

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086732.D
 Acq On : 6 May 2016 19:06
 Operator : UM/SJ
 Sample : H2802-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Manual Integrations
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Sohil
 5/9/2016 7:17:18 PM

Quant Time: May 09 15:38:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172798	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	691878	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	308728	40.00	ng	0.00
63) Phenanthrene-d10	11.23	188	550779	40.00	ng	0.00
75) Chrysene-d12	13.86	240	383068	40.00	ng	0.00
86) Perylene-d12	15.23	264	313208	40.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	697616	66.84	ng	0.00
7) Phenol-d6	6.38	99	575834	40.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	1305649	96.97	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	470814	155.89	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	2024050	107.47	ng	0.00
78) Terphenyl-d14	12.81	244	1286602	67.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	91330	16.93	ng	# 76
3) Pyridine	3.14	79	181996m	13.76	ng	
4) n-Nitrosodimethylamine	2.96	42	162664	20.27	ng	# 52
6) Aniline	6.38	93	304249	17.53	ng	# 83
8) 2-Chlorophenol	6.51	128	484214	38.66	ng	94
9) Benzaldehyde	6.26	77	112803	16.08	ng	96
10) Phenol	6.40	94	244069	15.87	ng	# 61
11) bis(2-Chloroethyl)ether	6.45	93	569981	43.05	ng	83
12) 1,3-Dichlorobenzene	6.65	146	601816	45.25	ng	# 94
13) 1,4-Dichlorobenzene	6.73	146	611567	44.47	ng	96
14) 1,2-Dichlorobenzene	6.88	146	511549m	42.72	ng	
15) Benzyl Alcohol	6.88	79	320893	35.28	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1166171	43.08	ng	80
17) 2-Methylphenol	7.00	107	316795	31.41	ng	# 69
18) Hexachloroethane	7.22	117	238011	45.84	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	466449	48.55	ng	# 67
20) 3+4-Methylphenols	7.16	107	374688	31.73	ng	# 61
22) Acetophenone	7.14	105	886543	54.99	ng	100
24) Nitrobenzene	7.31	77	734108	52.74	ng	93
25) Isophorone	7.56	82	1215720	48.49	ng	99
26) 2-Nitrophenol	7.62	139	295378	47.56	ng	# 69
27) 2,4-Dimethylphenol	7.68	122	440690	40.41	ng	87
28) bis(2-Chloroethoxy)methane	7.77	93	778649	56.42	ng	98
29) 2,4-Dichlorophenol	7.87	162	439375	46.86	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	499337	47.73	ng	97
31) Naphthalene	8.02	128	1581145	44.73	ng	98
32) Benzoic acid	7.82	122	154927	38.44	ng	# 79
33) 4-Chloroaniline	8.09	127	239851	17.51	ng	96
34) Hexachlorobutadiene	8.13	225	278226	46.85	ng	99
35) Caprolactam	8.53	113	19428	6.69	ng	# 43
36) 4-Chloro-3-methylphenol	8.58	107	428059	40.01	ng	91
37) 2-Methylnaphthalene	8.72	142	1101016	52.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	430101	48.13	ng	# 95
40) Hexachlorocyclopentadiene	8.86	237	545612	128.44	ng	95

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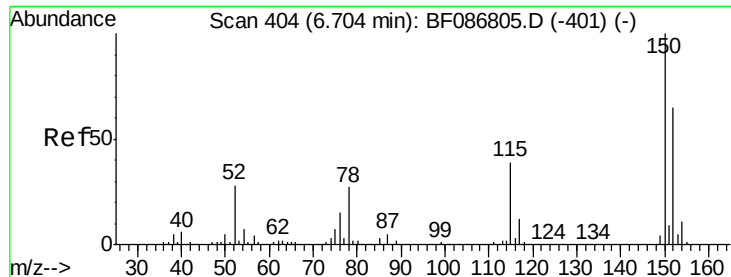
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	309436	54.45	ng	94
43) 2,4,5-Trichlorophenol	9.06	196	306777	51.68	ng	95
45) 1,1'-Biphenyl	9.17	154	1215168	48.14	ng	95
46) 2-Chloronaphthalene	9.20	162	913387	46.89	ng	# 92
47) 2-Nitroaniline	9.31	65	340200	49.13	ng	# 75
48) Acenaphthylene	9.61	152	1410160	48.77	ng	99
49) Dimethylphthalate	9.49	163	1077115	46.80	ng	99
50) 2,6-Dinitrotoluene	9.55	165	225214	45.60	ng	# 78
51) Acenaphthene	9.78	154	896750	47.02	ng	99
52) 3-Nitroaniline	9.73	138	128778	22.93	ng	# 94
53) 2,4-Dinitrophenol	9.84	184	300419	115.38	ng	# 80
54) Dibenzofuran	9.96	168	1316215	55.67	ng	99
55) 4-Nitrophenol	9.92	139	107609m	32.87	ng	
56) 2,4-Dinitrotoluene	9.95	165	268746	43.91	ng	# 64
57) Fluorene	10.29	166	875912	45.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	269226	61.75	ng	100
59) Diethylphthalate	10.19	149	1187673	54.52	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	473405	51.97	ng	91
61) 4-Nitroaniline	10.34	138	108135	20.04	ng	# 71
62) Azobenzene	10.45	77	1406922	58.28	ng	87
64) 4,6-Dinitro-2-methylphenol	10.36	198	201370	64.61	ng	# 79
65) n-Nitrosodiphenylamine	10.42	169	916392	52.40	ng	98
66) 4-Bromophenyl-phenylether	10.78	248	283094	51.72	ng	# 76
67) Hexachlorobenzene	10.84	284	339758	50.90	ng	# 86
68) Atrazine	10.96	200	284280	53.04	ng	95
69) Pentachlorophenol	11.05	266	367983	111.16	ng	98
70) Phenanthrene	11.25	178	1323473	44.74	ng	99
71) Anthracene	11.31	178	1529564	49.37	ng	100
72) Carbazole	11.47	167	1274659	47.38	ng	98
73) Di-n-butylphthalate	11.80	149	1533119	48.00	ng	# 98
74) Fluoranthene	12.43	202	1415678	47.75	ng	99
77) Pyrene	12.66	202	1339743	43.87	ng	99
79) Butylbenzylphthalate	13.29	149	607209	47.47	ng	# 66
80) Benzo(a)anthracene	13.85	228	1077518	49.74	ng	99
82) Chrysene	13.88	228	887705	38.41	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	758245	51.22	ng	# 95
84) Di-n-octyl phthalate	14.45	149	1349166	61.94	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.55	276	950264	47.92	ng	95
87) Benzo(b)fluoranthene	14.85	252	924152m	49.10	ng	
88) Benzo(k)fluoranthene	14.89	252	930015m	52.45	ng	
89) Benzo(a)pyrene	15.19	252	888995	51.28	ng	98
90) Dibenzo(a,h)anthracene	16.56	278	783557	47.05	ng	95
91) Benzo(g,h,i)perylene	16.93	276	819518	46.87	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tgt Ion: 152 Resp: 172798

Ion Ratio Lower Upper

152 100

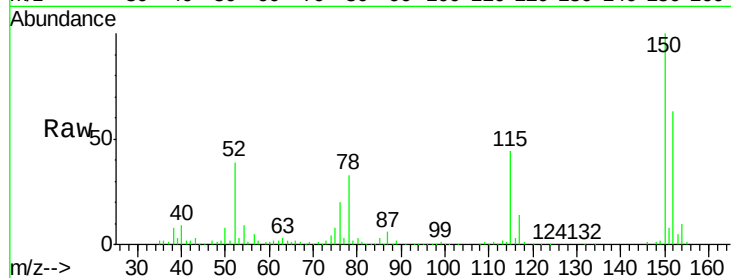
150 159.4 125.8 188.6

115 70.1 51.5 77.3

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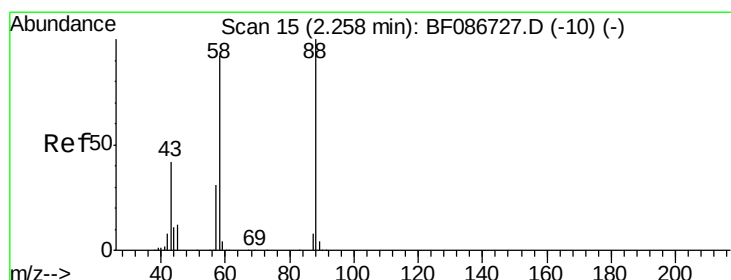
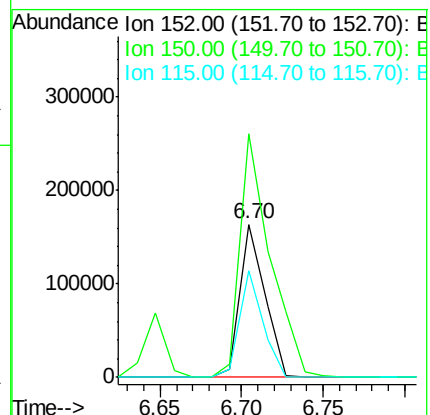
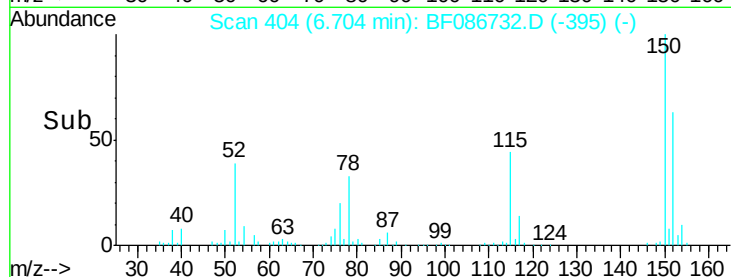
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.93 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.07 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

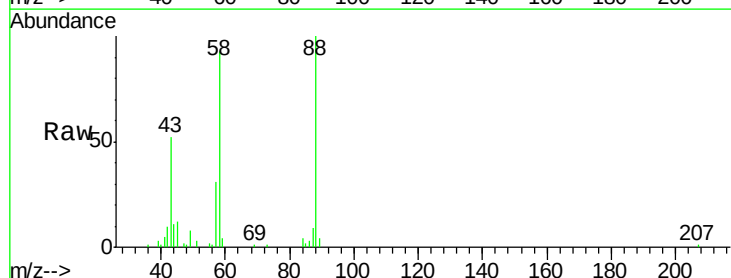
Tgt Ion: 88 Resp: 91330

Ion Ratio Lower Upper

88 100

58 92.2 59.6 89.4#

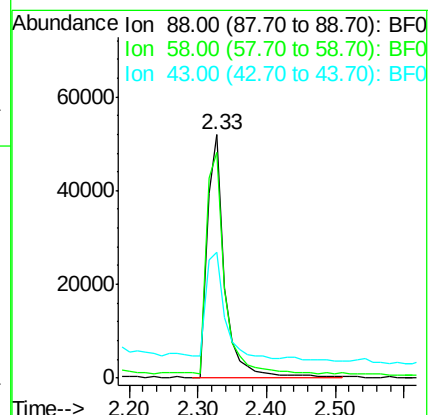
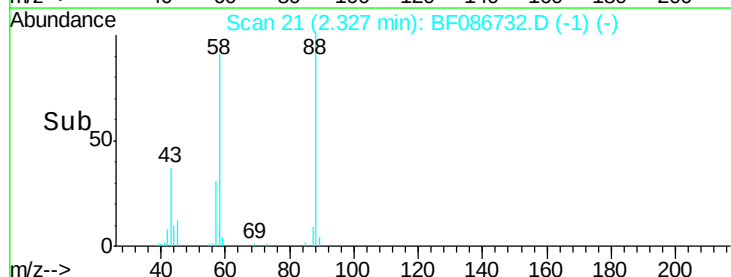
43 44.4 21.8 32.6#

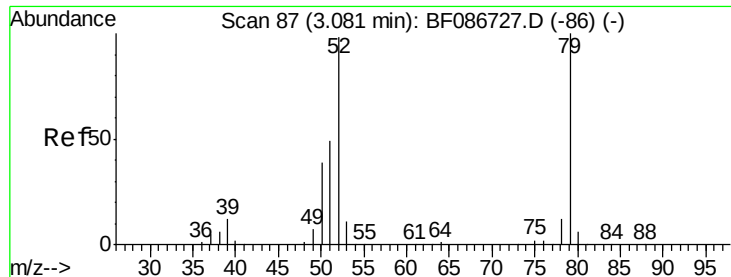


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.76 ng m

RT: 3.14 min Scan# 92

Delta R.T. 0.06 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

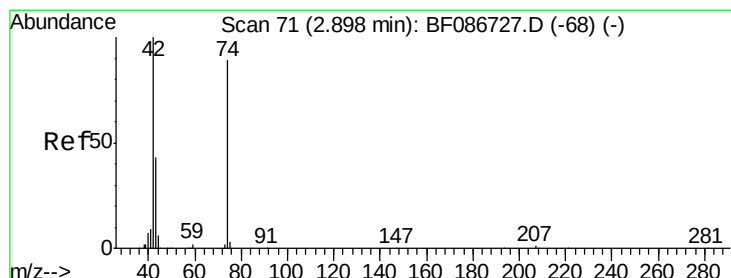
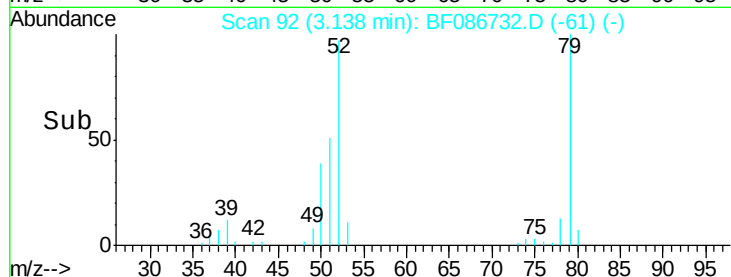
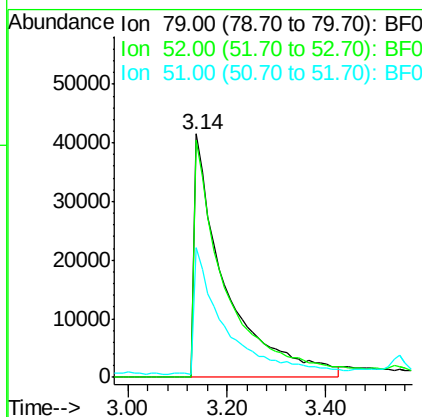
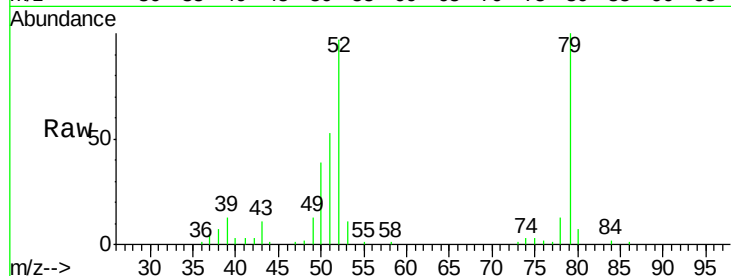
ClientSampled :

MW-1MSD

Tgt Ion:	79	Resp:	181996
Ion Ratio	Lower	Upper	
79	100		
52	97.3	55.9	83.9#
51	53.1	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 20.27 ng

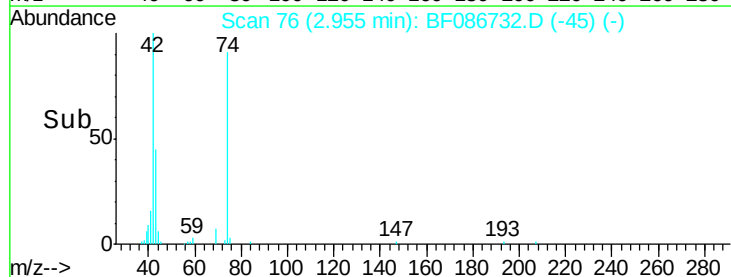
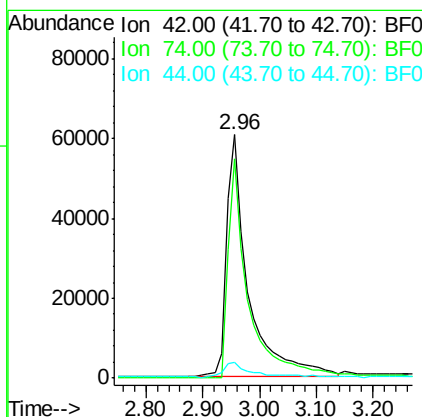
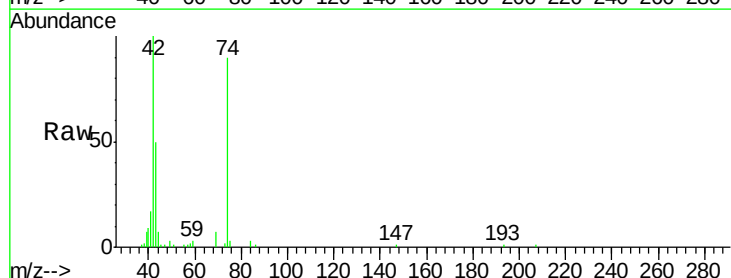
RT: 2.96 min Scan# 76

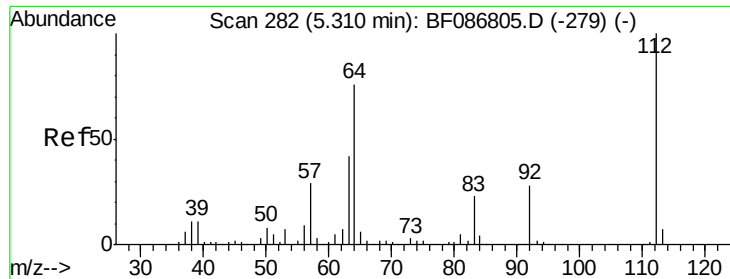
Delta R.T. 0.06 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion:	42	Resp:	162664
Ion Ratio	Lower	Upper	
42	100		
74	89.9	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 66.84 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

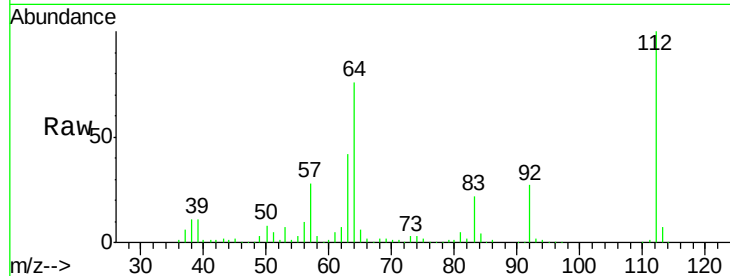
ClientSampleId :

MW-1MSD

Tgt Ion:	112	Resp:	697616
Ion Ratio	Lower	Upper	
112	100		
64	75.7	52.1	78.1
63	41.6	25.7	38.5#

Manual Integrations
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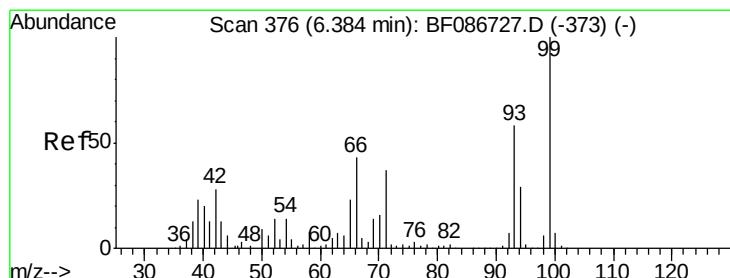
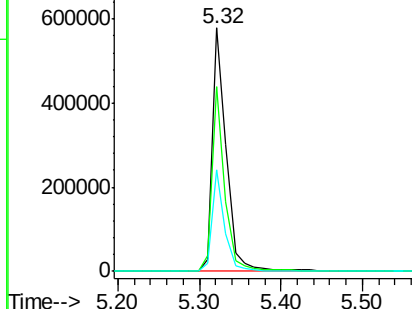
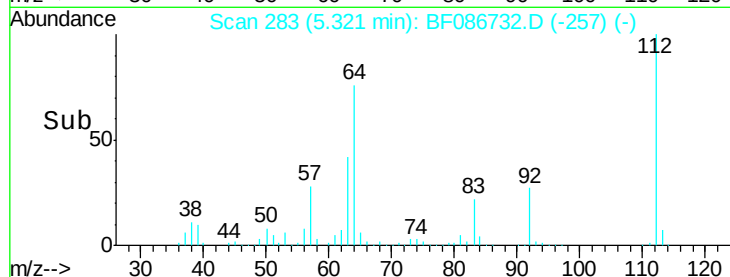
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.53 ng

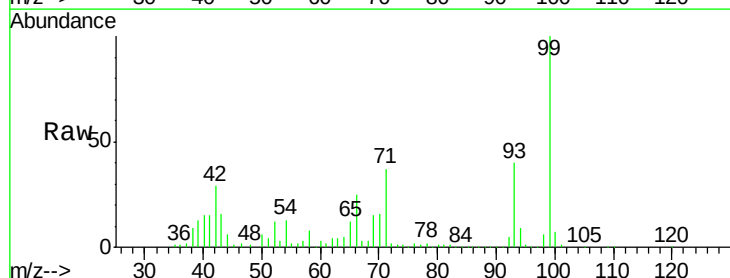
RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

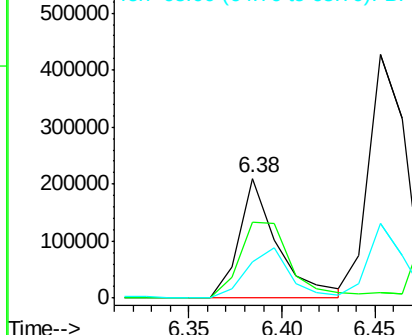
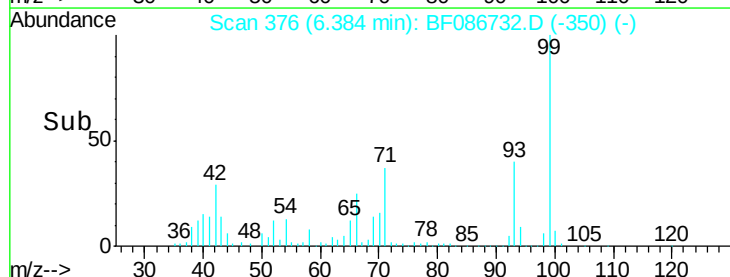
Tgt Ion:	93	Resp:	304249
Ion Ratio	Lower	Upper	
93	100		
66	63.6	39.0	58.6#
65	30.3	20.6	31.0

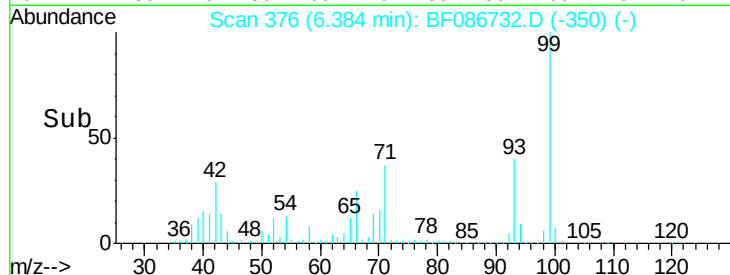
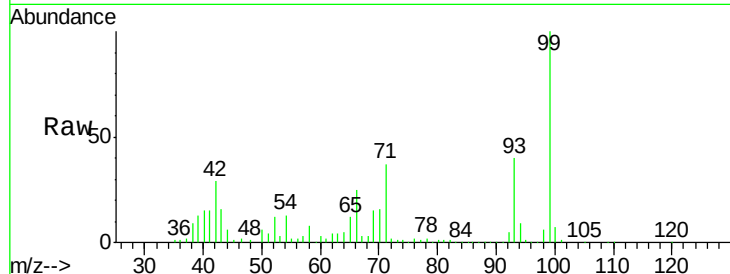
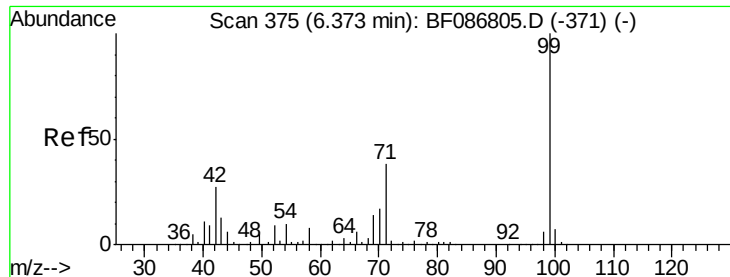


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.95 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF086732.D

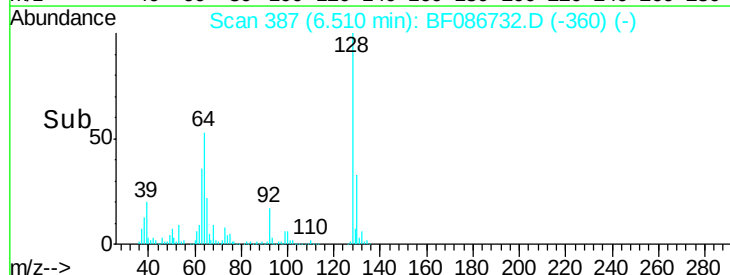
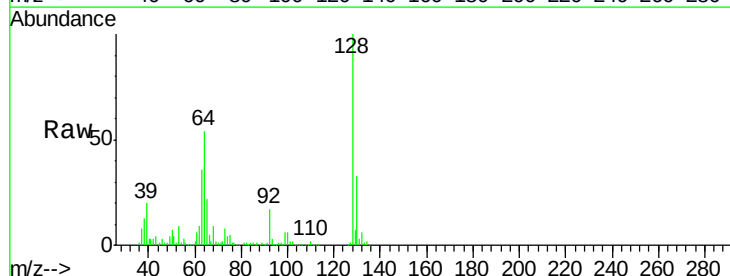
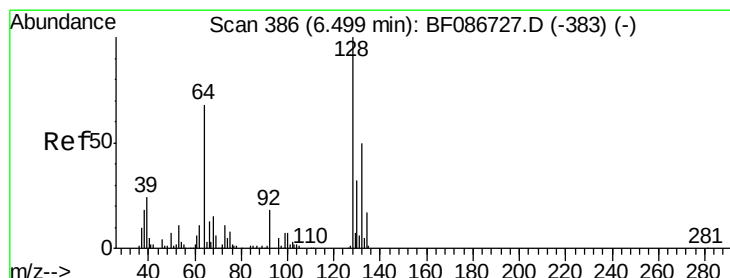
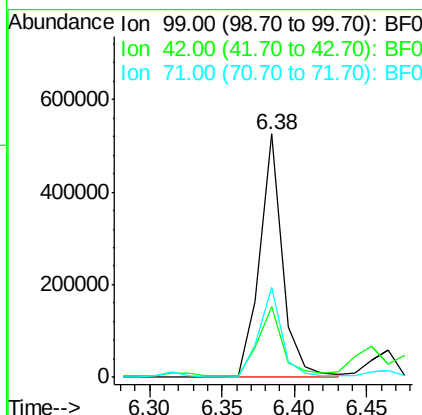
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	575834		
42	29.0	13.6	20.4#	
71	37.0	24.6	36.8#	

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#8

2-Chlorophenol

Concen: 38.66 ng

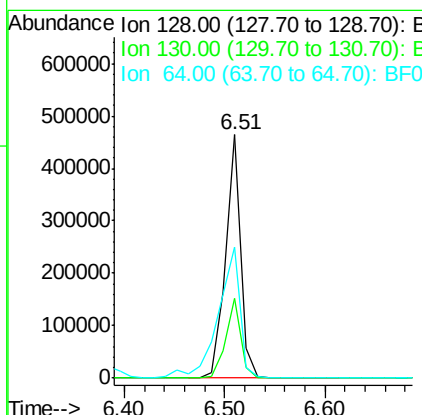
RT: 6.51 min Scan# 387

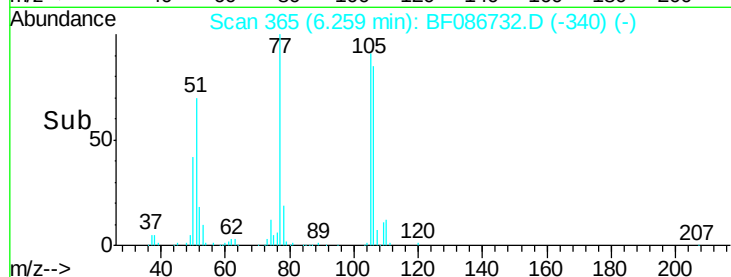
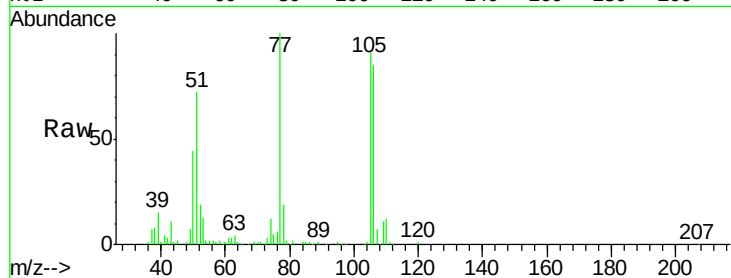
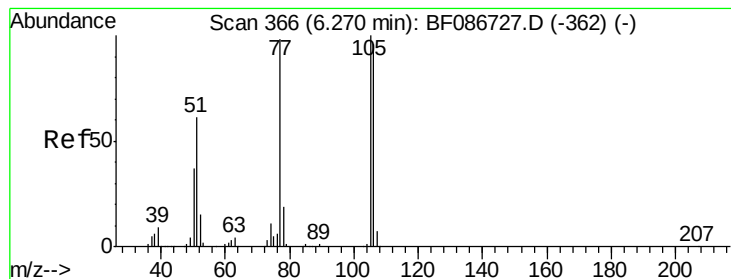
Delta R.T. 0.01 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	484214		
130	32.8	12.5	52.5	
64	53.6	27.3	67.3	





#9

Benzaldehyde

Concen: 16.08 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion:	77	Resp:	112803
Ion Ratio	Lower	Upper	
77	100		
105	91.5	72.7	112.7
106	85.0	70.8	110.8

Instrument :

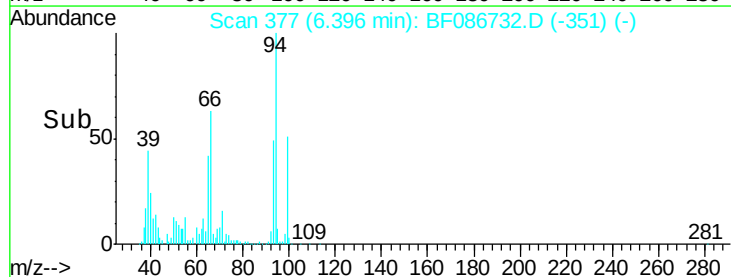
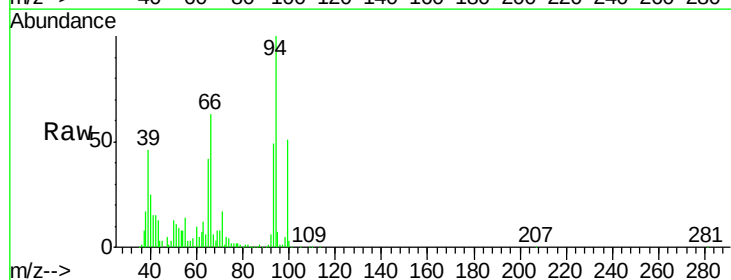
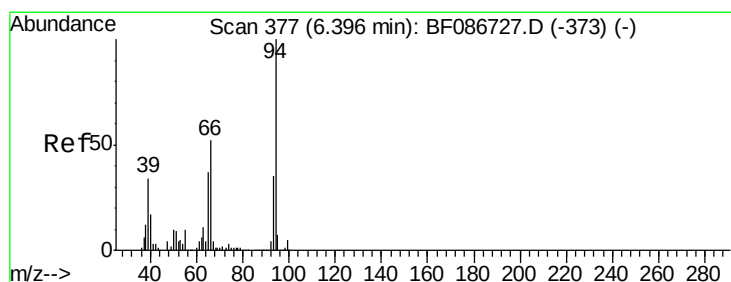
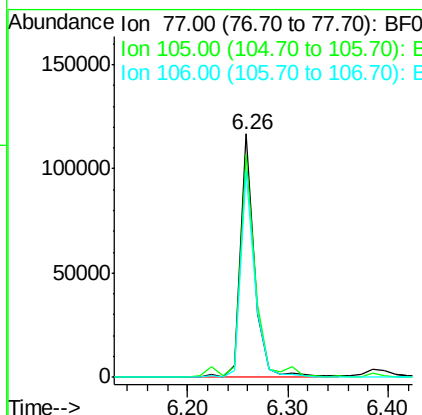
BNA_F

ClientSampleId :

MW-1MSD

Manual Integrations
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#10

Phenol

Concen: 15.87 ng

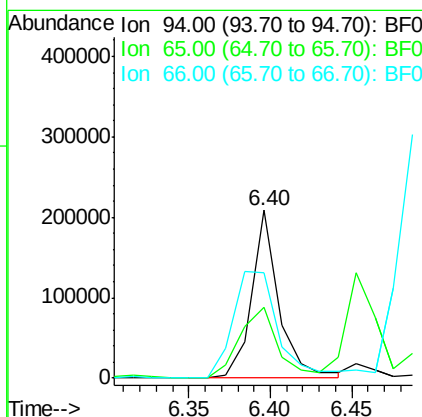
RT: 6.40 min Scan# 377

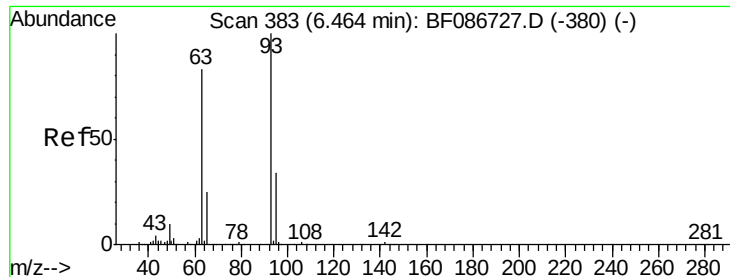
Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion:	94	Resp:	244069
Ion Ratio	Lower	Upper	
94	100		
65	41.8	7.2	47.2
66	62.9	14.9	54.9#





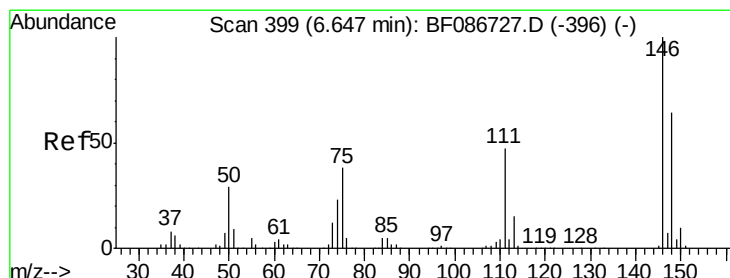
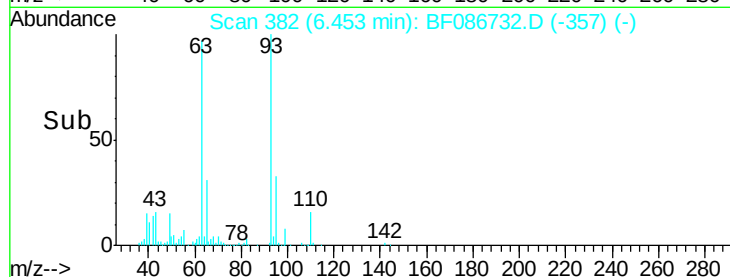
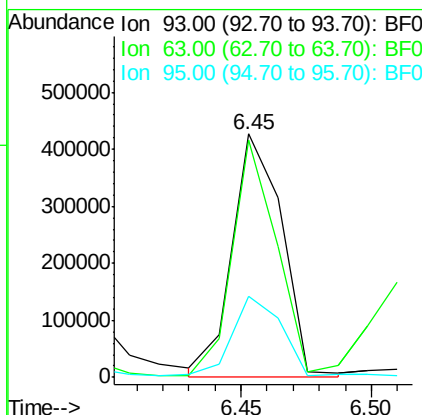
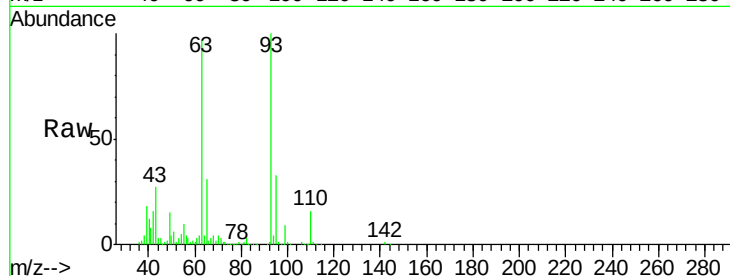
#11
bis(2-Chloroethyl)ether
Concen: 43.05 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	569981		
63	97.4	58.0	98.0	
95	33.2	11.9	51.9	

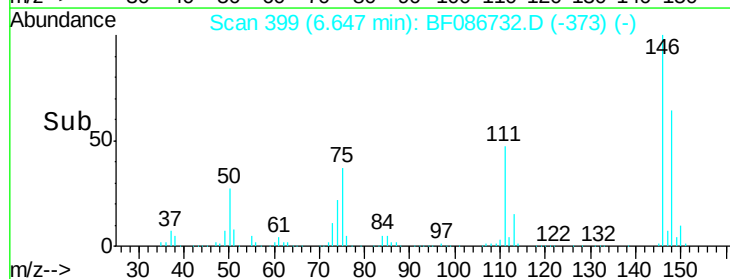
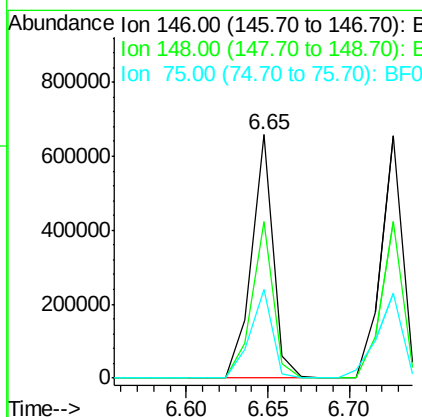
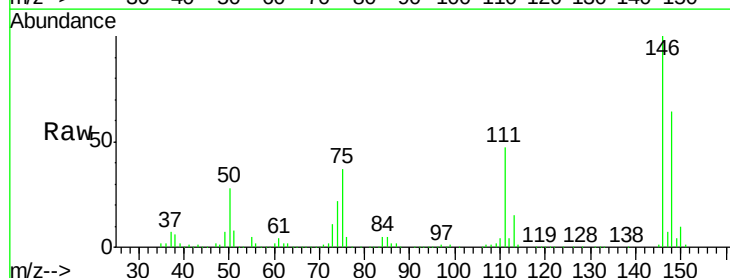
Manual Integrations
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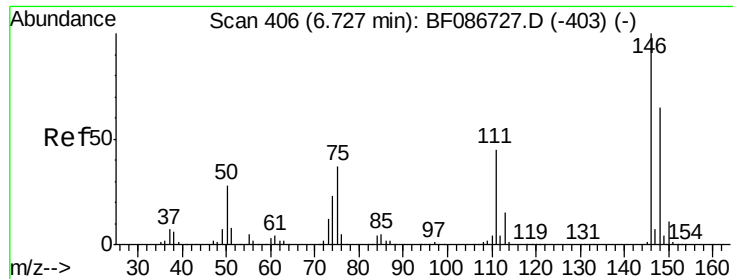
Sohil
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#12
1,3-Dichlorobenzene
Concen: 45.25 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	601816		
148	64.1	52.4	78.6	
75	36.5	22.8	34.2	





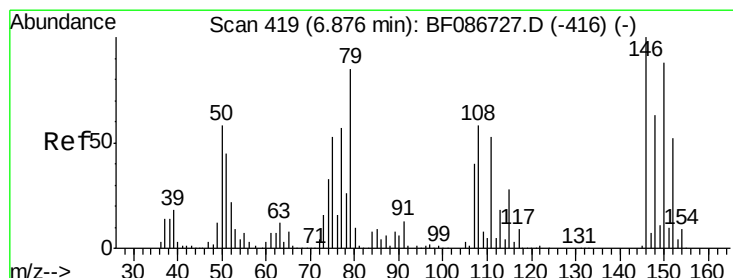
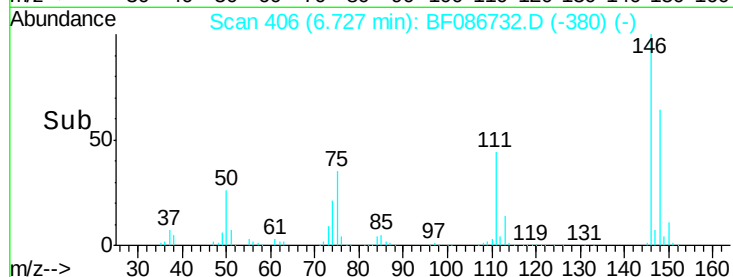
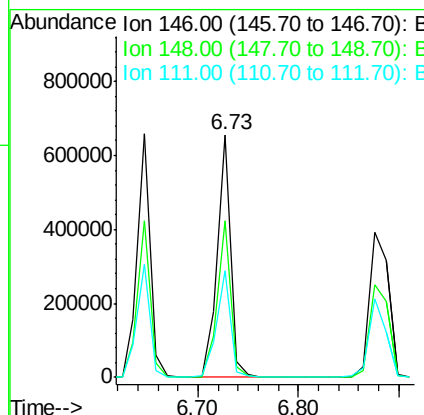
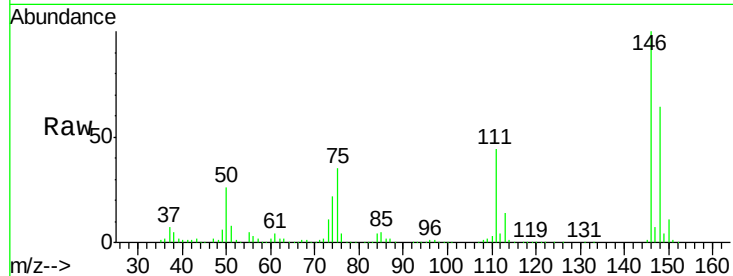
#13
 1,4-Dichlorobenzene
 Concen: 44.47 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampled :
 MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	611567		
148	64.4	52.2	78.4	
111	44.0	30.7	46.1	

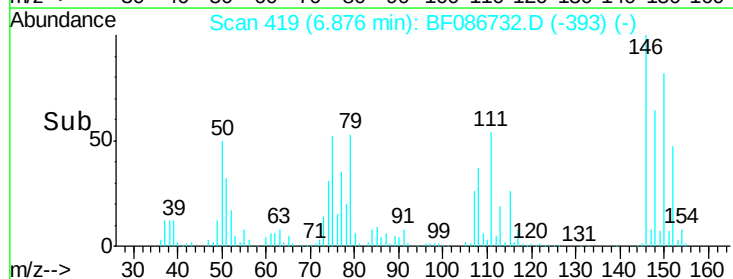
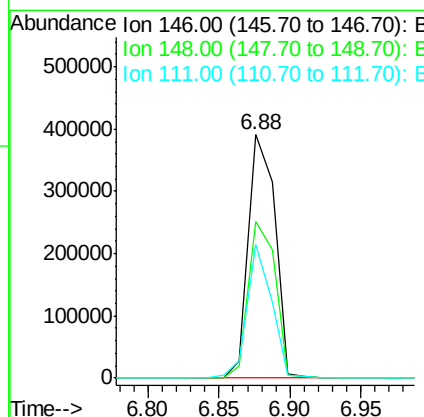
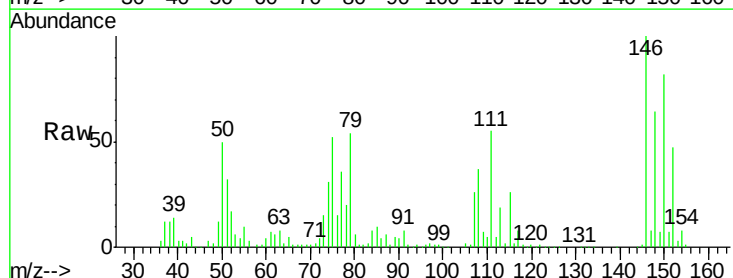
Manual Integrations
 APPROVED

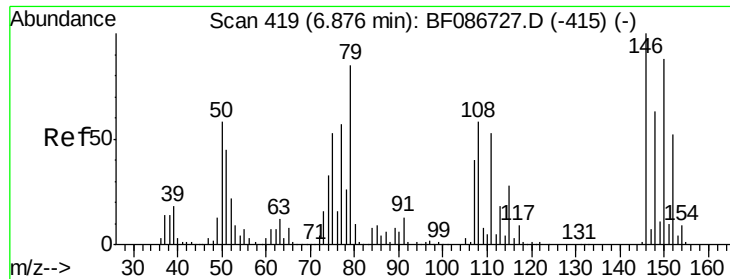
Sohil
 5/9/2016 7:17:18 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.72 ng m
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	511549		
148	64.2	51.0	76.6	
111	54.7	36.2	54.4	





#15

Benzyl Alcohol

Concen: 35.28 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tgt Ion: 79 Resp: 320893

Ion Ratio Lower Upper

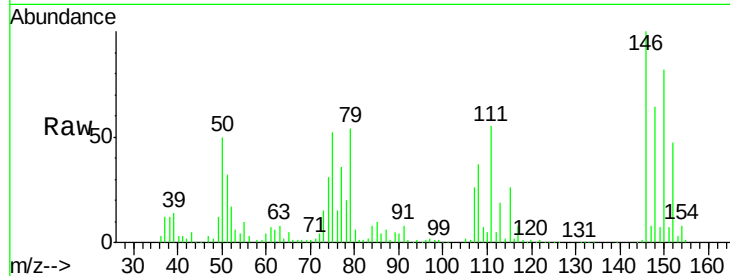
79 100

108 69.3 68.4 102.6

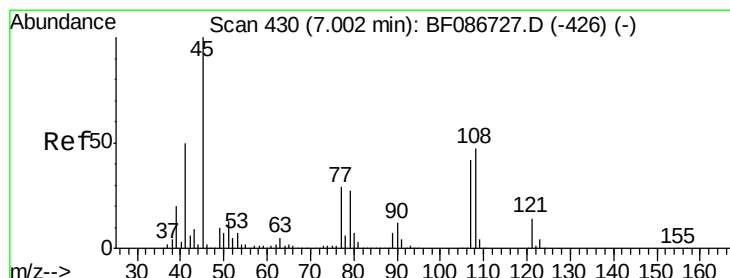
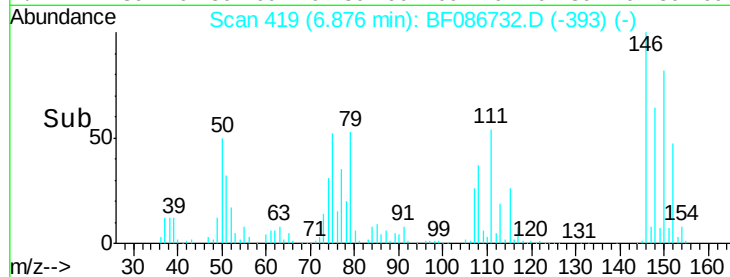
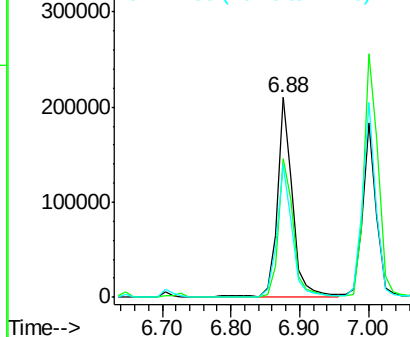
77 66.2 50.6 76.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.08 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

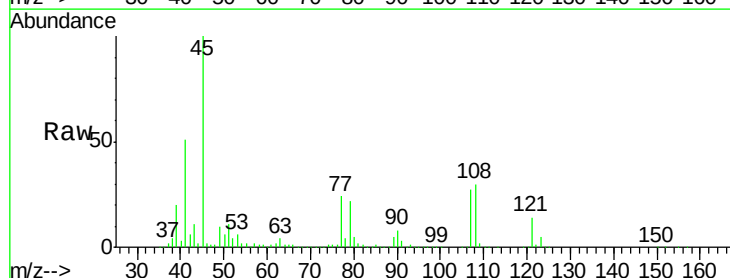
Tgt Ion: 45 Resp: 1166171

Ion Ratio Lower Upper

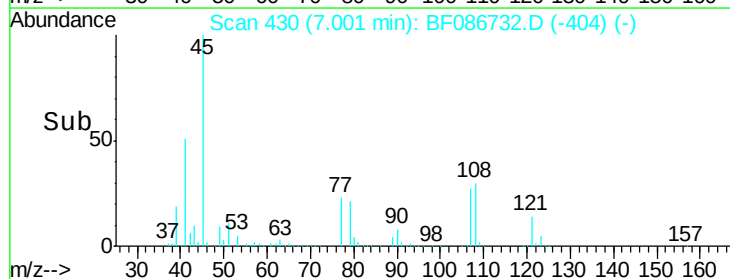
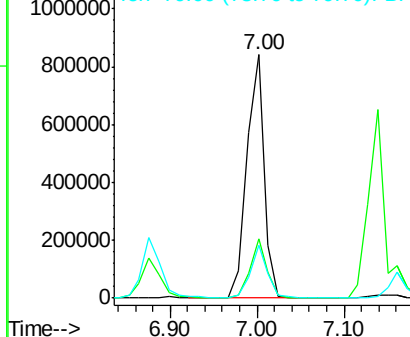
45 100

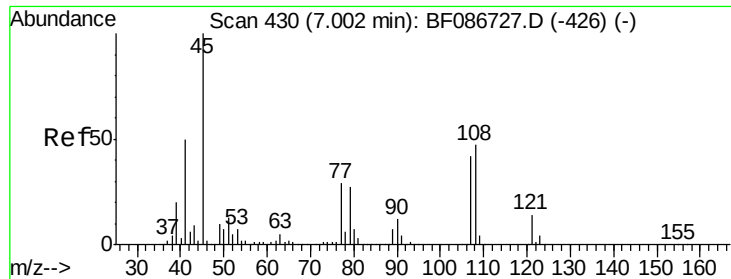
77 24.3 0.0 36.4

79 21.9 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 31.41 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

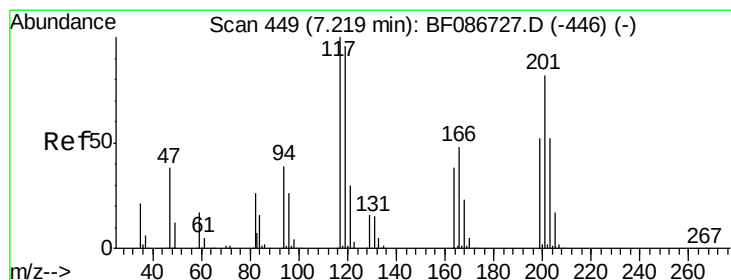
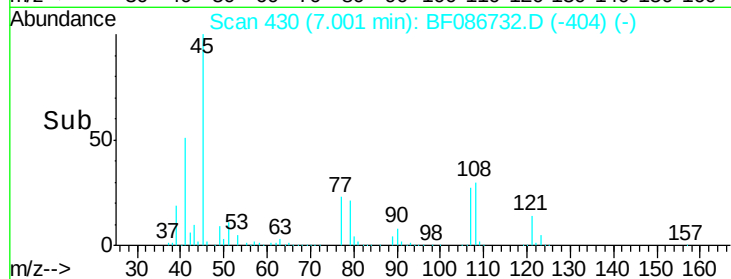
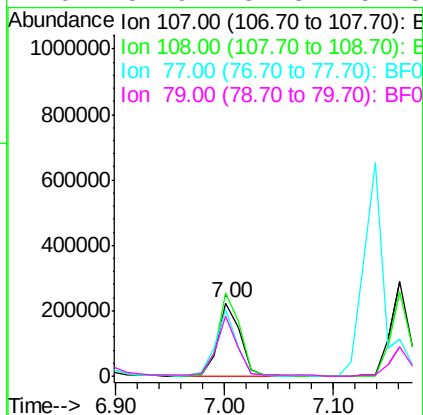
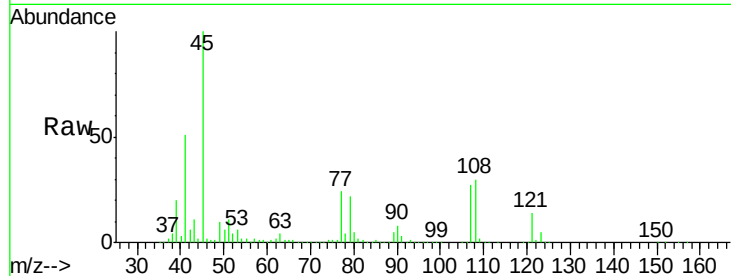
ClientSampled :

MW-1MSD

Tgt	Ion	Resp	Lower	Upper
107	100			
108	113.9	93.7	140.5	
77	91.1	33.4	50.0#	
79	81.9	34.3	51.5#	

Manual Integrations
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#18

Hexachloroethane

Concen: 45.84 ng

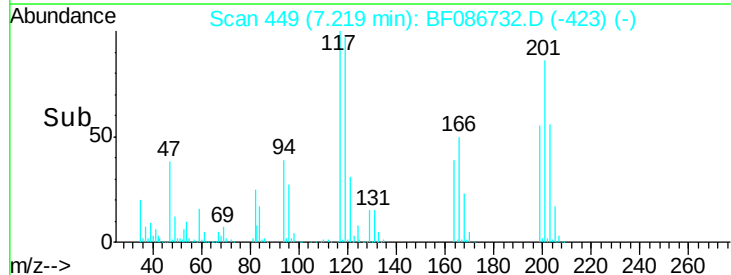
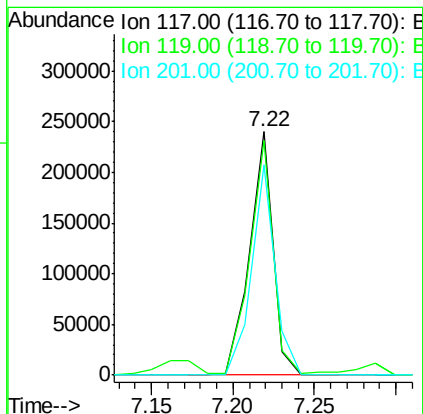
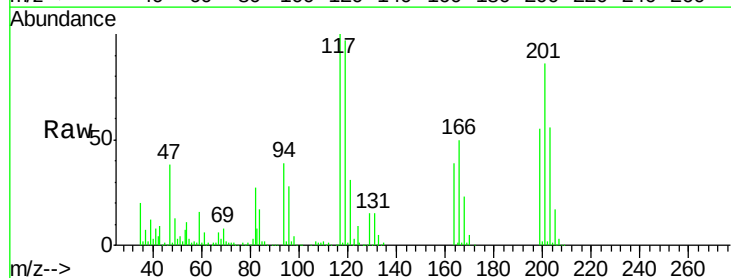
RT: 7.22 min Scan# 449

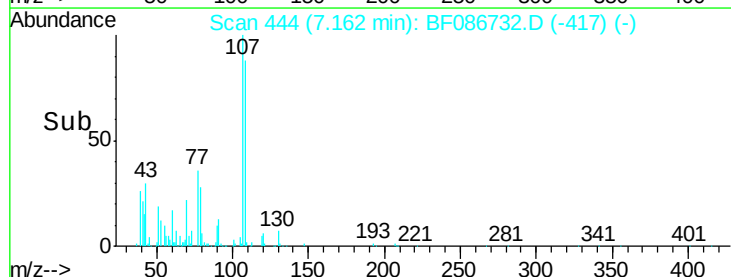
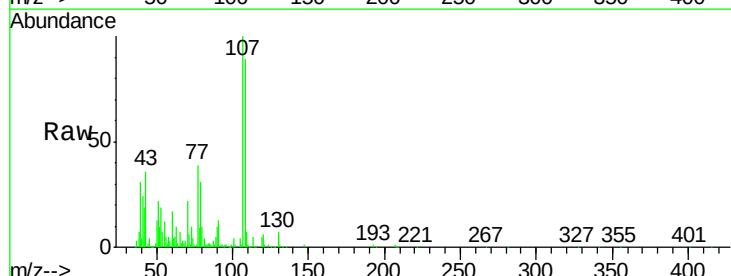
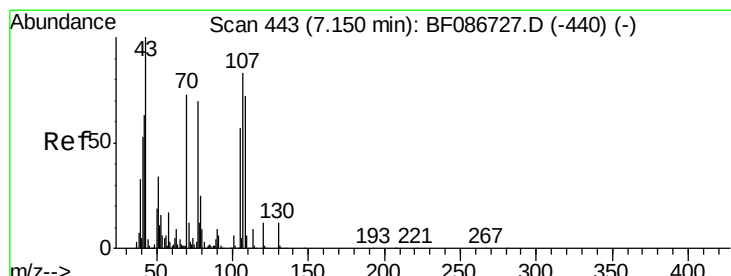
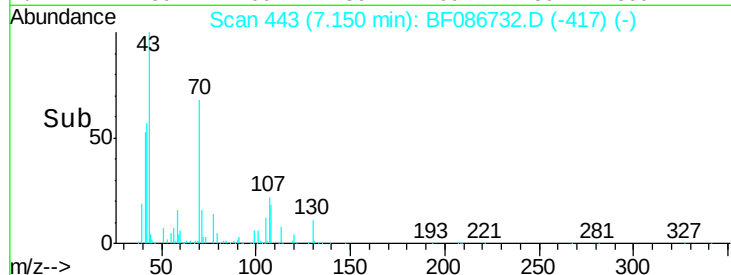
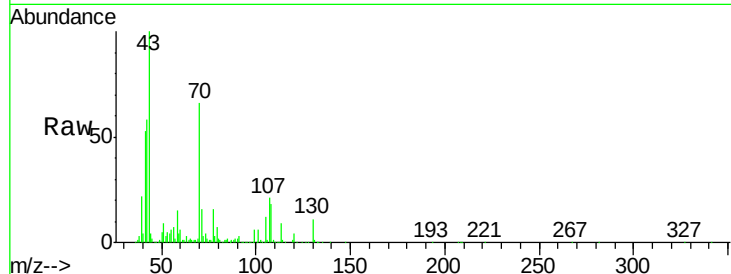
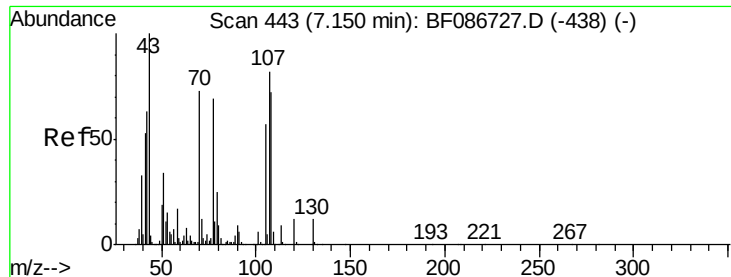
Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt	Ion	Resp	Lower	Upper
117	100			
119	96.5	76.5	114.7	
201	86.5	63.0	94.6	





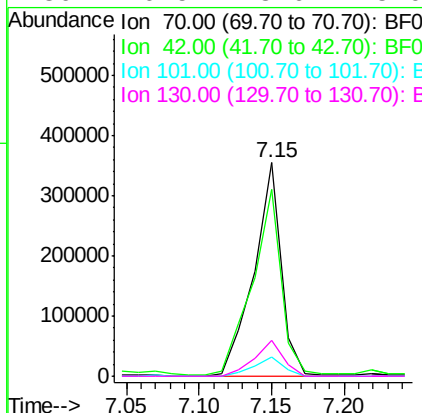
#19
n-Nitroso-di-n-propylamine
Concen: 48.55 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	87.7	43.1	64.7#	
101	9.1	8.1	12.1	
130	16.5	18.6	28.0#	

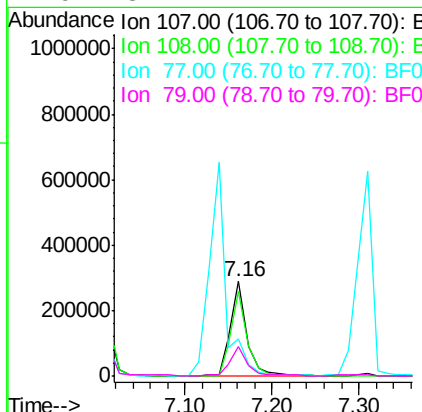
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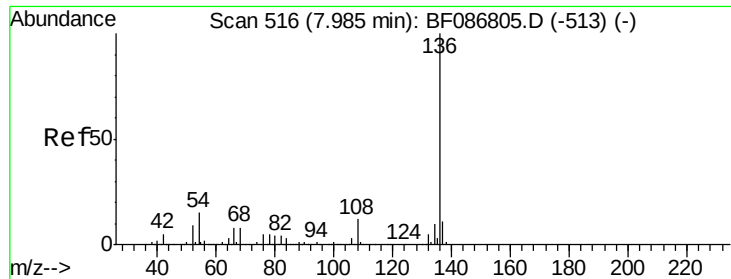
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#20
3+4-Methylphenols
Concen: 31.73 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.1	68.5	108.5	
77	38.9	101.6	141.6#	
79	31.2	7.4	47.4	





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

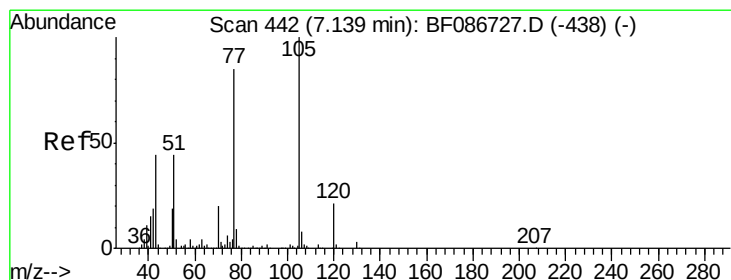
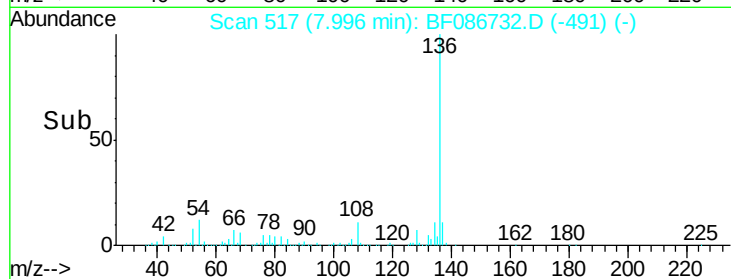
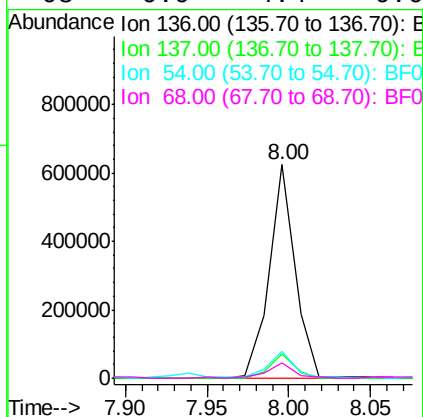
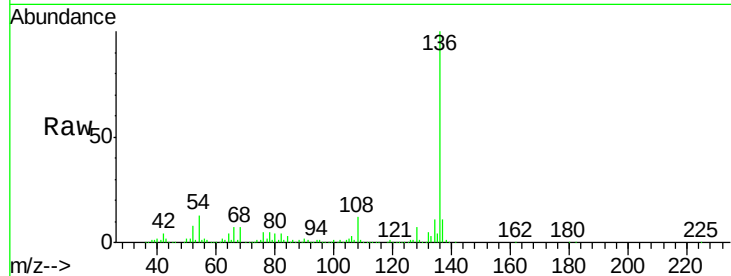
ClientSampleId :

MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	691878		
137	11.2	8.8	13.2	
54	12.8	5.0	7.4	
68	6.9	4.4	6.6	

Manual Integrations
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#22

Acetophenone

Concen: 54.99 ng

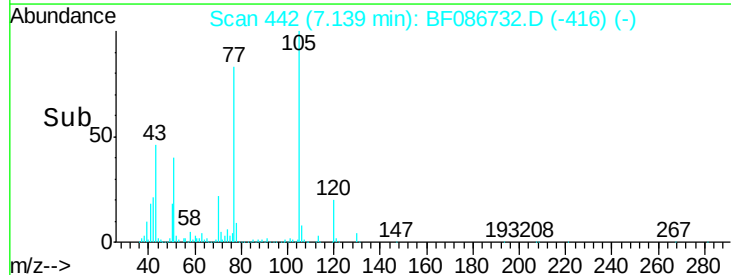
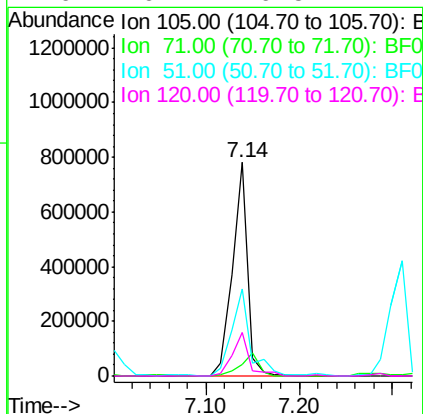
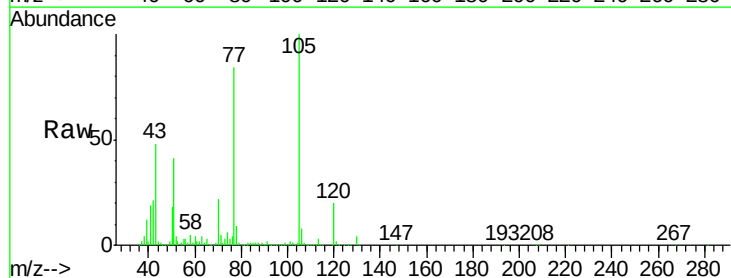
RT: 7.14 min Scan# 442

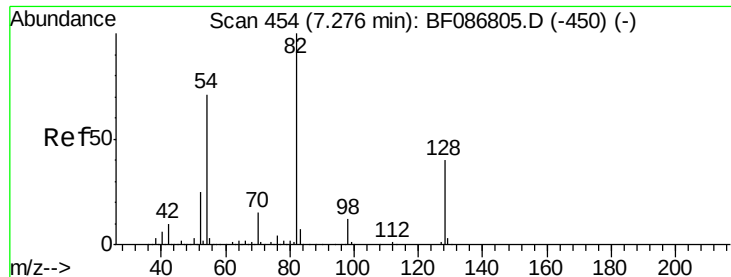
Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	886543		
71	5.3	4.8	7.2	
51	40.8	32.6	49.0	
120	20.4	16.5	24.7	





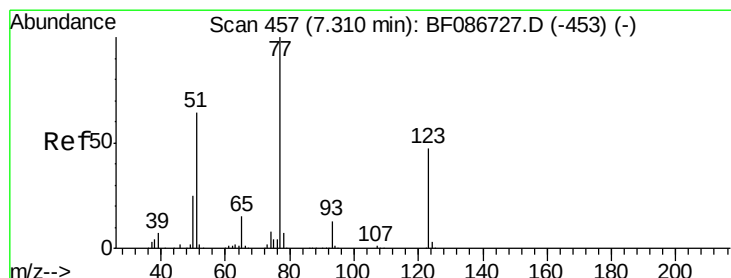
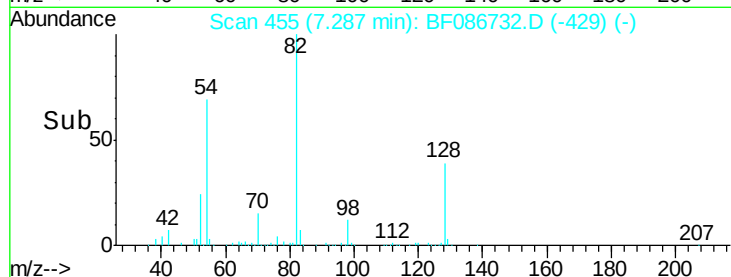
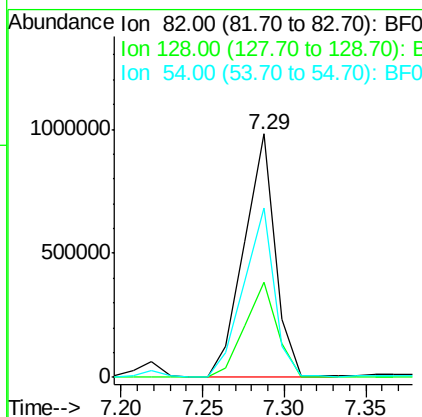
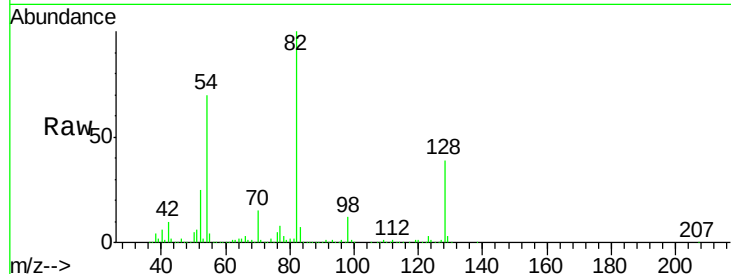
#23
 Nitrobenzene-d5
 Concen: 96.97 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	40.6	61.0#
54	69.5	38.1	57.1#

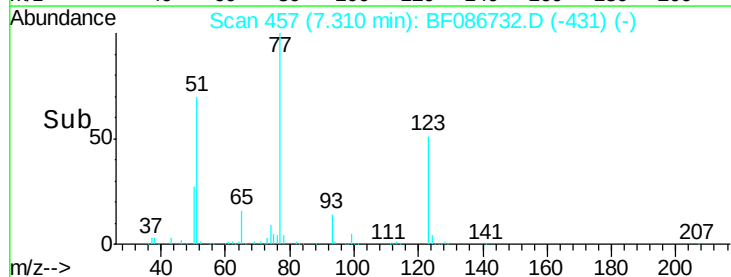
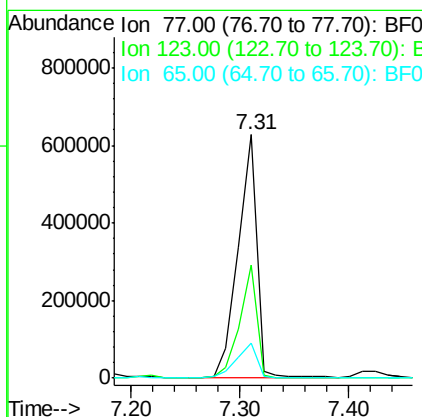
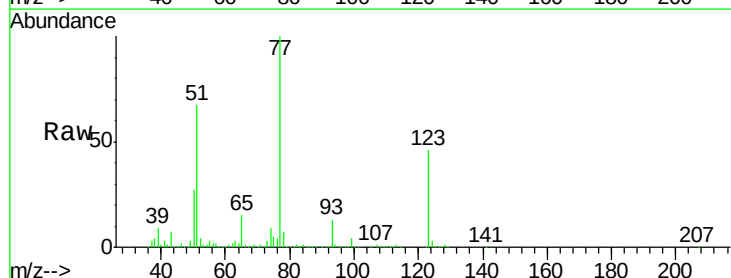
Manual Integrations
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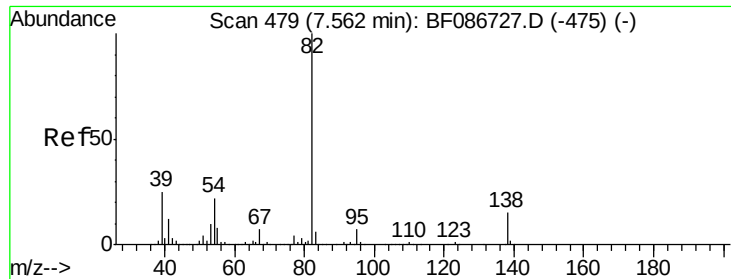
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#24
 Nitrobenzene
 Concen: 52.74 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	33.0	49.4
65	14.6	10.8	16.2





#25

Isophorone

Concen: 48.49 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tgt Ion: 82 Resp: 1215720

Ion Ratio Lower Upper

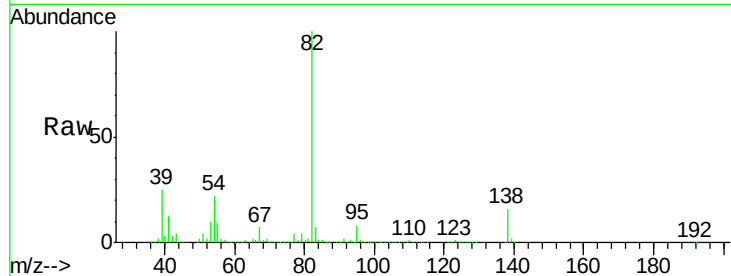
82 100

95 7.6 5.1 7.7

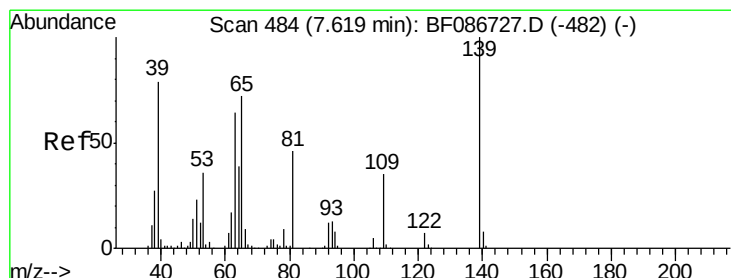
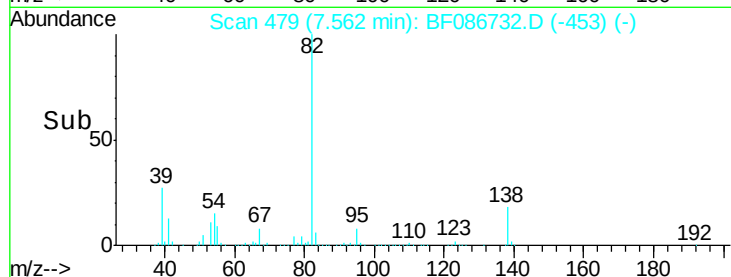
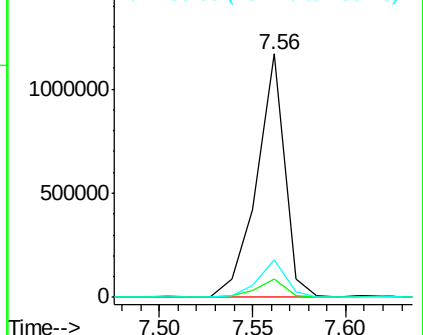
138 15.7 12.4 18.6

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.56 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

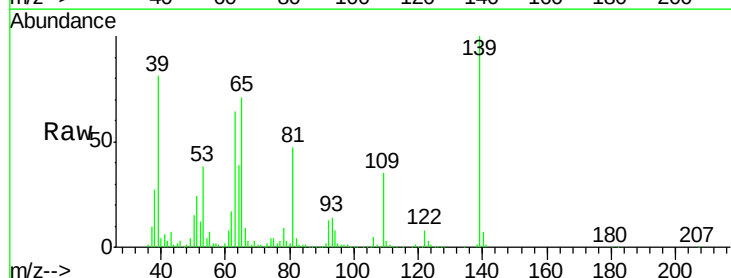
Tgt Ion: 139 Resp: 295378

Ion Ratio Lower Upper

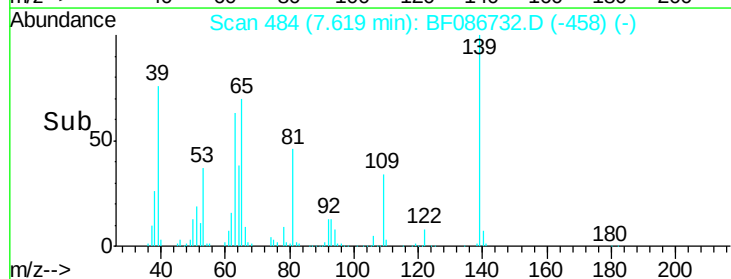
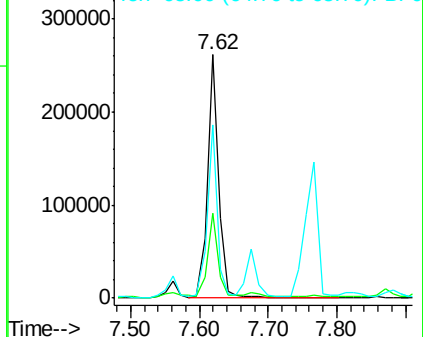
139 100

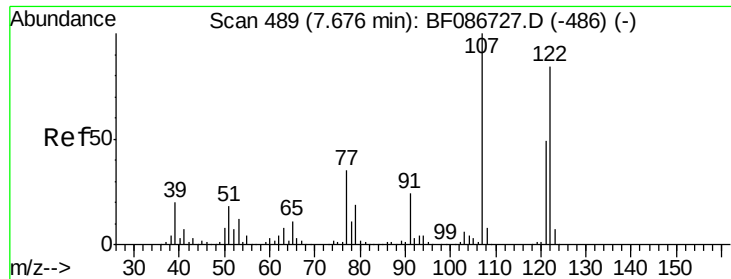
109 34.7 19.5 29.3#

65 71.0 37.5 56.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.41 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

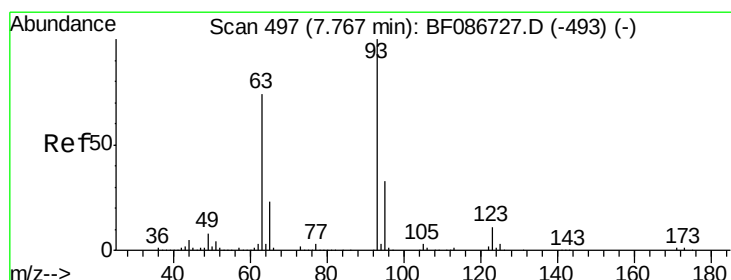
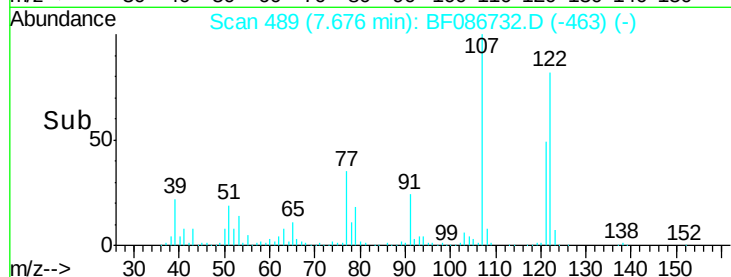
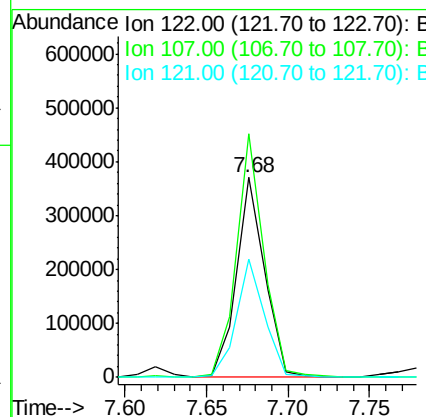
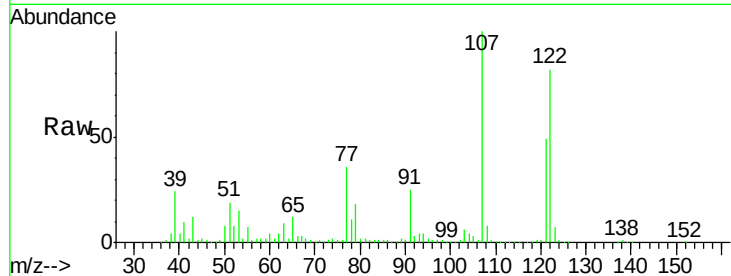
ClientSampleId :

MW-1MSD

Tgt Ion:	122	Resp:	440690
Ion Ratio	Lower	Upper	
122	100		
107	121.8	82.0	123.0
121	59.1	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 56.42 ng

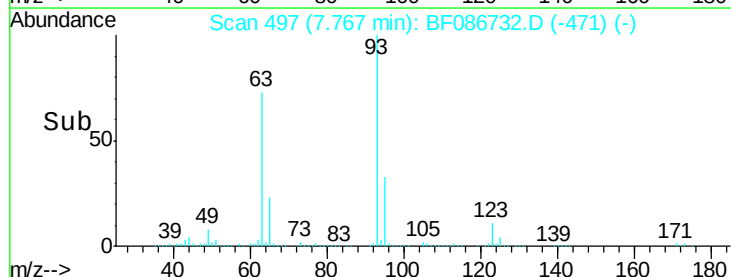
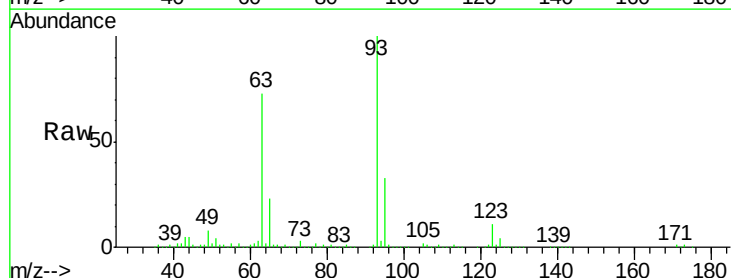
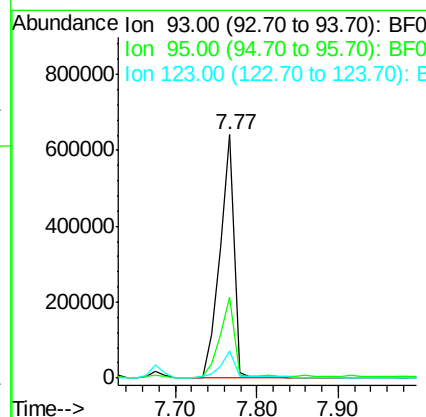
RT: 7.77 min Scan# 497

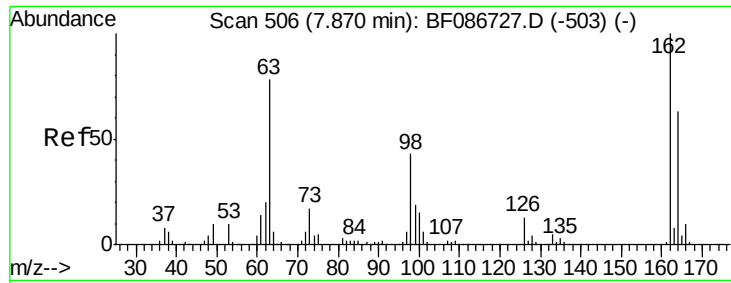
Delta R.T. -0.00 min

Lab File: BF086732.D

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Tgt Ion:	93	Resp:	778649
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.0	39.0
123	11.0	9.5	14.3





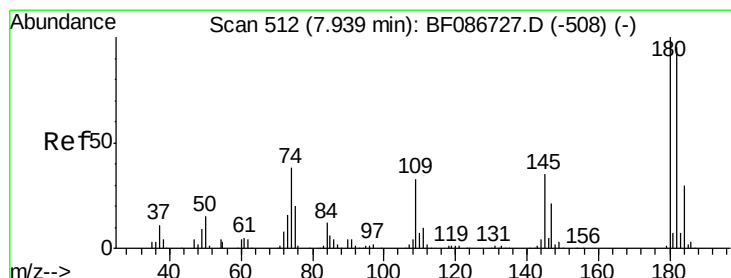
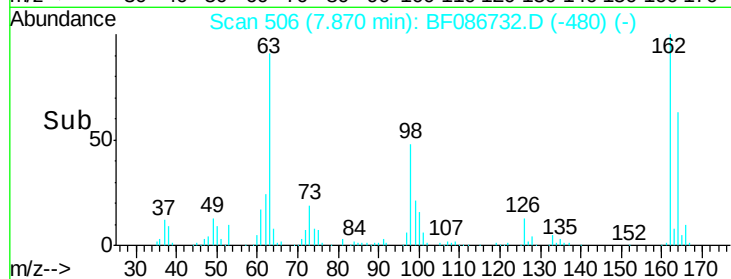
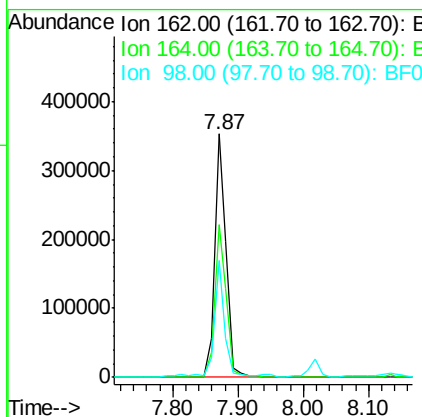
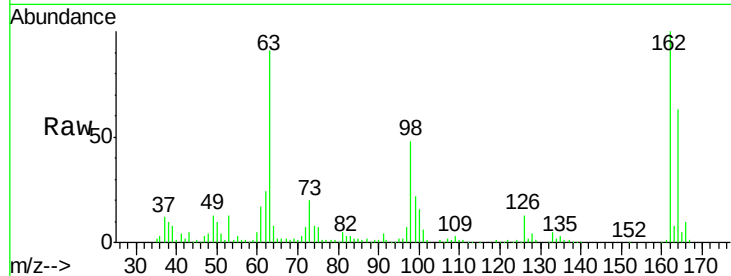
#29
 2,4-Dichlorophenol
 Concen: 46.86 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	439375		
164	62.6	42.2	82.2	
98	48.3	19.0	59.0	

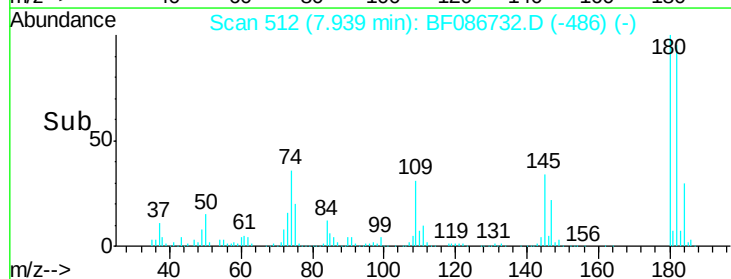
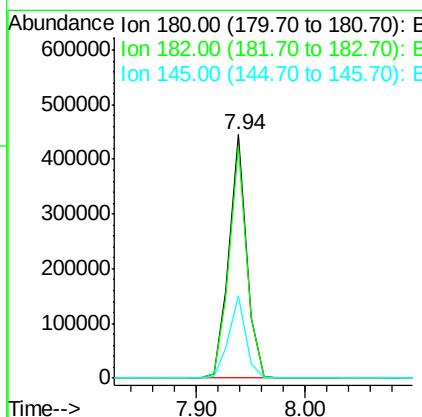
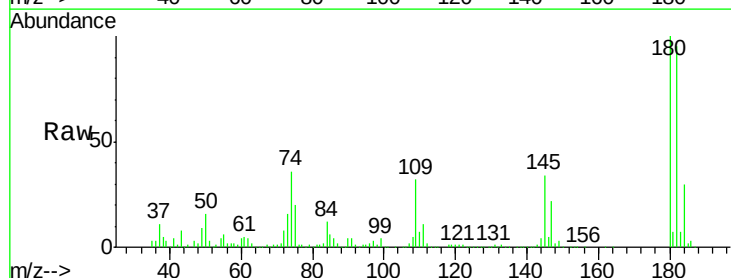
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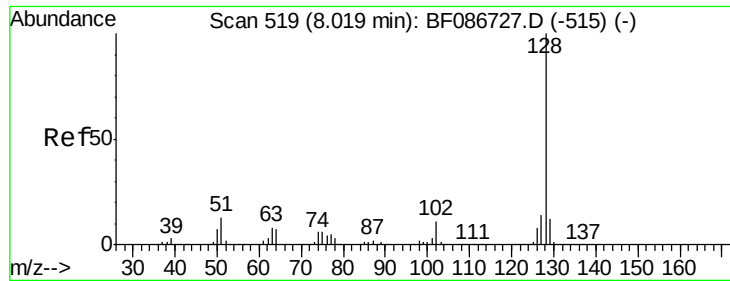
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.73 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	499337		
182	95.4	78.0	117.0	
145	34.1	24.2	36.2	





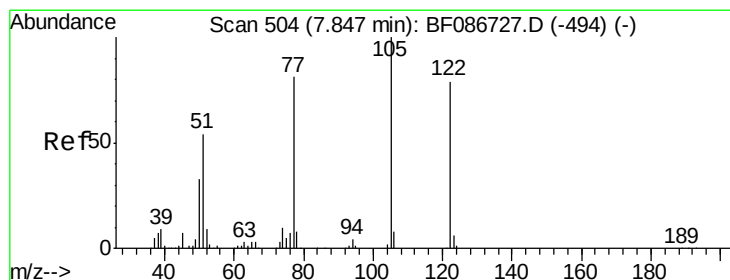
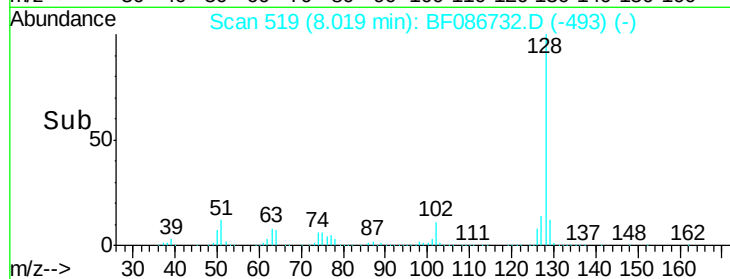
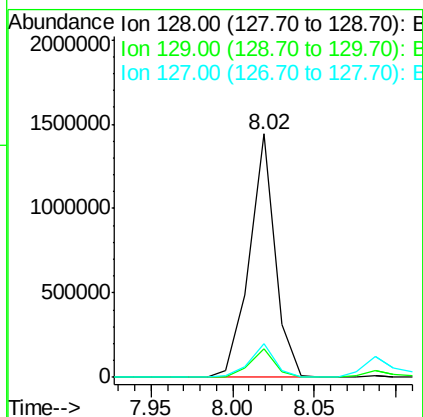
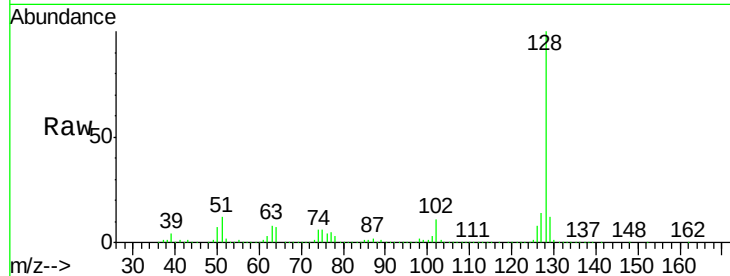
#31
Naphthalene
Concen: 44.73 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	13.0
127	13.9	10.8	16.2

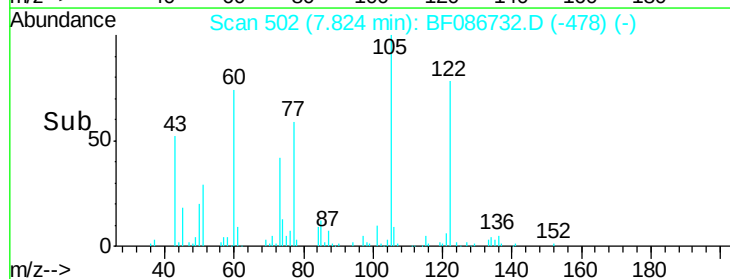
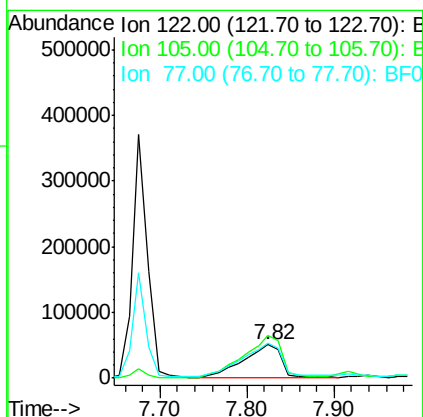
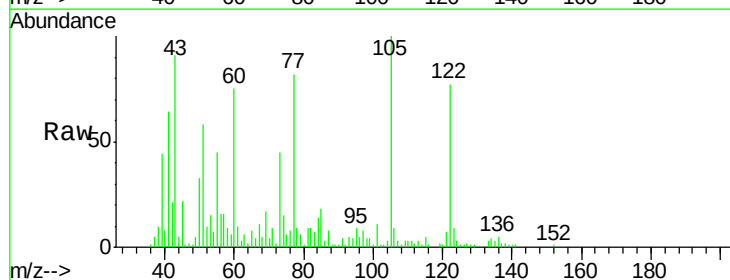
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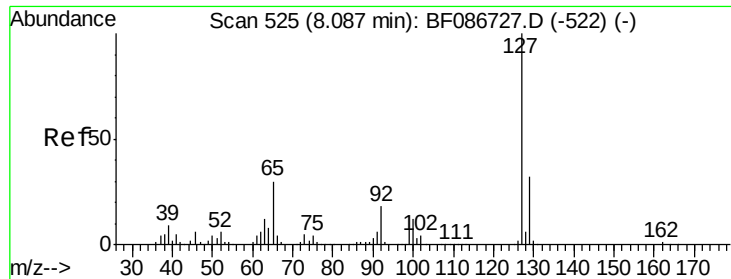
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#32
Benzoic acid
Concen: 38.44 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	92.6	132.6
77	105.7	60.0	100.0





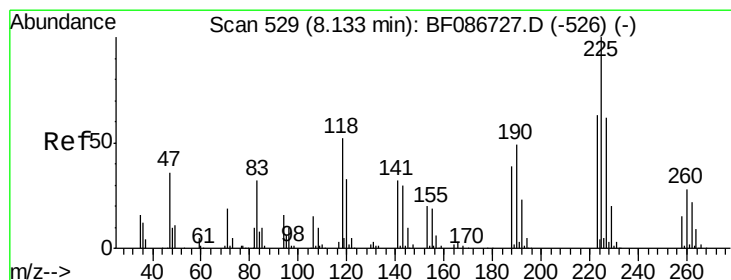
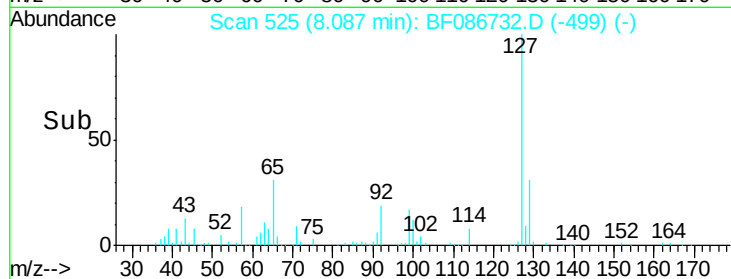
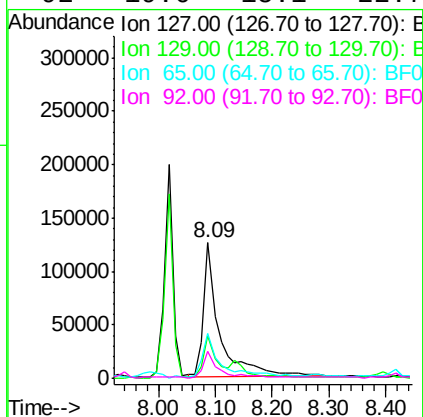
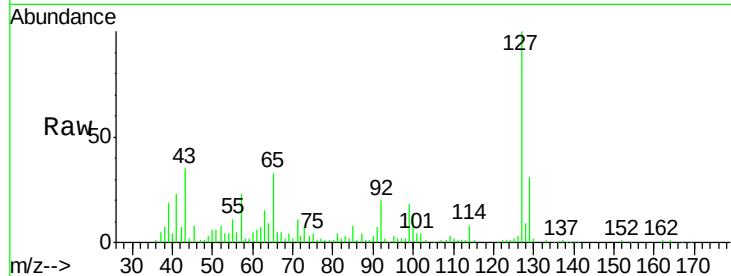
#33
4-Chloroaniline
Concen: 17.51 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	239851		
129	31.3	26.2	39.4	
65	32.9	23.0	34.4	
92	19.6	15.1	22.7	

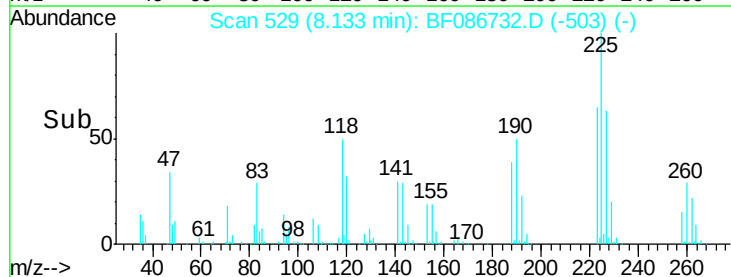
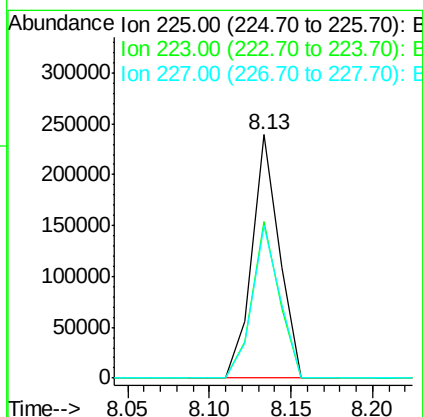
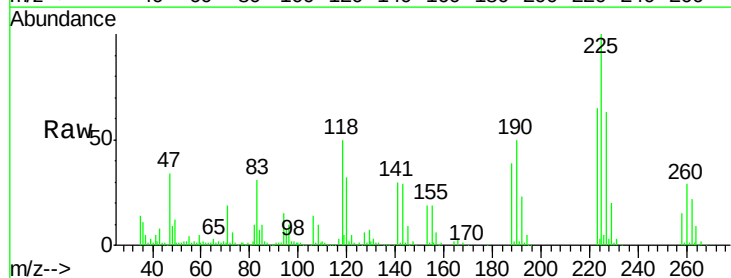
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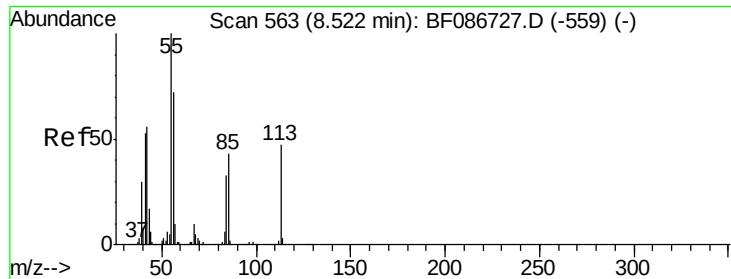
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#34
Hexachlorobutadiene
Concen: 46.85 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	278226		
223	64.5	51.5	77.3	
227	63.0	52.2	78.2	





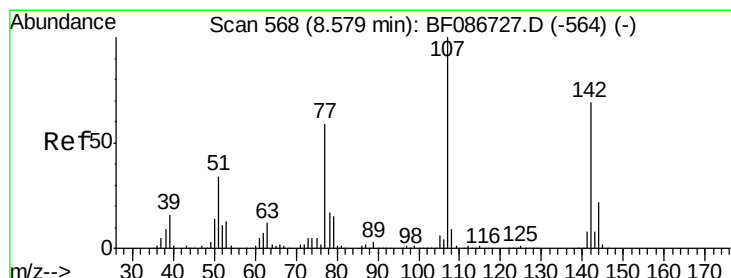
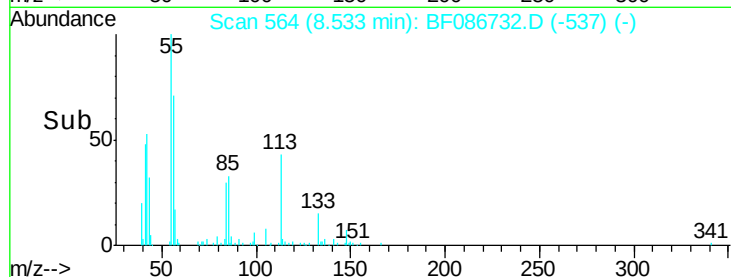
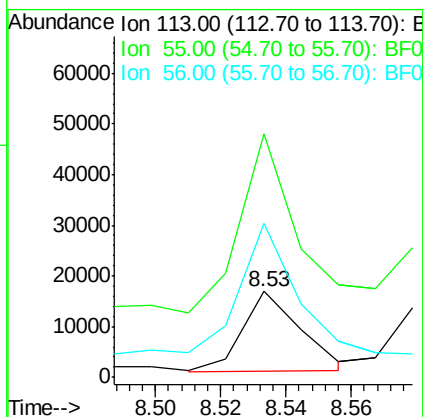
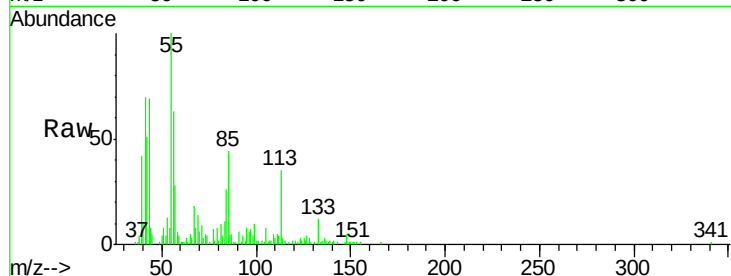
#35
 Caprolactam
 Concen: 6.69 ng
 RT: 8.53 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	19428		
55	284.3	162.0	202.0#	
56	179.2	115.3	155.3#	

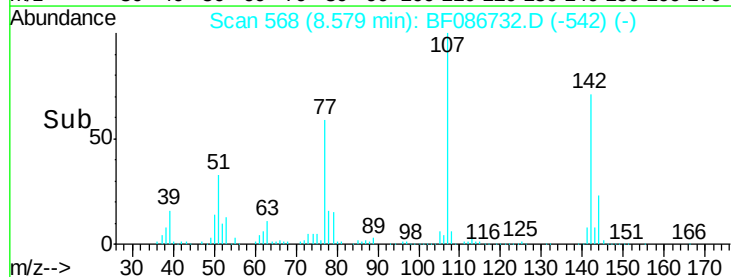
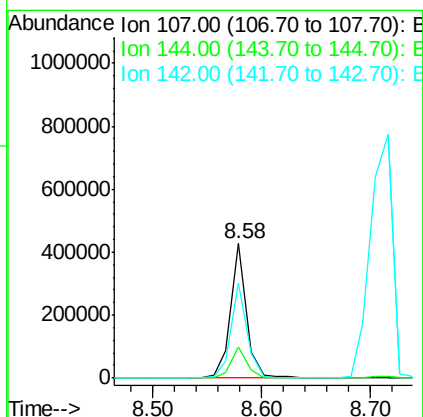
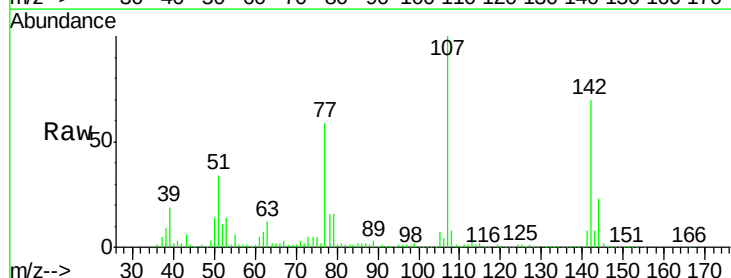
Manual Integrations
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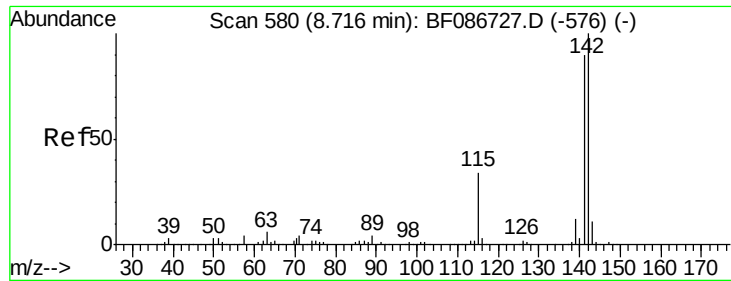
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#36
 4-Chloro-3-methylphenol
 Concen: 40.01 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	428059		
144	22.9	20.7	31.1	
142	70.4	63.2	94.8	





#37

2-Methylnaphthalene

Concen: 52.79 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF086732.D

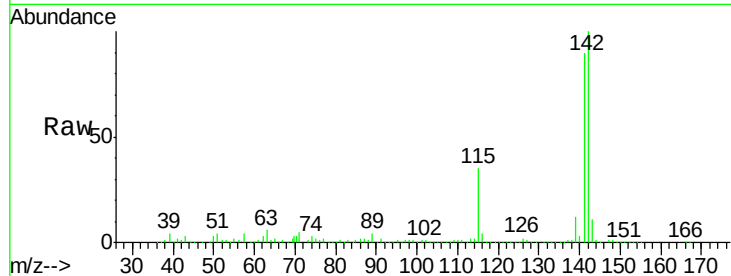
Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1MSD



Tgt Ion:142 Resp: 1101016

Ion Ratio Lower Upper

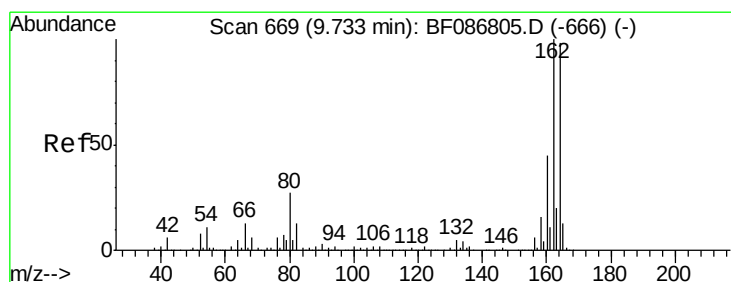
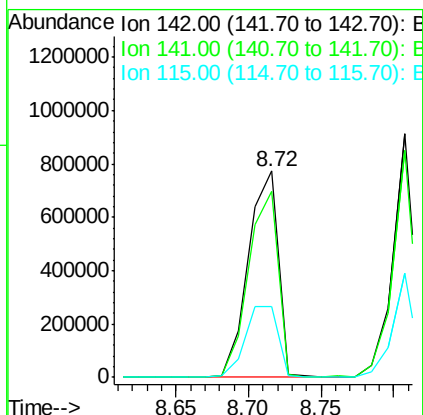
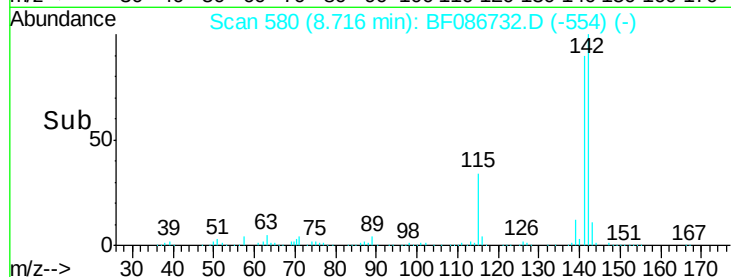
142 100

141 89.9 71.0 106.6

115 34.5 26.6 39.8

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#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

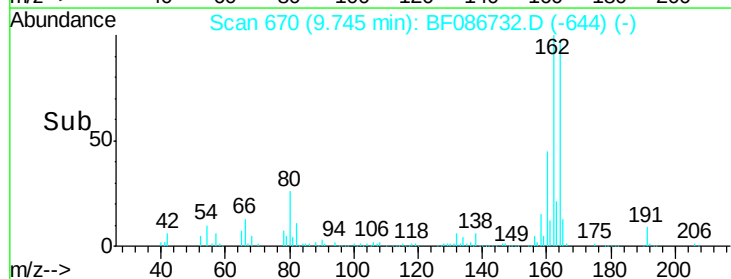
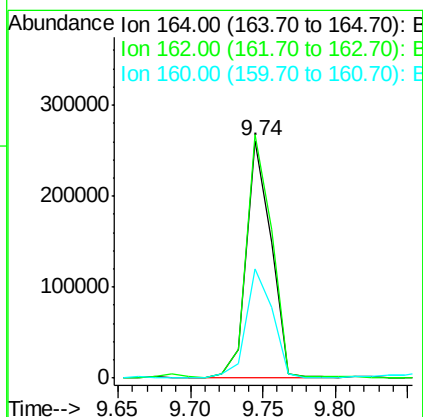
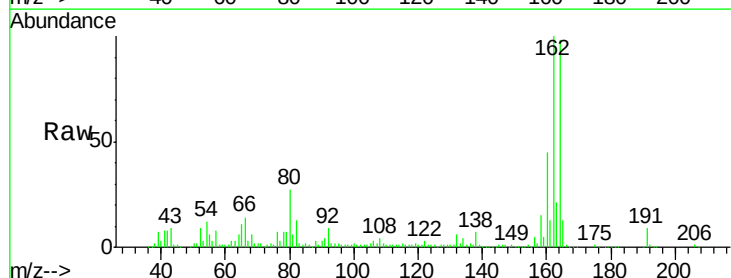
Tgt Ion:164 Resp: 308728

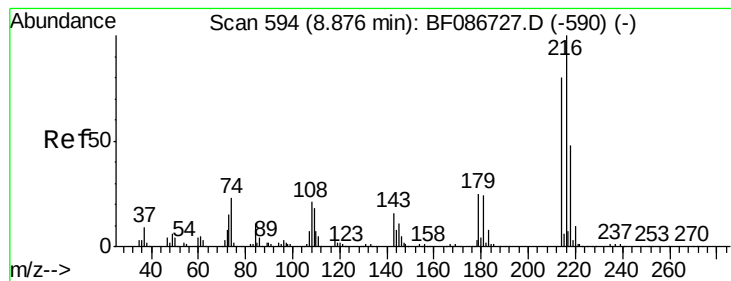
Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

160 46.0 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.13 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

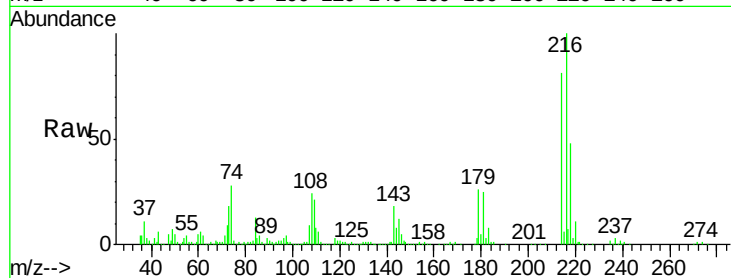
ClientSampleId :

MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	430101		
214	80.1	62.6	93.8	
179	25.2	18.2	27.4	
108	29.1	17.5	26.3	

Manual Integrations
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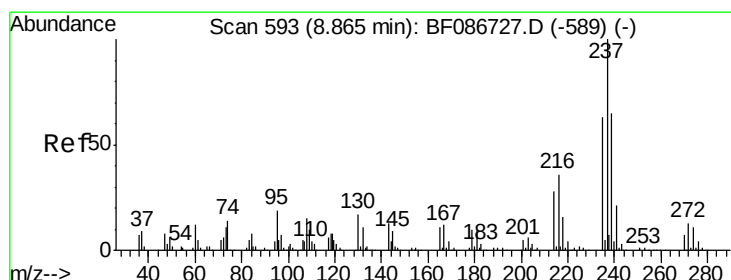
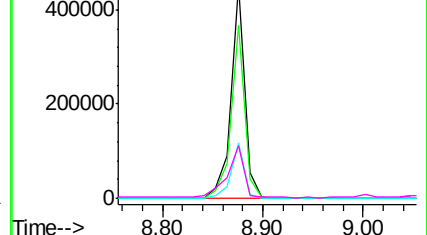
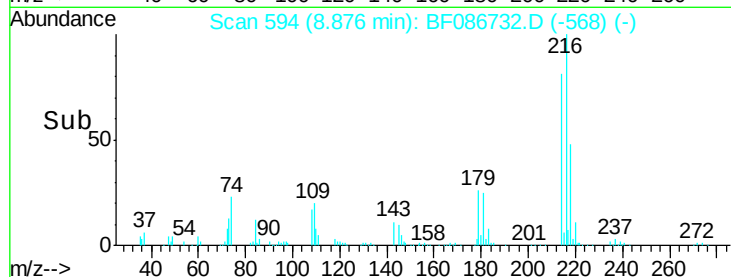


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 128.44 ng

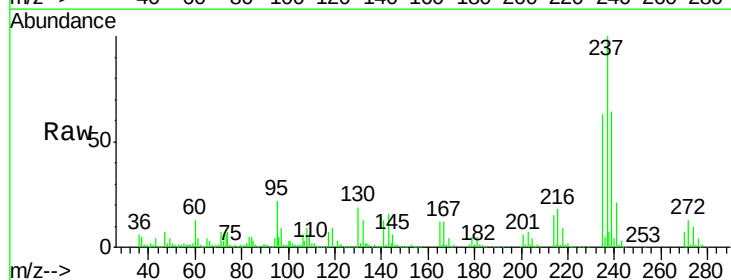
RT: 8.86 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

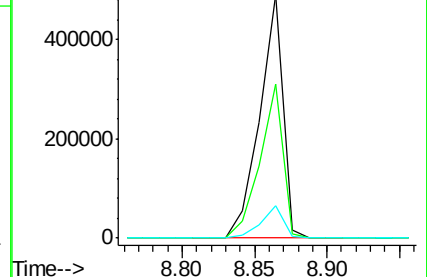
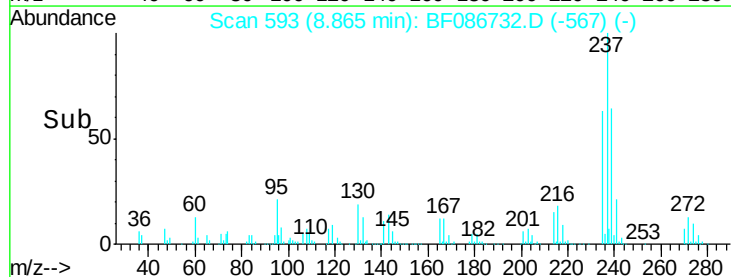
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	545612		
235	63.1	47.2	87.2	
272	13.1	0.0	31.1	

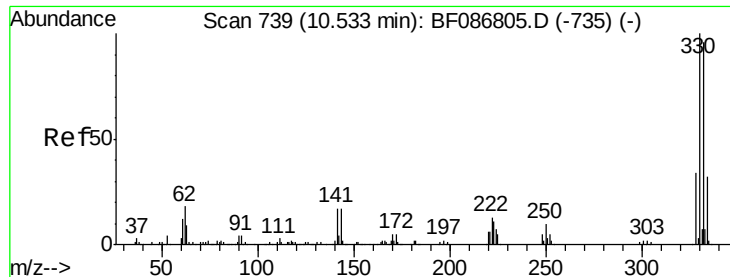


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





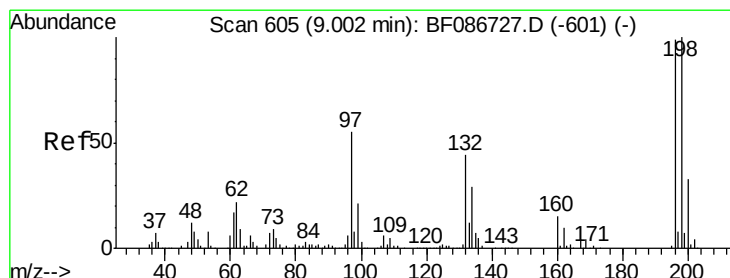
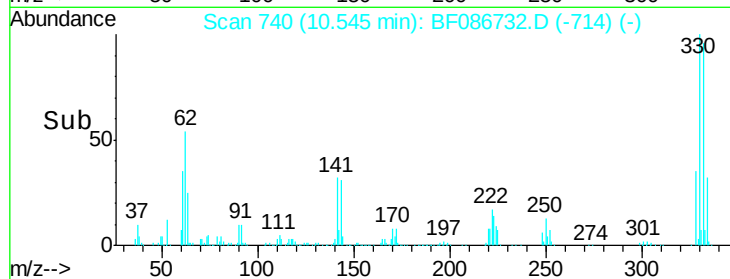
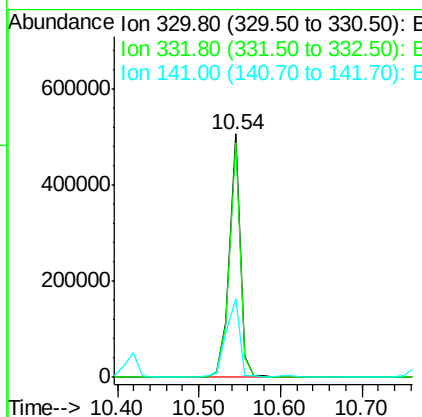
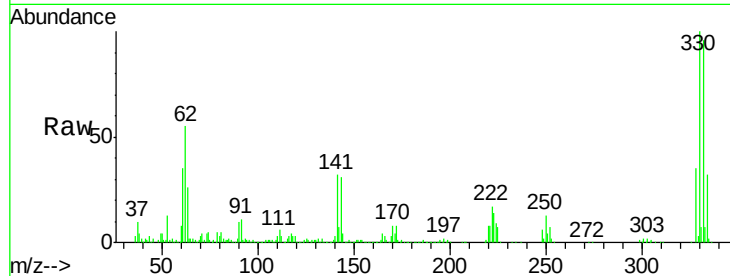
#41
 2,4,6-Tribromophenol
 Concen: 155.89 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion:	330	Resp:	470814
Ion Ratio	Lower	Upper	
330	100		
332	96.6	79.0	118.4
141	39.0	31.2	46.8

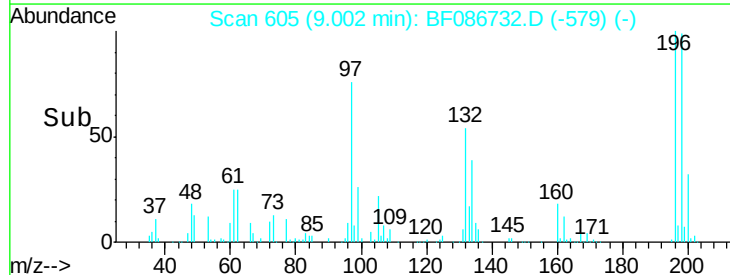
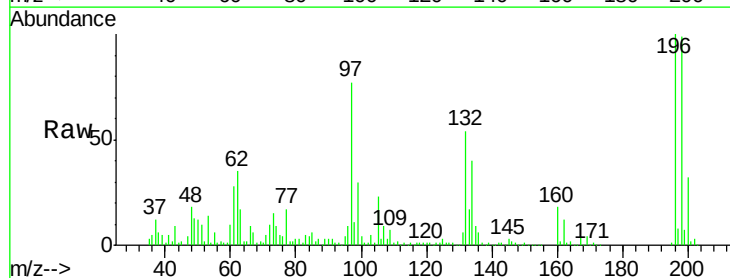
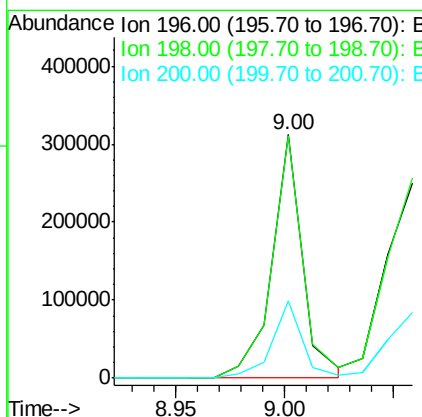
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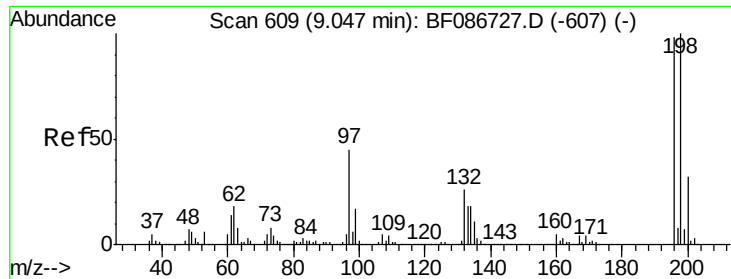
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 54.45 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion:	196	Resp:	309436
Ion Ratio	Lower	Upper	
196	100		
198	99.3	74.7	112.1
200	31.9	23.8	35.6





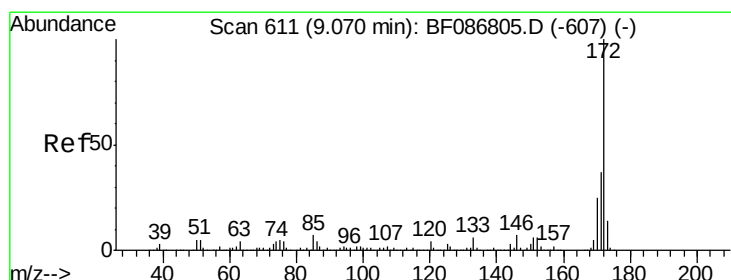
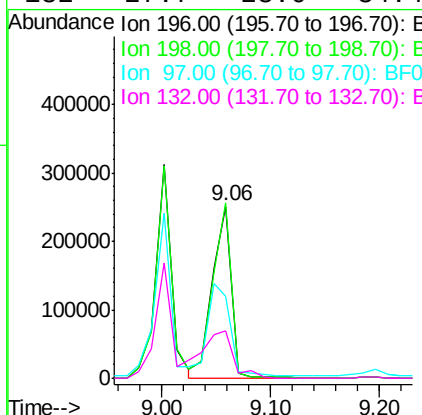
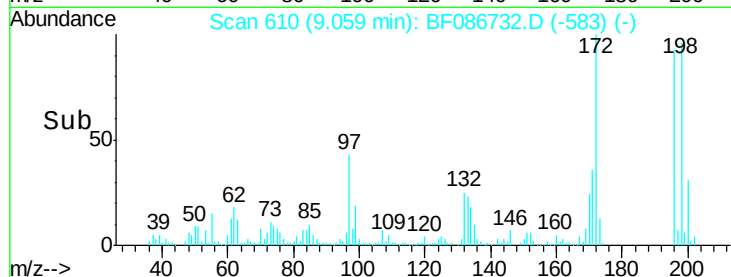
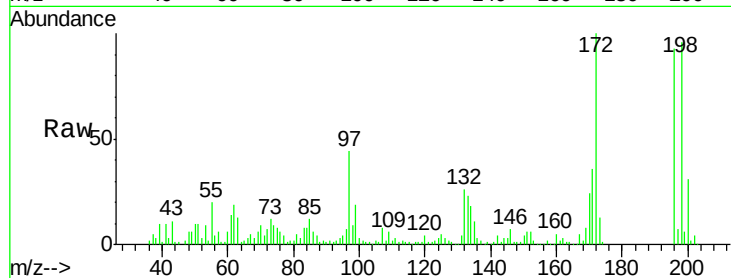
#43
 2,4,5-Trichlorophenol
 Concen: 51.68 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	306777		
198	102.6	77.5	116.3	
97	47.5	34.8	52.2	
132	27.7	23.0	34.4	

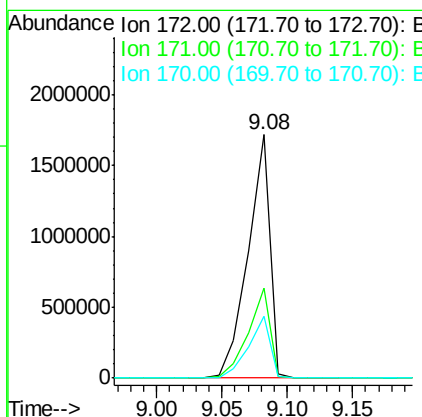
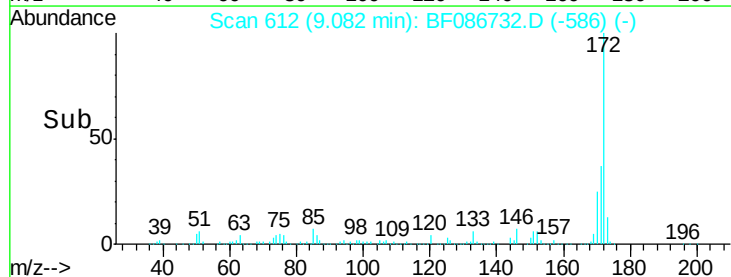
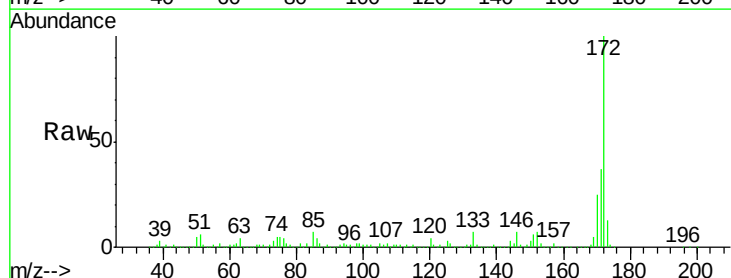
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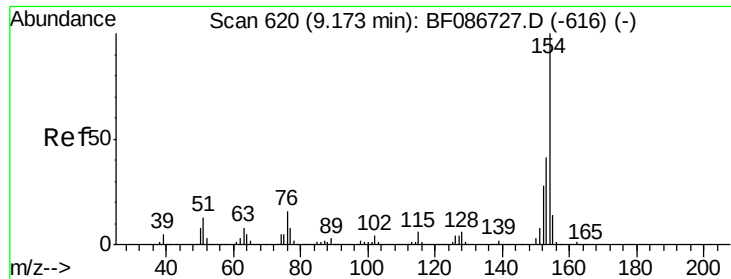
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 107.47 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2024050		
171	36.8	29.0	43.6	
170	25.3	19.8	29.8	





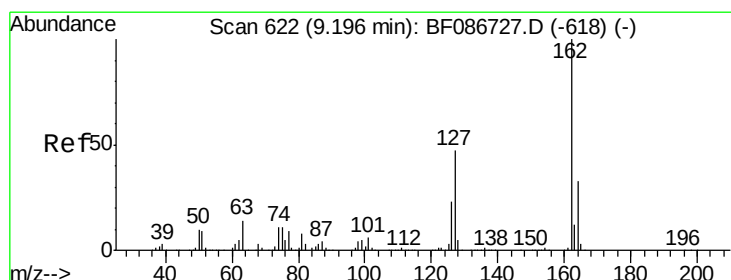
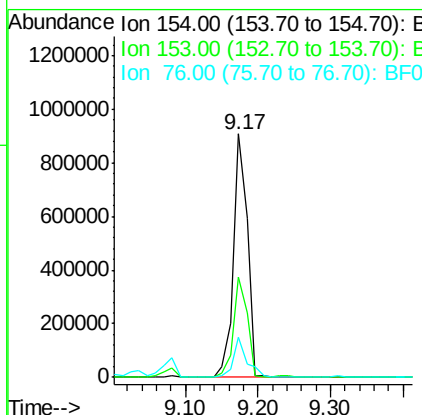
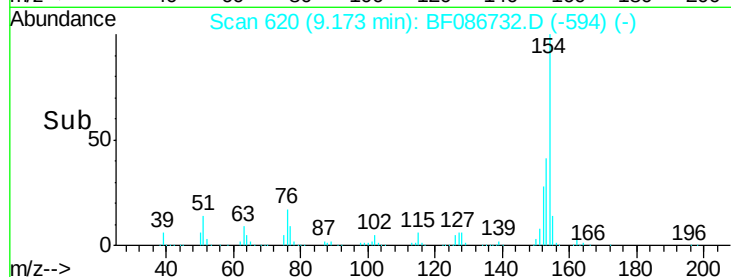
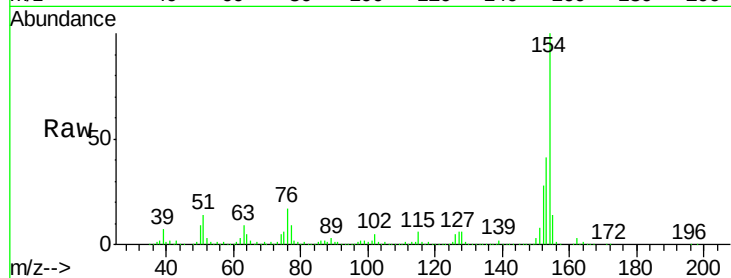
#45
 1,1'-Biphenyl
 Concen: 48.14 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.3	60.3
76	16.6	0.0	30.2

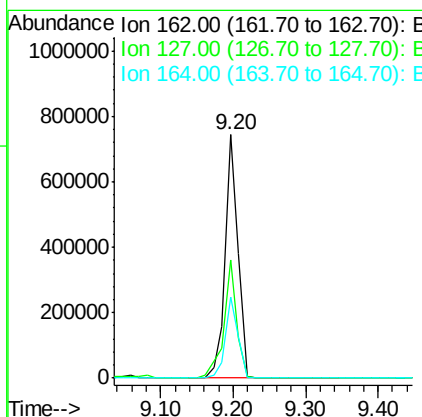
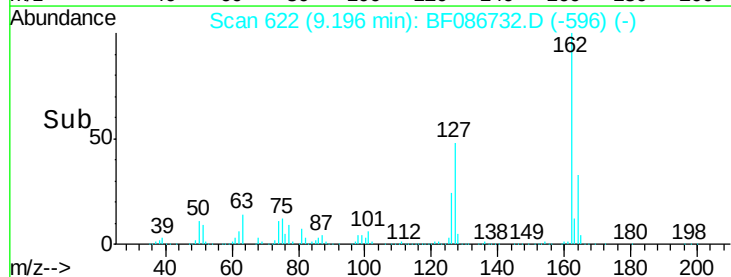
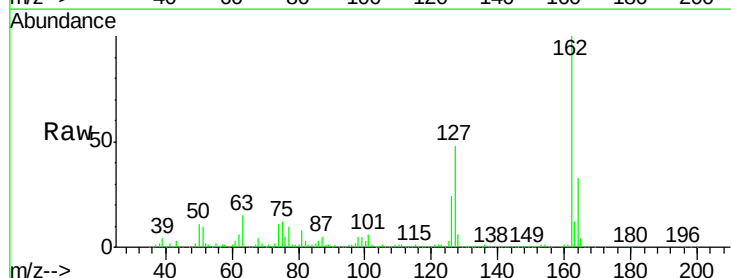
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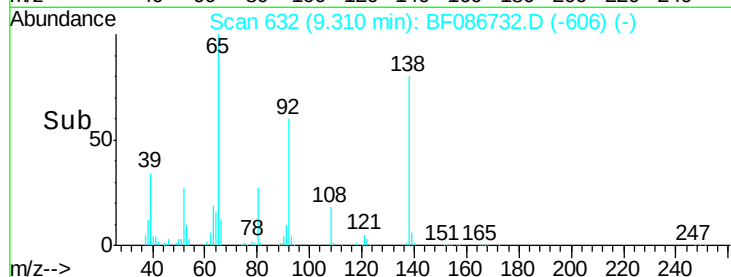
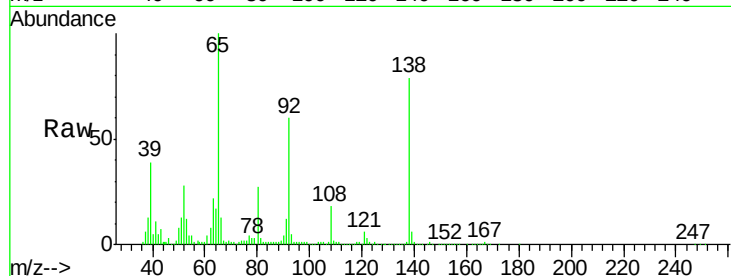
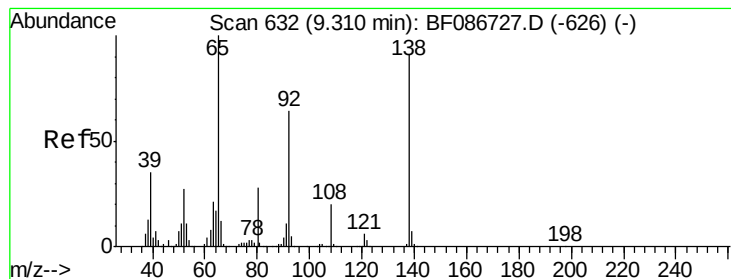
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#46
 2-Chloronaphthalene
 Concen: 46.89 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.3	31.8	47.6#
164	33.0	27.0	40.6





#47

2-Nitroaniline

Concen: 49.13 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion:	65	Resp:	340200
Ion Ratio	Lower	Upper	
65	100		
92	59.7	57.4	86.2
138	79.0	90.1	135.1#

Instrument :

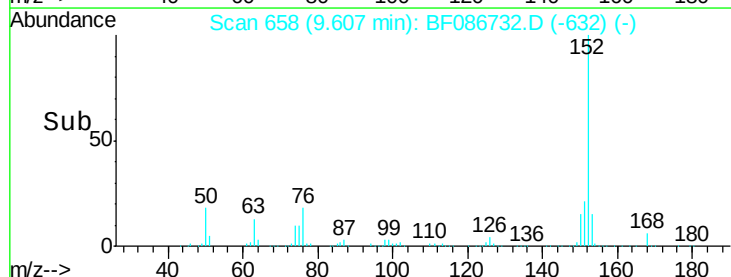
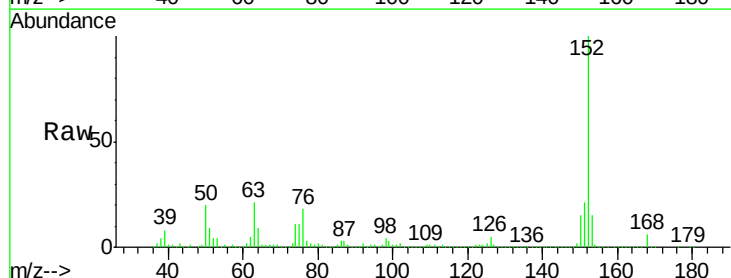
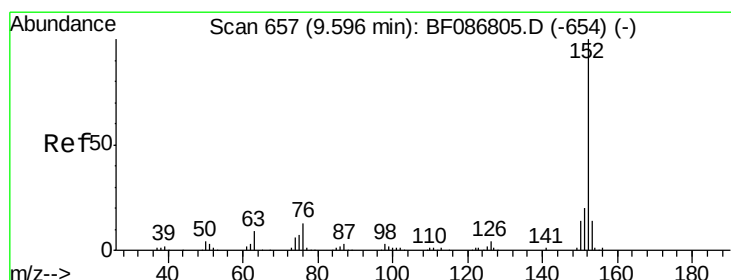
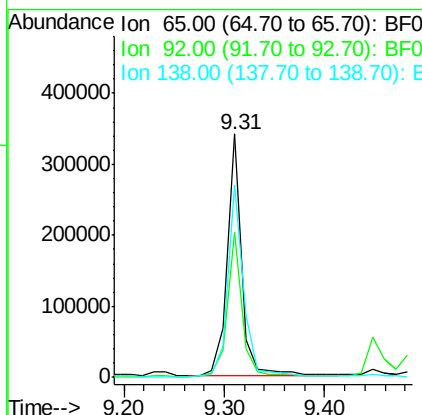
BNA_F

ClientSampleId :

MW-1MSD

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#48

Acenaphthylene

Concen: 48.77 ng

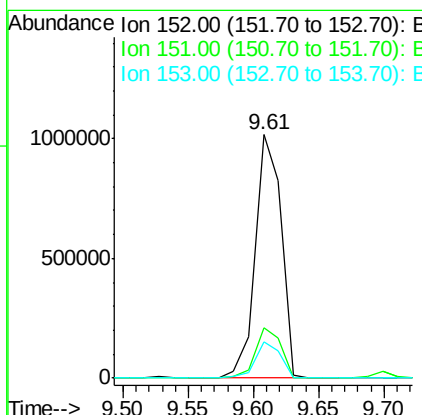
RT: 9.61 min Scan# 658

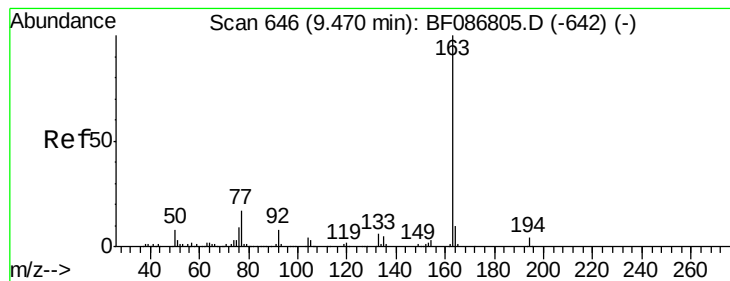
Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion:	152	Resp:	1410160
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	14.7	10.9	16.3





#49

Dimethylphthalate

Concen: 46.80 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tgt Ion:163 Resp: 1077115

Ion Ratio Lower Upper

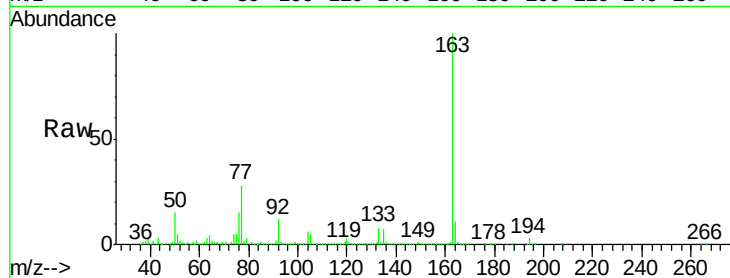
163 100

194 3.1 2.6 4.0

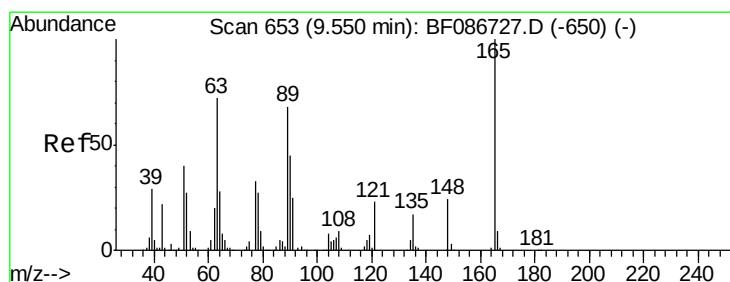
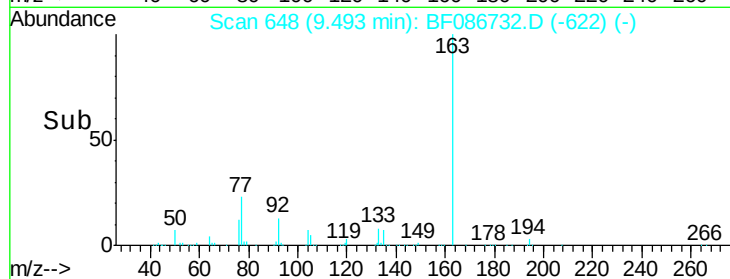
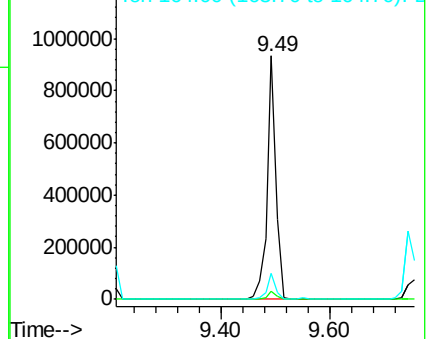
164 10.8 8.2 12.4

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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: 45.60 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

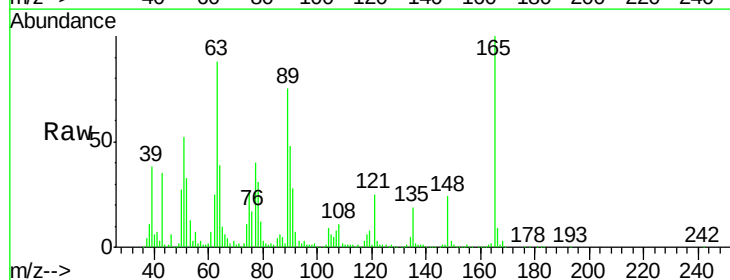
Tgt Ion:165 Resp: 225214

Ion Ratio Lower Upper

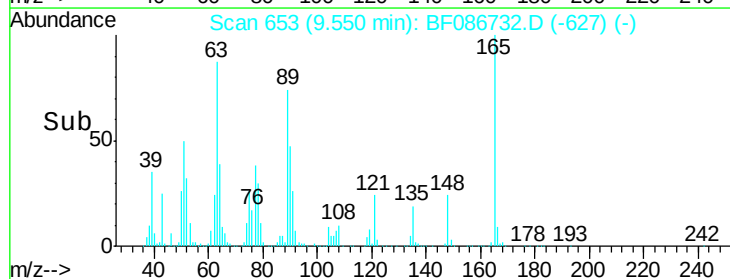
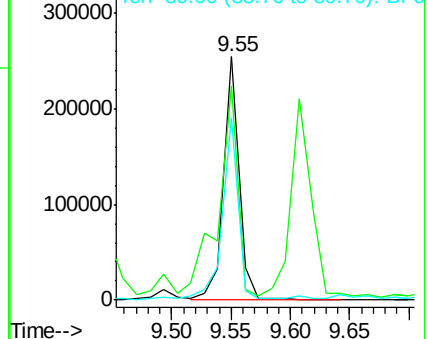
165 100

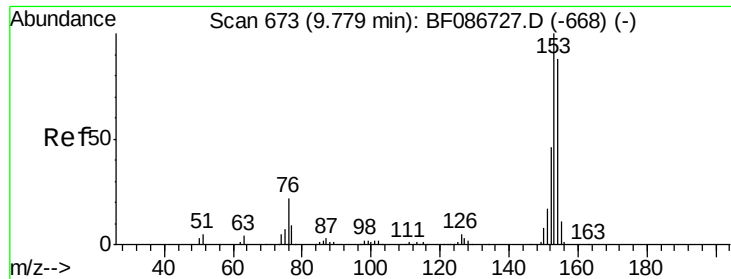
63 87.8 51.8 77.8#

89 74.7 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: 47.02 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

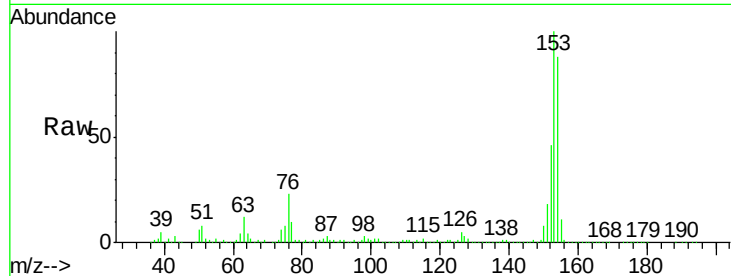
ClientSampleId :

MW-1MSD

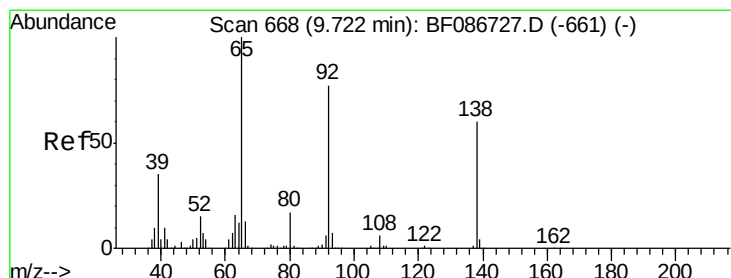
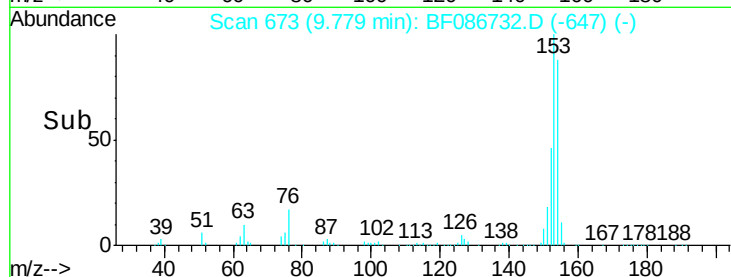
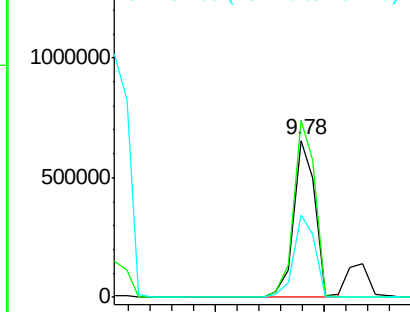
Tgt Ion:	154	Resp:	896750
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.8	134.6
152	52.5	43.4	65.0

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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: 22.93 ng

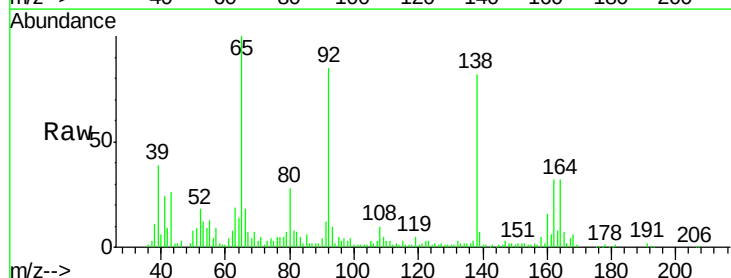
RT: 9.73 min Scan# 669

Delta R.T. 0.01 min

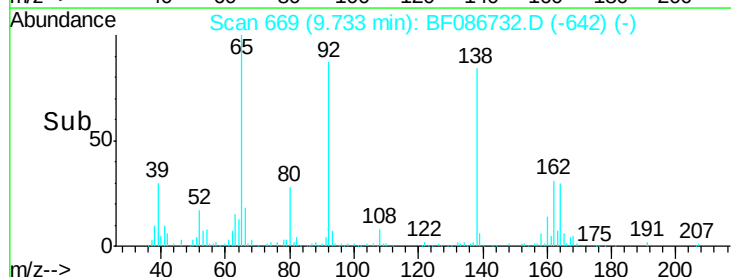
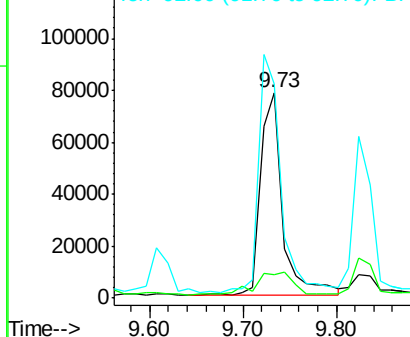
Lab File: BF086732.D

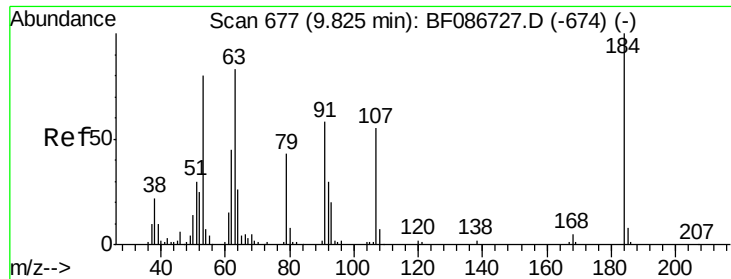
Acq: 6 May 2016 19:06

Tgt Ion:	138	Resp:	128778
Ion Ratio	Lower	Upper	
138	100		
108	11.6	7.8	11.6#
92	103.7	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





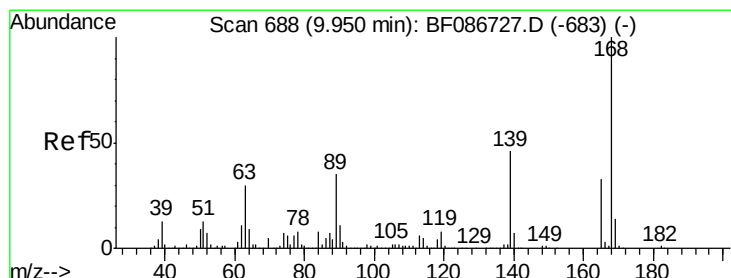
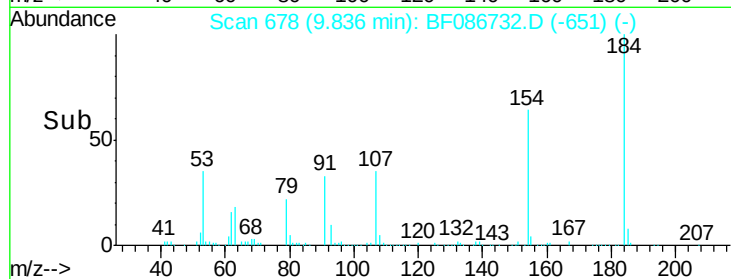
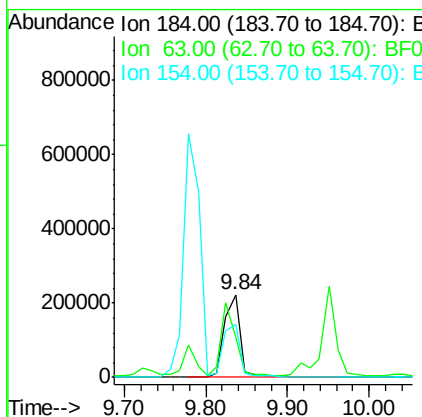
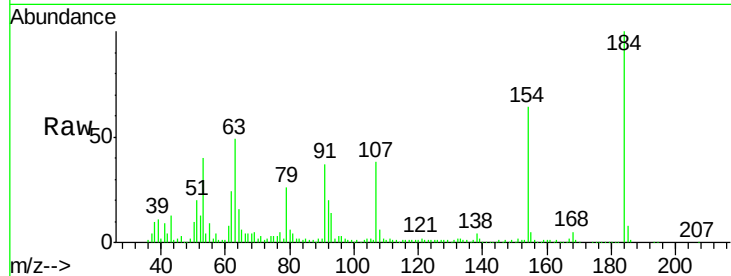
#53
 2,4-Dinitrophenol
 Concen: 115.38 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	300419		
63	49.2	55.8	83.8#	
154	64.1	62.4	93.6	

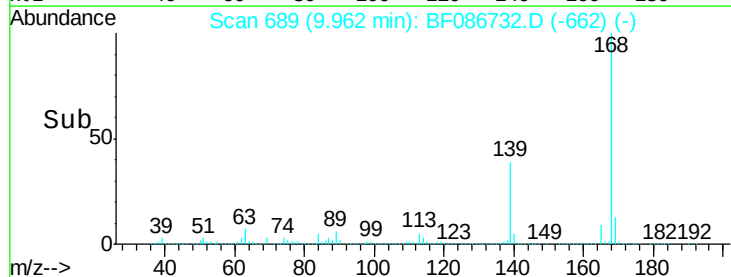
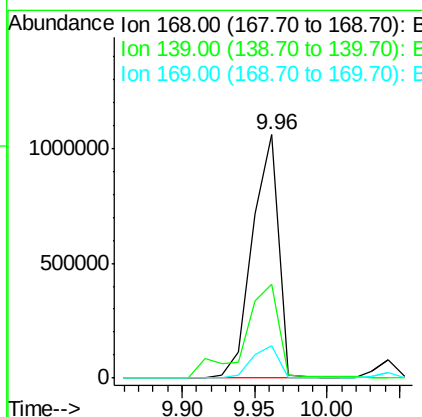
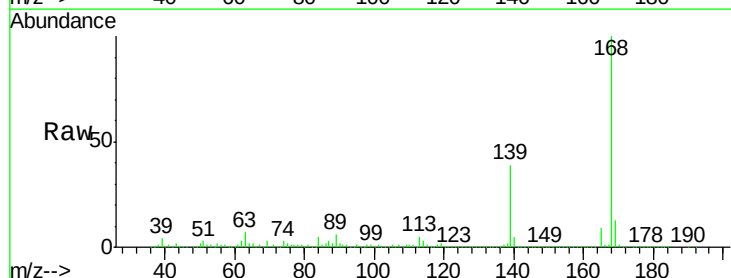
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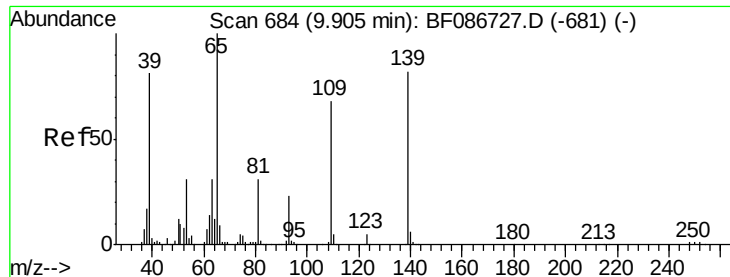
Sohil
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#54
 Dibenzofuran
 Concen: 55.67 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1316215		
139	38.8	31.4	47.0	
169	13.2	10.7	16.1	





#55

4-Nitrophenol

Concen: 32.87 ng m

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tgt Ion:139 Resp: 107609
Ion Ratio Lower Upper

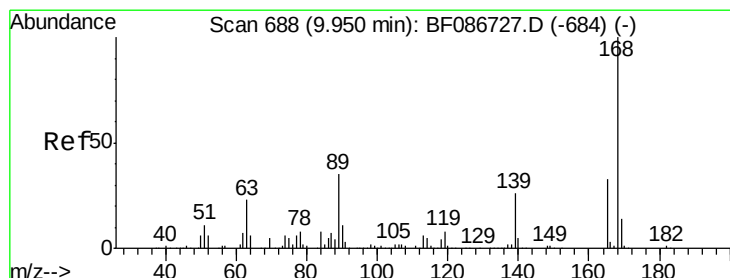
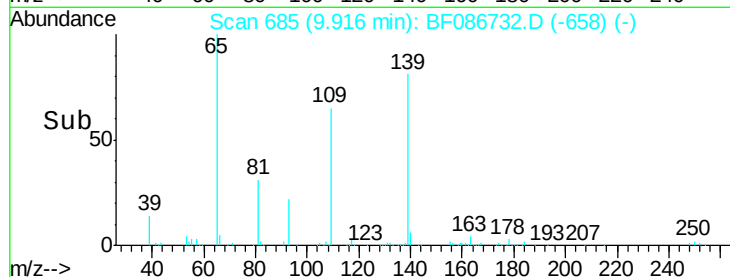
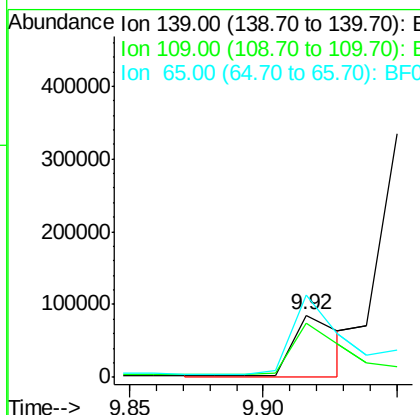
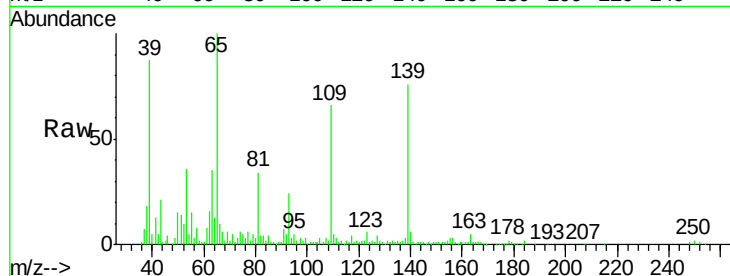
139 100

109 87.0 36.9 76.9#

65 132.1 64.0 104.0#

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#56

2,4-Dinitrotoluene

Concen: 43.91 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

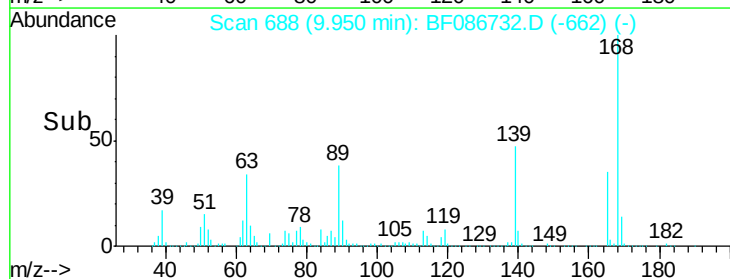
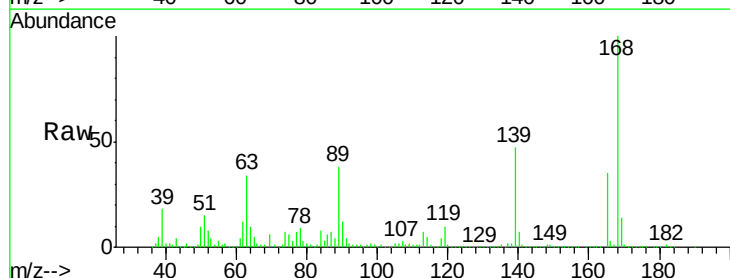
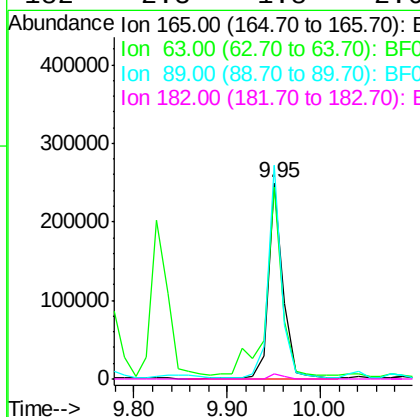
Tgt Ion:165 Resp: 268746
Ion Ratio Lower Upper

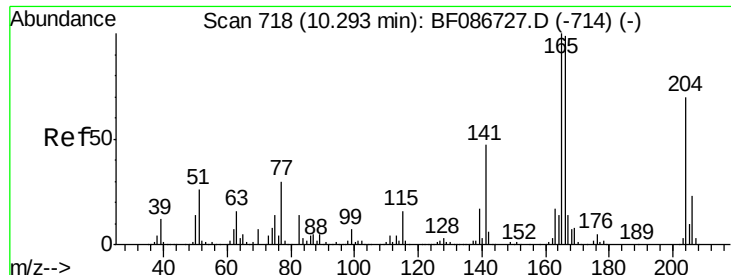
165 100

63 98.2 44.3 66.5#

89 108.9 70.0 105.0#

182 2.3 1.8 2.6





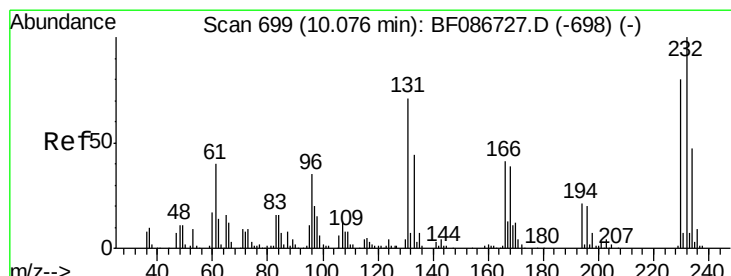
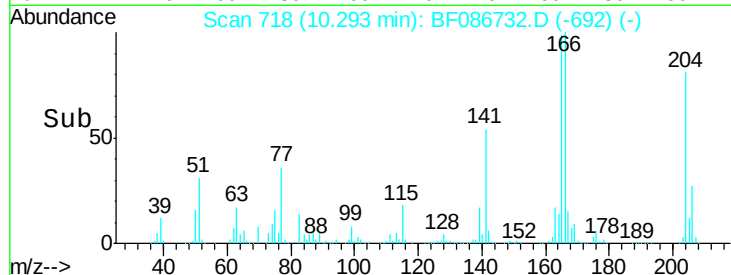
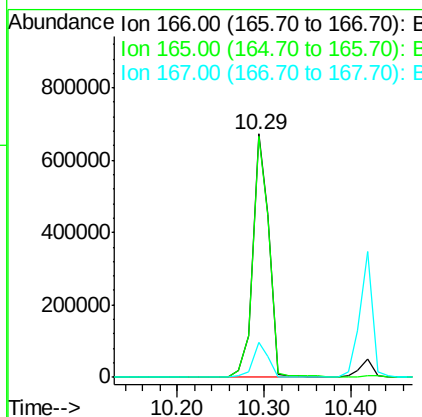
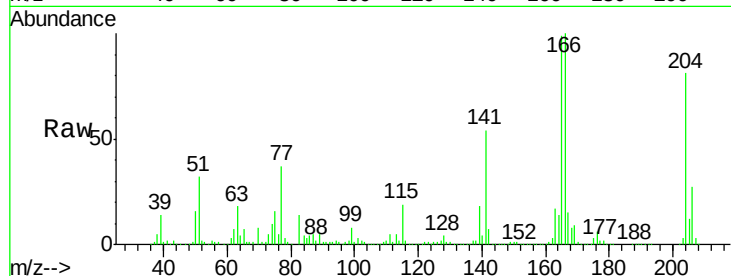
#57
 Fluorene
 Concen: 45.72 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	875912		
165	99.0	79.0	118.6	
167	14.6	10.6	15.8	

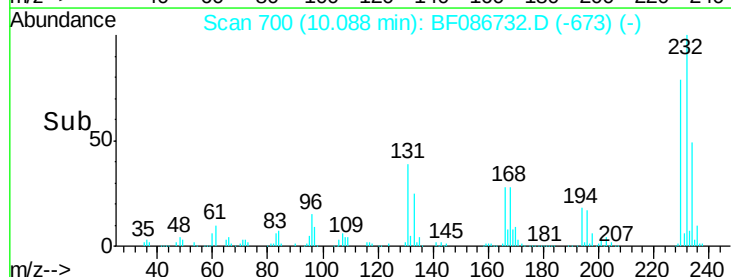
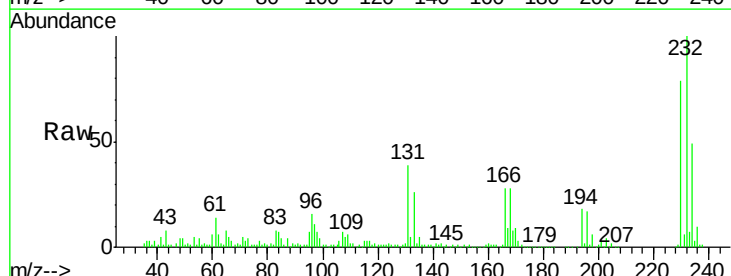
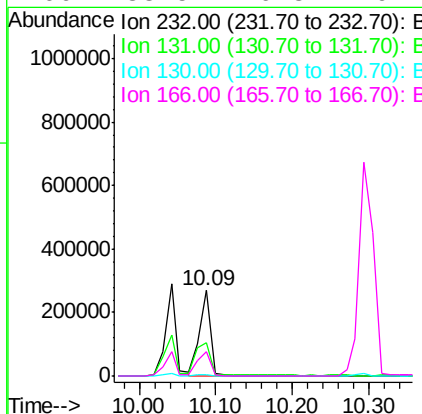
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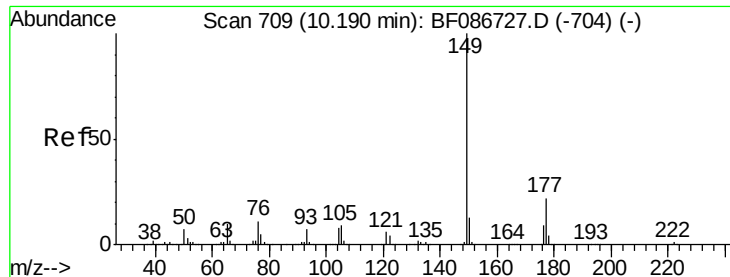
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.75 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	269226		
131	52.1	41.9	62.9	
130	2.6	2.2	3.4	
166	33.5	26.8	40.2	





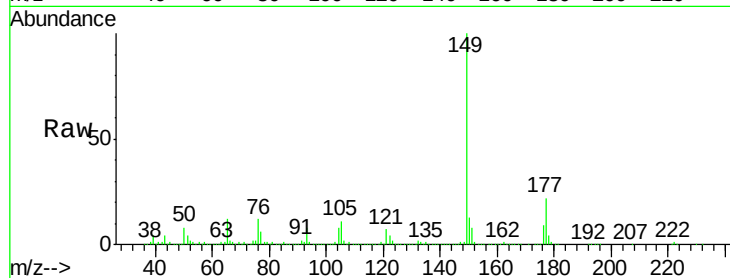
#59
Diethylphthalate
Concen: 54.52 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

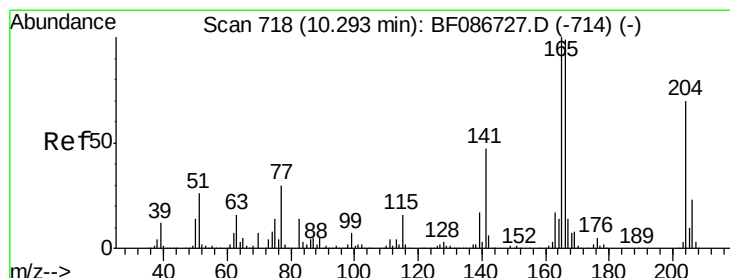
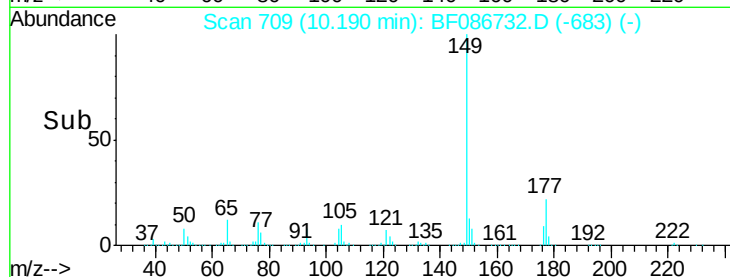
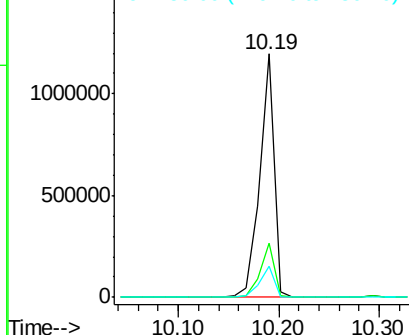
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.6	24.8
150	12.7	10.0	15.0

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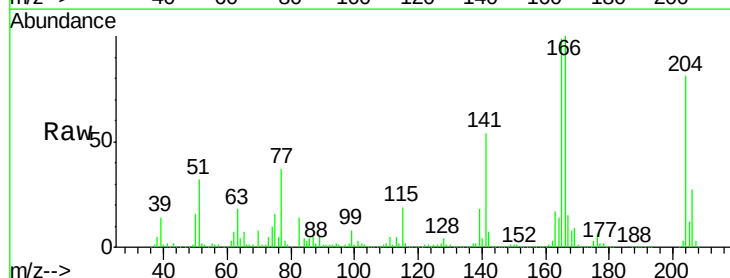


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

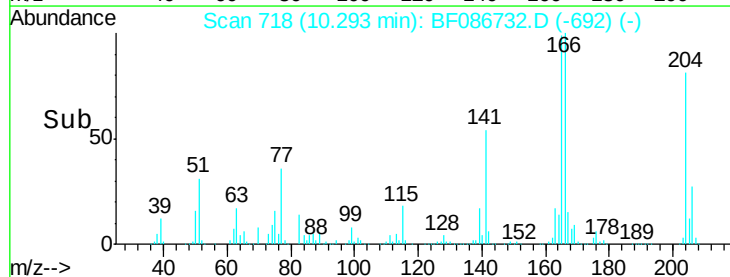
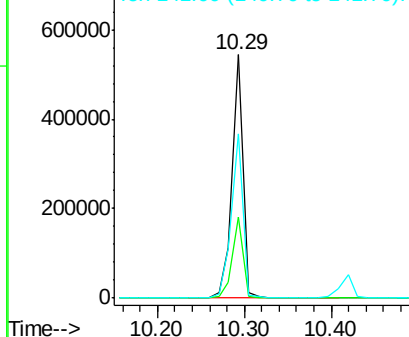


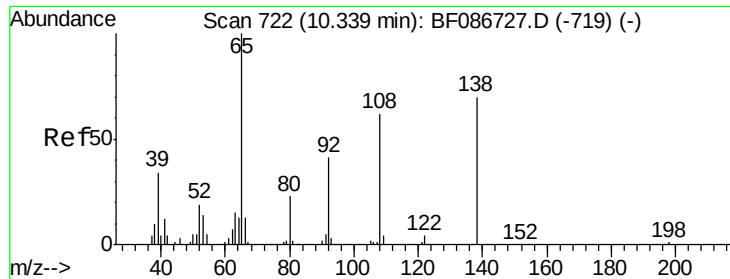
#60
4-Chlorophenyl-phenylether
Concen: 51.97 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.4	38.0
141	67.3	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: 20.04 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

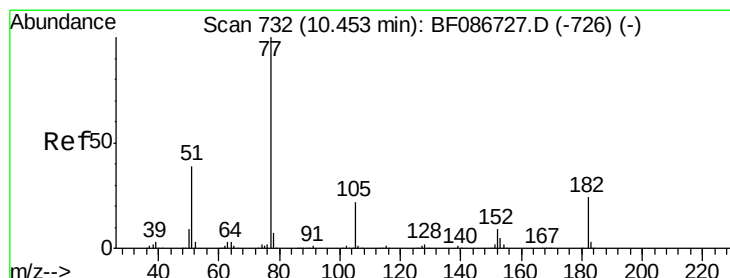
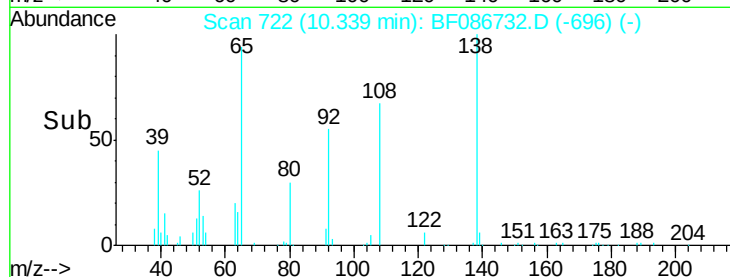
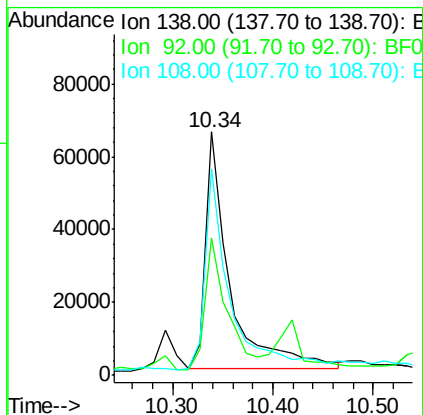
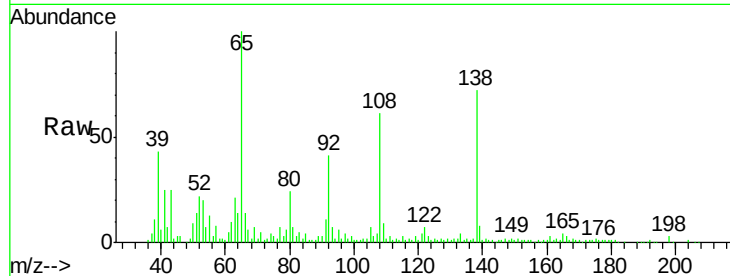
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Tgt Ion:	138	Resp:	108135
Ion Ratio	Lower	Upper	
138	100		
92	56.6	24.7	64.7
108	85.1	37.4	77.4#



#62

Azobenzene

Concen: 58.28 ng

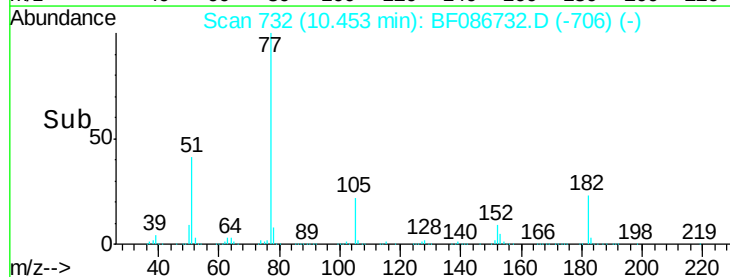
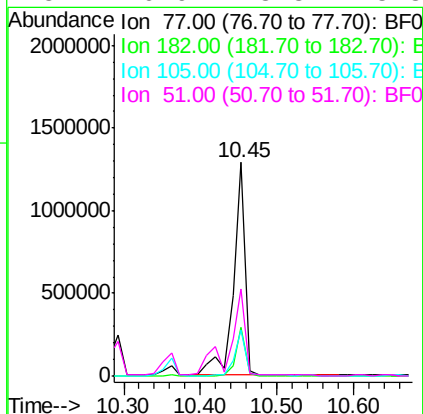
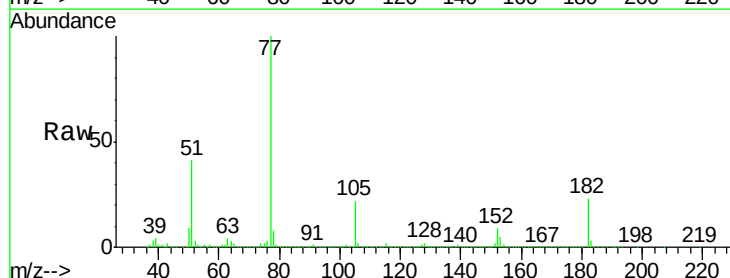
RT: 10.45 min Scan# 732

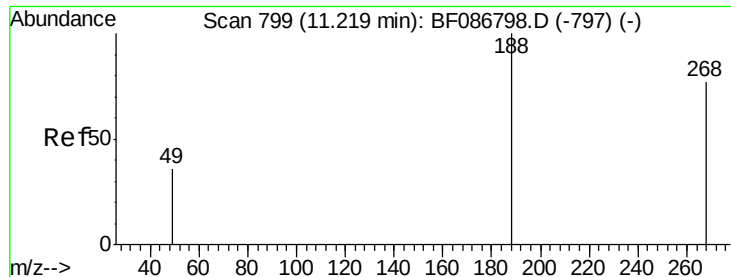
Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion:	77	Resp:	1406922
Ion Ratio	Lower	Upper	
77	100		
182	22.9	0.0	38.8
105	21.9	3.2	43.2
51	40.9	8.8	48.8





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

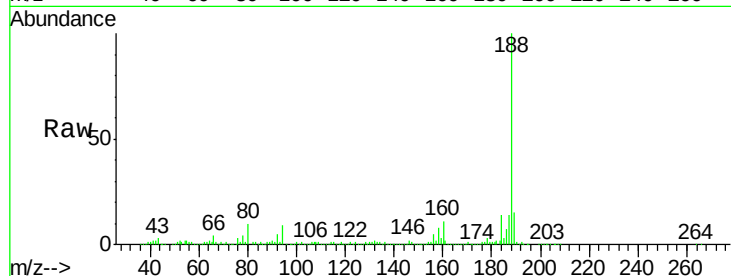
ClientSampleId :

MW-1MSD

Tgt	Ion:188	Resp:	550779
Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.8	10.2
80	9.6	7.1	10.7

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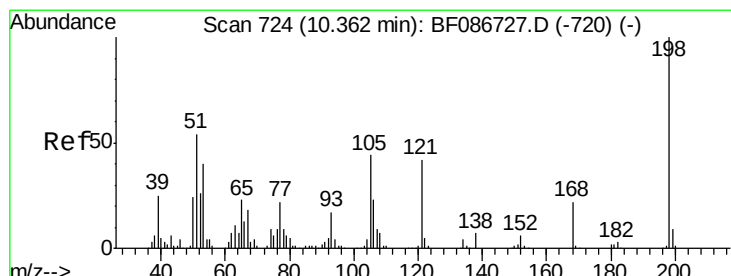
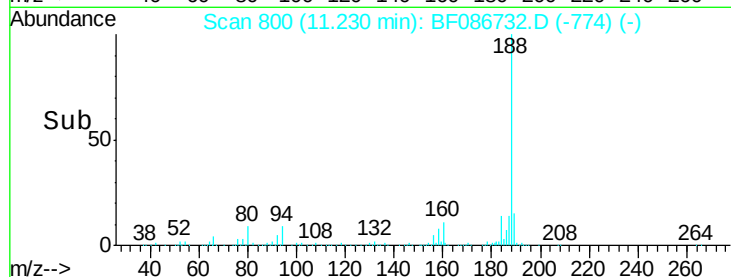
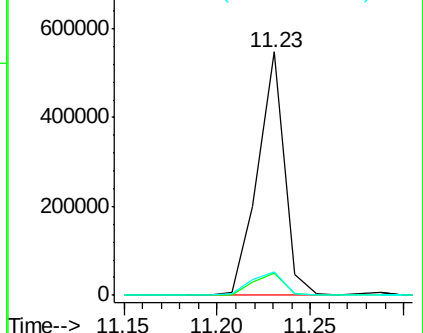
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 64.61 ng

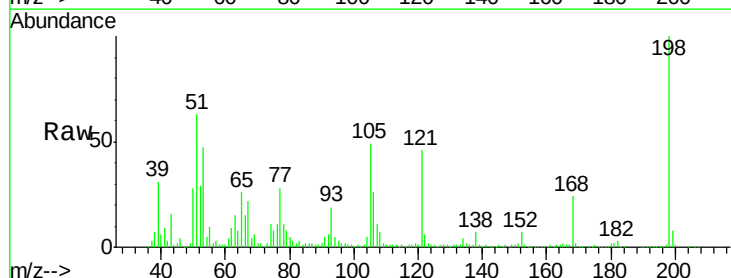
RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

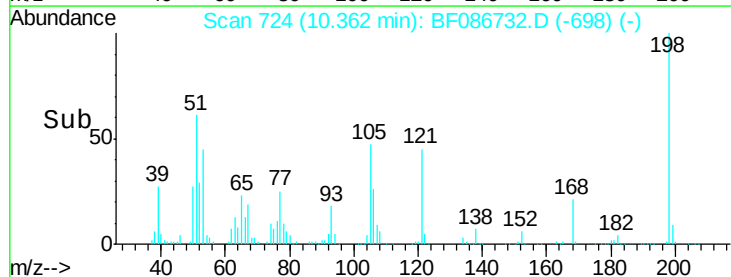
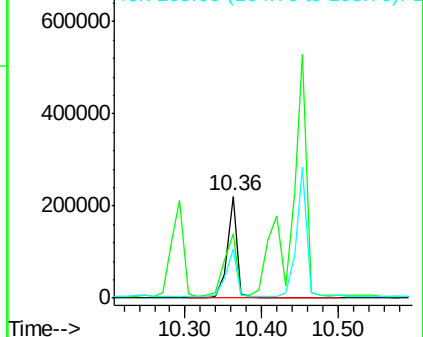
Tgt	Ion:198	Resp:	201370
Ion	Ratio	Lower	Upper
198	100		
51	63.0	20.5	60.5#
105	48.6	24.5	64.5

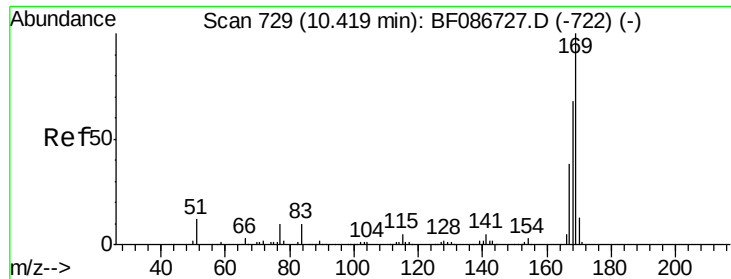


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.40 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:169 Resp: 916392
Ion Ratio Lower Upper

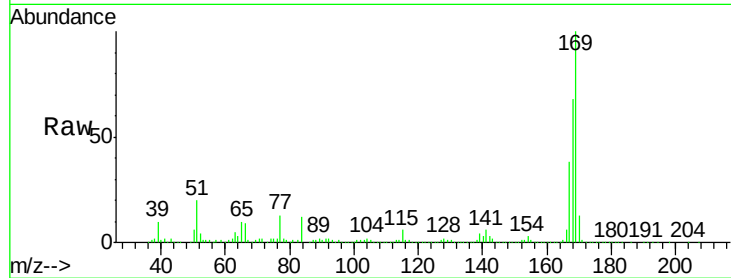
169 100

168 68.3 53.8 80.6

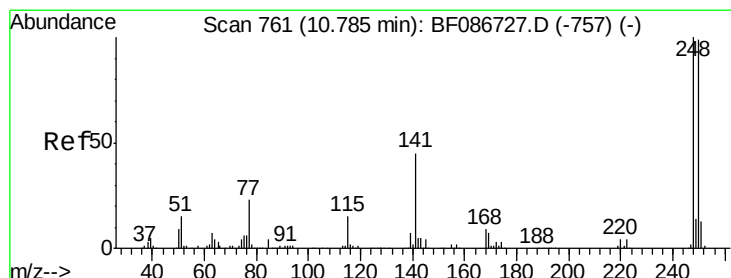
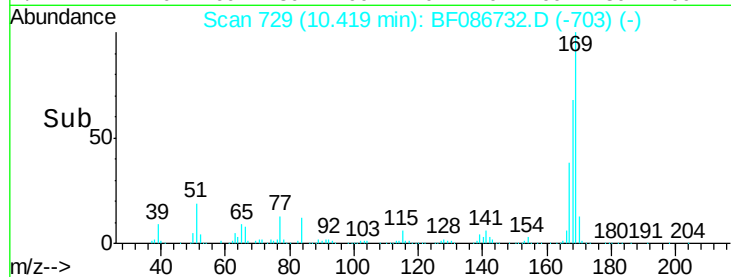
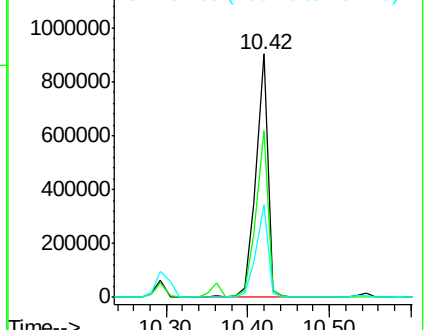
167 38.3 29.5 44.3

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



#66

4-Bromophenyl-phenylether

Concen: 51.72 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF086732.D

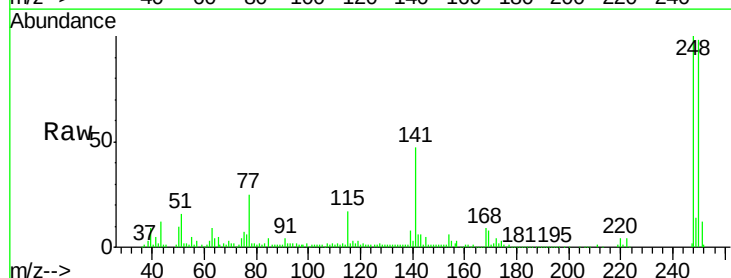
Acq: 6 May 2016 19:06

Tgt Ion:248 Resp: 283094
Ion Ratio Lower Upper

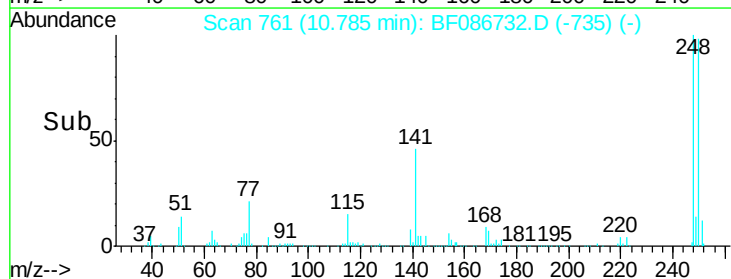
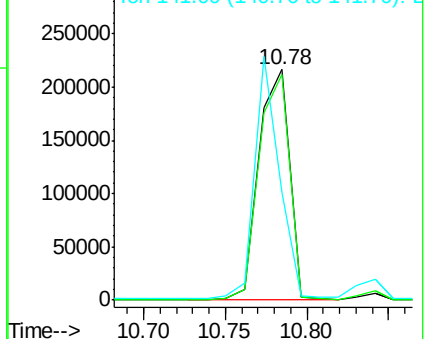
248 100

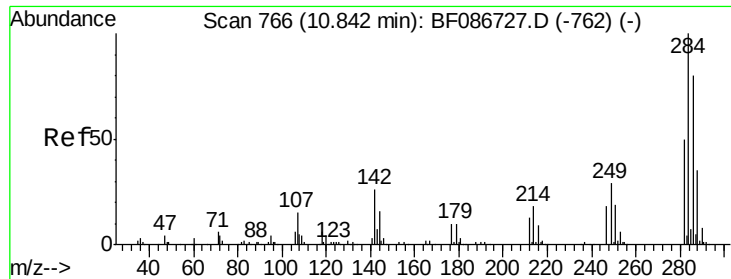
250 98.1 78.6 117.8

141 46.9 76.0 114.0#



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





#67

Hexachlorobenzene

Concen: 50.90 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

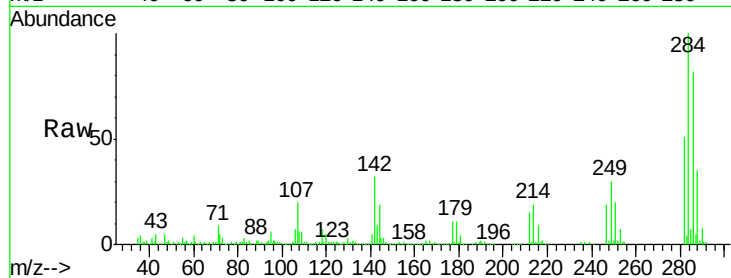
ClientSampleId :

MW-1MSD

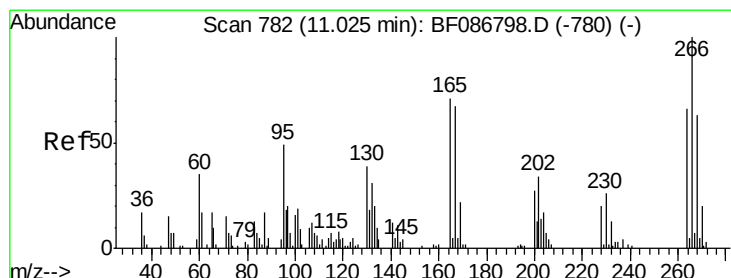
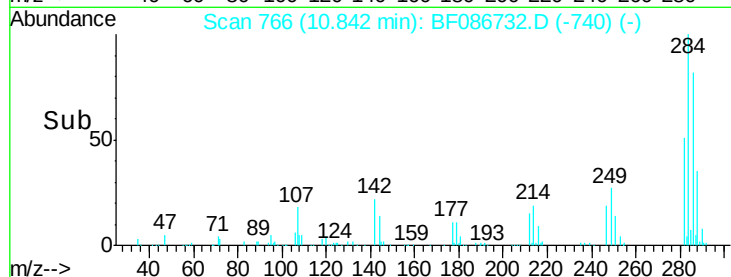
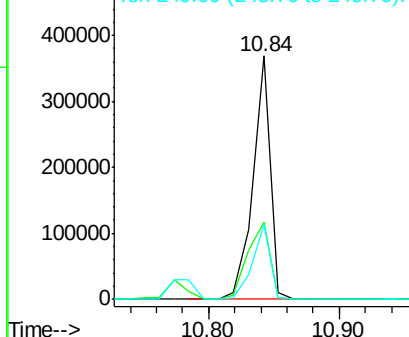
Tgt Ion:	284	Resp:	339758
Ion Ratio	Lower	Upper	
284	100		
142	31.6	16.7	25.1#
249	30.4	21.3	31.9

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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: 53.04 ng

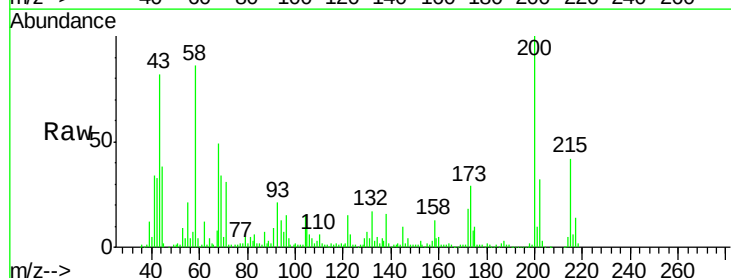
RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

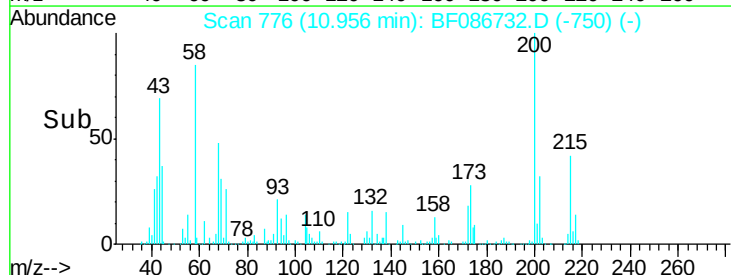
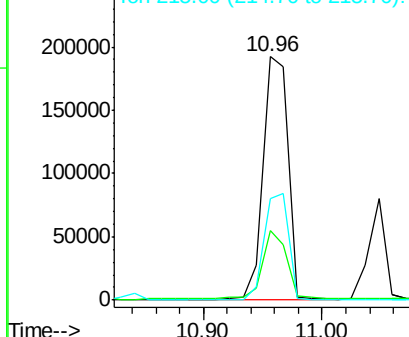
Lab File: BF086732.D

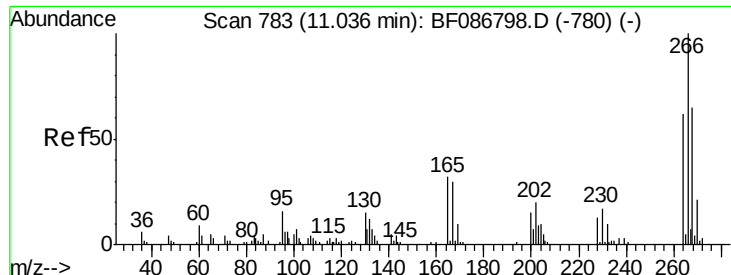
Acq: 6 May 2016 19:06

Tgt Ion:	200	Resp:	284280
Ion Ratio	Lower	Upper	
200	100		
173	28.7	8.5	48.5
215	41.7	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





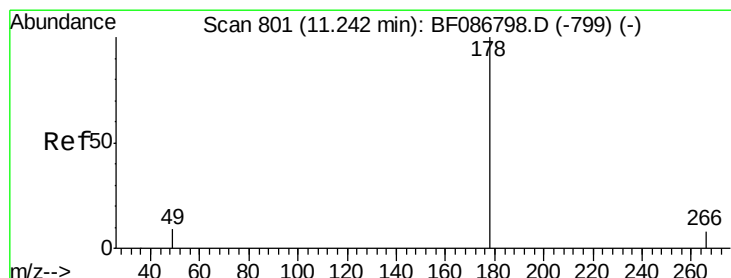
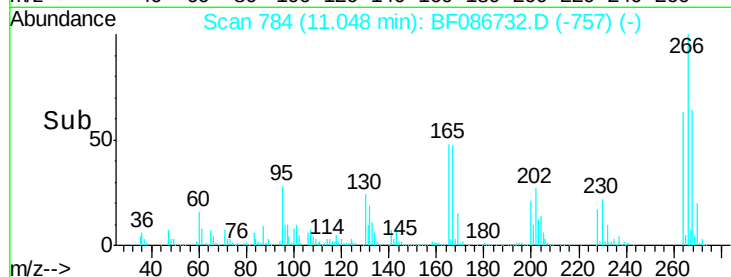
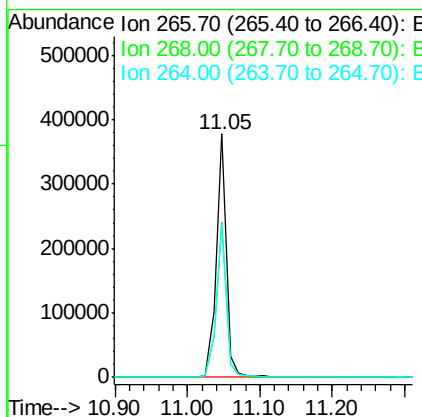
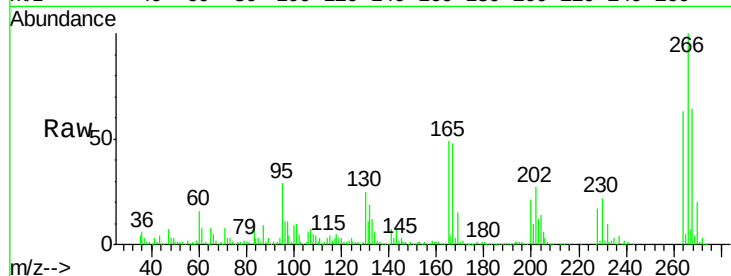
#69
 Pentachlorophenol
 Concen: 111.16 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampled :
 MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	367983		
268	63.7	51.5	77.3	
264	62.9	52.9	79.3	

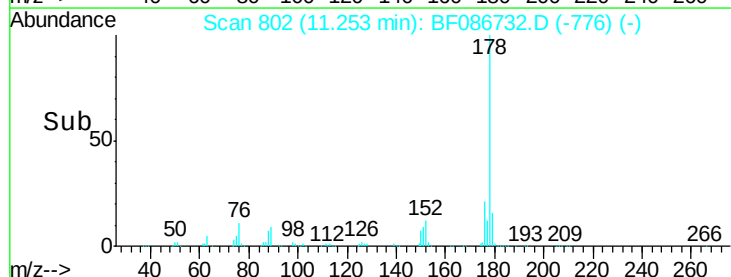
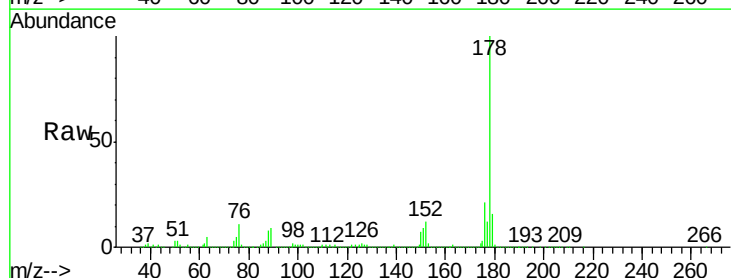
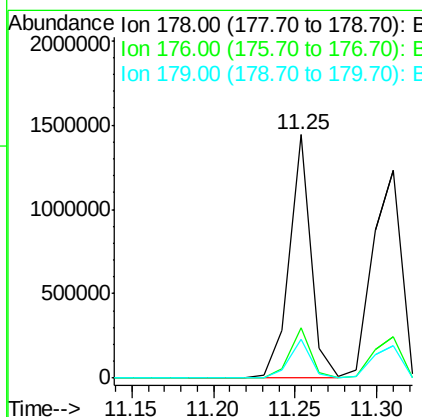
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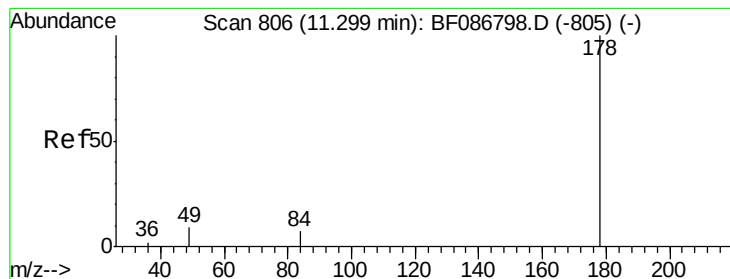
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#70
 Phenanthrene
 Concen: 44.74 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1323473		
176	20.8	16.0	24.0	
179	15.9	12.6	18.8	





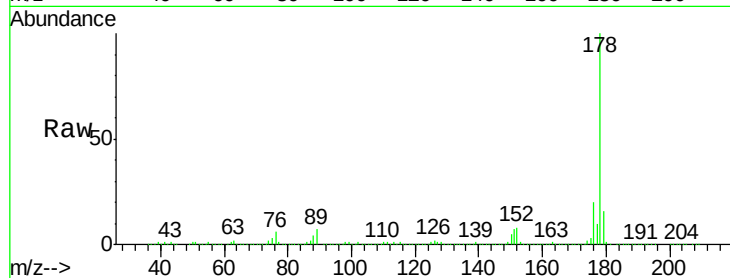
#71
 Anthracene
 Concen: 49.37 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

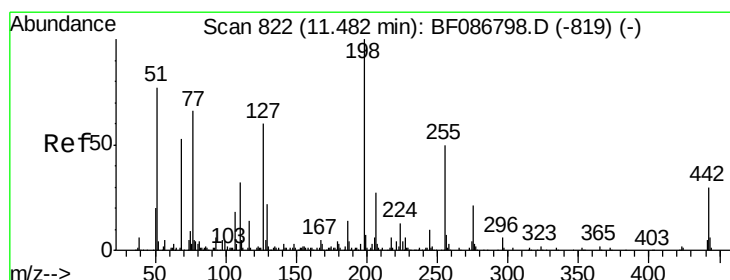
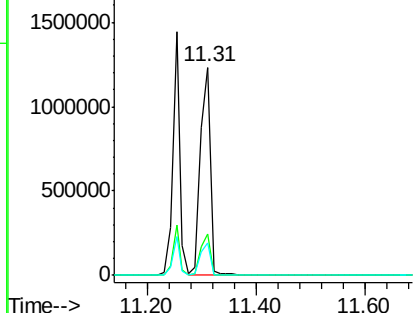
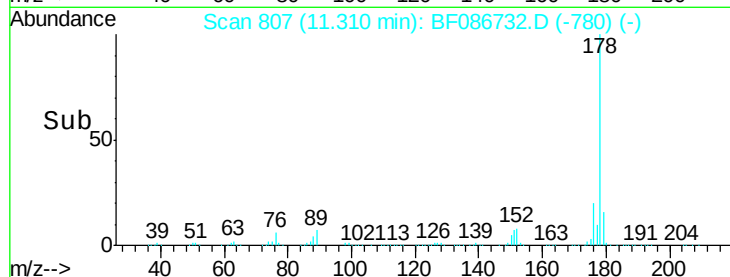
Tgt Ion:178 Resp: 1529564
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 15.8 12.7 19.1

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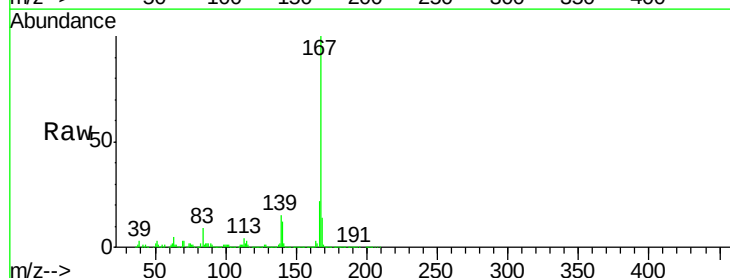


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

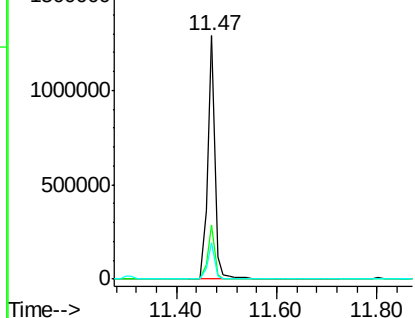
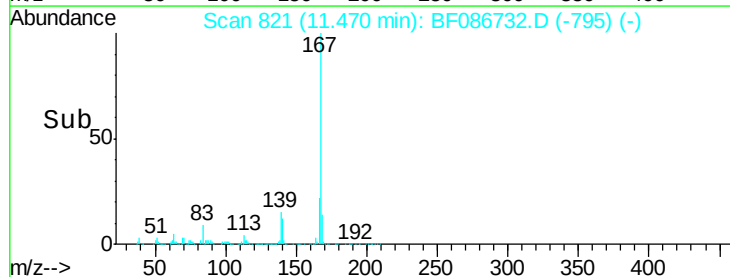


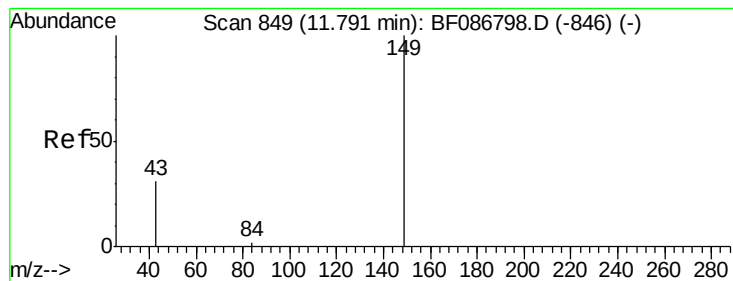
#72
 Carbazole
 Concen: 47.38 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion:167 Resp: 1274659
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 15.0 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.00 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

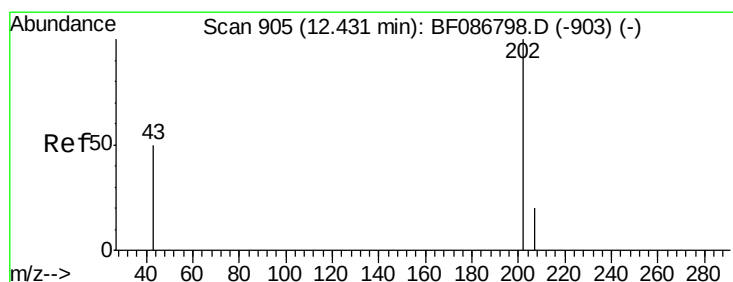
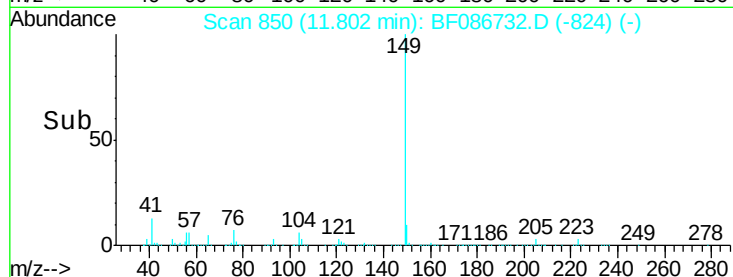
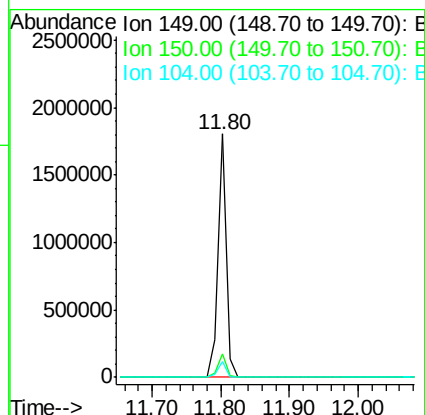
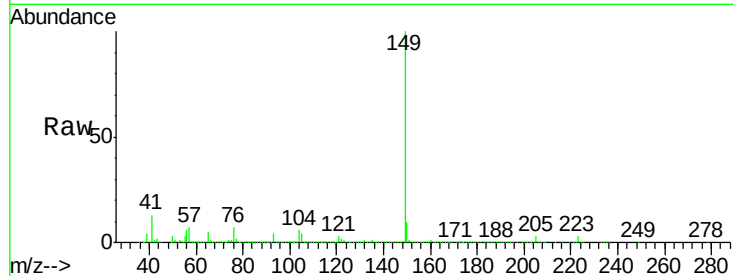
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	6.3	3.8	5.6



#74

Fluoranthene

Concen: 47.75 ng

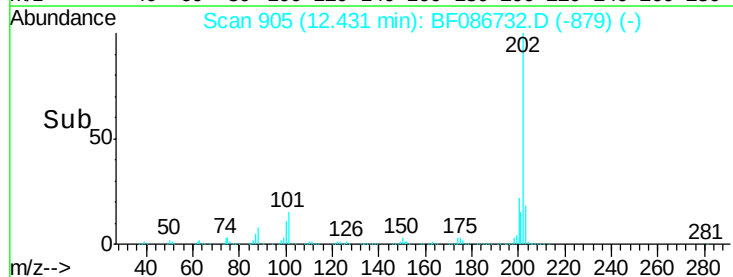
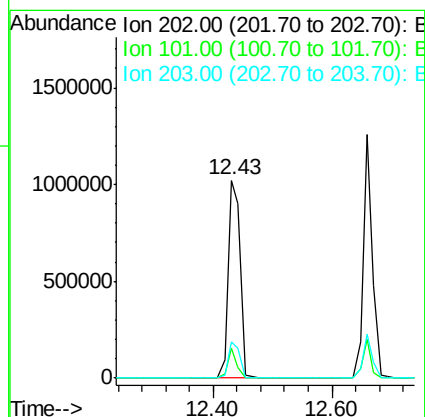
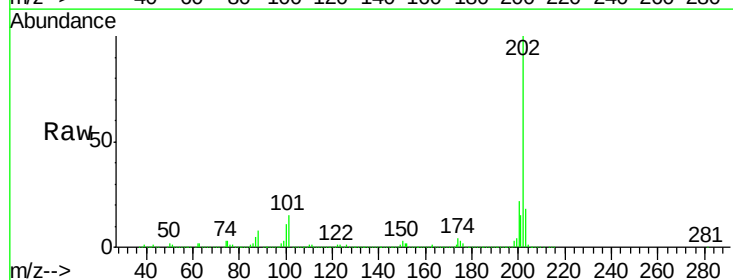
RT: 12.43 min Scan# 905

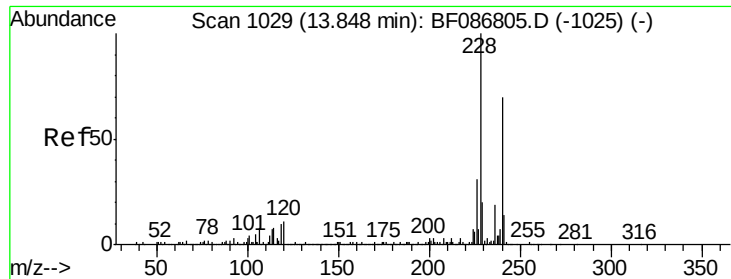
Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	35.4
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

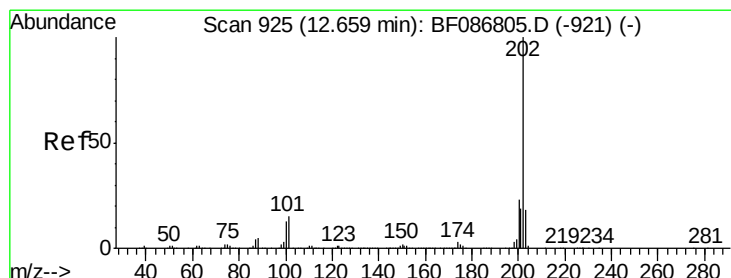
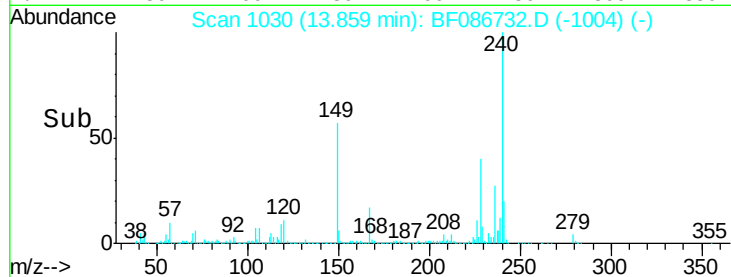
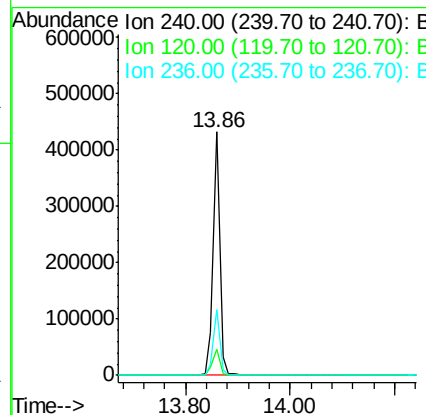
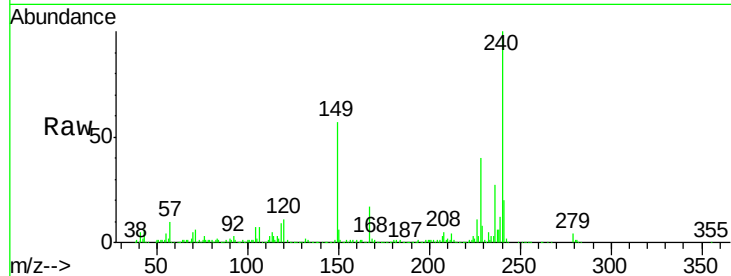
ClientSampleId :

MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	383068		
120	10.7	11.2	16.8#	
236	26.8	21.2	31.8	

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#77

Pyrene

Concen: 43.87 ng

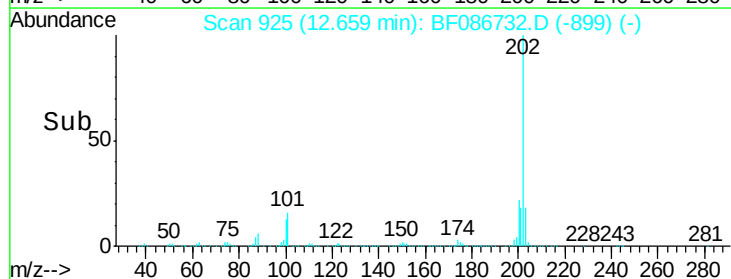
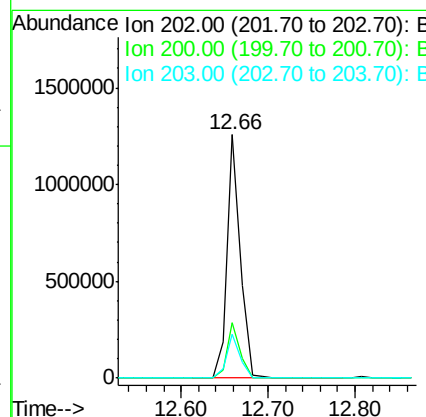
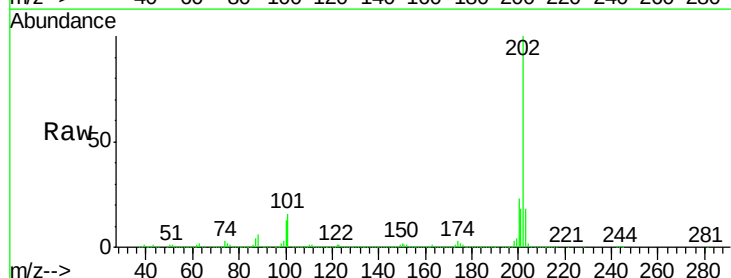
RT: 12.66 min Scan# 925

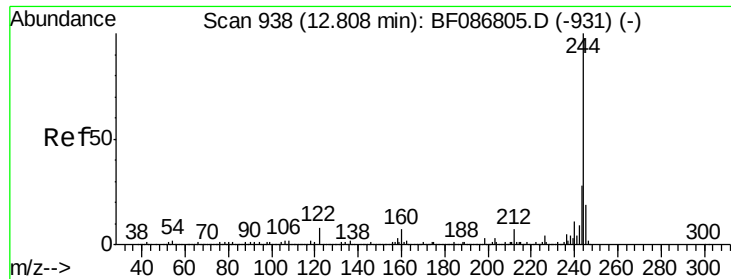
Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1339743		
200	22.5	17.7	26.5	
203	18.2	14.2	21.4	





#78

Terphenyl-d14

Concen: 67.88 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tgt Ion:244 Resp: 1286602

Ion Ratio Lower Upper

244 100

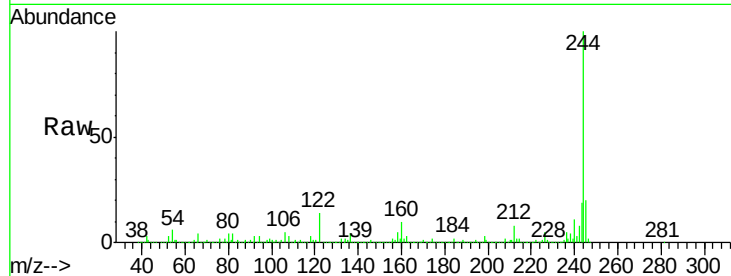
212 8.5 6.2 9.2

122 14.2 12.0 18.0

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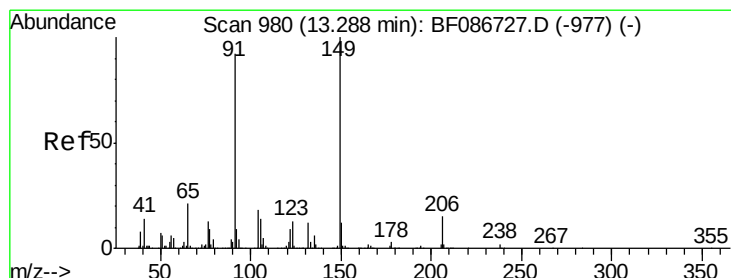
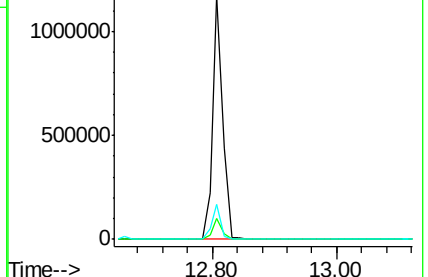
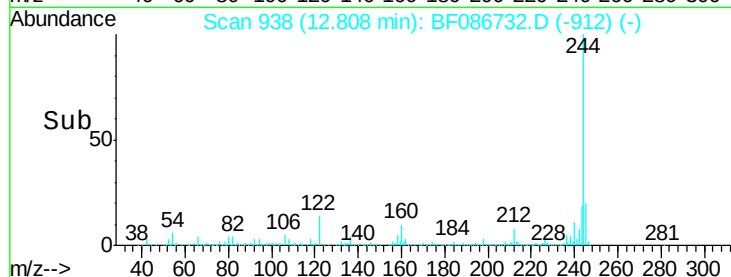
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.47 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

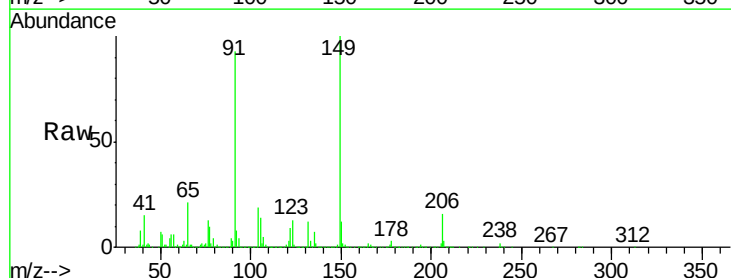
Tgt Ion:149 Resp: 607209

Ion Ratio Lower Upper

149 100

91 92.5 48.0 72.0#

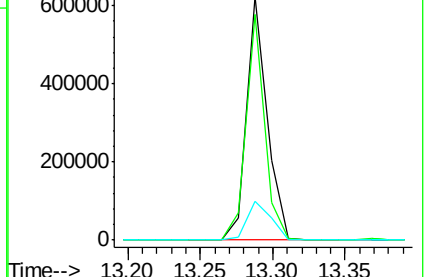
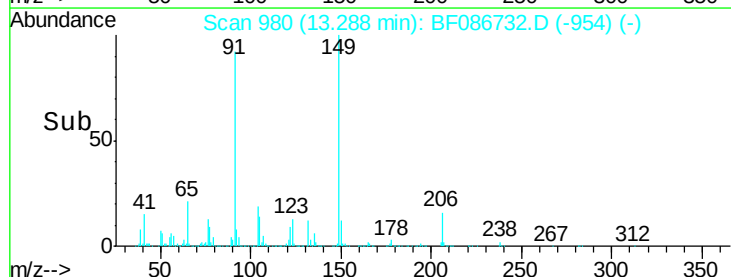
206 15.8 15.8 23.6

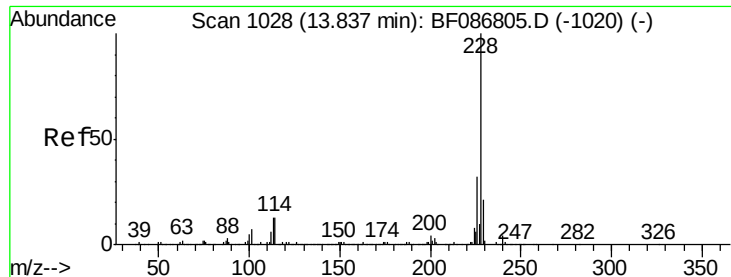


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





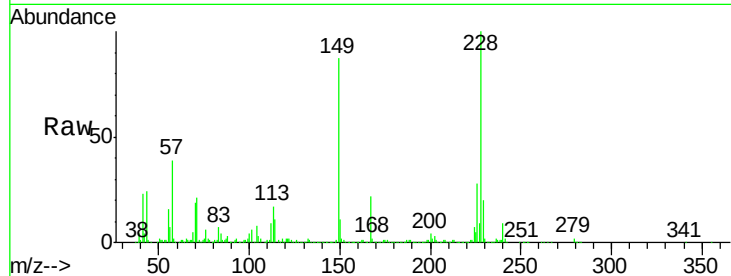
#80
Benzo(a)anthracene
Concen: 49.74 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

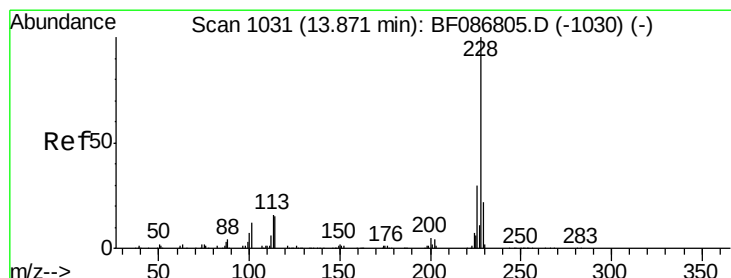
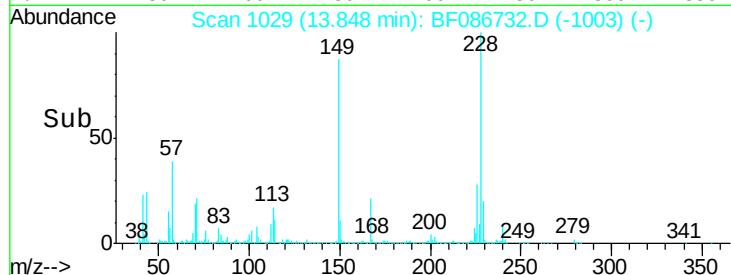
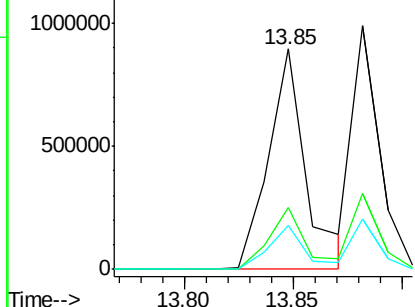
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.2	16.6	25.0

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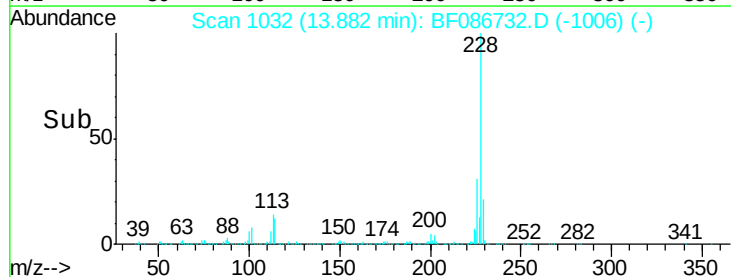
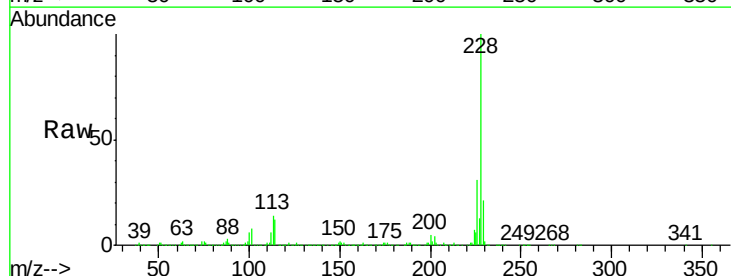
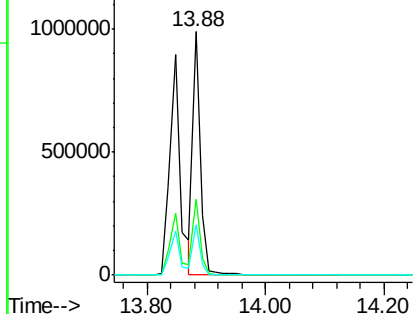
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

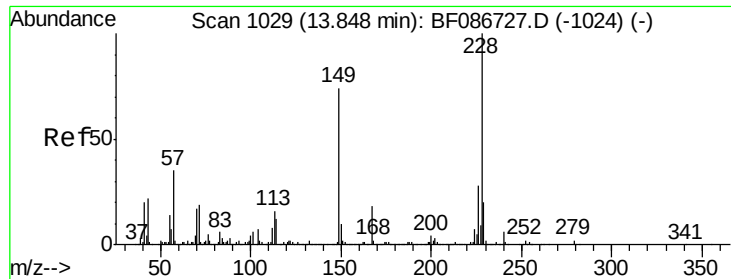


#82
Chrysene
Concen: 38.41 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.5	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





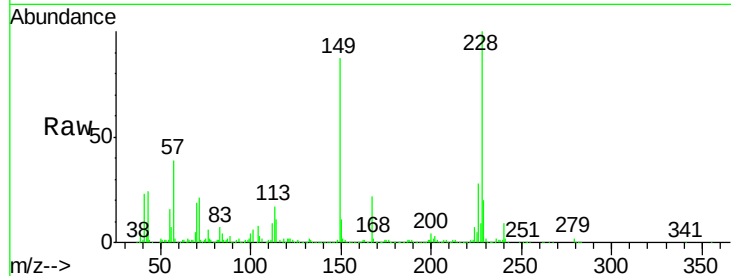
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.22 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	758245		
167	24.8	21.8	32.6	
279	2.4	2.6	4.0#	

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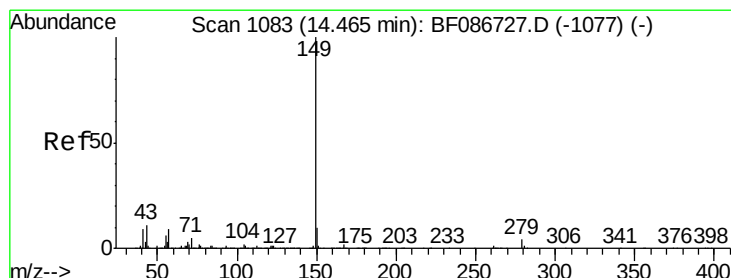
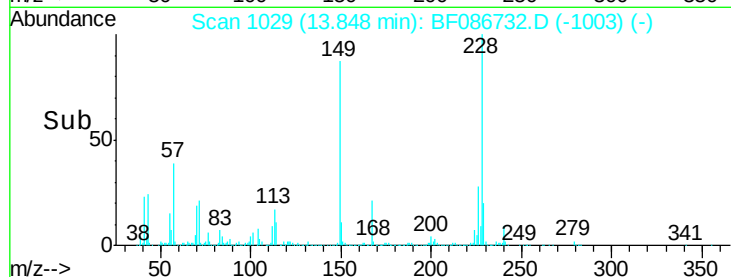
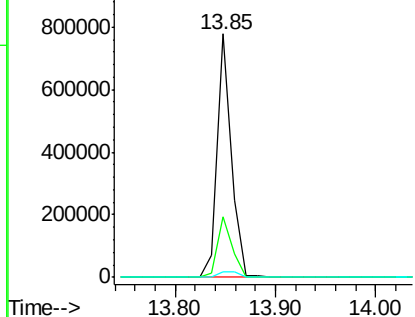


Abundance

Ion 149.00 (148.70 to 149.70): E

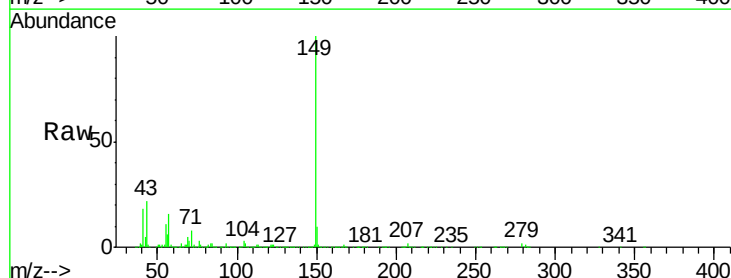
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 61.94 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1349166		
167	1.5	1.2	1.8	
43	16.1	8.2	12.4#	

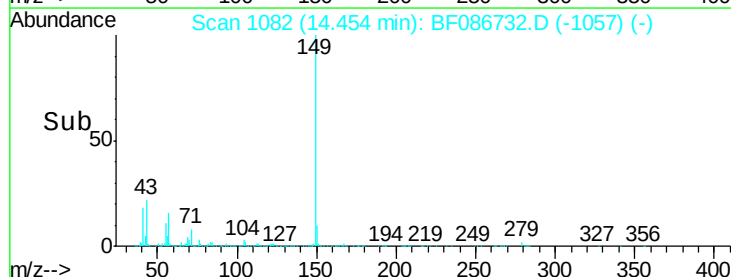
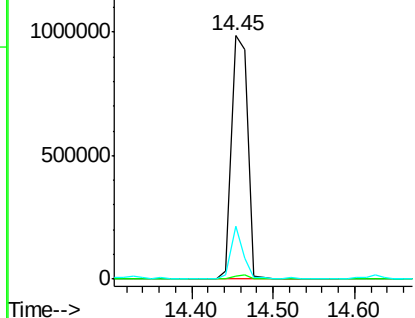


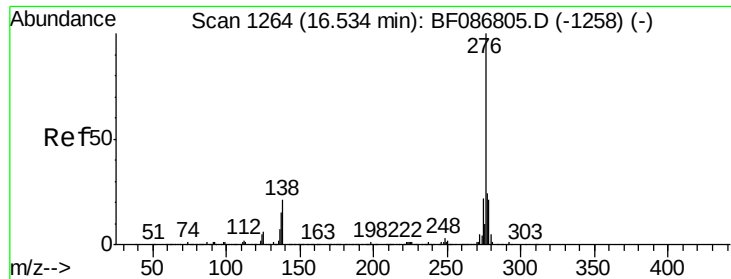
Abundance

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





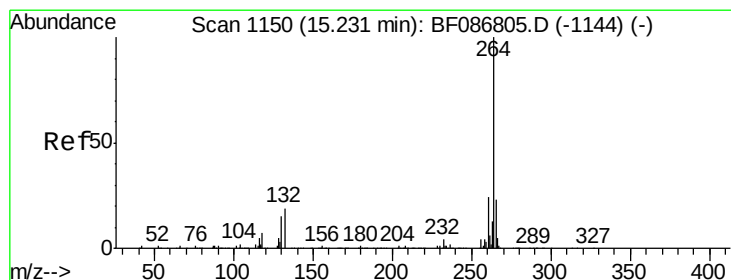
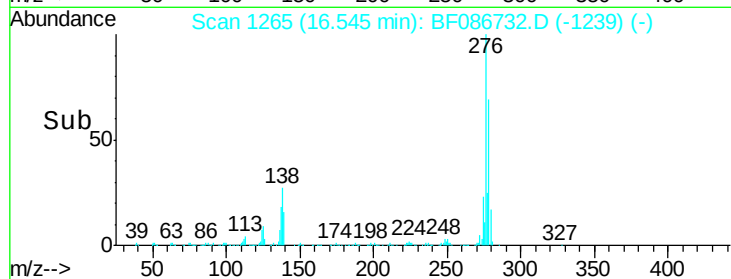
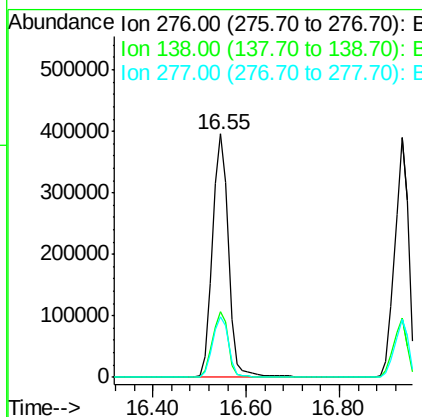
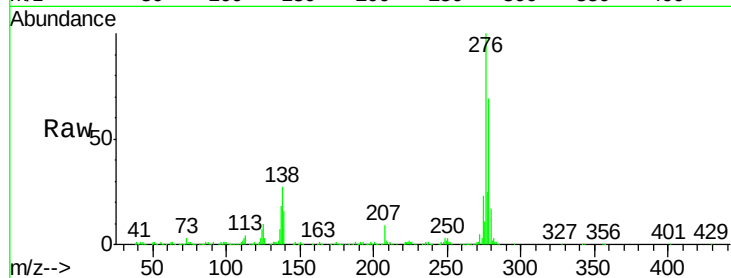
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.92 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	25.5	20.5	30.7

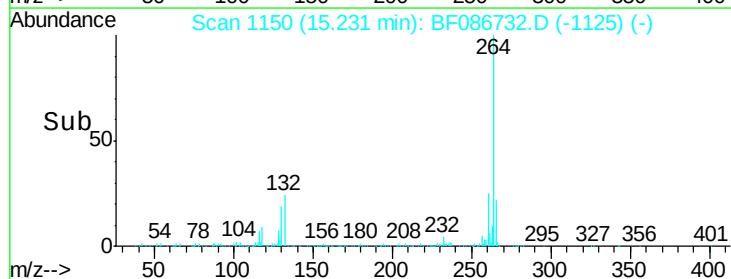
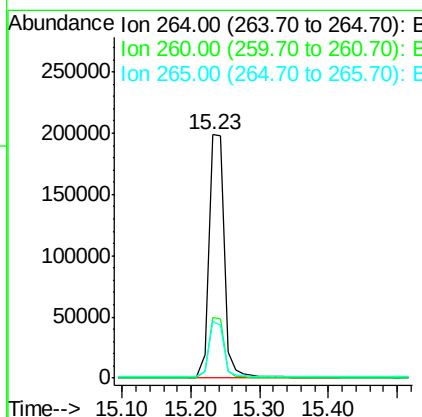
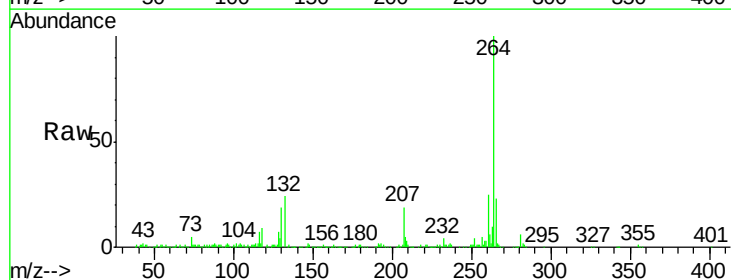
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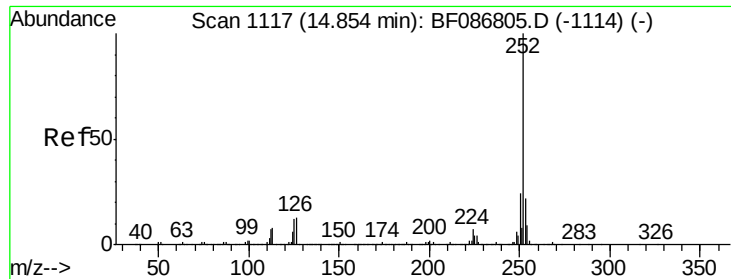
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF086732.D
 Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	23.1	17.3	25.9





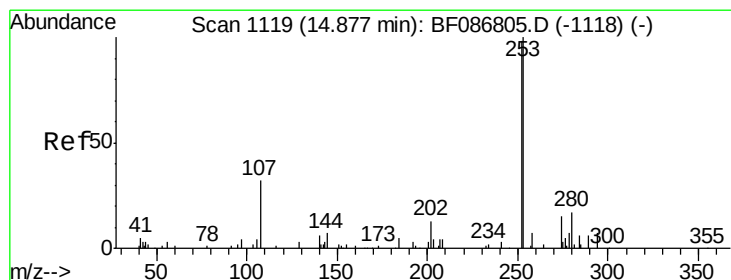
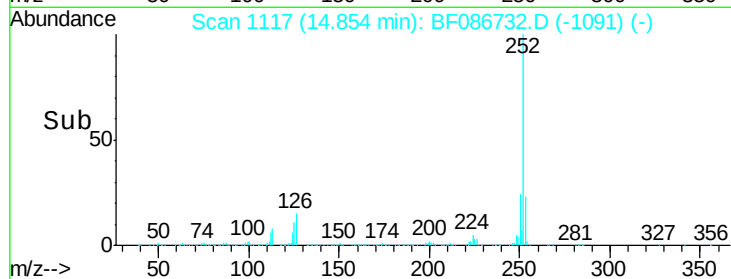
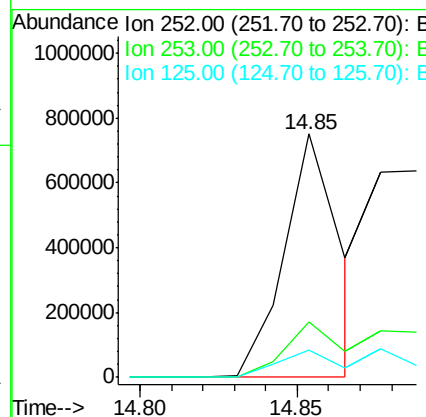
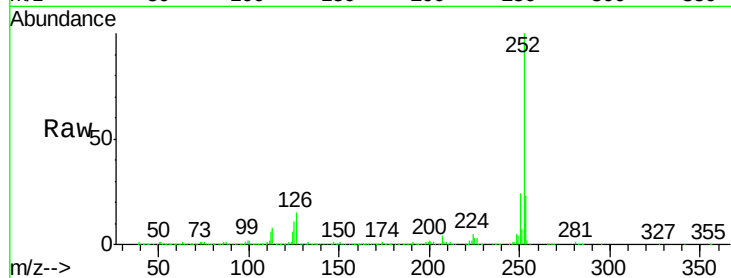
#87
Benzo(b)fluoranthene
Concen: 49.10 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.4	11.4	17.0

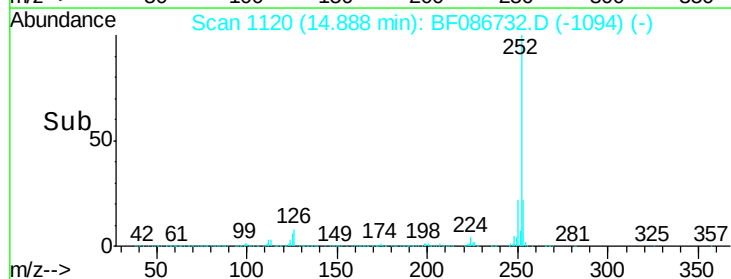
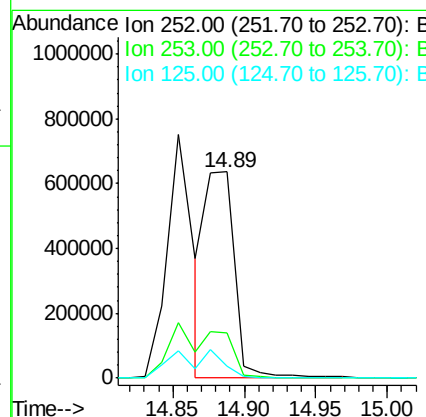
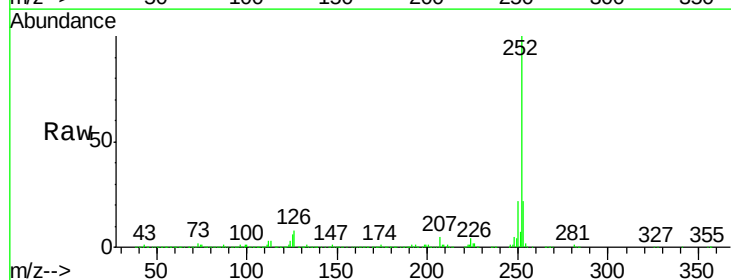
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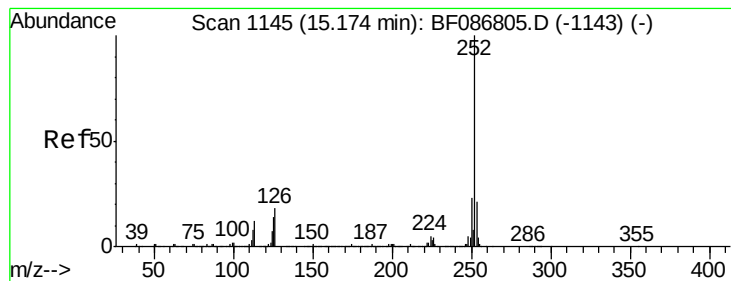
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#88
Benzo(k)fluoranthene
Concen: 52.45 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF086732.D
Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	5.8	9.1	13.7#





#89

Benzo(a)pyrene

Concen: 51.28 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF086732.D

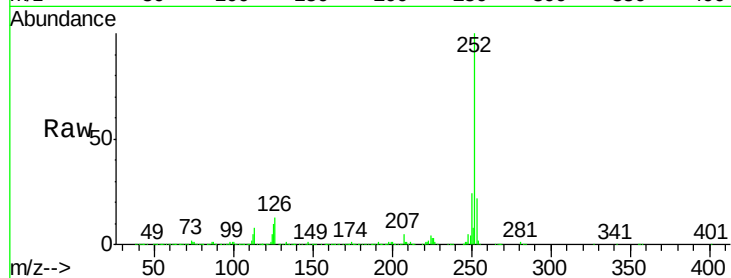
Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

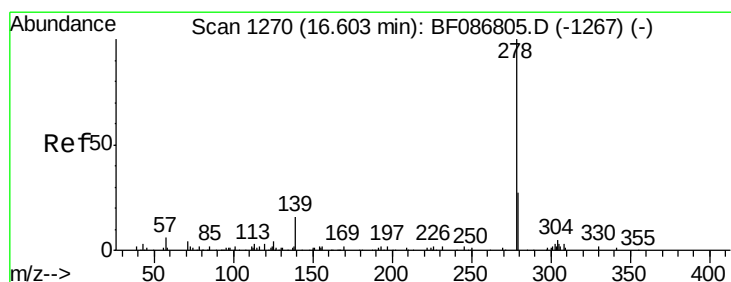
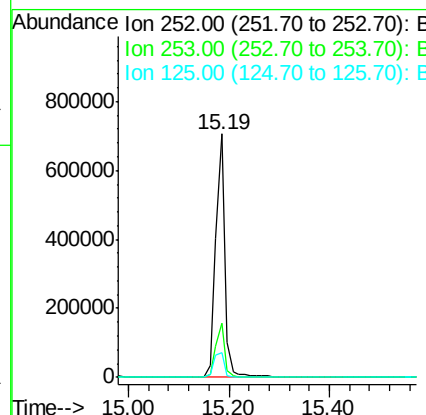
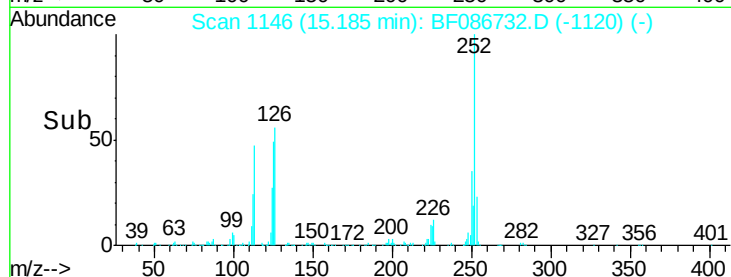
MW-1MSD



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	888995		
253	22.2	17.2	25.8	
125	10.1	9.0	13.6	

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#90

Dibenzo(a,h)anthracene

Concen: 47.05 ng

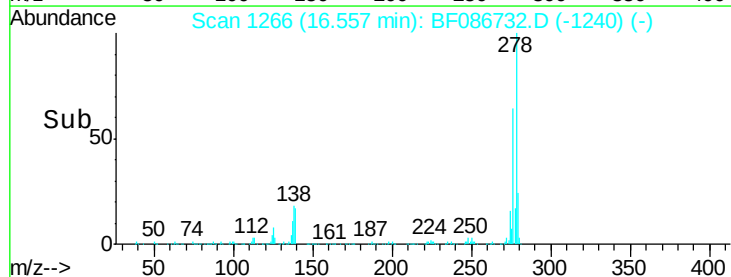
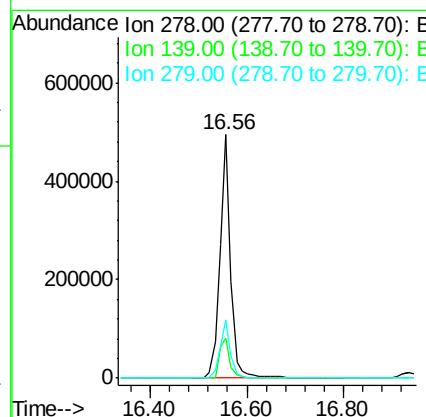
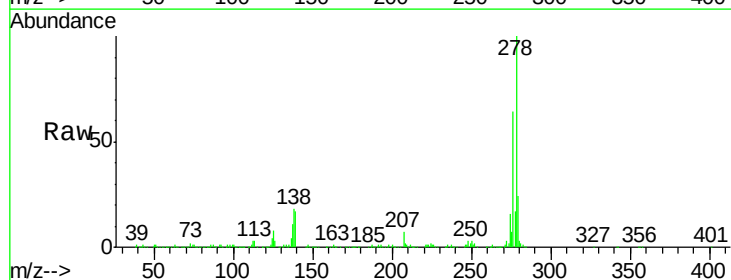
RT: 16.56 min Scan# 1266

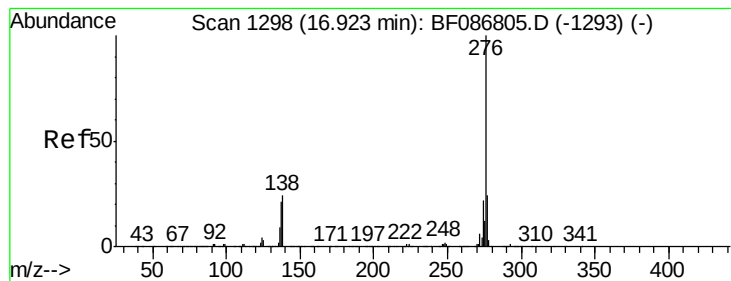
Delta R.T. -0.00 min

Lab File: BF086732.D

Acq: 6 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	783557		
139	16.6	16.6	24.8	
279	24.1	19.6	29.4	





#91

Benzo(g,h,i)perylene

Concen: 46.87 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF086732.D

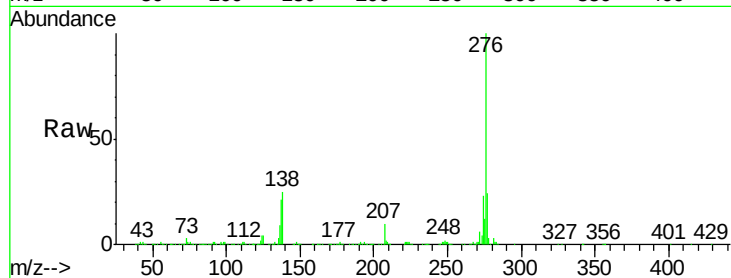
Acq: 6 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1MSD



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	24.8	23.6	35.4

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