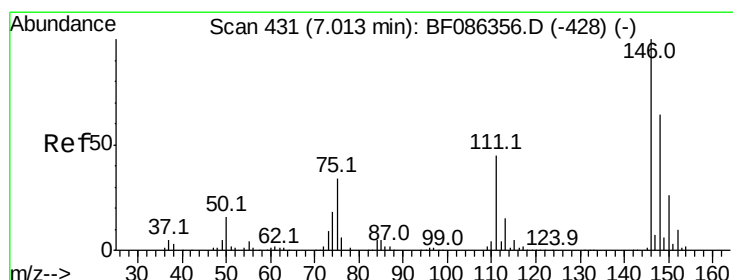
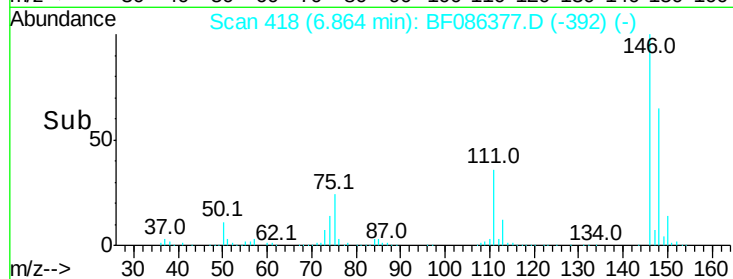
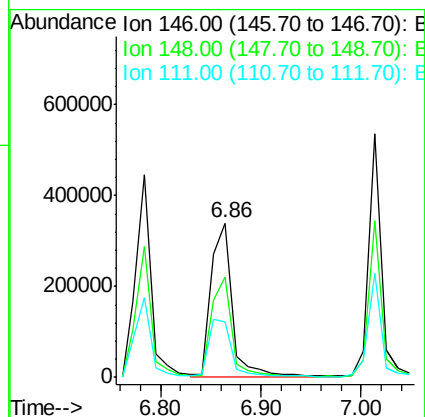
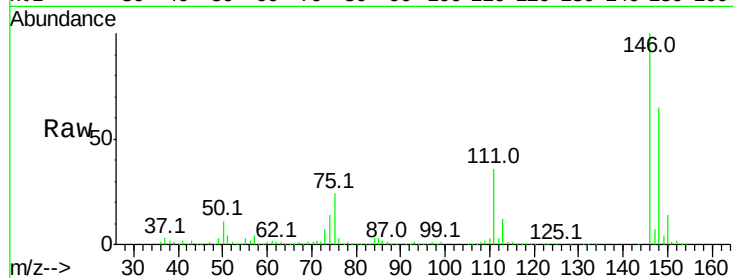
ClientSampleId :

MW-11MSD

Tot Ion:	146	Resp:	500248
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.4
111	36.1	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 36.95 ng

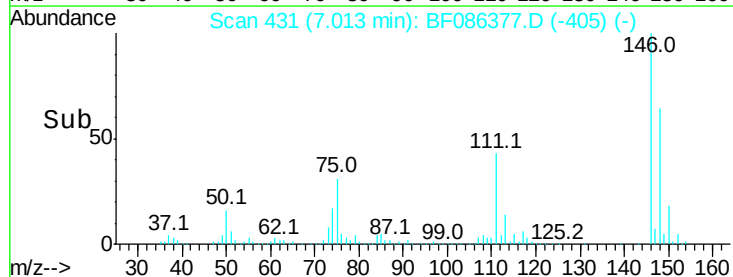
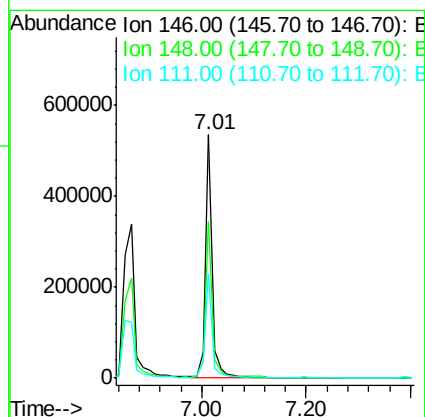
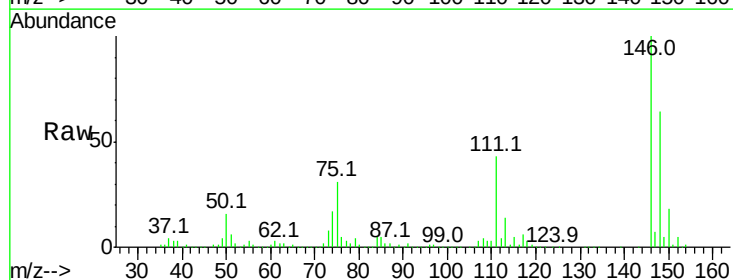
RT: 7.01 min Scan# 431

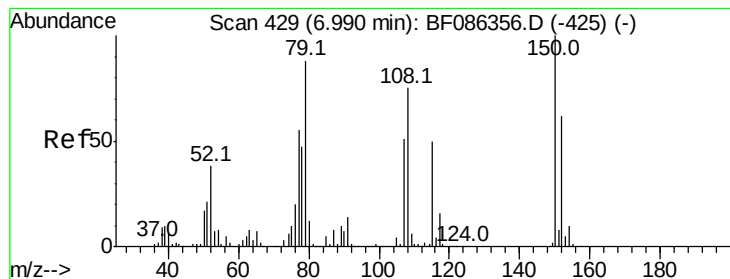
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	146	Resp:	488699
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.6
111	43.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 32.74 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

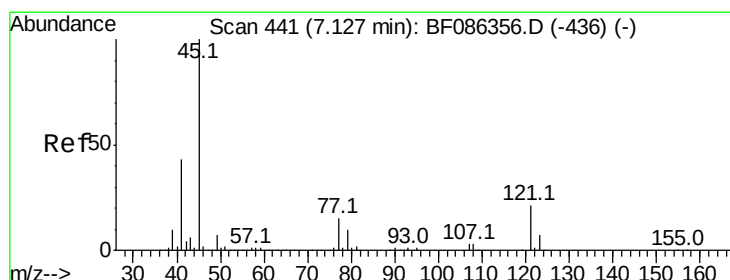
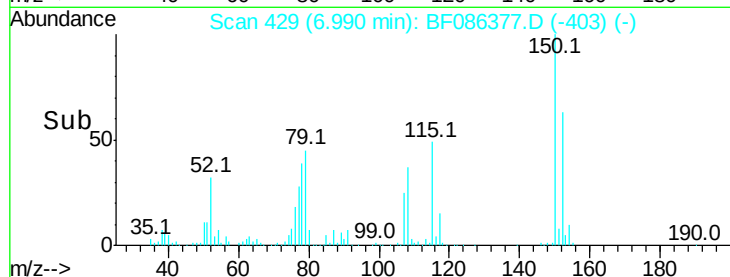
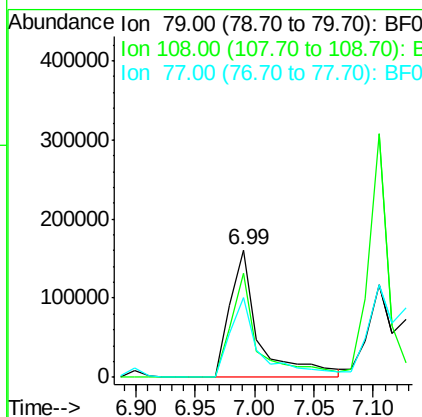
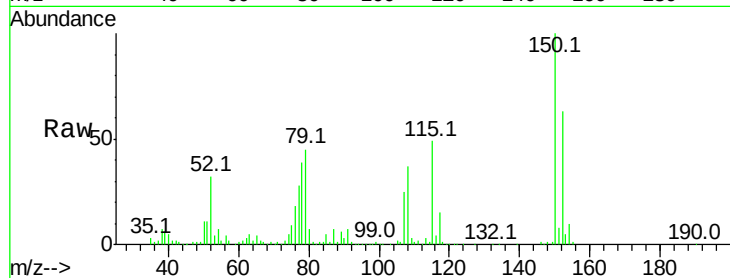
ClientSampleId :

MW-11MSD

Tot Ion:	79	Resp:	268881
Ion Ratio	Lower	Upper	
79	100		
108	81.9	68.4	102.6
77	62.2	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.87 ng

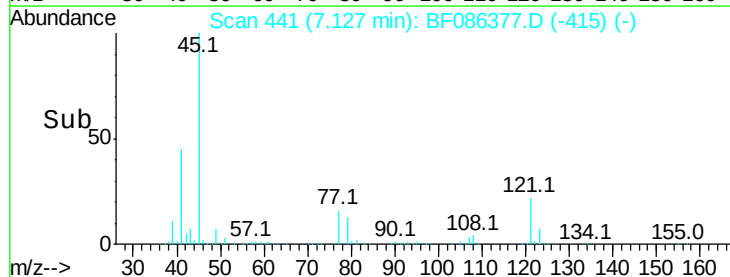
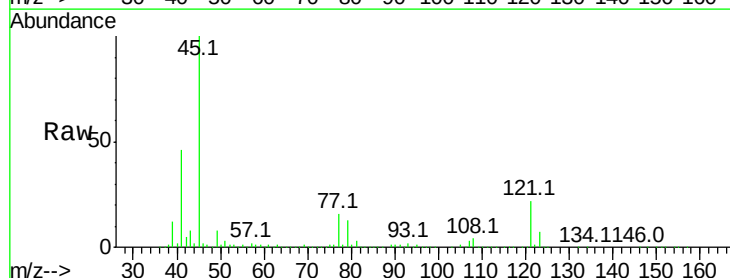
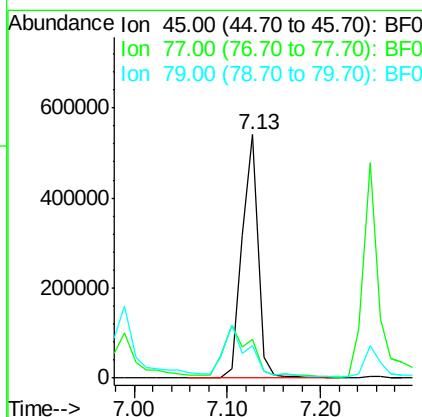
RT: 7.13 min Scan# 441

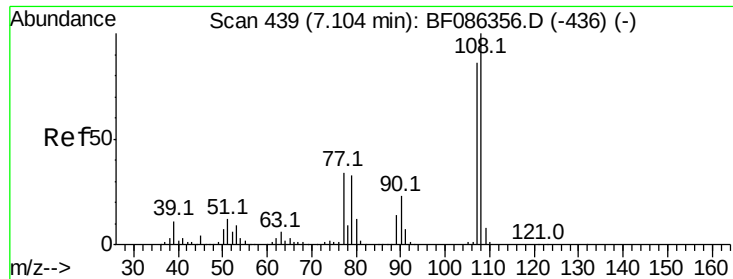
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	45	Resp:	650241
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	36.4
79	13.5	0.0	33.4





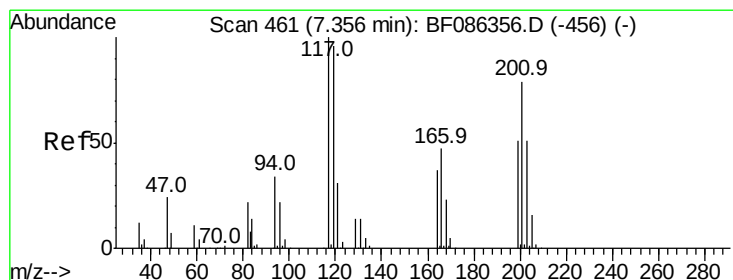
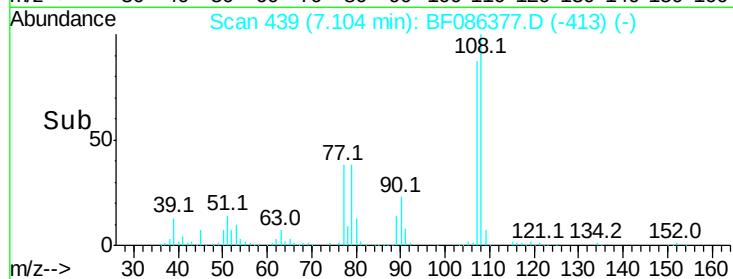
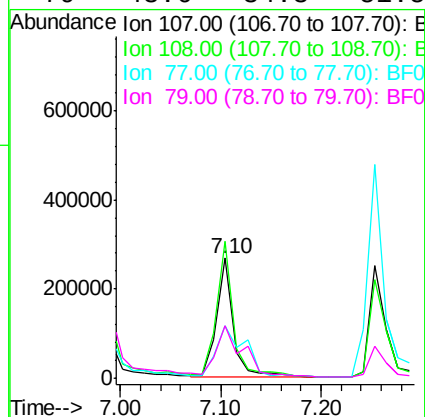
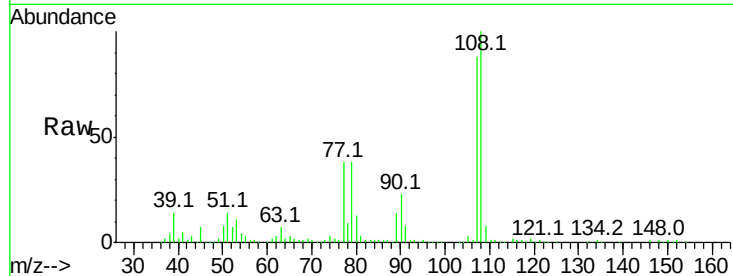
#17
2-Methylphenol
Concen: 31.01 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

Tot Ion:	107	Resp:	315734
Ion Ratio	Lower	Upper	
107	100		
108	114.1	93.7	140.5
77	43.5	33.4	50.0
79	43.6	34.3	51.5

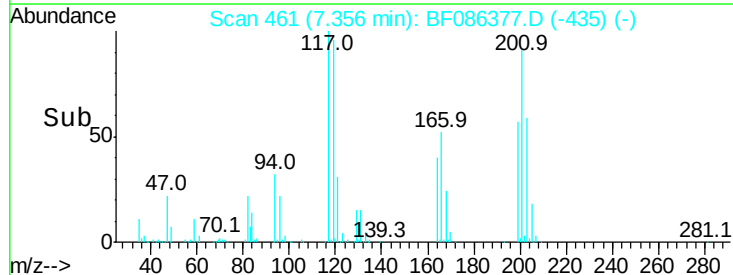
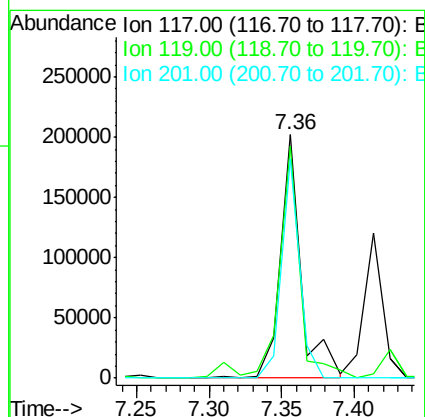
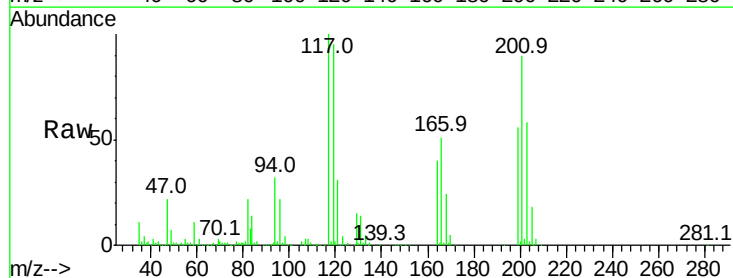
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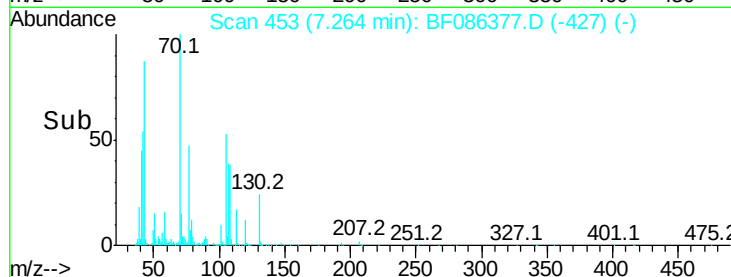
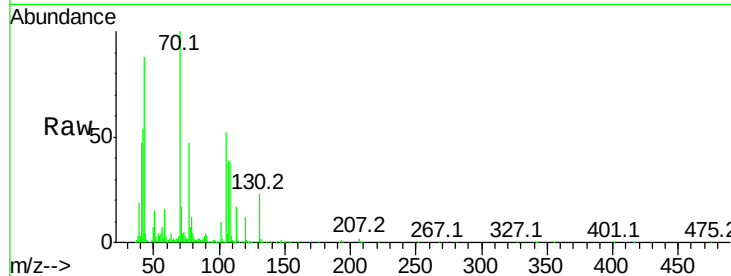
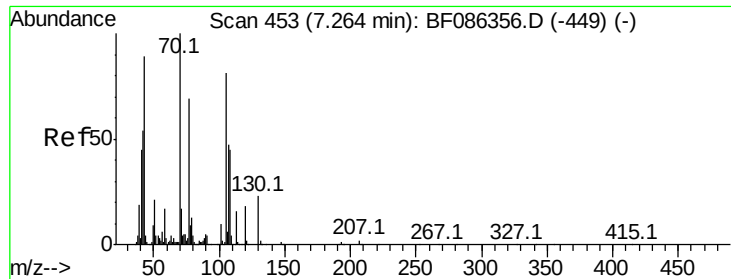
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#18
Hexachloroethane
Concen: 41.03 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion:	117	Resp:	201178
Ion Ratio	Lower	Upper	
117	100		
119	95.1	76.5	114.7
201	90.1	63.0	94.6





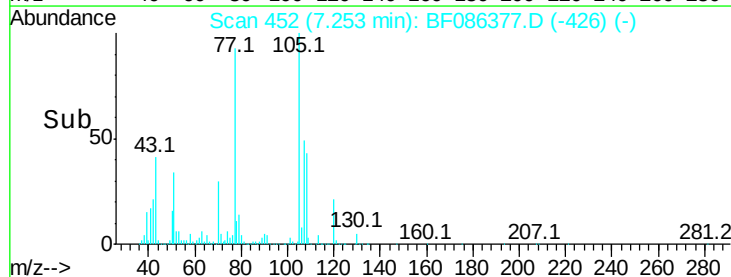
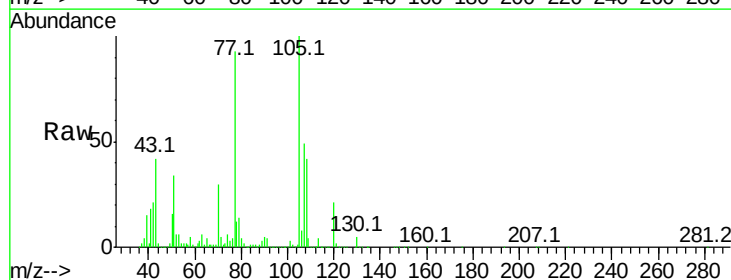
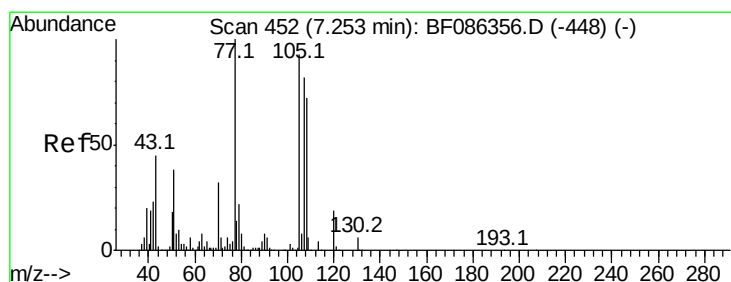
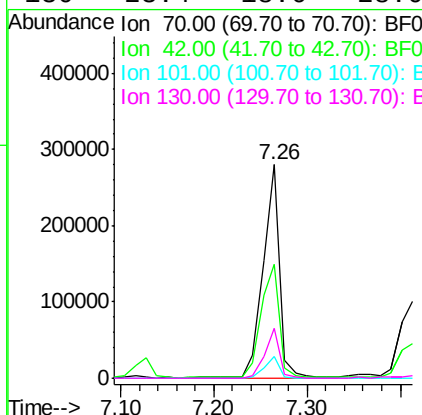
#19
n-Nitroso-di-n-propylamine
Concen: 41.77 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

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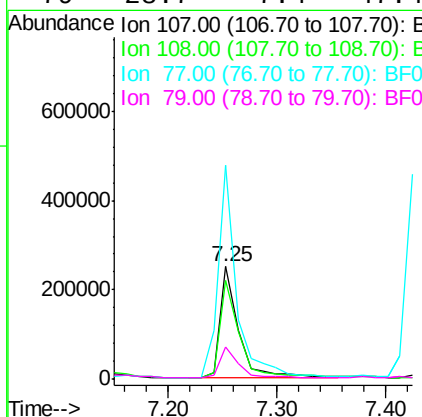
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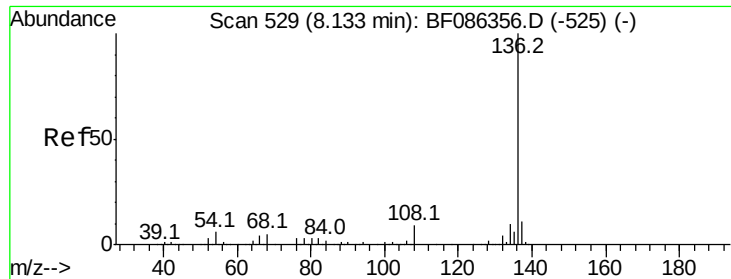
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.6	43.1	64.7		
101	10.0	8.1	12.1		
130	23.4	18.6	28.0		



#20
3+4-Methylphenols
Concen: 27.85 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.4	68.5	108.5		
77	190.5	101.6	141.6#		
79	28.7	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

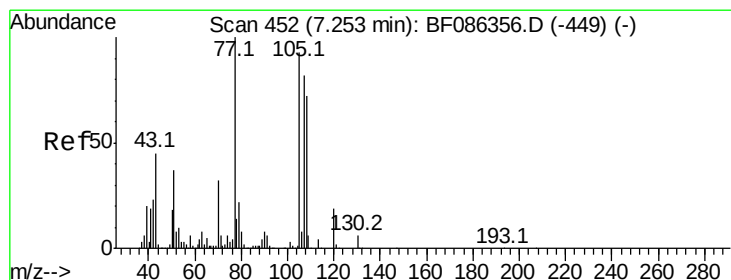
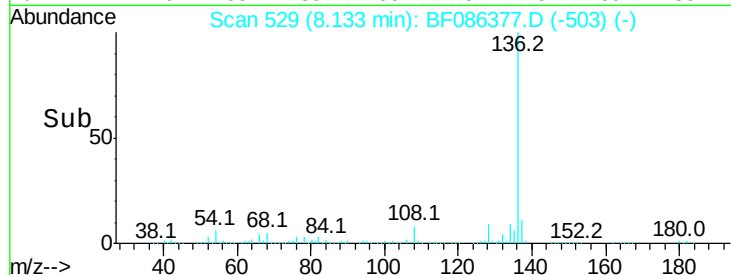
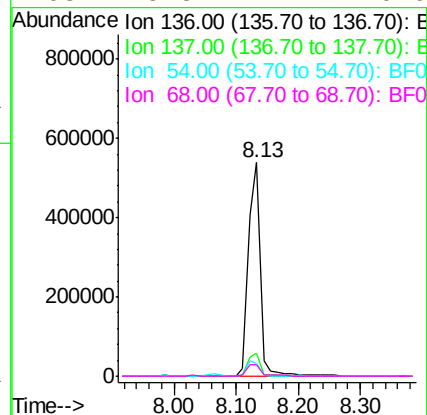
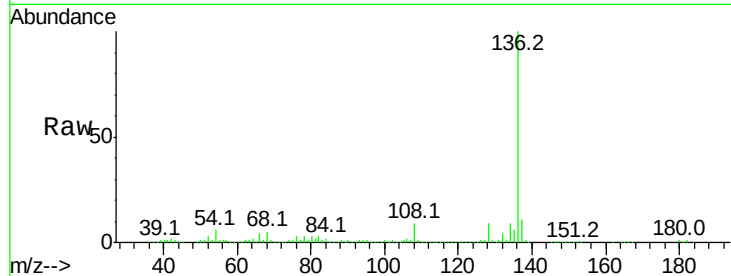
ClientSampleId :

MW-11MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.7	5.0	7.4
68	5.3	4.4	6.6

Manual Integrations
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#22

Acetophenone

Concen: 43.37 ng

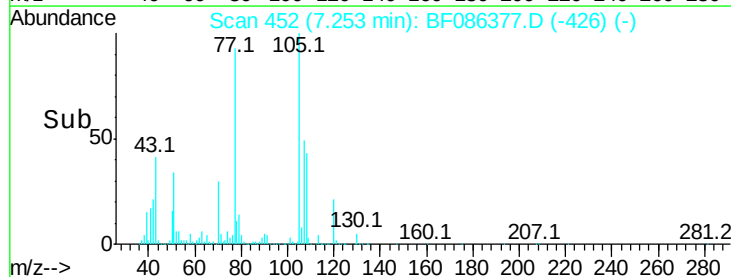
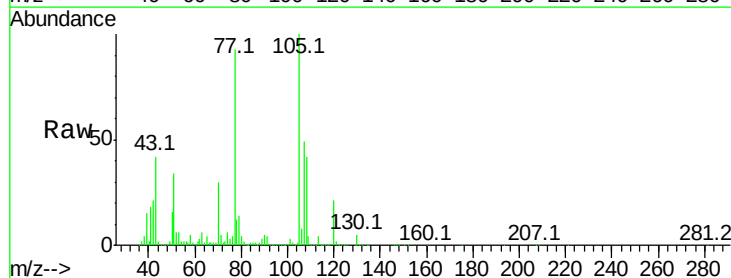
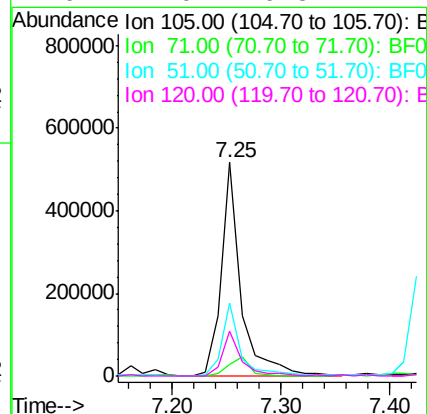
RT: 7.25 min Scan# 452

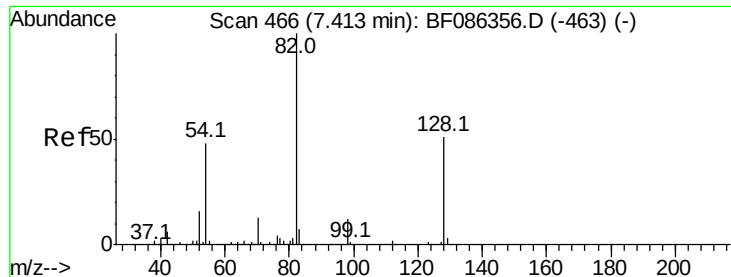
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.3	4.8	7.2
51	34.3	32.6	49.0
120	21.0	16.5	24.7





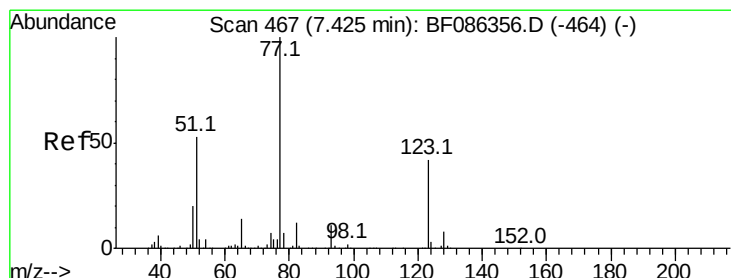
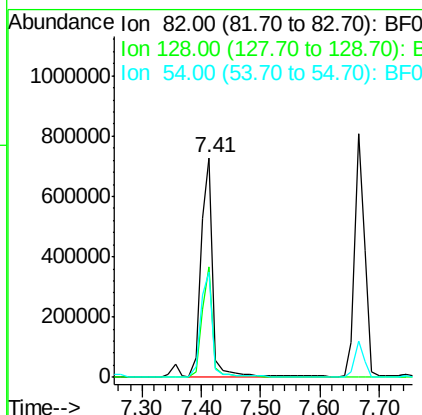
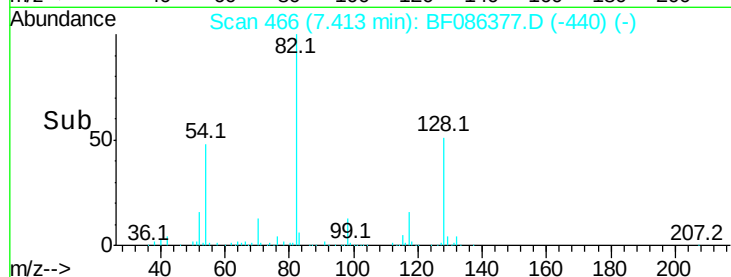
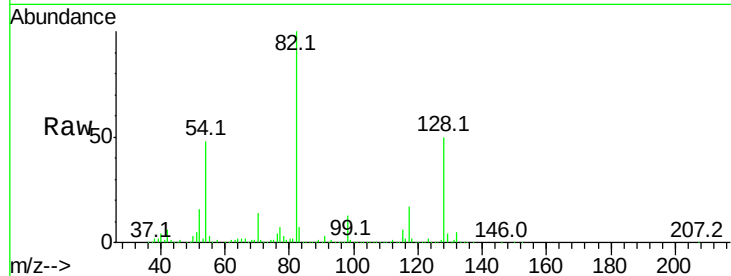
#23
 Nitrobenzene-d5
 Concen: 83.48 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MSD

Tot Ion: 82 Resp: 1020190
 Ion Ratio Lower Upper
 82 100
 128 50.5 40.6 61.0
 54 47.9 38.1 57.1

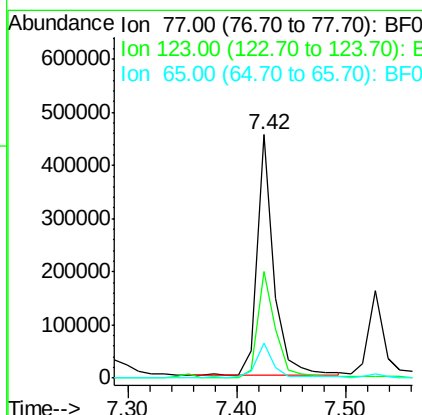
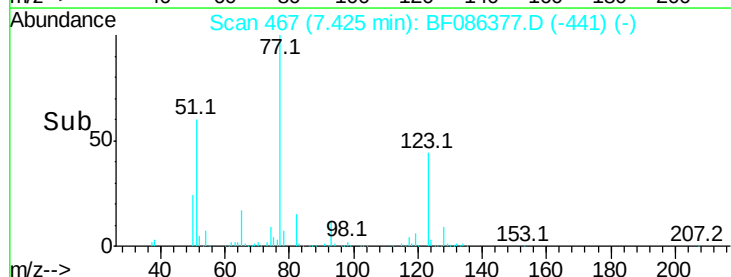
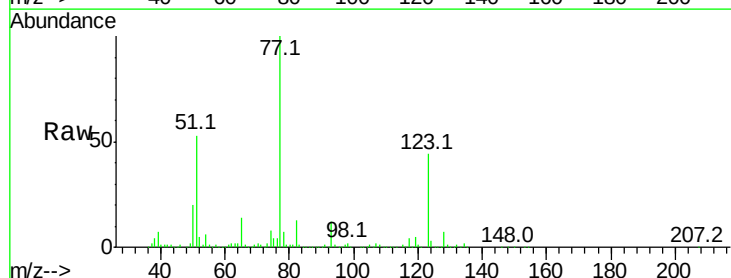
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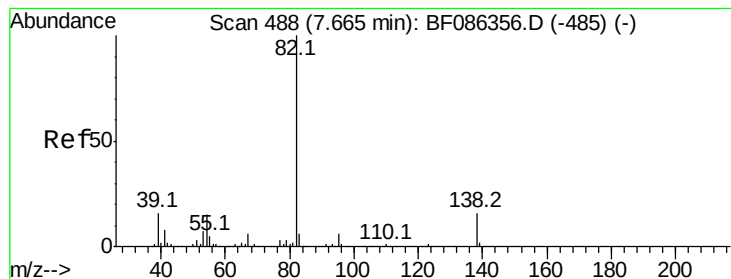
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#24
 Nitrobenzene
 Concen: 37.24 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Tgt Ion: 77 Resp: 488194
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.0 49.4
 65 14.3 10.8 16.2





#25

Isophorone

Concen: 39.01 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

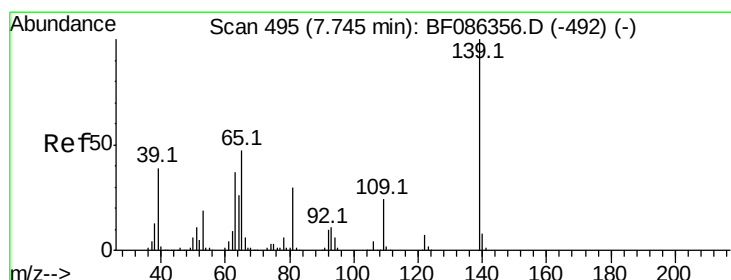
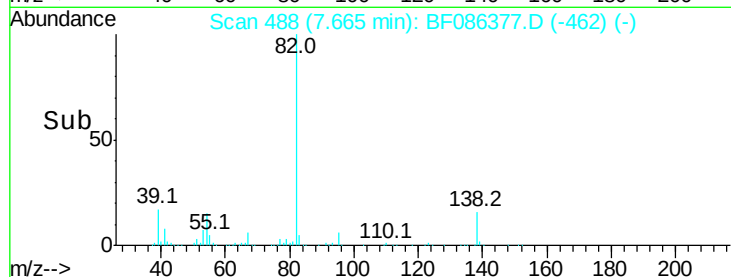
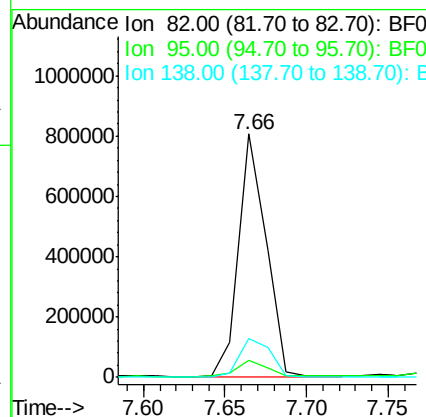
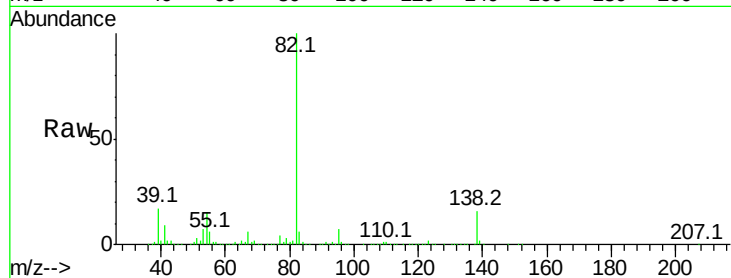
ClientSampled :

MW-11MSD

Tot Ion:	82	Resp:	934188
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.1	7.7
138	16.0	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.82 ng

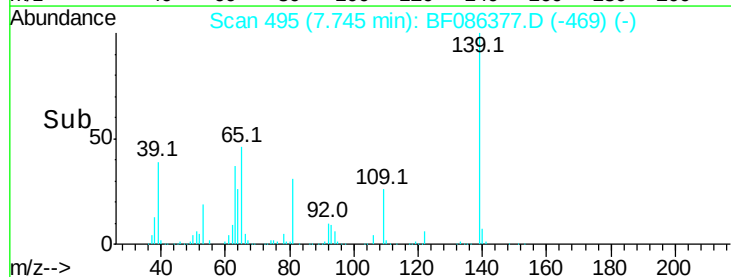
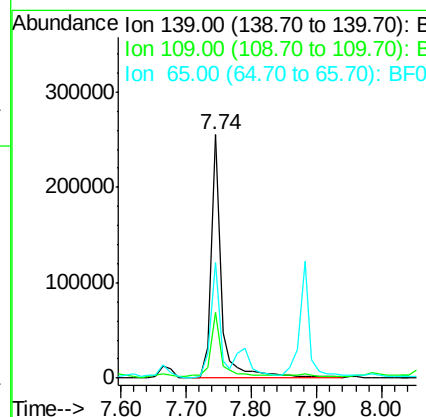
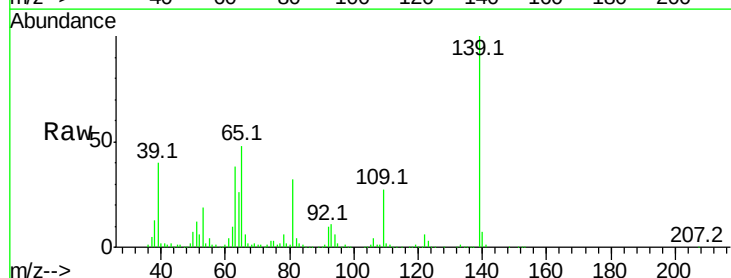
RT: 7.74 min Scan# 495

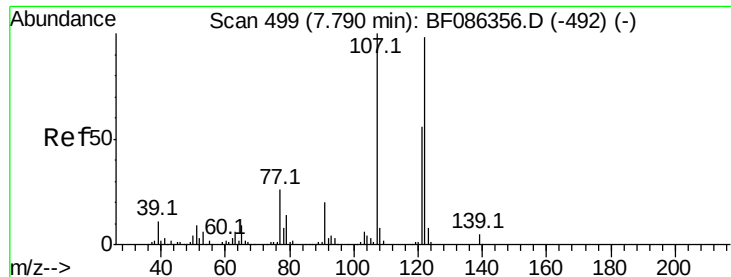
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	139	Resp:	277322
Ion Ratio	Lower	Upper	
139	100		
109	27.0	19.5	29.3
65	47.6	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 39.46 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

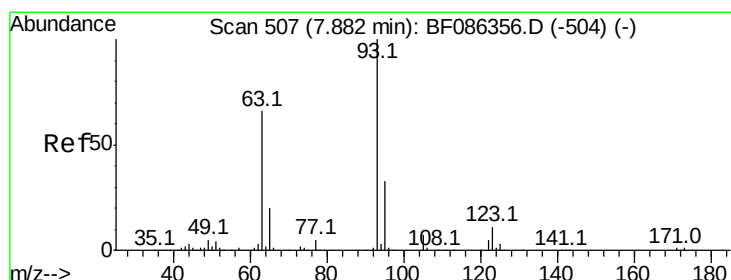
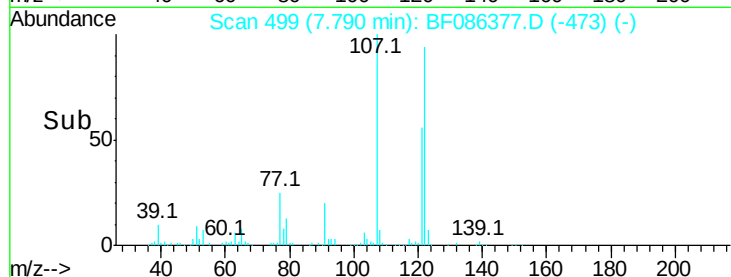
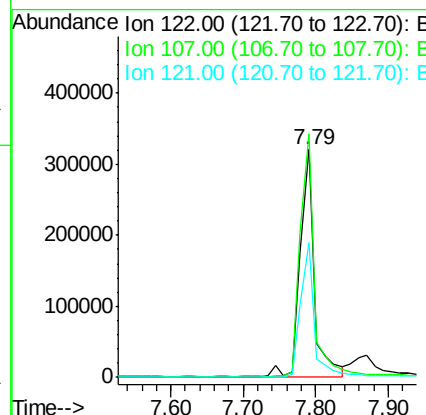
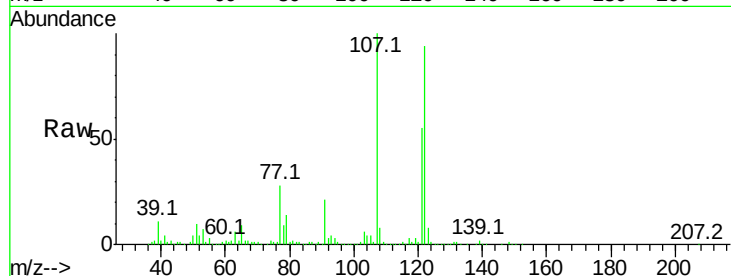
ClientSampleId :

MW-11MSD

Tot Ion:	122	Resp:	437658
Ion Ratio	Lower	Upper	
122	100		
107	106.9	82.0	123.0
121	58.9	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 44.93 ng

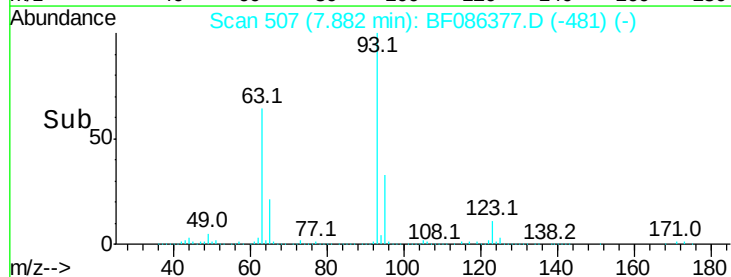
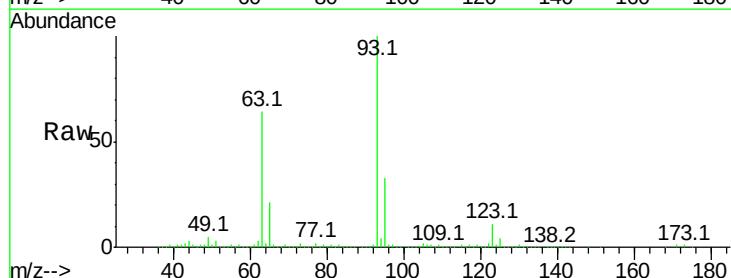
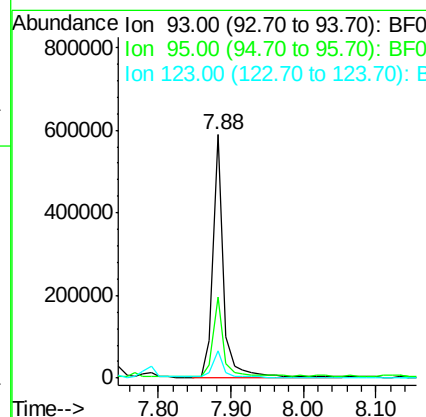
RT: 7.88 min Scan# 507

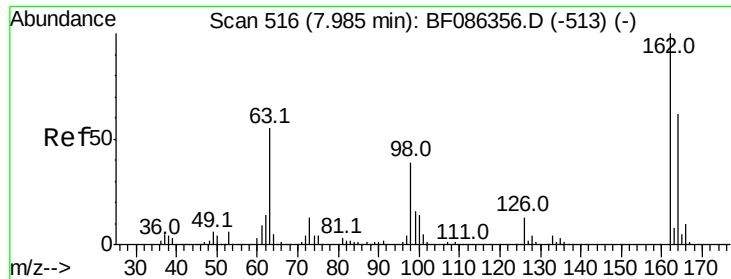
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	93	Resp:	600845
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.0	39.0
123	11.2	9.5	14.3





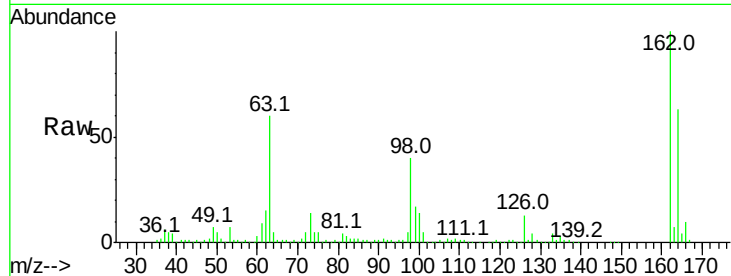
#29
2,4-Dichlorophenol
Concen: 44.43 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

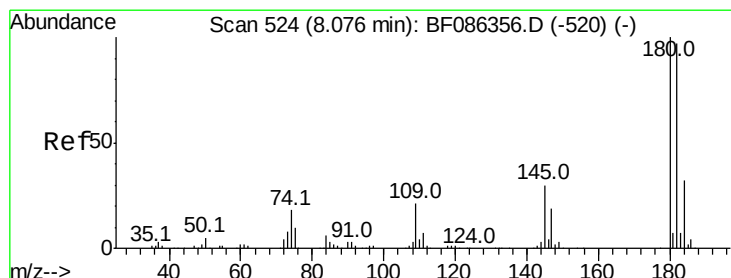
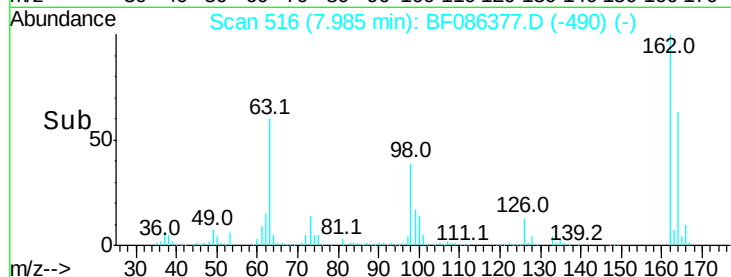
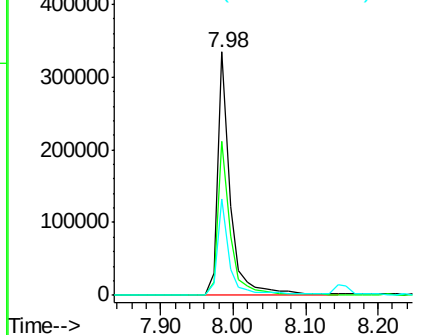
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	42.2	82.2
98	39.5	19.0	59.0

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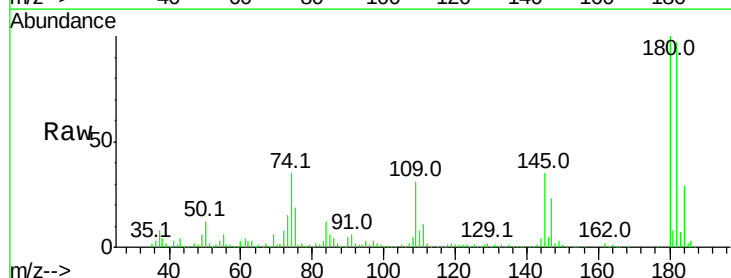


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

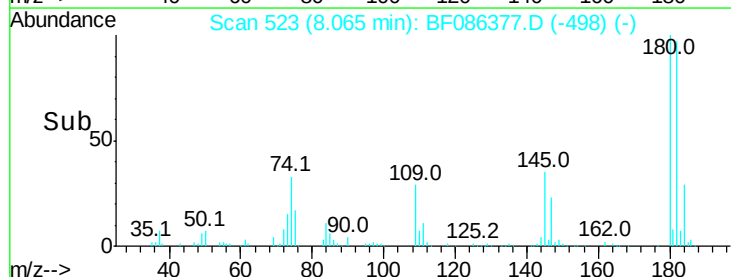
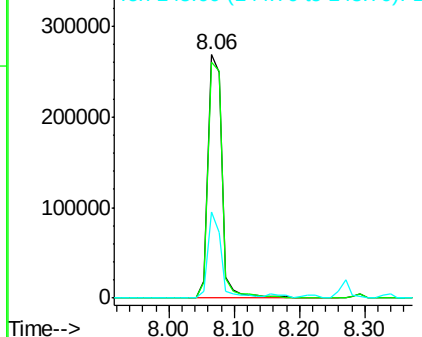


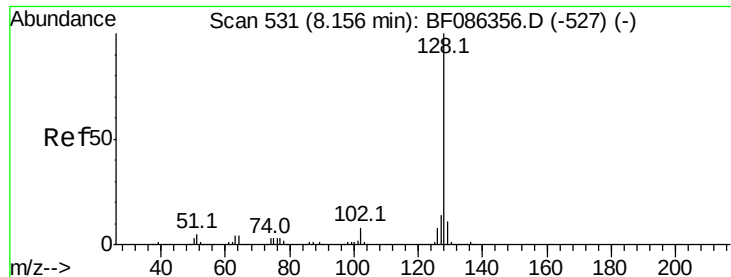
#30
1,2,4-Trichlorobenzene
Concen: 40.76 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.7	78.0	117.0
145	35.5	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





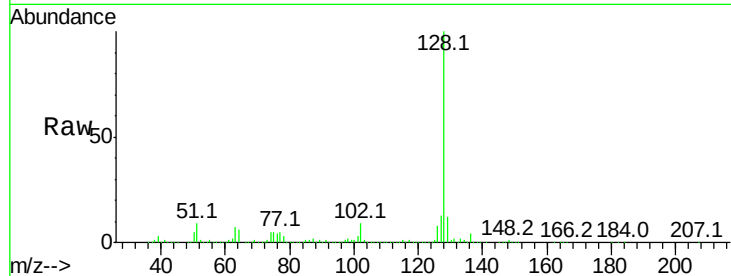
#31
Naphthalene
Concen: 39.51 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

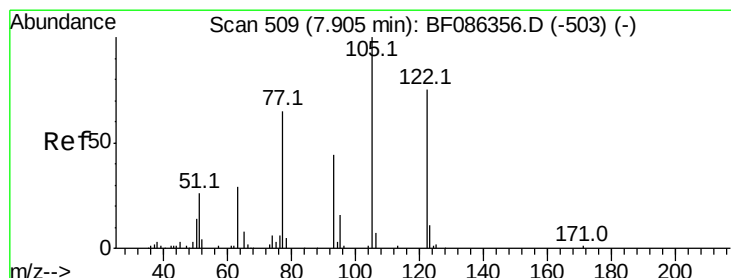
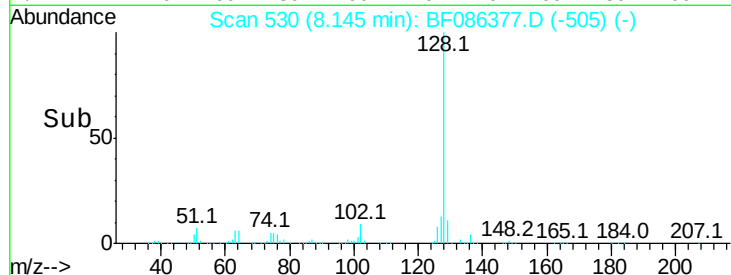
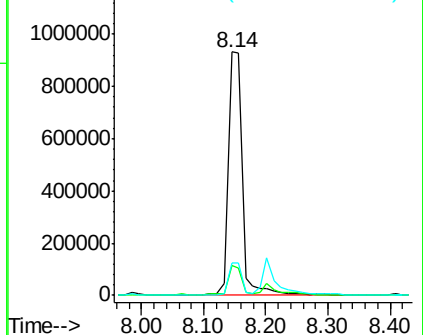
Tot Ion:128 Resp: 1457106
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 13.4 10.8 16.2

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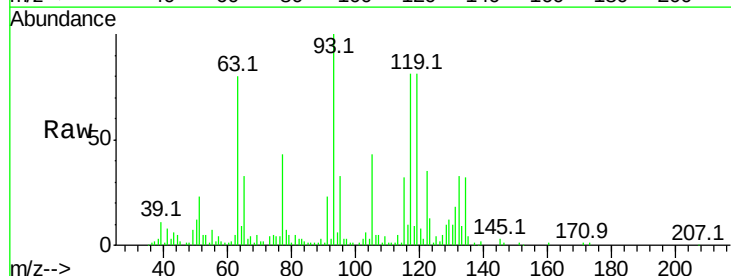


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

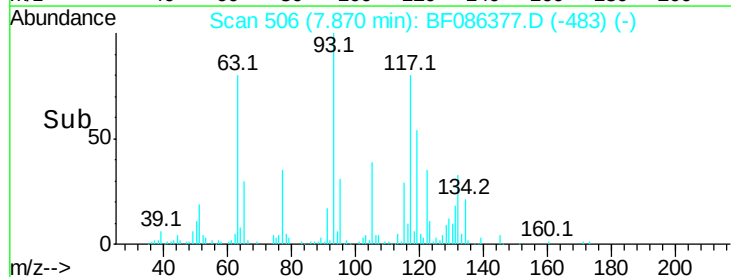
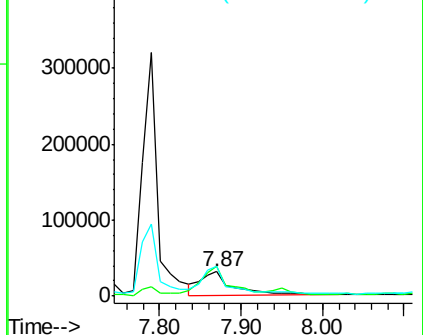


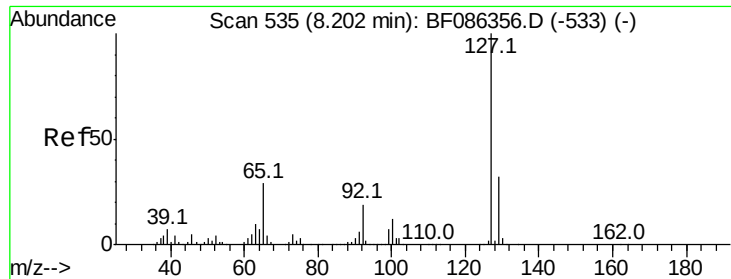
#32
Benzoic acid
Concen: 11.60 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion:122 Resp: 82230
Ion Ratio Lower Upper
122 100
105 122.3 92.6 132.6
77 122.6 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





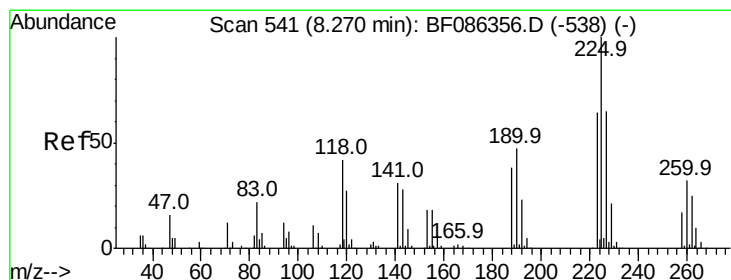
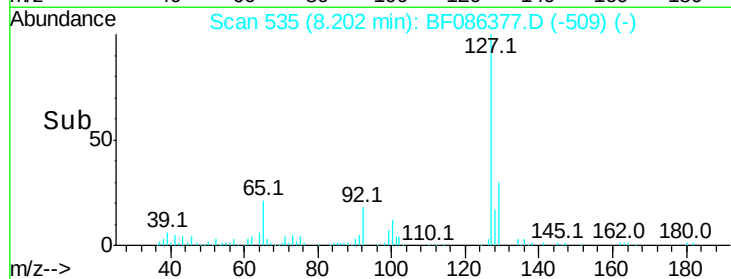
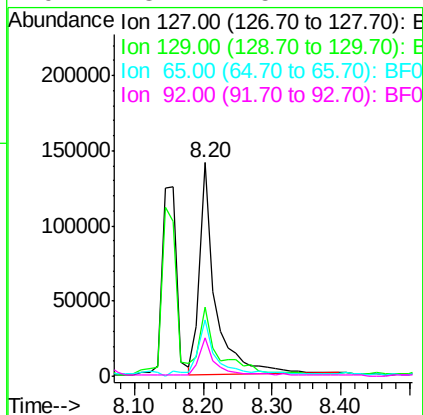
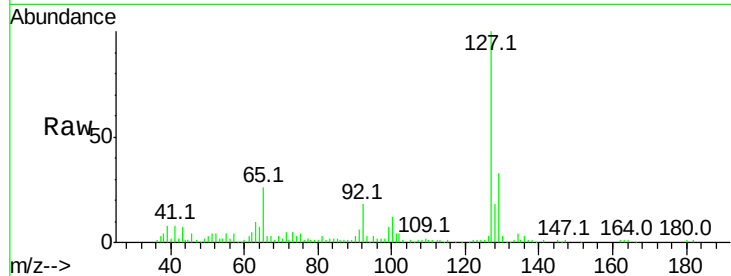
#33
 4-Chloroaniline
 Concen: 15.43 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
221716	127	100			
	129	32.5	26.2	39.4	
	65	26.1	23.0	34.4	
	92	18.1	15.1	22.7	

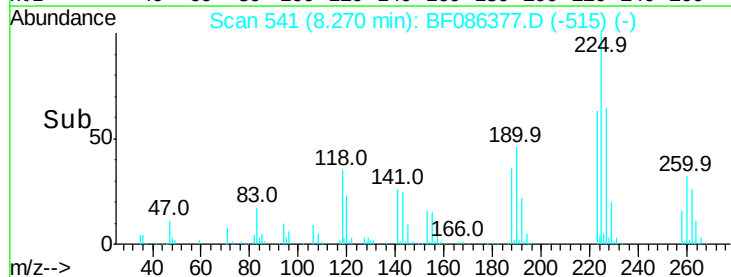
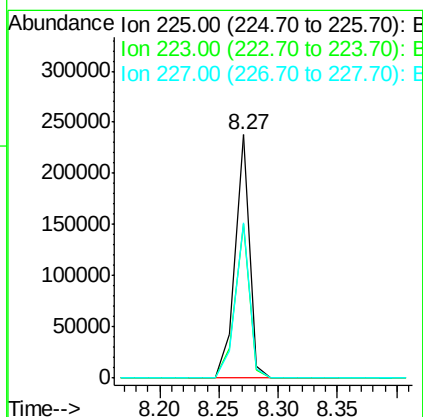
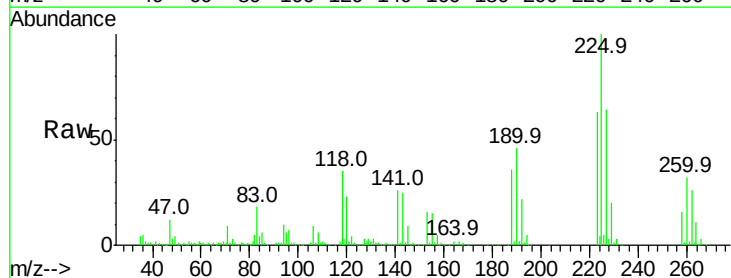
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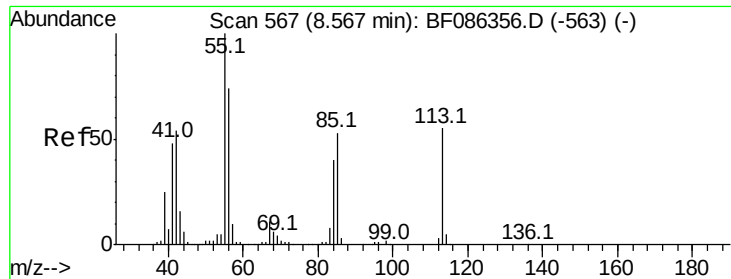
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#34
 Hexachlorobutadiene
 Concen: 40.81 ng
 RT: 8.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202938	225	100			
	223	63.4	51.5	77.3	
	227	63.9	52.2	78.2	





#35

Caprolactam

Concen: 8.93 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.06 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

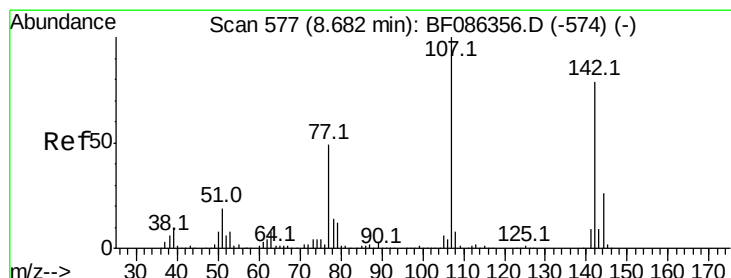
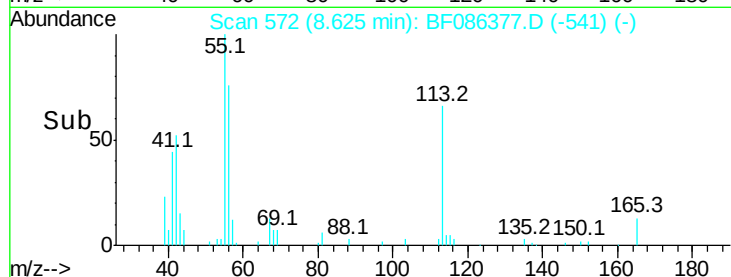
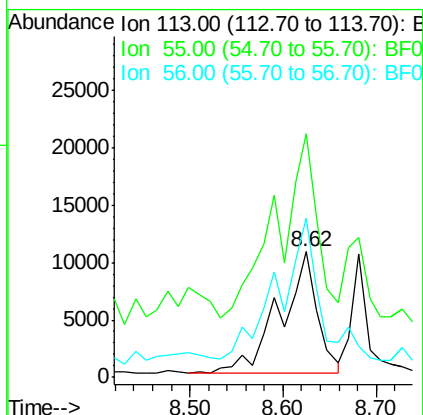
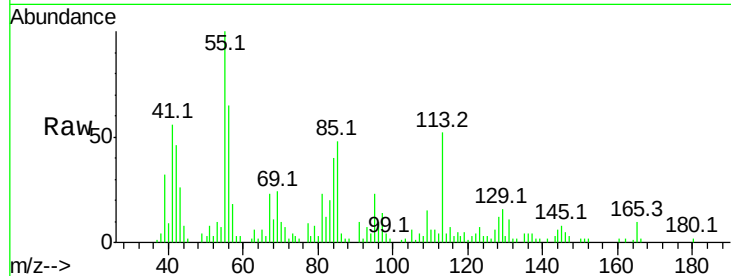
ClientSampleId :

MW-11MSD

Tot Ion:	113	Resp:	29366
Ion Ratio	Lower	Upper	
113	100		
55	193.8	162.0	202.0
56	126.8	115.3	155.3

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#36

4-Chloro-3-methylphenol

Concen: 40.04 ng

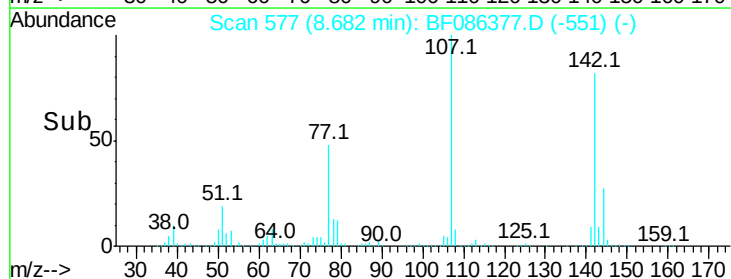
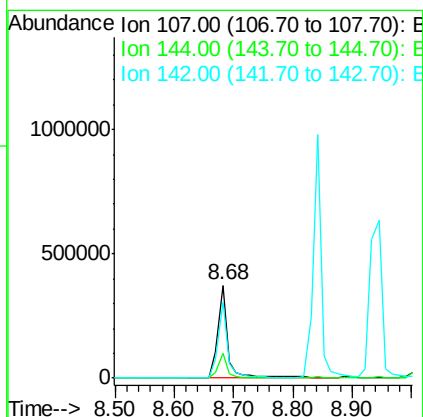
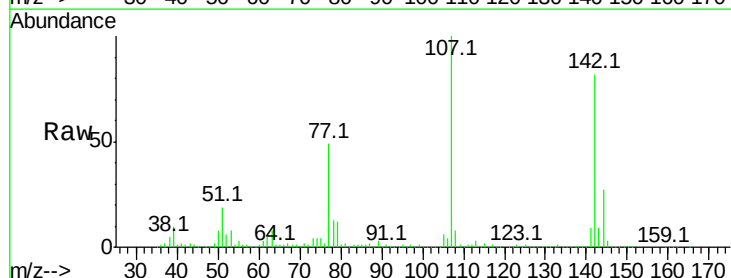
RT: 8.68 min Scan# 577

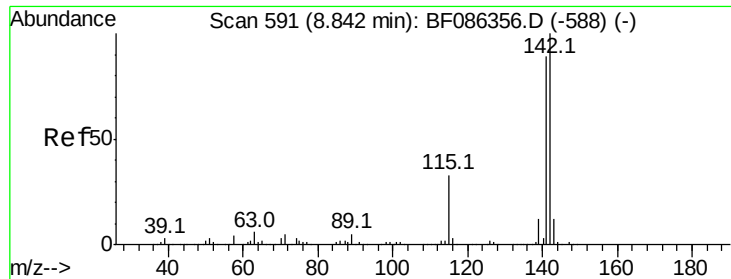
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	107	Resp:	436278
Ion Ratio	Lower	Upper	
107	100		
144	27.1	20.7	31.1
142	81.6	63.2	94.8





#37

2-Methylnaphthalene

Concen: 44.51 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF086377.D

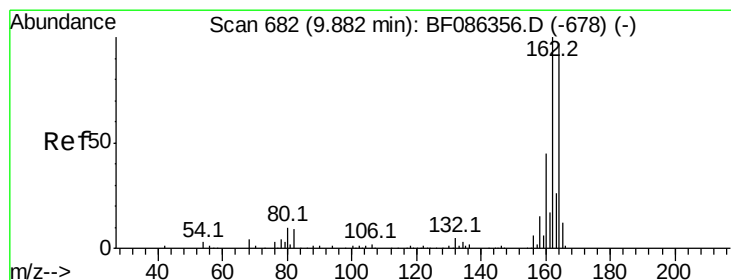
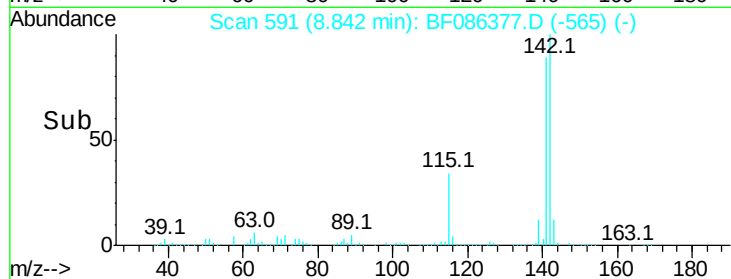
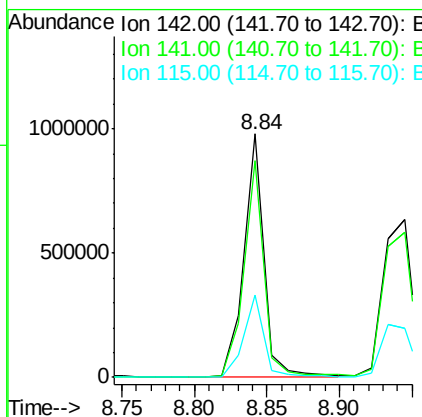
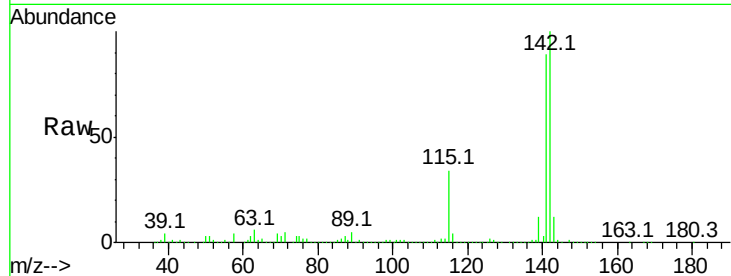
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampled :
MW-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	946610		
141	89.2	71.0	106.6	
115	33.9	26.6	39.8	

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#38

Acenaphthene-d10

Concen: 20.00 ng

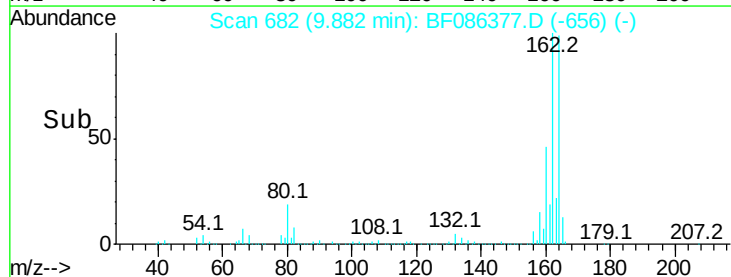
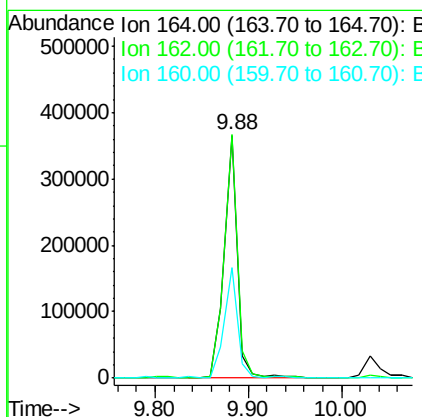
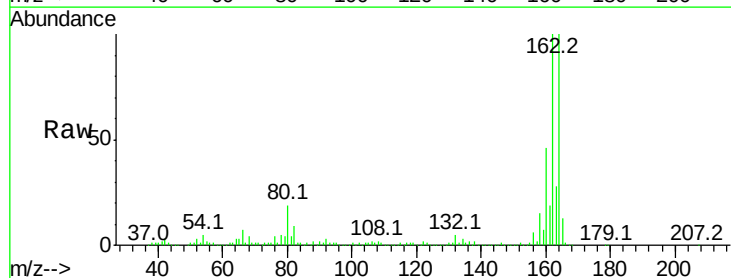
RT: 9.88 min Scan# 682

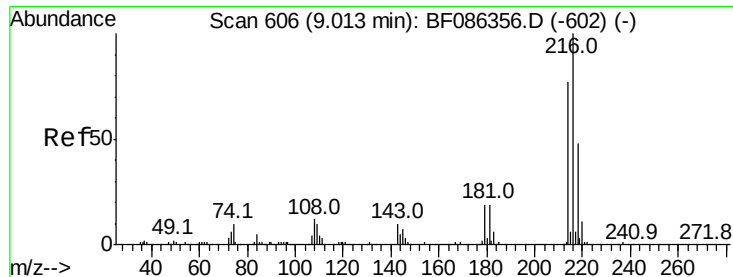
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	357767		
162	100.3	82.8	124.2	
160	45.6	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.08 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

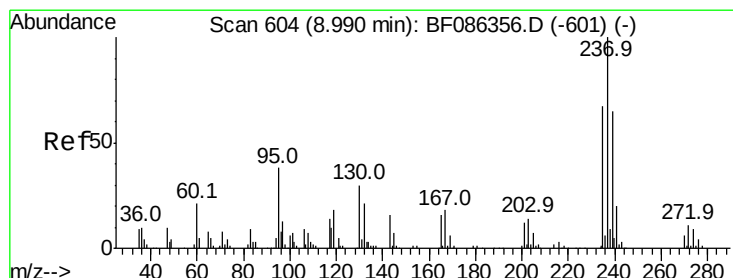
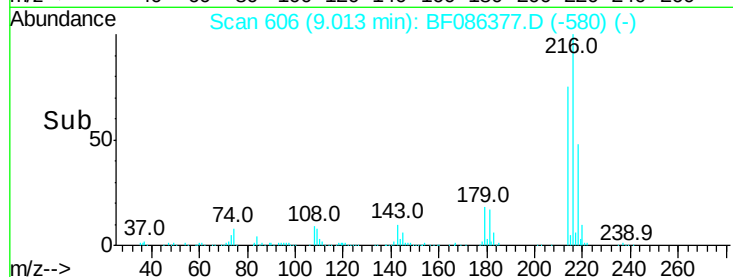
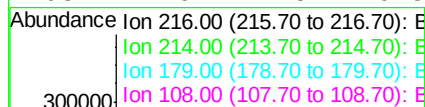
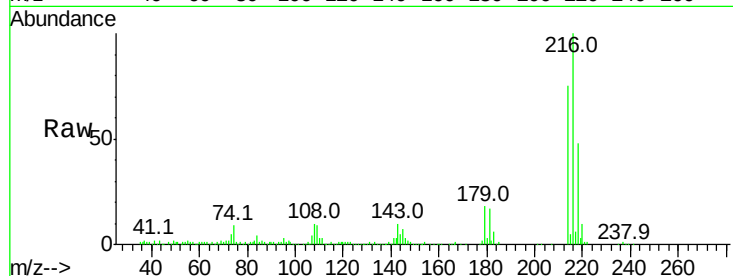
ClientSampled :

MW-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
361756	216	100			
	216	100			
	214	79.1	62.6	93.8	
	179	22.7	18.2	27.4	
	108	21.6	17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 66.70 ng

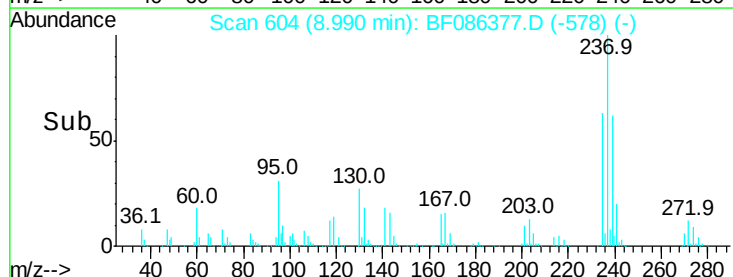
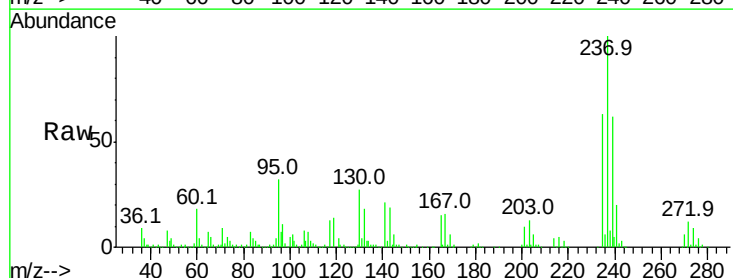
RT: 8.99 min Scan# 604

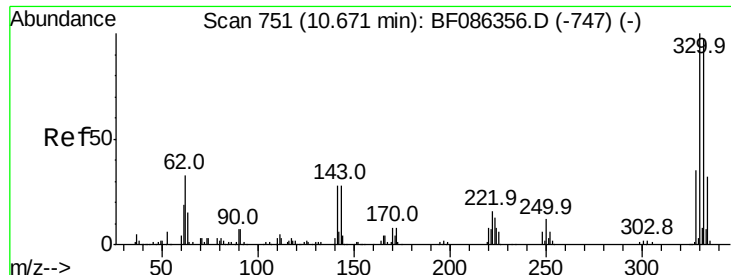
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
301566	237	100			
	237	100			
	235	62.7	47.2	87.2	
	272	11.7	0.0	31.1	





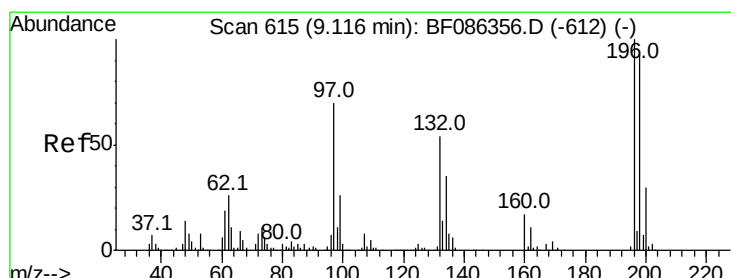
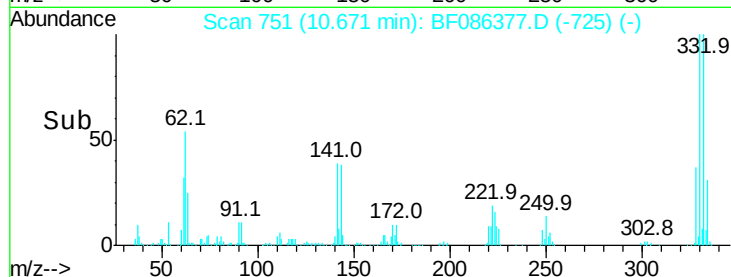
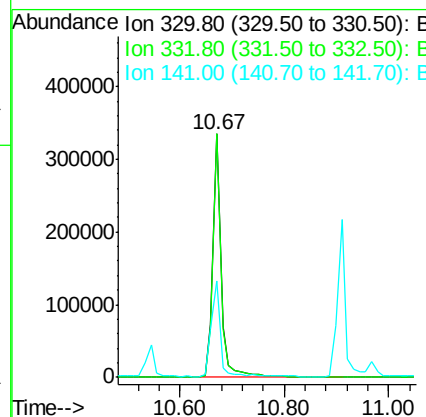
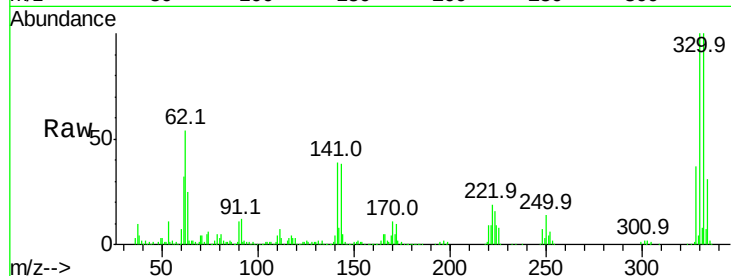
#41
 2,4,6-Tribromophenol
 Concen: 115.94 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	375478		
332	97.8	79.0	118.4	
141	40.1	31.2	46.8	

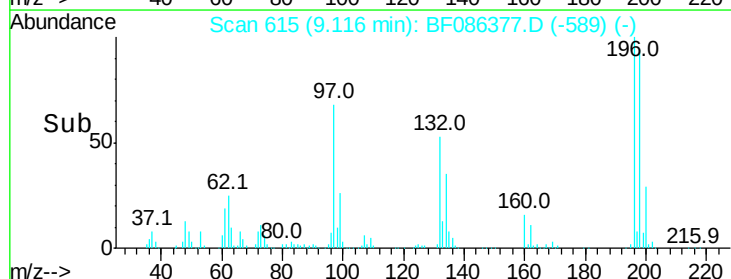
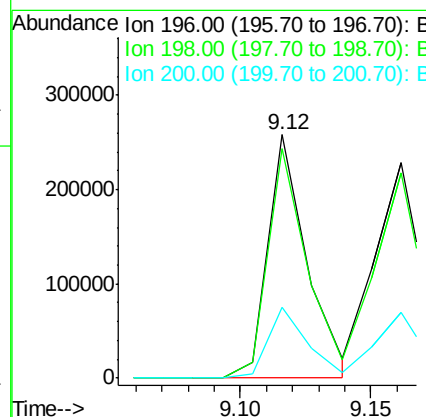
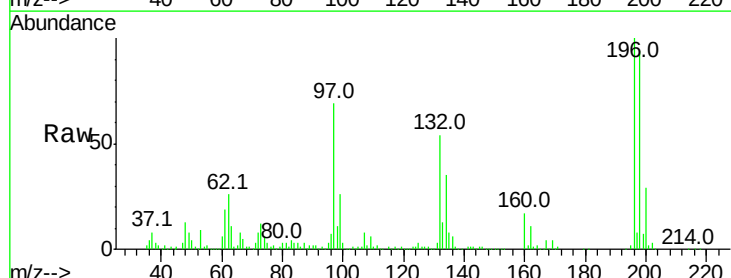
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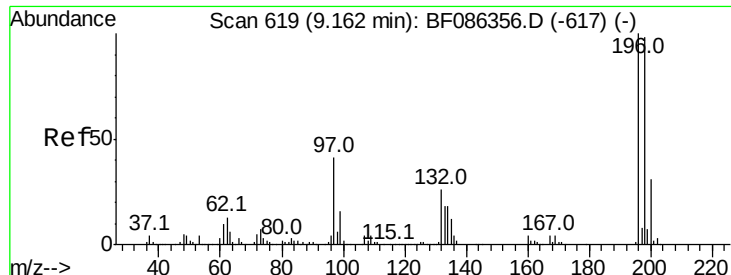
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#42
 2,4,6-Trichlorophenol
 Concen: 44.55 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270353		
198	94.2	74.7	112.1	
200	29.2	23.8	35.6	





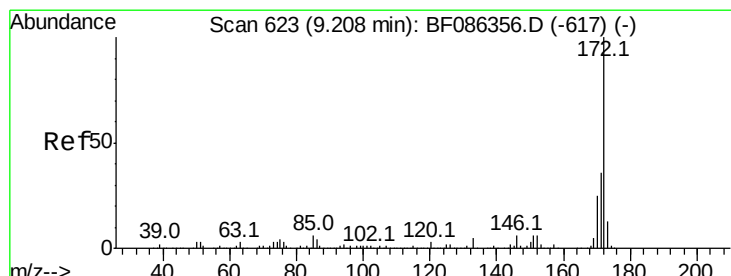
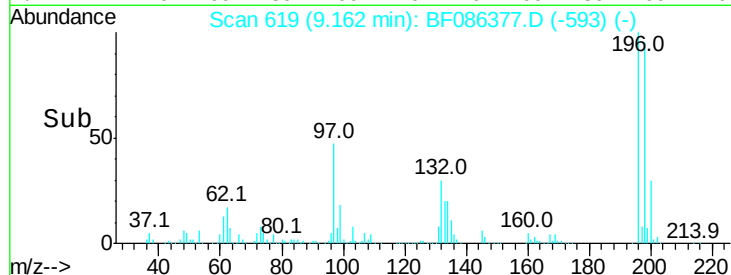
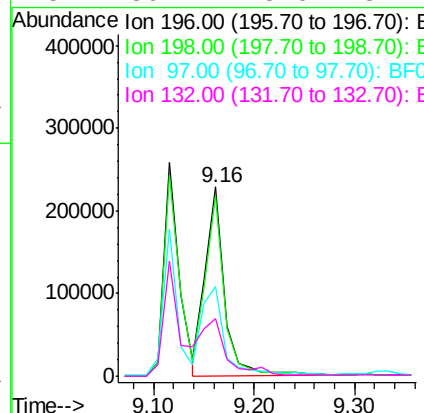
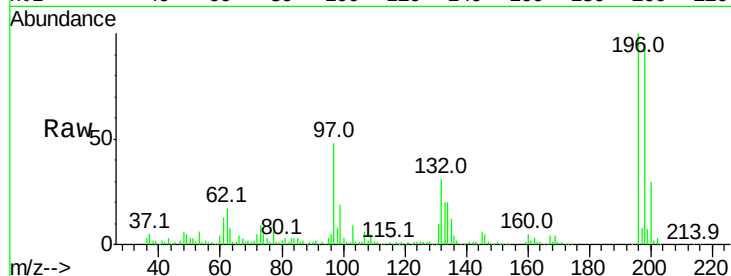
#43
 2,4,5-Trichlorophenol
 Concen: 40.85 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	305223		
198	95.3		77.5	116.3
97	47.6		34.8	52.2
132	30.7		23.0	34.4

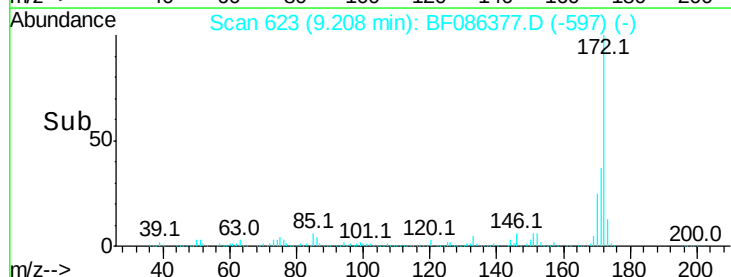
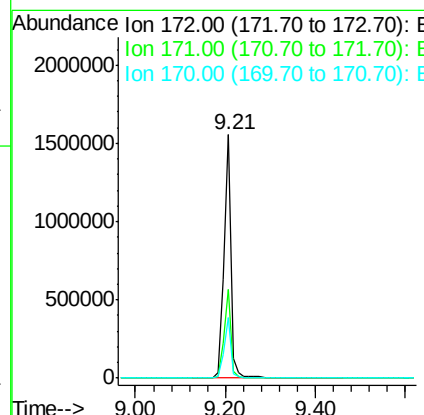
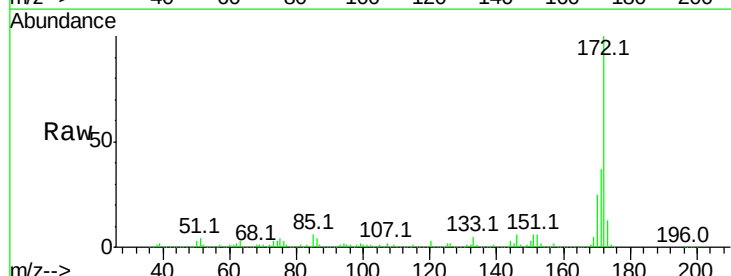
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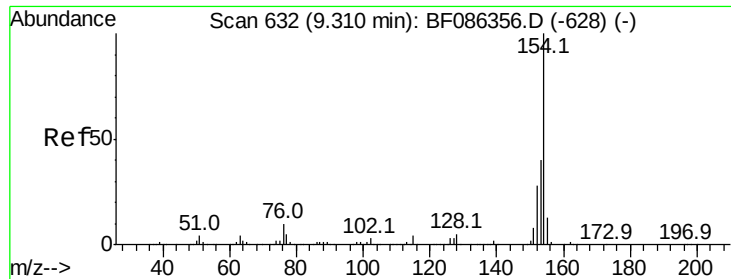
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#44
 2-Fluorobiphenyl
 Concen: 80.51 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1687935		
171	36.6		29.0	43.6
170	24.7		19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.75 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

ClientSampled :

MW-11MSD

Tot Ion:154 Resp: 1131050

Ion Ratio Lower Upper

154 100

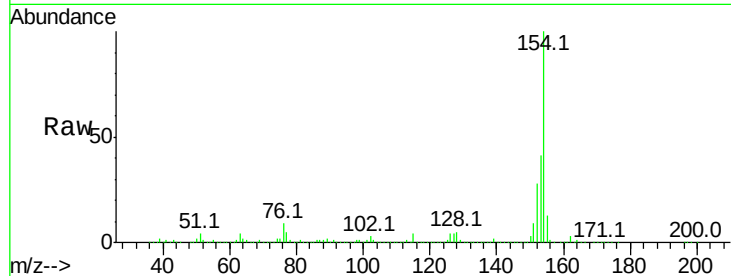
153 40.7 20.3 60.3

76 9.0 0.0 30.2

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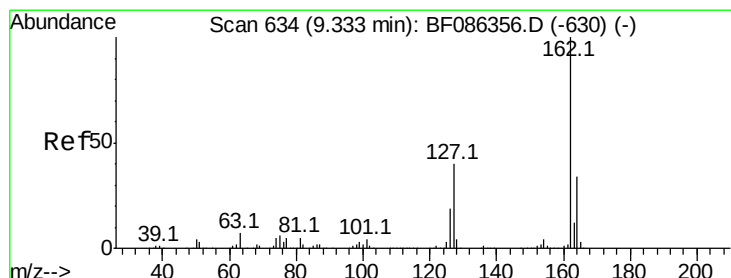
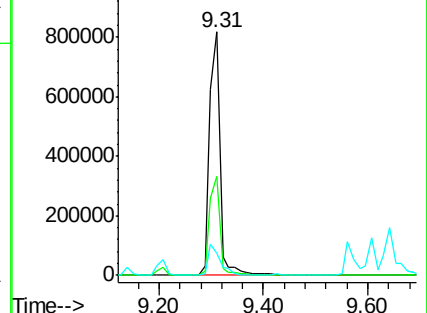
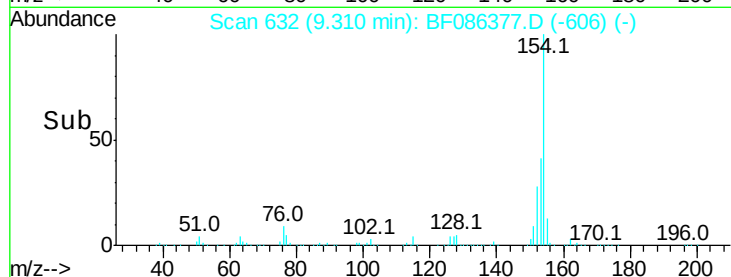
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.41 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

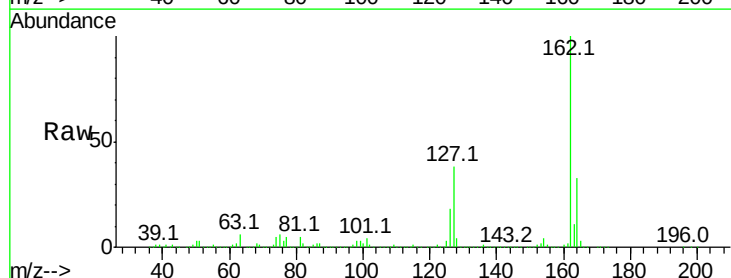
Tgt Ion:162 Resp: 909838

Ion Ratio Lower Upper

162 100

127 38.2 31.8 47.6

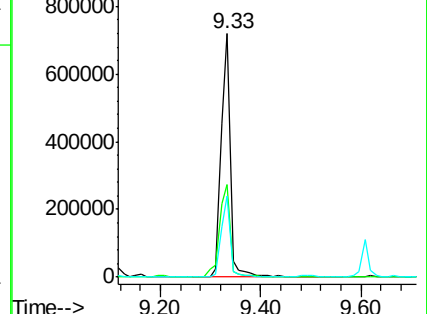
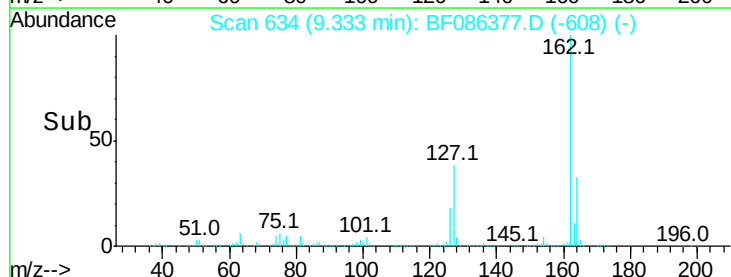
164 33.3 27.0 40.6

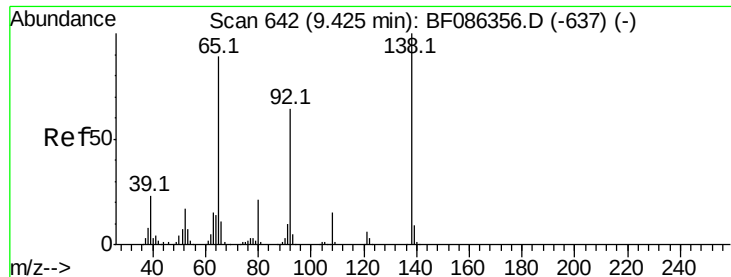


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.64 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

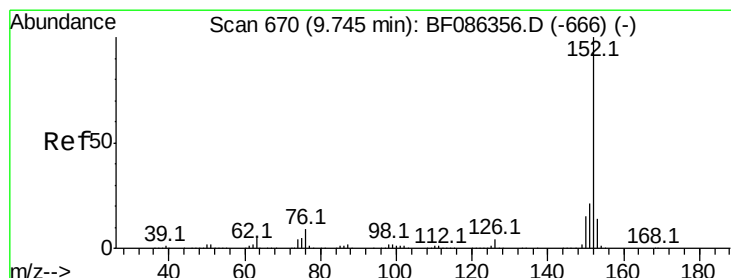
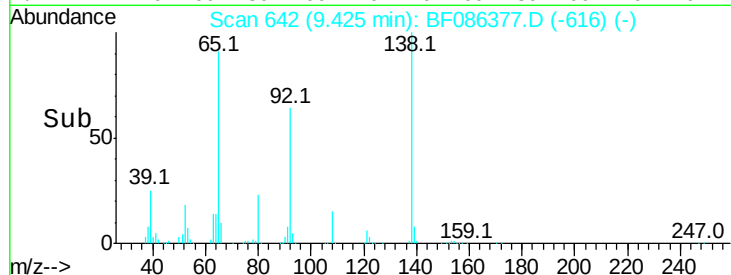
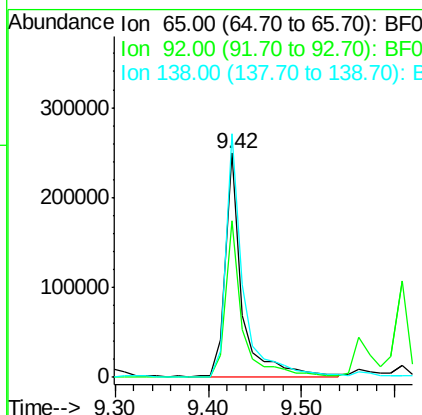
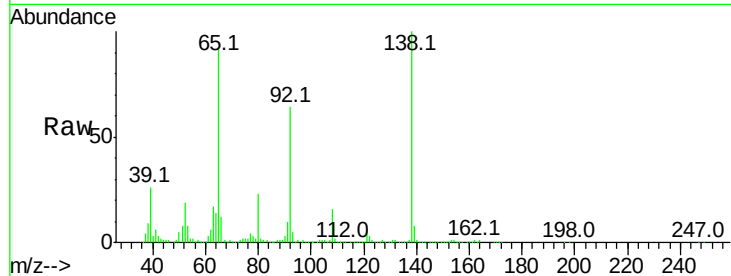
ClientSampleId :

MW-11MSD

Tot Ion:	65	Resp:	305363
Ion Ratio	Lower	Upper	
65	100		
92	70.0	57.4	86.2
138	108.7	90.1	135.1

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#48

Acenaphthylene

Concen: 41.58 ng

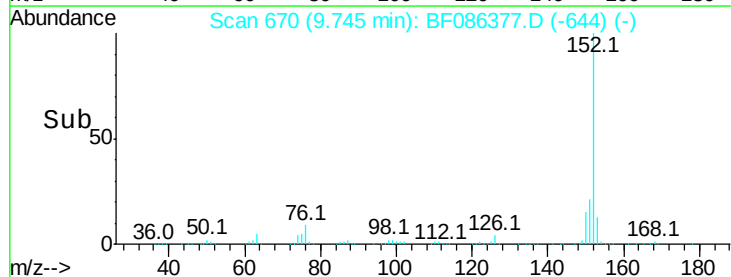
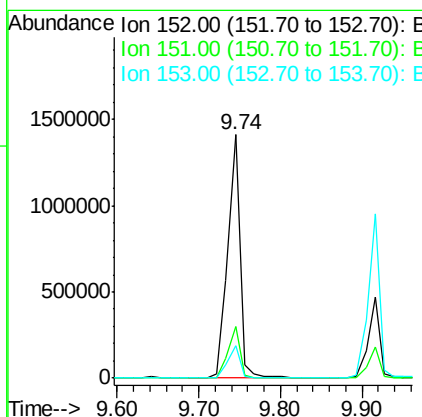
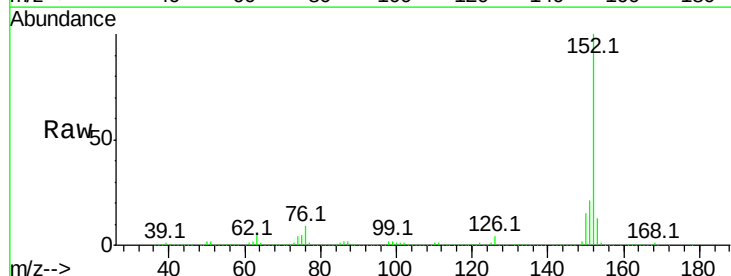
RT: 9.74 min Scan# 670

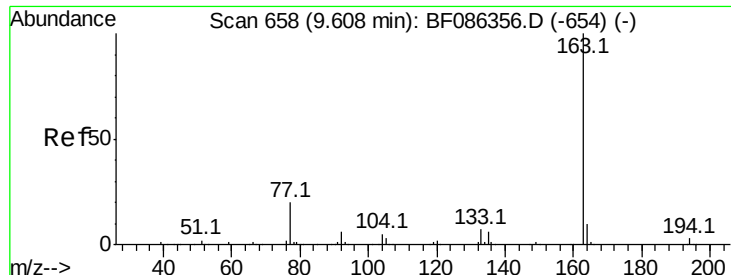
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	152	Resp:	1481012
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.5	10.9	16.3





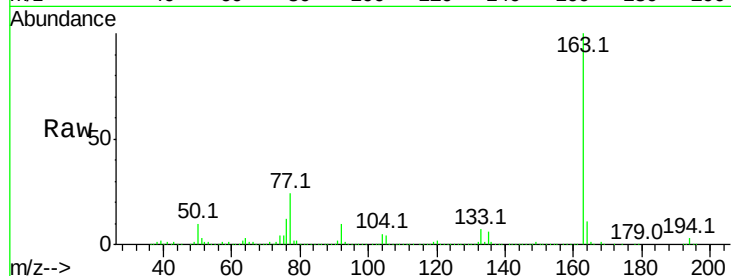
#49
Dimethylphthalate
Concen: 40.08 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampled :
MW-11MSD

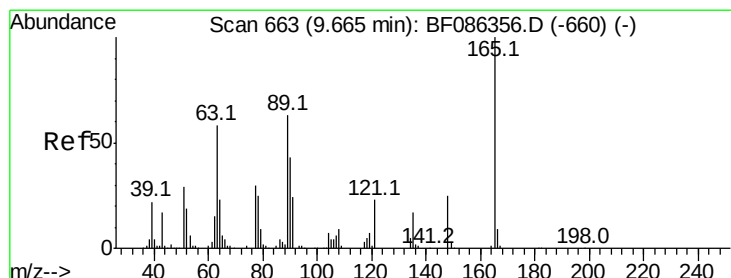
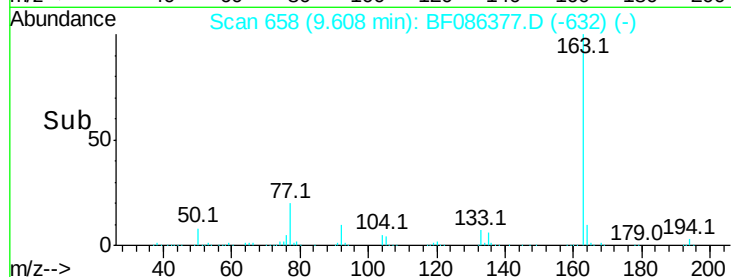
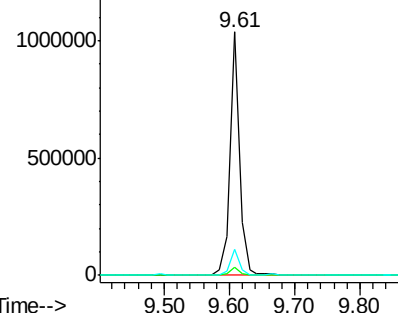
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.6	8.2	12.4

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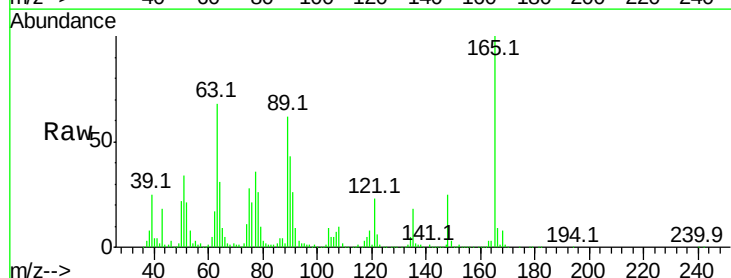


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

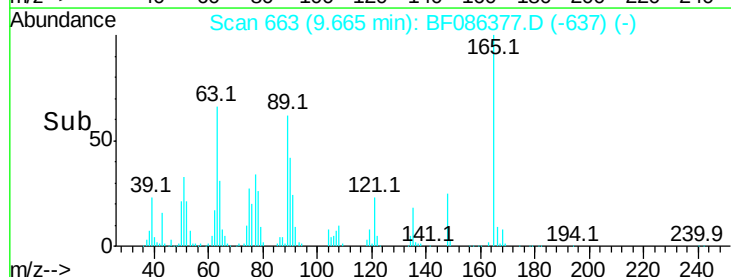
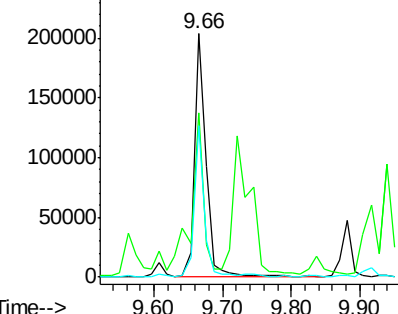


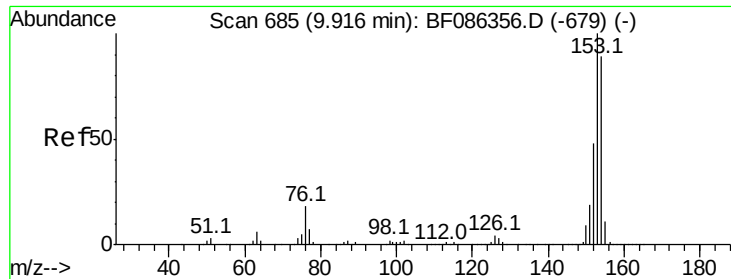
#50
2,6-Dinitrotoluene
Concen: 42.20 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.6	51.8	77.8
89	62.3	50.7	76.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.71 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

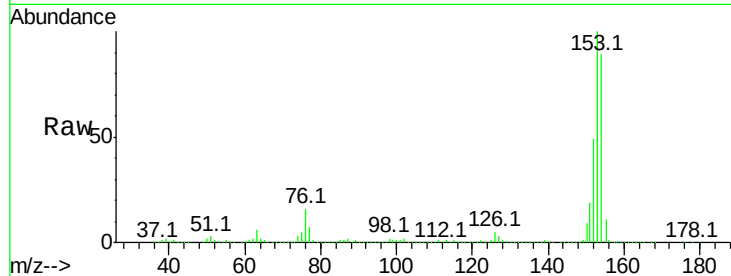
ClientSampleId :

MW-11MSD

Tot Ion:	154	Resp:	956449
Ion Ratio	Lower	Upper	
154	100		
153	111.9	89.8	134.6
152	55.3	43.4	65.0

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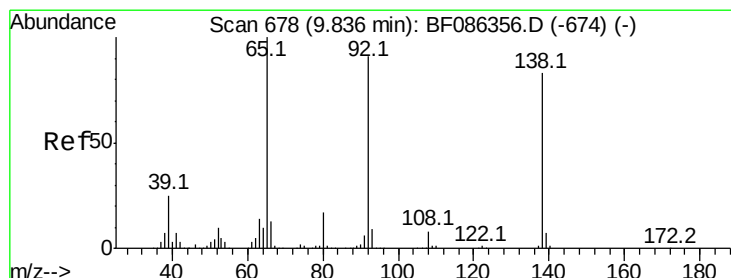
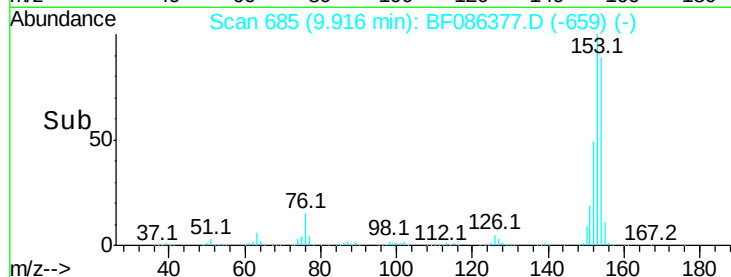
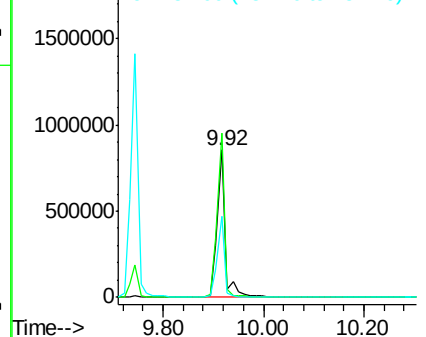
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.81 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086377.D

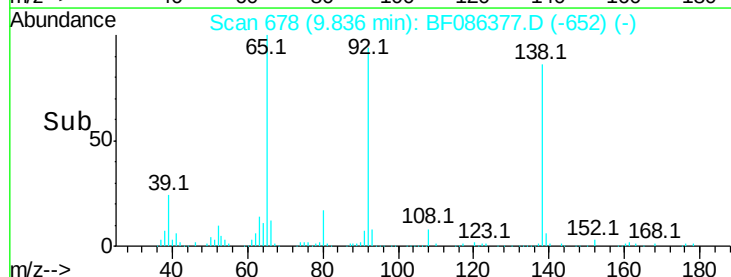
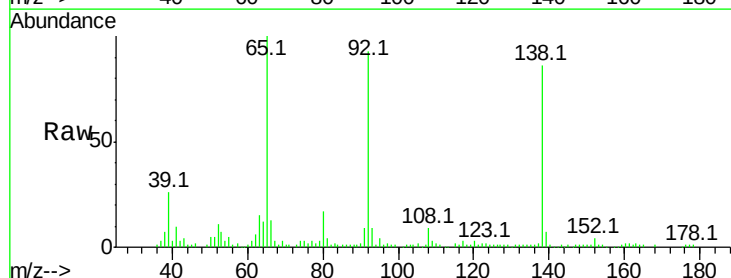
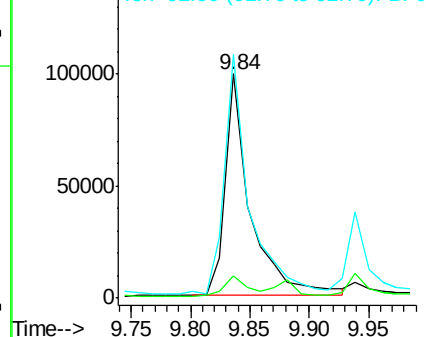
Acq: 23 Apr 2016 8:16

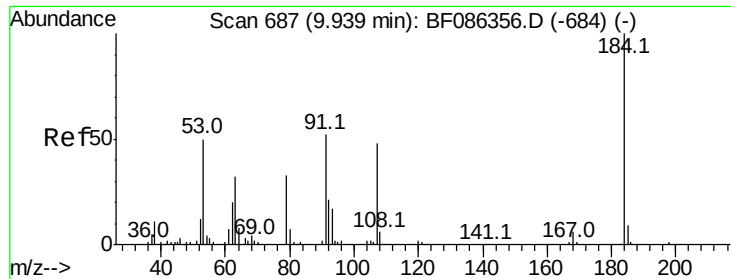
Tgt Ion:	138	Resp:	145428
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.8	11.6
92	108.6	87.8	131.8

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 58.78 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

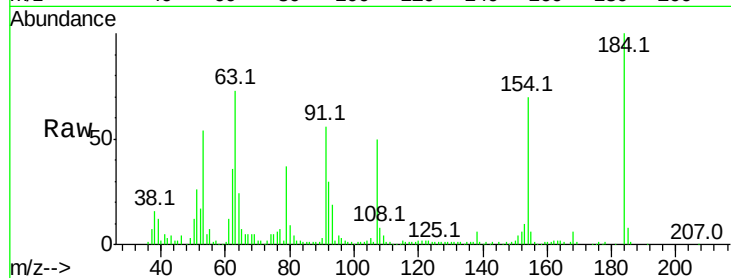
ClientSampleId :

MW-11MSD

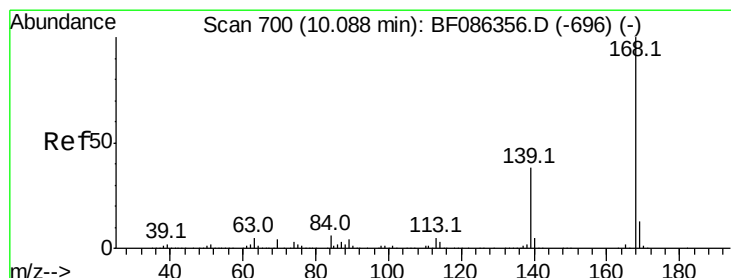
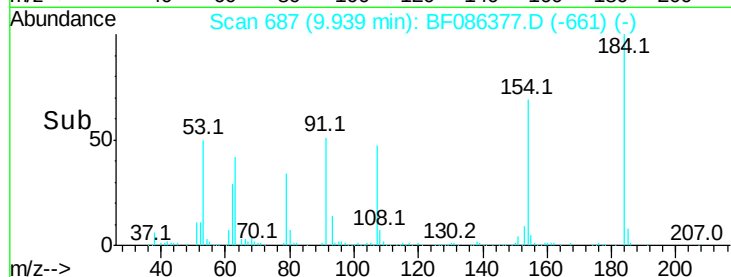
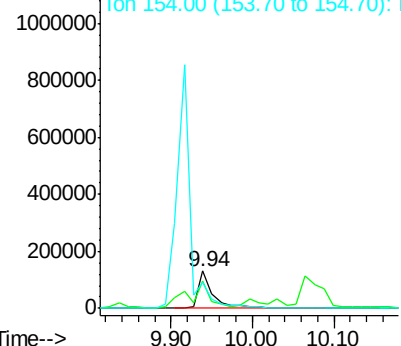
Tot Ion:	184	Resp:	170603
Ion Ratio	Lower	Upper	
184	100		
63	73.0	55.8	83.8
154	70.2	62.4	93.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.15 ng

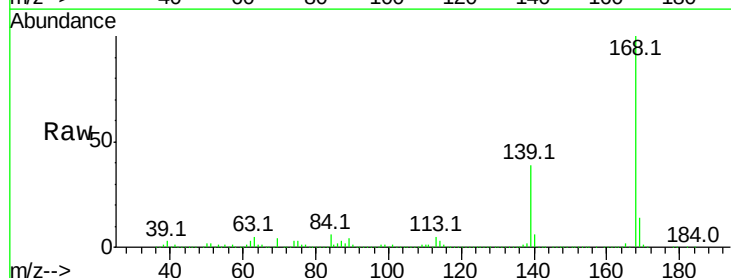
RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

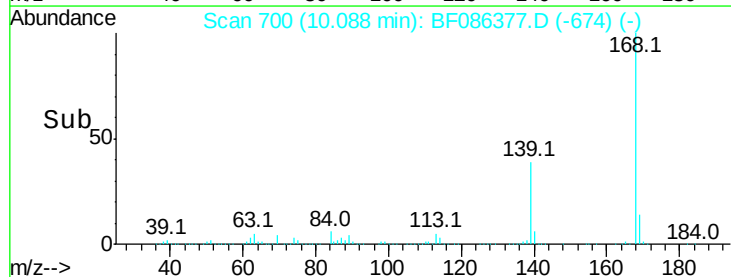
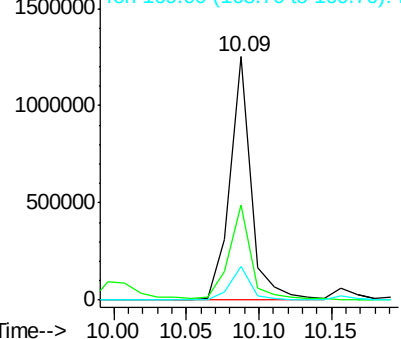
Lab File: BF086377.D

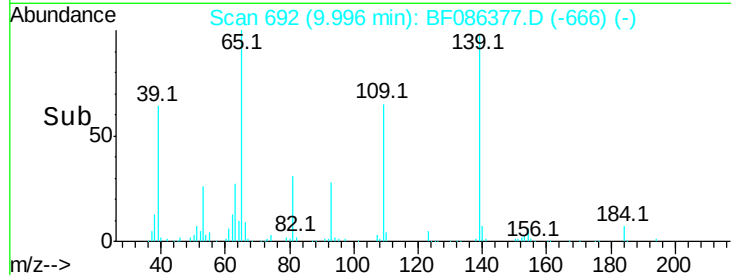
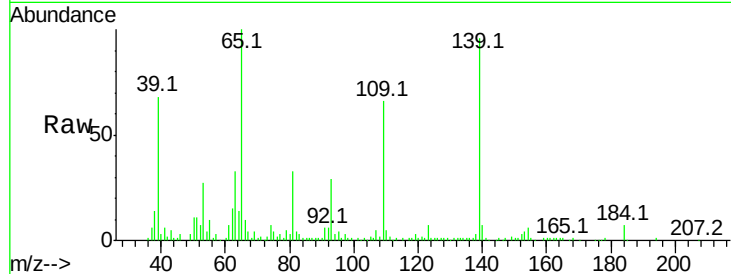
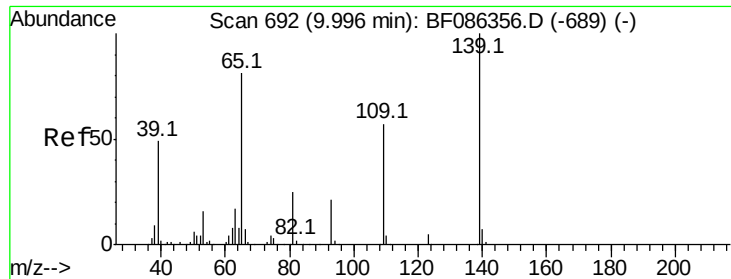
Acq: 23 Apr 2016 8:16

Tgt Ion:	168	Resp:	1268857
Ion Ratio	Lower	Upper	
168	100		
139	39.0	31.4	47.0
169	13.9	10.7	16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





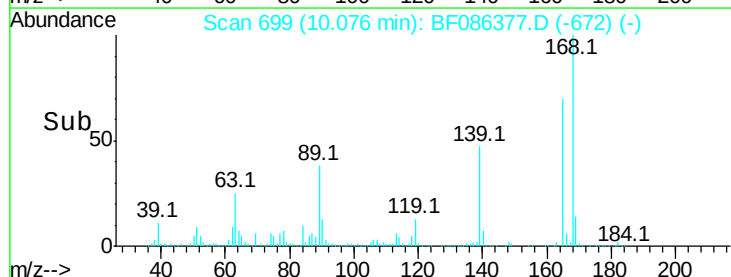
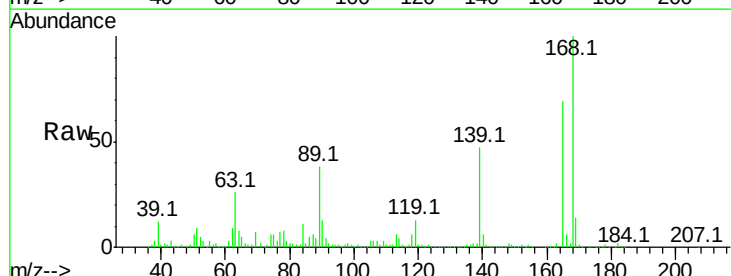
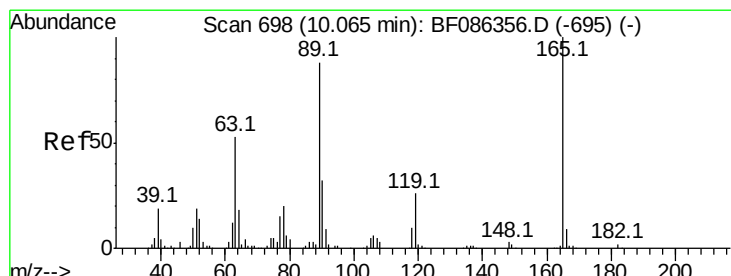
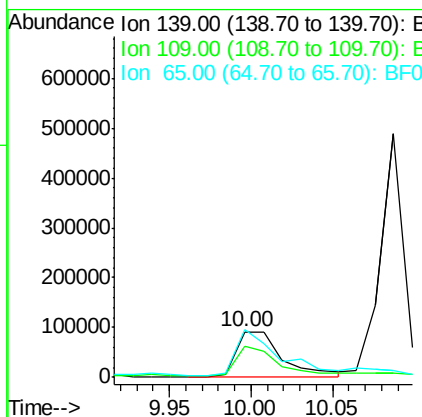
#55
4-Nitrophenol
Concen: 35.93 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tot Ion	Ratio	Resp	Lower	Upper
139	100	175706		
109	68.3	36.9	76.9	
65	104.0	64.0	104.0	

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

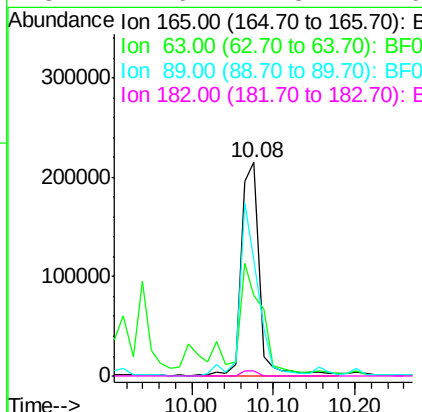
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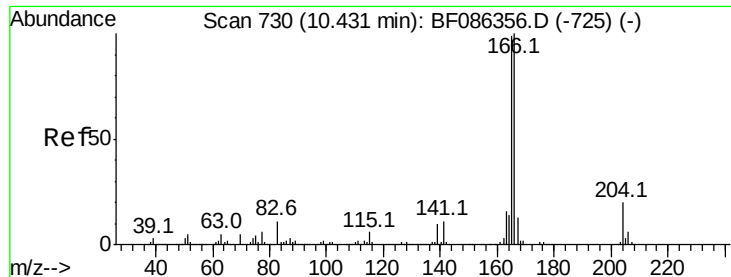
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#56
2,4-Dinitrotoluene
Concen: 43.82 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	324843		
63	37.8	44.3	66.5#	
89	54.5	70.0	105.0#	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 41.89 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

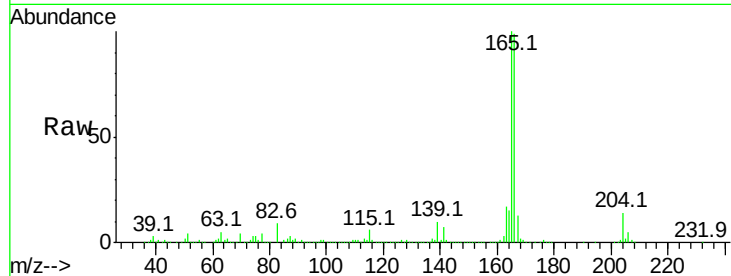
ClientSampleId :

MW-11MSD

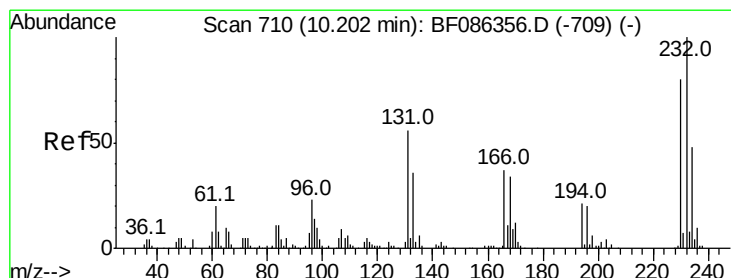
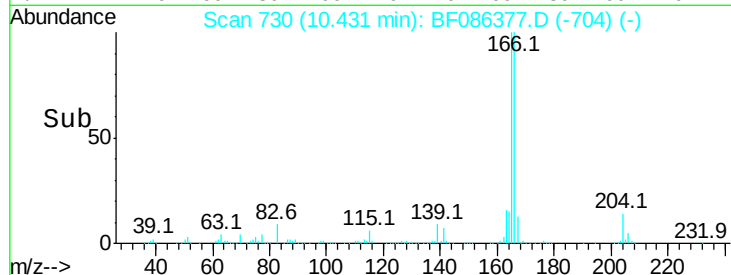
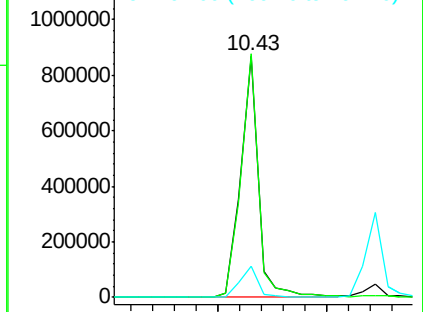
Tot Ion:	166	Resp:	964627
Ion Ratio	Lower	Upper	
166	100		
165	100.8	79.0	118.6
167	13.1	10.6	15.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.45 ng

RT: 10.20 min Scan# 710

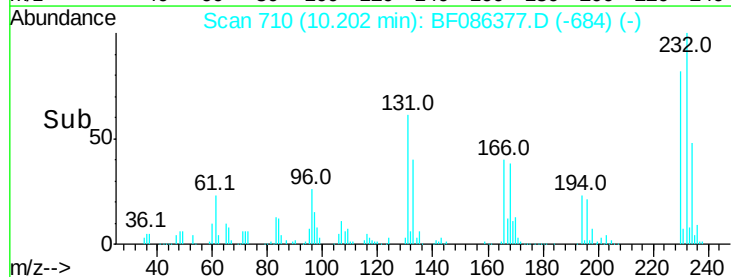
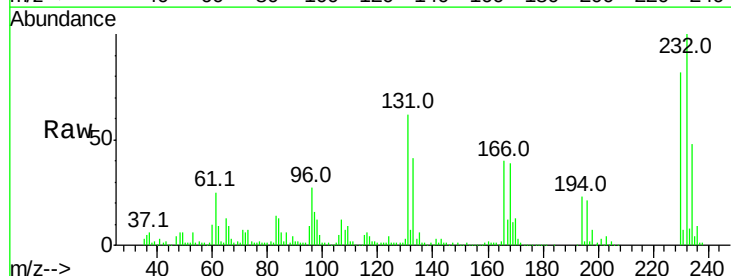
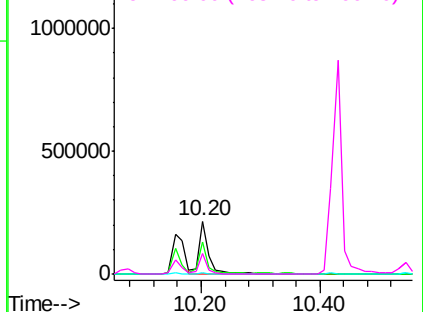
Delta R.T. 0.00 min

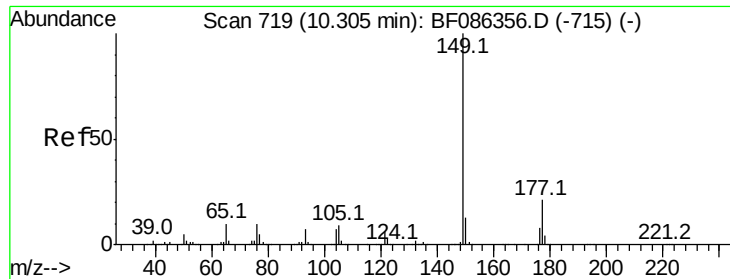
Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	232	Resp:	248233
Ion Ratio	Lower	Upper	
232	100		
131	51.2	41.9	62.9
130	2.9	2.2	3.4
166	33.1	26.8	40.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





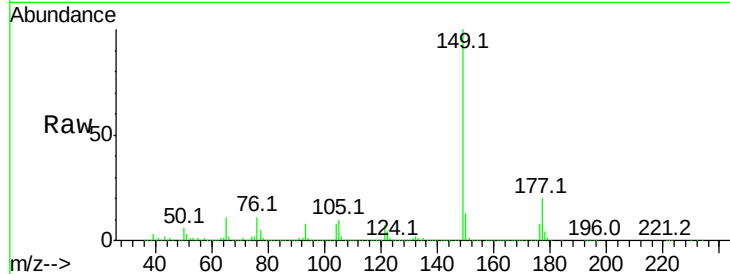
#59
Diethylphthalate
Concen: 40.67 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampled :
MW-11MSD

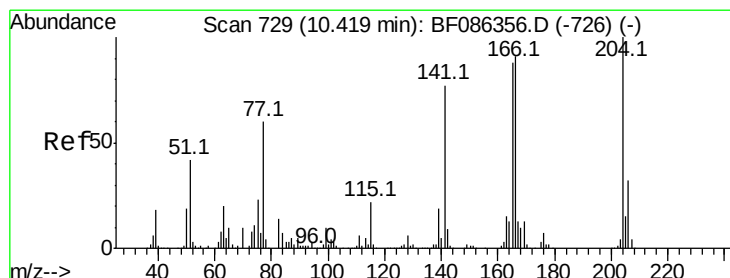
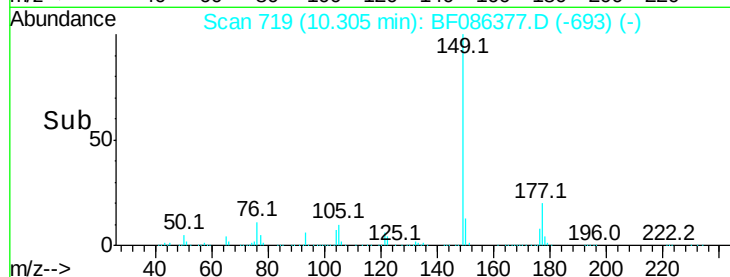
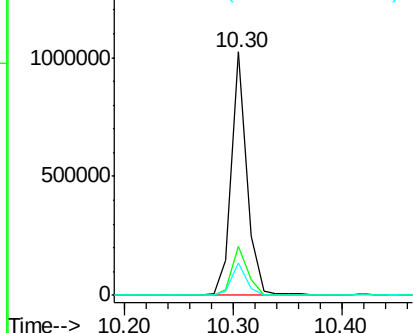
Tot Ion:149 Resp: 1006630
Ion Ratio Lower Upper
149 100
177 20.3 16.6 24.8
150 13.2 10.0 15.0

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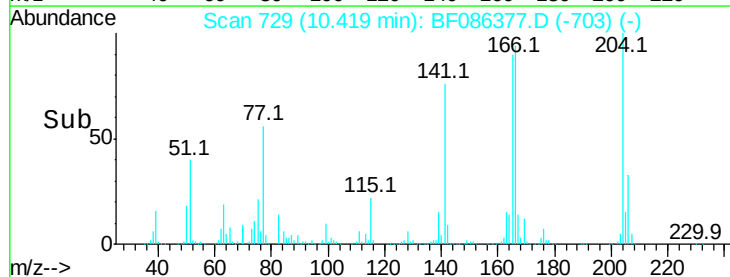
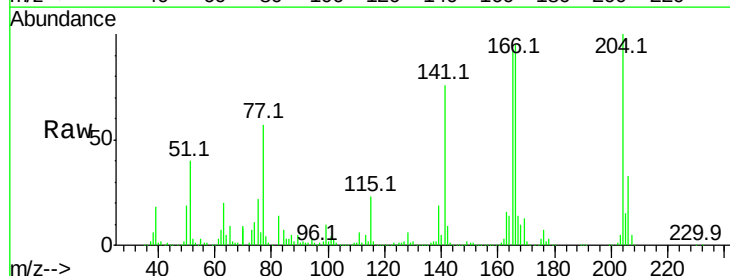
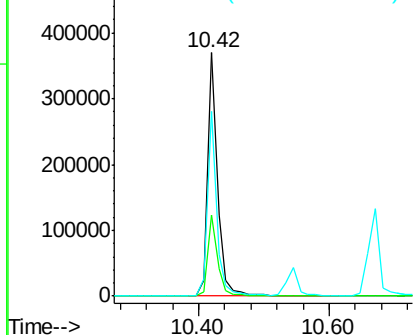
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

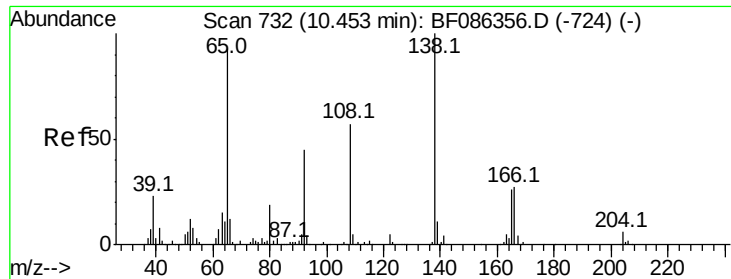


#60
4-Chlorophenyl-phenylether
Concen: 38.93 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion:204 Resp: 392010
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.0
141 75.8 61.6 92.4

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





#61

4-Nitroaniline

Concen: 39.30 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

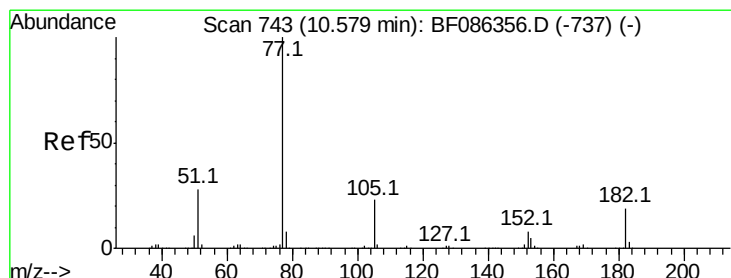
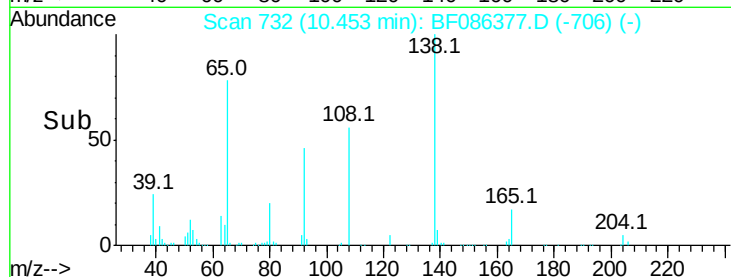
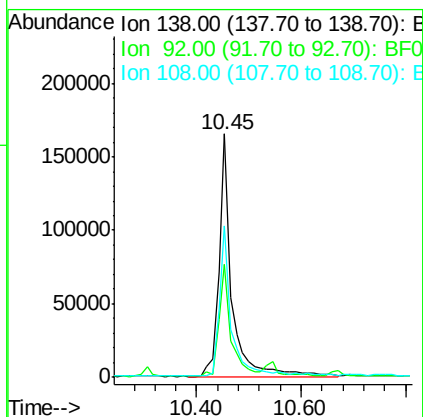
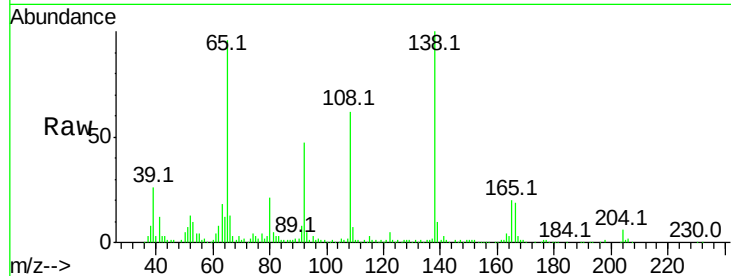
ClientSampleId :

MW-11MSD

Tot Ion:138	Resp:	281157
Ion Ratio	Lower	Upper
138 100		
92 46.6	24.7	64.7
108 62.4	37.4	77.4

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4/25/2016 12:35:49 PM



#62

Azobenzene

Concen: 42.32 ng

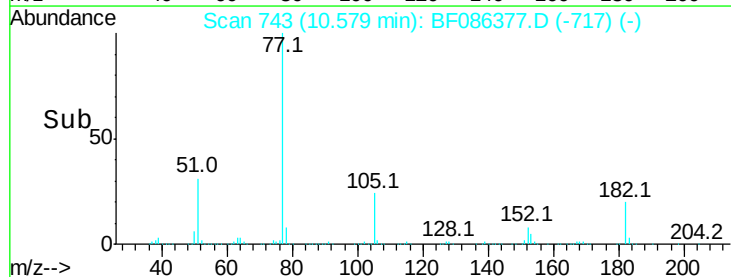
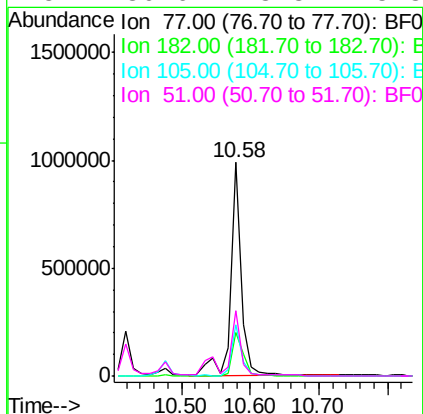
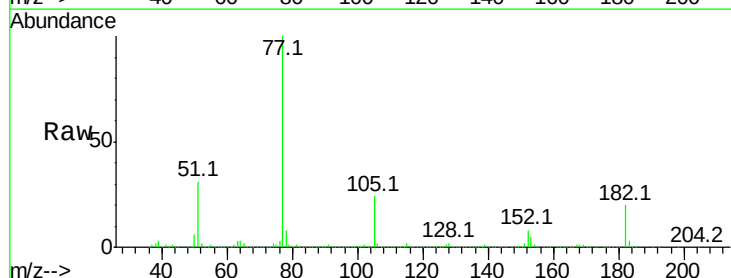
RT: 10.58 min Scan# 743

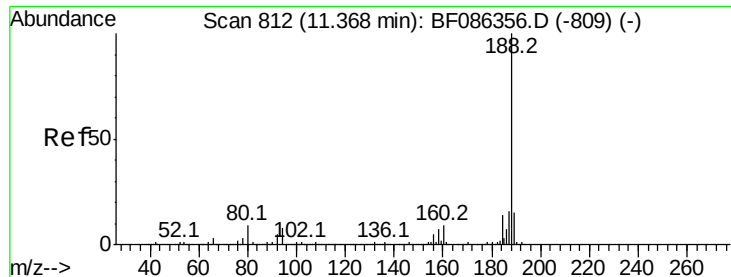
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion: 77	Resp:	1086190
Ion Ratio	Lower	Upper
77 100		
182 20.2	0.0	38.8
105 23.8	3.2	43.2
51 30.6	8.8	48.8





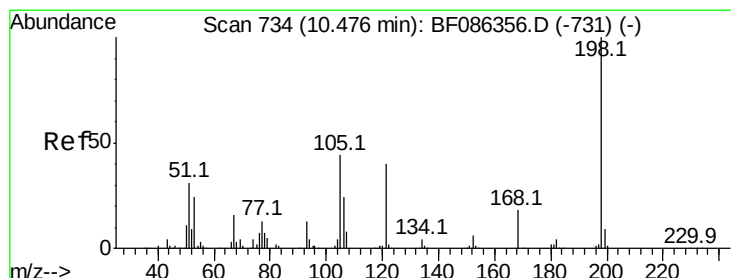
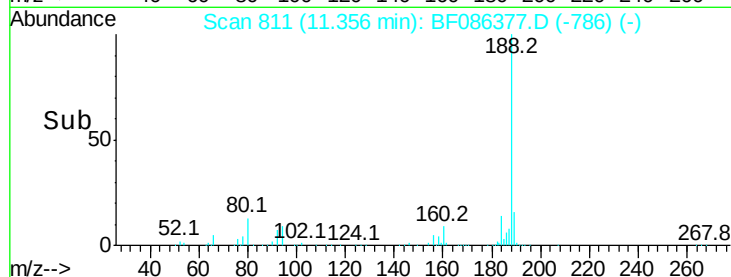
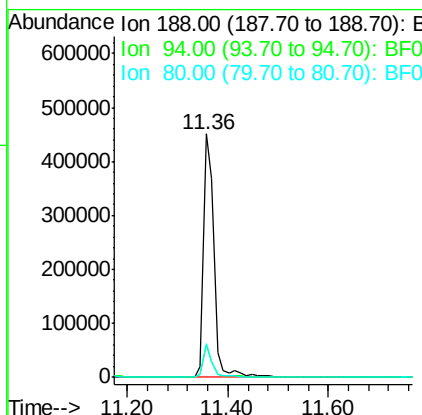
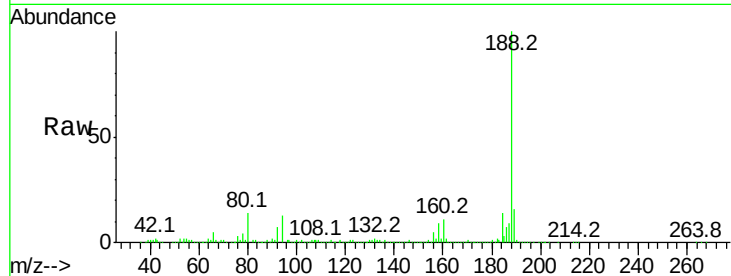
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	657204		
94	13.5	6.8	10.2#	
80	13.9	7.1	10.7#	

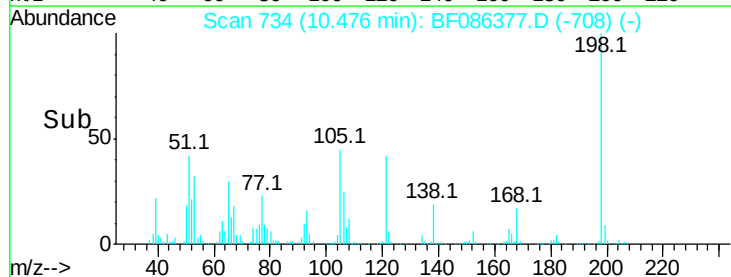
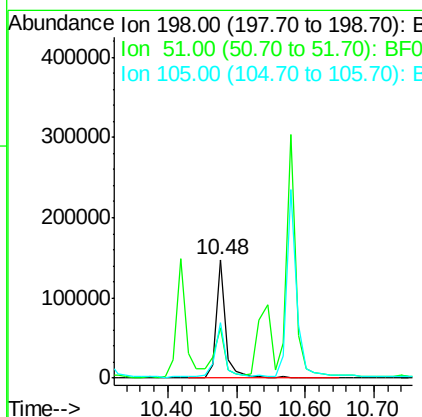
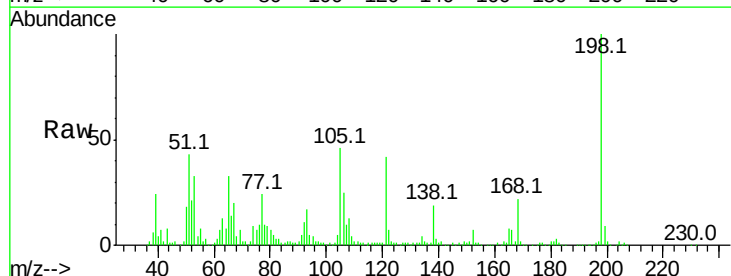
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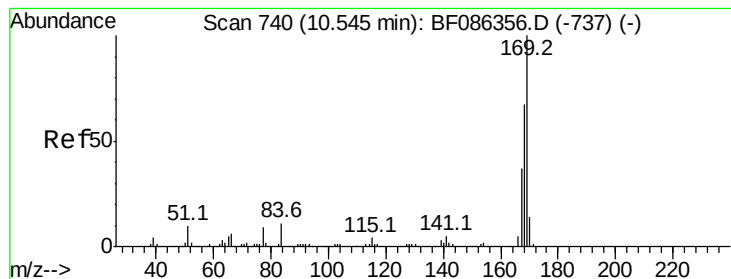
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.91 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	148229		
51	42.6	20.5	60.5	
105	46.3	24.5	64.5	





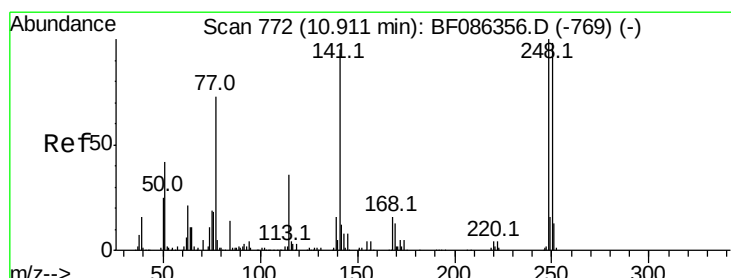
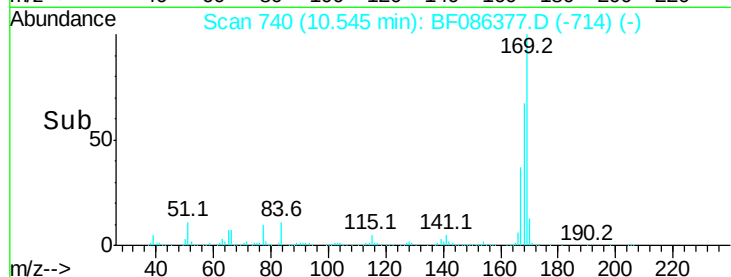
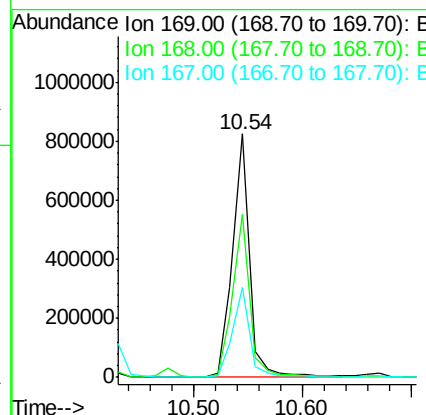
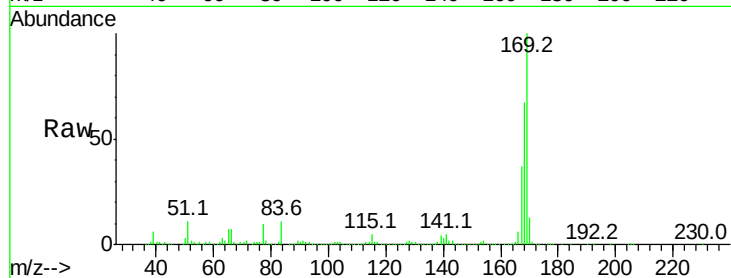
#65
n-Nitrosodiphenylamine
Concen: 44.04 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	892536		
168	67.2		53.8	80.6
167	37.1		29.5	44.3

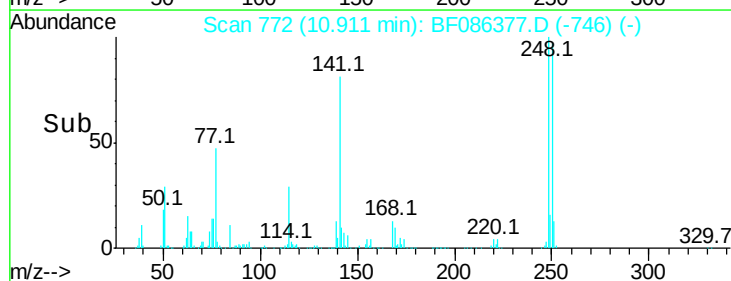
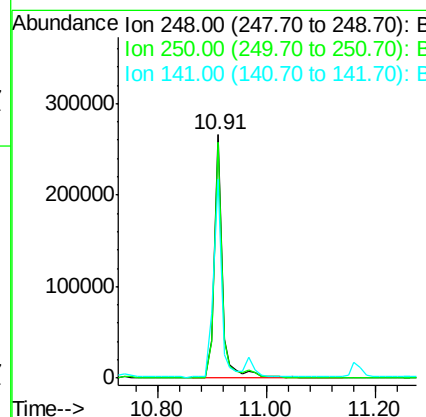
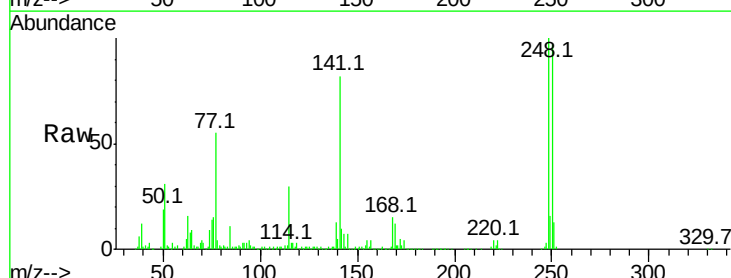
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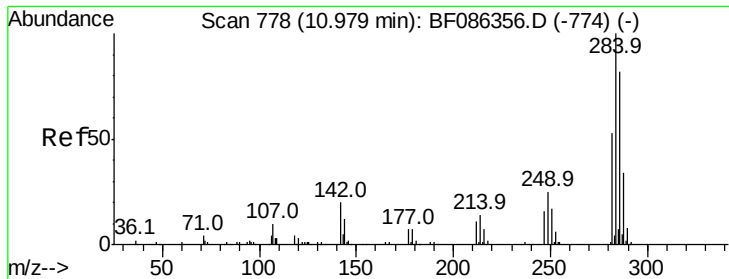
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4/25/2016 12:35:49 PM



#66
4-Bromophenyl-phenylether
Concen: 43.19 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	277957		
250	97.1		78.6	117.8
141	81.8		76.0	114.0





#67

Hexachlorobenzene

Concen: 40.82 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

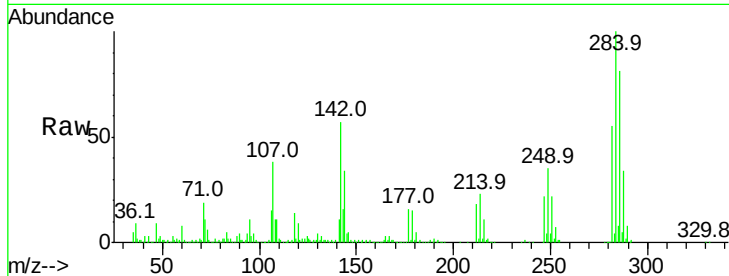
ClientSampled :

MW-11MSD

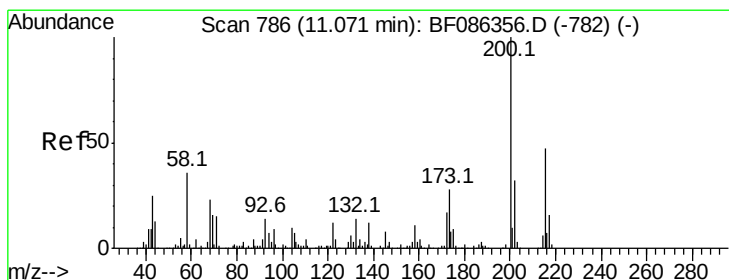
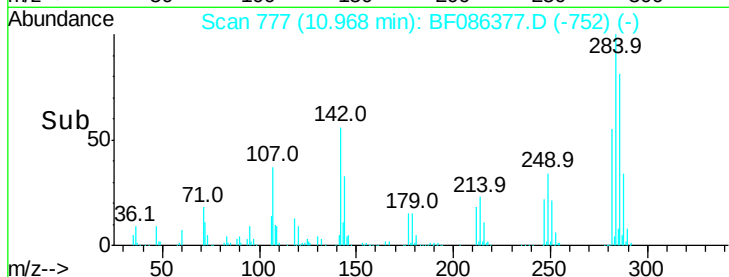
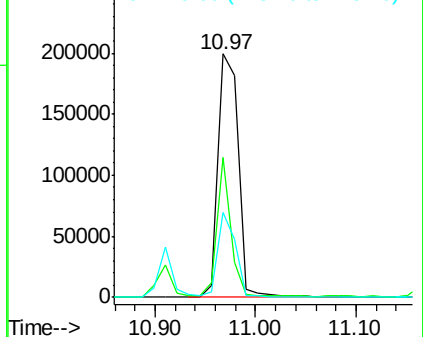
Tot Ion:	284	Resp:	280264
Ion Ratio		Lower	Upper
284	100		
142	57.5	16.7	25.1#
249	34.9	21.3	31.9#

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.01 ng

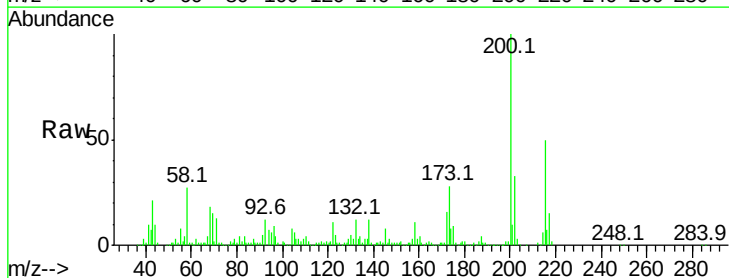
RT: 11.08 min Scan# 787

Delta R.T. 0.01 min

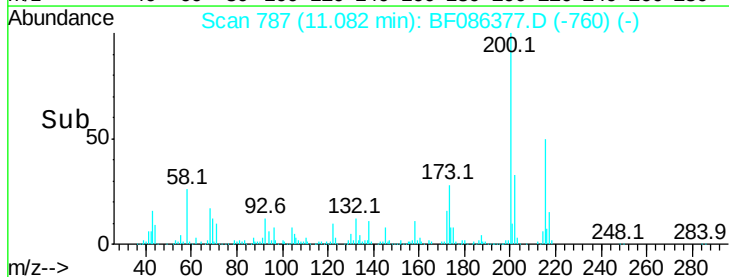
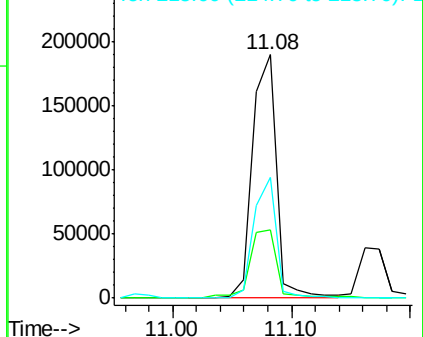
Lab File: BF086377.D

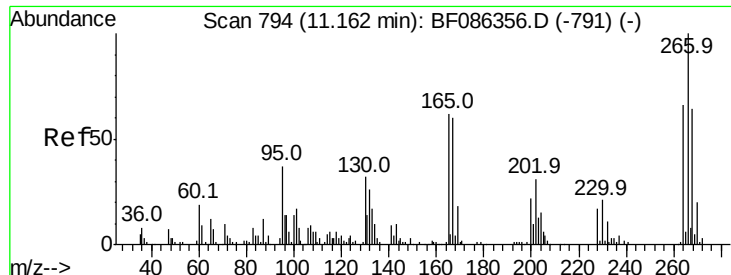
Acq: 23 Apr 2016 8:16

Tgt Ion:	200	Resp:	269136
Ion Ratio		Lower	Upper
200	100		
173	27.8	8.5	48.5
215	49.5	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





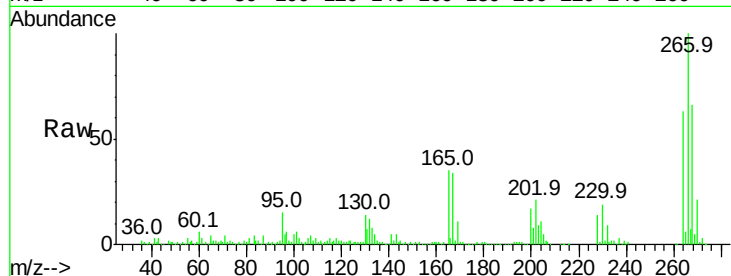
#69
 Pentachlorophenol
 Concen: 81.05 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MSD

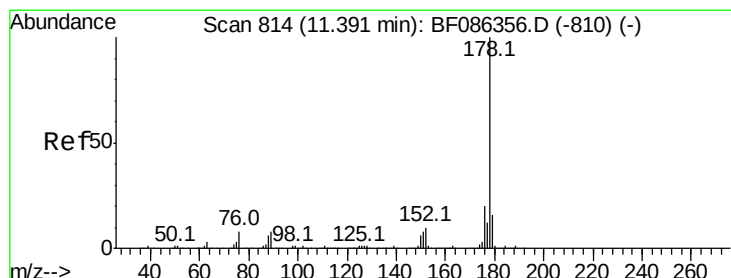
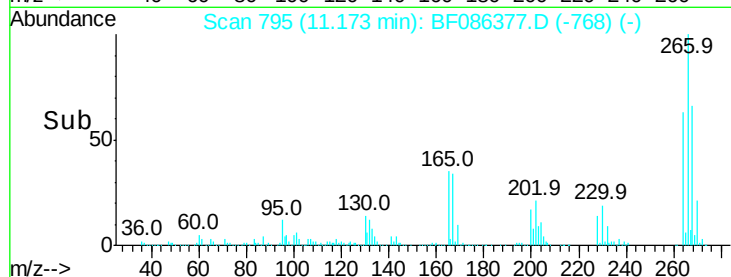
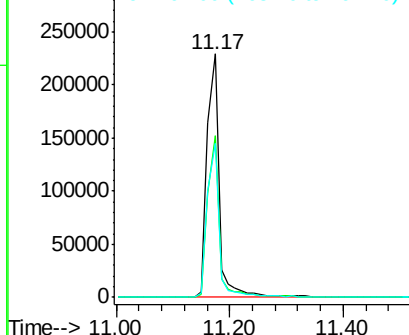
Tot Ion	Ratio	Resp	Lower	Upper
266	100	326800		
268	66.2	51.5	77.3	
264	63.5	52.9	79.3	

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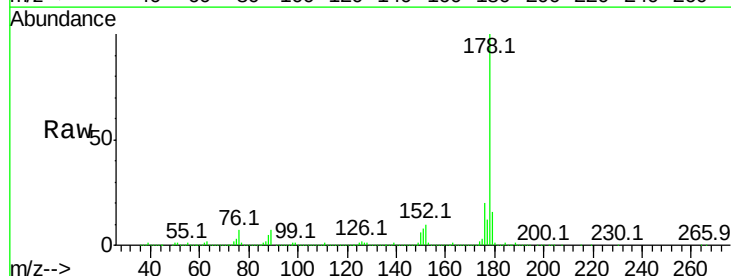


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

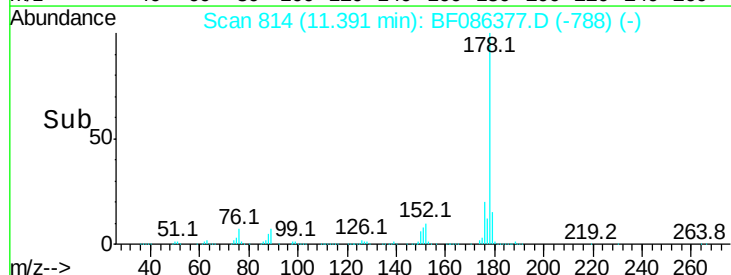
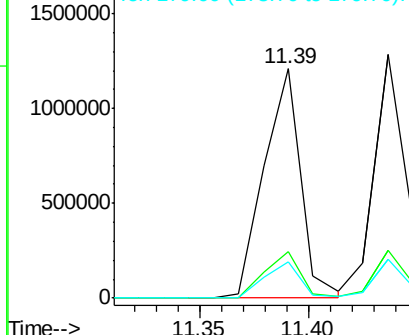


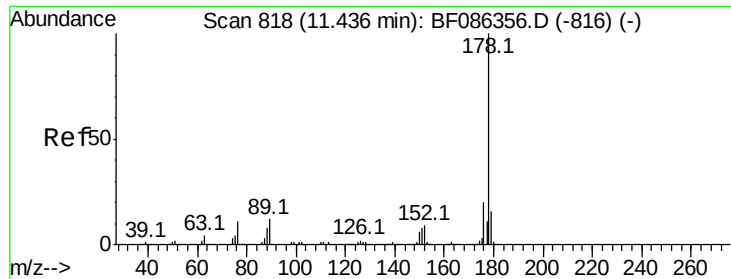
#70
 Phenanthrene
 Concen: 43.05 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1421581		
176	20.2	16.0	24.0	
179	15.6	12.6	18.8	



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





#71

Anthracene

Concen: 39.18 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

ClientSampleId :

MW-11MSD

Tot Ion:178 Resp: 1482397

Ion Ratio Lower Upper

178 100

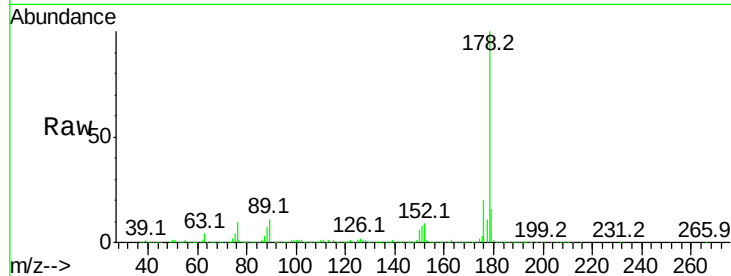
176 19.7 15.6 23.4

179 15.9 12.7 19.1

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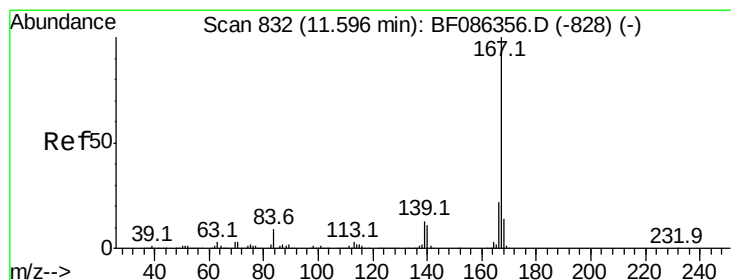
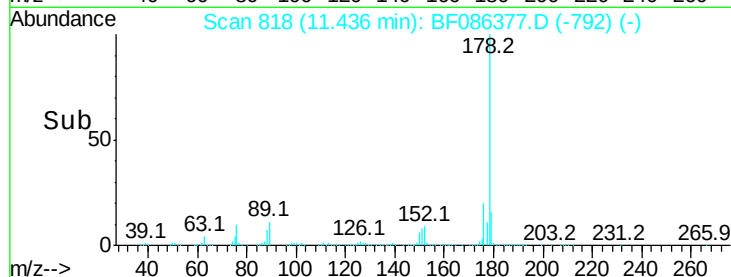
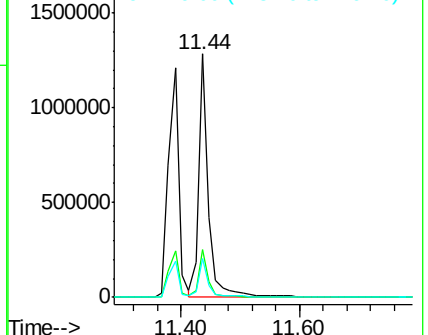
4/25/2016 12:35:49 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.22 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

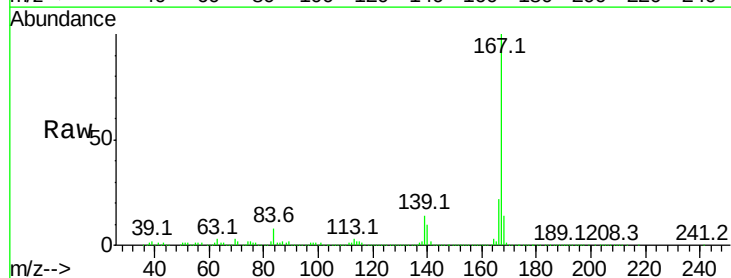
Tgt Ion:167 Resp: 1500478

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

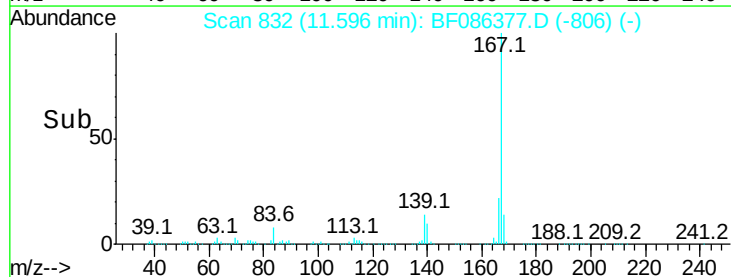
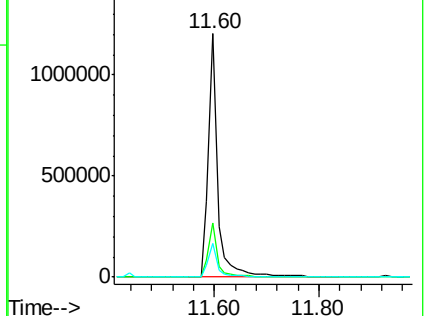
139 14.0 10.8 16.2

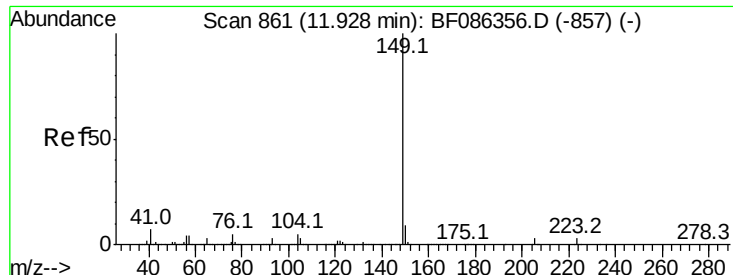


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.44 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

ClientSampleId :

MW-11MSD

Tot Ion:149 Resp: 1549162

Ion Ratio Lower Upper

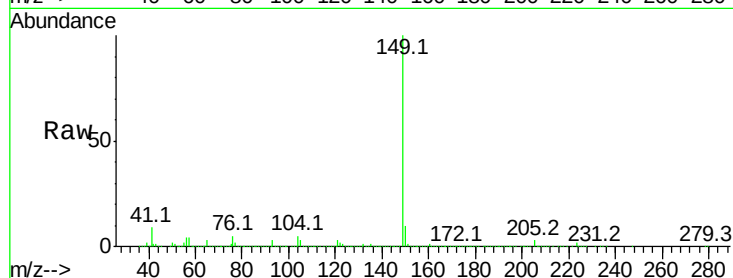
149 100

150 9.7 7.6 11.4

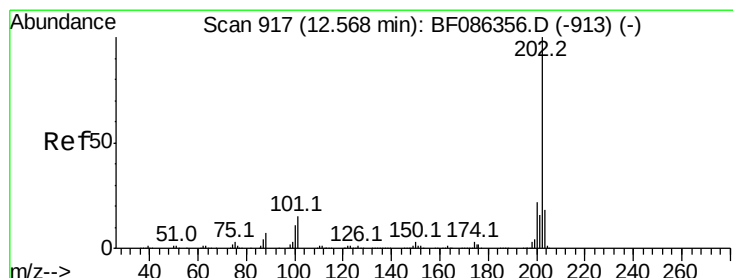
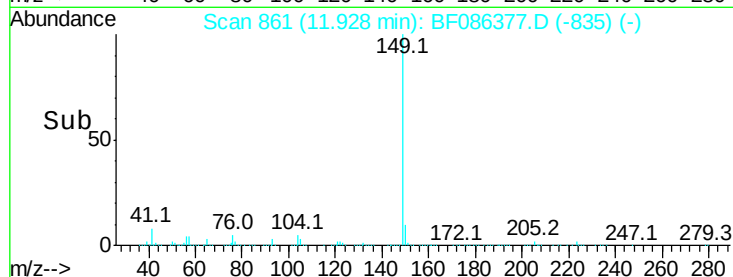
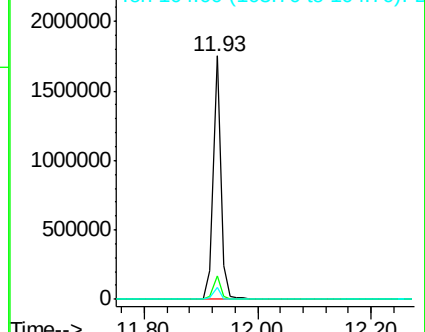
104 5.1 3.8 5.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.47 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

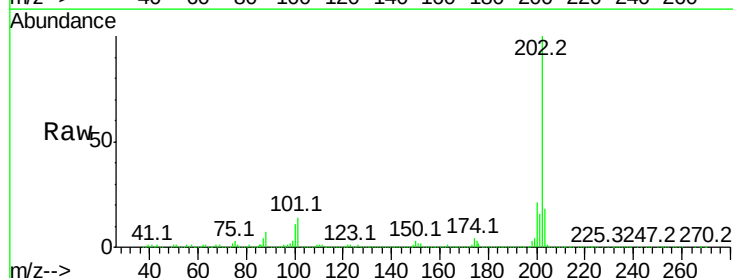
Tgt Ion:202 Resp: 1334529

Ion Ratio Lower Upper

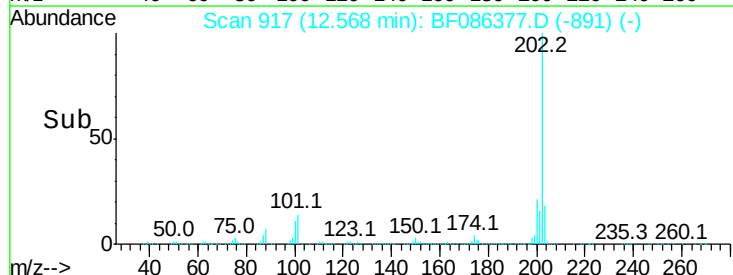
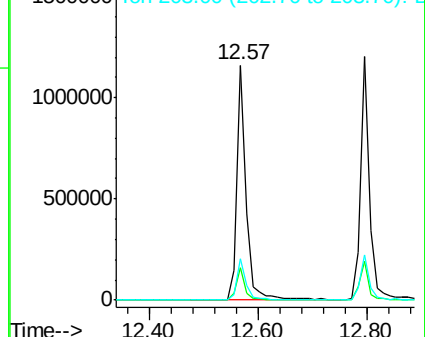
202 100

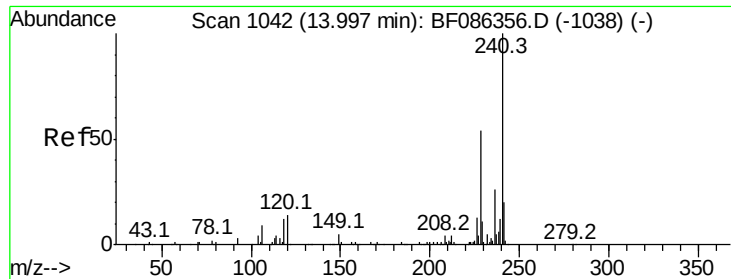
101 14.0 0.0 35.4

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

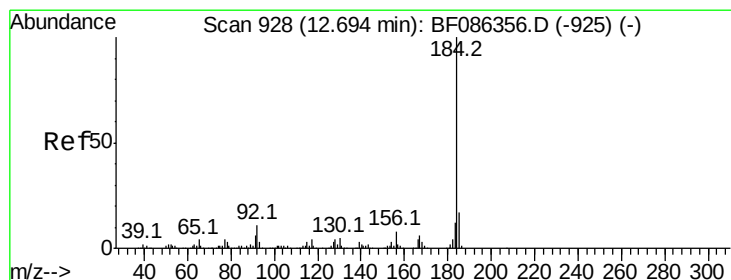
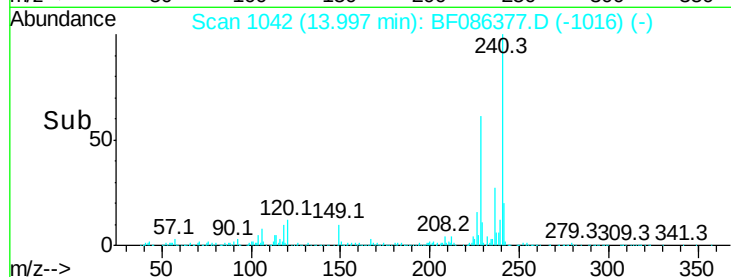
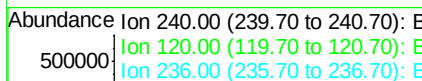
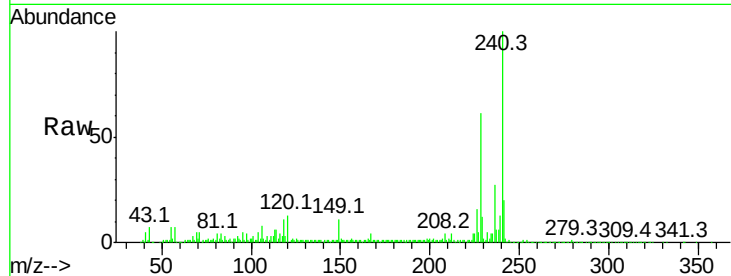
ClientSampled :

MW-11MSD

Tot Ion:	240	Resp:	395059
Ion Ratio	Lower	Upper	
240	100		
120	12.8	11.2	16.8
236	26.9	21.2	31.8

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4/25/2016 12:35:49 PM



#76

Benzidine

Concen: 5.24 ng

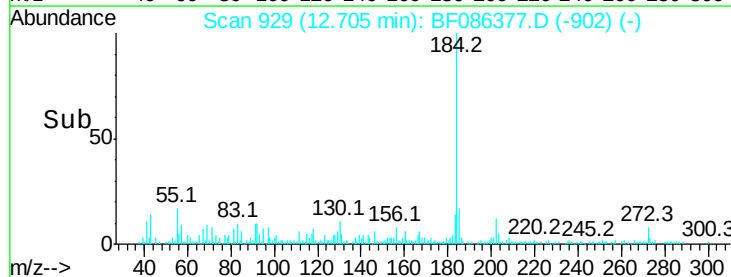
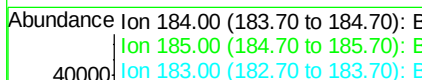
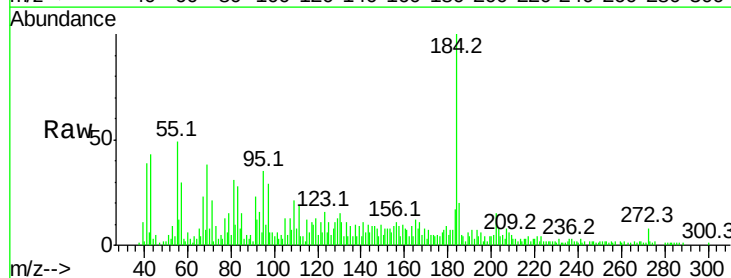
RT: 12.71 min Scan# 929

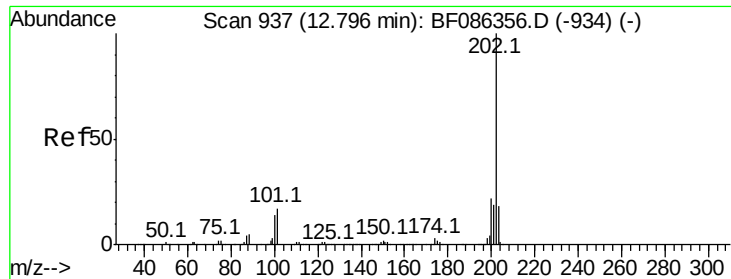
Delta R.T. 0.01 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion:	184	Resp:	84873
Ion Ratio	Lower	Upper	
184	100		
185	20.2	13.6	20.4
183	17.1	9.8	14.6#





#77

Pvrene

Concen: 48.23 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

ClientSampleId :

MW-11MSD

Tot Ion:202 Resp: 1328800

Ion Ratio Lower Upper

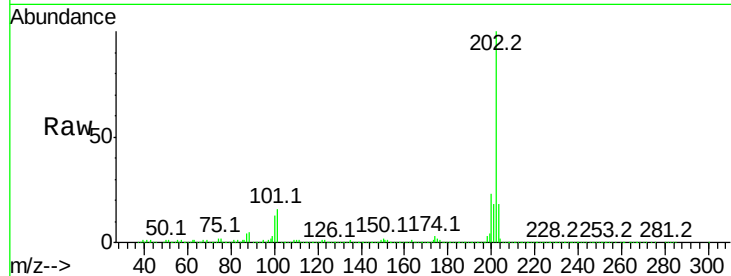
202 100

200 22.5 17.7 26.5

203 18.5 14.2 21.4

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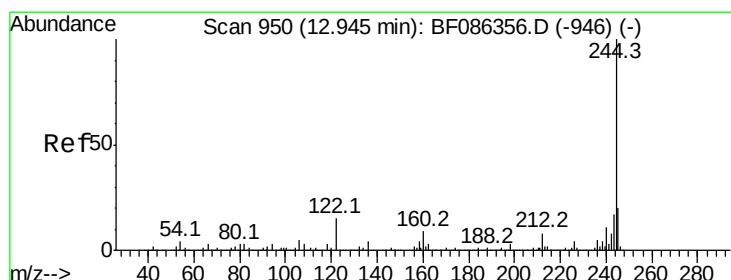
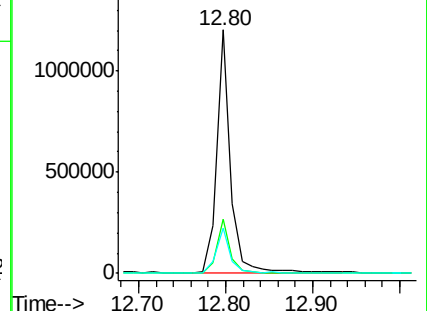
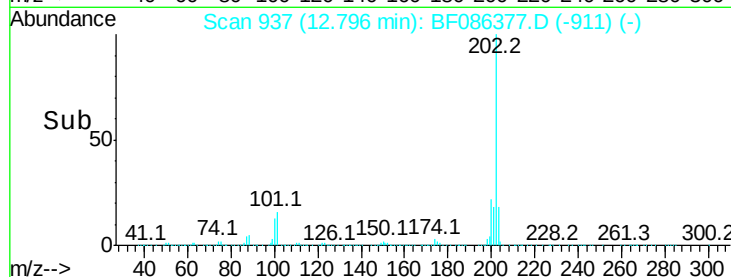
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.96 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

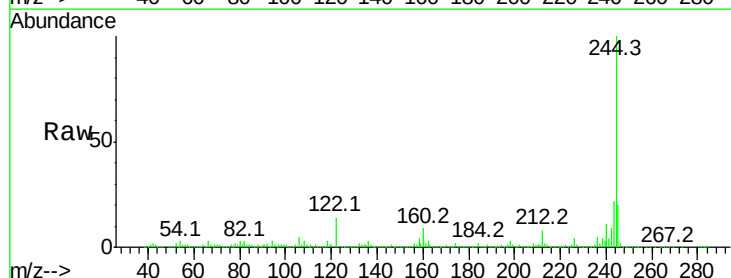
Tgt Ion:244 Resp: 1366791

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

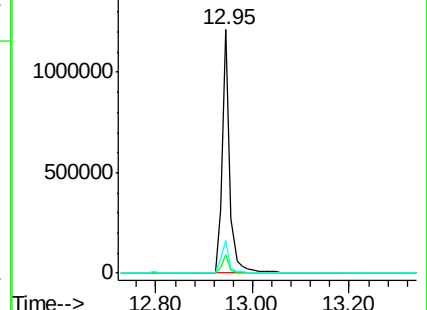
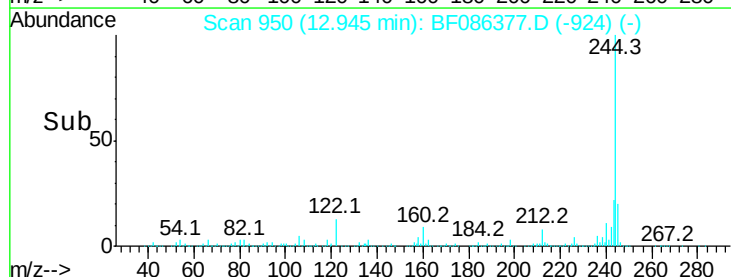
122 13.5 12.0 18.0

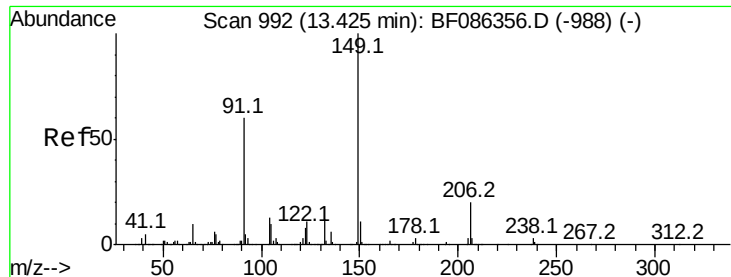


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





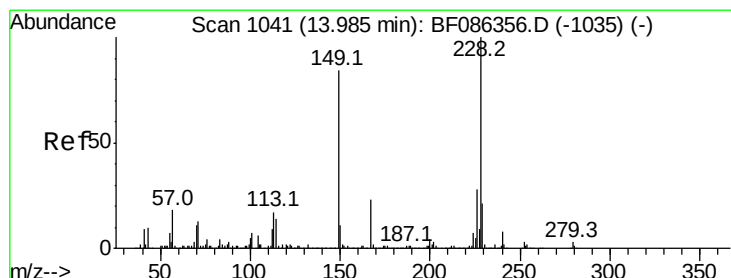
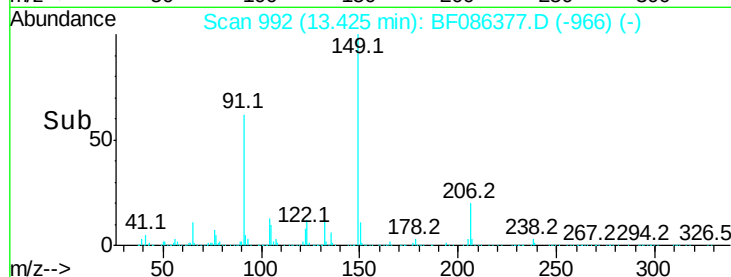
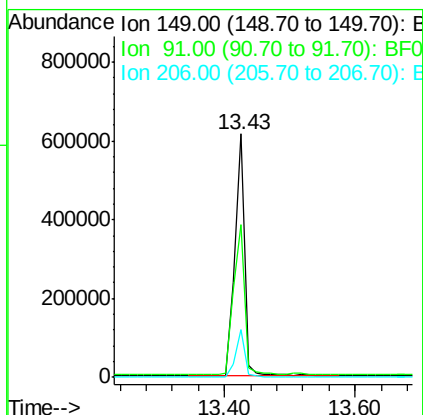
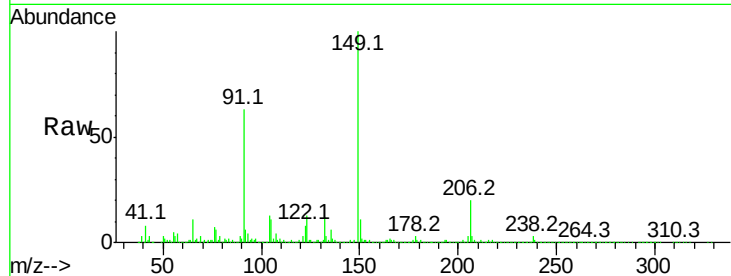
#79
Butylbenzylphthalate
Concen: 48.93 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	628004		
91	62.7	48.0	72.0	
206	19.7	15.8	23.6	

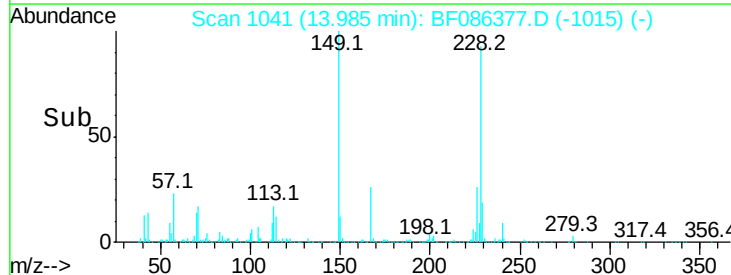
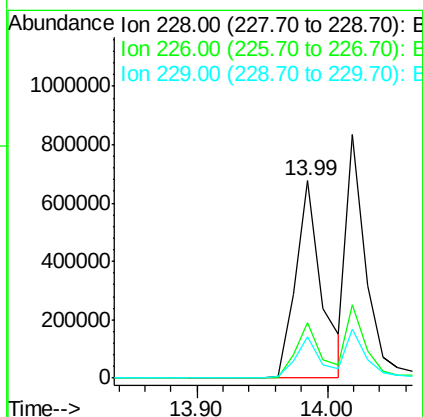
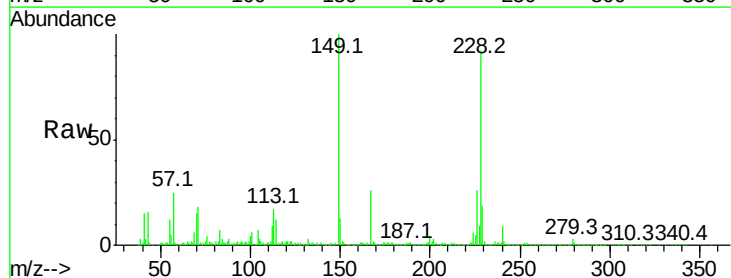
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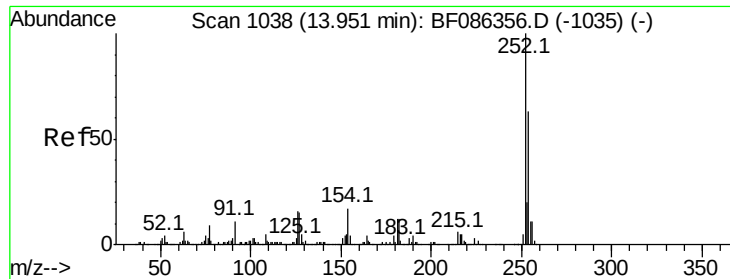
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#80
Benzo(a)anthracene
Concen: 45.34 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	929856		
226	28.0	22.5	33.7	
229	20.7	16.6	25.0	





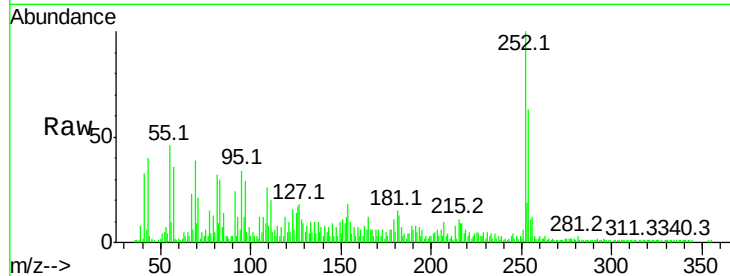
#81
 3,3'-Dichlorobenzidine
 Concen: 6.37 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MSD

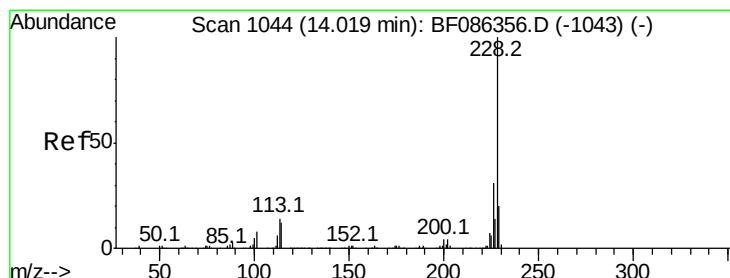
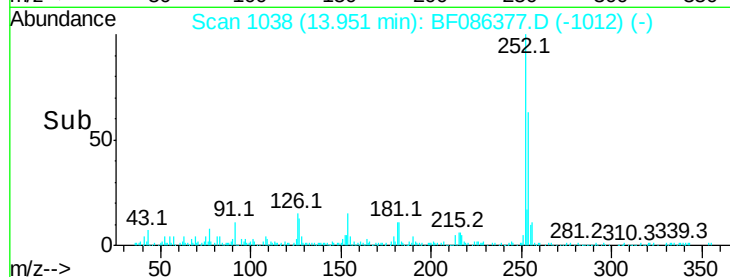
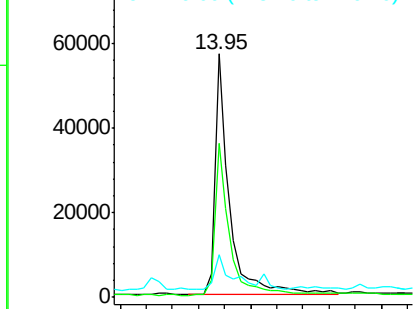
Tot Ion:	252	Resp:	90040
Ion Ratio	Lower	Upper	
252	100		
254	63.1	50.7	76.1
126	17.5	12.7	19.1

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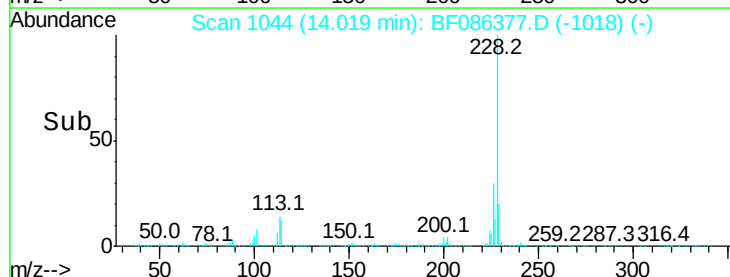
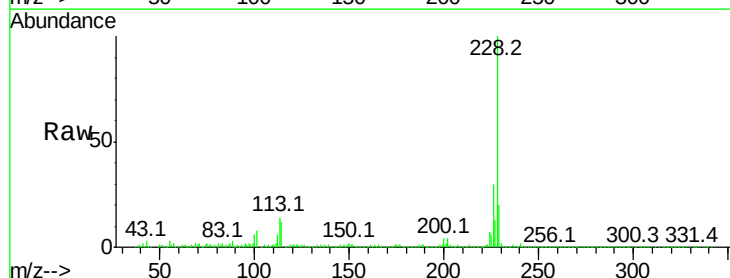
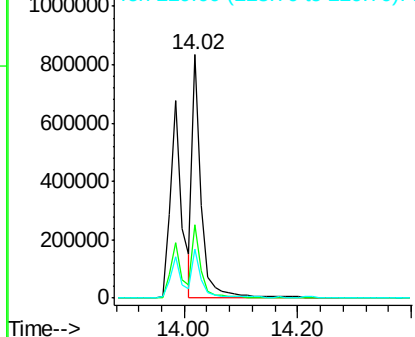
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

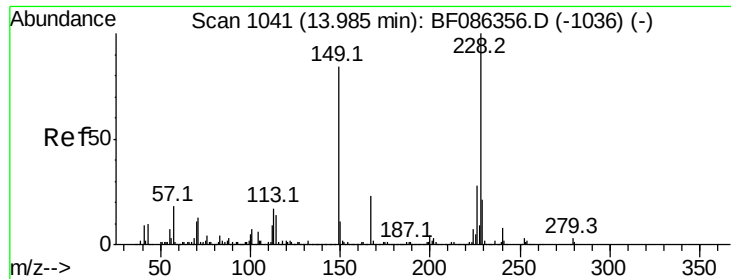


#82
 Chrysene
 Concen: 40.16 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Tgt Ion:	228	Resp:	927899
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	20.1	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





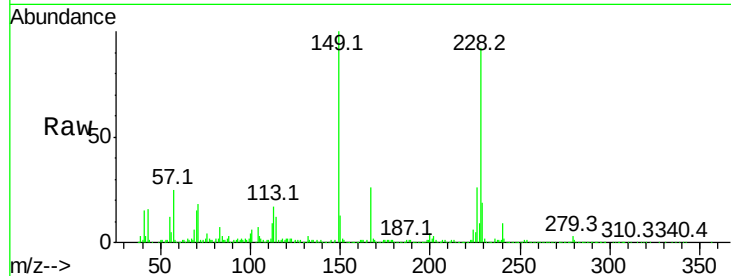
#83
Bis(2-ethylhexyl)phthalate
Concen: 47.61 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

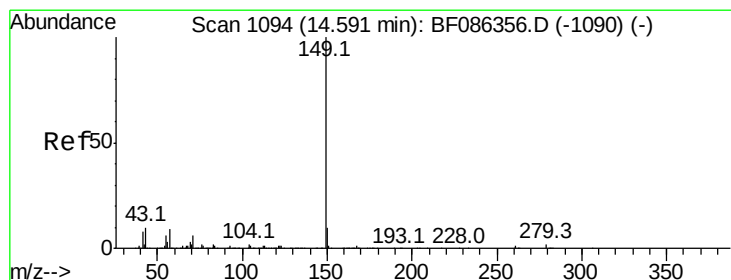
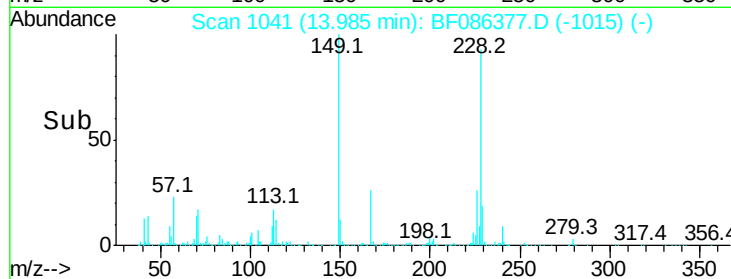
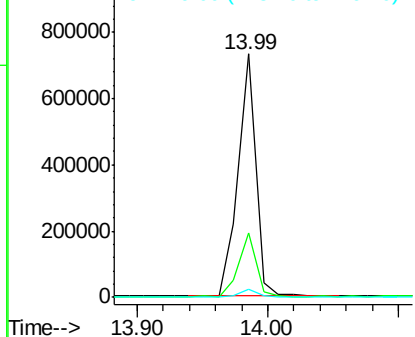
Tot Ion	Ratio	Resp	Lower	Upper
149	100	684278		
167	26.4		21.8	32.6
279	3.1		2.6	4.0

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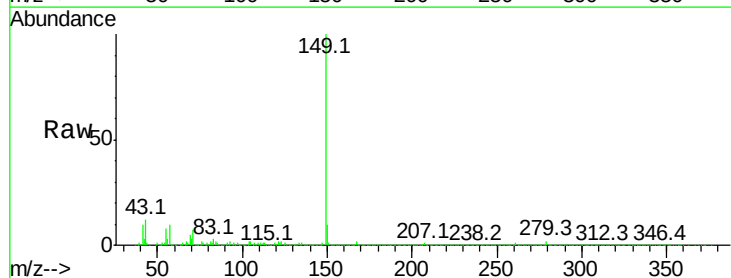


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

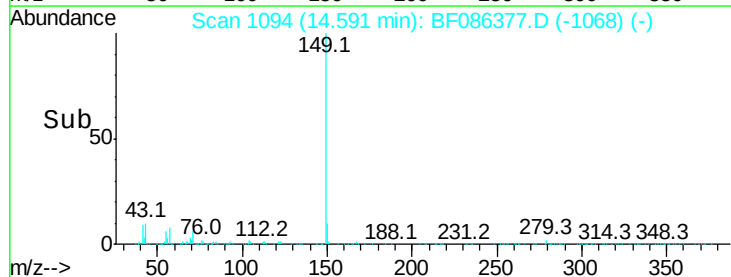
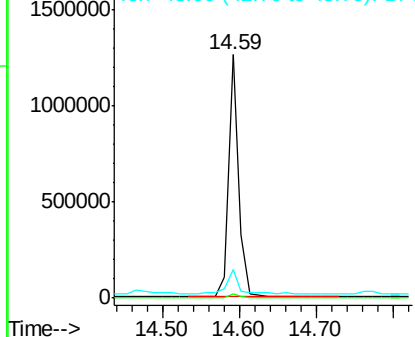


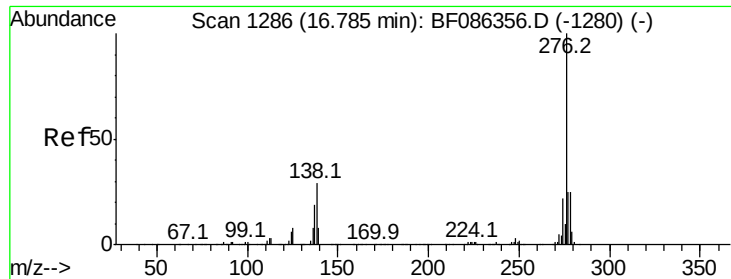
#84
Di-n-octyl phthalate
Concen: 43.00 ng
RT: 14.59 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1186523		
167	1.7		1.2	1.8
43	10.3		8.2	12.4



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: 50.84 ng

RT: 16.80 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Instrument :

BNA_F

ClientSampleId :

MW-11MSD

Tot Ion:276 Resp: 1044310

Ion Ratio Lower Upper

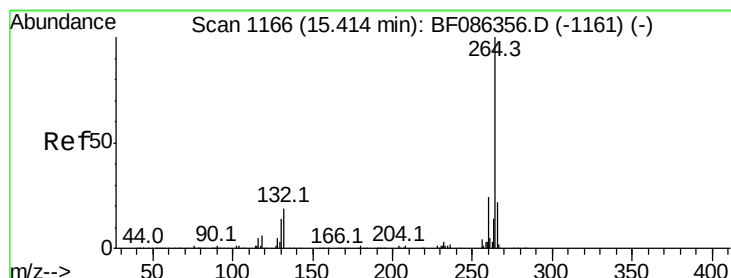
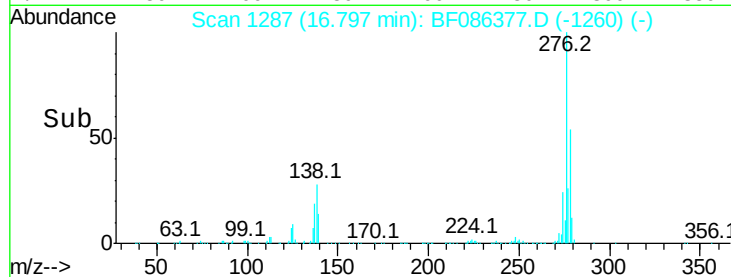
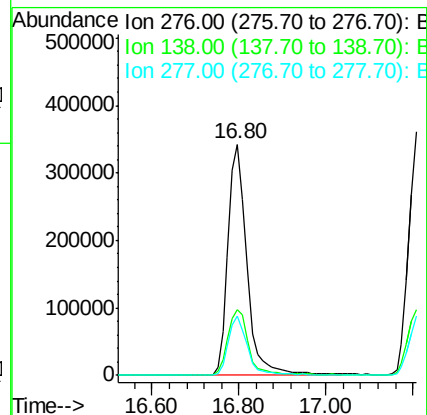
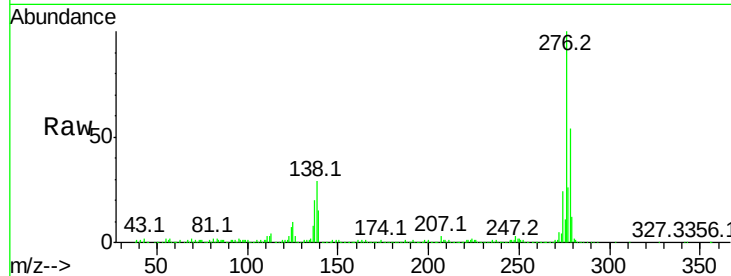
276 100

138 30.4 25.6 38.4

277 25.2 20.5 30.7

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

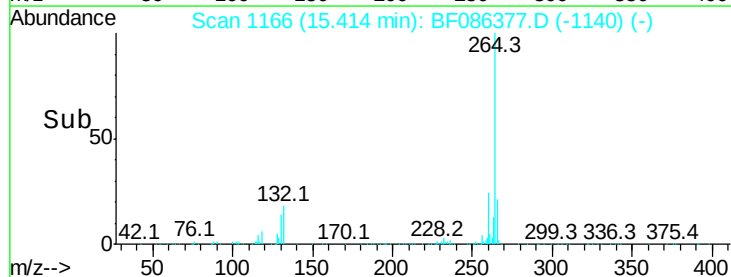
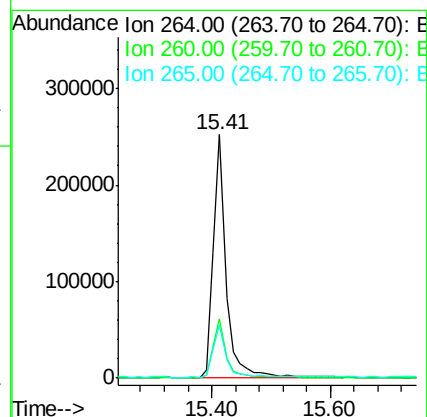
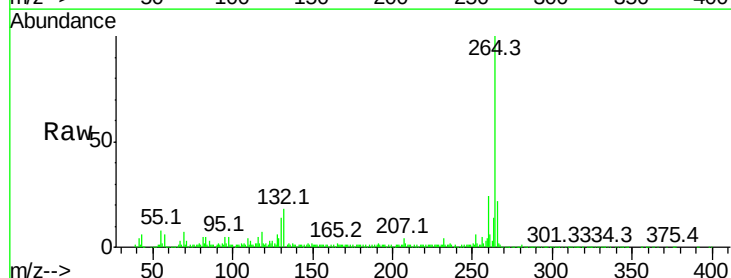
Tgt Ion:264 Resp: 376783

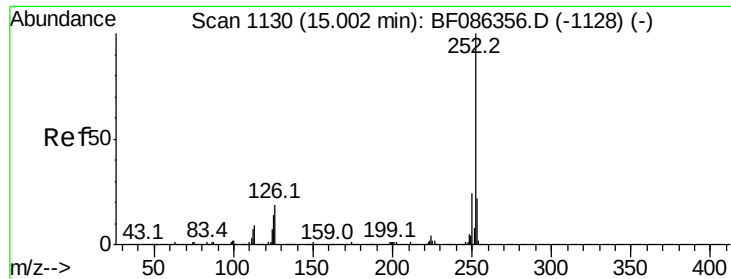
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 47.82 ng m

RT: 15.01 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF086377.D

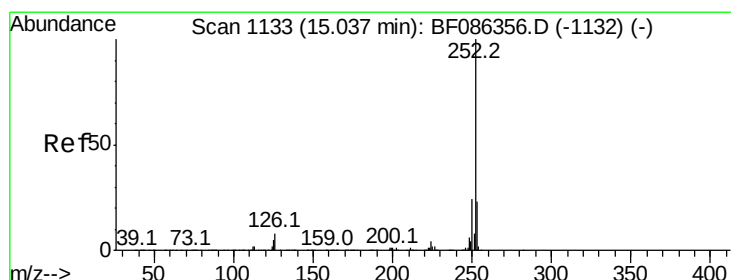
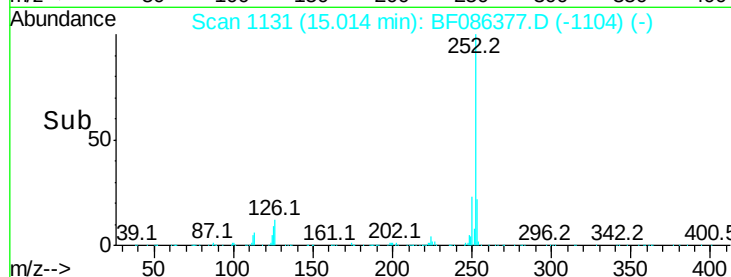
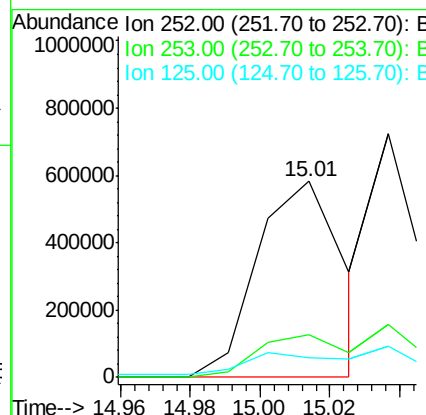
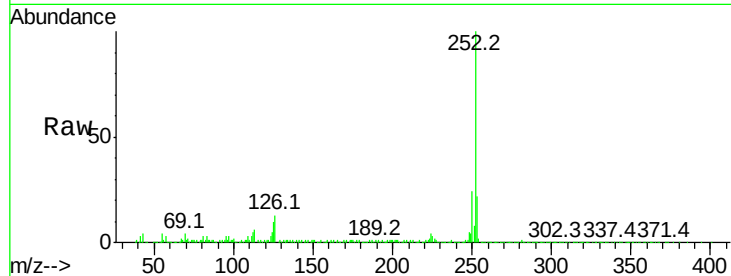
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	989025		
253	22.0		17.8	26.6
125	10.2		11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 40.35 ng m

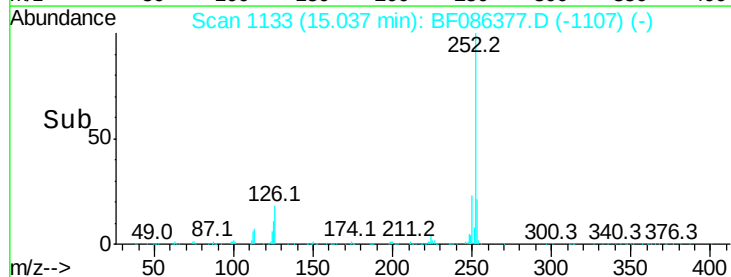
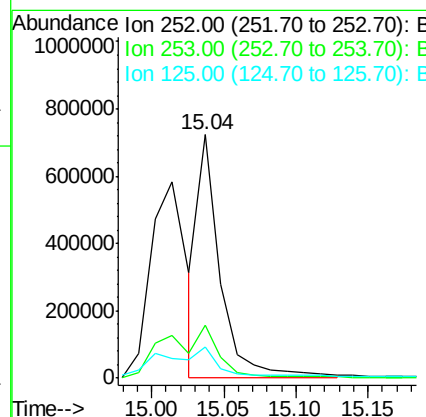
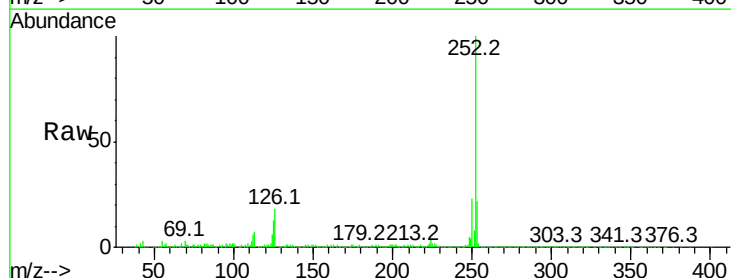
RT: 15.04 min Scan# 1133

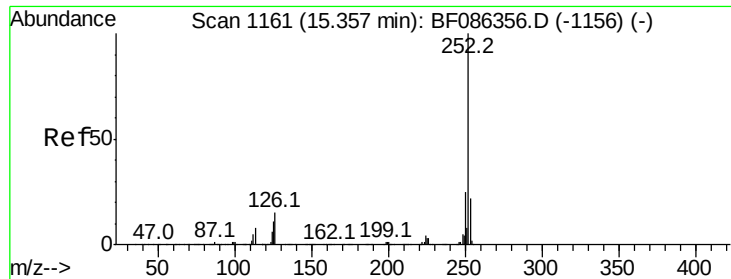
Delta R.T. 0.00 min

Lab File: BF086377.D

Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	819125		
253	21.6		17.8	26.6
125	12.5		9.1	13.7





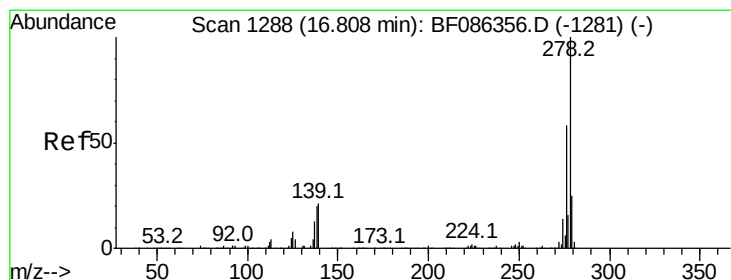
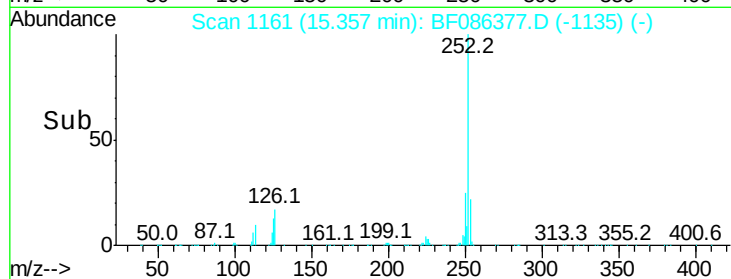
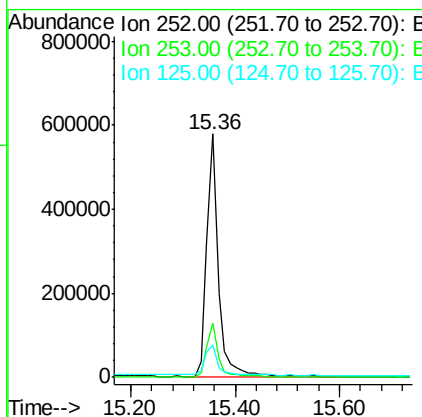
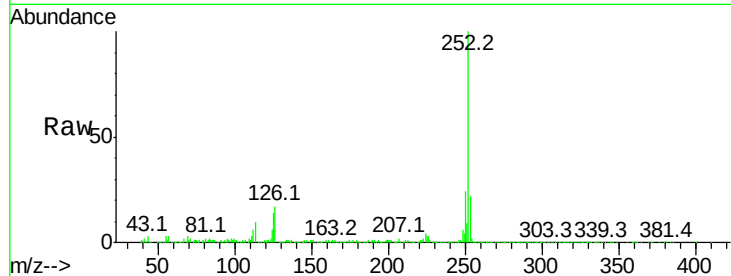
#89
Benzo(a)pyrene
Concen: 43.42 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	17.2	25.8
125	13.5	9.0	13.6

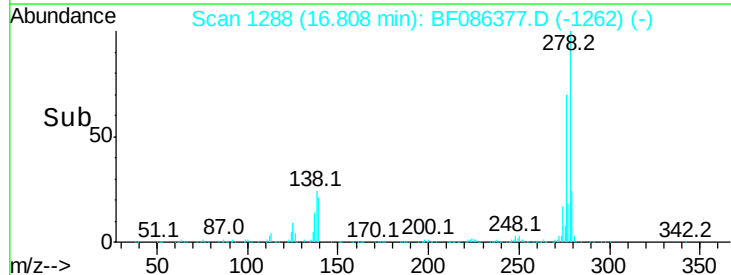
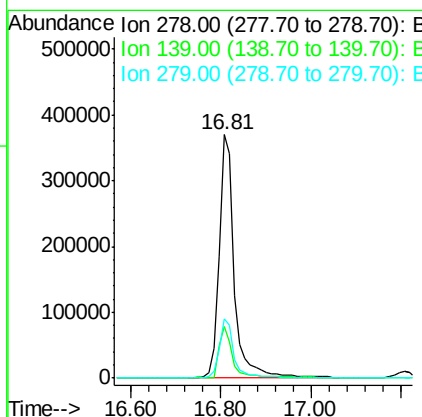
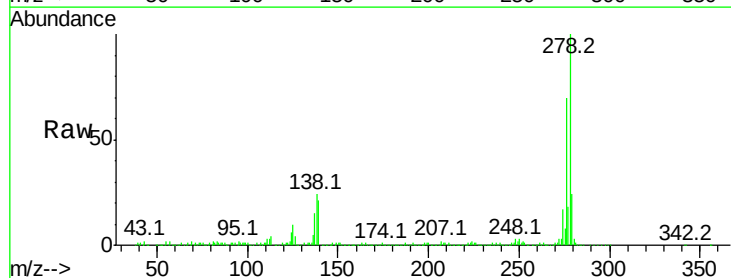
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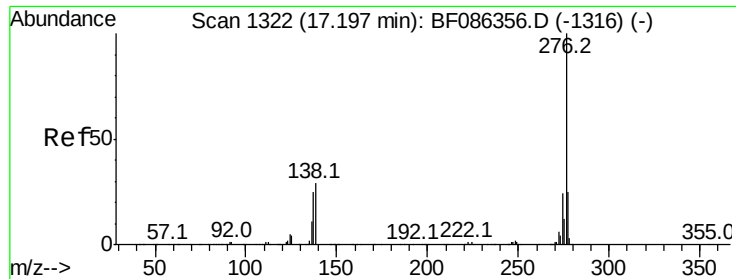
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#90
Dibenzo(a,h)anthracene
Concen: 51.53 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF086377.D
Acq: 23 Apr 2016 8:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	21.3	16.6	24.8
279	24.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.21 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF086377.D
 Acq: 23 Apr 2016 8:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.2	19.6	29.4
138	26.9	23.6	35.4

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