

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086731.D
 Acq On : 6 May 2016 18:37
 Operator : UM/SJ
 Sample : H2802-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MS

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:17:16 PM

Quant Time: May 09 15:37:34 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	182132	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	718506	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	317596	40.00	ng	0.00
63) Phenanthrene-d10	11.23	188	567070	40.00	ng	0.00
75) Chrysene-d12	13.86	240	393472	40.00	ng	0.00
86) Perylene-d12	15.24	264	324578	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	685952	62.35	ng	0.00
7) Phenol-d6	6.38	99	581825	39.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	1297370	92.79	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	472460	152.07	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	2061484	106.40	ng	0.00
78) Terphenyl-d14	12.81	244	1440830	74.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	81025	14.25	ng	# 75
3) Pyridine	3.15	79	150600m	10.80	ng	
4) n-Nitrosodimethylamine	2.94	42	146598	17.33	ng	# 49
6) Aniline	6.38	93	189568	10.36	ng	# 55
8) 2-Chlorophenol	6.51	128	484552	36.70	ng	97
9) Benzaldehyde	6.26	77	97082	13.13	ng	98
10) Phenol	6.40	94	226510	13.97	ng	72
11) bis(2-Chloroethyl)ether	6.45	93	560765	40.18	ng	84
12) 1,3-Dichlorobenzene	6.65	146	600999	42.87	ng	# 95
13) 1,4-Dichlorobenzene	6.73	146	619566	42.74	ng	95
14) 1,2-Dichlorobenzene	6.88	146	504130	39.94	ng	94
15) Benzyl Alcohol	6.88	79	314270	32.78	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1187683	41.63	ng	80
17) 2-Methylphenol	7.00	107	314660	29.60	ng	# 69
18) Hexachloroethane	7.22	117	239623	43.79	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	465369	45.96	ng	# 68
20) 3+4-Methylphenols	7.16	107	366259	29.43	ng	# 60
22) Acetophenone	7.14	105	896761	53.56	ng	99
24) Nitrobenzene	7.31	77	756776	52.35	ng	93
25) Isophorone	7.56	82	1234655	47.42	ng	# 98
26) 2-Nitrophenol	7.62	139	296193	45.92	ng	# 69
27) 2,4-Dimethylphenol	7.68	122	433118	38.24	ng	86
28) bis(2-Chloroethoxy)methane	7.77	93	801625	55.93	ng	98
29) 2,4-Dichlorophenol	7.87	162	438601	45.04	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	502783	46.28	ng	95
31) Naphthalene	8.02	128	1605193	43.73	ng	98
32) Benzoic acid	7.82	122	147500	35.95	ng	# 76
33) 4-Chloroaniline	8.09	127	60401	4.25	ng	# 94
34) Hexachlorobutadiene	8.13	225	285059	46.22	ng	98
35) Caprolactam	8.53	113	20248	6.72	ng	# 21
36) 4-Chloro-3-methylphenol	8.58	107	440734	39.67	ng	92
37) 2-Methylnaphthalene	8.72	142	1133911	52.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	435920	47.42	ng	# 96
40) Hexachlorocyclopentadiene	8.86	237	557758	127.67	ng	95

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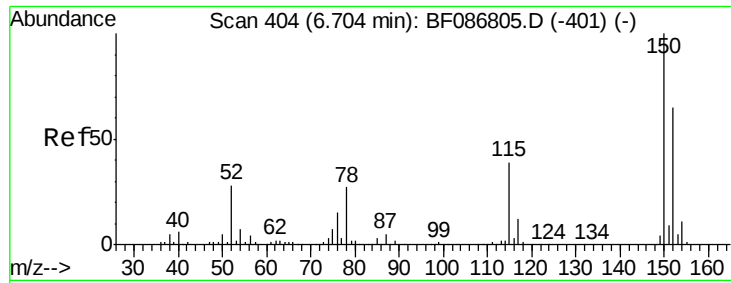
Manual Integrations
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Quant Time: May 09 15:37:34 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	316334	54.11	ng	93
43) 2,4,5-Trichlorophenol	9.06	196	310368	50.82	ng	95
45) 1,1'-Biphenyl	9.17	154	1292832	49.79	ng	96
46) 2-Chloronaphthalene	9.20	162	954698	47.65	ng	# 92
47) 2-Nitroaniline	9.31	65	347756	48.82	ng	# 77
48) Acenaphthylene	9.61	152	1471576	49.47	ng	98
49) Dimethylphthalate	9.49	163	1172000	49.50	ng	98
50) 2,6-Dinitrotoluene	9.55	165	225605	44.40	ng	# 73
51) Acenaphthene	9.78	154	924038	47.09	ng	98
52) 3-Nitroaniline	9.72	138	119831	20.75	ng	# 76
53) 2,4-Dinitrophenol	9.84	184	312520	116.14	ng	# 80
54) Dibenzofuran	9.96	168	1347615	55.41	ng	100
55) 4-Nitrophenol	9.92	139	107937m	32.05	ng	
56) 2,4-Dinitrotoluene	9.95	165	284465	45.18	ng	# 57
57) Fluorene	10.29	166	933869	47.38	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	274496	61.20	ng	99
59) Diethylphthalate	10.19	149	1181830	52.74	ng	97
60) 4-Chlorophenyl-phenylether	10.29	204	481313	51.37	ng	93
61) 4-Nitroaniline	10.34	138	146744	26.44	ng	# 71
62) Azobenzene	10.45	77	1444027	58.15	ng	88
64) 4,6-Dinitro-2-methylphenol	10.36	198	195808	62.01	ng	# 69
65) n-Nitrosodiphenylamine	10.42	169	920466	51.12	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	290421	51.54	ng	# 76
67) Hexachlorobenzene	10.84	284	348366	50.69	ng	# 84
68) Atrazine	10.97	200	300987	54.55	ng	94
69) Pentachlorophenol	11.05	266	376485	110.50	ng	97
70) Phenanthrene	11.25	178	1372459	45.06	ng	99
71) Anthracene	11.31	178	1575281	49.39	ng	100
72) Carbazole	11.47	167	1293266	46.69	ng	98
73) Di-n-butylphthalate	11.80	149	1554620	47.28	ng	# 98
74) Fluoranthene	12.44	202	1489337	48.79	ng	90
77) Pyrene	12.66	202	1380892	44.02	ng	99
79) Butylbenzylphthalate	13.29	149	626785	47.70	ng	# 65
80) Benzo(a)anthracene	13.85	228	1119944	50.33	ng	99
82) Chrysene	13.88	228	943686	39.75	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	776447	51.07	ng	# 96
84) Di-n-octyl phthalate	14.45	149	1395733	62.38	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.55	276	982815	48.25	ng	95
87) Benzo(b)fluoranthene	14.85	252	968669m	49.67	ng	
88) Benzo(k)fluoranthene	14.89	252	1032073m	56.16	ng	
89) Benzo(a)pyrene	15.19	252	934089	51.99	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	802823	46.52	ng	97
91) Benzo(g,h,i)perylene	16.93	276	841515	46.45	ng	95

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



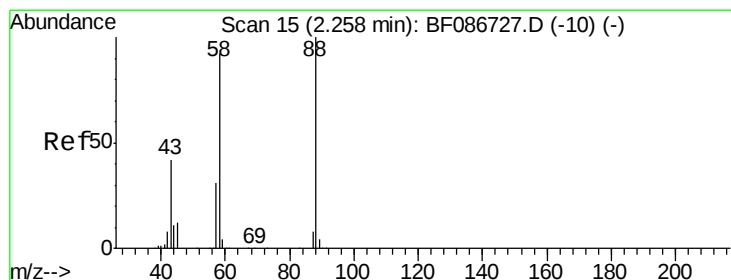
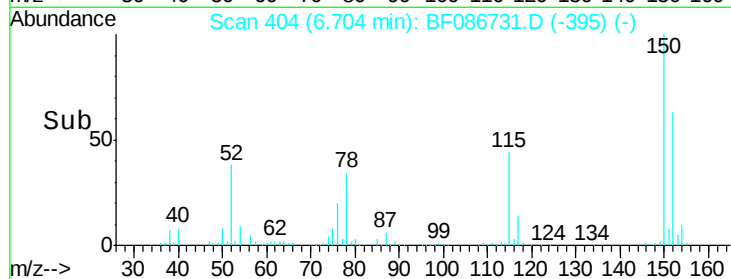
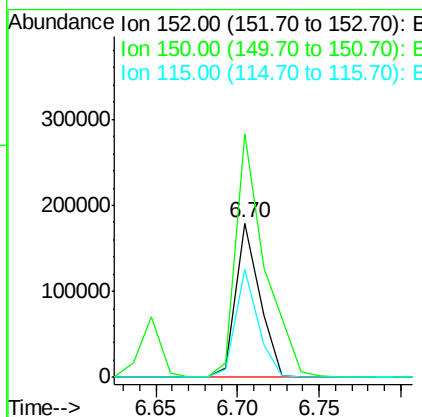
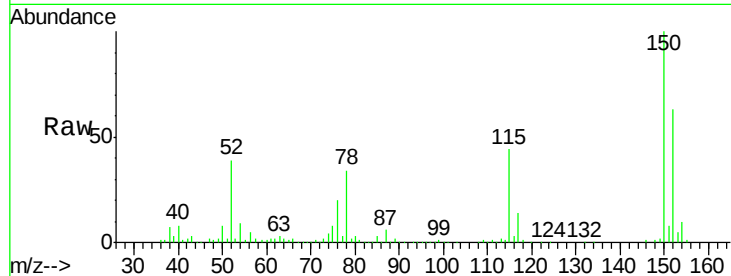
#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	182132		
150	157.9	125.8	188.6	
115	69.9	51.5	77.3	

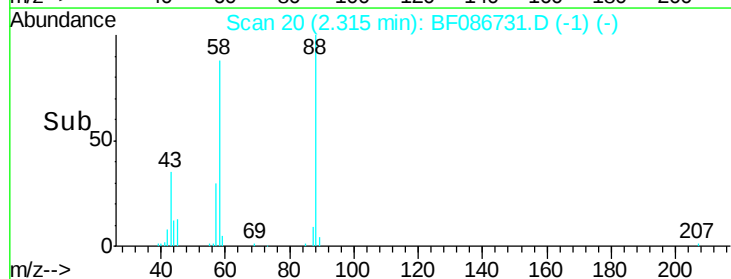
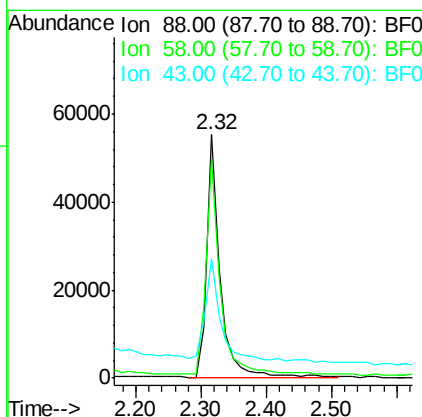
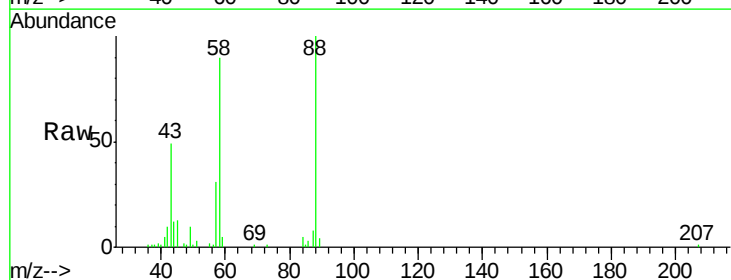
Manual Integrations
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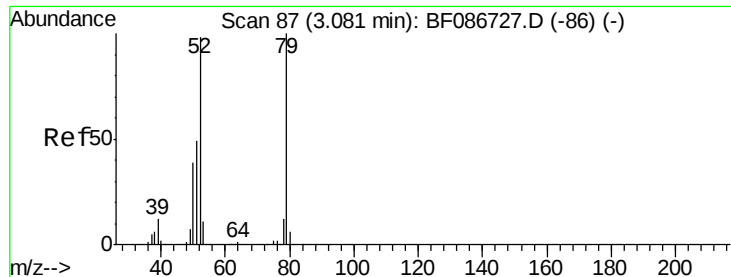
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#2
 1,4-Dioxane
 Concen: 14.25 ng
 RT: 2.32 min Scan# 20
 Delta R.T. 0.06 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	81025		
58	89.2	59.6	89.4	
43	51.7	21.8	32.6	





#3

Pyridine

Concen: 10.80 ng m

RT: 3.15 min Scan# 93

Delta R.T. 0.07 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

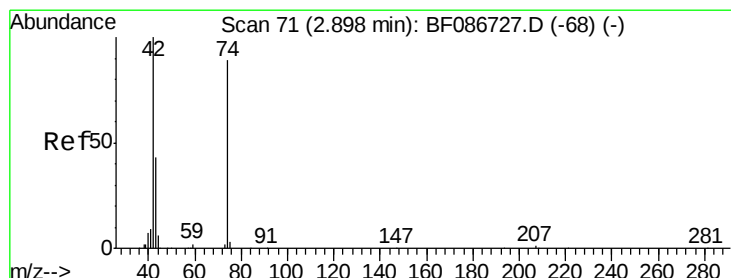
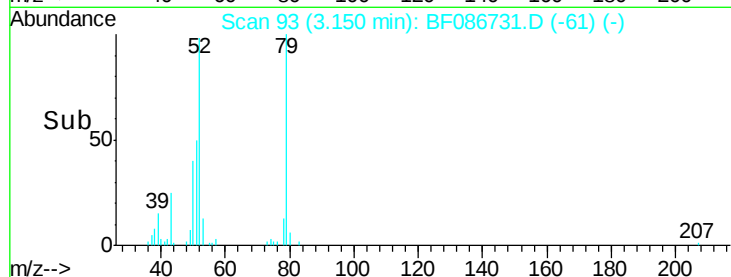
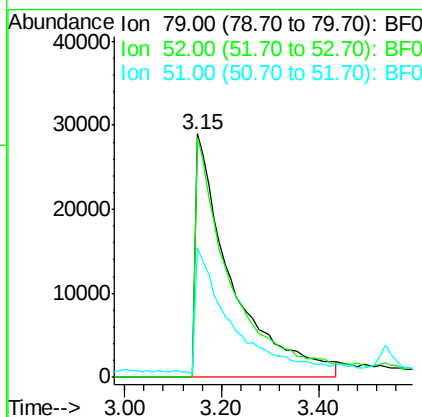
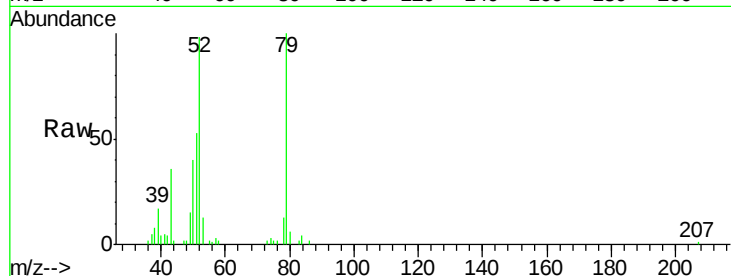
ClientSampleId :

MW-1MS

Tgt Ion:	79	Resp:	150600
Ion Ratio	Lower	Upper	
79	100		
52	98.2	55.9	83.9#
51	53.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 17.33 ng

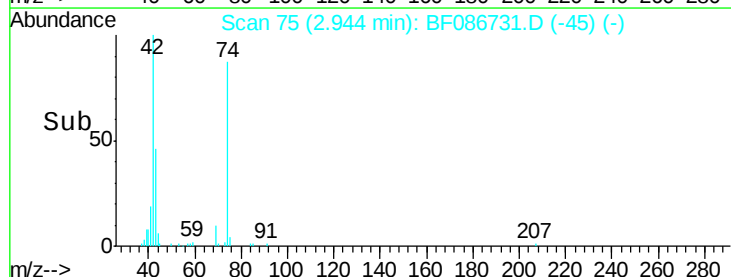
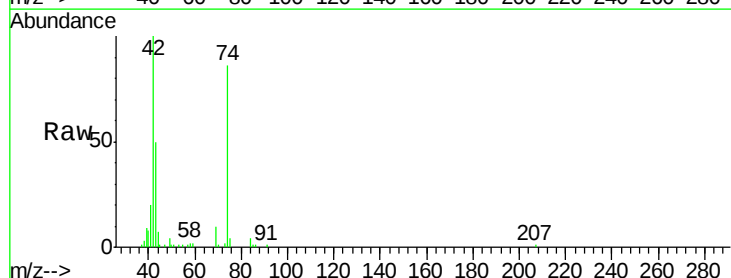
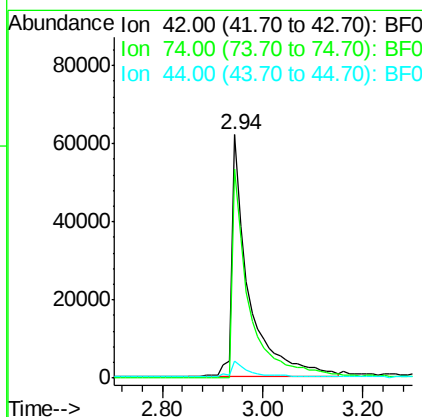
RT: 2.94 min Scan# 75

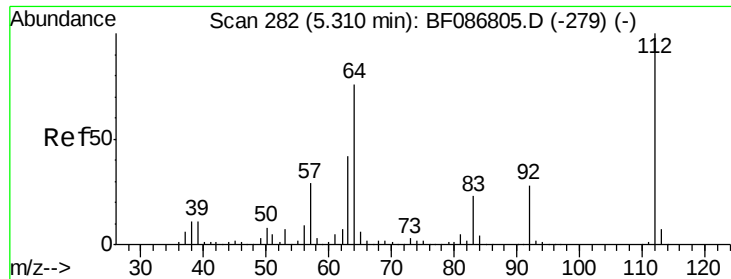
Delta R.T. 0.05 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:	42	Resp:	146598
Ion Ratio	Lower	Upper	
42	100		
74	85.9	123.4	185.0#
44	6.9	5.8	8.6





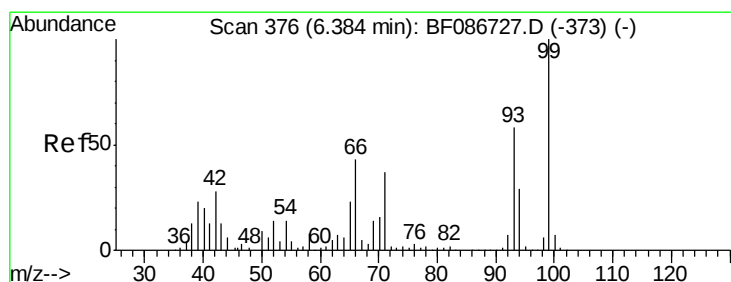
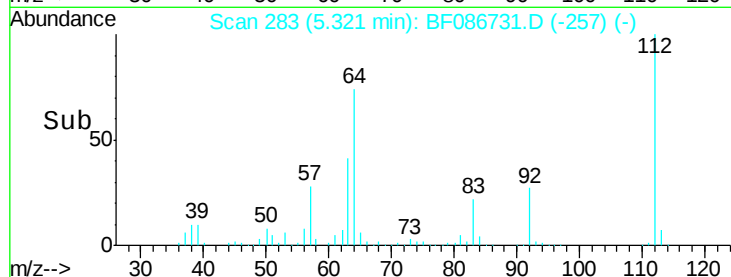
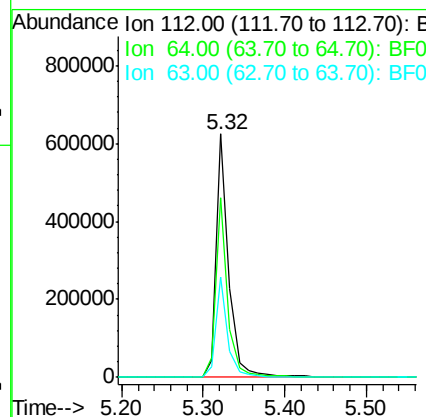
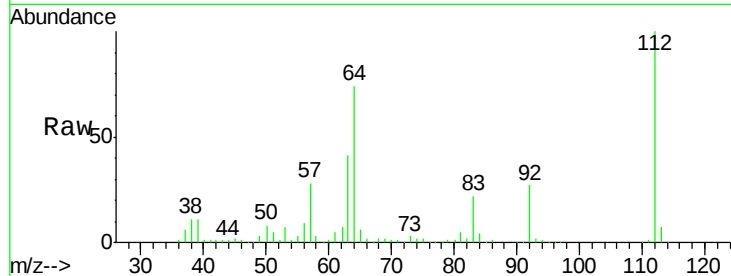
#5
2-Fluorophenol
Concen: 62.35 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	73.7	52.1	78.1
63	40.9	25.7	38.5

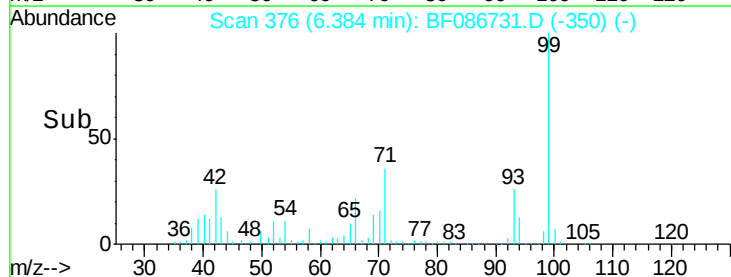
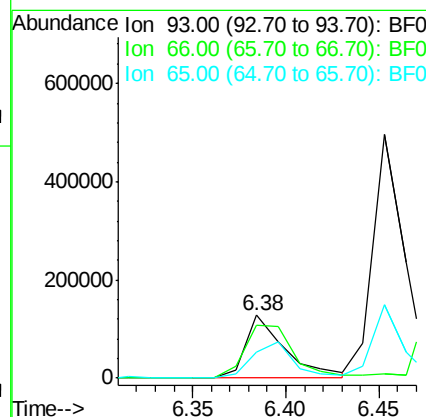
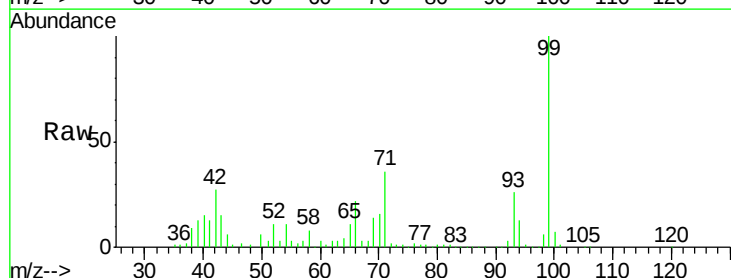
Manual Integrations
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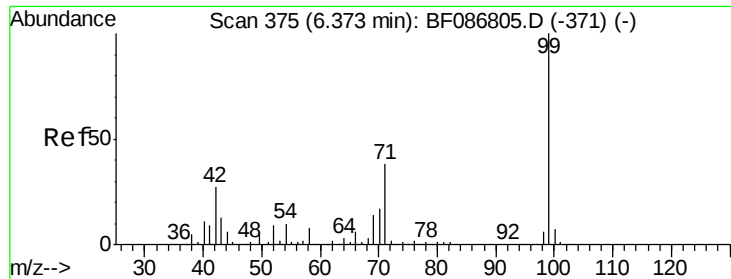
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#6
Aniline
Concen: 10.36 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	84.9	39.0	58.6
65	41.6	20.6	31.0





#7

Phenol-d6

Concen: 39.26 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

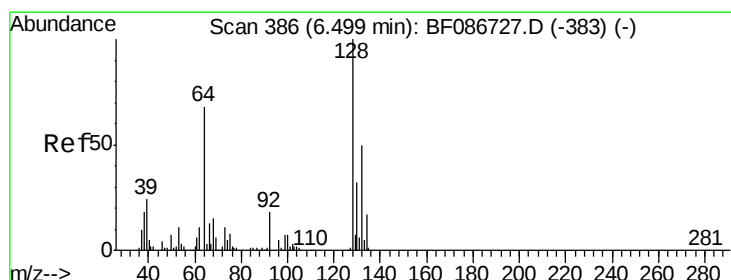
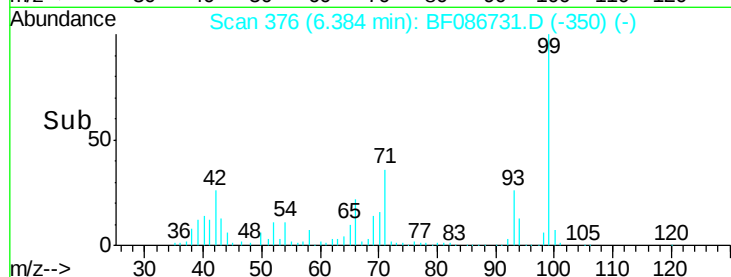
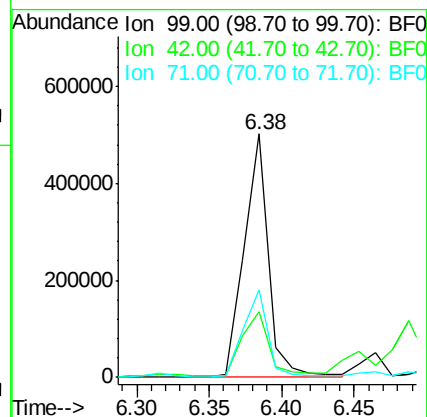
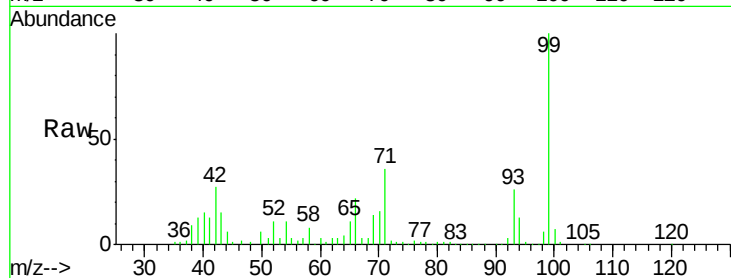
ClientSampleId :

MW-1MS

Tgt Ion:	99	Resp:	581825
Ion Ratio	Lower	Upper	
99	100		
42	26.9	13.6	20.4#
71	36.0	24.6	36.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.70 ng

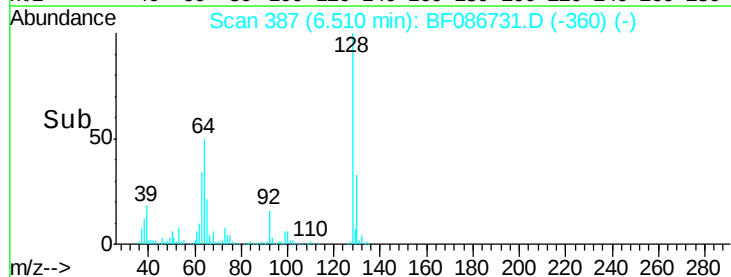
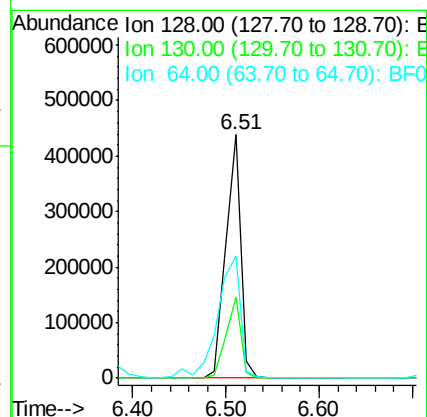
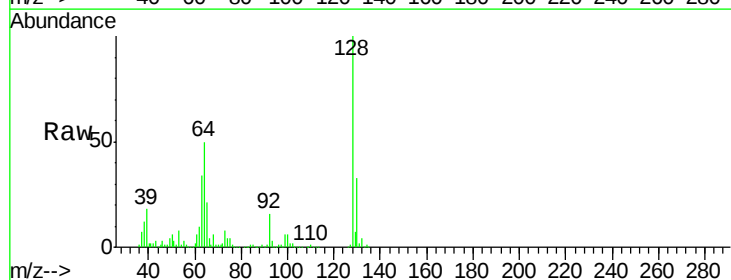
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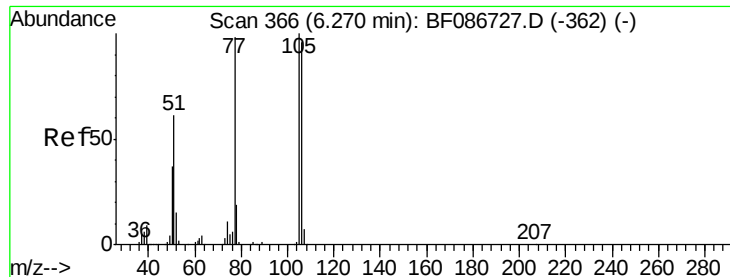
Delta R.T. 0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:	128	Resp:	484552
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.5	52.5
64	50.3	27.3	67.3





#9

Benzaldehyde

Concen: 13.13 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS

Tgt Ion: 77 Resp: 97082

Ion Ratio Lower Upper

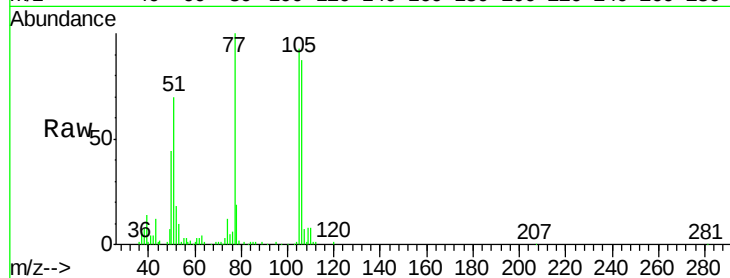
77 100

105 92.8 72.7 112.7

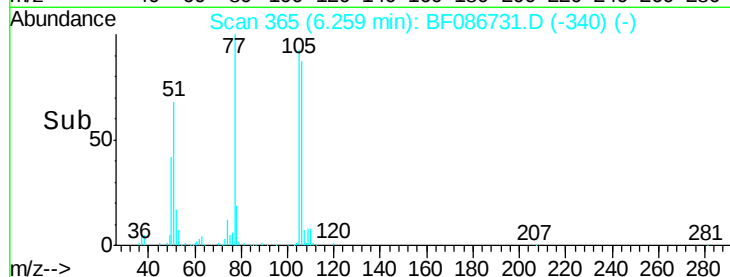
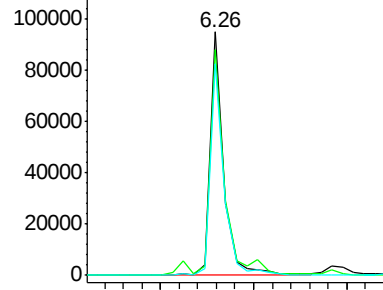
106 87.0 70.8 110.8

Manual Integrations
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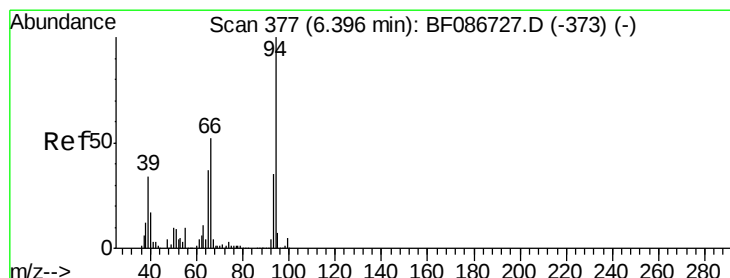
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



Time-->



#10

Phenol

Concen: 13.97 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

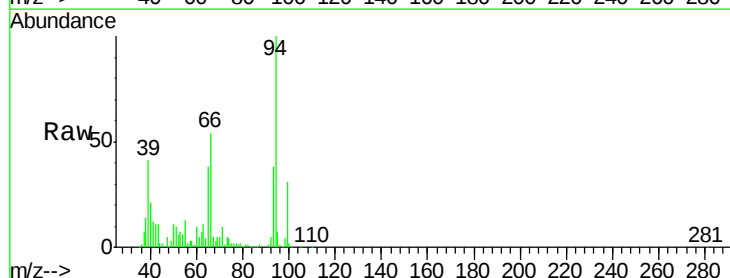
Tgt Ion: 94 Resp: 226510

Ion Ratio Lower Upper

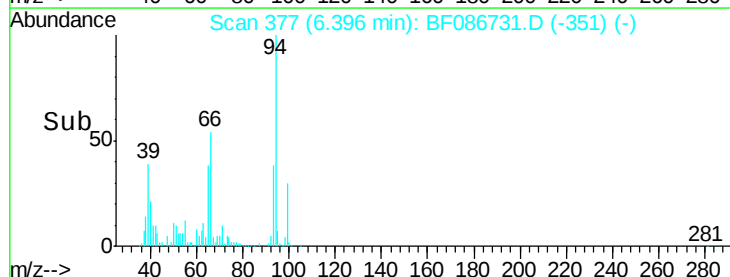
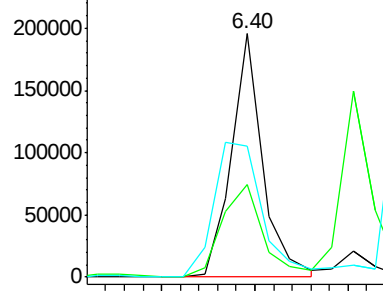
94 100

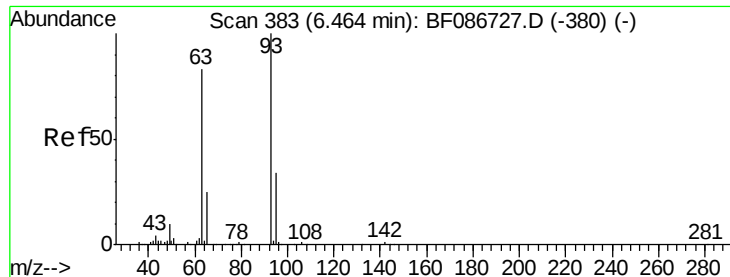
65 38.1 7.2 47.2

66 54.0 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.18 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

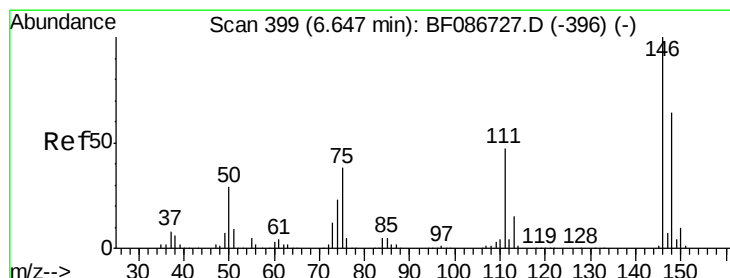
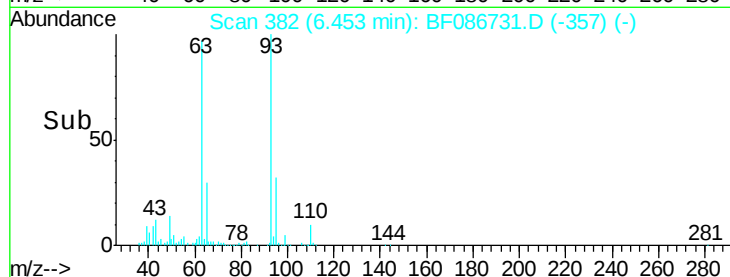
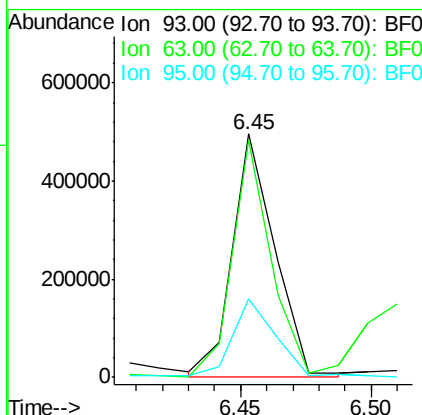
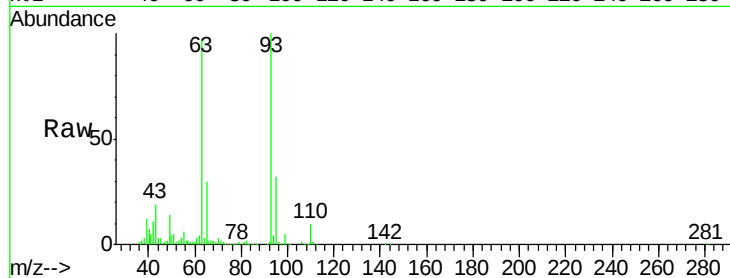
ClientSampleId :

MW-1MS

Tgt Ion:	93	Resp:	560765
Ion	Ratio	Lower	Upper
93	100		
63	97.2	58.0	98.0
95	32.5	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.87 ng

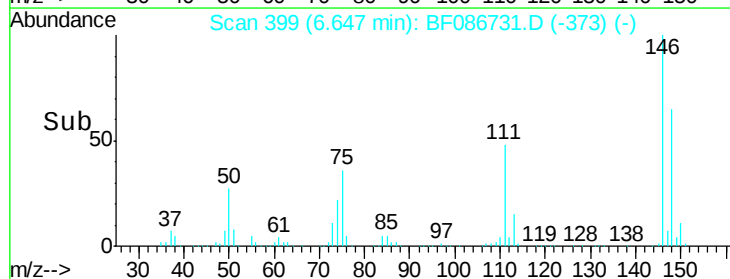
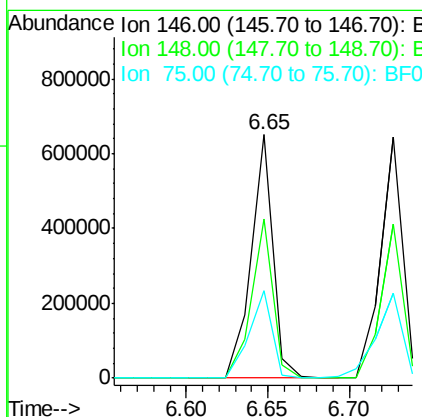
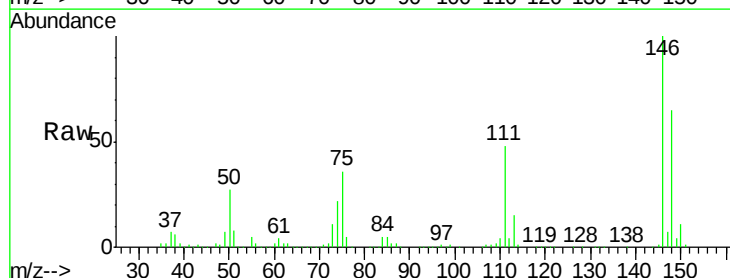
RT: 6.65 min Scan# 399

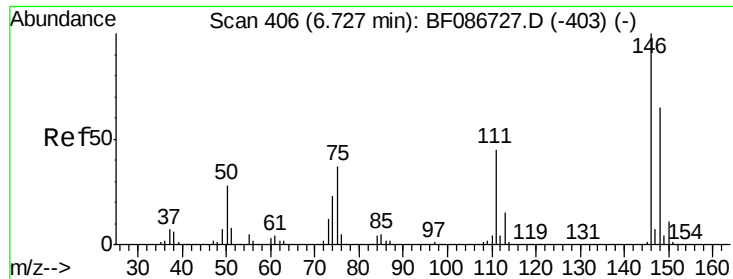
Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:	146	Resp:	600999
Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.4	78.6
75	36.2	22.8	34.2#





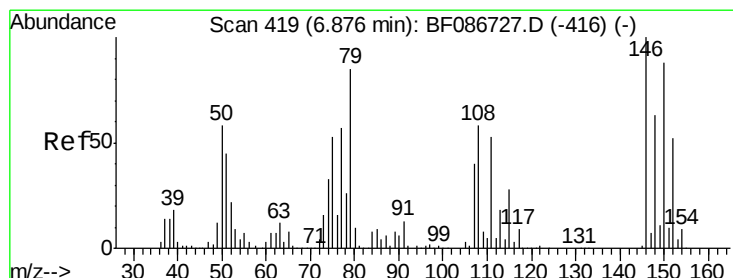
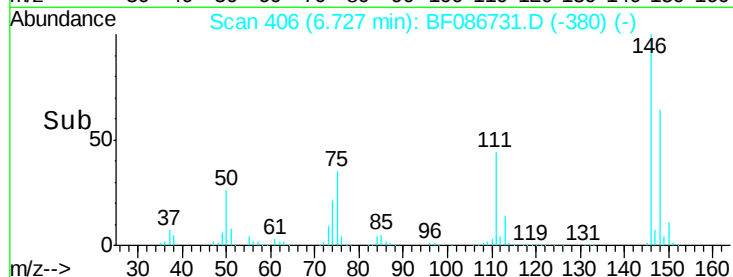
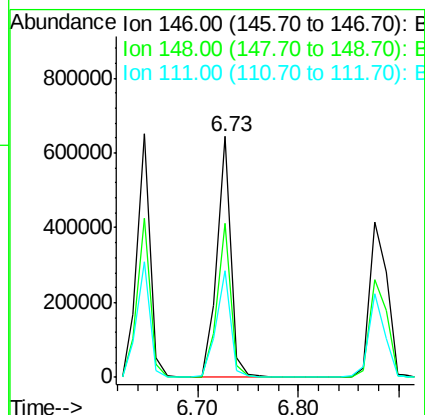
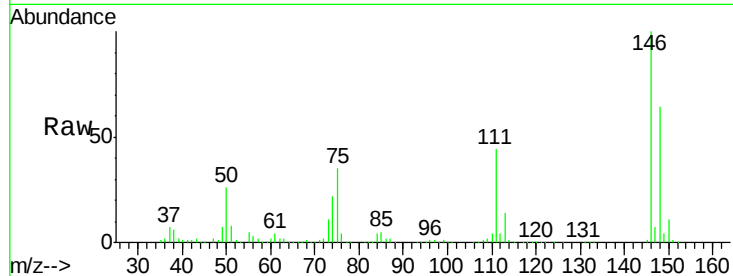
#13
 1,4-Dichlorobenzene
 Concen: 42.74 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampled :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	619566		
148	64.2	52.2	78.4	
111	44.3	30.7	46.1	

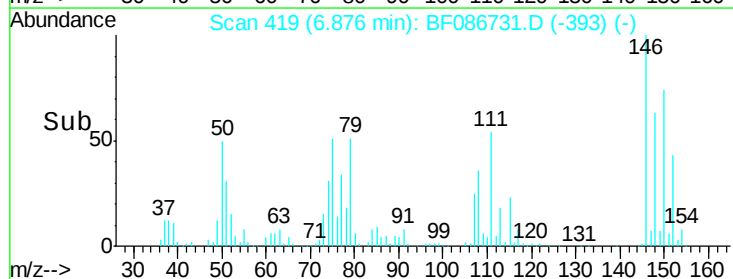
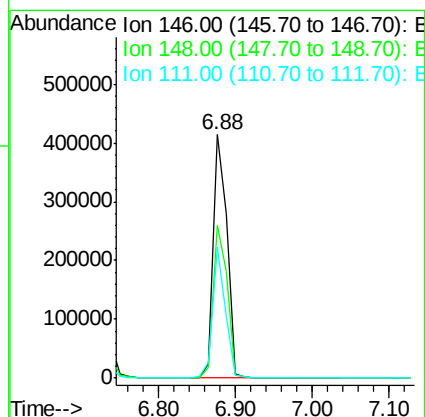
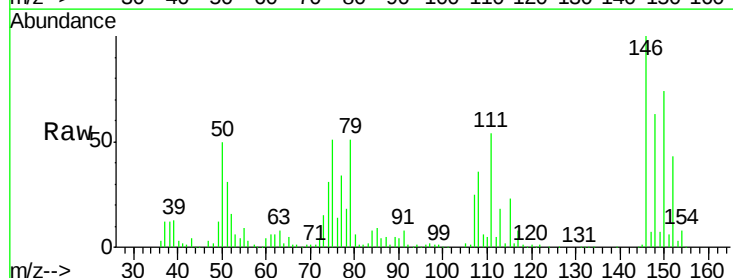
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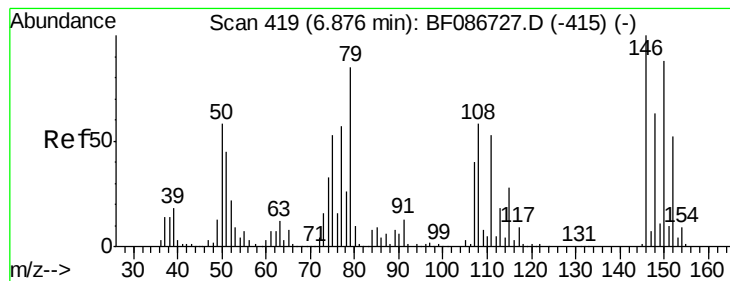
Sohil
 5/9/2016 7:17:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.94 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	504130		
148	63.0	51.0	76.6	
111	54.0	36.2	54.4	





#15

Benzyl Alcohol

Concen: 32.78 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampled :

MW-1MS

Tgt Ion: 79 Resp: 314270
Ion Ratio Lower Upper

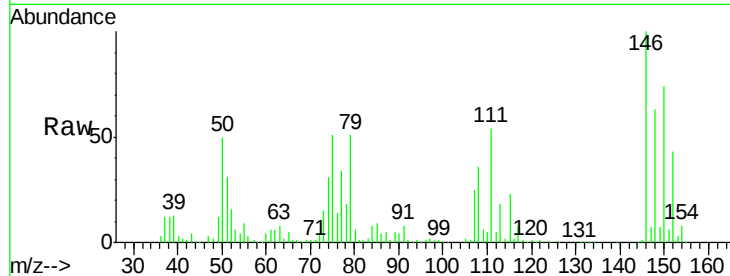
79 100

108 70.6 68.4 102.6

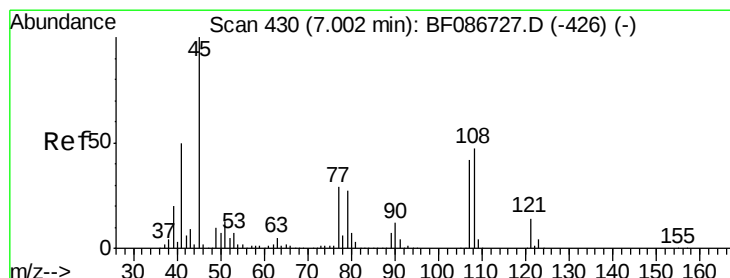
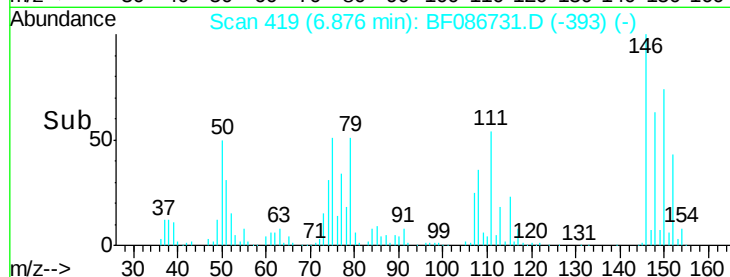
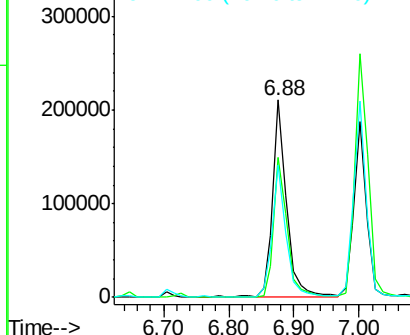
77 66.9 50.6 76.0

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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: 41.63 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086731.D

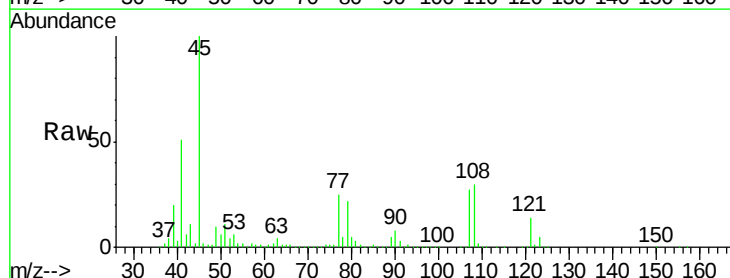
Acq: 6 May 2016 18:37

Tgt Ion: 45 Resp: 1187683
Ion Ratio Lower Upper

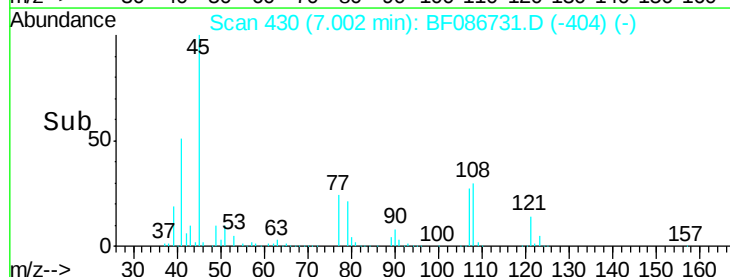
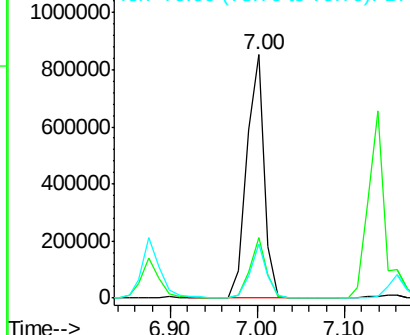
45 100

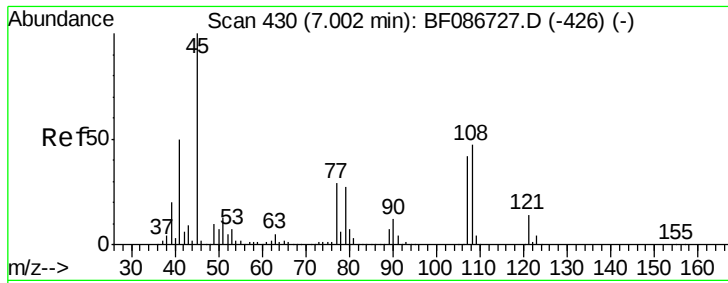
77 24.6 0.0 36.4

79 22.0 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: 29.60 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086731.D

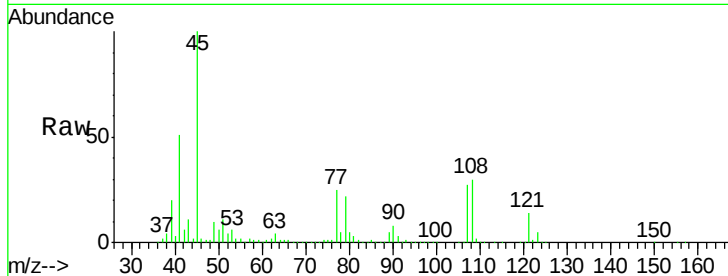
Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampled :

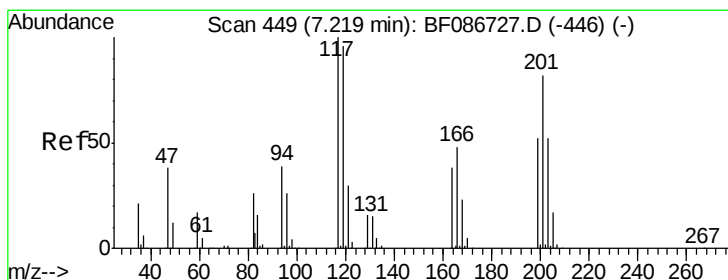
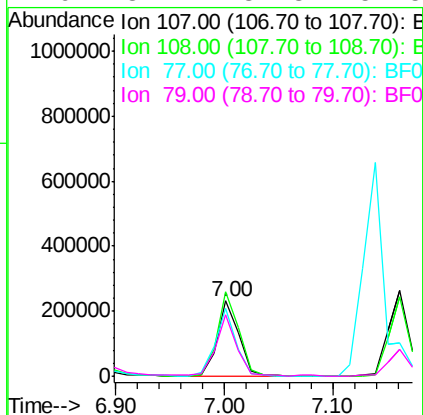
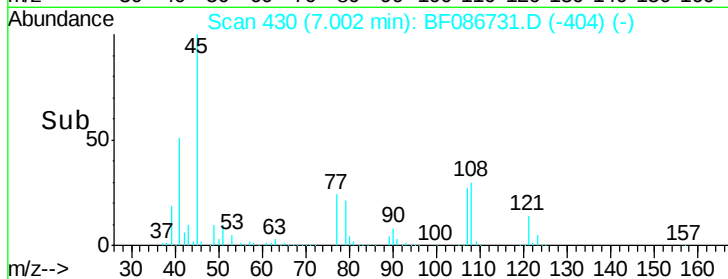
MW-1MS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	314660		
108	112.5	93.7	140.5	
77	91.0	33.4	50.0	
79	81.4	34.3	51.5	

Manual Integrations
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#18

Hexachloroethane

Concen: 43.79 ng

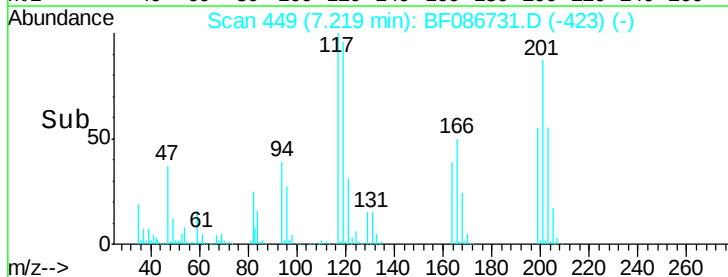
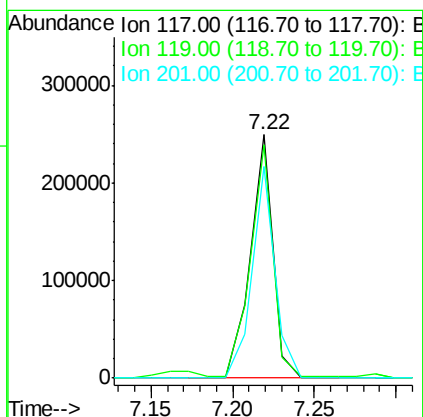
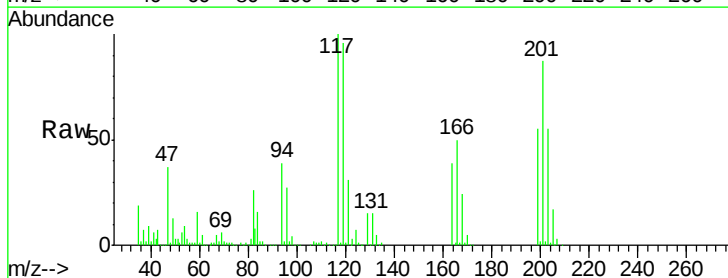
RT: 7.22 min Scan# 449

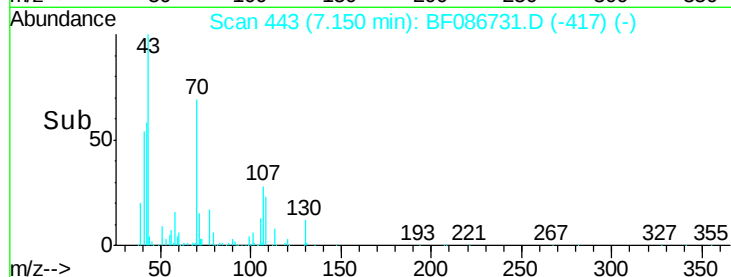
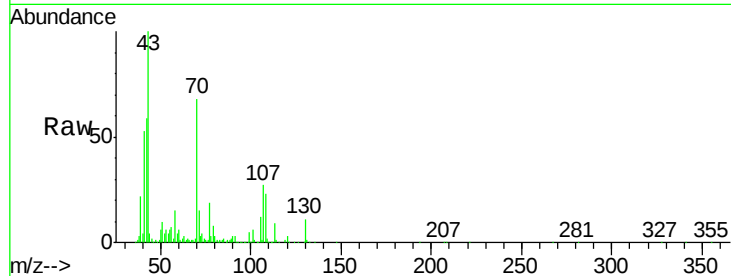
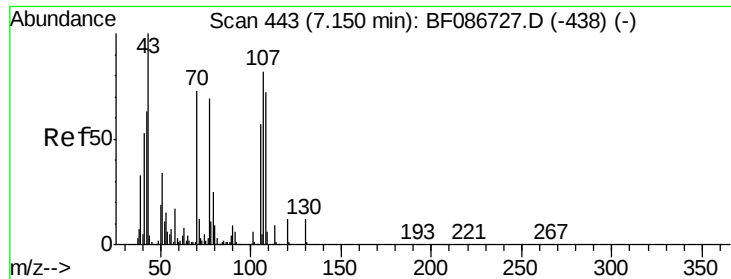
Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	239623		
119	95.8	76.5	114.7	
201	87.2	63.0	94.6	





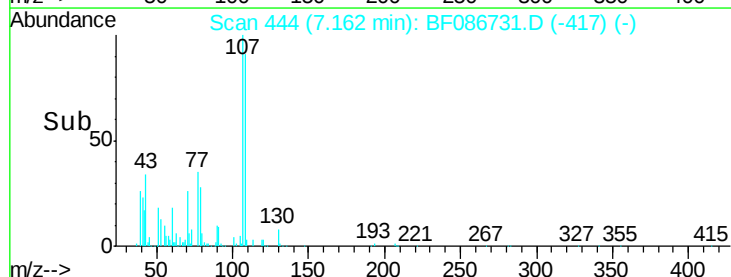
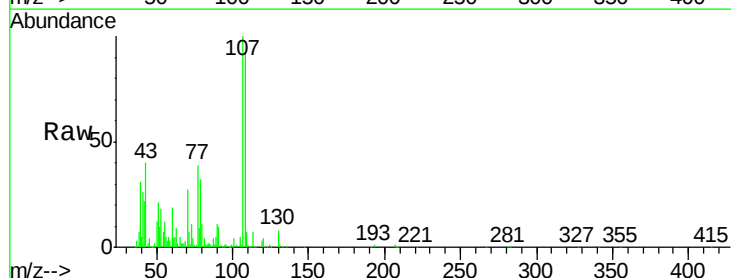
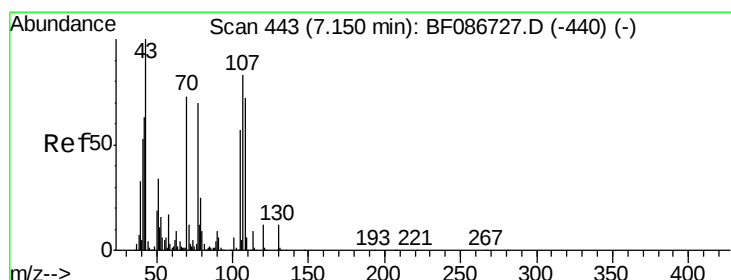
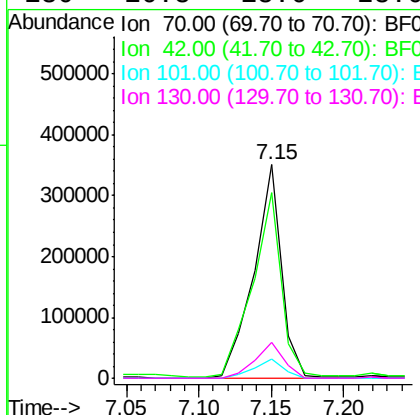
#19
n-Nitroso-di-n-propylamine
Concen: 45.96 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampled :
MW-1MS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	86.7	43.1	64.7#
101	9.1	8.1	12.1
130	16.8	18.6	28.0#

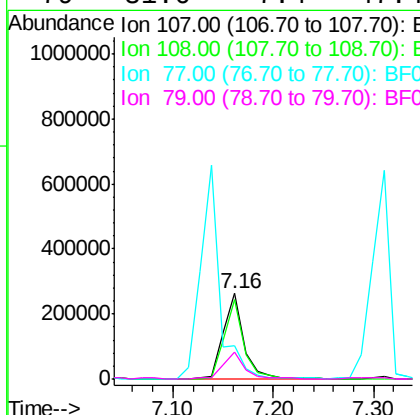
Manual Integrations
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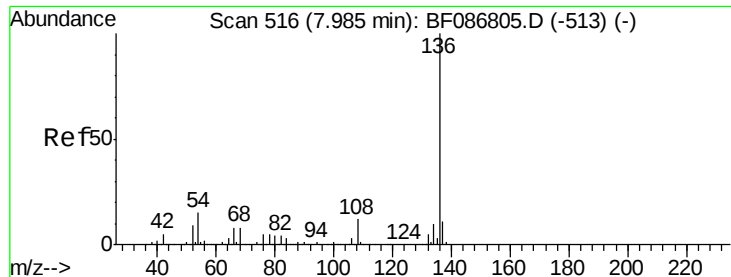
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#20
3+4-Methylphenols
Concen: 29.43 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	91.8	68.5	108.5
77	38.7	101.6	141.6#
79	31.6	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: BF086731.D

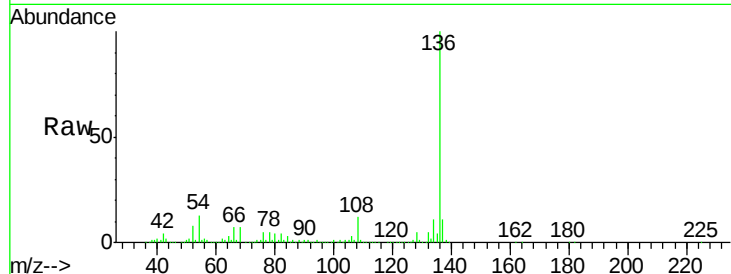
Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS



Tgt Ion:136 Resp: 718506

Ion Ratio Lower Upper

136 100

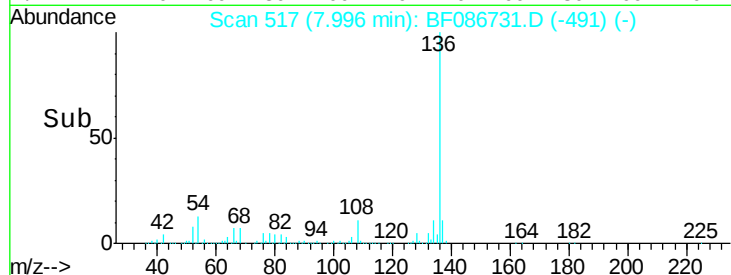
137 11.2 8.8 13.2

54 12.9 5.0 7.4#

68 7.0 4.4 6.6#

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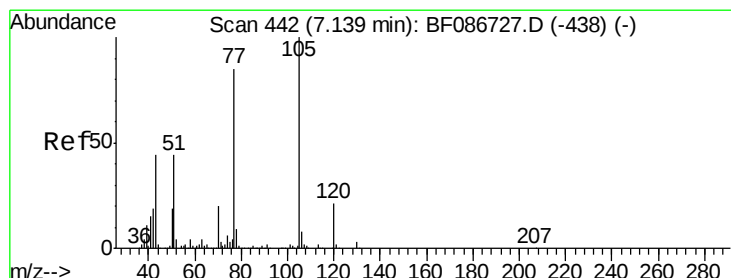
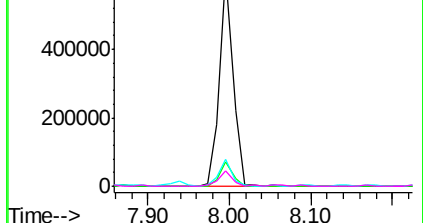


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.56 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:105 Resp: 896761

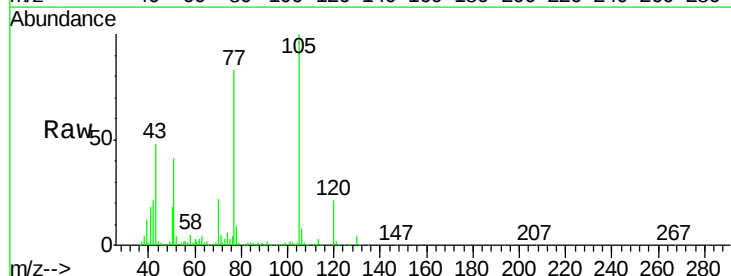
Ion Ratio Lower Upper

105 100

71 4.9 4.8 7.2

51 40.9 32.6 49.0

120 20.9 16.5 24.7

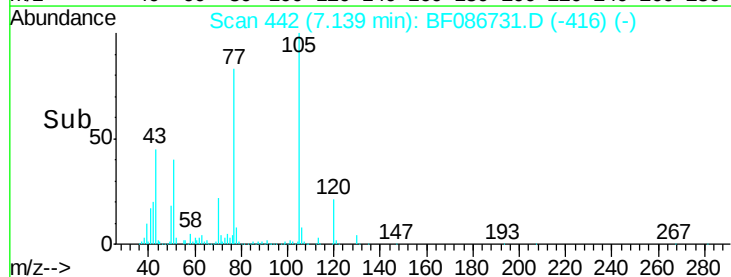
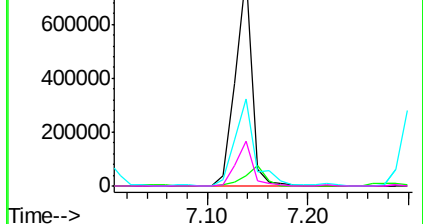


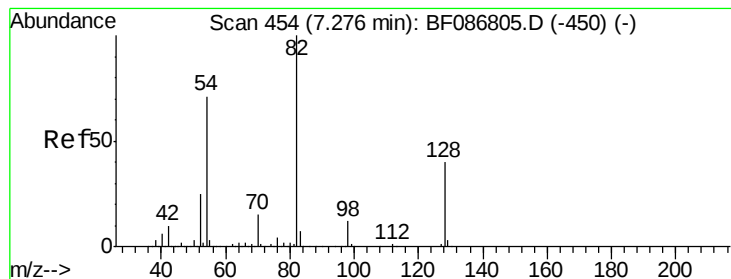
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.79 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS

Tgt Ion: 82 Resp: 1297370

Ion Ratio Lower Upper

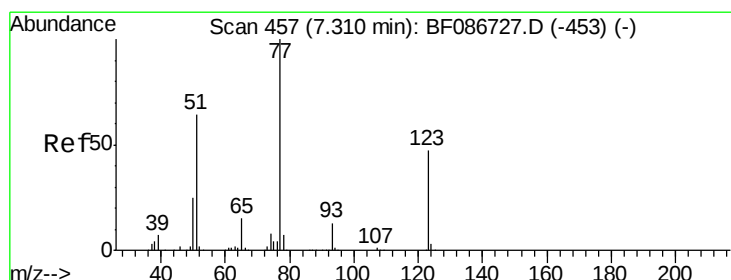
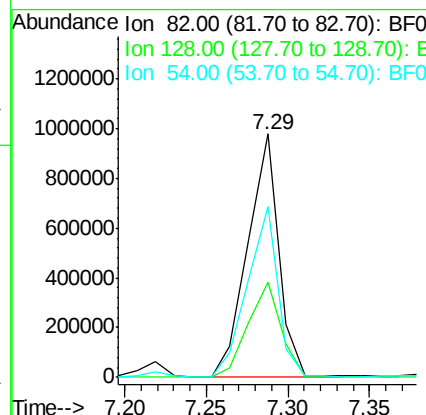
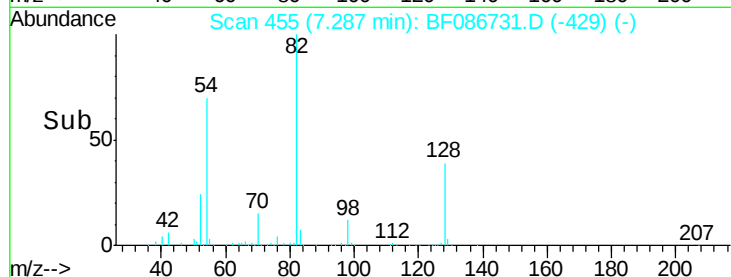
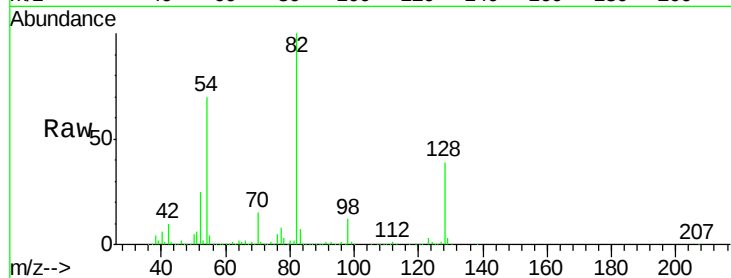
82 100

128 38.8 40.6 61.0#

54 70.1 38.1 57.1#

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#24

Nitrobenzene

Concen: 52.35 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

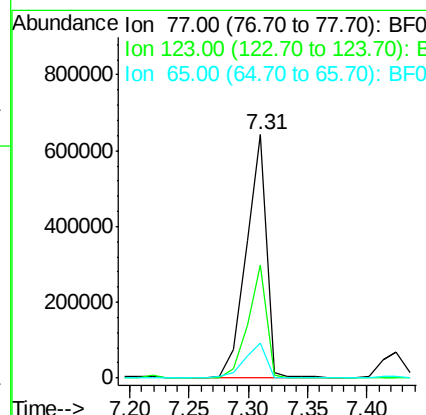
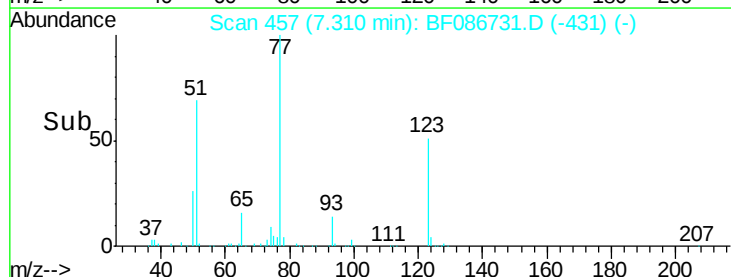
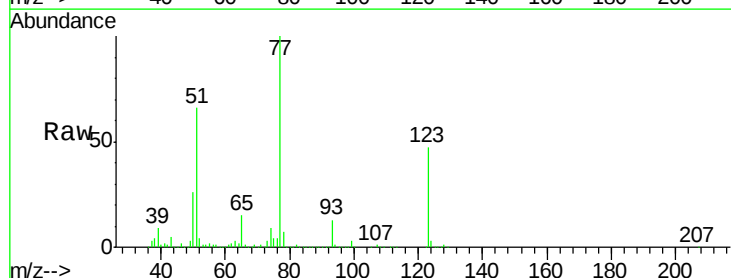
Tgt Ion: 77 Resp: 756776

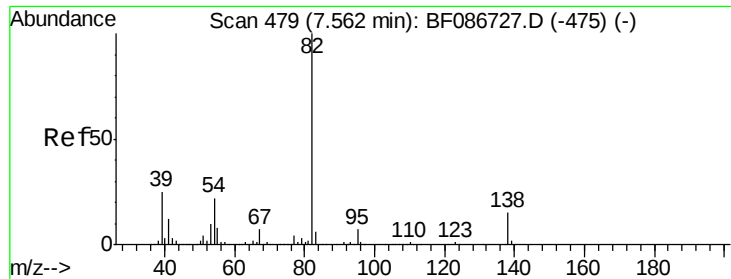
Ion Ratio Lower Upper

77 100

123 46.6 33.0 49.4

65 14.6 10.8 16.2





#25

Isophorone

Concen: 47.42 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS

Tgt Ion: 82 Resp: 1234655

Ion Ratio Lower Upper

82 100

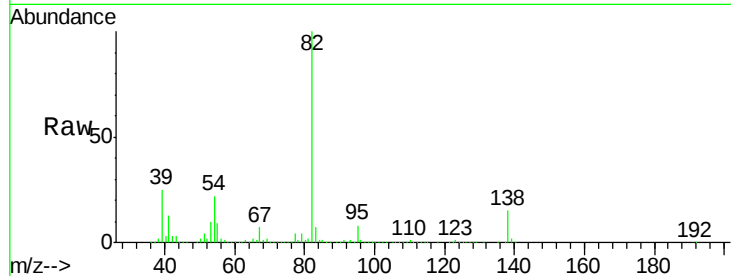
95 7.7 5.1 7.7#

138 15.2 12.4 18.6

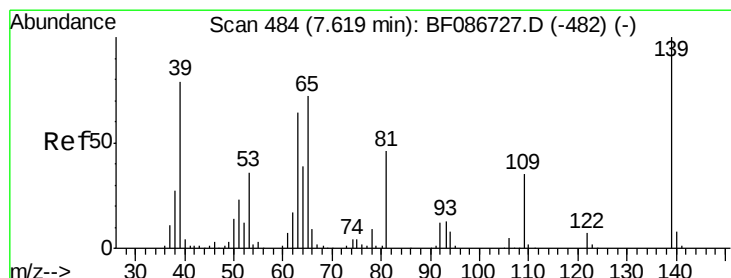
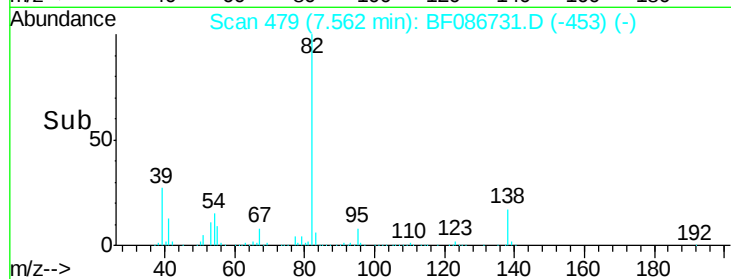
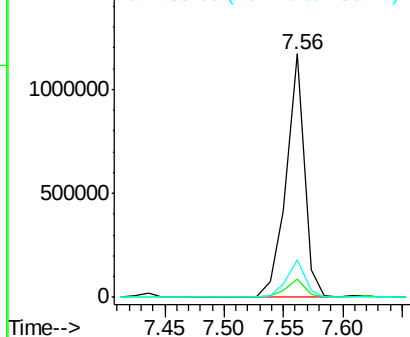
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 45.92 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

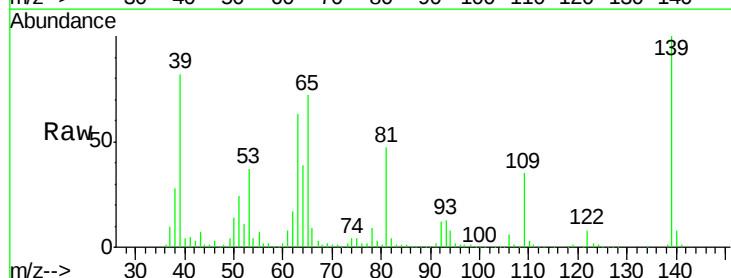
Tgt Ion: 139 Resp: 296193

Ion Ratio Lower Upper

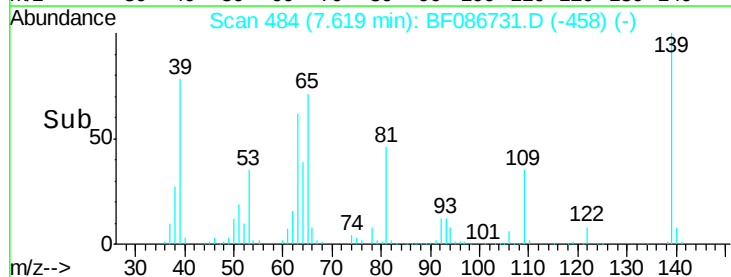
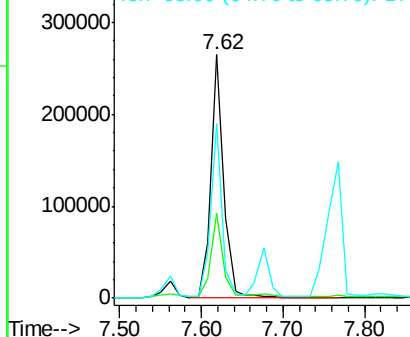
139 100

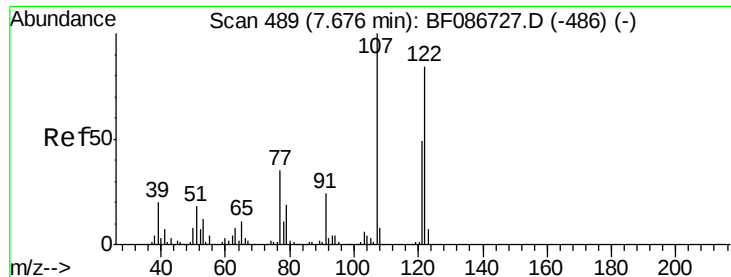
109 34.9 19.5 29.3#

65 71.5 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





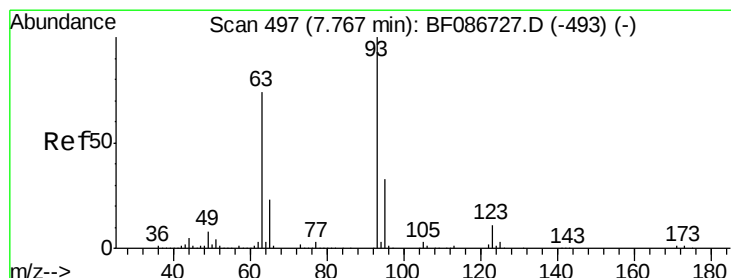
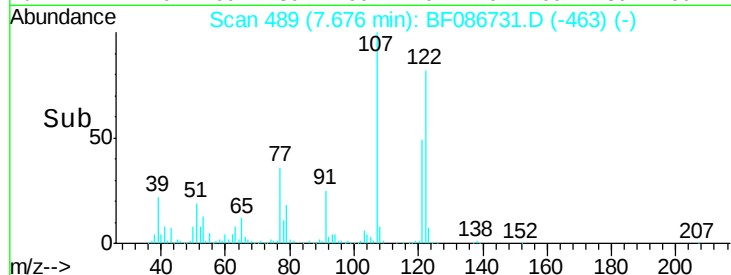
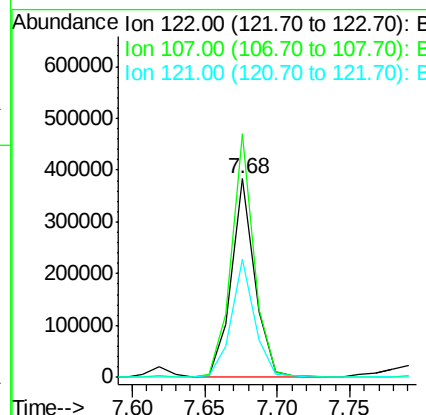
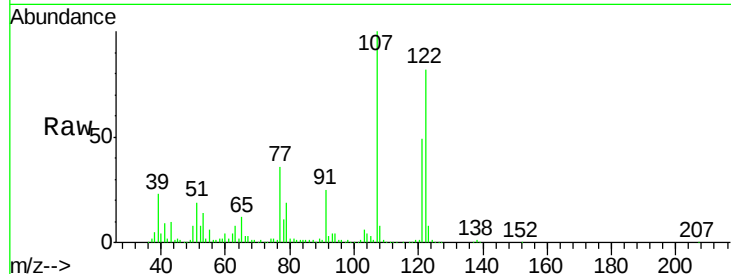
#27
 2,4-Dimethylphenol
 Concen: 38.24 ng
 RT: 7.68 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	433118		
107	122.5	82.0	123.0	
121	59.8	46.1	69.1	

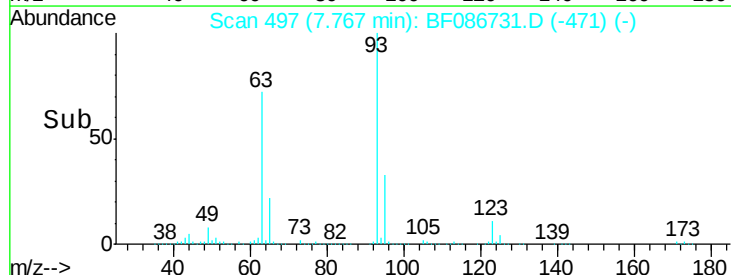
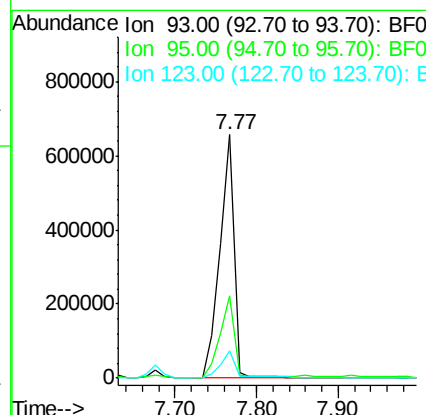
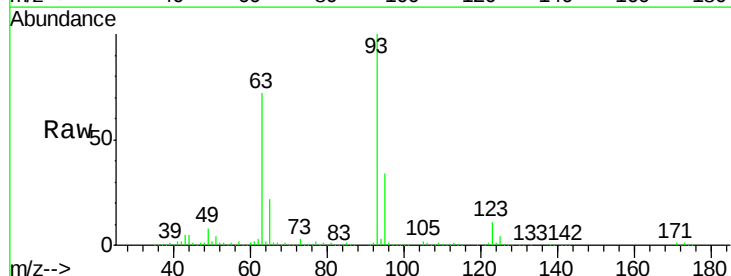
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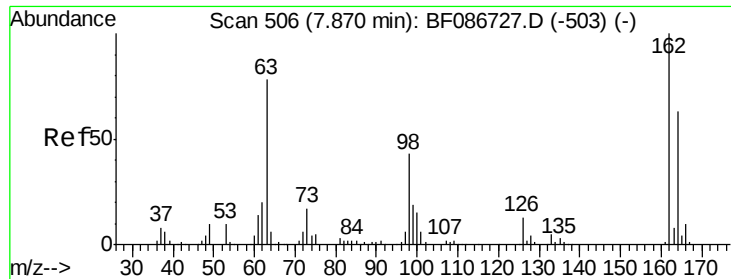
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 55.93 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	801625		
95	33.7	26.0	39.0	
123	11.0	9.5	14.3	





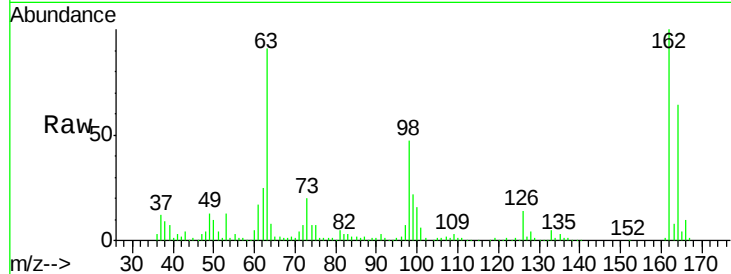
#29
 2,4-Dichlorophenol
 Concen: 45.04 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampled :
 MW-1MS

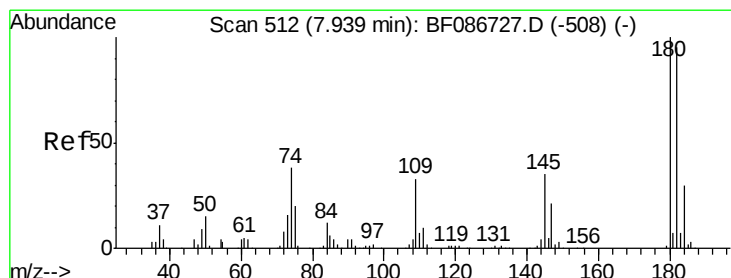
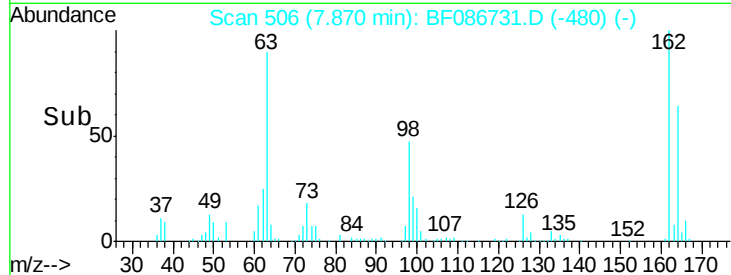
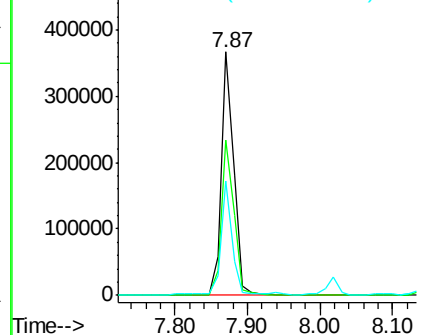
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	438601		
164	63.6	42.2	82.2	
98	47.1	19.0	59.0	

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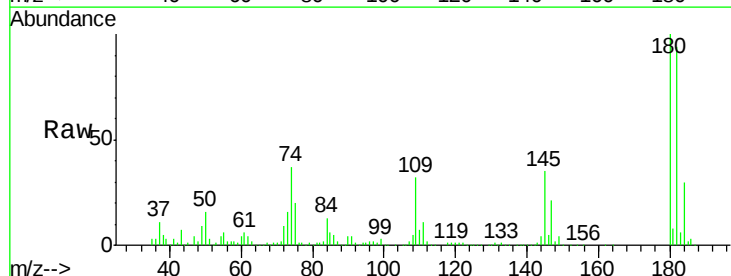


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

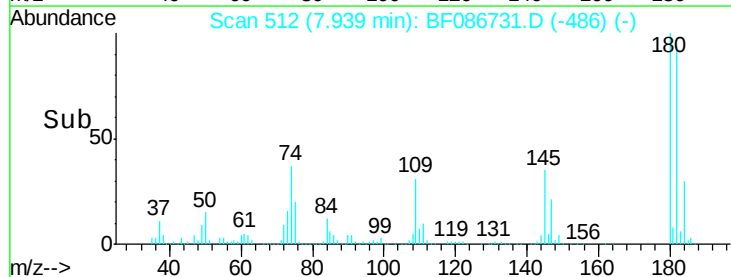
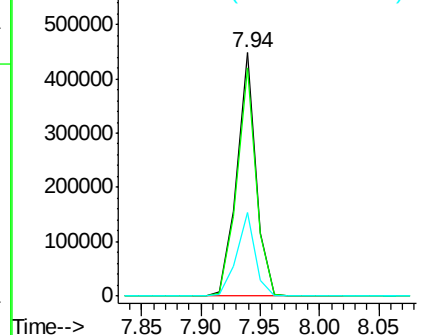


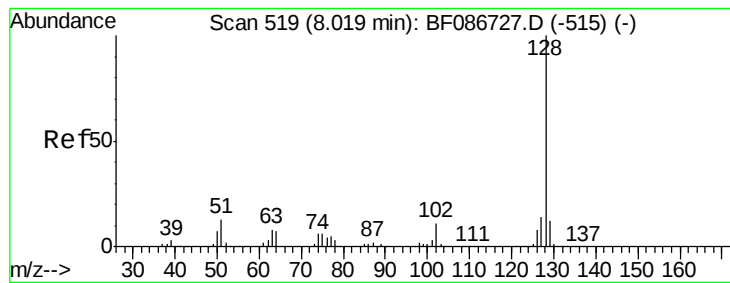
#30
 1,2,4-Trichlorobenzene
 Concen: 46.28 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	502783		
182	94.0	78.0	117.0	
145	34.6	24.2	36.2	



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





#31

Naphthalene

Concen: 43.73 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS

Tgt Ion:128 Resp: 1605193

Ion Ratio Lower Upper

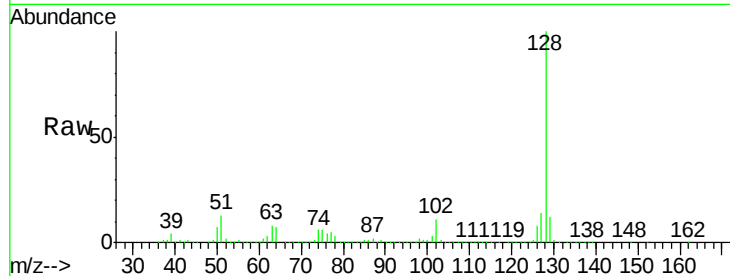
128 100

129 11.7 8.6 13.0

127 13.9 10.8 16.2

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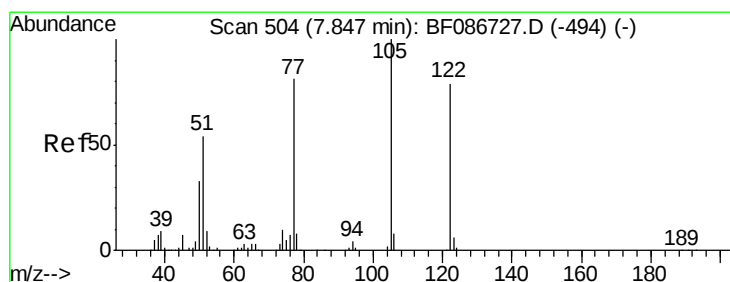
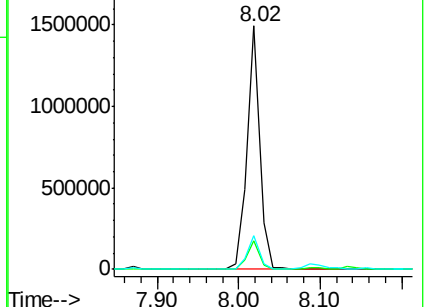
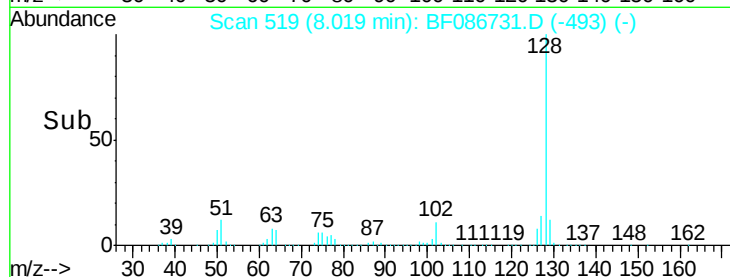
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.95 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

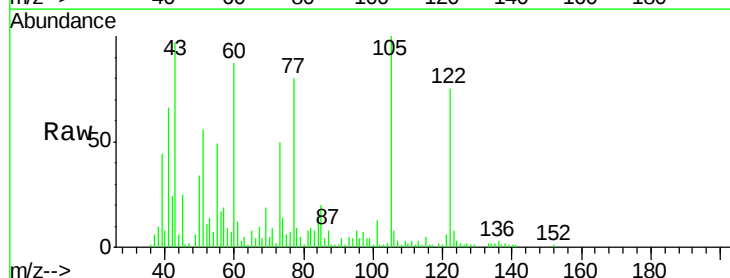
Tgt Ion:122 Resp: 147500

Ion Ratio Lower Upper

122 100

105 133.7 92.6 132.6#

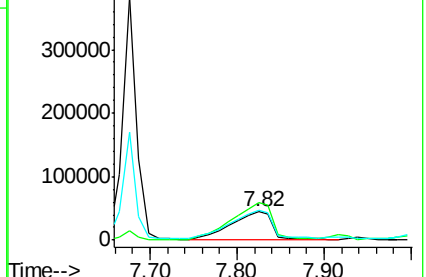
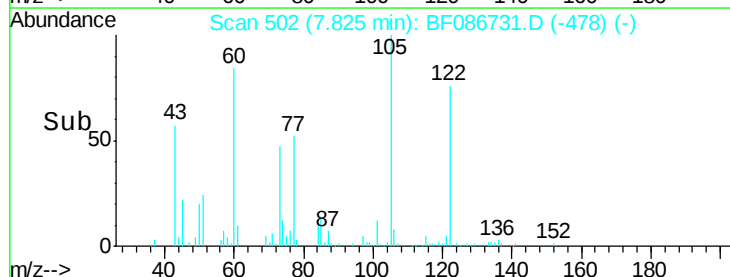
77 106.8 60.0 100.0#

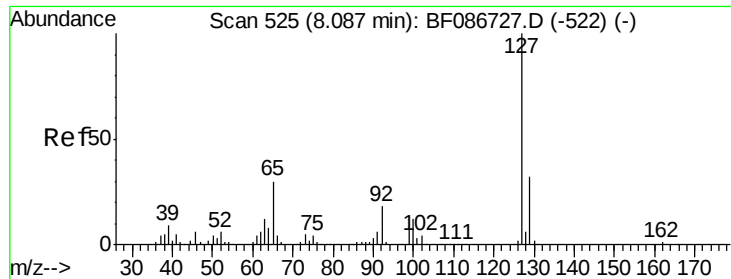


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





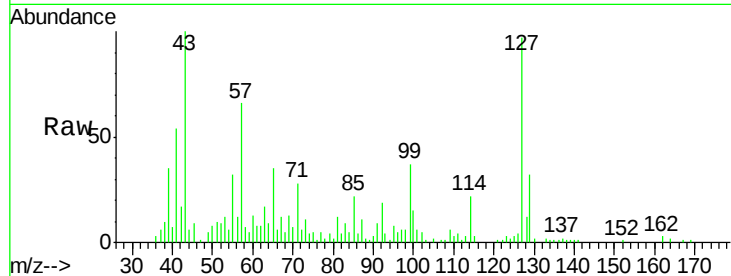
#33
4-Chloroaniline
Concen: 4.25 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

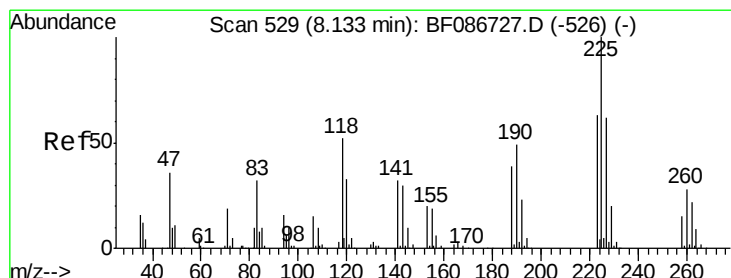
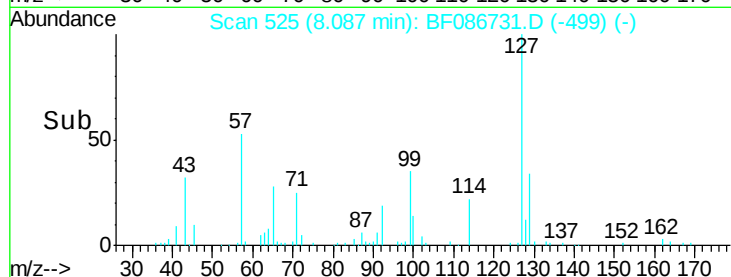
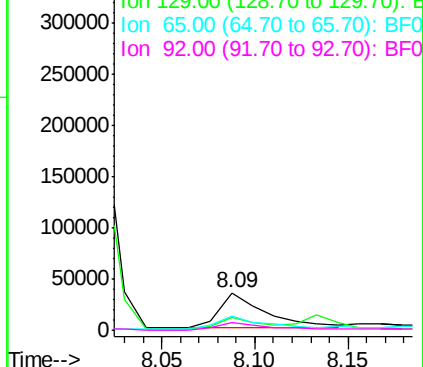
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	60401		
129	33.0	26.2	39.4	
65	36.4	23.0	34.4	
92	19.9	15.1	22.7	

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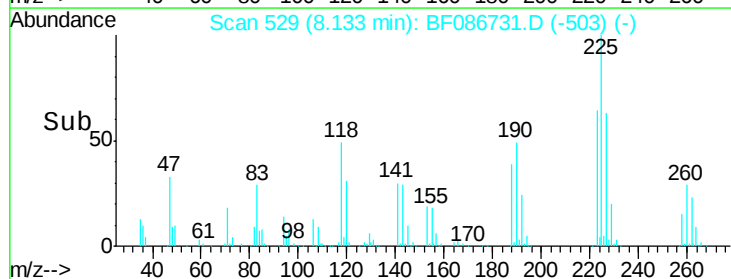
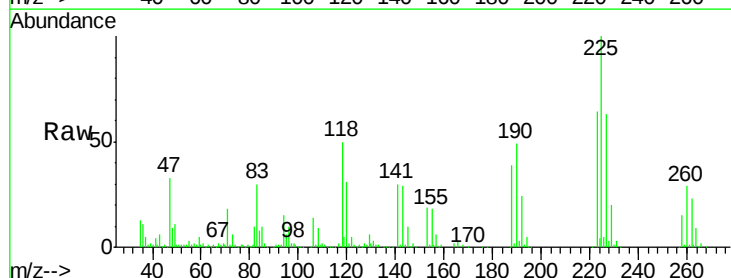
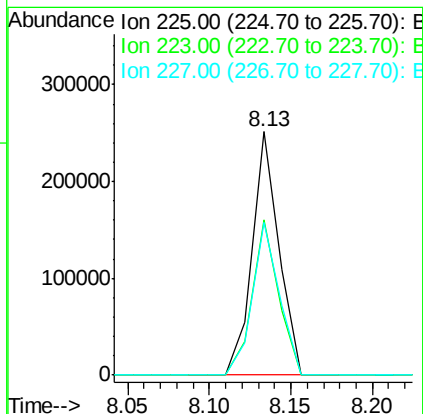
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

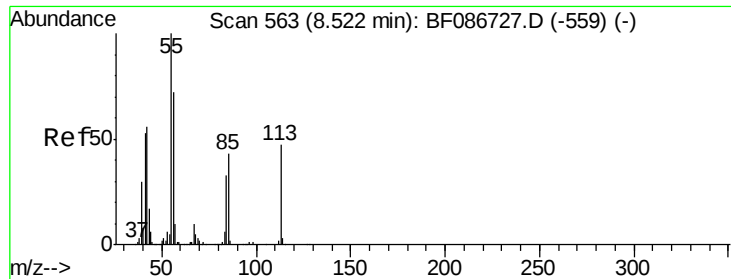


#34
Hexachlorobutadiene
Concen: 46.22 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	285059		
223	64.0	51.5	77.3	
227	62.8	52.2	78.2	

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





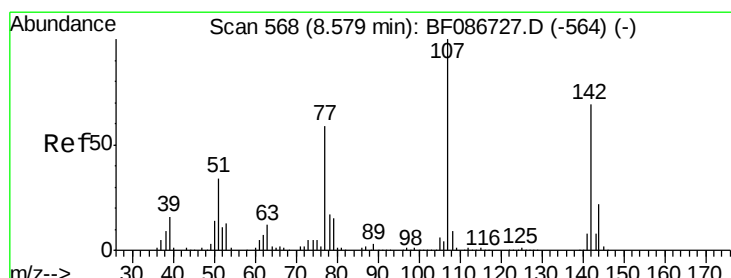
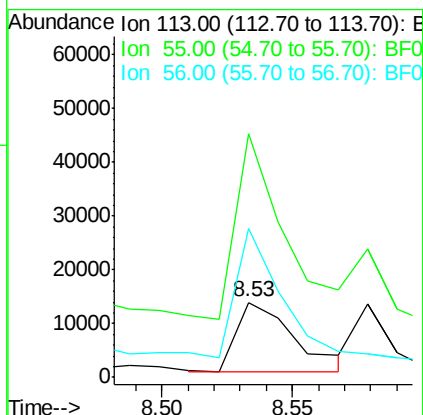
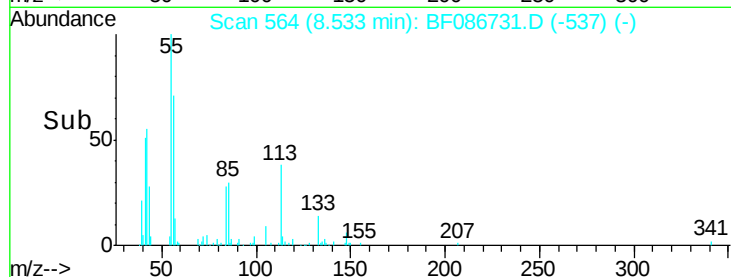
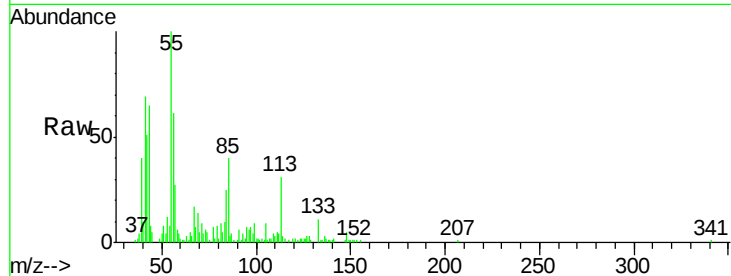
#35
Caprolactam
Concen: 6.72 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	323.4	162.0	202.0#
56	198.6	115.3	155.3#

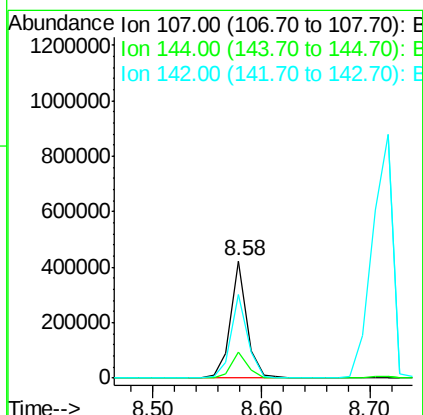
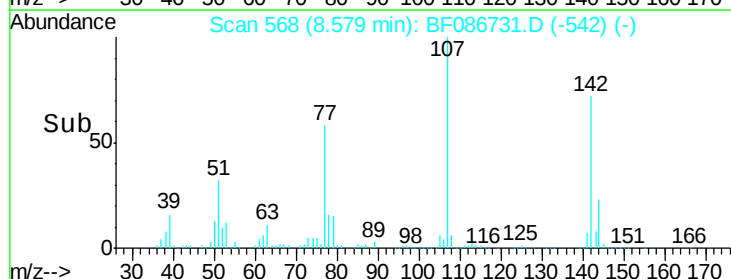
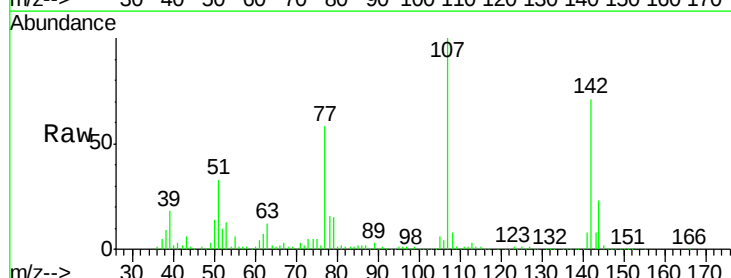
Manual Integrations
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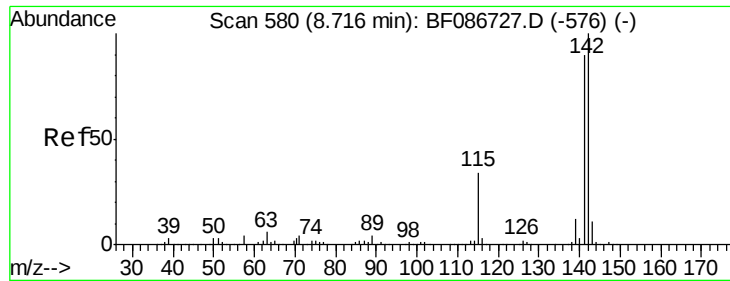
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#36
4-Chloro-3-methylphenol
Concen: 39.67 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	20.7	31.1
142	71.4	63.2	94.8





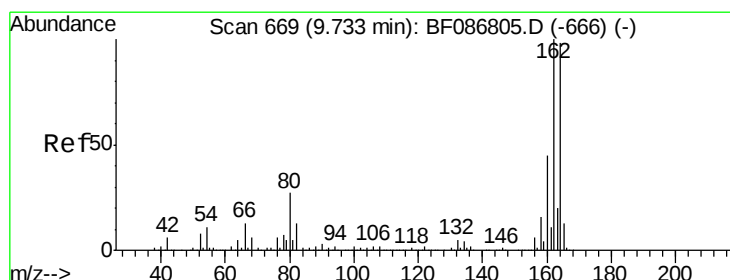
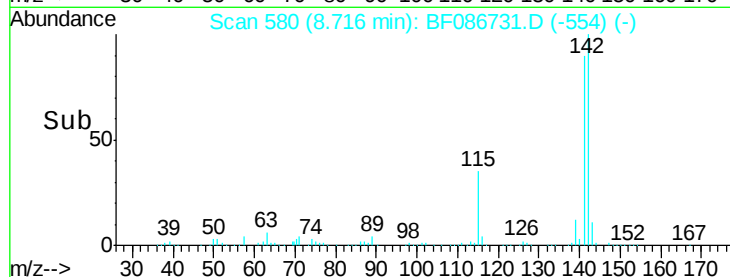
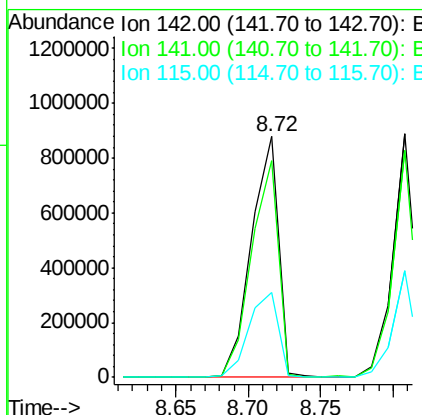
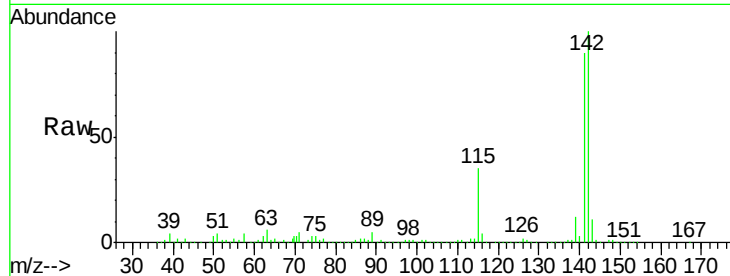
#37
2-Methylnaphthalene
Concen: 52.36 ng
RT: 8.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	35.5	26.6	39.8

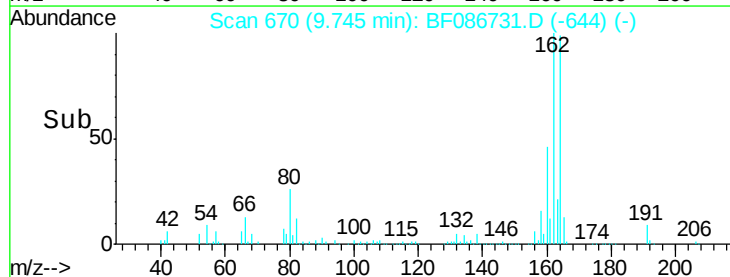
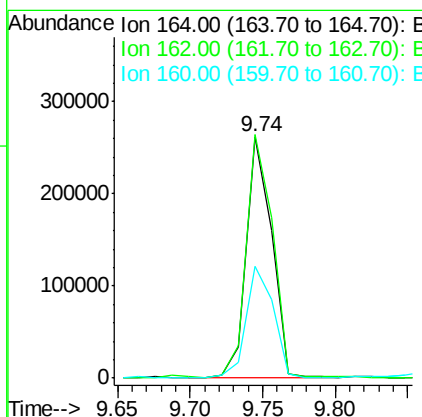
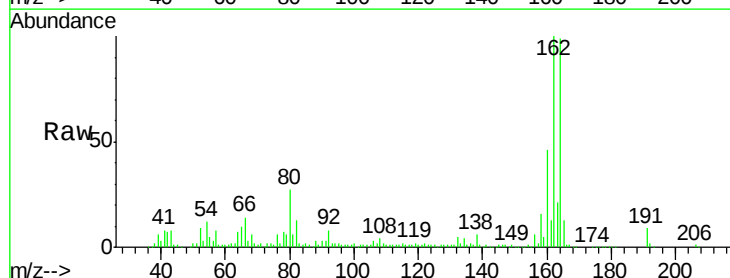
Manual Integrations
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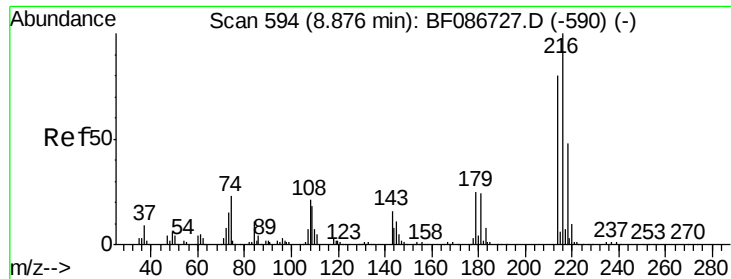
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.8	124.2
160	46.1	36.9	55.3





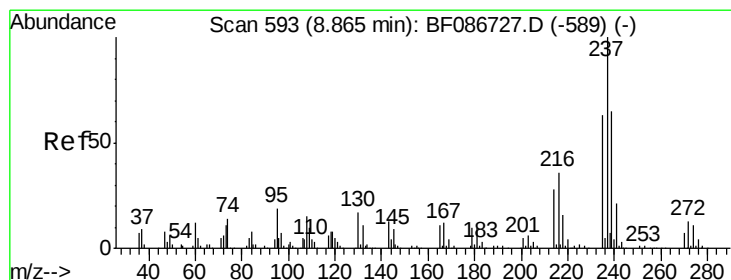
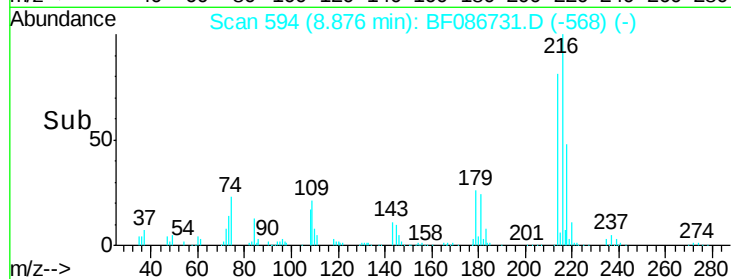
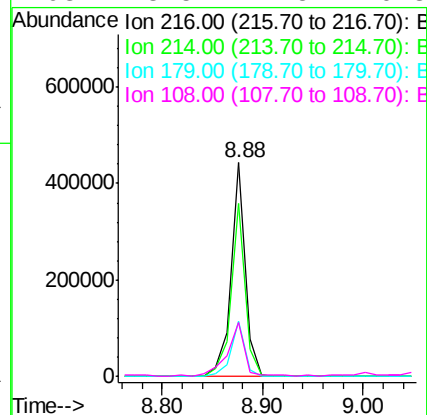
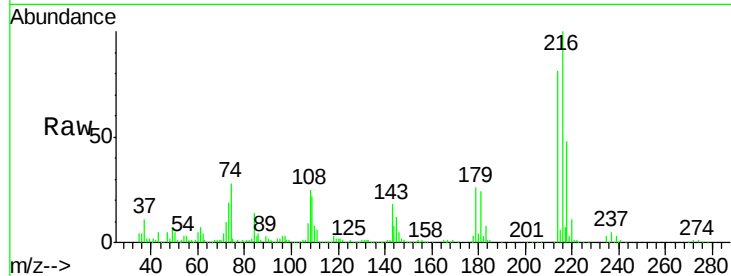
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.42 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	435920		
214	79.8	62.6	93.8	
179	24.7	18.2	27.4	
108	28.5	17.5	26.3	

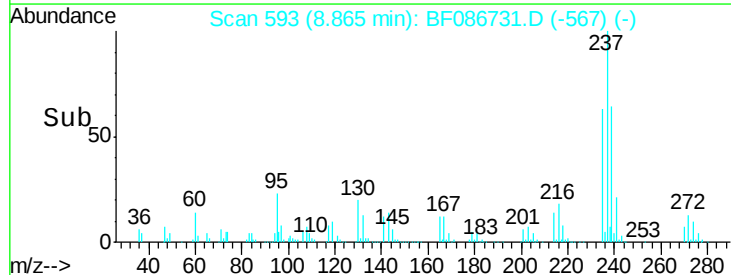
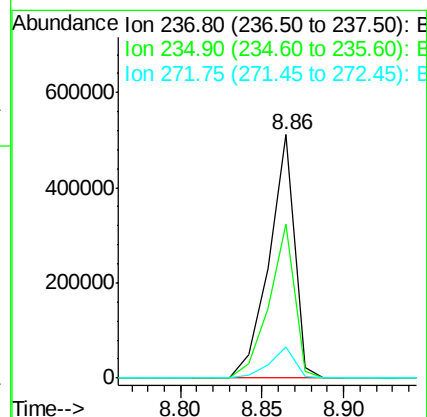
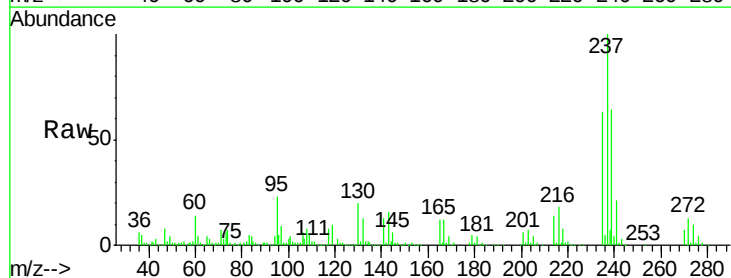
Manual Integrations
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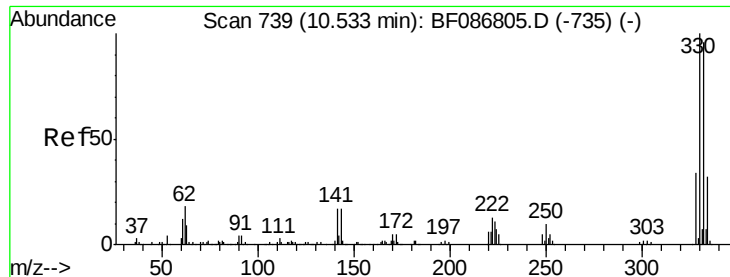
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#40
 Hexachlorocyclopentadiene
 Concen: 127.67 ng
 RT: 8.86 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	557758		
235	63.1	47.2	87.2	
272	12.9	0.0	31.1	





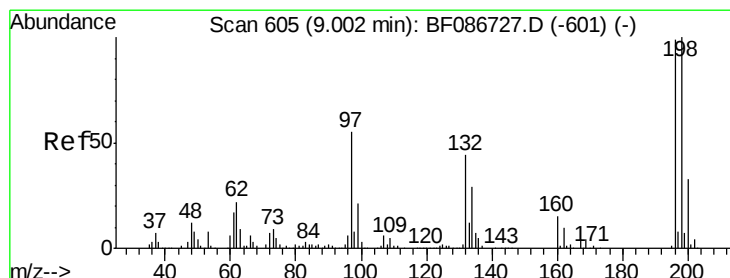
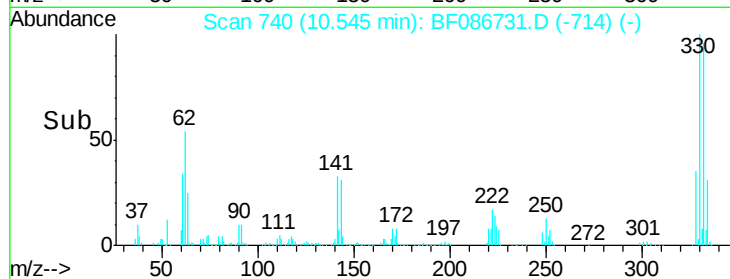
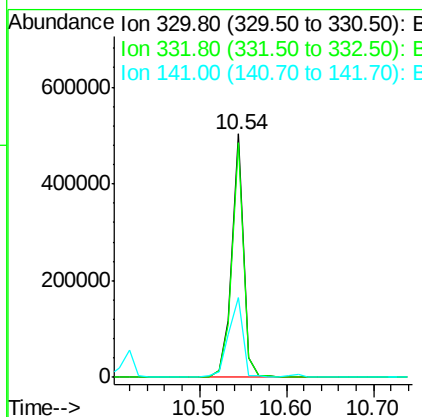
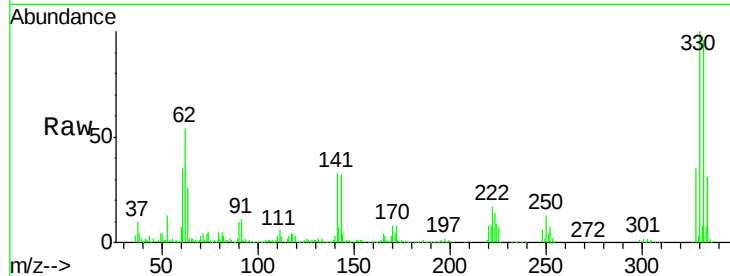
#41
 2,4,6-Tribromophenol
 Concen: 152.07 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampled :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	472460		
332	96.4	79.0	118.4	
141	39.2	31.2	46.8	

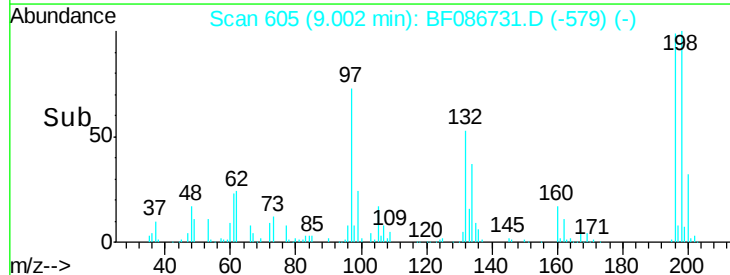
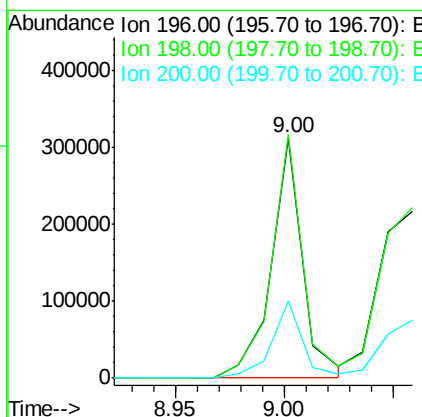
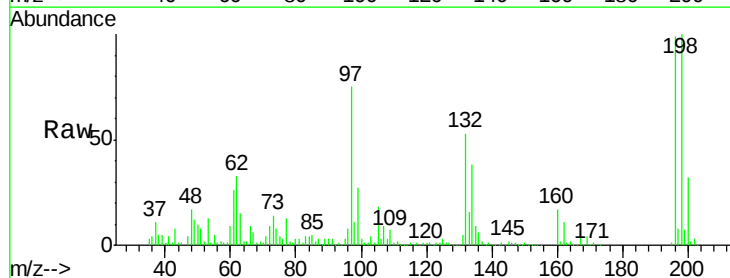
Manual Integrations
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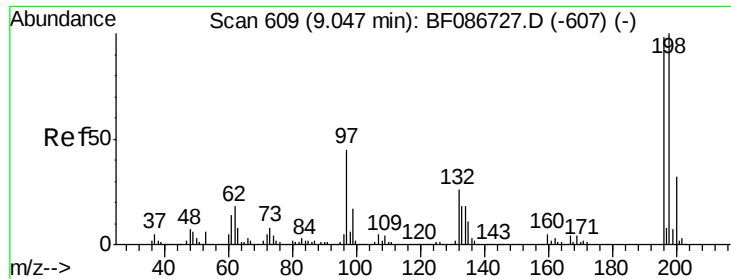
Sohil
 5/9/2016 7:17:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 54.11 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316334		
198	101.3	74.7	112.1	
200	32.1	23.8	35.6	





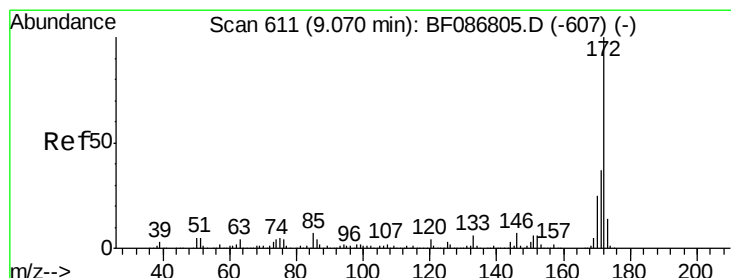
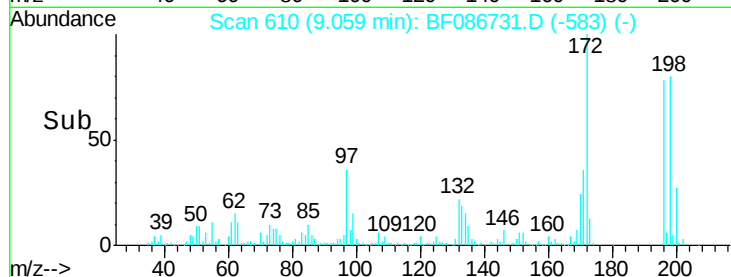
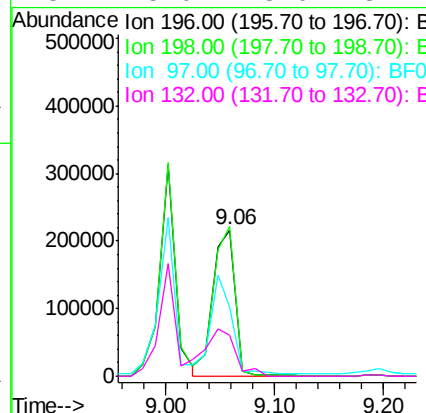
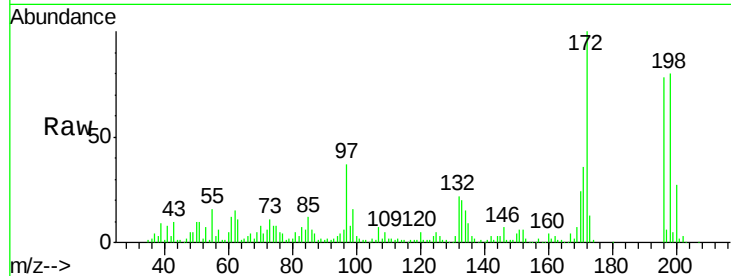
#43
2,4,5-Trichlorophenol
Concen: 50.82 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampled :
MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310368		
198	102.6	77.5	116.3	
97	47.3	34.8	52.2	
132	28.0	23.0	34.4	

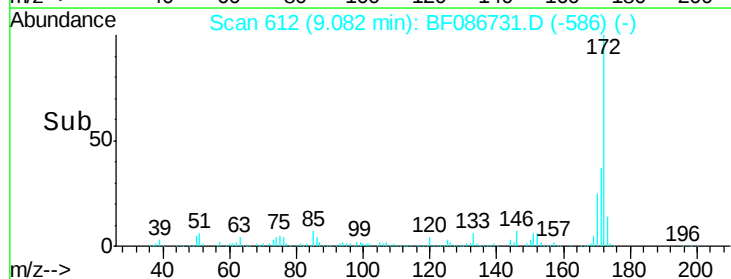
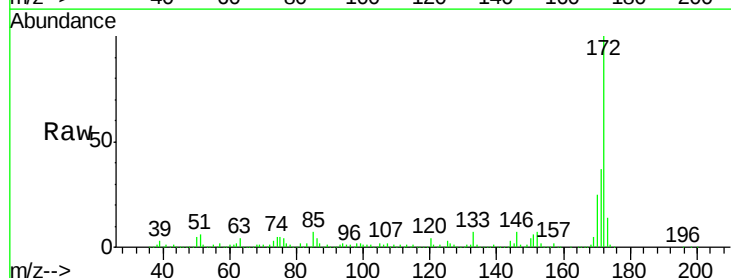
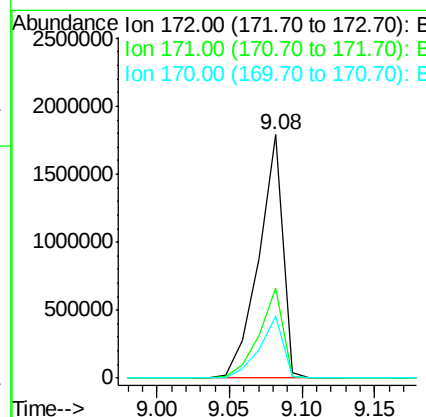
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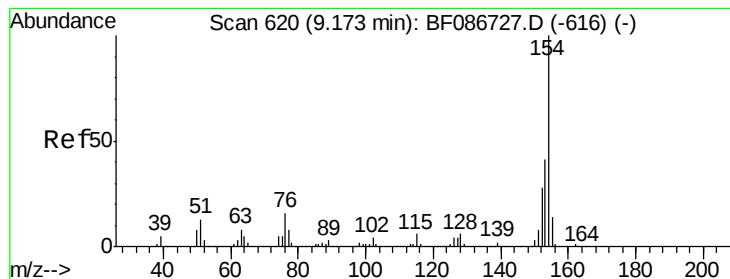
Sohil
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#44
2-Fluorobiphenyl
Concen: 106.40 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2061484		
171	37.0	29.0	43.6	
170	25.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 49.79 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS

Tgt Ion:154 Resp: 1292832

Ion Ratio Lower Upper

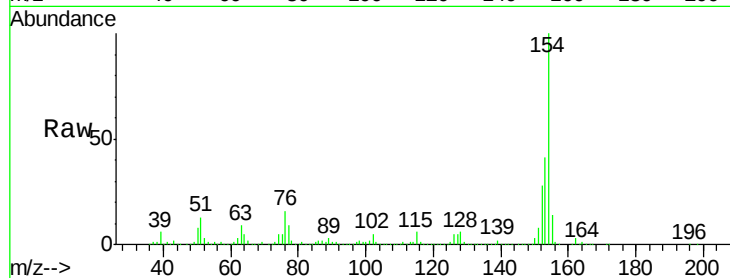
154 100

153 40.7 20.3 60.3

76 16.3 0.0 30.2

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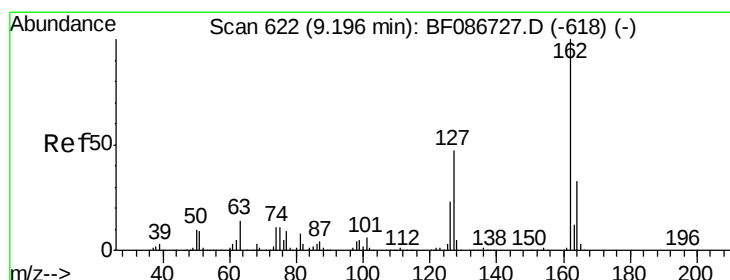
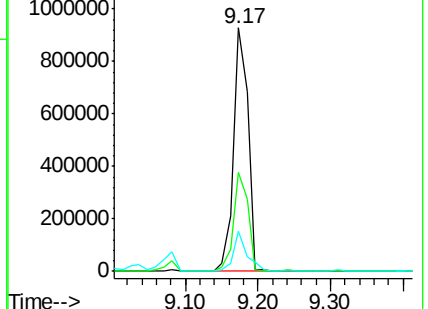
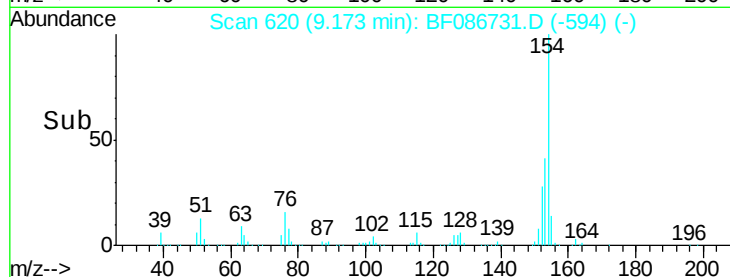
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.65 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

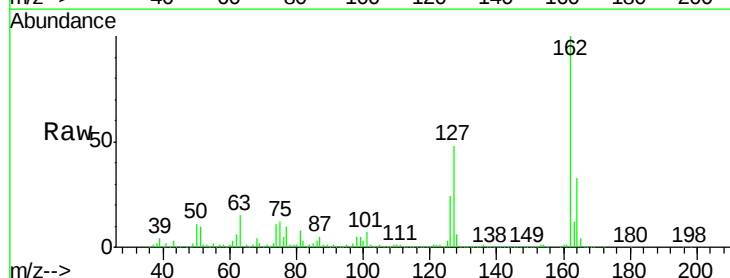
Tgt Ion:162 Resp: 954698

Ion Ratio Lower Upper

162 100

127 48.4 31.8 47.6#

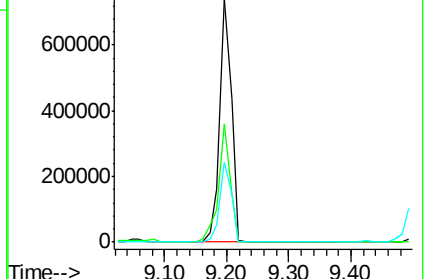
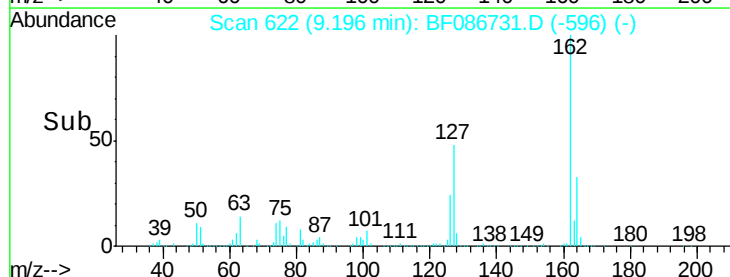
164 32.8 27.0 40.6

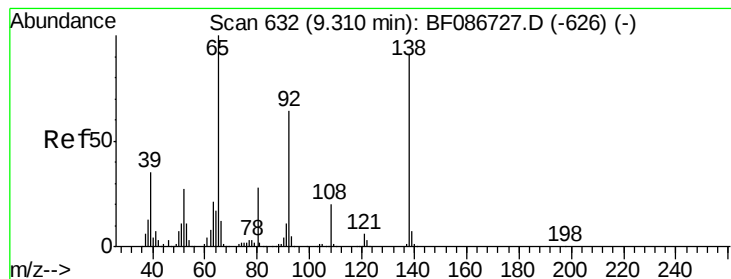


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.82 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

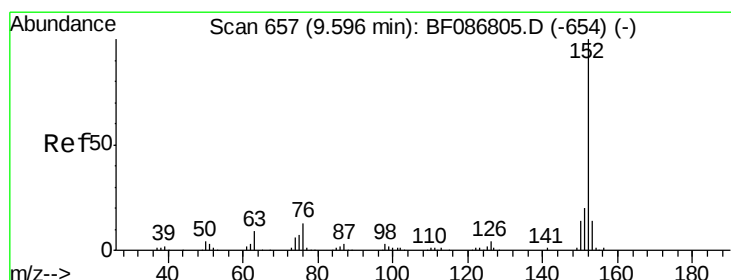
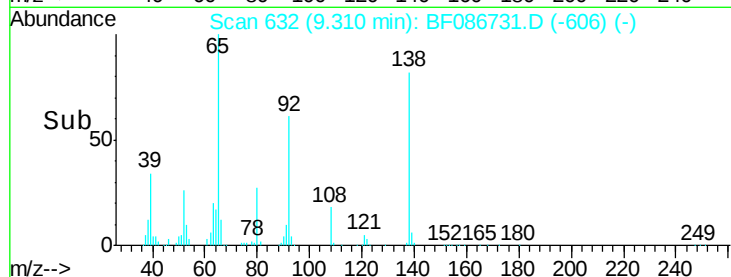
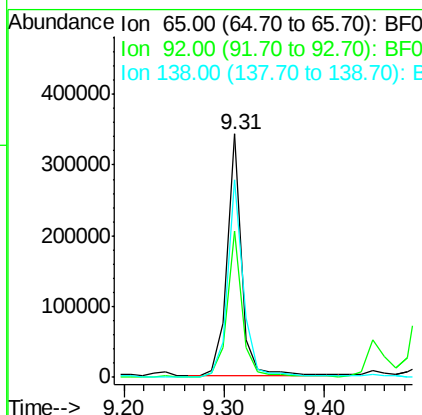
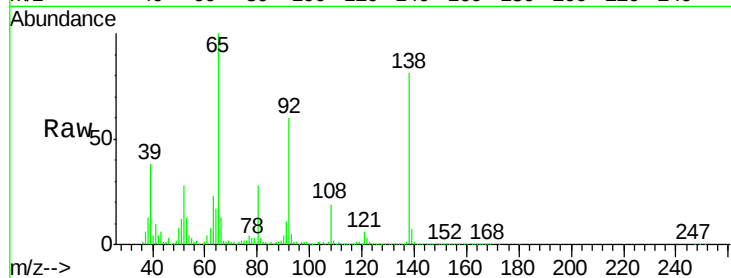
ClientSampleId :

MW-1MS

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Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.2	57.4	86.2
138	81.4	90.1	135.1#



#48

Acenaphthylene

Concen: 49.47 ng

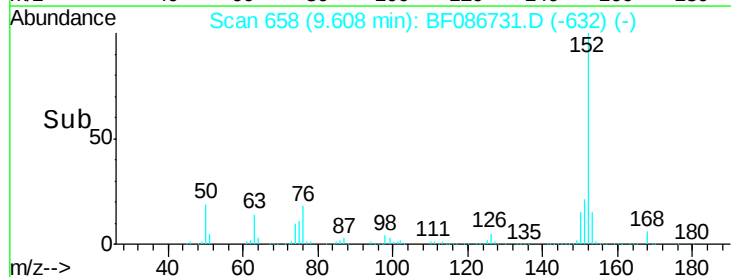
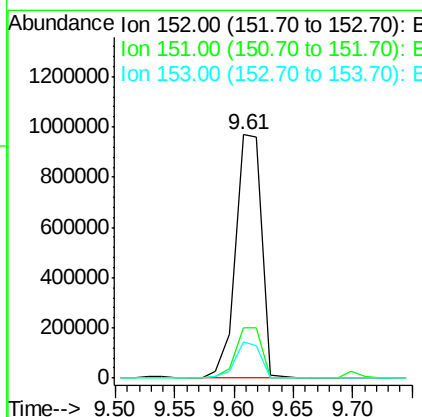
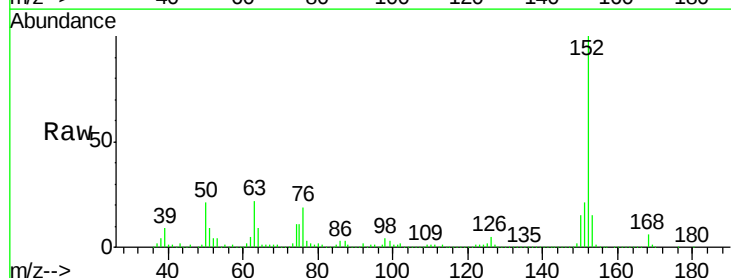
RT: 9.61 min Scan# 658

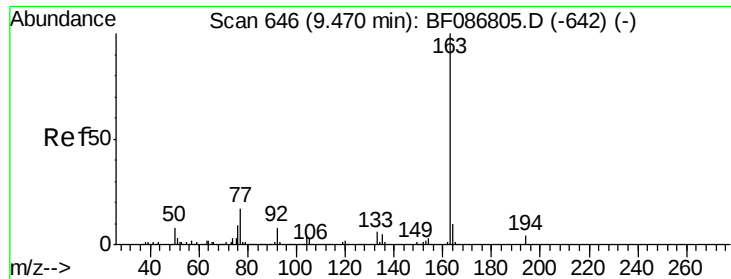
Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	14.8	10.9	16.3





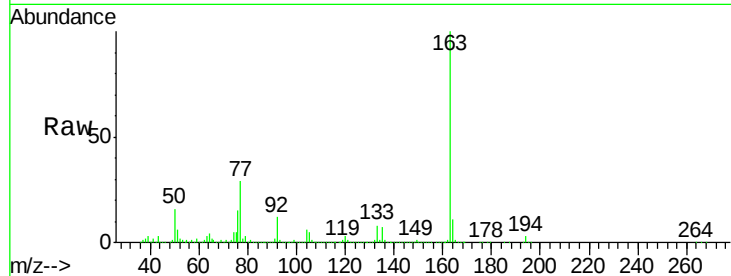
#49
Dimethylphthalate
Concen: 49.50 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

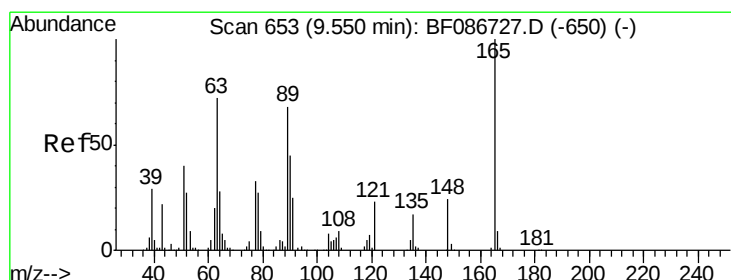
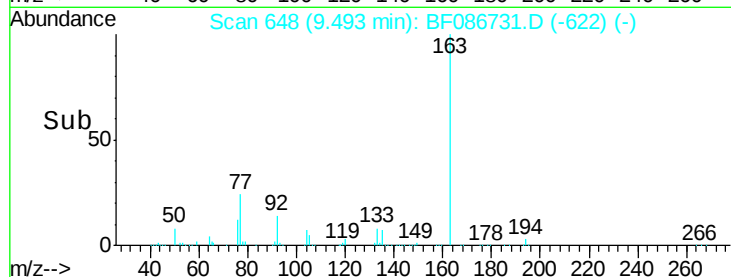
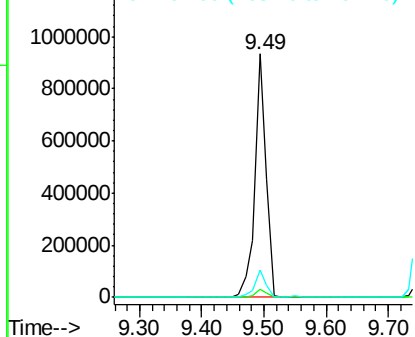
Tgt Ion:163 Resp: 1172000
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 11.1 8.2 12.4

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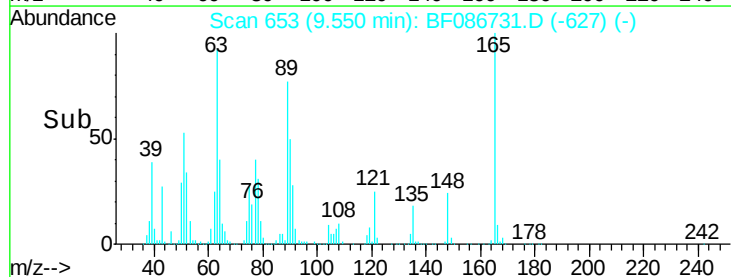
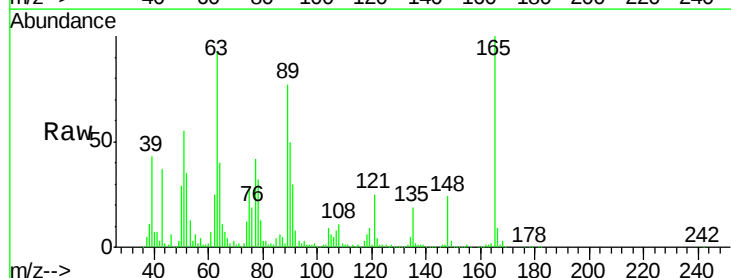
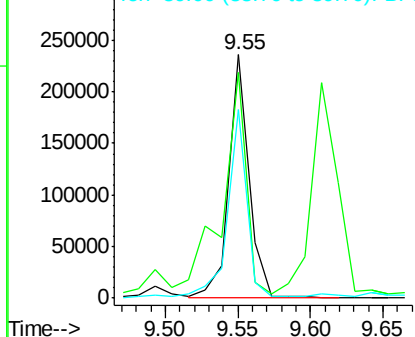
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

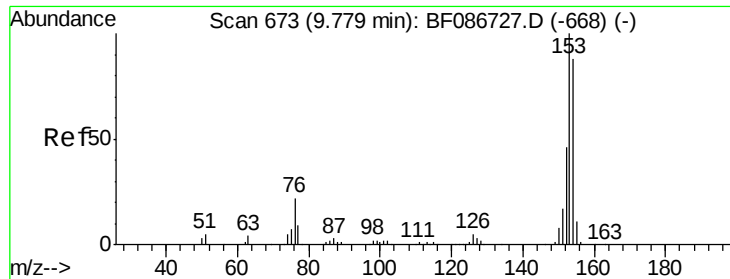


#50
2,6-Dinitrotoluene
Concen: 44.40 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:165 Resp: 225605
Ion Ratio Lower Upper
165 100
63 92.8 51.8 77.8#
89 77.3 50.7 76.1#

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





#51

Acenaphthene

Concen: 47.09 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS

Tgt Ion:154 Resp: 924038

Ion Ratio Lower Upper

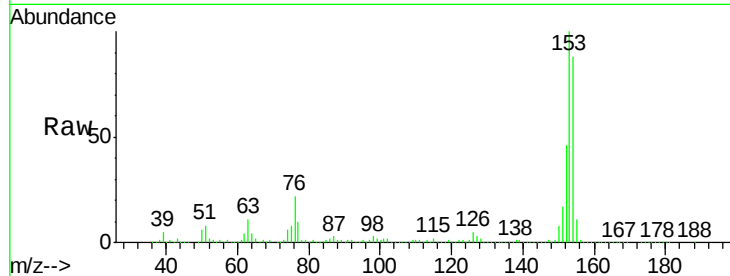
154 100

153 113.6 89.8 134.6

152 52.4 43.4 65.0

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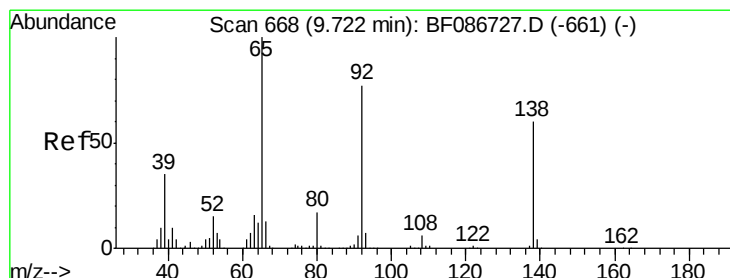
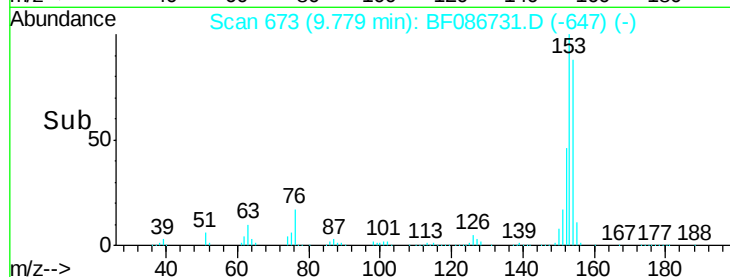
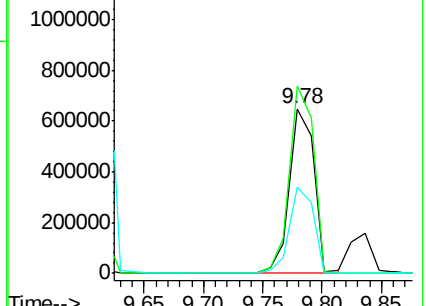
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.75 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

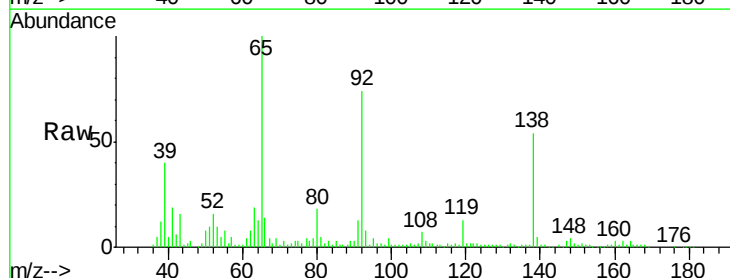
Tgt Ion:138 Resp: 119831

Ion Ratio Lower Upper

138 100

108 13.1 7.8 11.6#

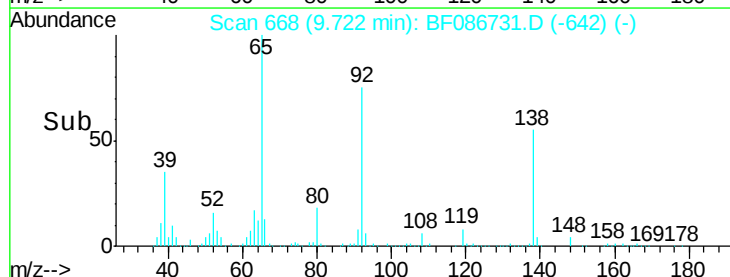
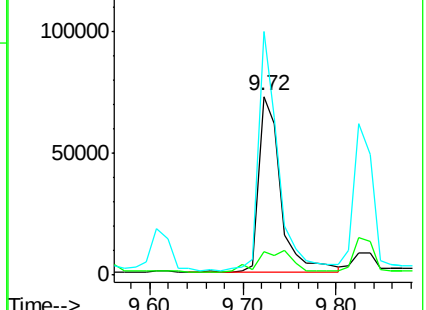
92 136.2 87.8 131.8#

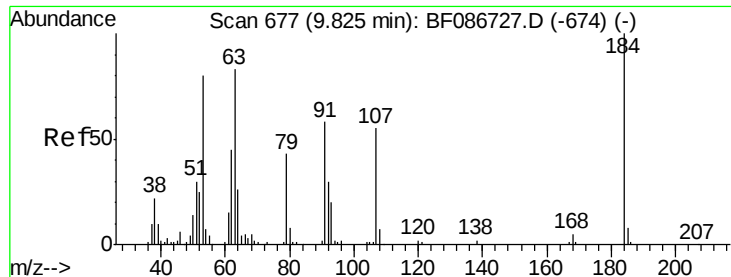


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





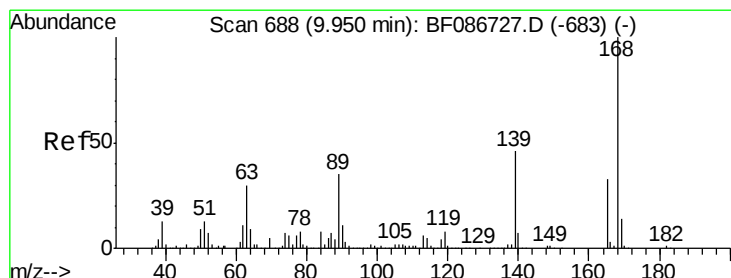
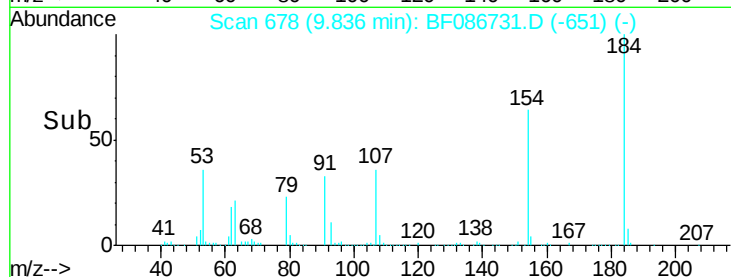
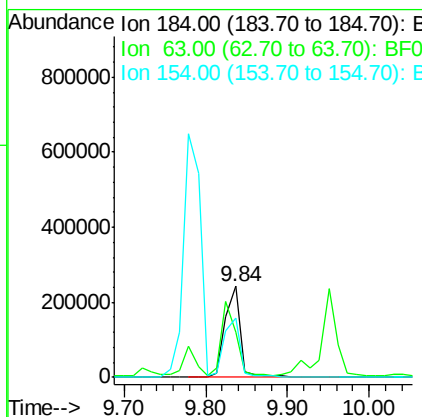
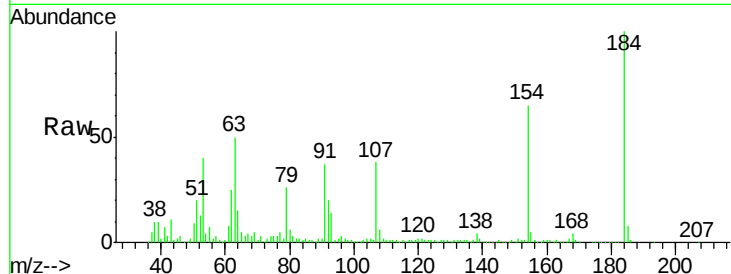
#53
2,4-Dinitrophenol
Concen: 116.14 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	312520		
63	49.8	55.8	83.8#	
154	64.7	62.4	93.6	

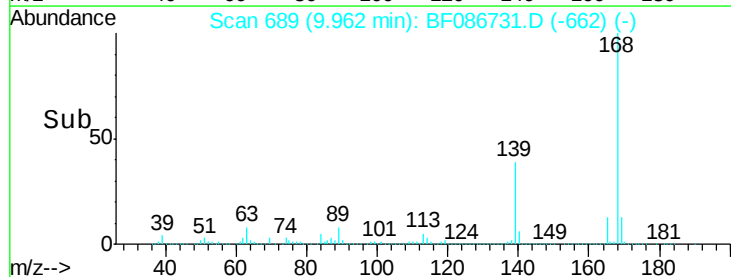
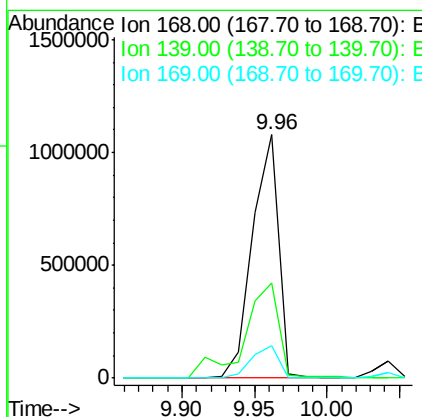
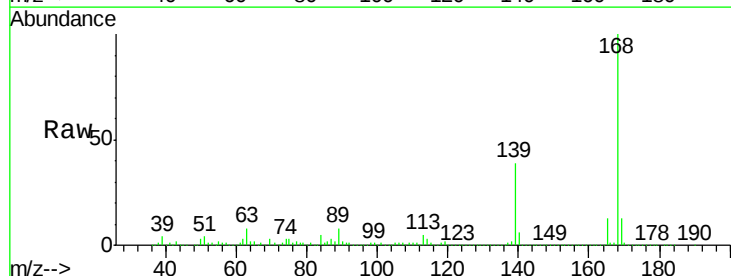
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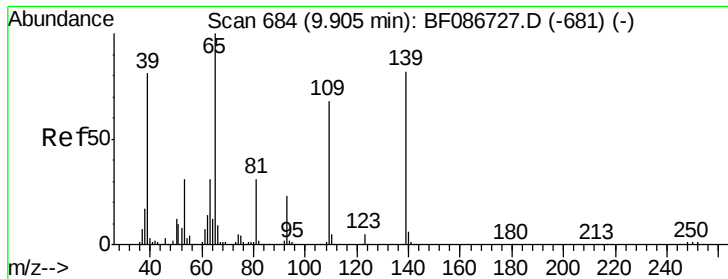
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#54
Dibenzofuran
Concen: 55.41 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1347615		
139	39.1	31.4	47.0	
169	13.1	10.7	16.1	





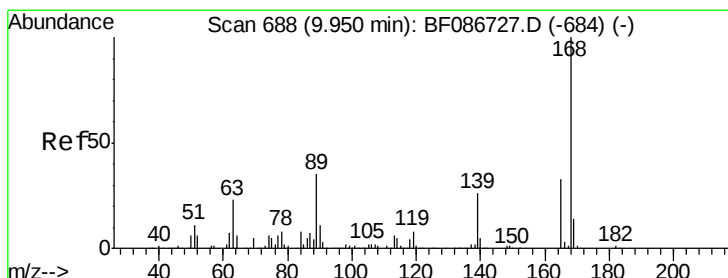
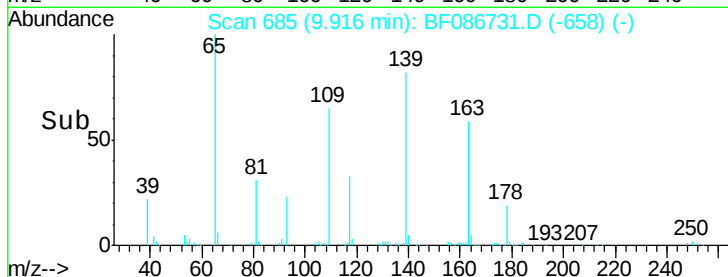
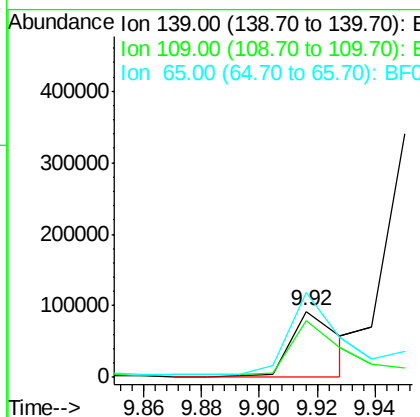
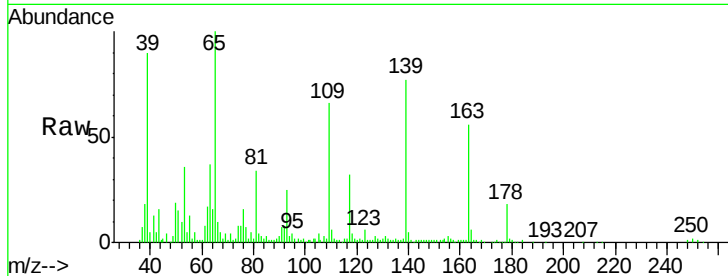
#55
4-Nitrophenol
Concen: 32.05 ng m
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	107937		
109	85.5	36.9	76.9#	
65	129.3	64.0	104.0#	

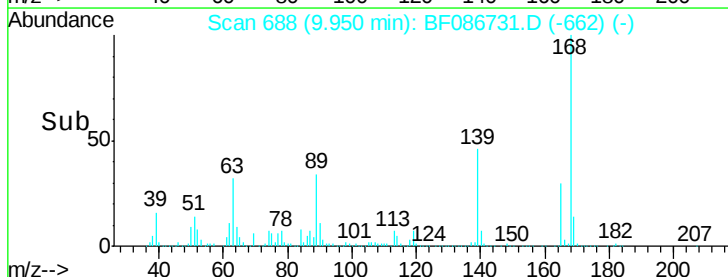
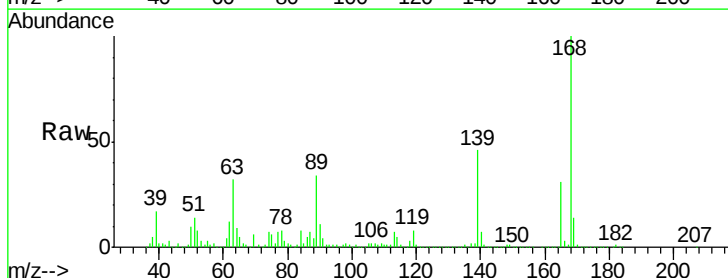
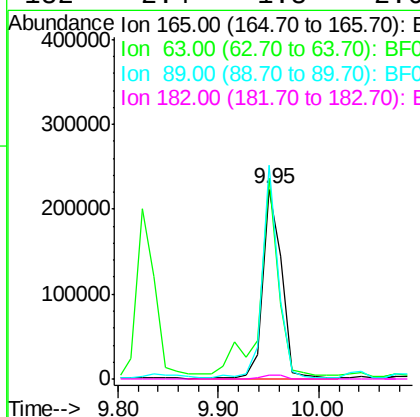
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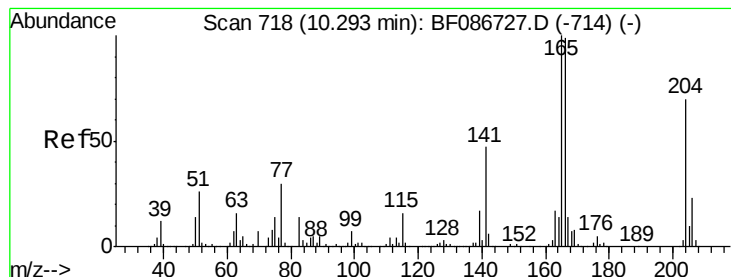
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#56
2,4-Dinitrotoluene
Concen: 45.18 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	284465		
63	105.7	44.3	66.5#	
89	112.4	70.0	105.0#	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 47.38 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF086731.D

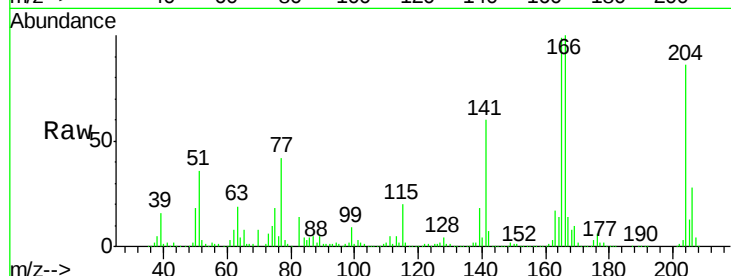
Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampled :

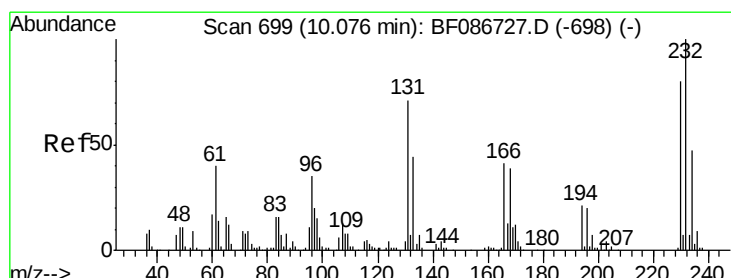
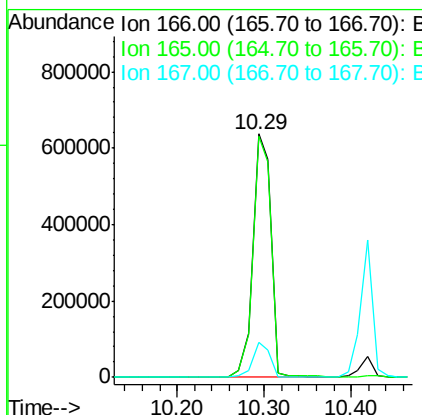
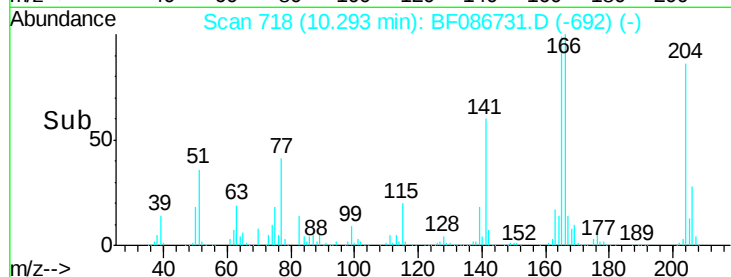
MW-1MS



Tgt Ion:	166	Resp:	933869
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.0	118.6
167	14.2	10.6	15.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 61.20 ng

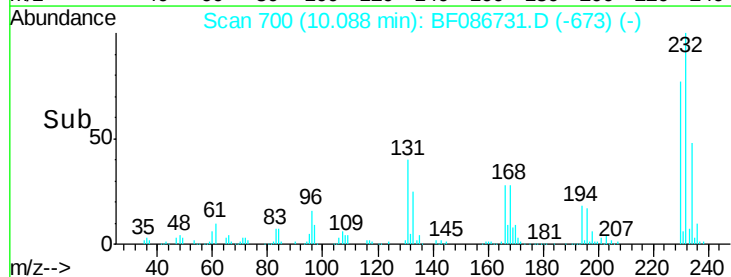
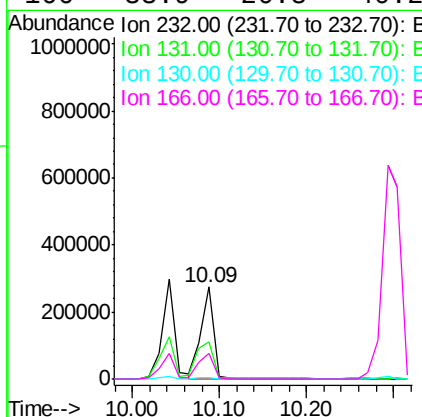
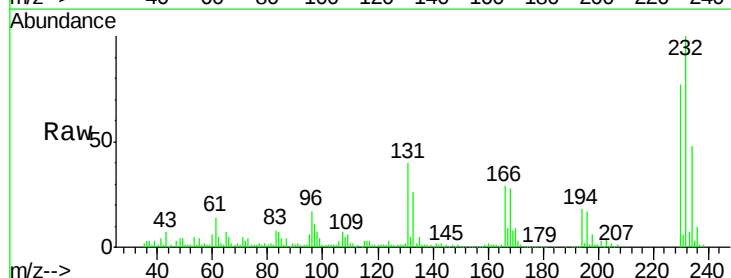
RT: 10.09 min Scan# 700

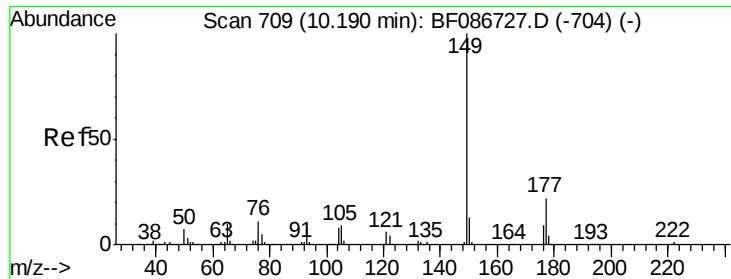
Delta R.T. 0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:	232	Resp:	274496
Ion Ratio	Lower	Upper	
232	100		
131	53.5	41.9	62.9
130	2.9	2.2	3.4
166	33.9	26.8	40.2





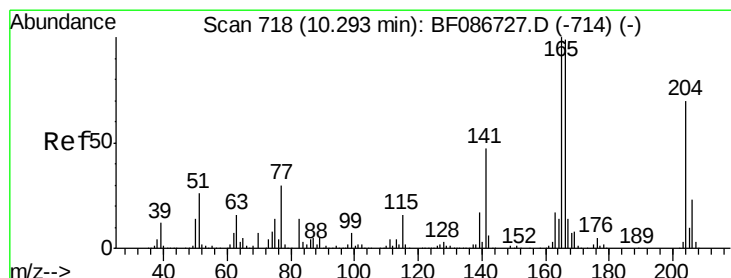
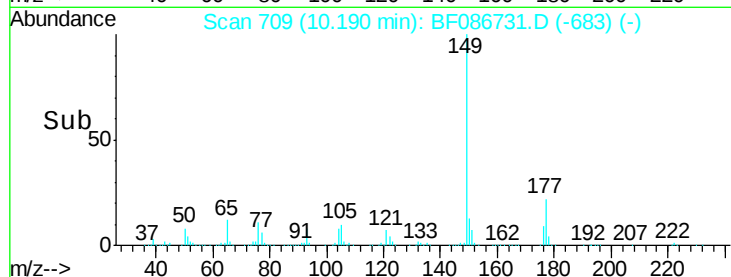
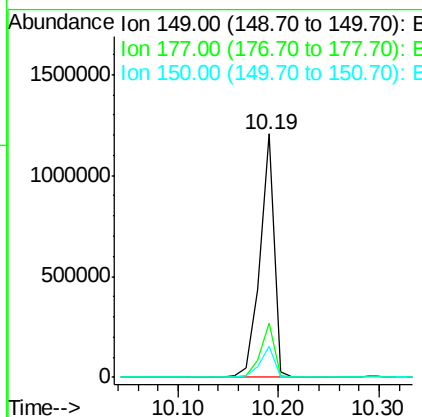
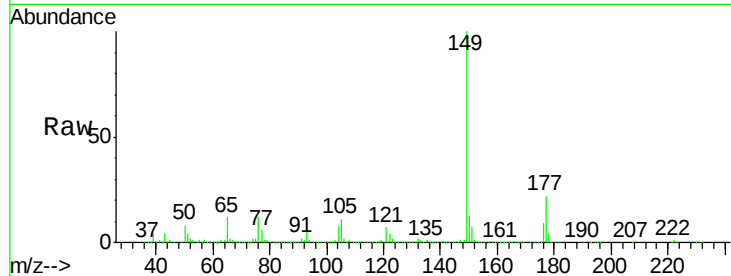
#59
Diethylphthalate
Concen: 52.74 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampled :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.6	24.8
150	12.9	10.0	15.0

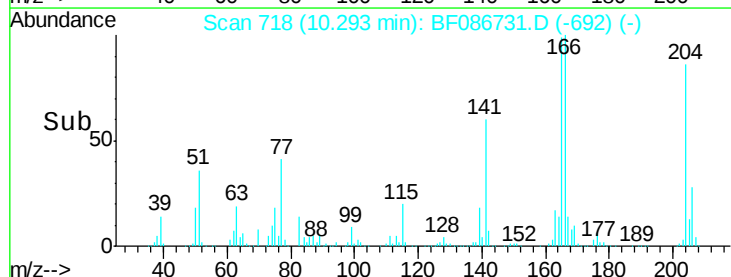
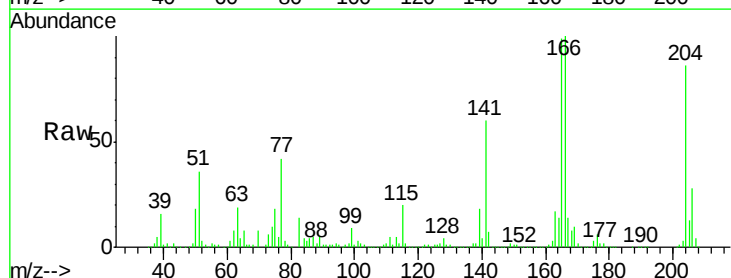
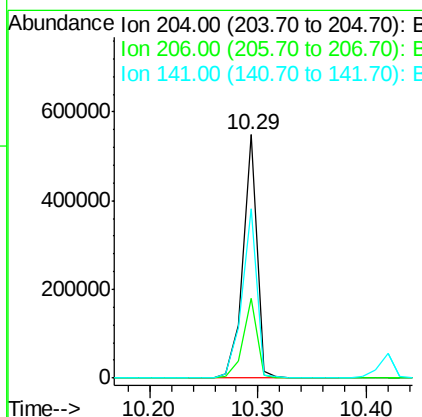
Manual Integrations
APPROVED

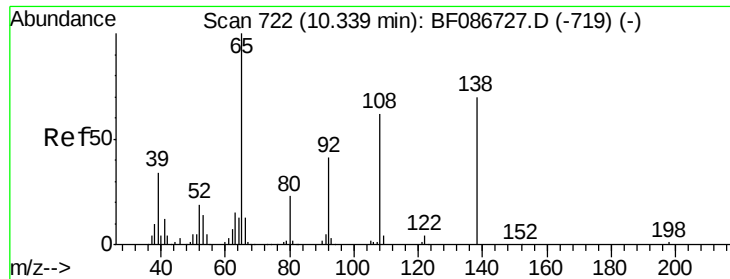
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 51.37 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.4	38.0
141	69.4	61.6	92.4





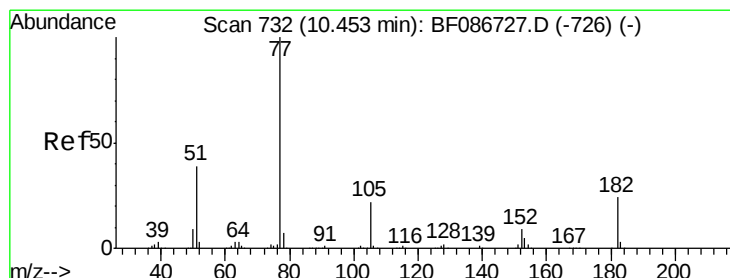
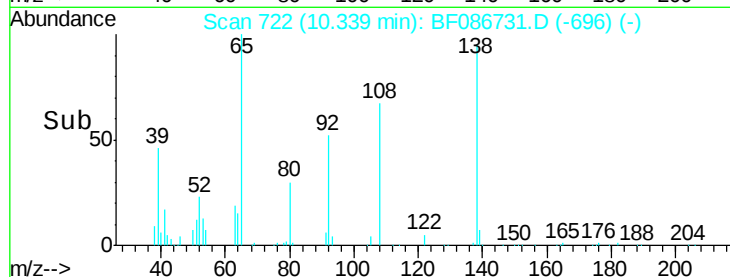
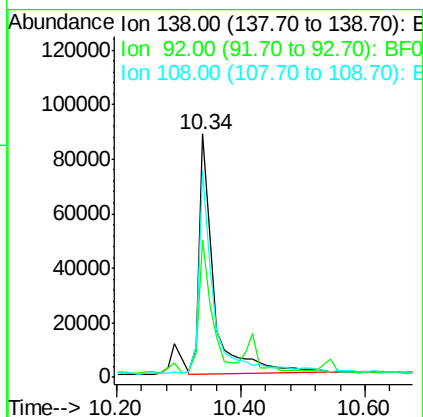
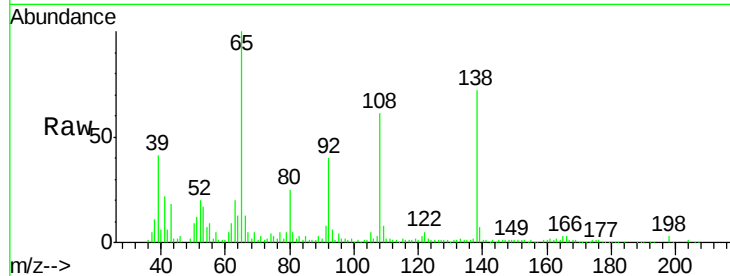
#61
4-Nitroaniline
Concen: 26.44 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	24.7	64.7
108	84.8	37.4	77.4

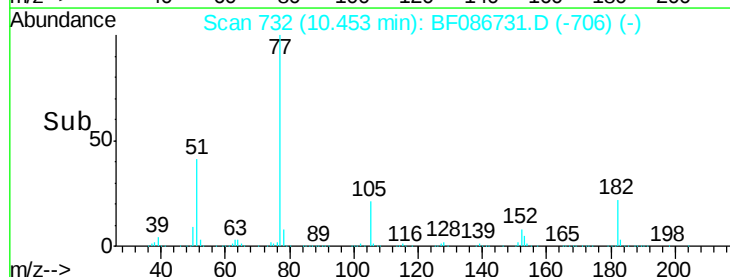
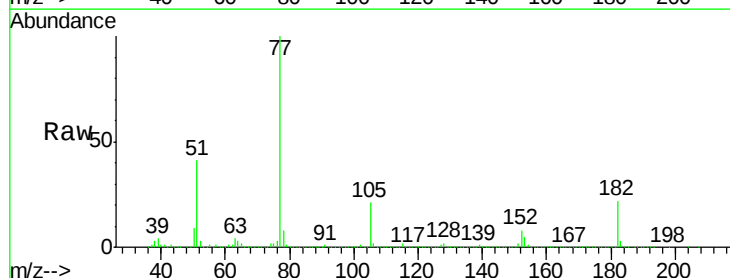
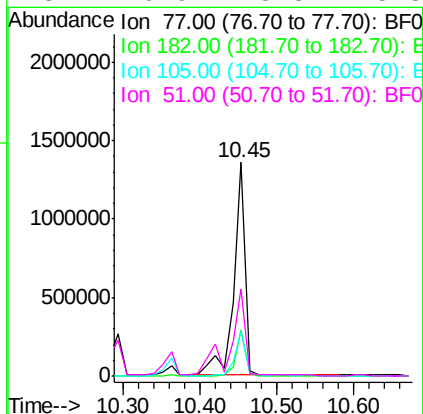
Manual Integrations
APPROVED

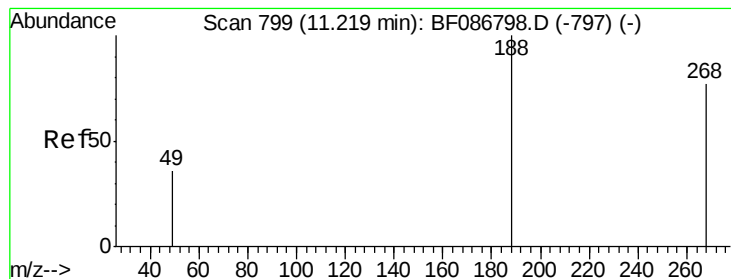
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#62
Azobenzene
Concen: 58.15 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	0.0	38.8
105	21.1	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: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS

Tgt Ion:188 Resp: 567070

Ion Ratio Lower Upper

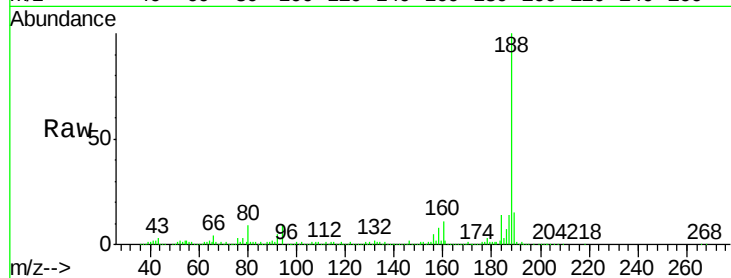
188 100

94 8.7 6.8 10.2

80 9.2 7.1 10.7

Manual Integrations
APPROVED

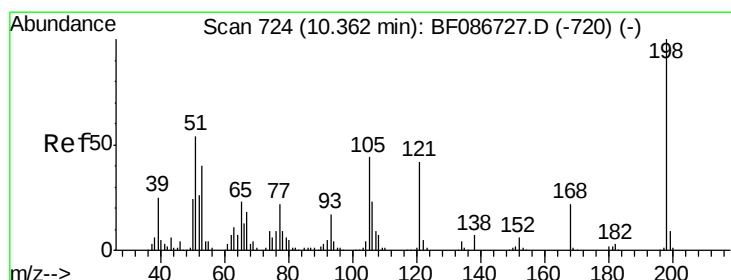
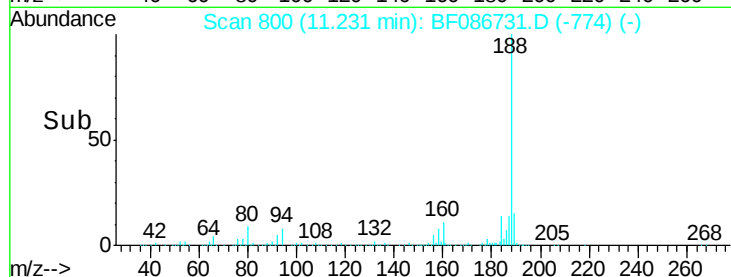
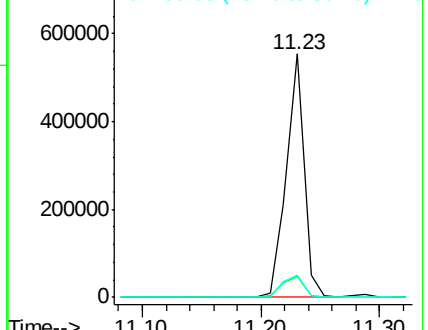
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 62.01 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

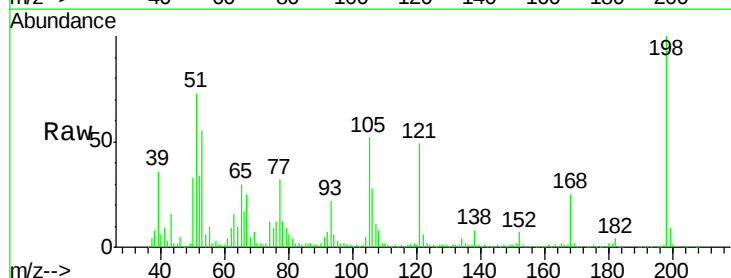
Tgt Ion:198 Resp: 195808

Ion Ratio Lower Upper

198 100

51 72.6 20.5 60.5#

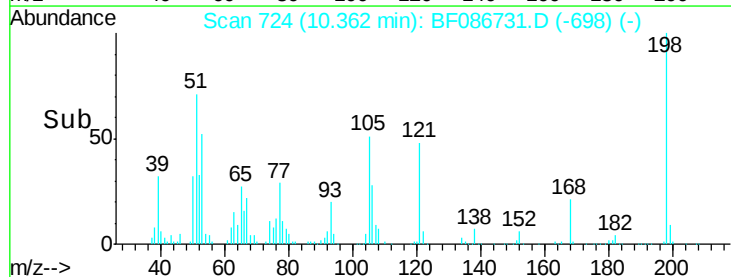
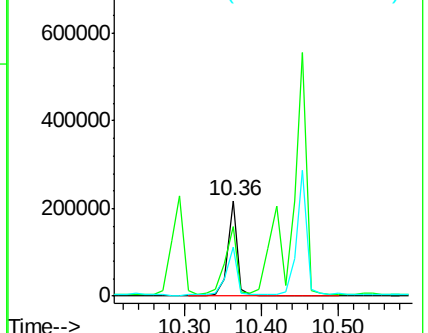
105 52.1 24.5 64.5

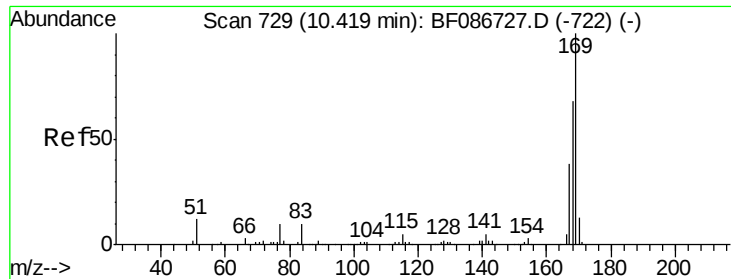


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.12 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086731.D

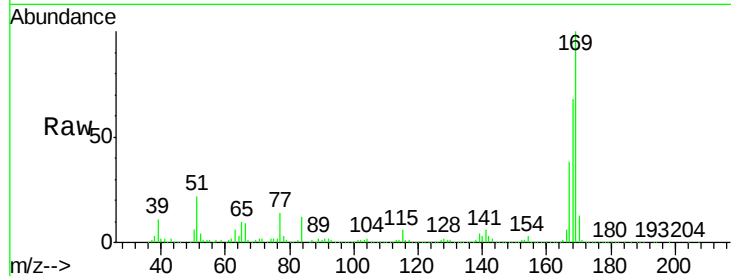
Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS



Tgt Ion:169 Resp: 920466

Ion Ratio Lower Upper

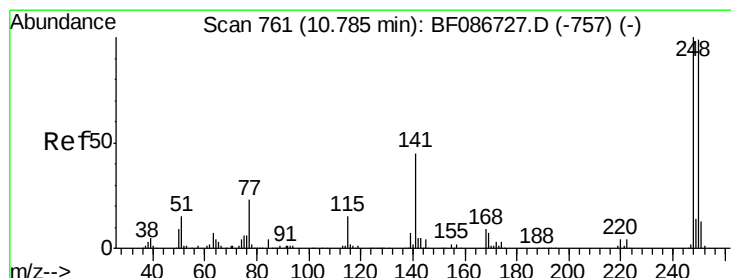
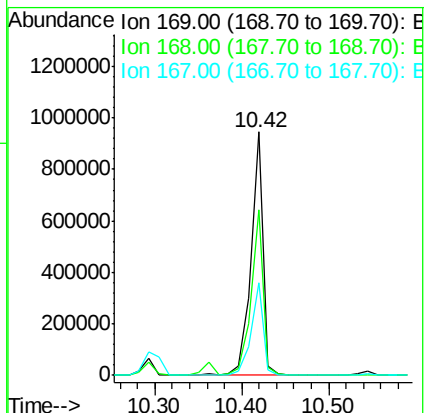
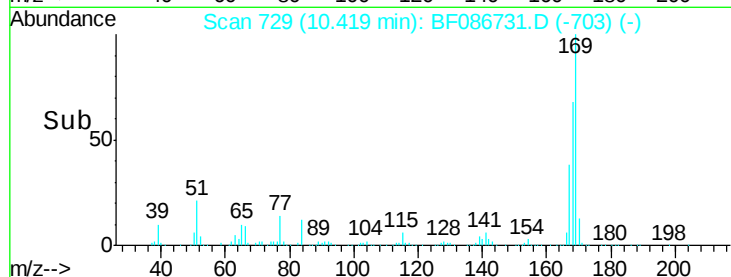
169 100

168 67.7 53.8 80.6

167 38.1 29.5 44.3

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#66

4-Bromophenyl-phenylether

Concen: 51.54 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

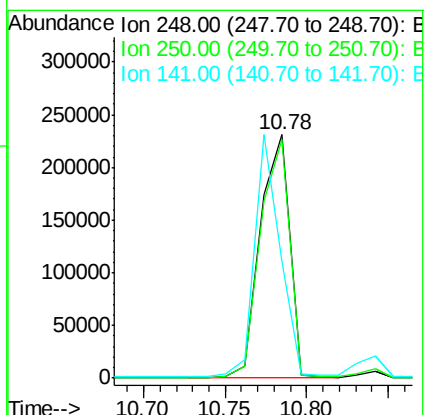
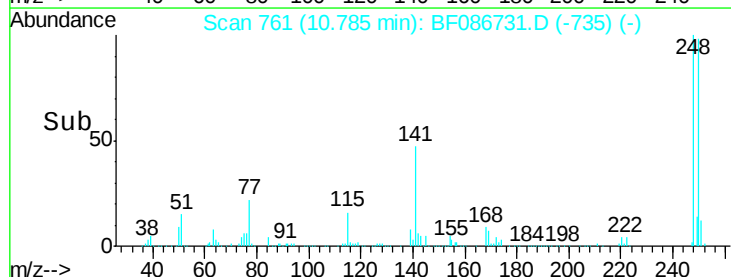
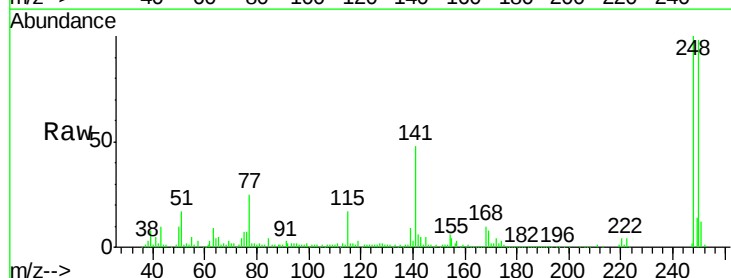
Tgt Ion:248 Resp: 290421

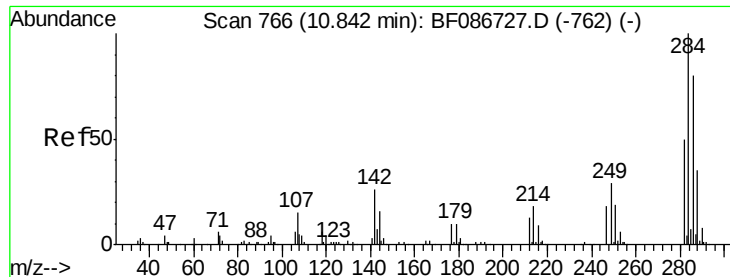
Ion Ratio Lower Upper

248 100

250 98.1 78.6 117.8

141 48.3 76.0 114.0#





#67

Hexachlorobenzene

Concen: 50.69 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

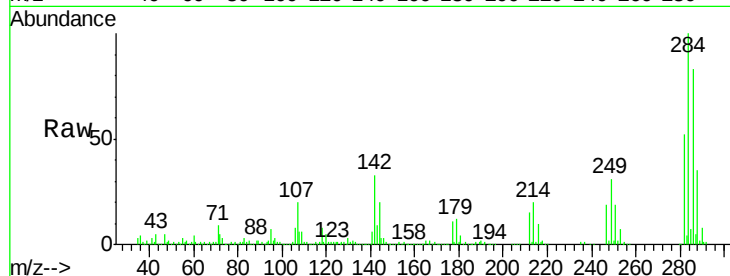
ClientSampled :

MW-1MS

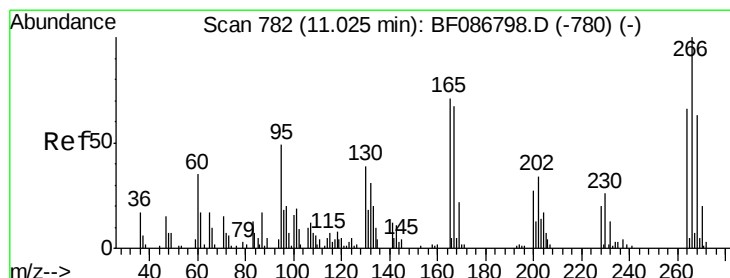
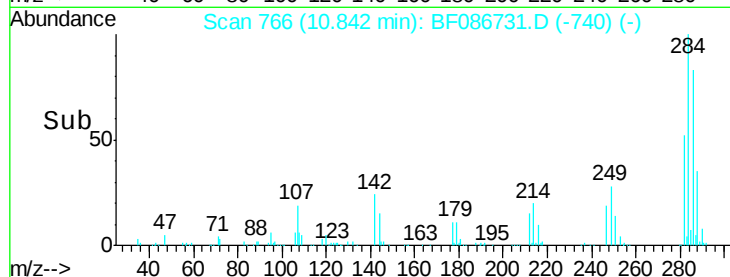
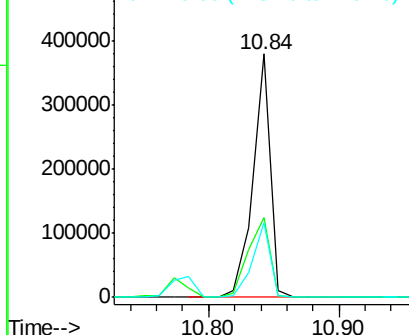
Tgt Ion:	284	Resp:	348366
Ion Ratio	Lower	Upper	
284	100		
142	32.9	16.7	25.1#
249	30.9	21.3	31.9

Manual Integrations
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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: 54.55 ng

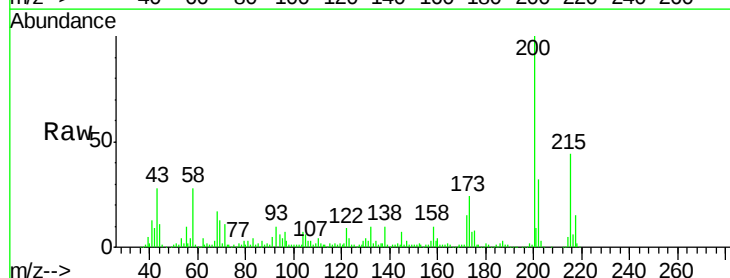
RT: 10.97 min Scan# 777

Delta R.T. 0.01 min

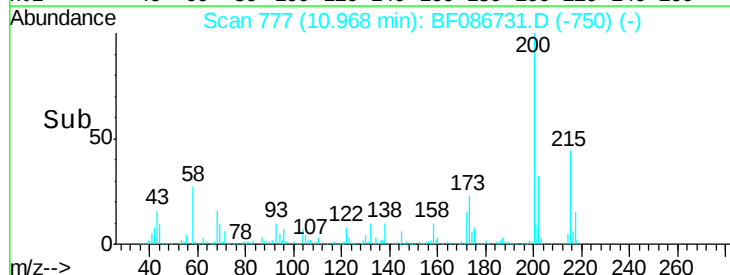
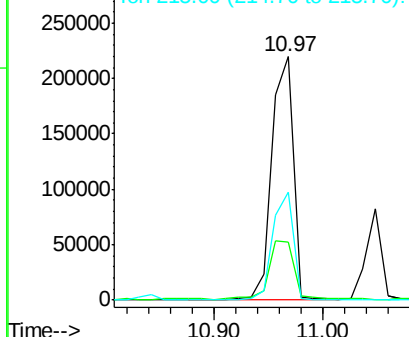
Lab File: BF086731.D

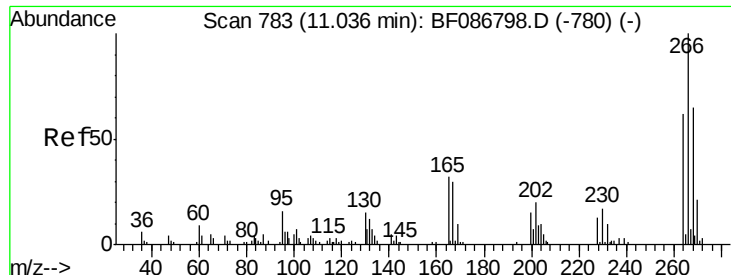
Acq: 6 May 2016 18:37

Tgt Ion:	200	Resp:	300987
Ion Ratio	Lower	Upper	
200	100		
173	23.7	8.5	48.5
215	44.2	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





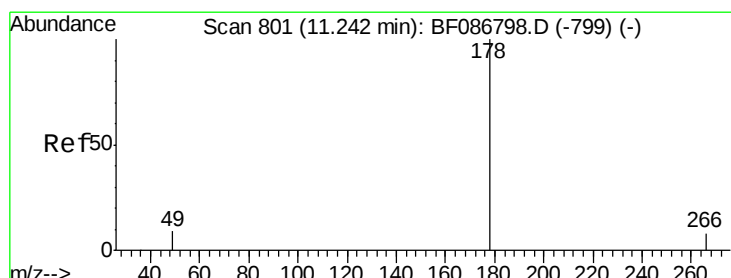
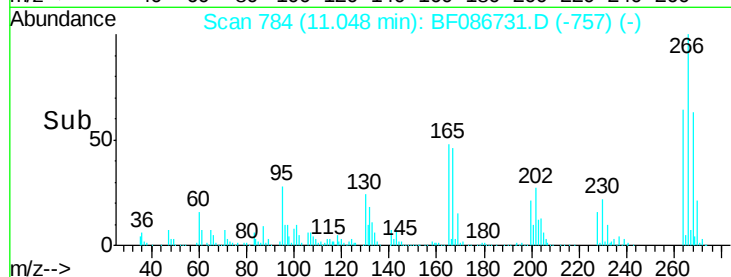
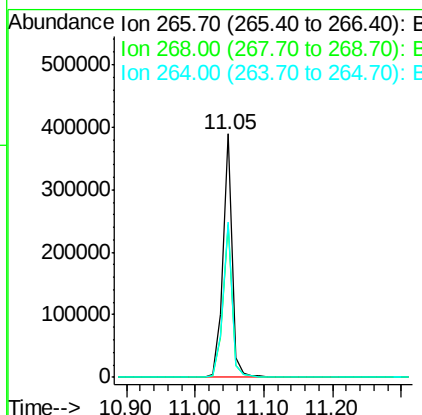
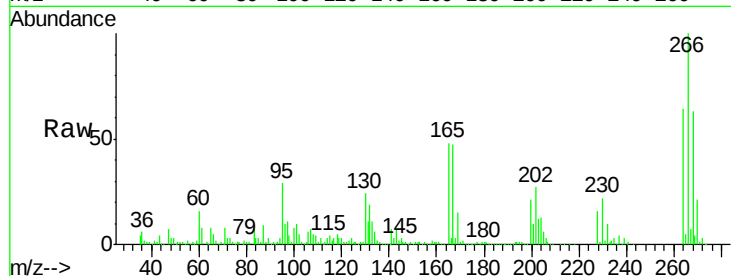
#69
 Pentachlorophenol
 Concen: 110.50 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampled :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	376485		
268	62.7	51.5	77.3	
264	63.7	52.9	79.3	

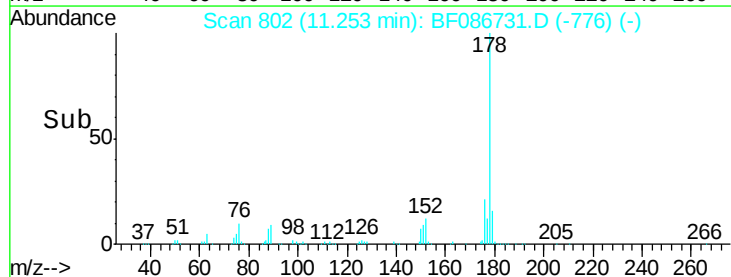
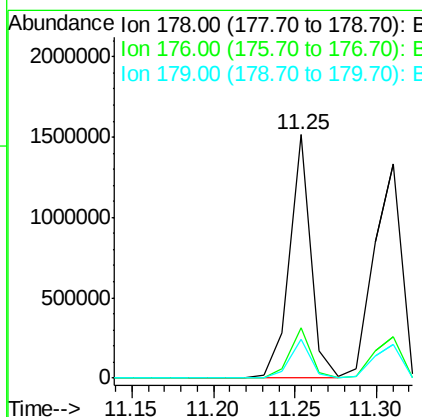
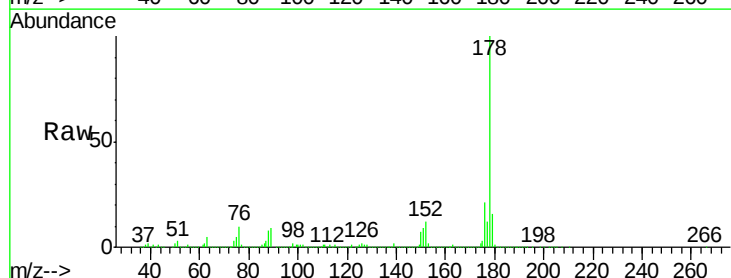
Manual Integrations
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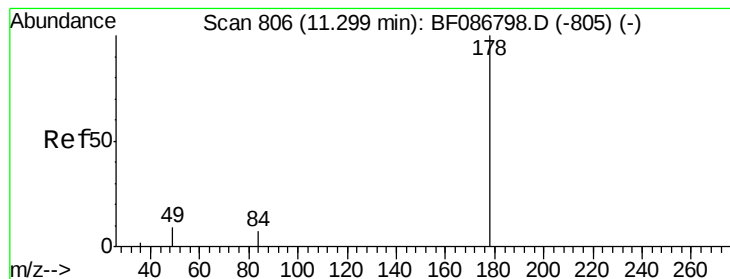
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#70
 Phenanthrene
 Concen: 45.06 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1372459		
176	20.7	16.0	24.0	
179	16.1	12.6	18.8	





#71

Anthracene

Concen: 49.39 ng

RT: 11.31 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF086731.D

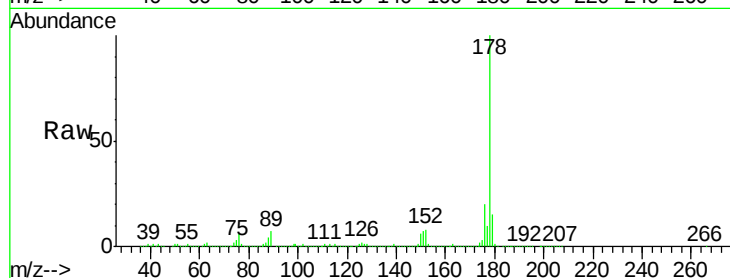
Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS



Tgt Ion:178 Resp: 1575281

Ion Ratio Lower Upper

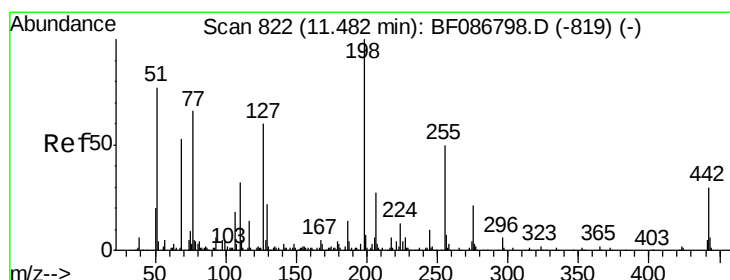
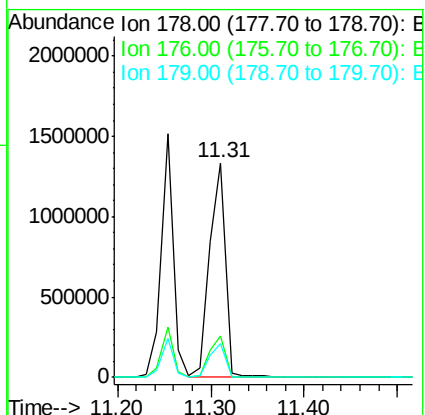
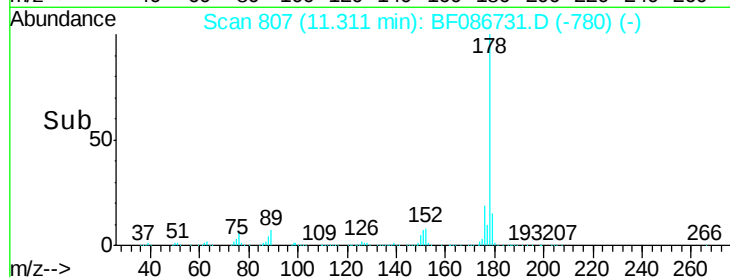
178 100

176 19.5 15.6 23.4

179 15.5 12.7 19.1

Manual Integrations
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#72

Carbazole

Concen: 46.69 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

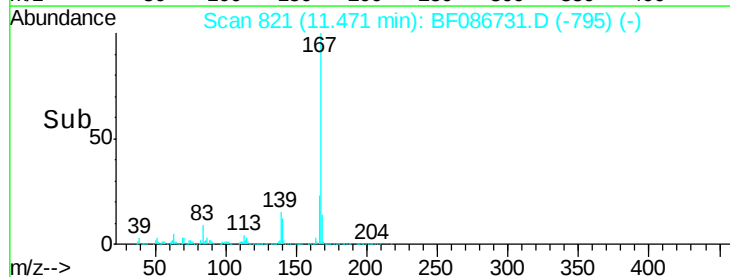
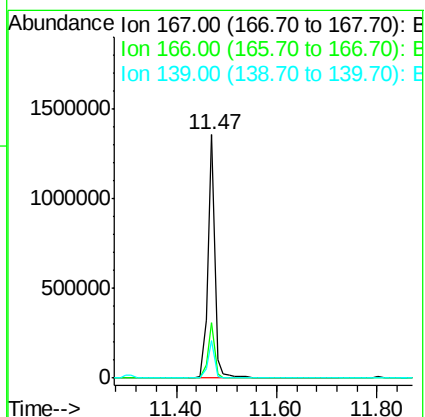
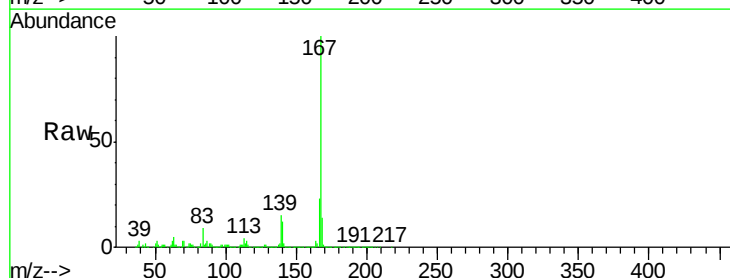
Tgt Ion:167 Resp: 1293266

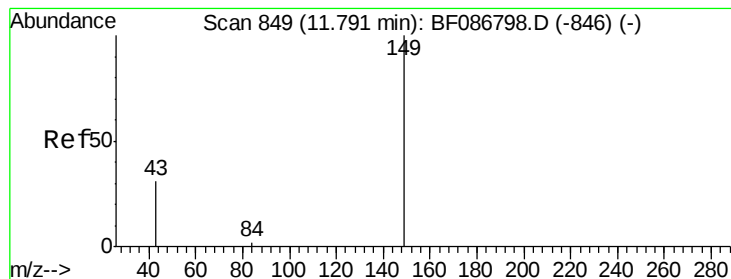
Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

139 15.3 10.8 16.2





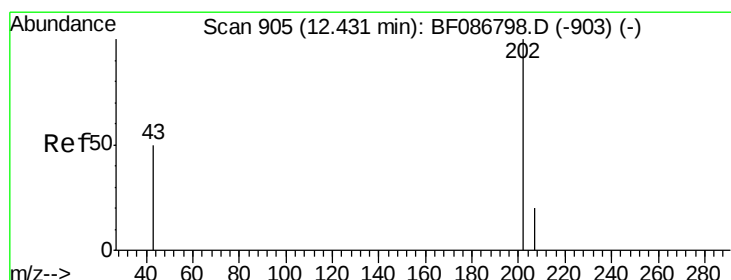
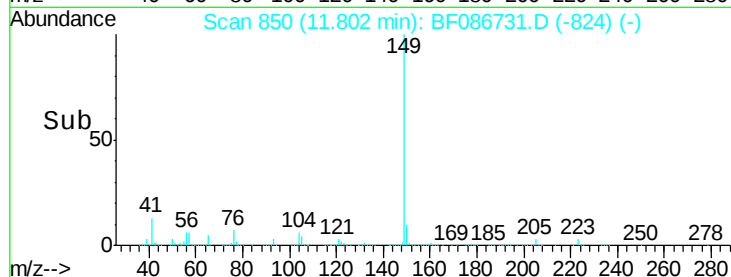
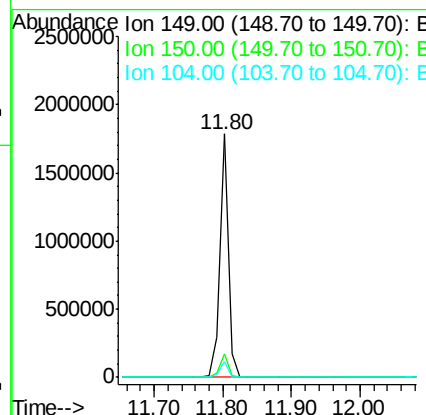
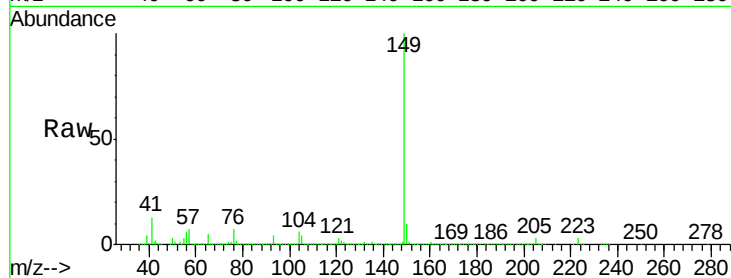
#73
Di-n-butylphthalate
Concen: 47.28 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Tgt Ion:149 Resp: 1554620
Ion Ratio Lower Upper
149 100
150 9.8 7.6 11.4
104 6.3 3.8 5.6#

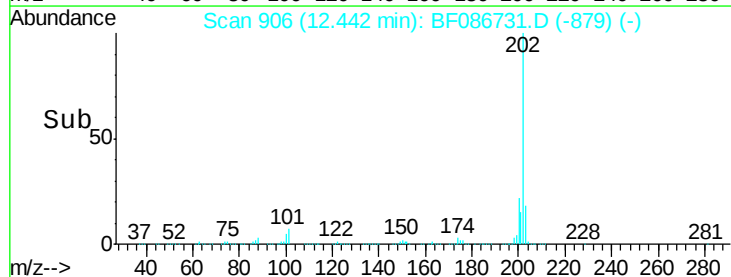
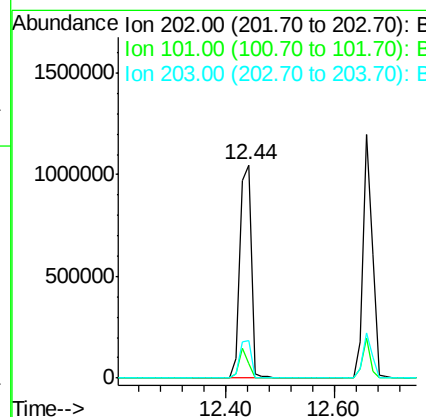
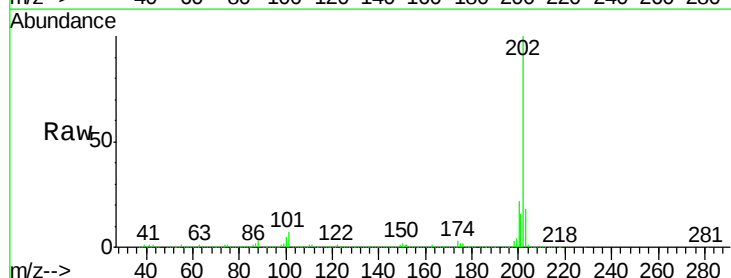
Manual Integrations
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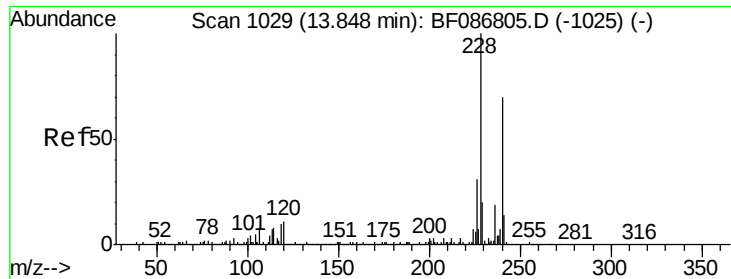
Sohil
5/9/2016 7:17:16 PM



#74
Fluoranthene
Concen: 48.79 ng
RT: 12.44 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:202 Resp: 1489337
Ion Ratio Lower Upper
202 100
101 6.9 0.0 35.4
203 17.6 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: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

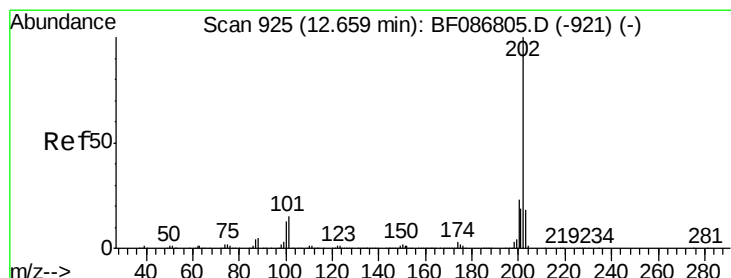
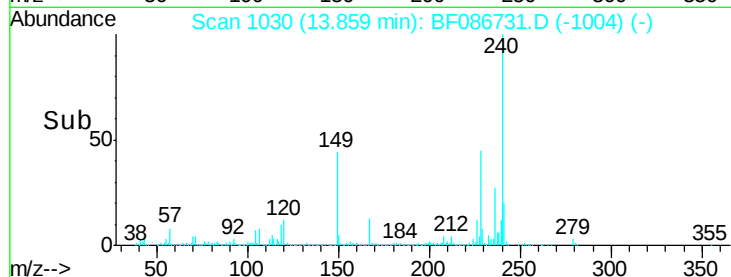
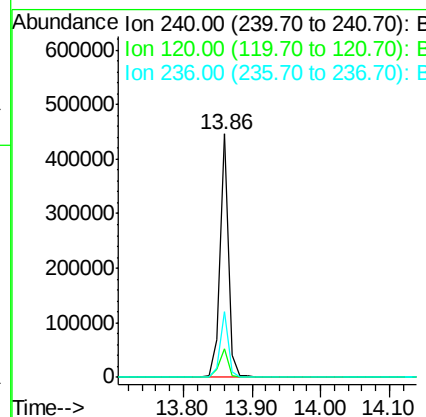
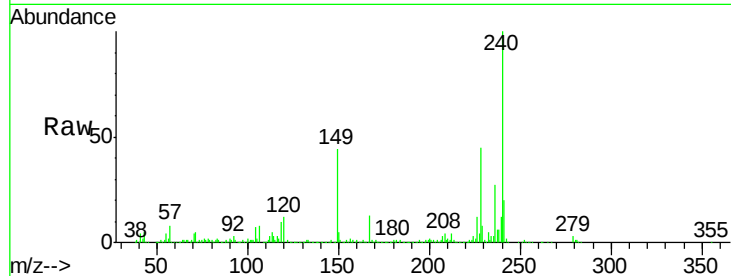
ClientSampleId :

MW-1MS

Tgt Ion:	240	Resp:	393472
Ion Ratio	Lower	Upper	
240	100		
120	11.7	11.2	16.8
236	26.9	21.2	31.8

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#77

Pyrene

Concen: 44.02 ng

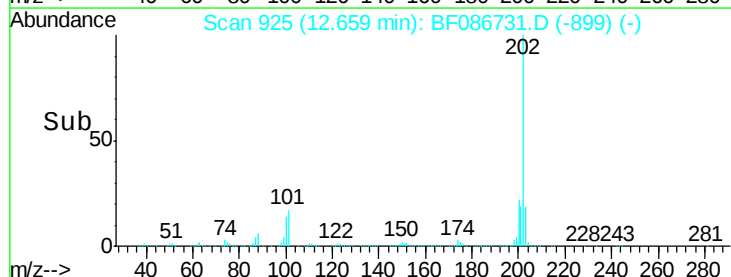
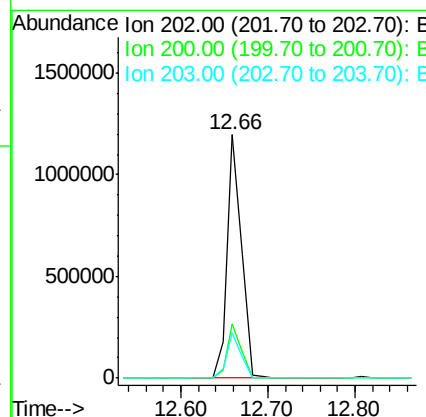
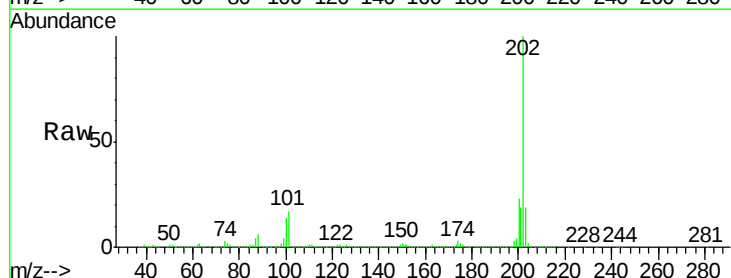
RT: 12.66 min Scan# 925

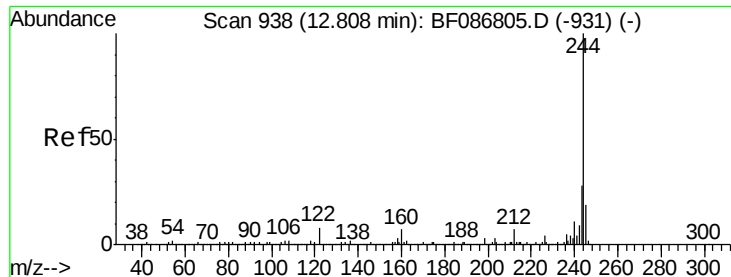
Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:	202	Resp:	1380892
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.7	26.5
203	18.6	14.2	21.4





#78

Terphenyl-d14

Concen: 74.01 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS

Tgt Ion:244 Resp: 1440830

Ion Ratio Lower Upper

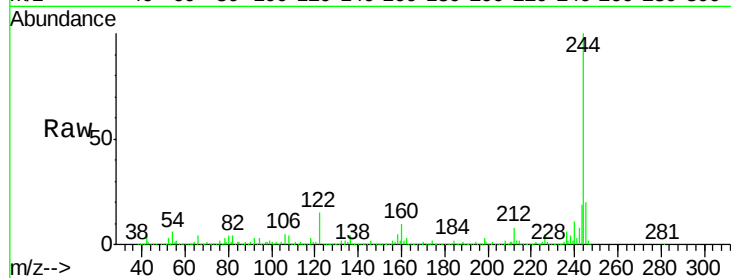
244 100

212 8.4 6.2 9.2

122 14.6 12.0 18.0

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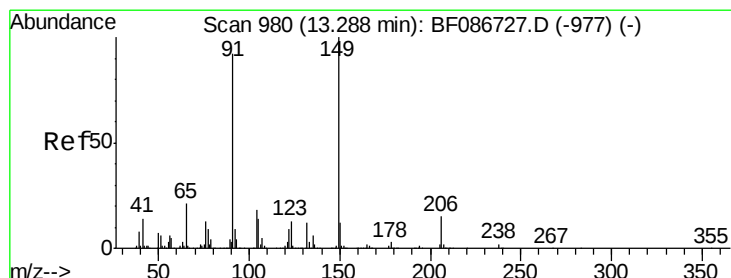
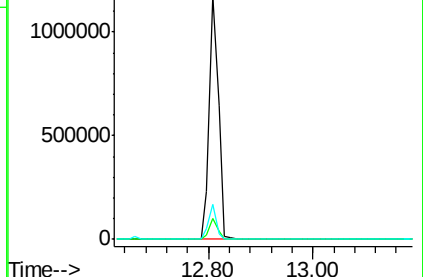
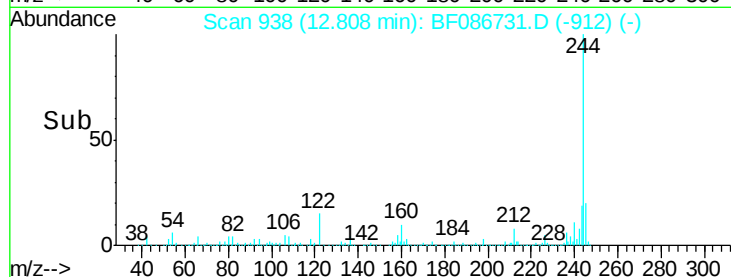
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.70 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

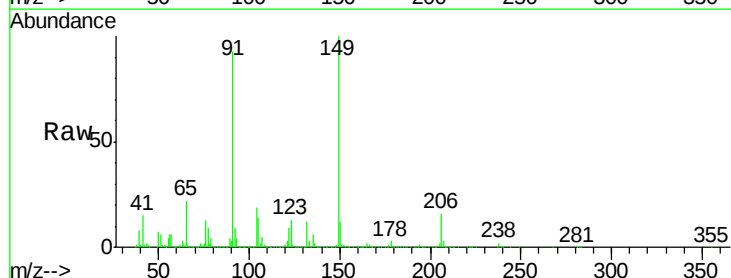
Tgt Ion:149 Resp: 626785

Ion Ratio Lower Upper

149 100

91 93.1 48.0 72.0#

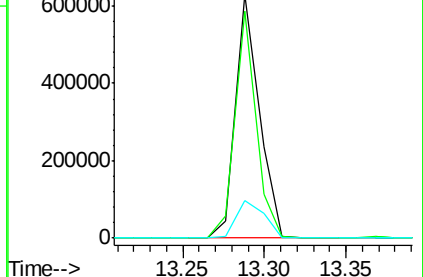
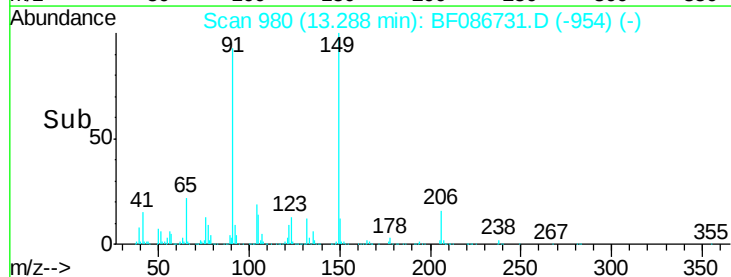
206 15.6 15.8 23.6#

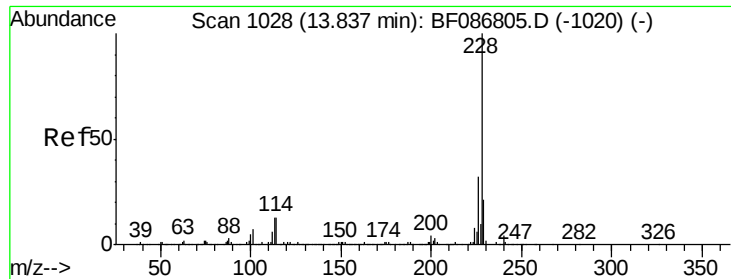


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





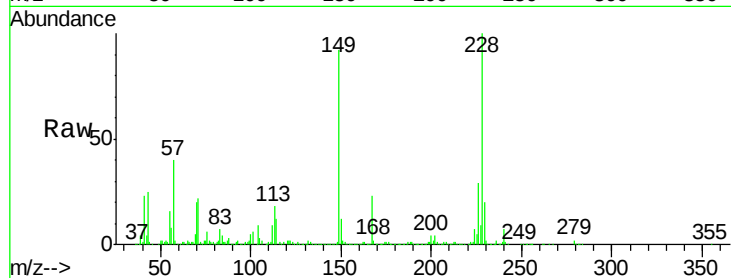
#80
Benzo(a)anthracene
Concen: 50.33 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

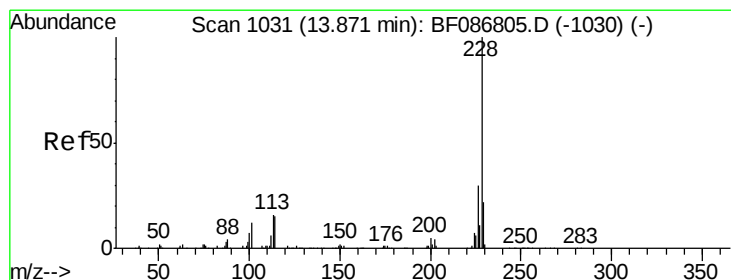
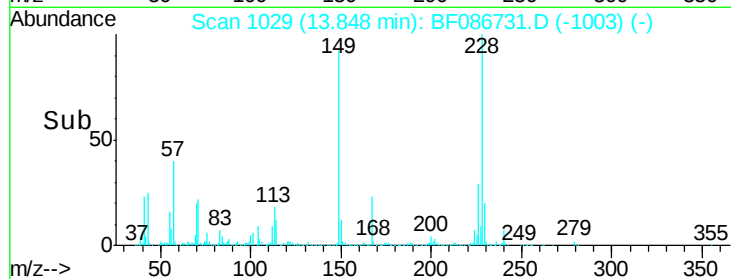
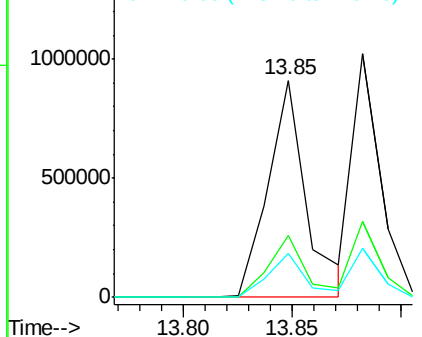
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	20.4	16.6	25.0

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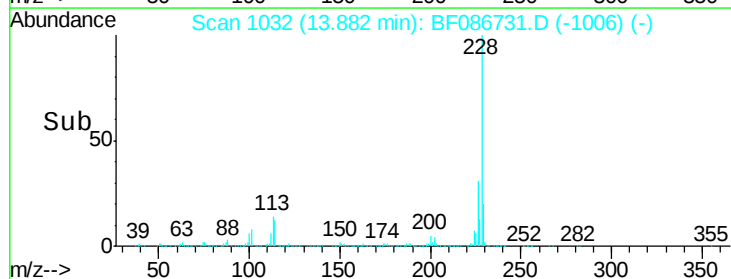
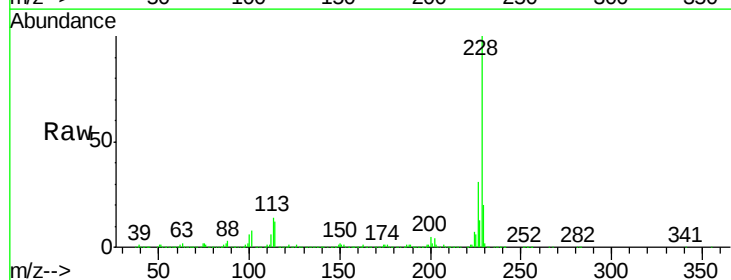
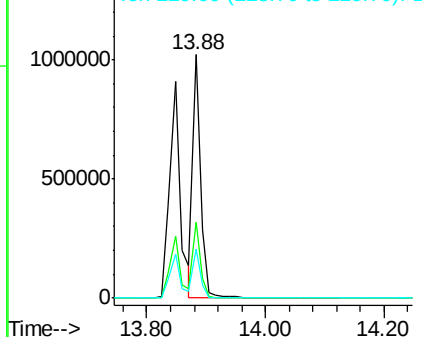
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

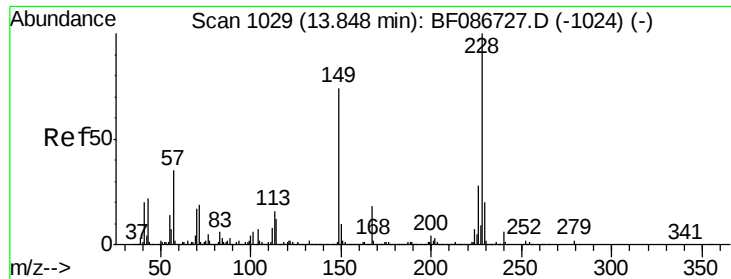


#82
Chrysene
Concen: 39.75 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.3	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





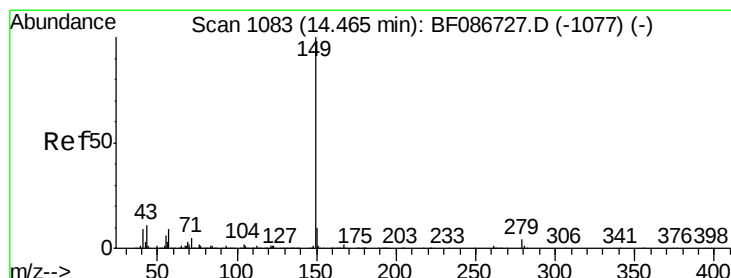
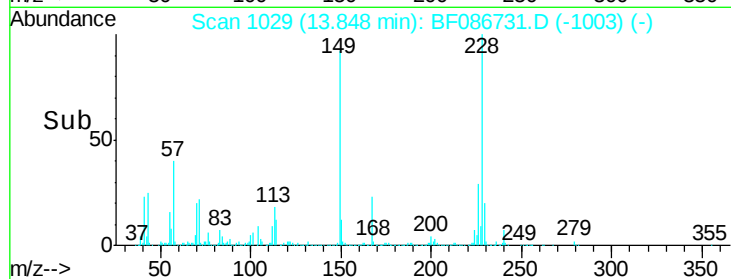
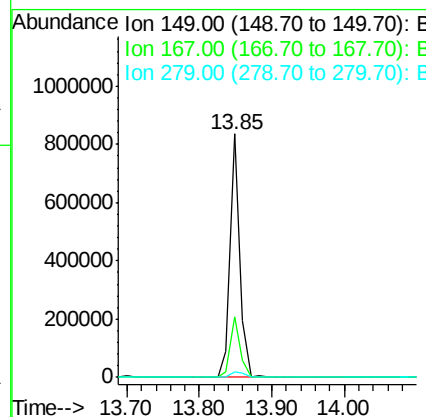
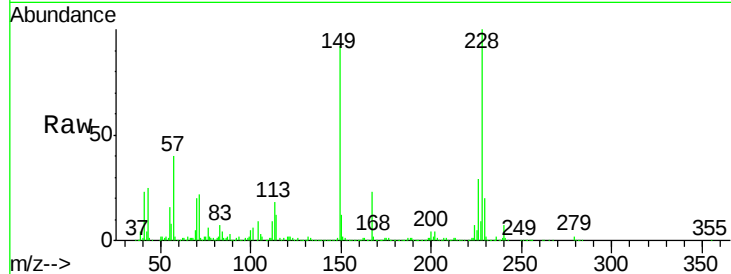
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.07 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampled :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	776447		
167	25.1	21.8	32.6	
279	2.5	2.6	4.0#	

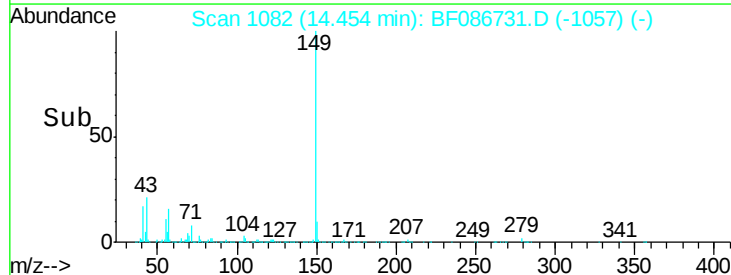
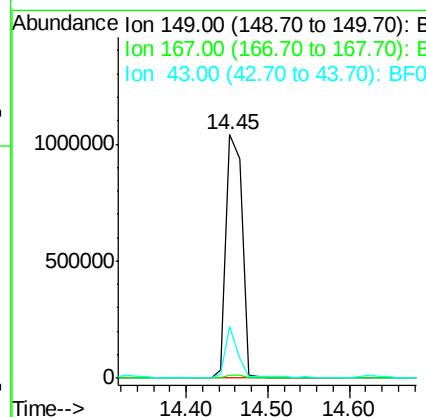
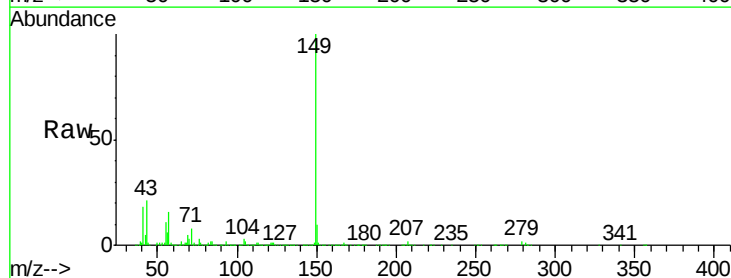
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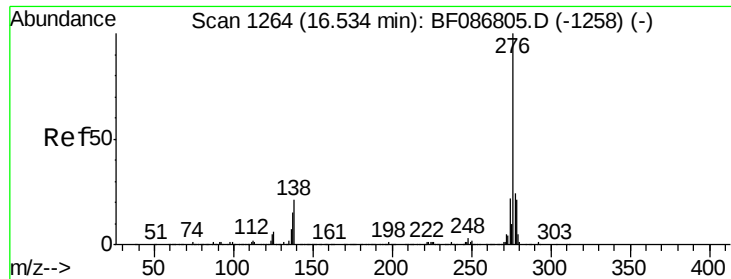
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#84
 Di-n-octyl phthalate
 Concen: 62.38 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1395733		
167	1.5	1.2	1.8	
43	15.6	8.2	12.4#	





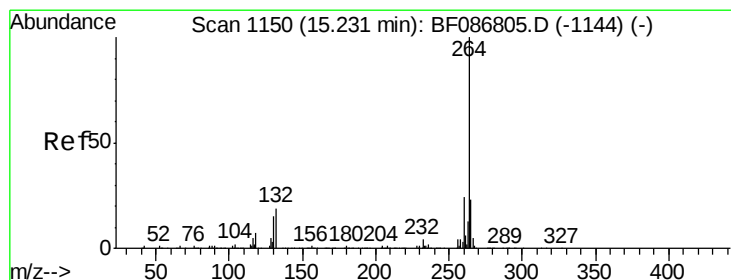
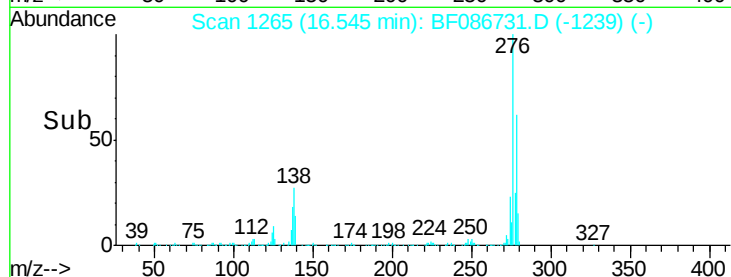
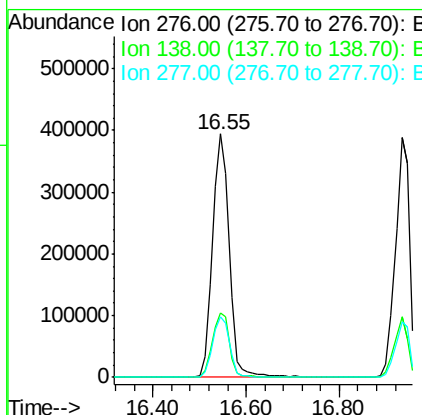
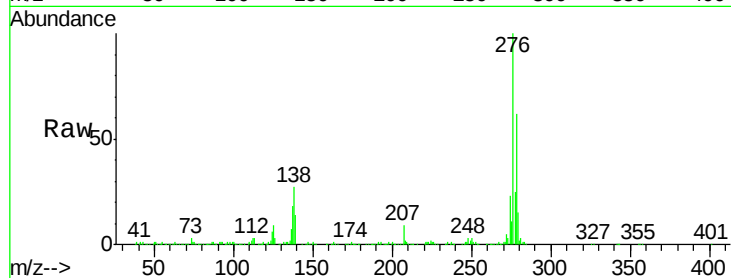
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.25 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampled :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	982815		
138	27.2	25.6	38.4	
277	25.2	20.5	30.7	

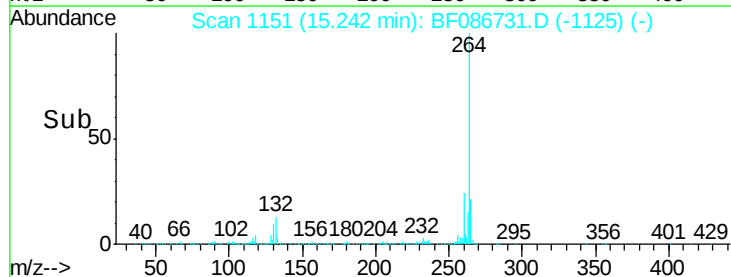
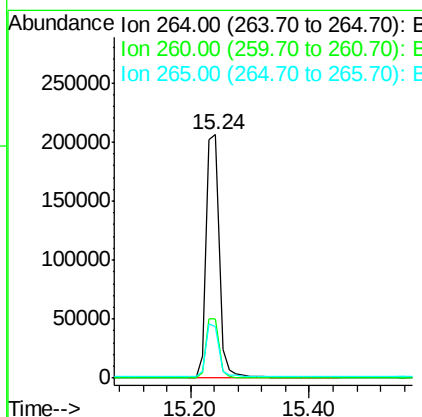
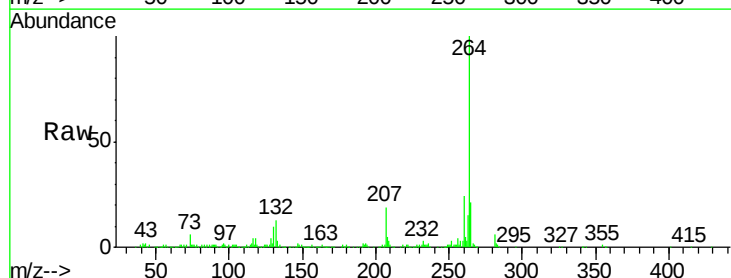
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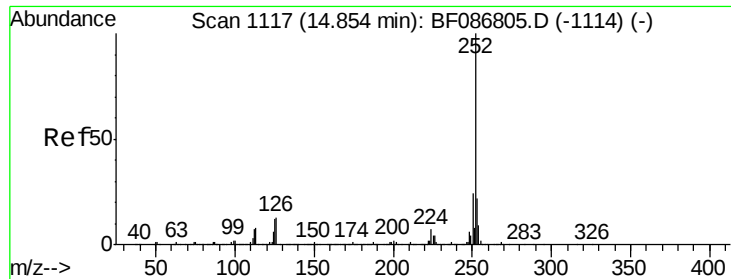
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	324578		
260	24.2	19.5	29.3	
265	21.4	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 49.67 ng m

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

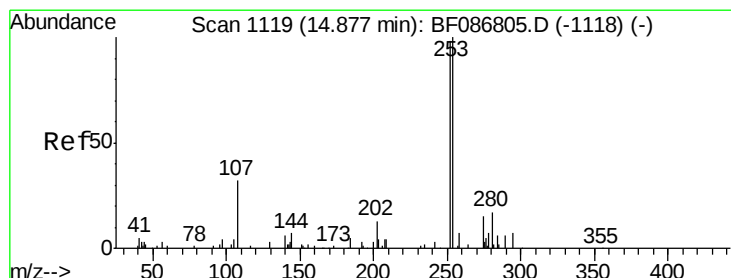
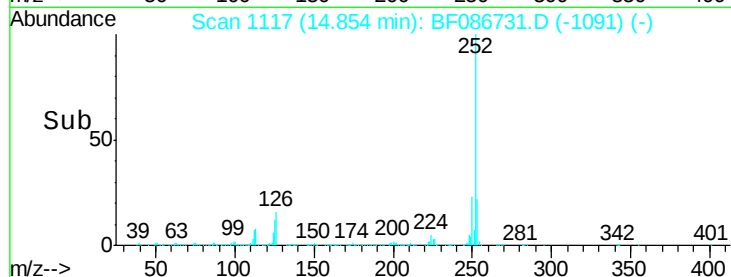
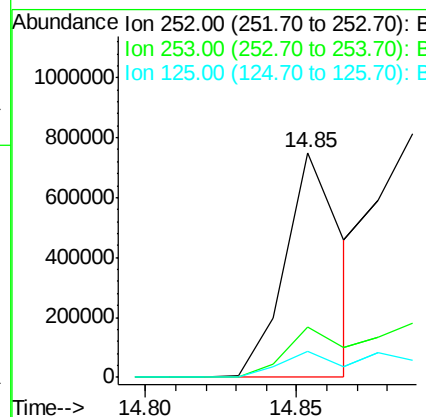
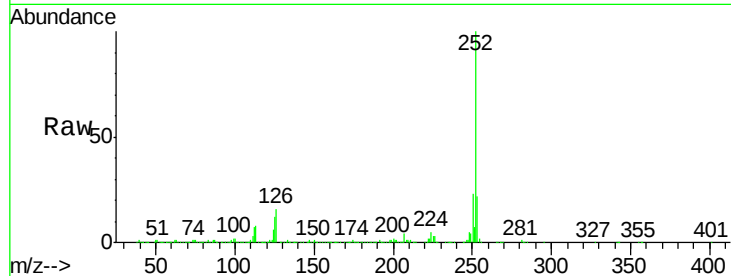
ClientSampled :

MW-1MS

Tgt Ion:	252	Resp:	968669
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	11.7	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 56.16 ng m

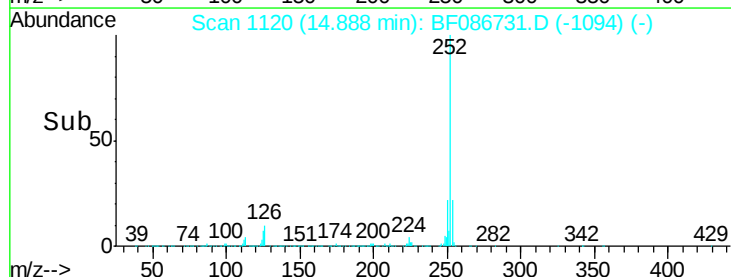
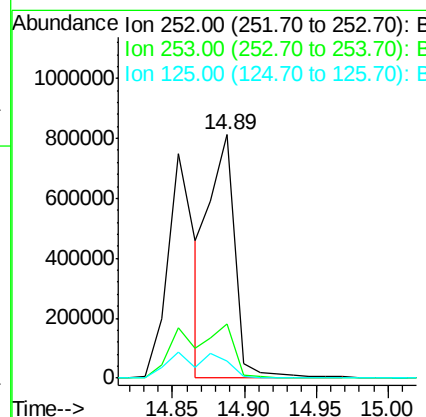
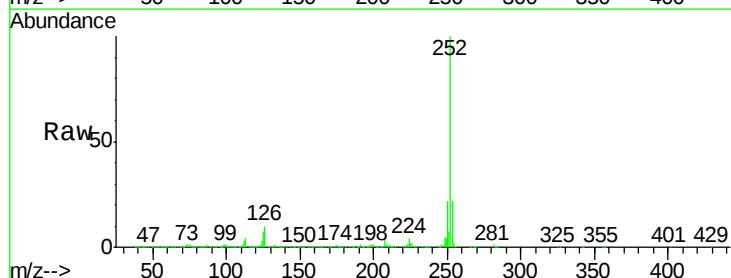
RT: 14.89 min Scan# 1120

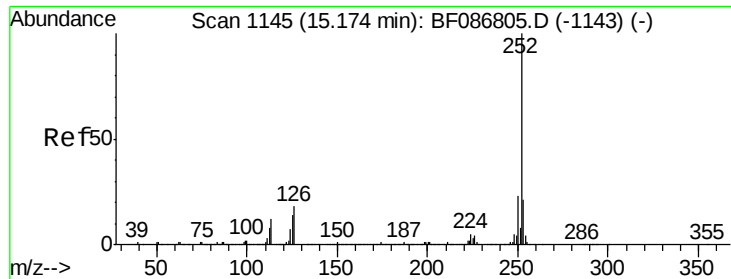
Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:	252	Resp:	1032073
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	6.9	9.1	13.7#





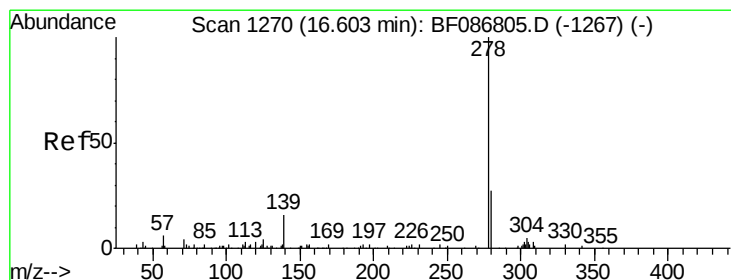
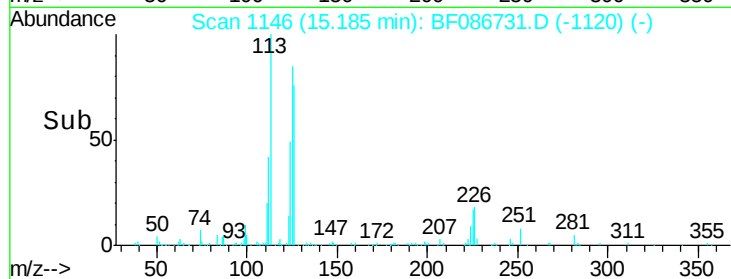
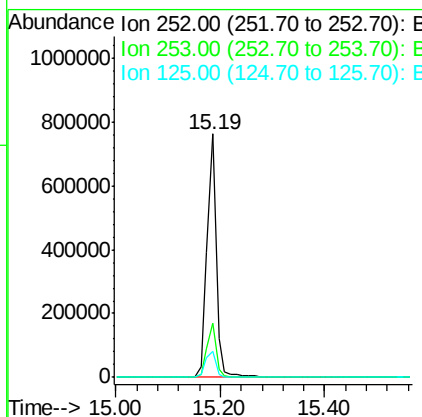
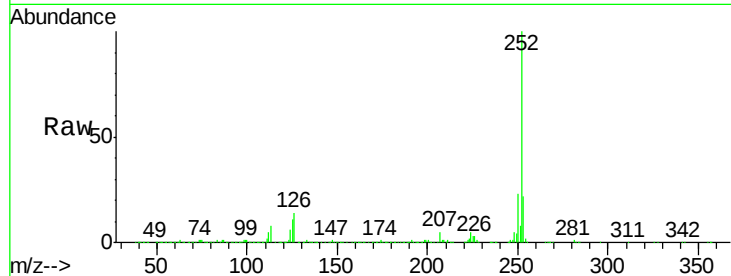
#89
Benzo(a)pyrene
Concen: 51.99 ng
RT: 15.19 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.7	9.0	13.6

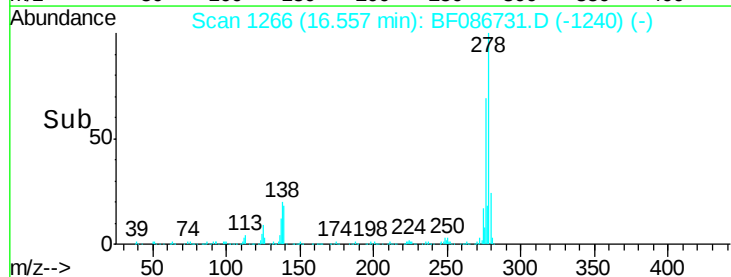
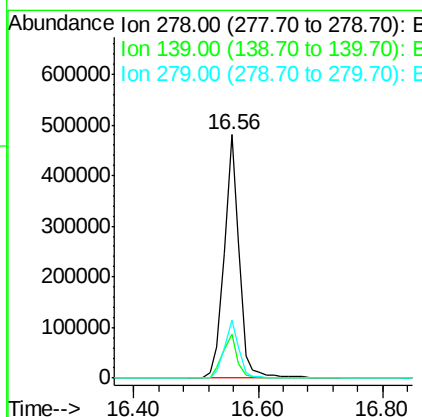
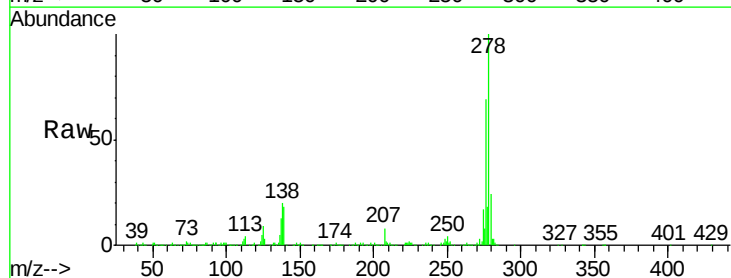
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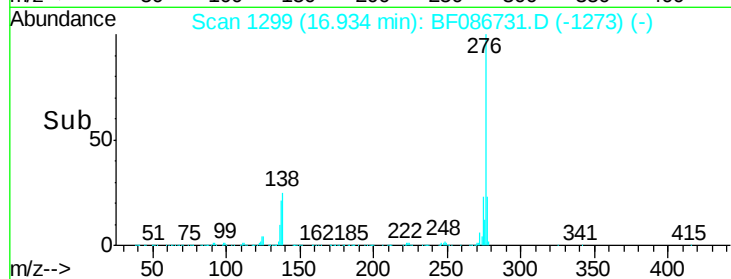
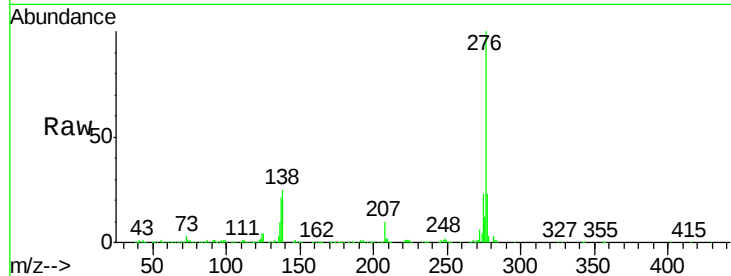
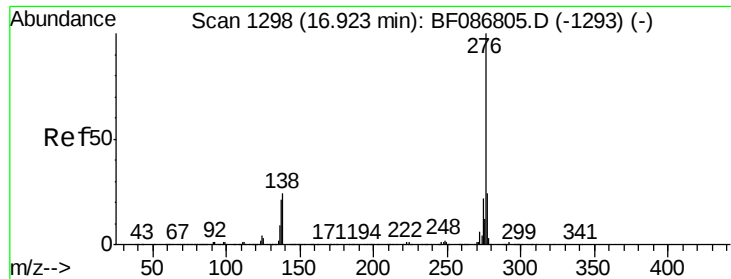
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#90
Dibenzo(a,h)anthracene
Concen: 46.52 ng
RT: 16.56 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	16.6	24.8
279	23.6	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 46.45 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

MW-1MS

Tgt Ion:	276	Resp:	841515
Ion Ratio		Lower	Upper
276	100		
277	23.3	19.6	29.4
138	25.2	23.6	35.4

Manual Integrations
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