

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086293.D
 Acq On : 18 Apr 2016 20:34
 Operator : UM/SJ
 Sample : H2413-11MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Manual Integrations
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 4/19/2016 6:24:05 PM

Quant Time: Apr 19 02:26:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	307276	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1210587	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	478466	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	731390	20.00	ng	0.00
75) Chrysene-d12	14.05	240	421760	20.00	ng	0.00
86) Perylene-d12	15.48	264	406730	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2221543	118.46	ng	0.02
7) Phenol-d6	6.52	99	2798250	119.29	ng	0.00
23) Nitrobenzene-d5	7.46	82	1793735	85.46	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	437366	113.84	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2140732	82.56	ng	-0.01
78) Terphenyl-d14	13.00	244	1516488	90.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	367592	35.54	ng	97
3) Pyridine	3.33	79	996119	36.93	ng	96
4) n-Nitrosodimethylamine	3.28	42	468012	48.03	ng	# 73
6) Aniline	6.56	93	666738	19.72	ng	96
8) 2-Chlorophenol	6.68	128	870677	41.04	ng	# 79
9) Benzaldehyde	6.43	77	304387	18.29	ng	92
10) Phenol	6.54	94	1123410	40.22	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	937568	44.61	ng	# 83
12) 1,3-Dichlorobenzene	6.83	146	868609	38.58	ng	98
13) 1,4-Dichlorobenzene	6.91	146	932344	43.48	ng	98
14) 1,2-Dichlorobenzene	7.06	146	785593m	41.27	ng	
15) Benzyl Alcohol	7.04	79	737909	44.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1317161	40.22	ng	99
17) 2-Methylphenol	7.15	107	815770	46.15	ng	96
18) Hexachloroethane	7.40	117	289096	35.74	ng	# 86
19) n-Nitroso-di-n-propylamine	7.31	70	555698	37.02	ng	# 85
20) 3+4-Methylphenols	7.30	107	737069	37.22	ng	# 86
22) Acetophenone	7.31	105	1104027	50.09	ng	# 97
24) Nitrobenzene	7.48	77	1016185	44.28	ng	88
25) Isophorone	7.72	82	1853781	44.51	ng	97
26) 2-Nitrophenol	7.79	139	398598	39.84	ng	88
27) 2,4-Dimethylphenol	7.84	122	894730	44.28	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	1069442	43.68	ng	100
29) 2,4-Dichlorophenol	8.03	162	669363	43.57	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	711080	44.23	ng	99
31) Naphthalene	8.20	128	2382339	44.07	ng	100
32) Benzoic acid	7.90	122	118814	9.20	ng	93
33) 4-Chloroaniline	8.25	127	359830	14.89	ng	# 93
34) Hexachlorobutadiene	8.32	225	334405	41.52	ng	98
35) Caprolactam	8.62	113	266700	47.95	ng	86
36) 4-Chloro-3-methylphenol	8.73	107	775941	43.59	ng	93
37) 2-Methylnaphthalene	8.89	142	1449944	41.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	564280	58.24	ng	98
40) Hexachlorocyclopentadiene	9.05	237	212993	37.76	ng	98

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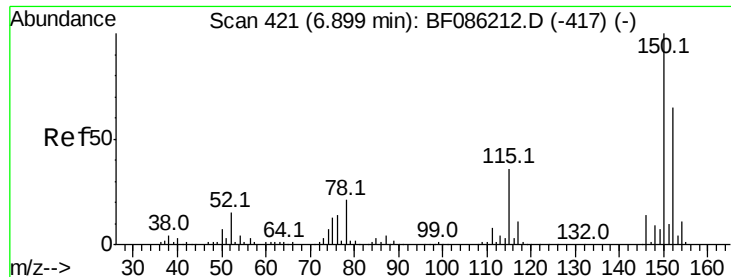
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	447931	47.52	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	413122	45.37	nq	# 87
45) 1,1'-Biphenyl	9.36	154	1572687	45.66	nq	99
46) 2-Chloronaphthalene	9.38	162	1226748	43.62	nq	98
47) 2-Nitroaniline	9.47	65	456095	50.07	nq	94
48) Acenaphthylene	9.79	152	1981342	44.28	nq	99
49) Dimethylphthalate	9.66	163	1879899	54.04	nq	98
50) 2,6-Dinitrotoluene	9.72	165	338355	43.95	nq	# 81
51) Acenaphthene	9.96	154	1167499	43.68	nq	100
52) 3-Nitroaniline	9.88	138	323202	34.55	nq	94
53) 2,4-Dinitrophenol	9.98	184	50941	21.22	nq	# 76
54) Dibenzofuran	10.13	168	1627165	46.09	nq	92
55) 4-Nitrophenol	10.04	139	524455	71.67	nq	91
56) 2,4-Dinitrotoluene	10.12	165	424935	43.12	nq	# 85
57) Fluorene	10.48	166	1012217	41.69	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	304857	46.10	nq	# 94
59) Diethylphthalate	10.36	149	1607177	44.76	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	515647	53.46	nq	91
61) 4-Nitroaniline	10.50	138	394415	48.79	nq	82
62) Azobenzene	10.64	77	1650301	46.97	nq	90
64) 4,6-Dinitro-2-methylphenol	10.52	198	54349	15.61	nq	# 71
65) n-Nitrosodiphenylamine	10.59	169	1082790	48.34	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	325125	47.70	nq	# 88
67) Hexachlorobenzene	11.02	284	318049	44.53	nq	96
68) Atrazine	11.12	200	276752	40.32	nq	98
69) Pentachlorophenol	11.22	266	332296	76.72	nq	98
70) Phenanthrene	11.44	178	1560693	44.68	nq	100
71) Anthracene	11.49	178	1719677	62.56	nq	98
72) Carbazole	11.64	167	1458281	43.89	nq	100
73) Di-n-butylphthalate	11.98	149	2102669	46.81	nq	# 98
74) Fluoranthene	12.63	202	1632087	55.60	nq	98
76) Benzidine	12.74	184	679383	41.53	nq	97
77) Pyrene	12.85	202	1633038	50.47	nq	99
79) Butylbenzylphthalate	13.47	149	750929	50.24	nq	# 77
80) Benzo(a)anthracene	14.04	228	1120460	48.39	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	347211	25.87	nq	# 98
82) Chrysene	14.08	228	1181220	47.85	nq	100
83) Bis(2-ethylhexyl)phthalate	14.03	149	894636	55.43	nq	# 97
84) Di-n-octyl phthalate	14.65	149	1811962	58.24	nq	99
85) Indeno(1,2,3-cd)pyrene	16.90	276	1058238	52.15	nq	97
87) Benzo(b)fluoranthene	15.07	252	1138872m	45.39	nq	
88) Benzo(k)fluoranthene	15.11	252	1045956m	45.71	nq	
89) Benzo(a)pyrene	15.43	252	1034068	47.57	nq	100
90) Dibenzo(a,h)anthracene	16.92	278	869372	45.26	nq	99
91) Benzo(g,h,i)perylene	17.32	276	904882	44.30	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

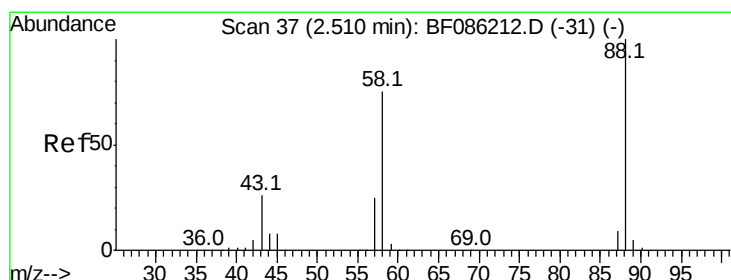
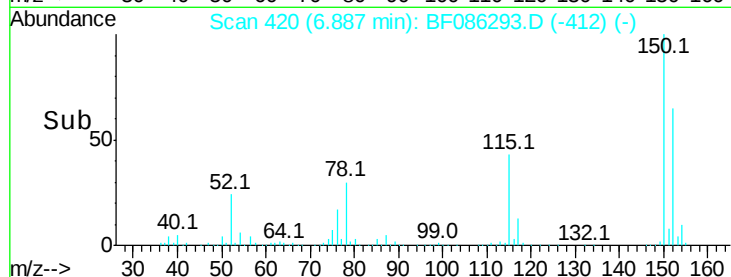
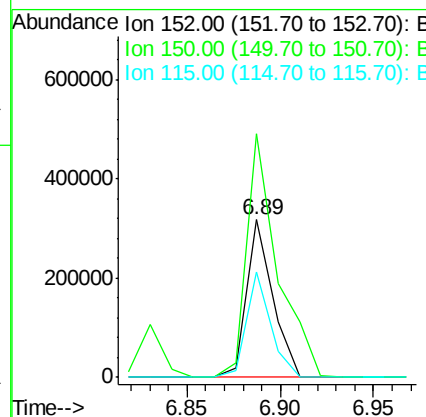
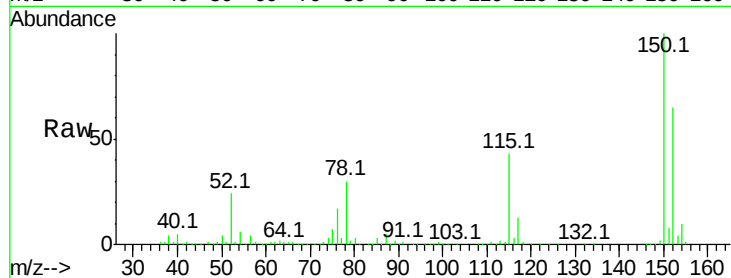
ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:	152	Resp:	307276
Ion Ratio	Lower	Upper	
152	100		
150	154.3	124.1	186.1
115	66.4	43.9	65.9#

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#2

1,4-Dioxane

Concen: 35.54 ng

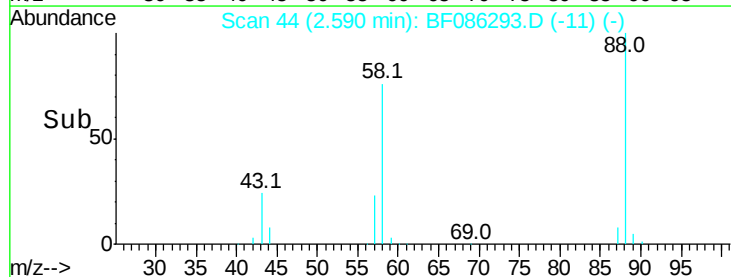
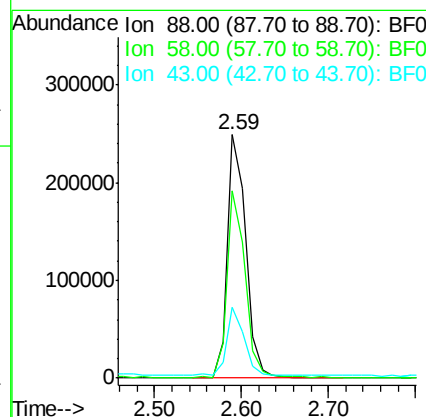
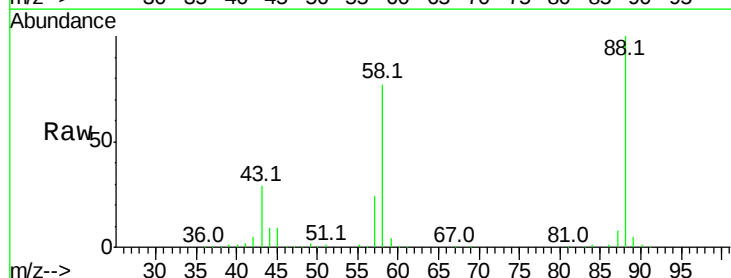
RT: 2.59 min Scan# 44

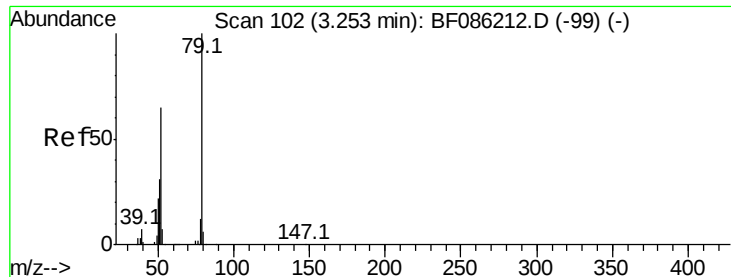
Delta R.T. 0.08 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:	88	Resp:	367592
Ion Ratio	Lower	Upper	
88	100		
58	75.5	58.4	87.6
43	26.6	23.3	34.9





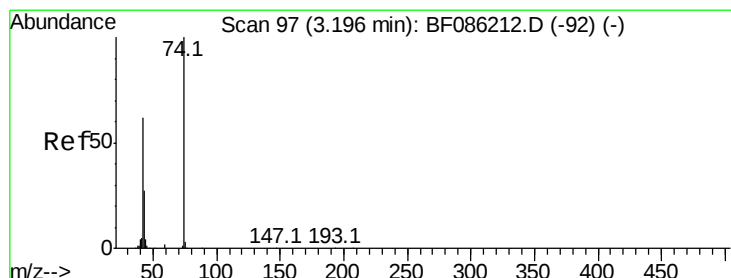
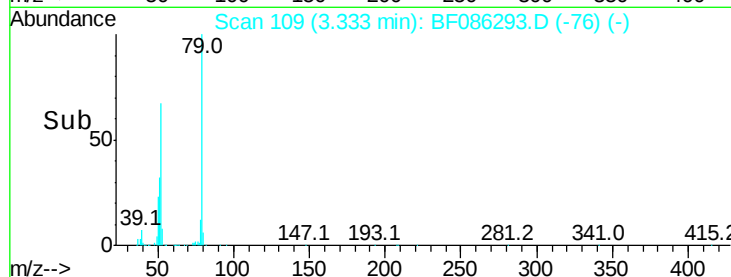
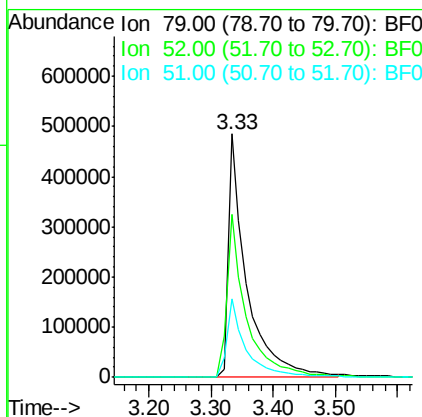
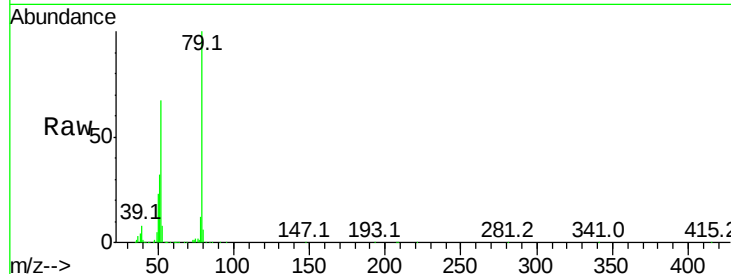
#3
 Pvridine
 Concen: 36.93 ng
 RT: 3.33 min Scan# 109
 Delta R.T. 0.08 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.0	55.4	83.2
51	32.0	28.1	42.1

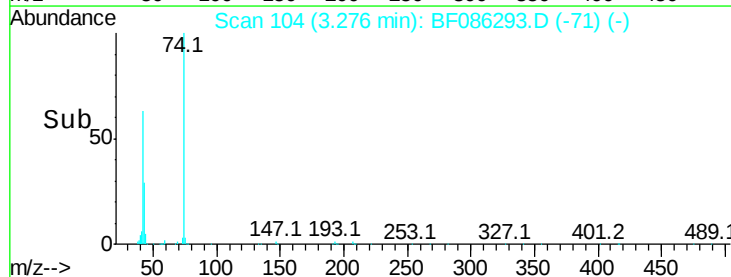
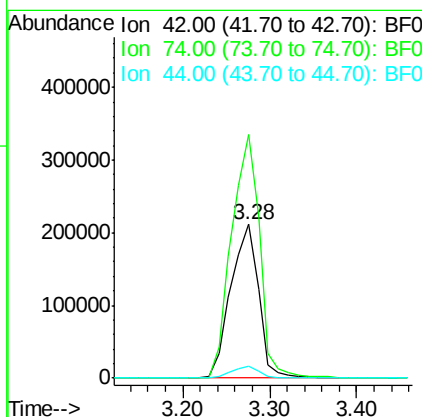
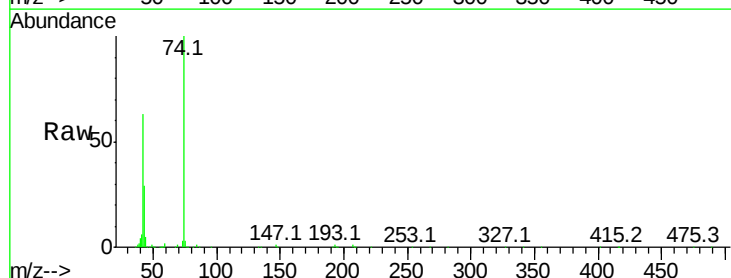
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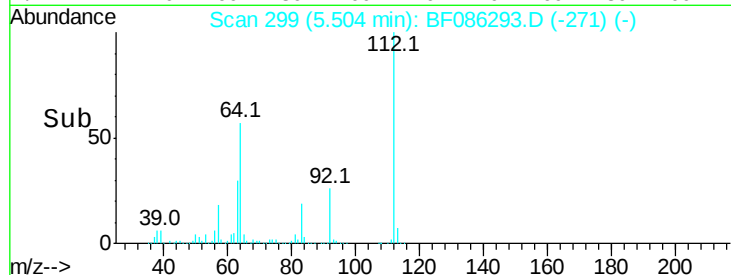
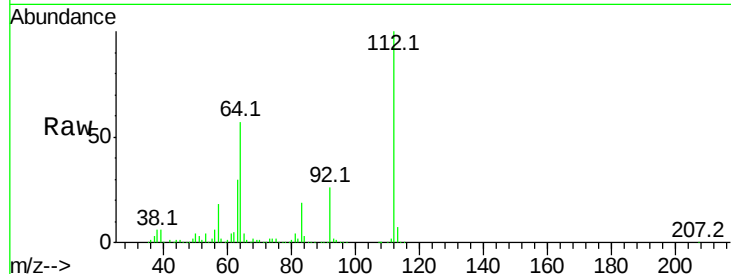
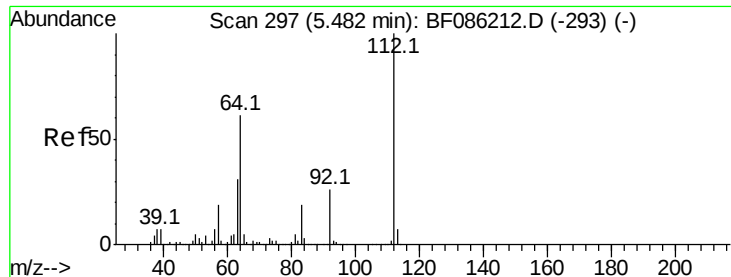
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#4
 n-Nitrosodimethylamine
 Concen: 48.03 ng
 RT: 3.28 min Scan# 104
 Delta R.T. 0.08 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.2	100.5	150.7#
44	7.8	5.4	8.0





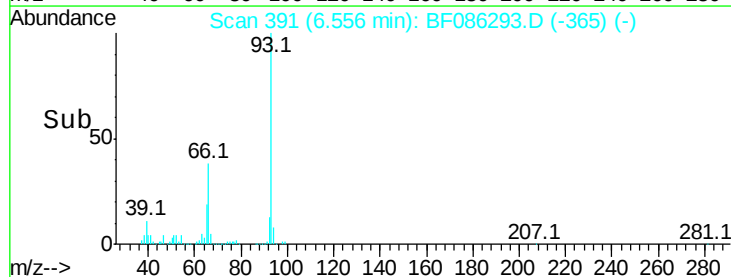
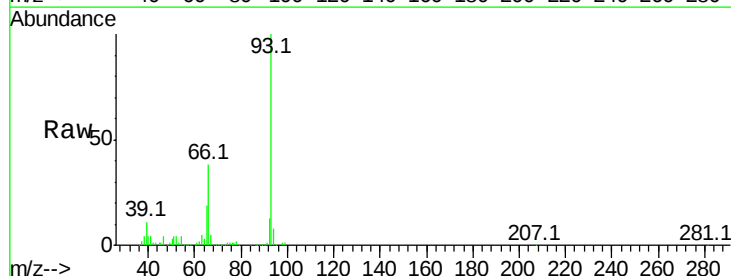
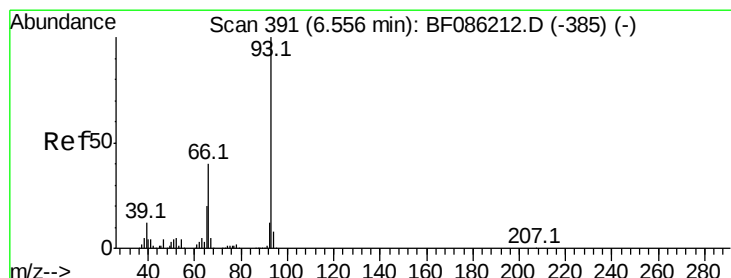
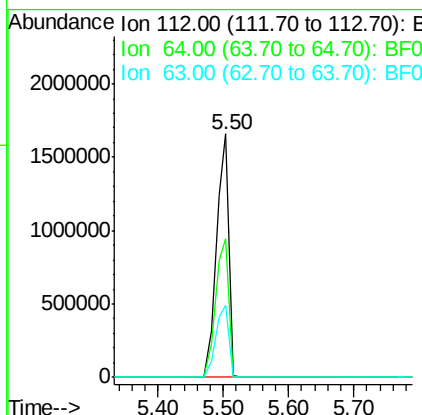
#5
2-Fluorophenol
Concen: 118.46 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.02 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.1	72.1
63	29.7	25.5	38.3

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

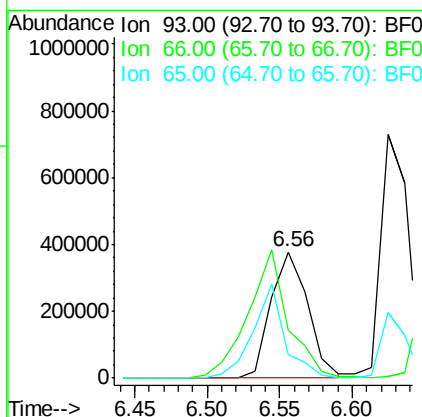
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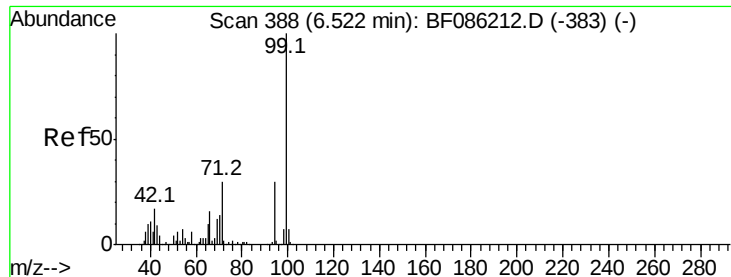
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#6
Aniline
Concen: 19.72 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.2	48.2
65	18.9	16.4	24.6





#7

Phenol-d6

Concen: 119.29 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion: 99 Resp: 2798250

Ion Ratio Lower Upper

99 100

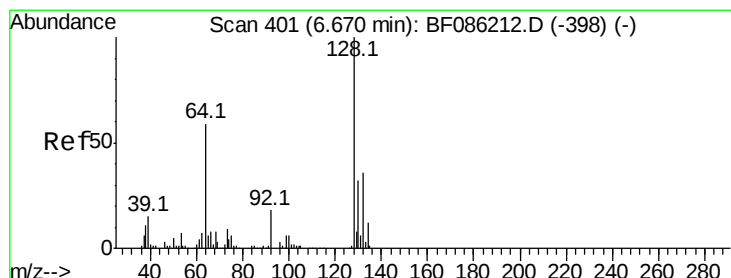
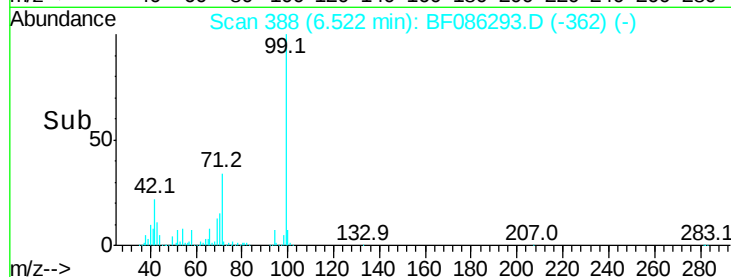
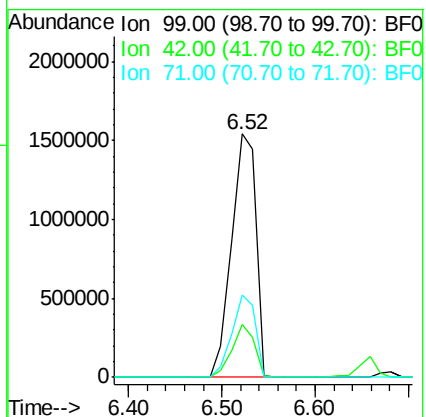
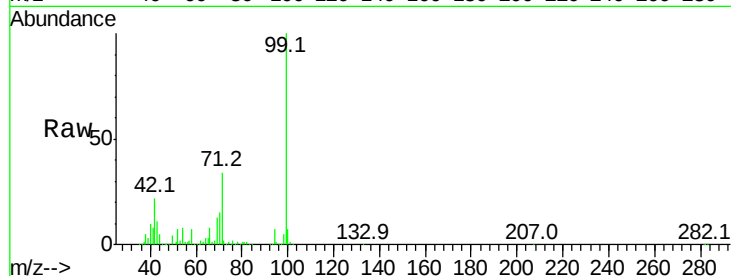
42 21.9 15.4 23.2

71 33.7 25.6 38.4

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#8

2-Chlorophenol

Concen: 41.04 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

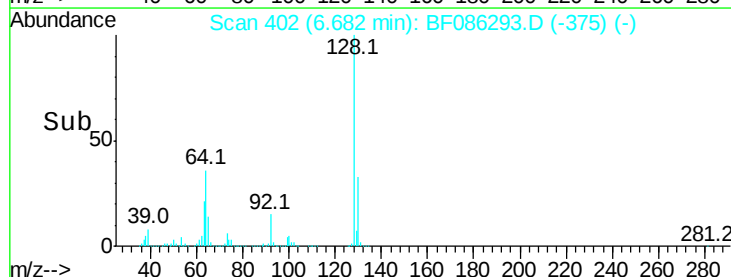
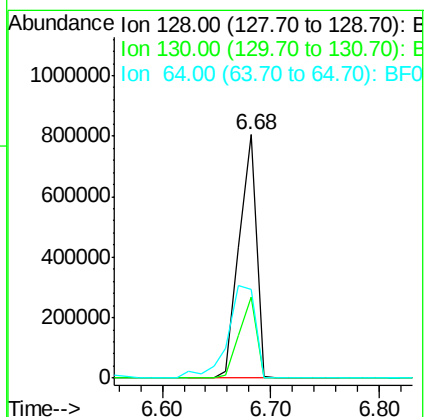
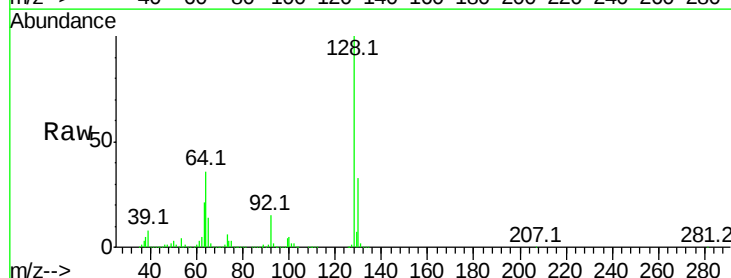
Tgt Ion: 128 Resp: 870677

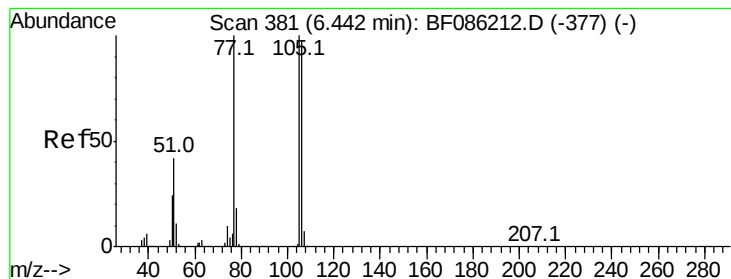
Ion Ratio Lower Upper

128 100

130 33.4 11.8 51.8

64 36.3 39.5 79.5#





#9

Benzaldehyde

Concen: 18.29 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

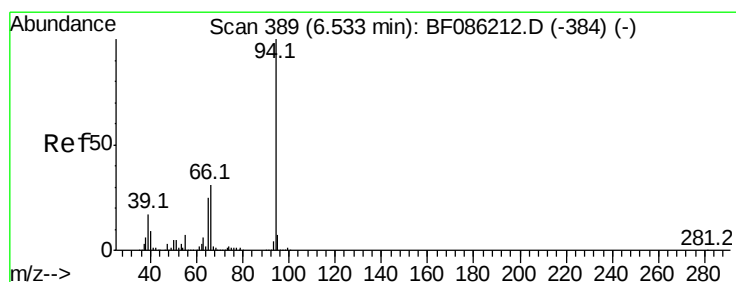
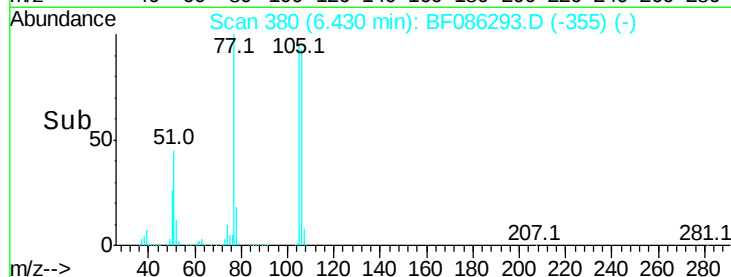
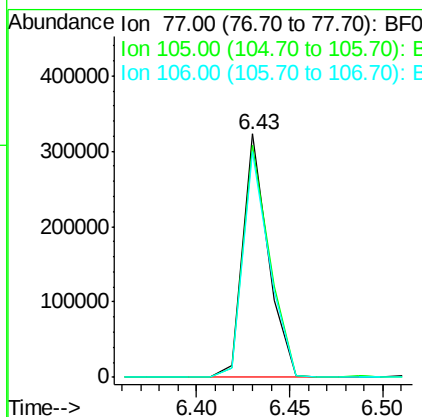
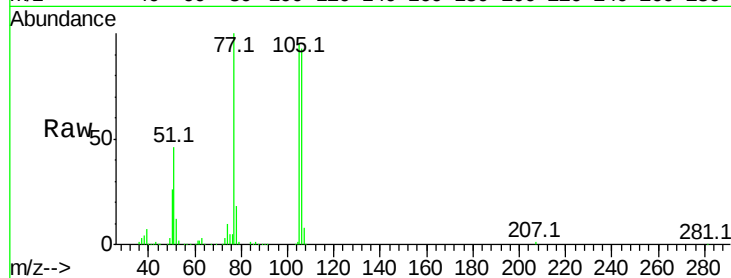
ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:	77	Resp:	304387
Ion Ratio	Lower	Upper	
77	100		
105	95.2	84.6	124.6
106	92.7	78.6	118.6

Manual Integrations
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#10

Phenol

Concen: 40.22 ng

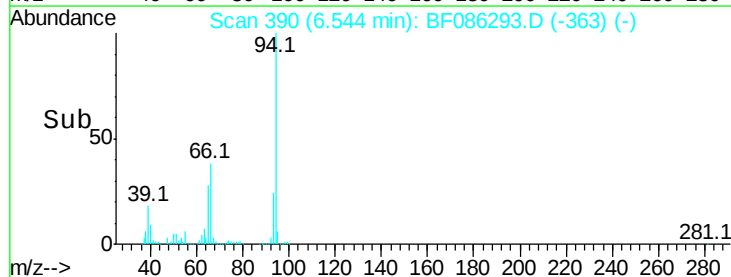
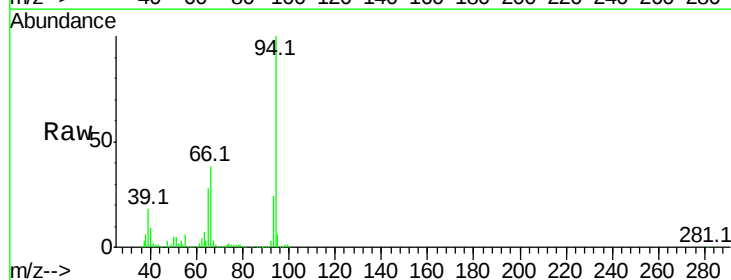
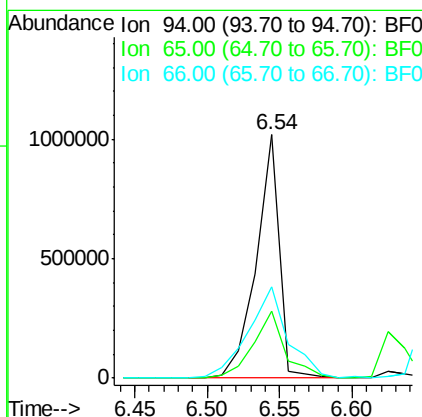
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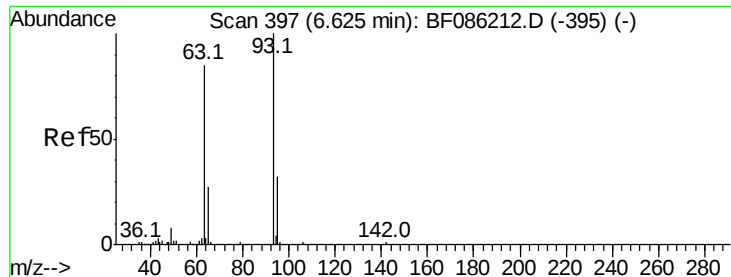
Delta R.T. 0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:	94	Resp:	1123410
Ion Ratio	Lower	Upper	
94	100		
65	27.7	7.9	47.9
66	37.7	16.5	56.5





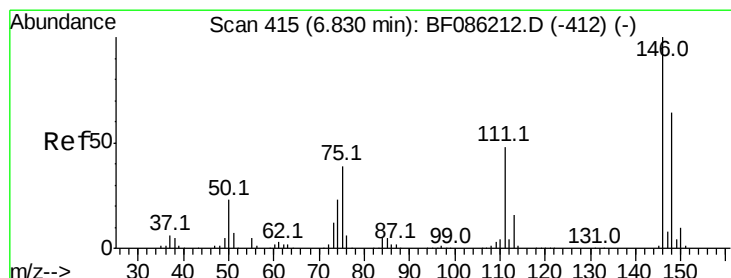
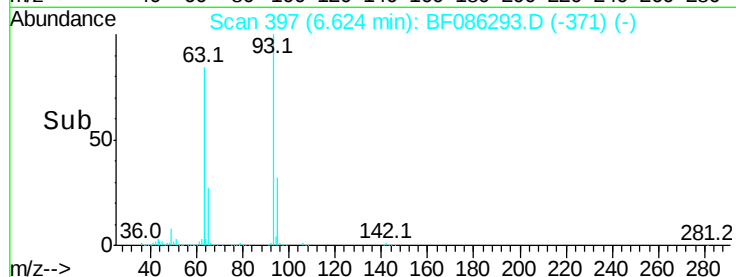
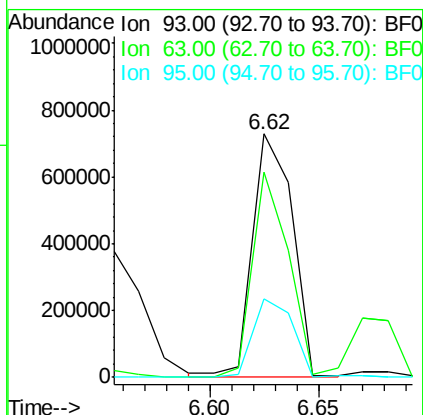
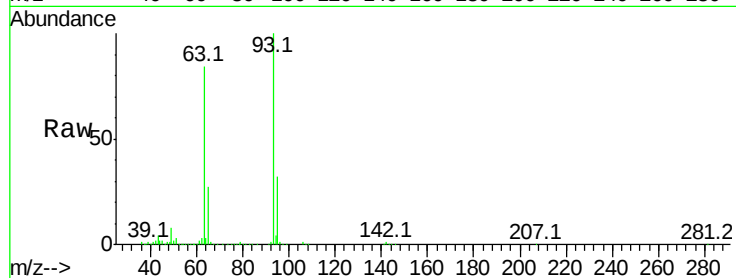
#11
bis(2-Chloroethyl)ether
Concen: 44.61 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	84.5	44.4	84.4#	
95	32.3	13.1	53.1	

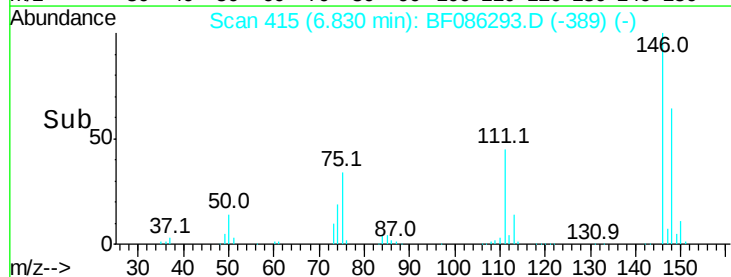
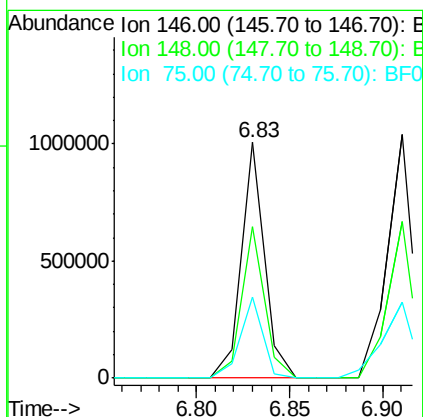
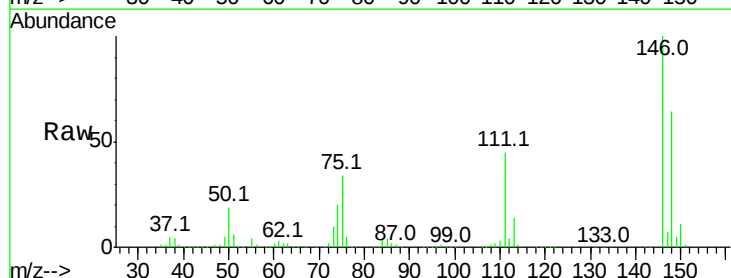
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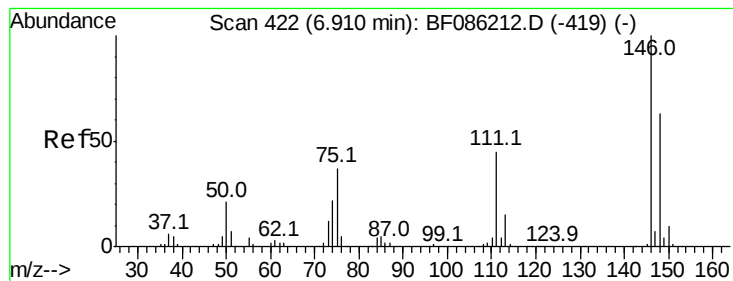
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.58 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.3	51.0	76.4	
75	34.3	29.9	44.9	





#13

1,4-Dichlorobenzene

Concen: 43.48 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

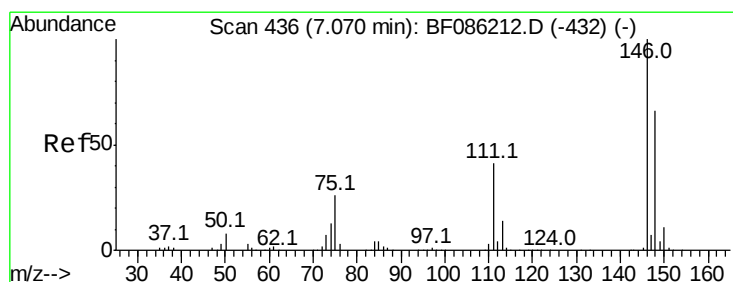
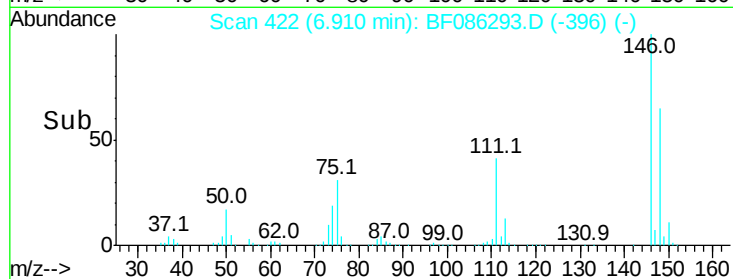
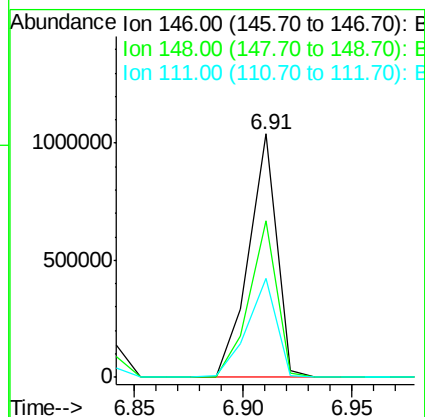
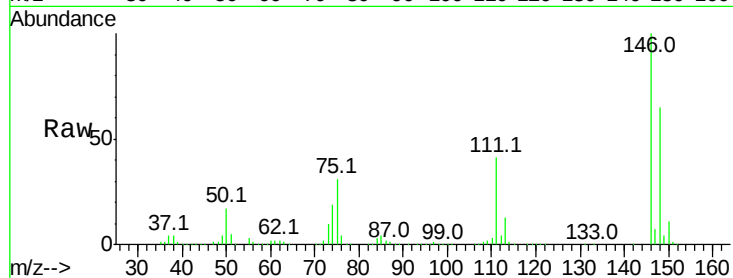
ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:	146	Resp:	932344
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.6
111	40.8	34.9	52.3

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#14

1,2-Dichlorobenzene

Concen: 41.27 ng m

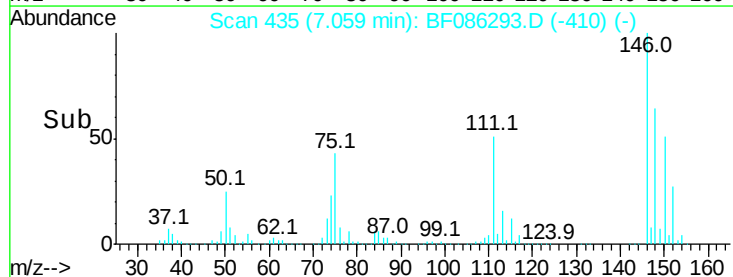
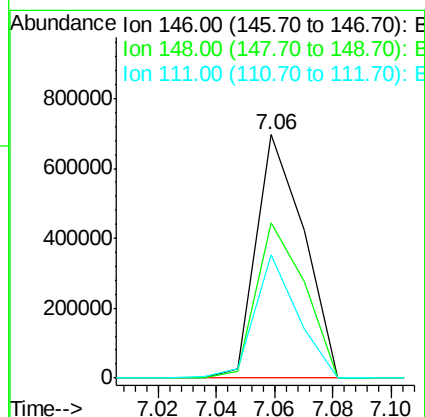
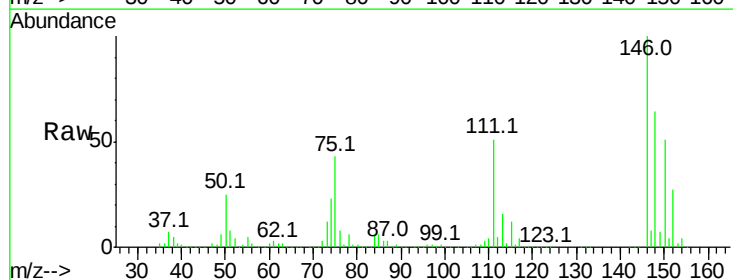
RT: 7.06 min Scan# 435

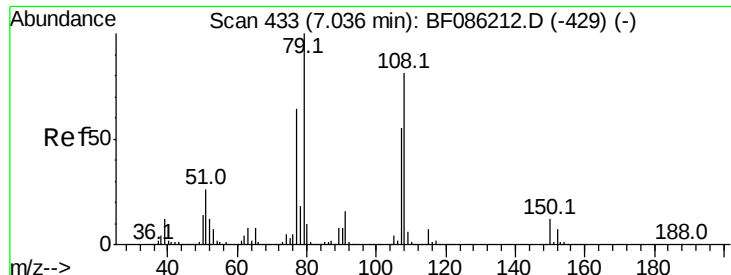
Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:	146	Resp:	785593
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.2
111	50.5	31.0	46.4#





#15

Benzyl Alcohol

Concen: 44.34 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

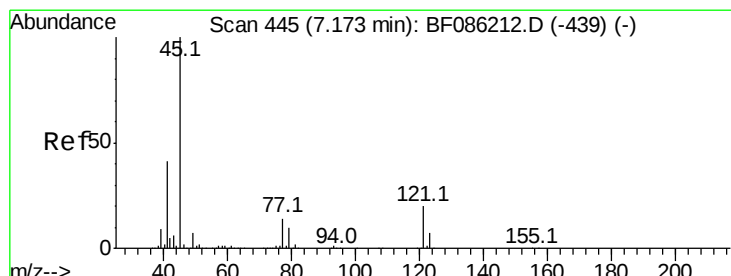
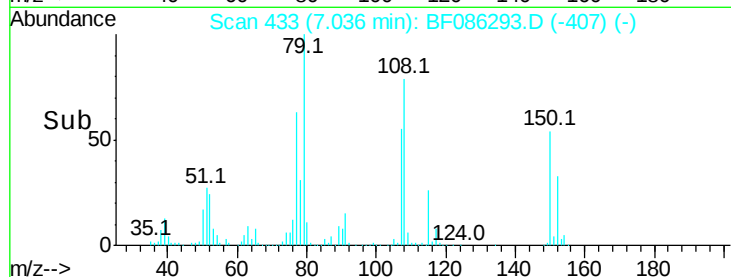
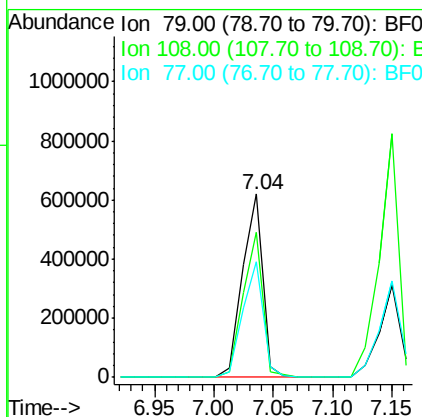
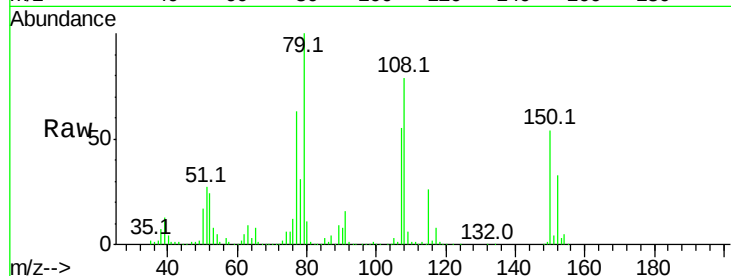
ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:	79	Resp:	737909
Ion Ratio	Lower	Upper	
79	100		
108	79.2	64.8	97.2
77	62.8	51.9	77.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.22 ng

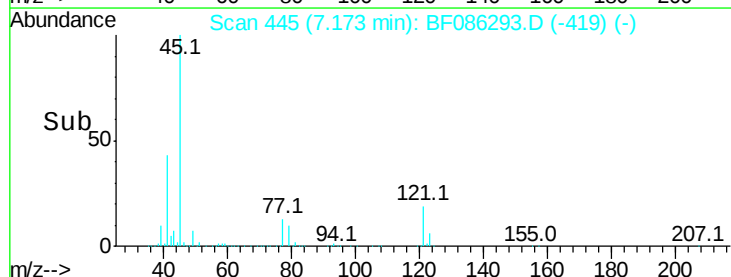
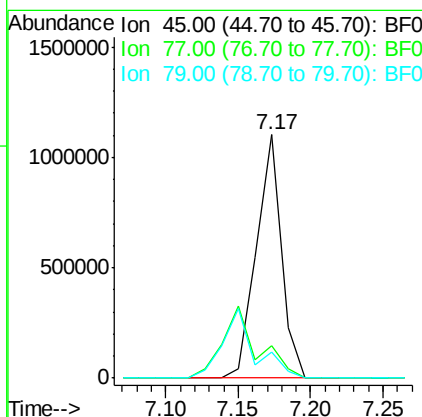
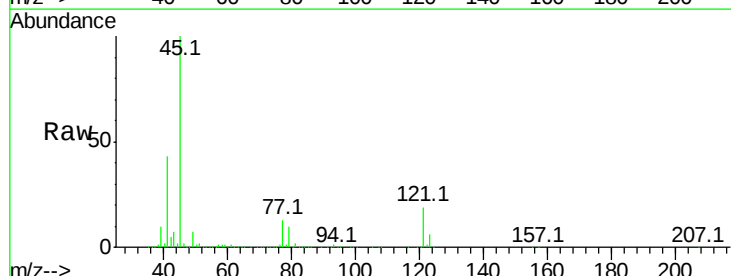
RT: 7.17 min Scan# 445

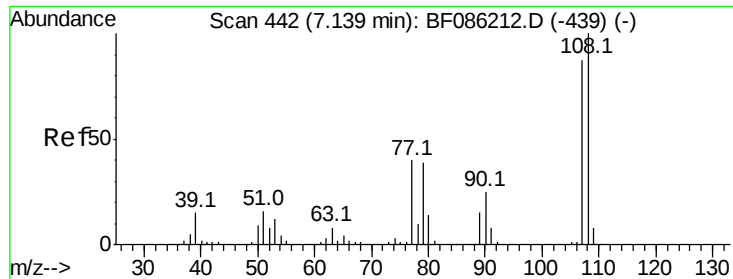
Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:	45	Resp:	1317161
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	33.7
79	10.4	0.0	30.1





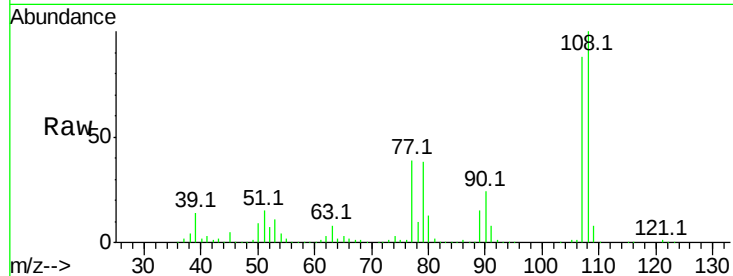
#17
2-Methylphenol
Concen: 46.15 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

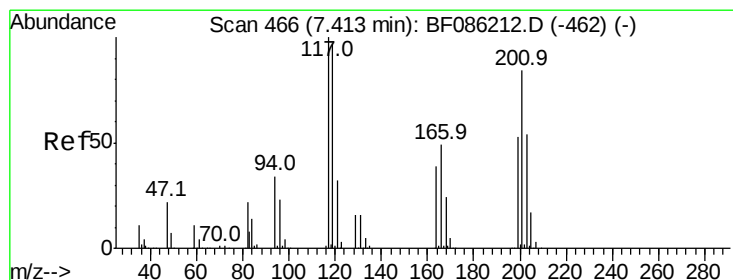
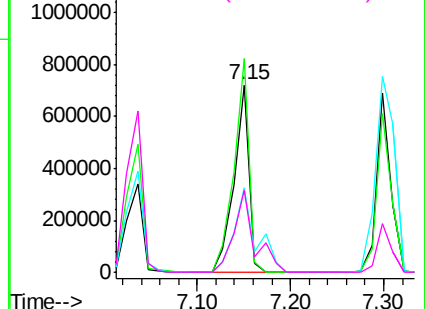
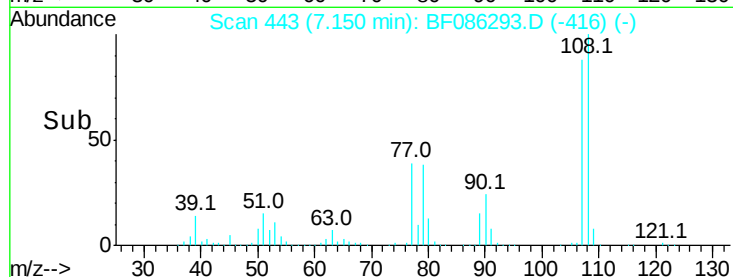
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	815770		
108	108	114.1	92.7	139.1	
77	77	44.9	39.6	59.4	
79	79	43.5	37.4	56.2	

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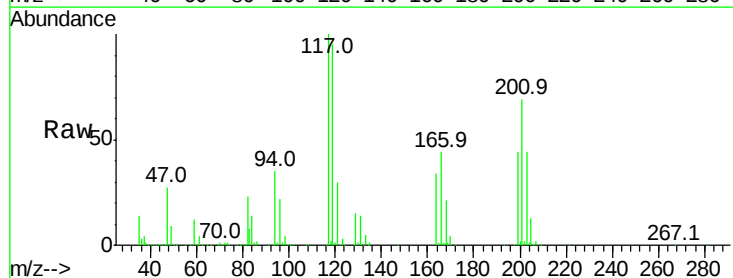


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

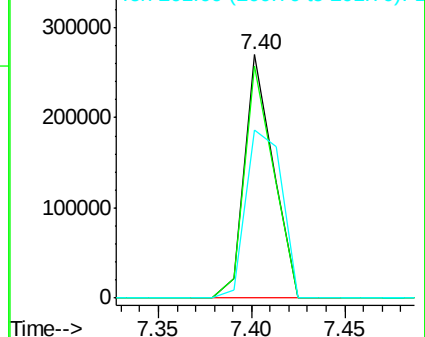
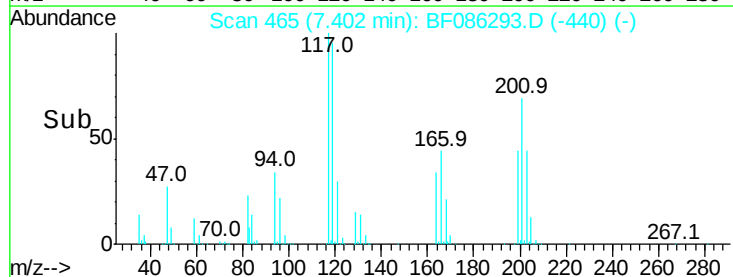


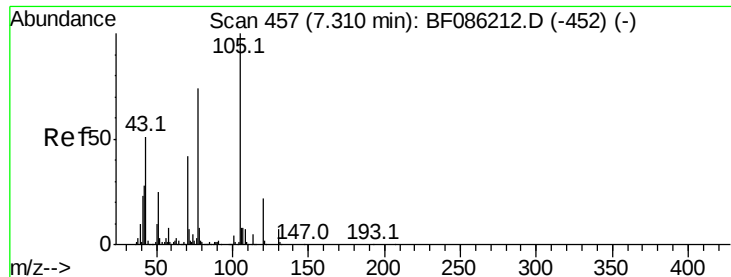
#18
Hexachloroethane
Concen: 35.74 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	289096		
119	119	95.1	78.2	117.4	
201	201	69.0	75.7	113.5#	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





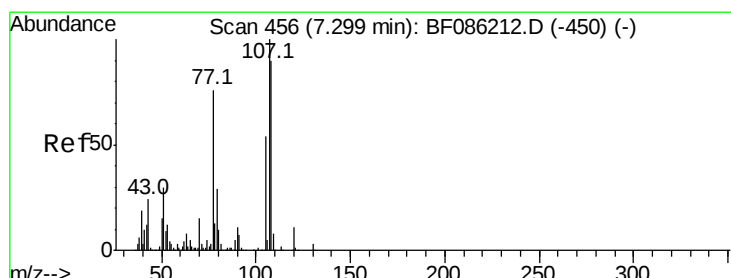
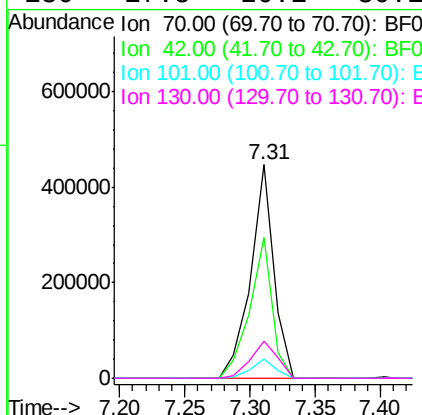
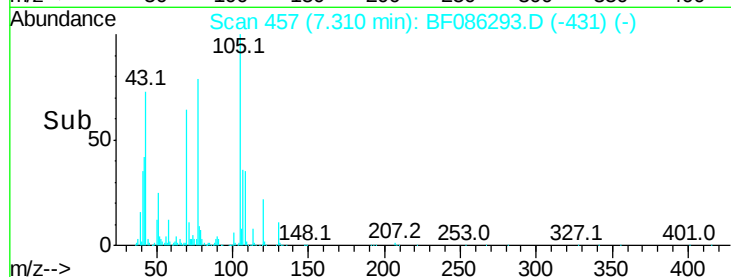
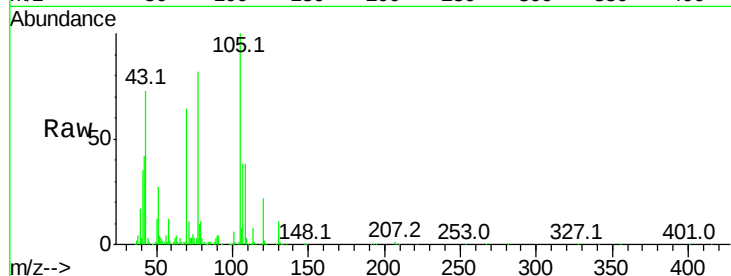
#19
n-Nitroso-di-n-propylamine
Concen: 37.02 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.2	43.0	64.4#
101	8.8	8.1	12.1
130	17.5	20.1	30.1#

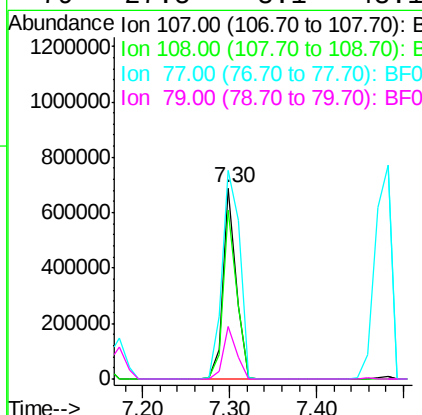
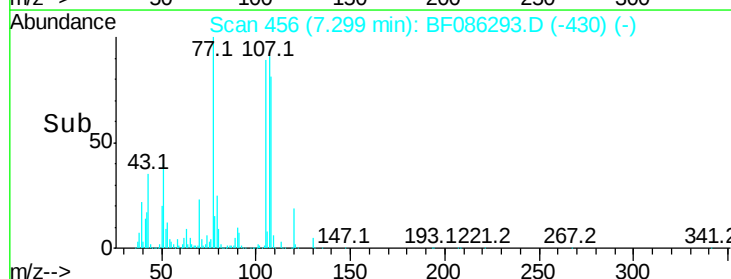
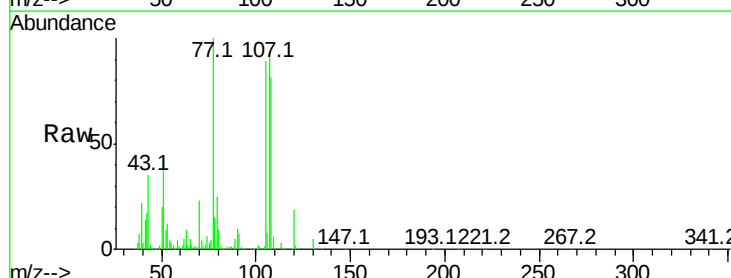
Manual Integrations
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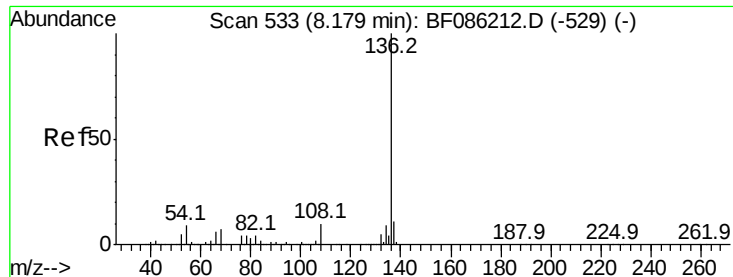
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#20
3+4-Methylphenols
Concen: 37.22 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.7	109.7
77	109.3	60.5	100.5#
79	27.5	8.1	48.1





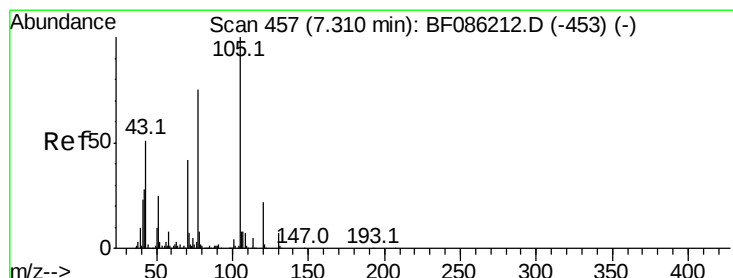
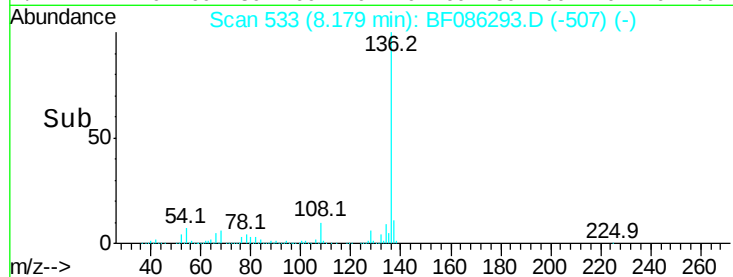
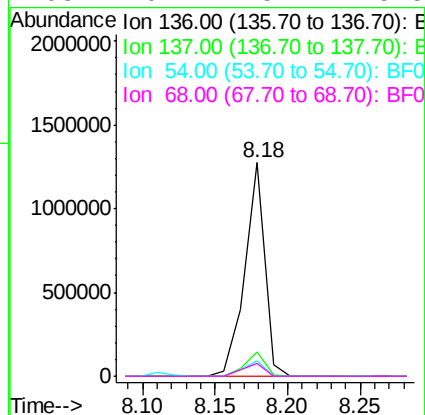
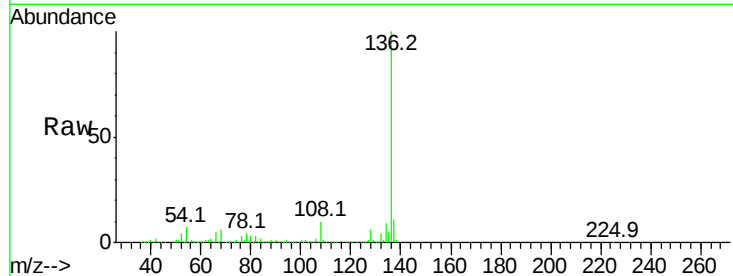
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1210587		
137	11.1		9.1	13.7
54	7.4		7.3	10.9
68	6.2		5.7	8.5

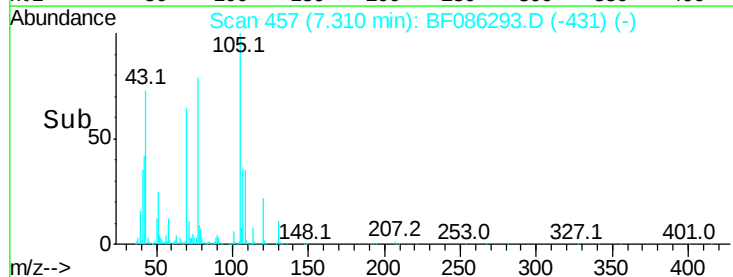
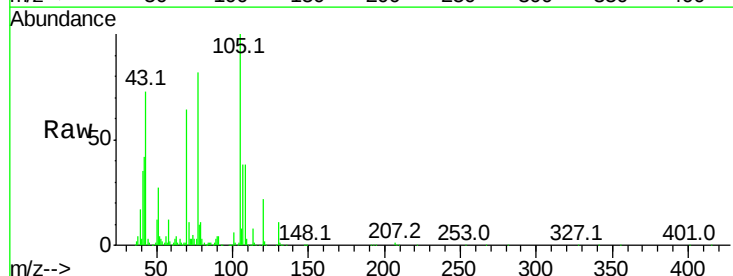
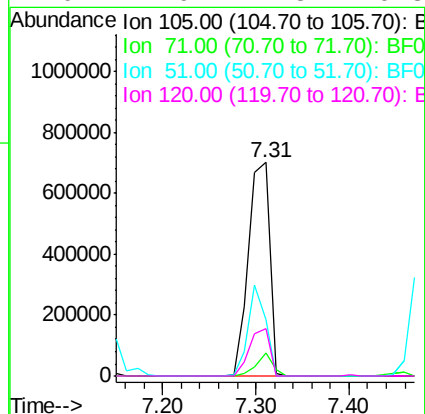
Manual Integrations
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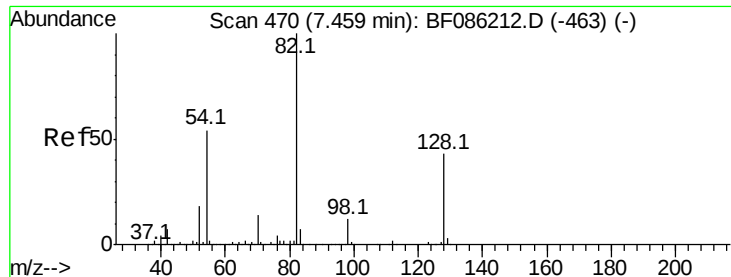
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#22
Acetophenone
Concen: 50.09 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1104027		
71	10.7		4.0	6.0#
51	26.5		22.0	33.0
120	21.9		17.5	26.3





#23
 Nitrobenzene-d5
 Concen: 85.46 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

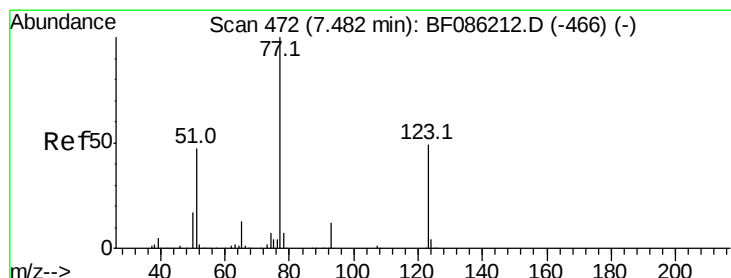
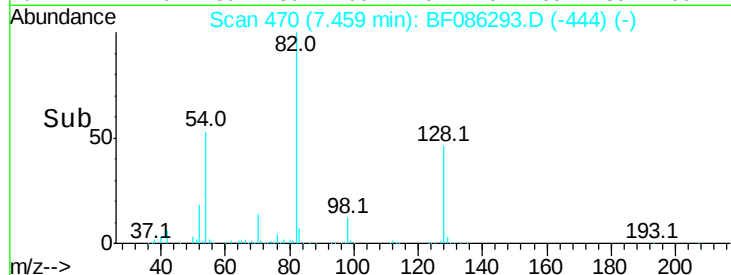
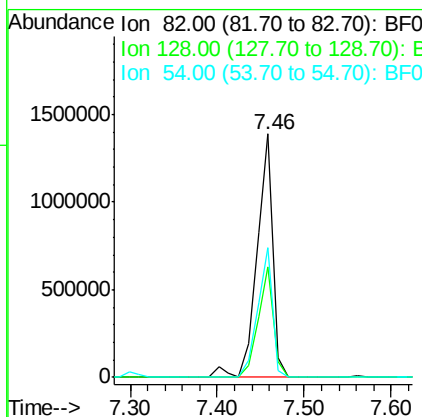
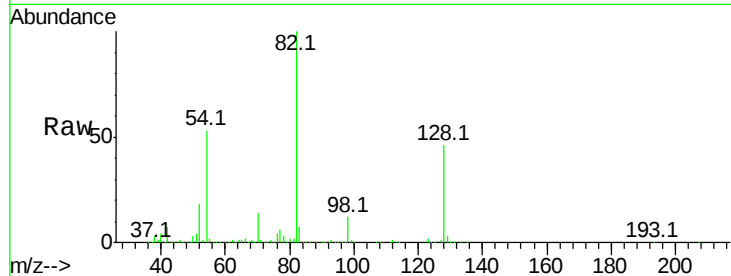
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tot Ion: 82 Resp: 1793735

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.4	53.2
54	53.1	43.4	65.0

Manual Integrations
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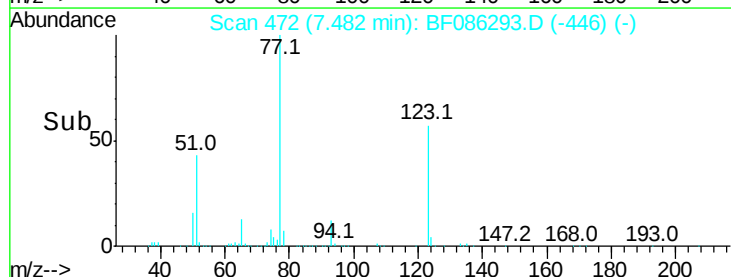
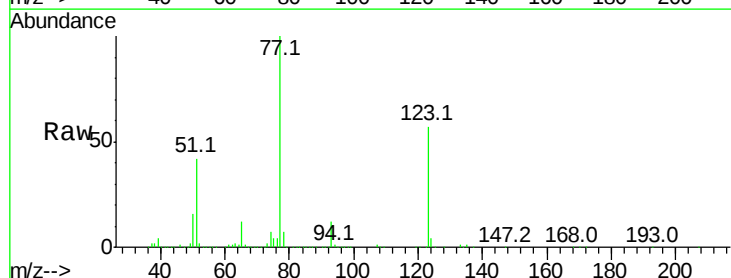
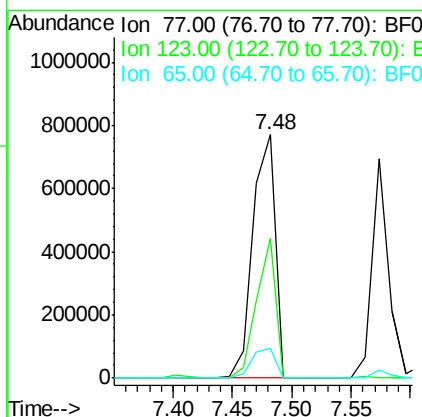
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 4/19/2016 6:24:05 PM

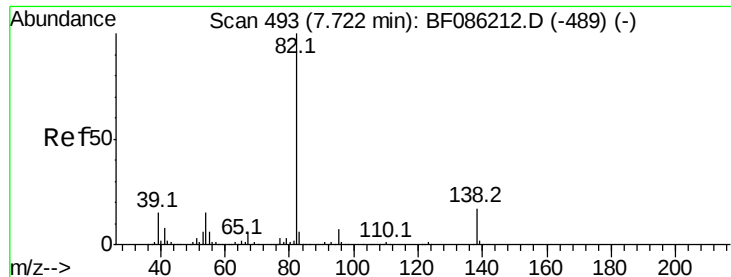


#24
 Nitrobenzene
 Concen: 44.28 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion: 77 Resp: 1016185

Ion	Ratio	Lower	Upper
77	100		
123	57.2	38.3	57.5
65	12.3	11.3	16.9





#25

Isophorone

Concen: 44.51 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion: 82 Resp: 1853781

Ion Ratio Lower Upper

82 100

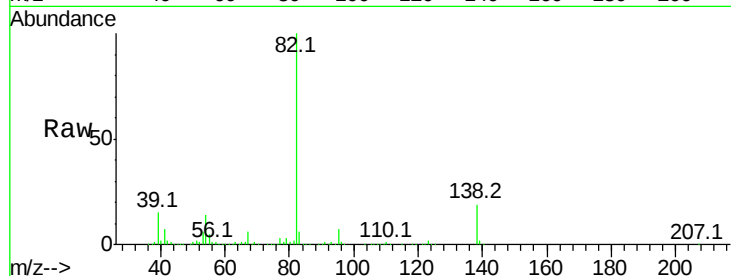
95 6.7 5.4 8.2

138 18.6 13.4 20.2

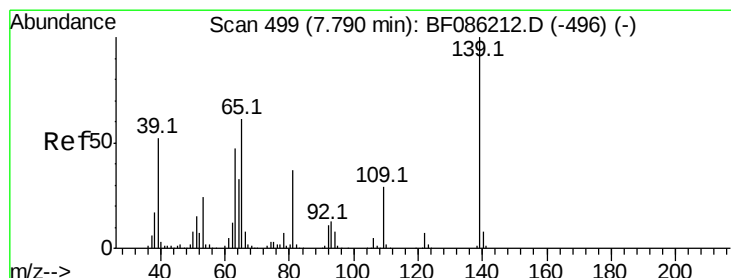
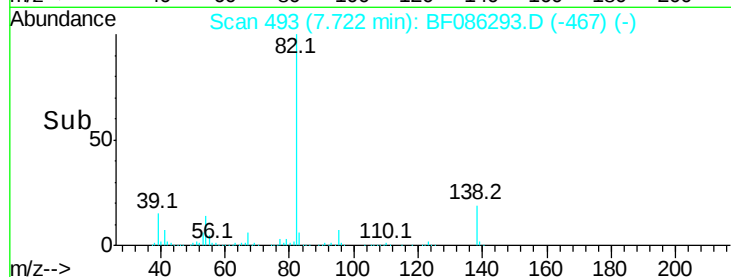
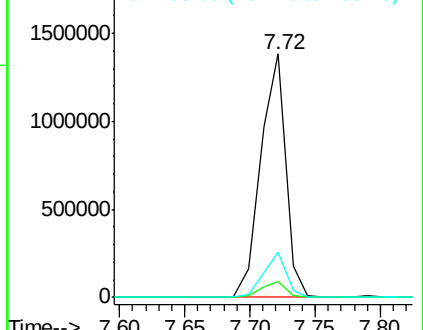
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.84 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

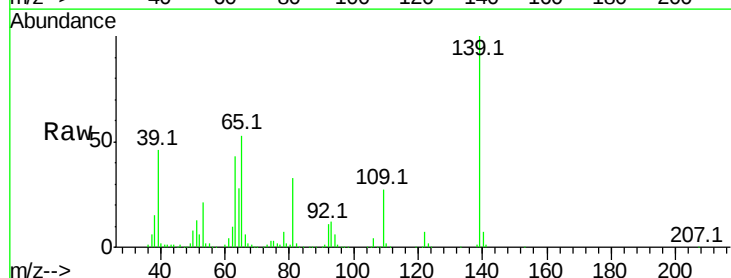
Tgt Ion: 139 Resp: 398598

Ion Ratio Lower Upper

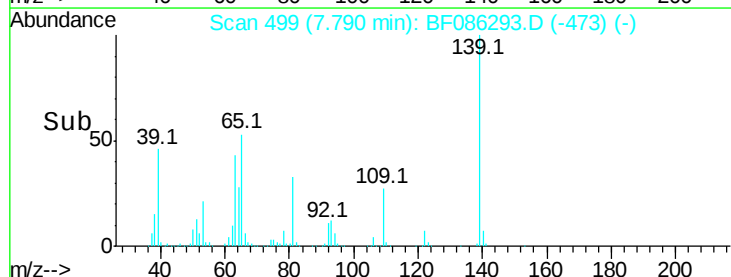
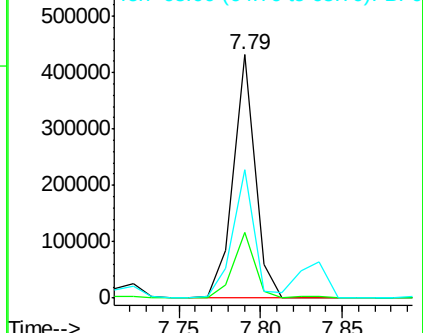
139 100

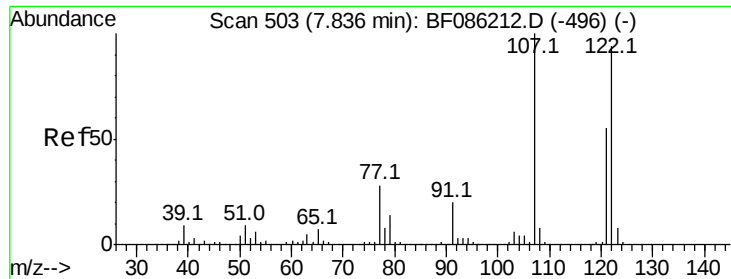
109 27.0 25.8 38.8

65 52.9 50.2 75.2



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: 44.28 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

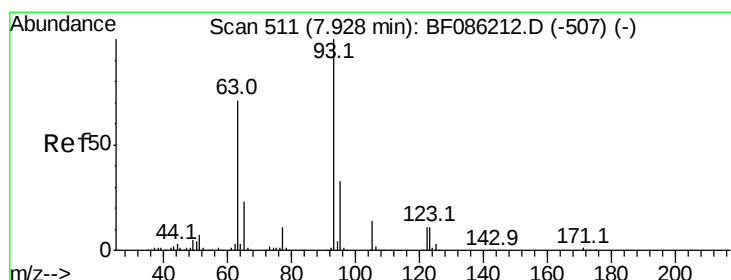
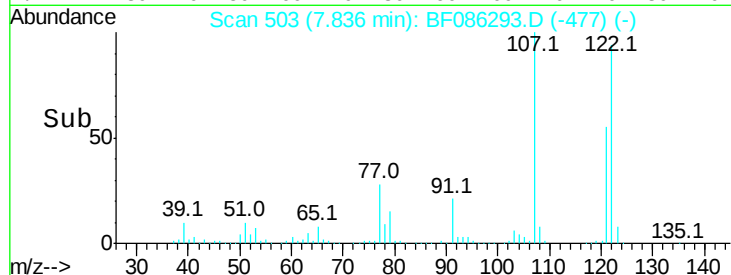
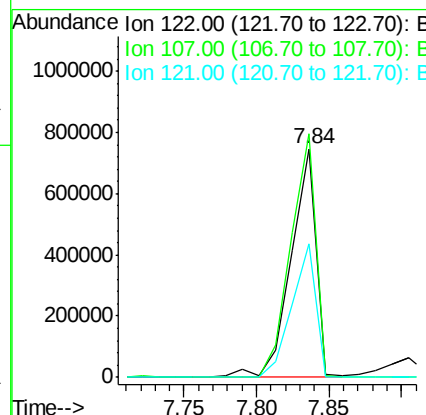
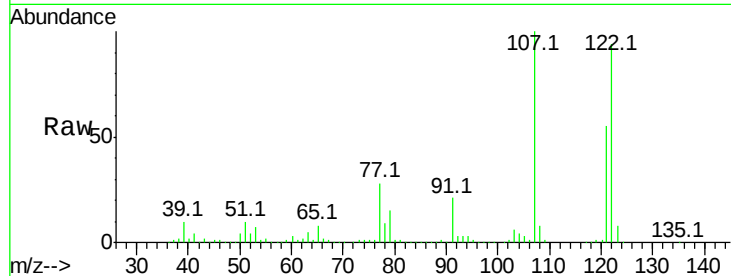
ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:	122	Resp:	894730
Ion Ratio	Lower	Upper	
122	100		
107	106.5	85.8	128.6
121	58.7	47.1	70.7

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 43.68 ng

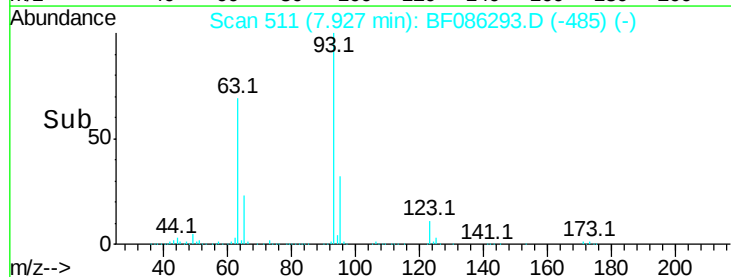
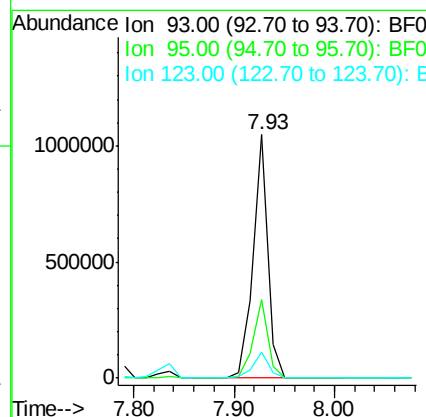
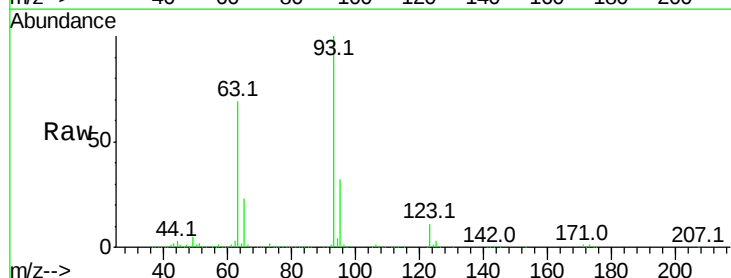
RT: 7.93 min Scan# 511

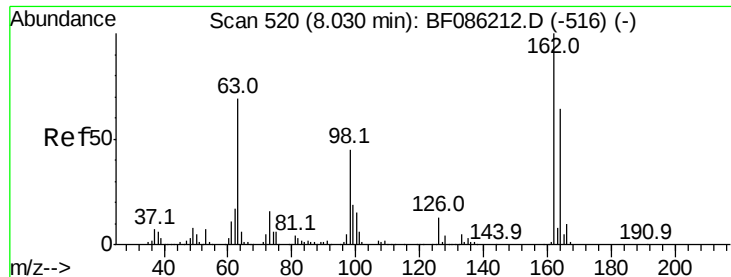
Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:	93	Resp:	1069442
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.8
123	10.7	8.9	13.3





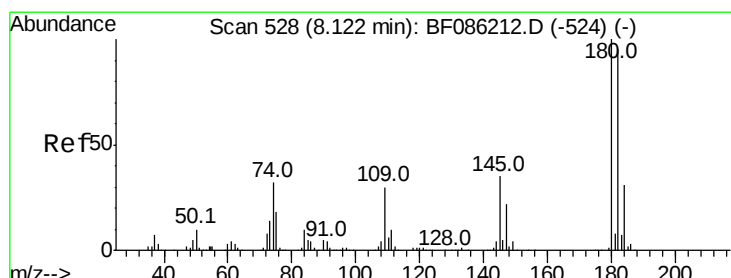
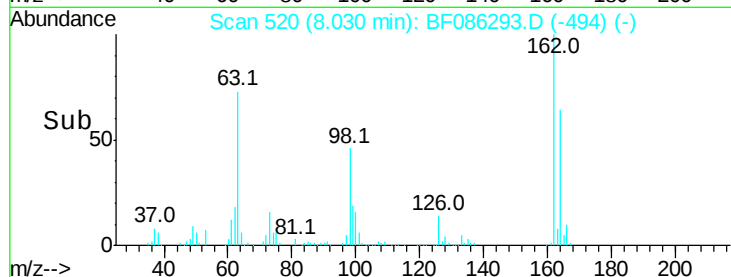
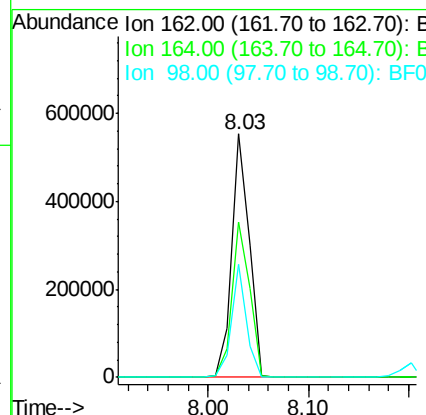
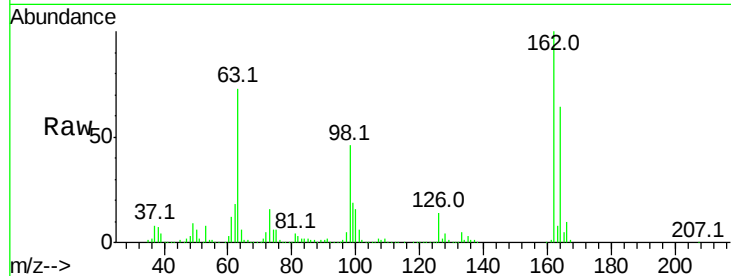
#29
2,4-Dichlorophenol
Concen: 43.57 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	669363		
164	64.0	43.3	83.3	
98	46.3	22.9	62.9	

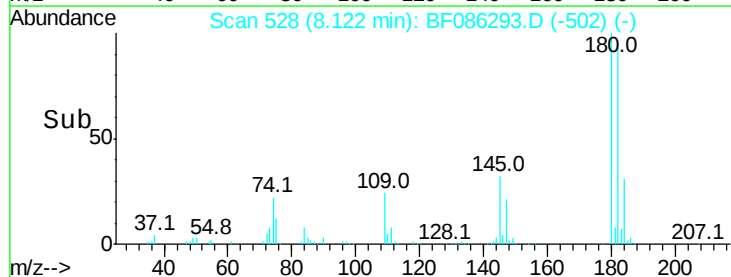
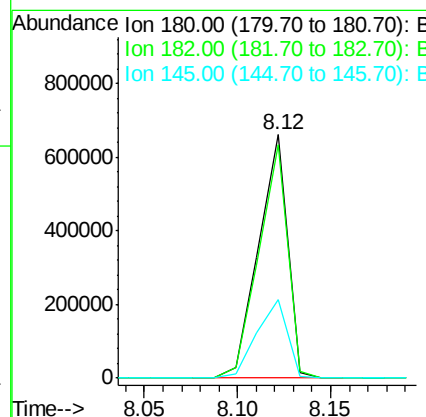
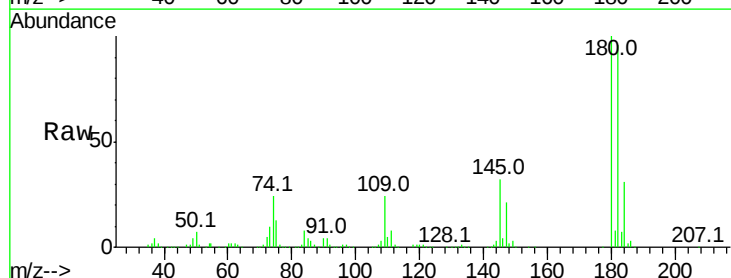
Manual Integrations
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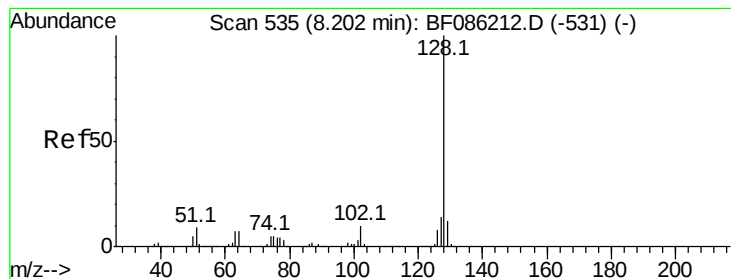
Sohil
4/19/2016 6:24:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.23 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	711080		
182	95.9	76.3	114.5	
145	32.0	27.4	41.2	





#31

Naphthalene

Concen: 44.07 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:128 Resp: 2382339

Ion Ratio Lower Upper

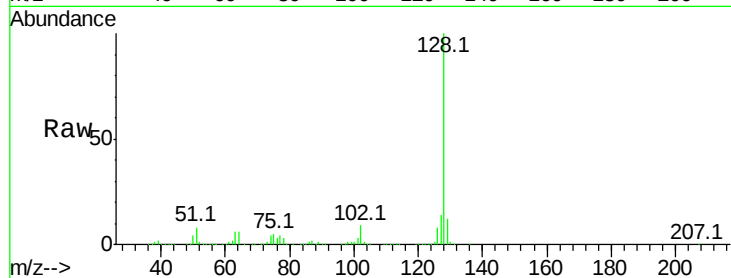
128 100

129 11.8 9.6 14.4

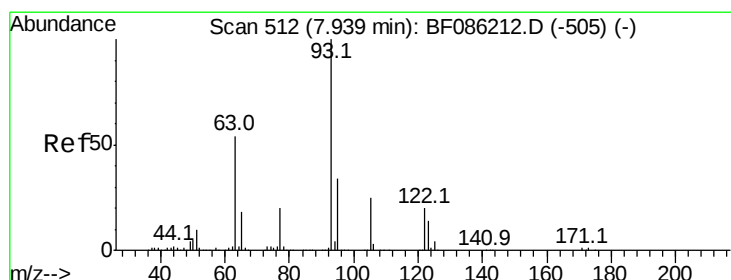
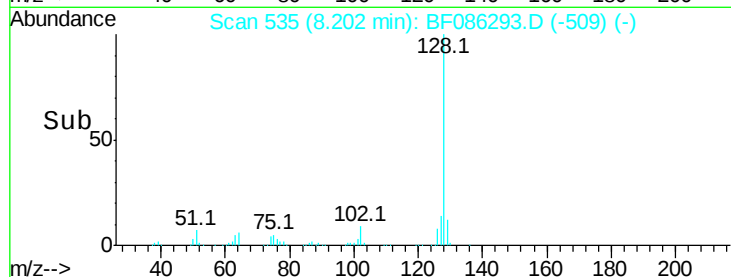
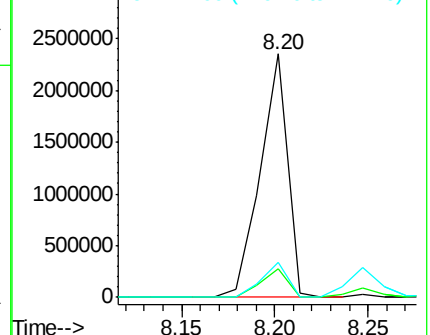
127 14.2 11.4 17.2

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



#32

Benzoic acid

Concen: 9.20 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

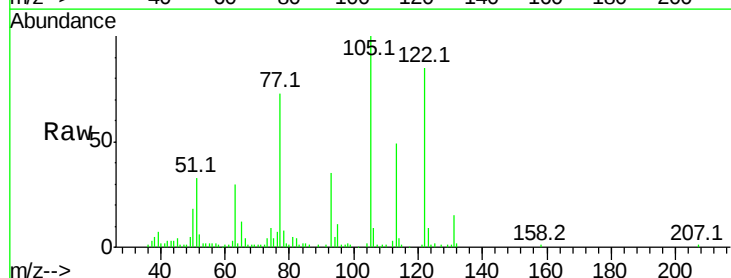
Tgt Ion:122 Resp: 118814

Ion Ratio Lower Upper

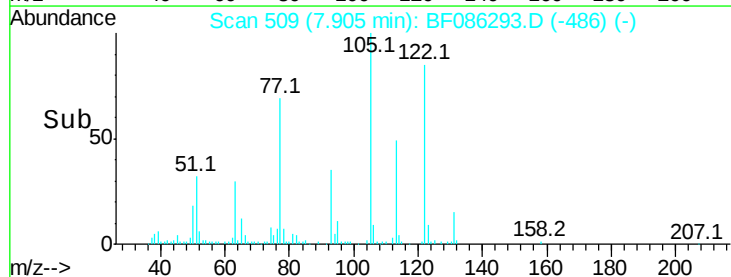
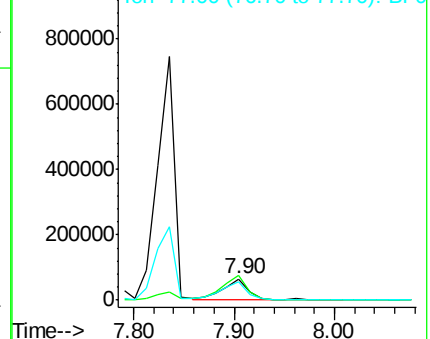
122 100

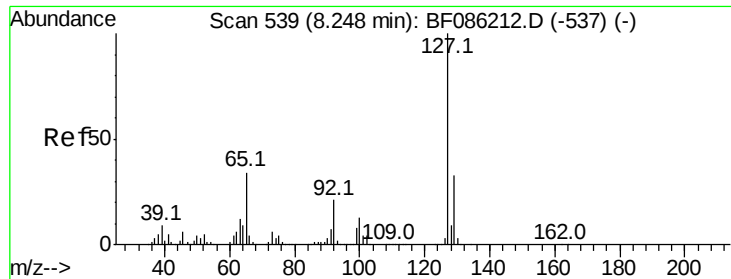
105 118.2 103.7 143.7

77 86.5 74.9 114.9



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: 14.89 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

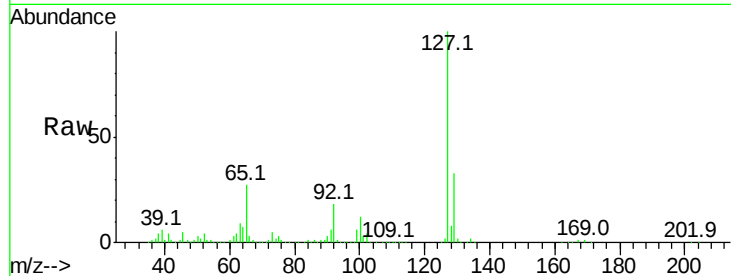
ClientSampled :

SP-1-A(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.8	40.2		
65	26.8	27.1	40.7		
92	17.7	16.2	24.2		

Manual Integrations
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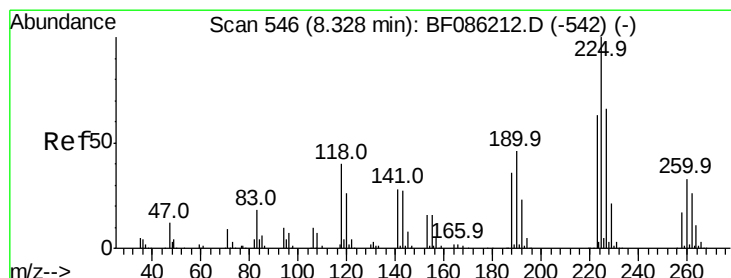
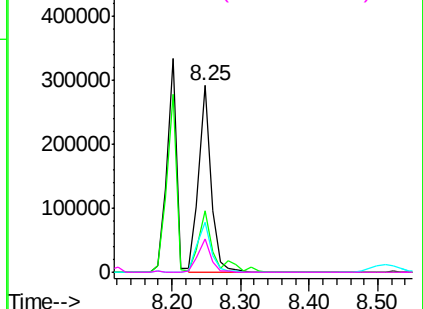
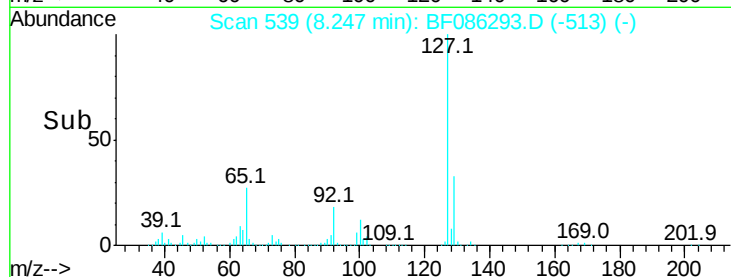


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.52 ng

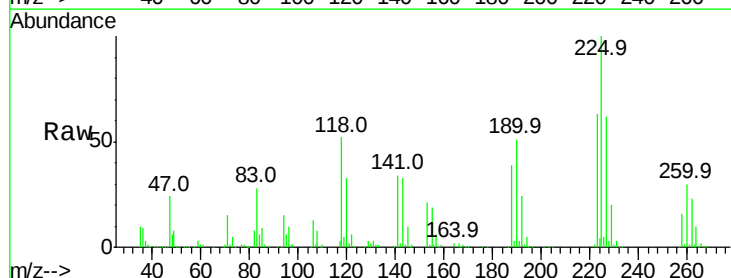
RT: 8.32 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

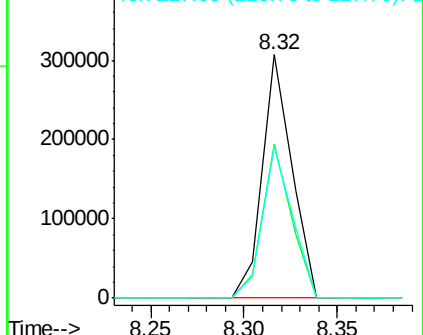
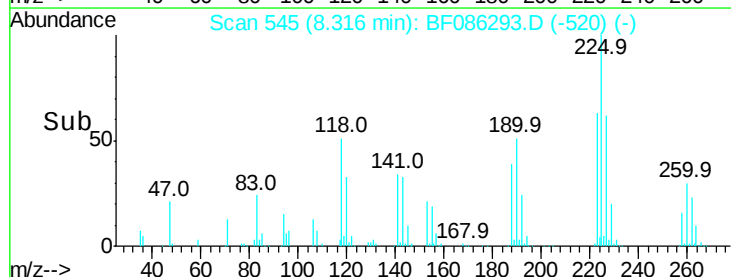
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.4	74.0		
227	62.3	51.1	76.7		

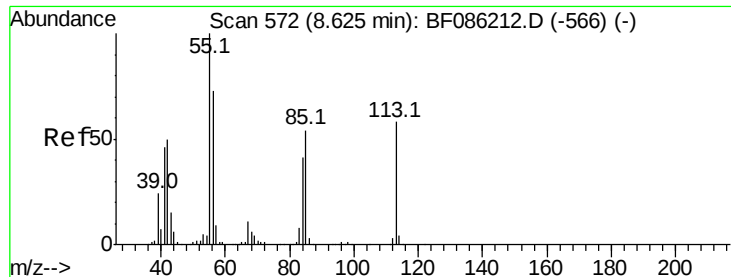


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.95 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

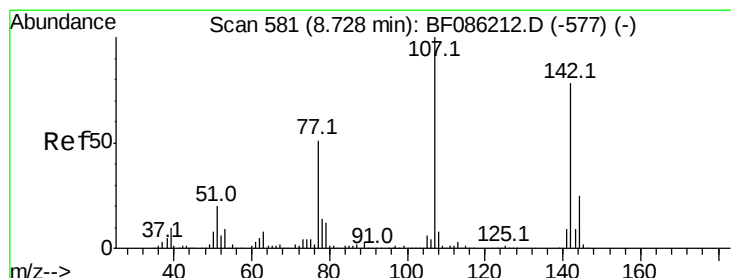
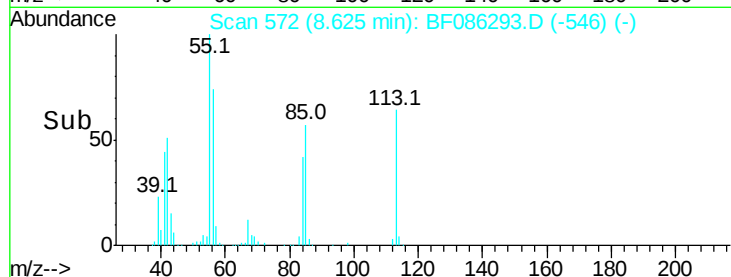
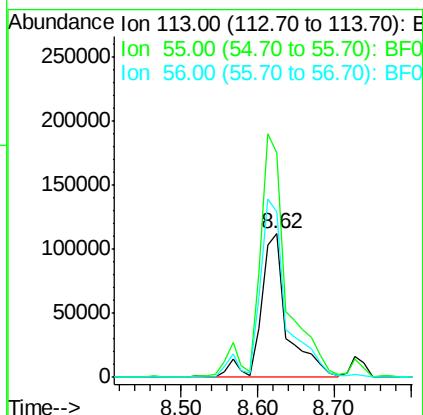
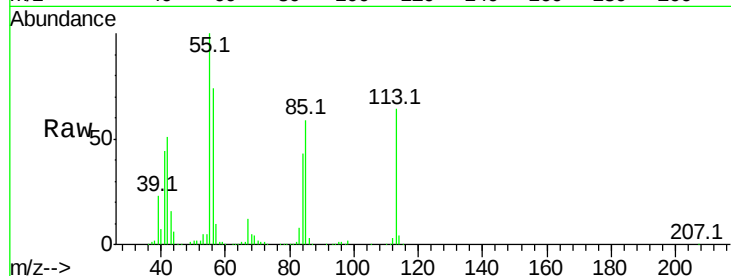
ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:	113	Resp:	266700
Ion Ratio	Lower	Upper	
113	100		
55	156.5	117.5	157.5
56	115.1	82.5	122.5

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 43.59 ng

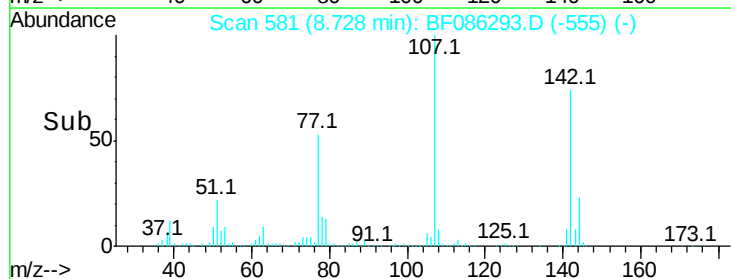
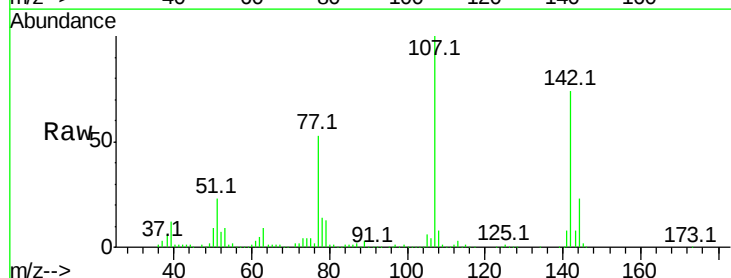
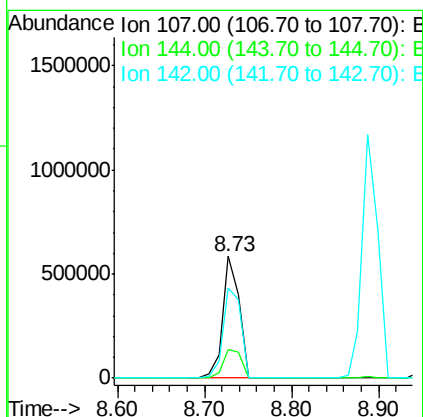
RT: 8.73 min Scan# 581

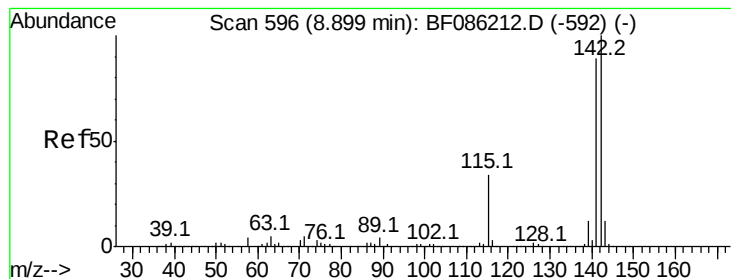
Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:	107	Resp:	775941
Ion Ratio	Lower	Upper	
107	100		
144	23.3	20.7	31.1
142	73.9	64.5	96.7





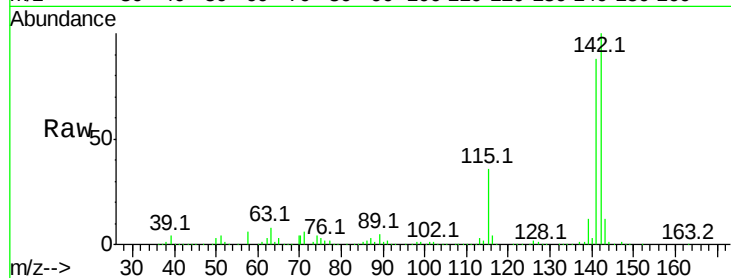
#37
2-Methylnaphthalene
Concen: 41.48 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7
115	36.1	25.1	37.7

Manual Integrations
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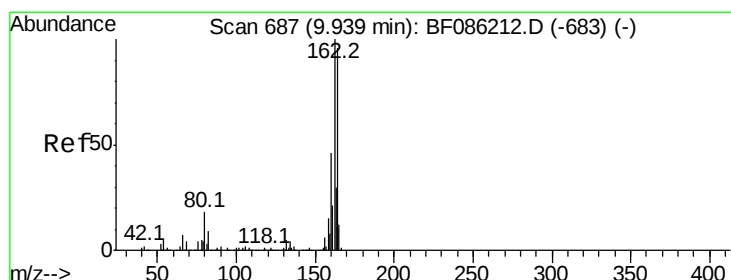
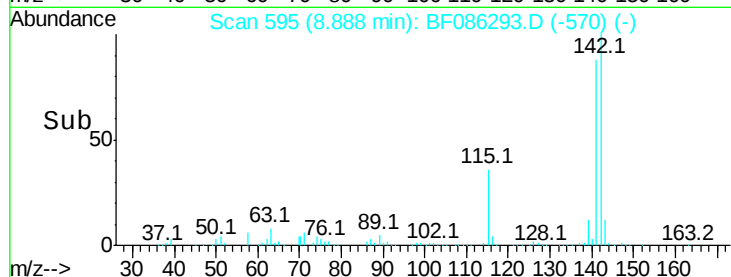
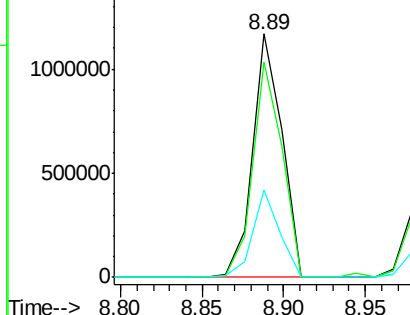


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

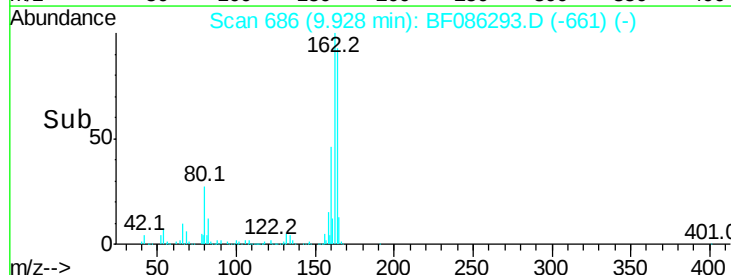
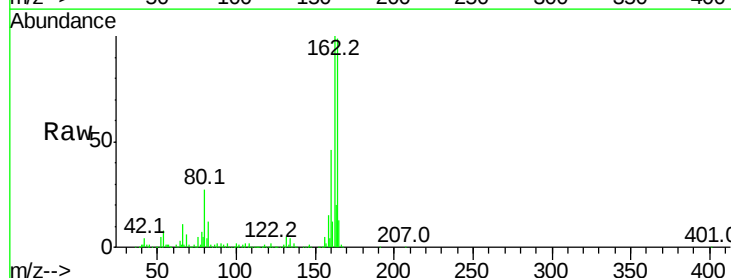
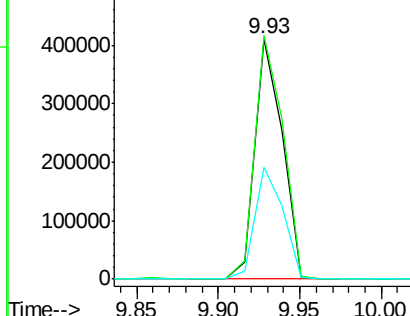
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	46.3	38.9	58.3

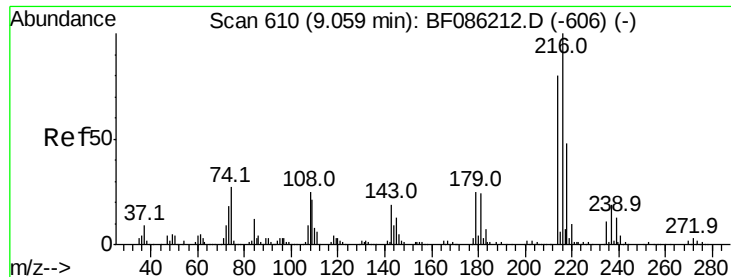
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 58.24 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

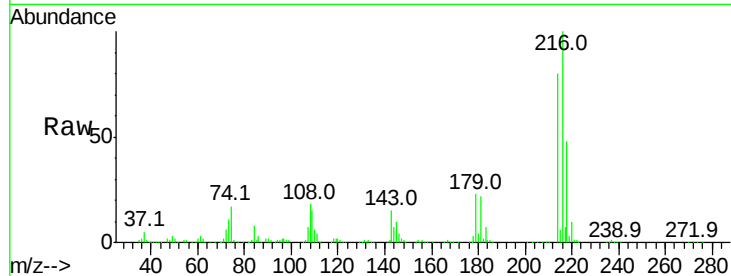
ClientSampleId :

SP-1-A(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		564280		
214	79.9		64.9	97.3	
179	23.7		19.8	29.6	
108	23.2		21.0	31.4	

Manual Integrations
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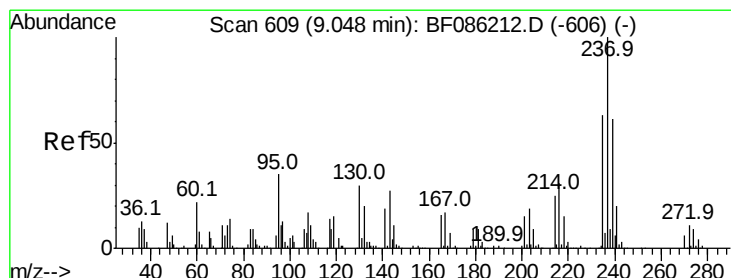
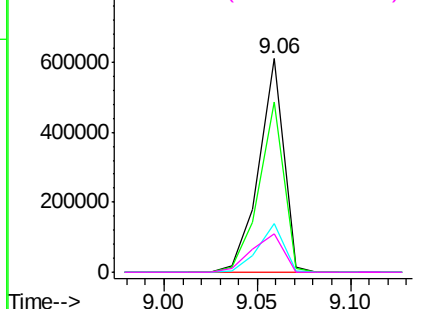
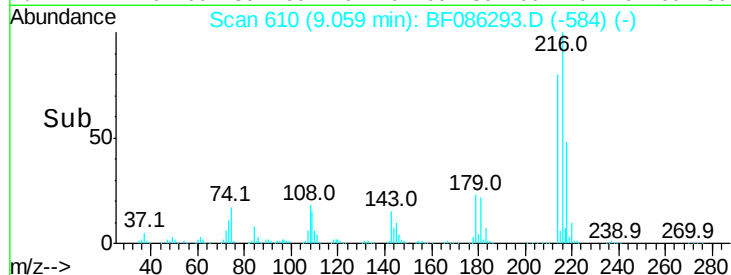


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.76 ng

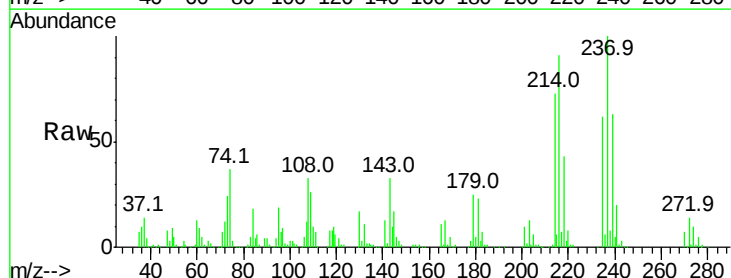
RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

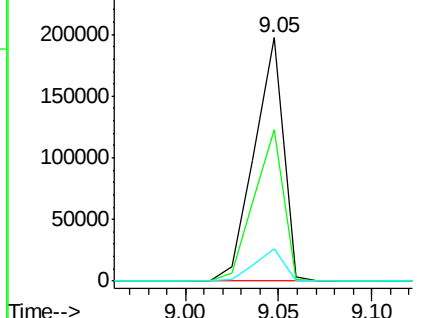
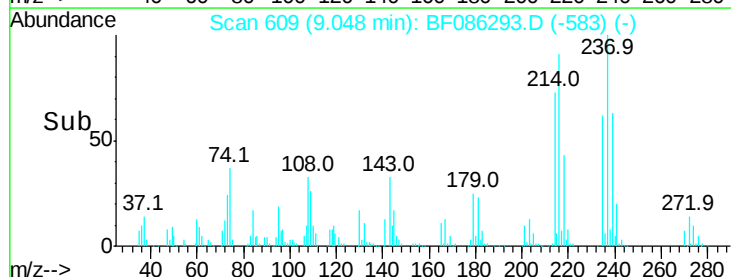
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		212993		
235	62.3		44.0	84.0	
272	13.6		0.0	32.4	

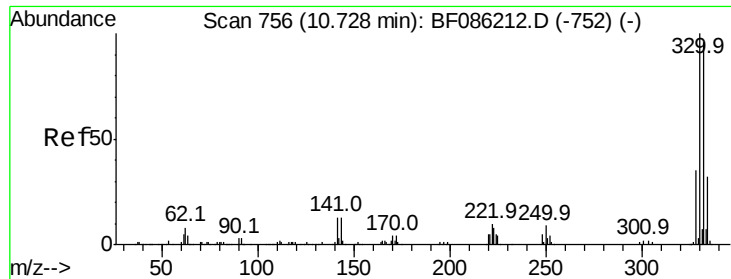


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





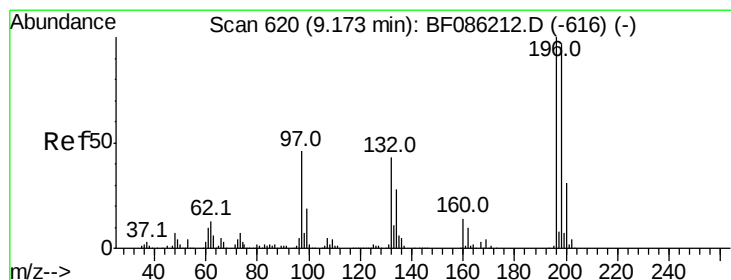
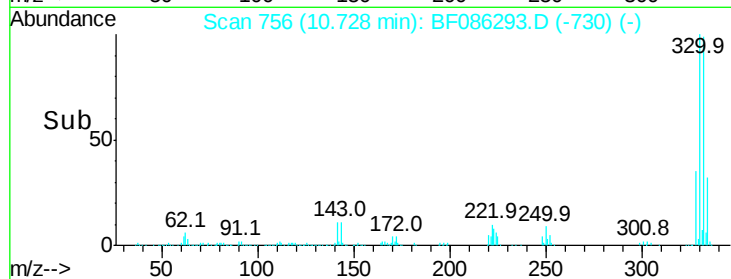
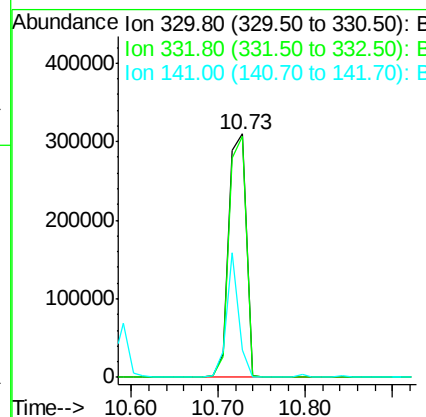
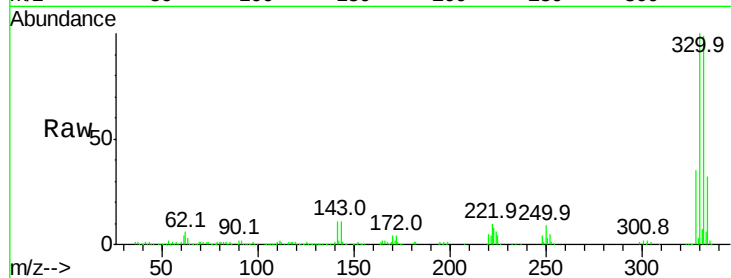
#41
 2,4,6-Tribromophenol
 Concen: 113.84 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	437366		
332	97.4	78.7	118.1	
141	36.3	28.6	42.8	

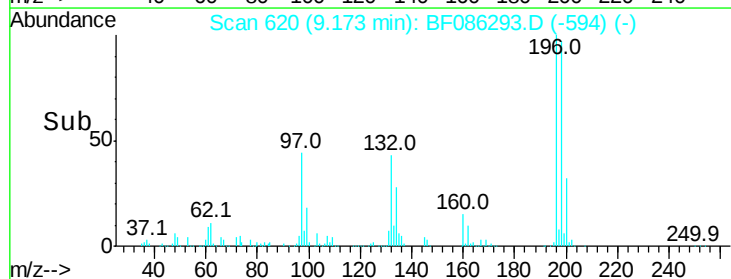
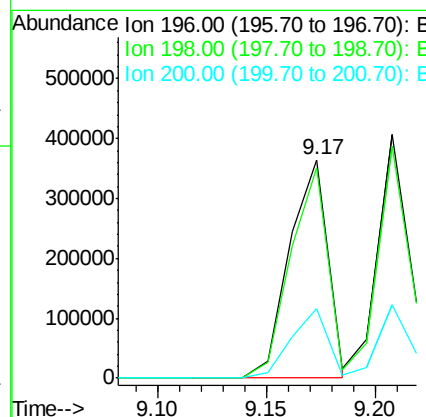
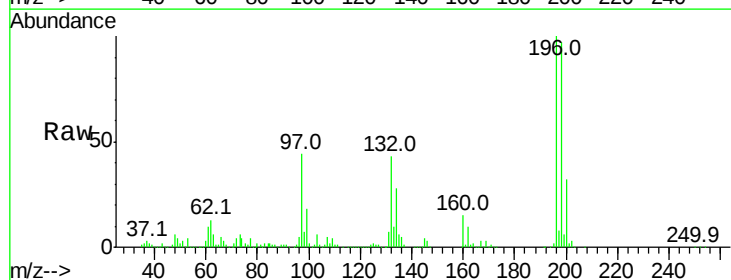
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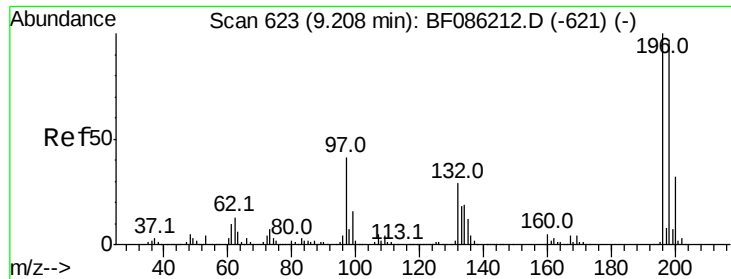
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 47.52 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	447931		
198	96.6	76.6	115.0	
200	32.1	25.3	37.9	





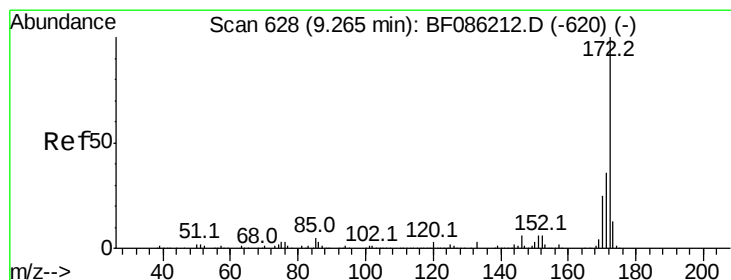
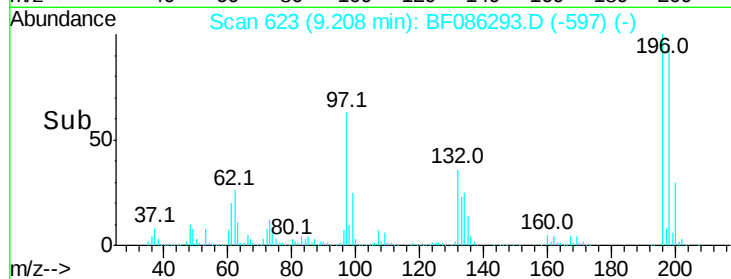
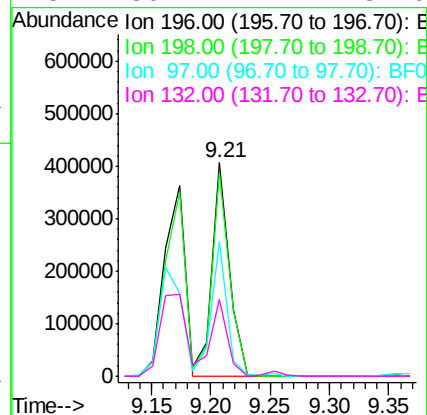
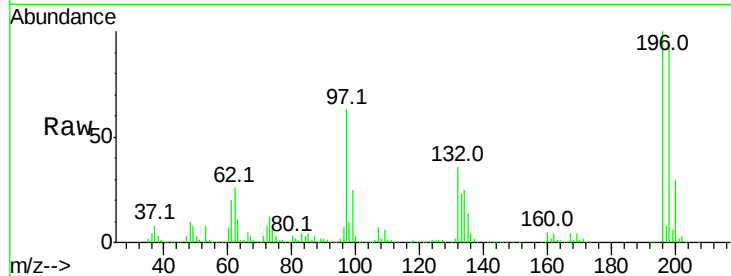
#43
 2,4,5-Trichlorophenol
 Concen: 45.37 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	413122		
198	95.4	77.7	116.5	
97	63.1	32.6	48.8	
132	36.2	21.4	32.0	

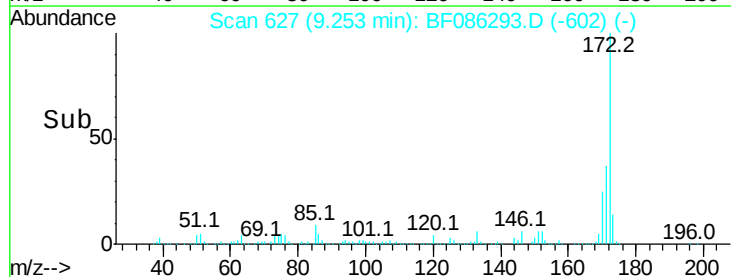
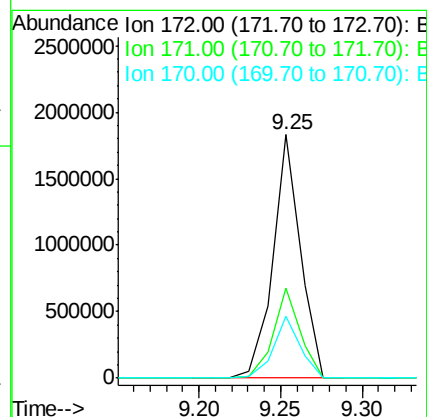
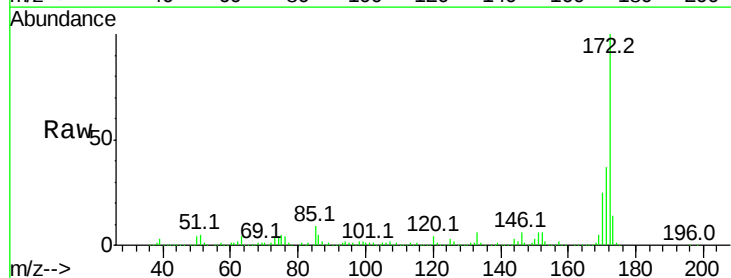
Manual Integrations
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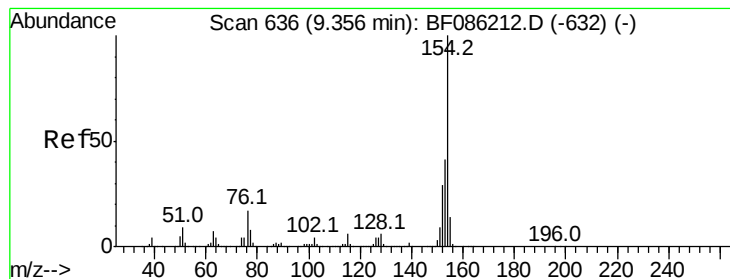
Sohil
 4/19/2016 6:24:05 PM



#44
 2-Fluorobiphenyl
 Concen: 82.56 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2140732		
171	37.1	29.1	43.7	
170	25.4	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 45.66 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:154 Resp: 1572687

Ion Ratio Lower Upper

154 100

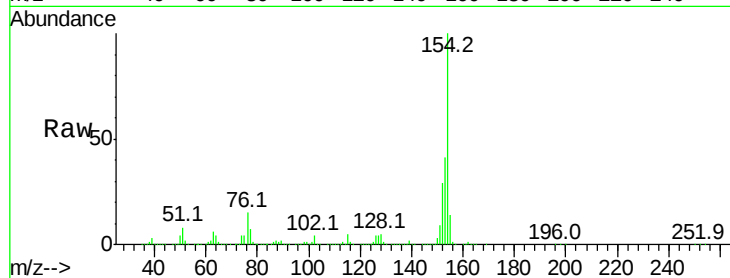
153 41.4 21.3 61.3

76 14.8 0.0 36.4

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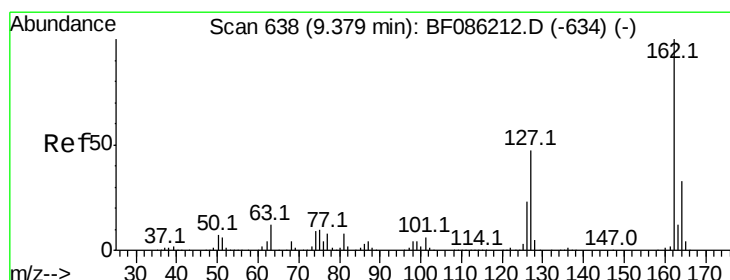
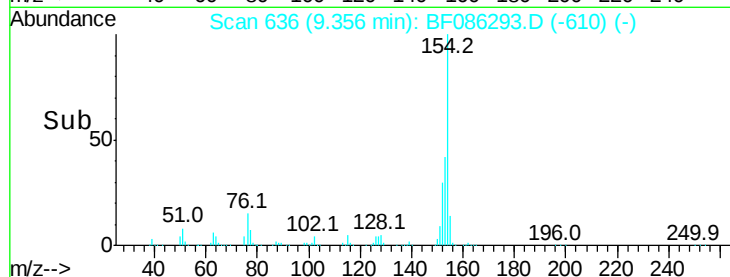
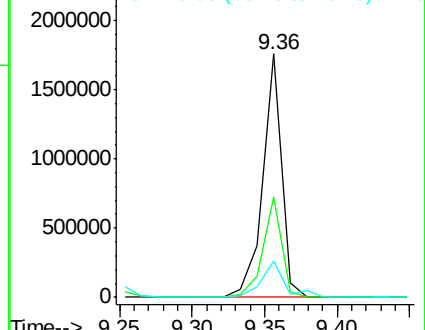
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.62 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

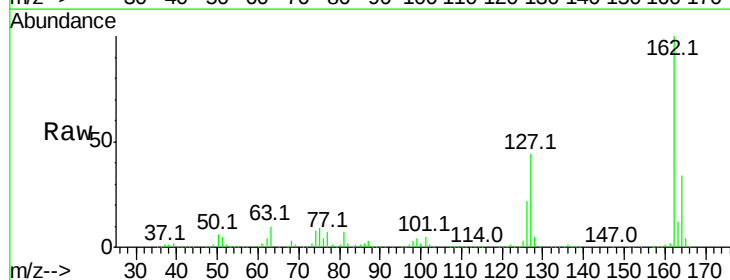
Tgt Ion:162 Resp: 1226748

Ion Ratio Lower Upper

162 100

127 44.2 36.7 55.1

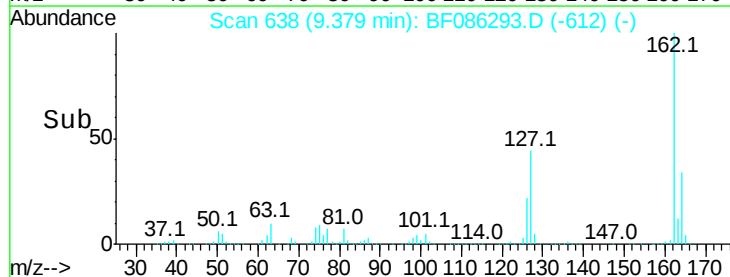
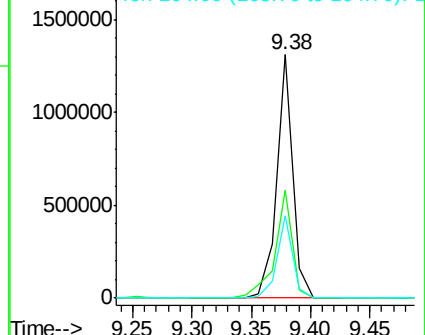
164 33.9 26.4 39.6

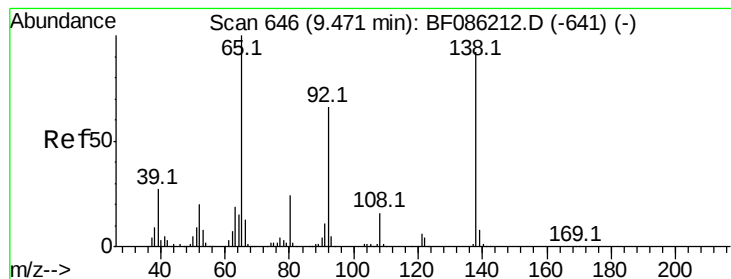


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.07 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

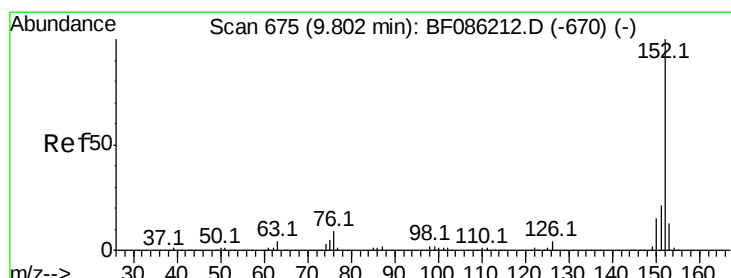
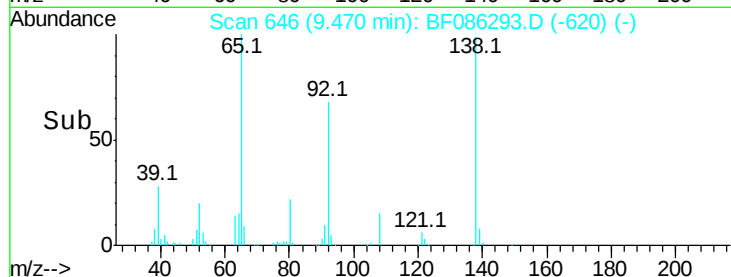
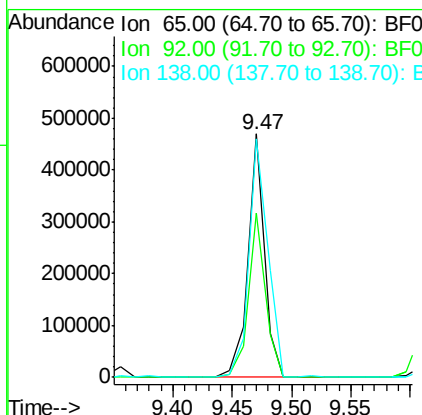
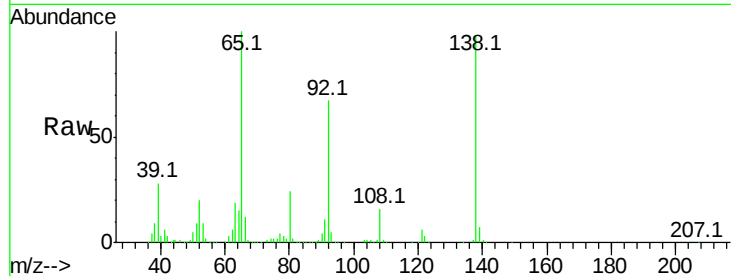
ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:	65	Resp:	456095
Ion Ratio	Lower	Upper	
65	100		
92	67.3	51.9	77.9
138	98.0	72.6	108.8

Manual Integrations
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#48

Acenaphthylene

Concen: 44.28 ng

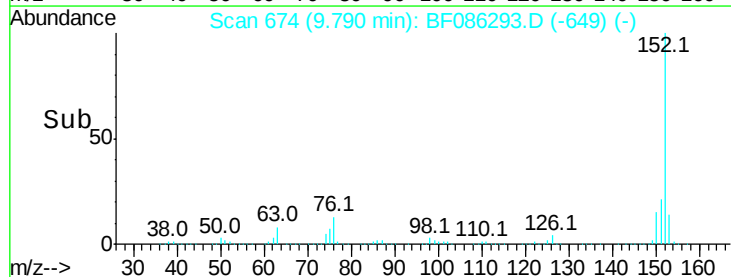
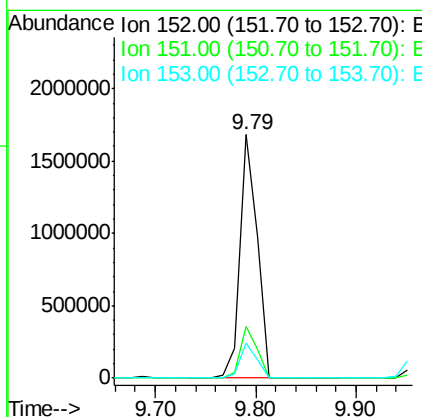
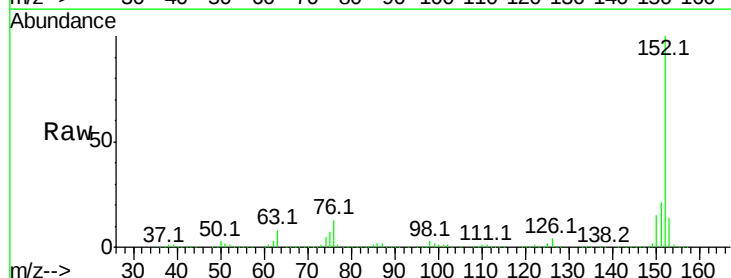
RT: 9.79 min Scan# 674

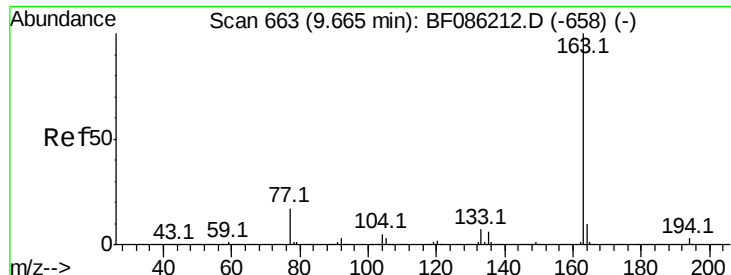
Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:	152	Resp:	1981342
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.2	25.8
153	14.1	10.7	16.1





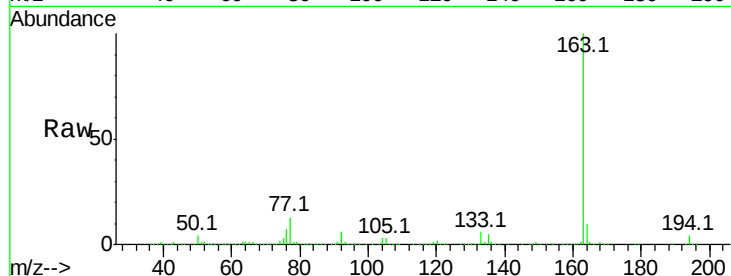
#49
Dimethylphthalate
Concen: 54.04 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

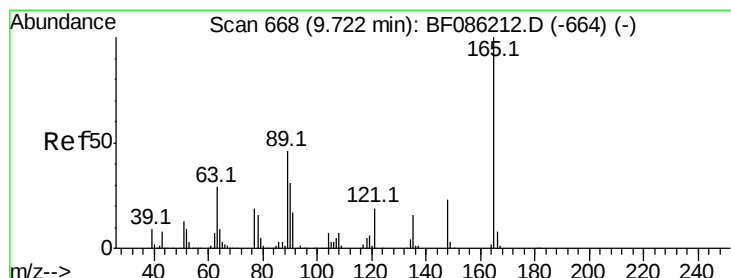
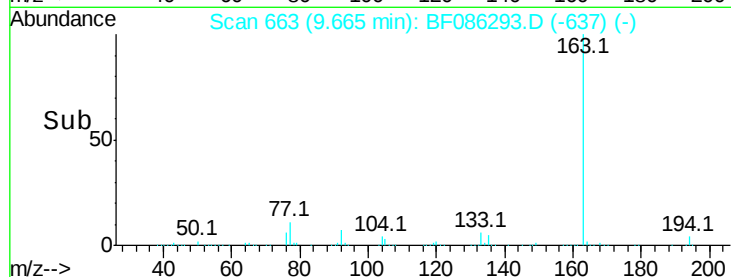
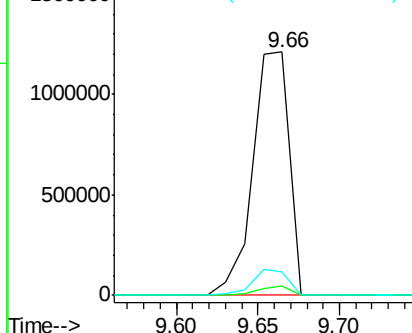
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.8	8.4	12.6

Manual Integrations
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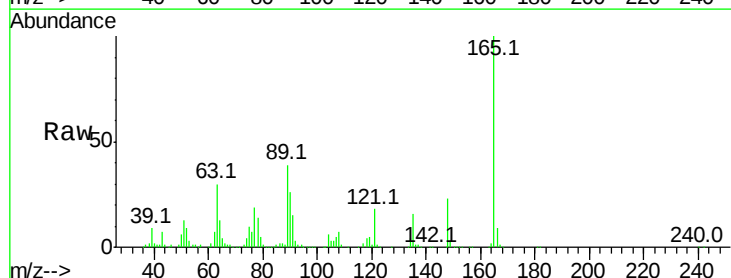


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

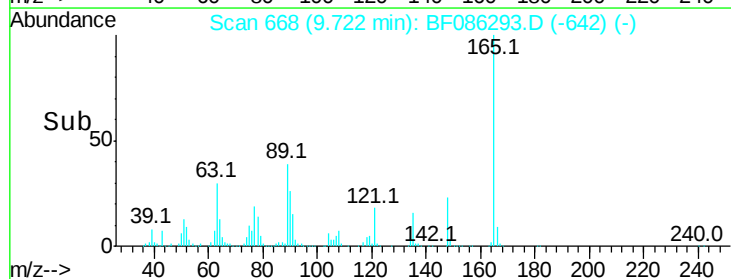
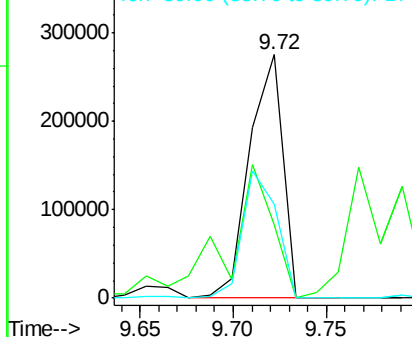


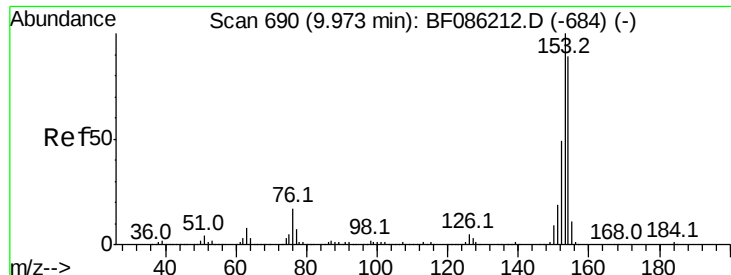
#50
2,6-Dinitrotoluene
Concen: 43.95 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.1	35.1	52.7#
89	38.7	39.8	59.6#



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





#51

Acenaphthene

Concen: 43.68 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:154 Resp: 1167499

Ion Ratio Lower Upper

154 100

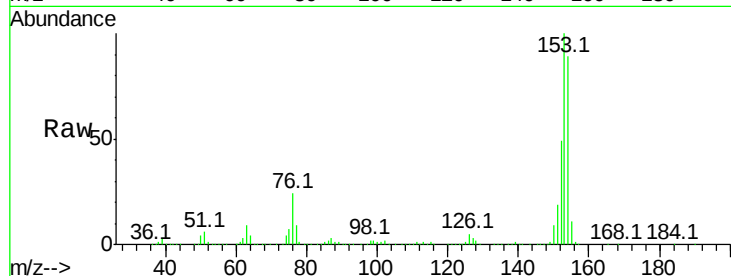
153 112.7 90.0 135.0

152 55.3 44.3 66.5

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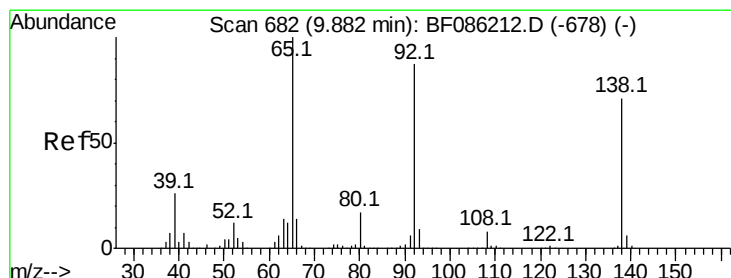
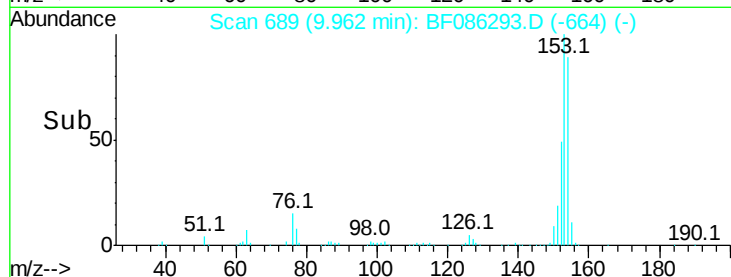
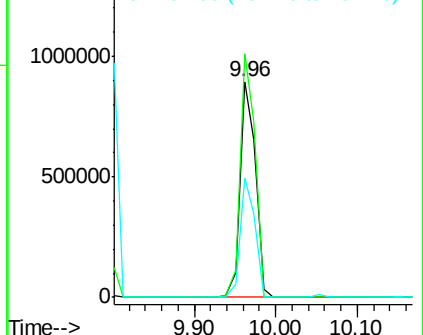
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.55 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

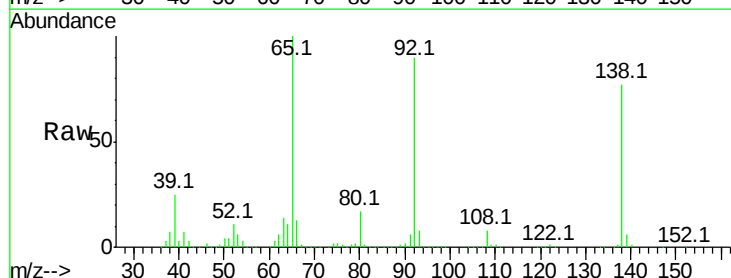
Tgt Ion:138 Resp: 323202

Ion Ratio Lower Upper

138 100

108 10.6 9.0 13.4

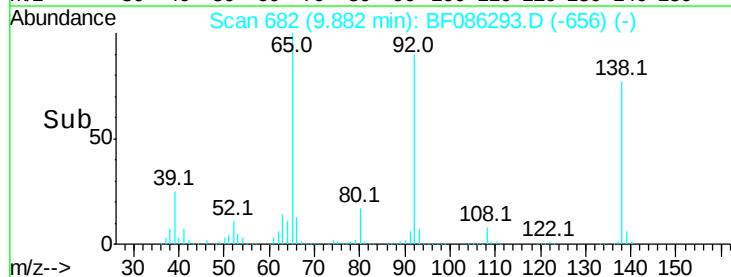
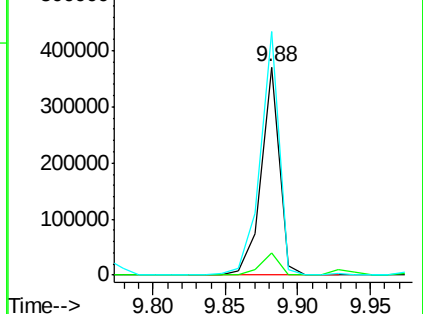
92 117.1 99.3 148.9

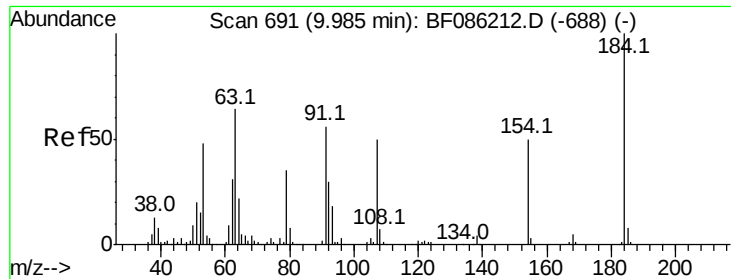


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





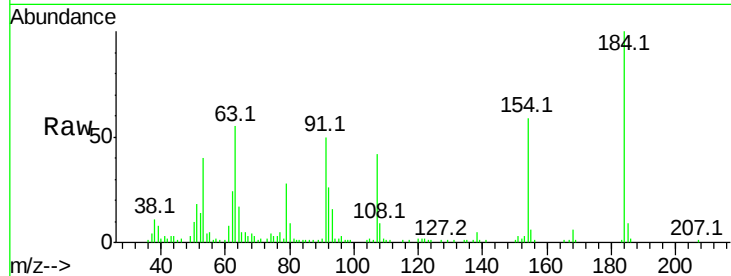
#53
2,4-Dinitrophenol
Concen: 21.22 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

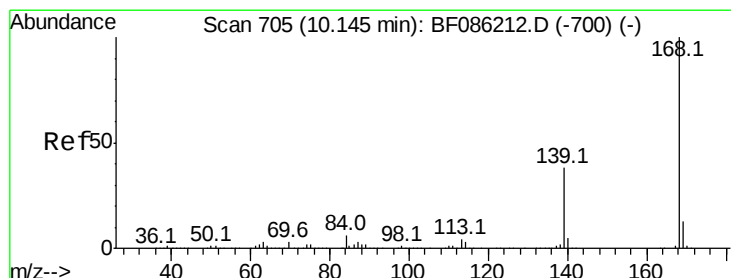
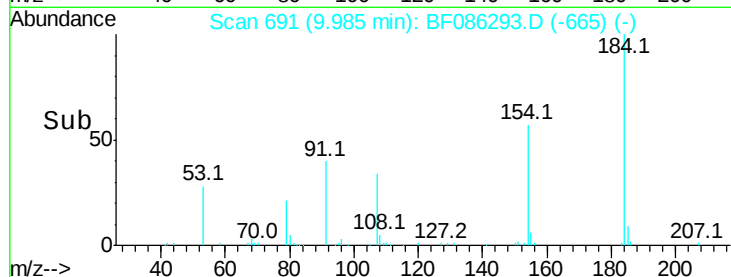
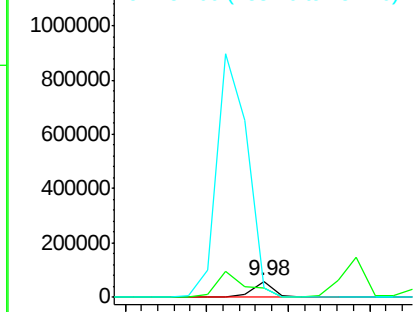
Tot Ion	Ratio	Lower	Upper
184	100		
63	54.5	64.7	97.1#
154	58.9	59.4	89.2#

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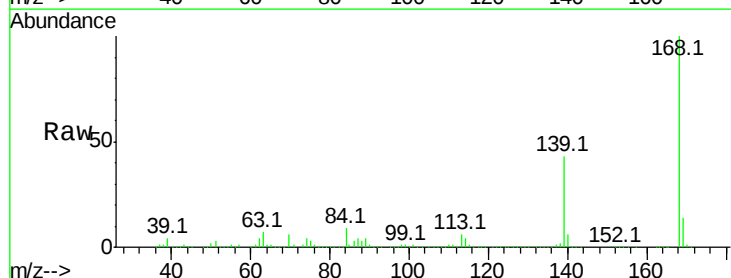


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

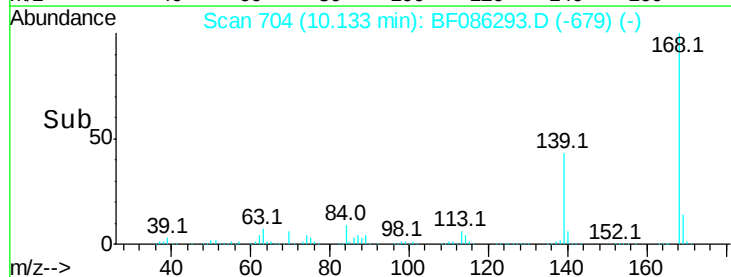
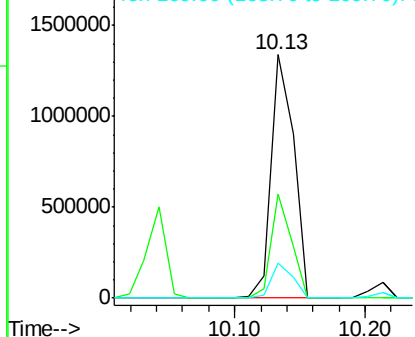


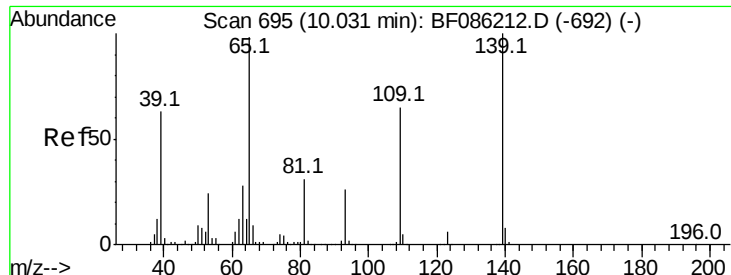
#54
Dibenzofuran
Concen: 46.09 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	29.5	44.3
169	14.3	10.6	16.0



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





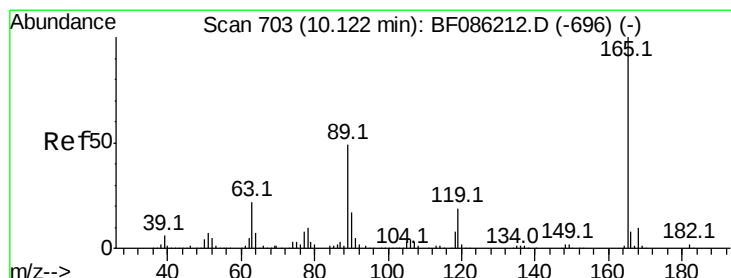
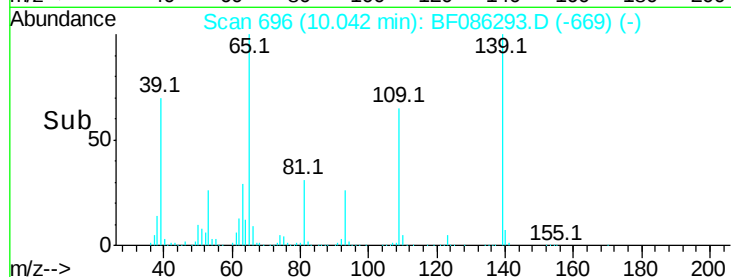
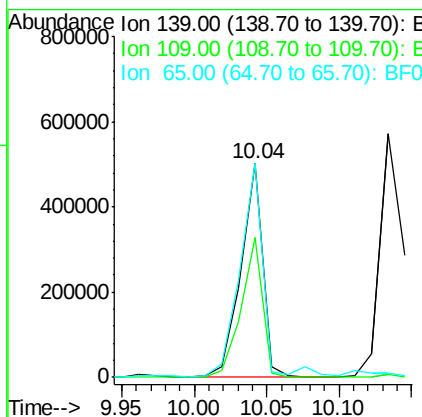
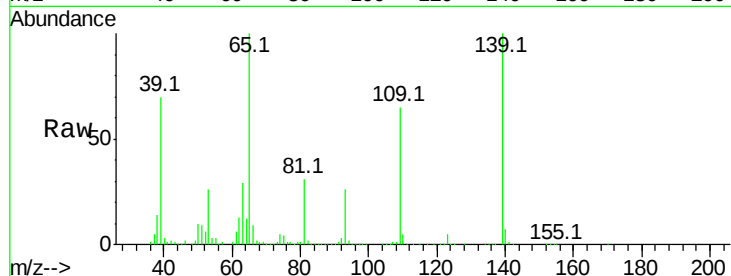
#55
4-Nitrophenol
Concen: 71.67 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Manual Integrations
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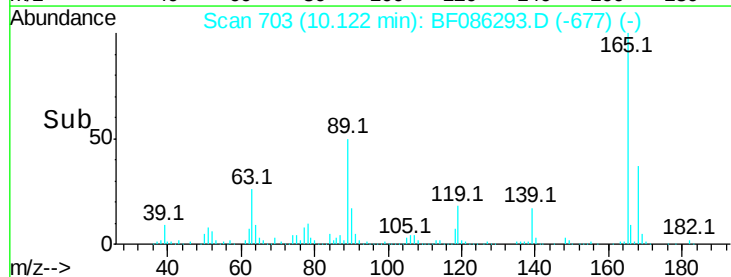
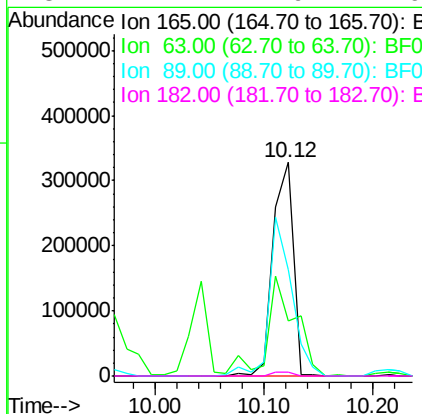
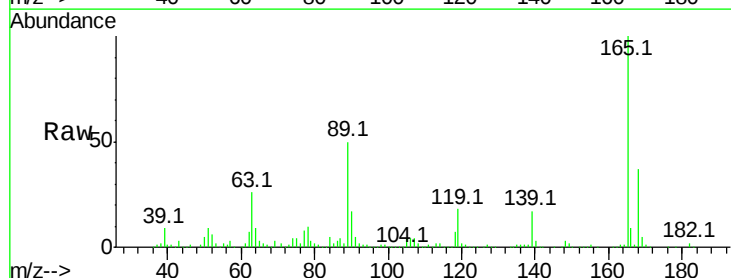
Sohil
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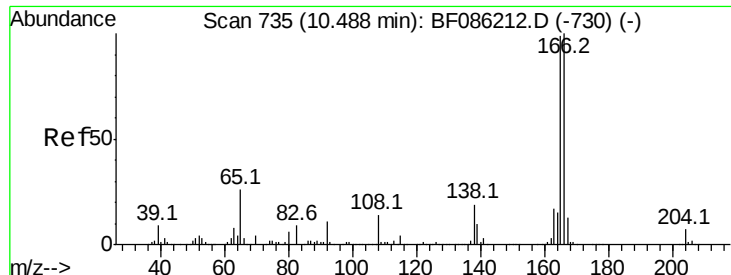
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.6	55.0	95.0	
65	100.3	87.3	127.3	



#56
2,4-Dinitrotoluene
Concen: 43.12 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	25.7	26.6	40.0#	
89	49.7	49.5	74.3	
182	2.1	1.9	2.9	





#57

Fluorene

Concen: 41.69 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:166 Resp: 1012217

Ion Ratio Lower Upper

166 100

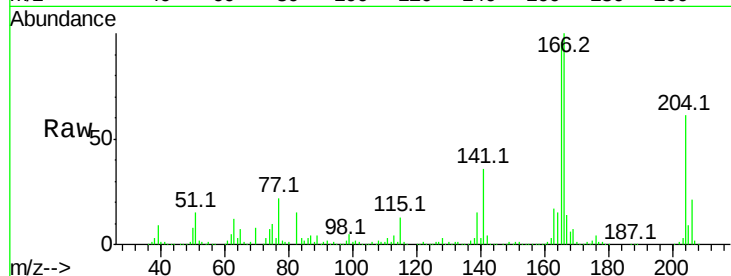
165 96.5 78.6 117.8

167 13.9 10.4 15.6

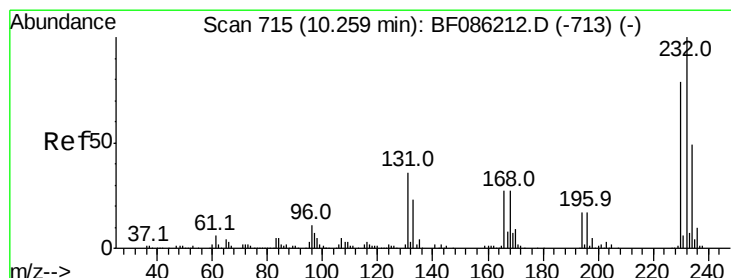
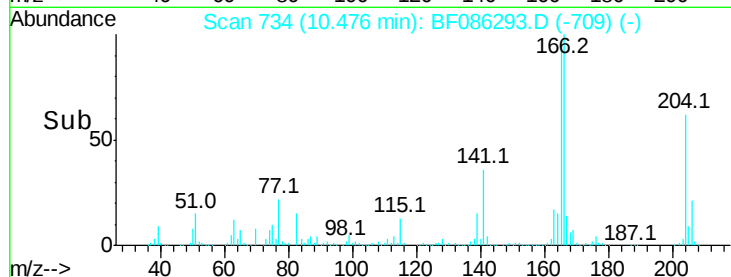
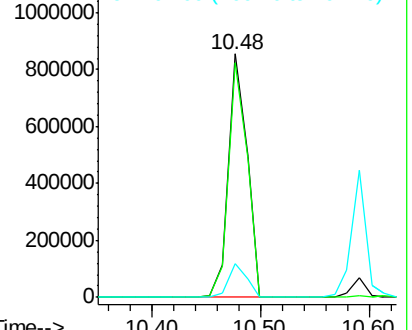
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.10 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:232 Resp: 304857

Ion Ratio Lower Upper

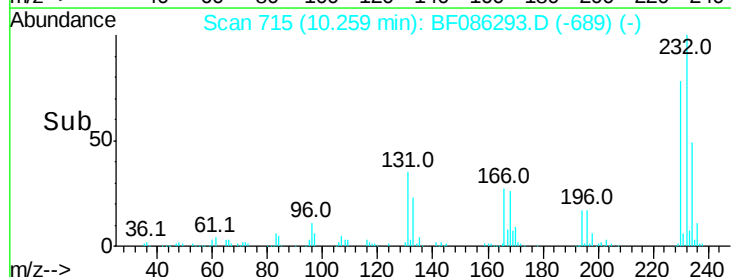
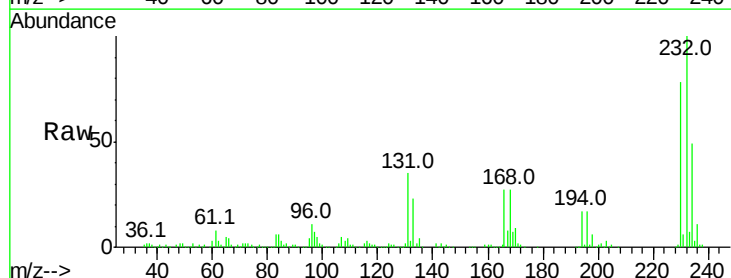
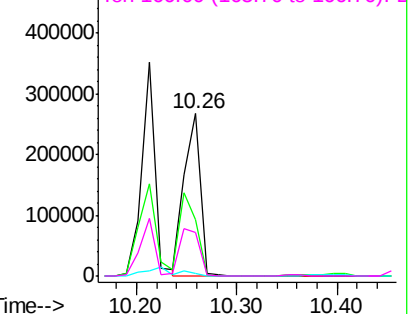
232 100

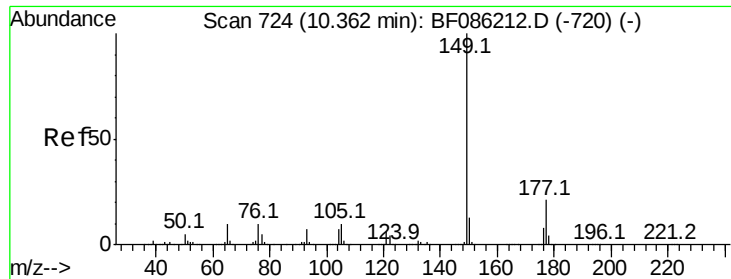
131 52.1 46.6 70.0

130 0.0 2.5 3.7#

166 35.0 28.3 42.5

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





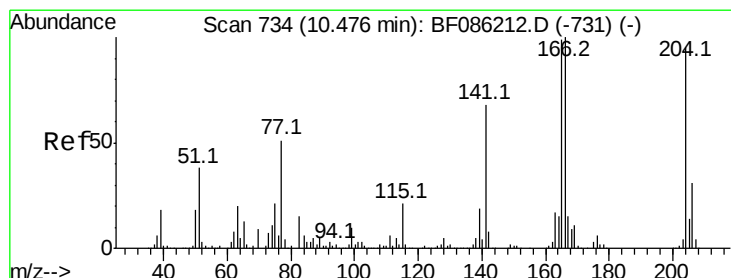
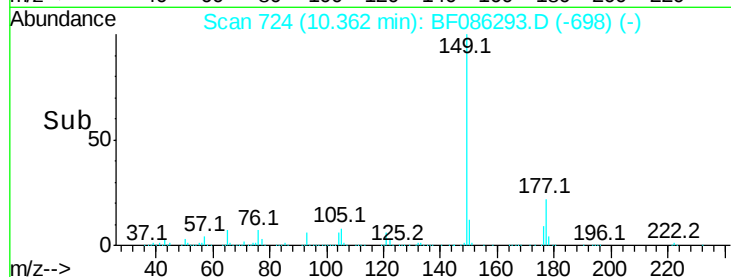
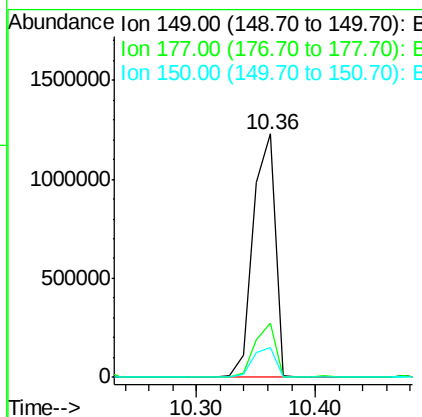
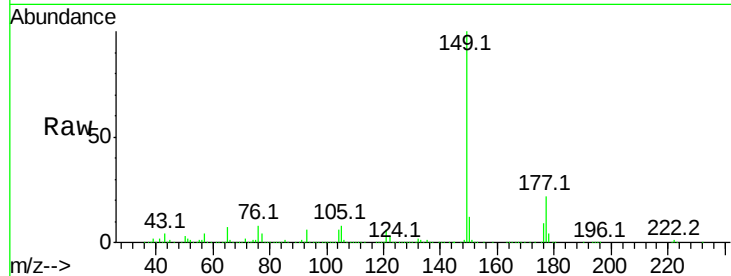
#59
Diethylphthalate
Concen: 44.76 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	12.3	10.2	15.4

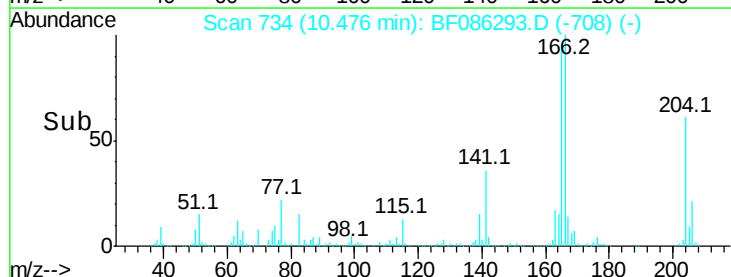
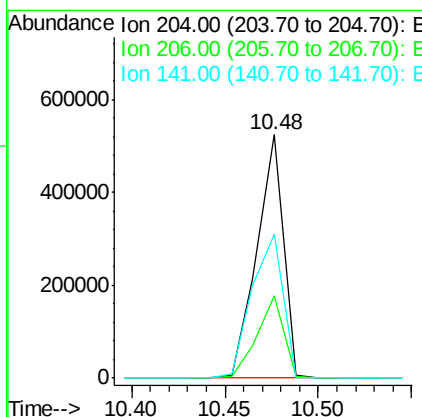
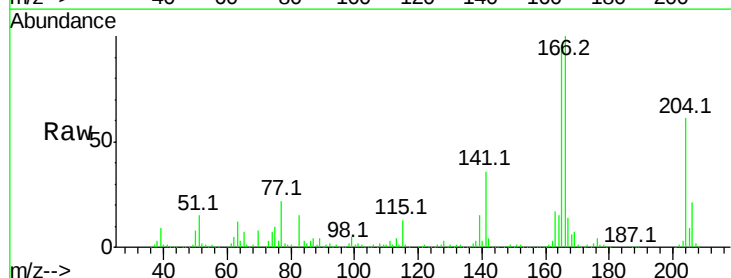
Manual Integrations
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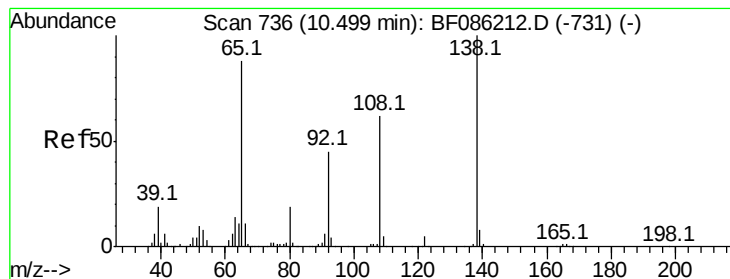
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 53.46 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	59.0	55.4	83.0





#61

4-Nitroaniline

Concen: 48.79 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

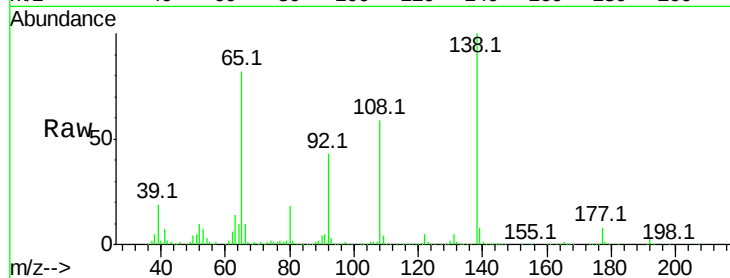
ClientSampleId :

SP-1-A(0-2)MS

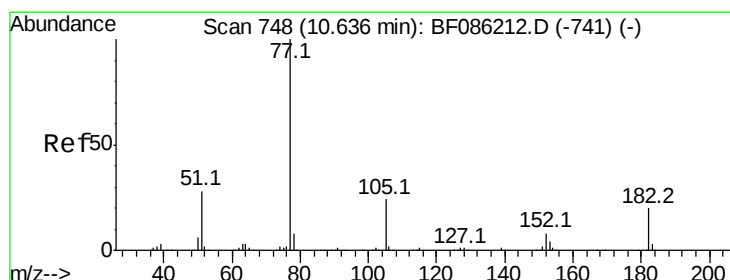
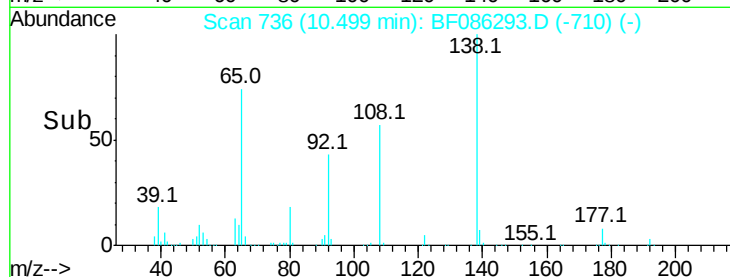
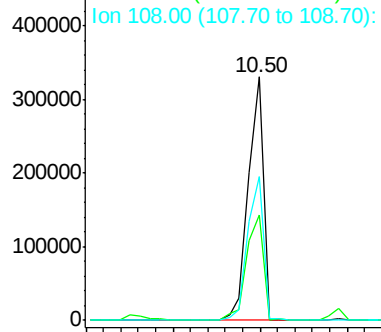
Tot Ion:	138	Resp:	394415
Ion Ratio	Lower	Upper	
138	100		
92	43.2	31.9	71.9
108	59.1	58.7	98.7

Manual Integrations
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Abundance Ion 138.00 (137.70 to 138.70): E



#62

Azobenzene

Concen: 46.97 ng

RT: 10.64 min Scan# 748

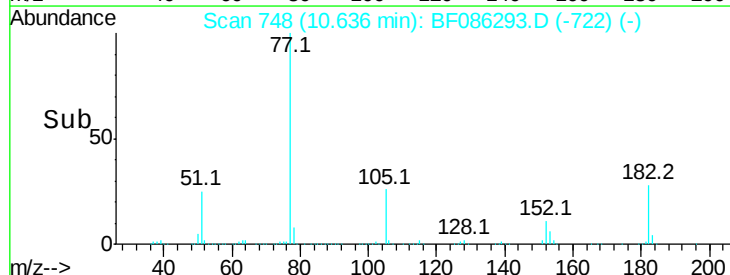
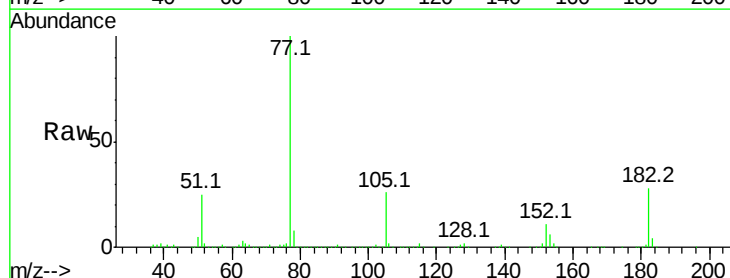
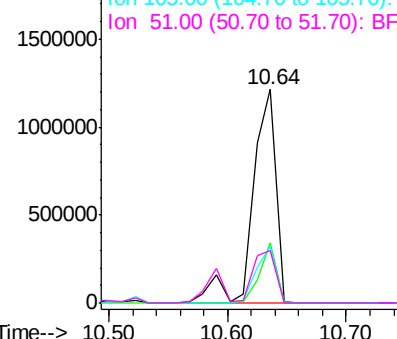
Delta R.T. -0.00 min

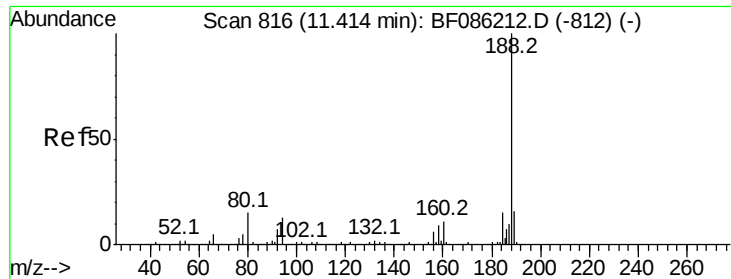
Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:	77	Resp:	1650301
Ion Ratio	Lower	Upper	
77	100		
182	28.1	2.3	42.3
105	26.3	3.4	43.4
51	24.7	11.7	51.7

Abundance Ion 77.00 (76.70 to 77.70): BF0





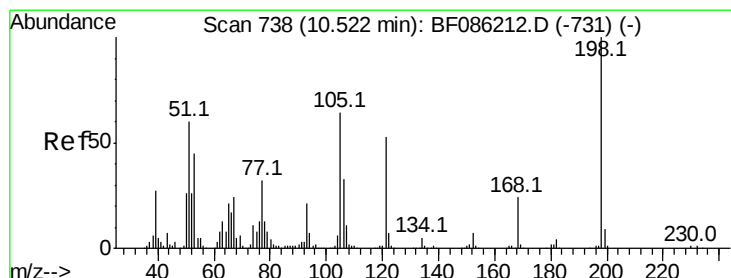
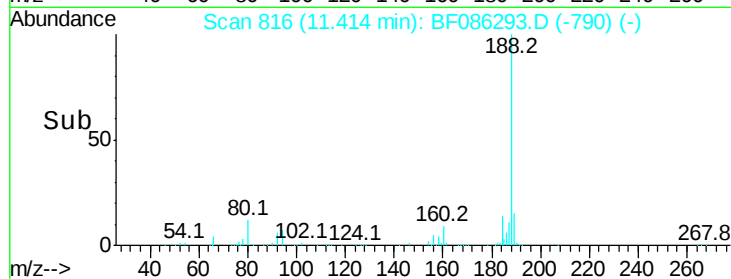
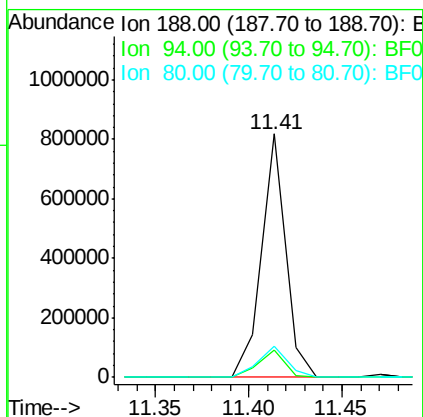
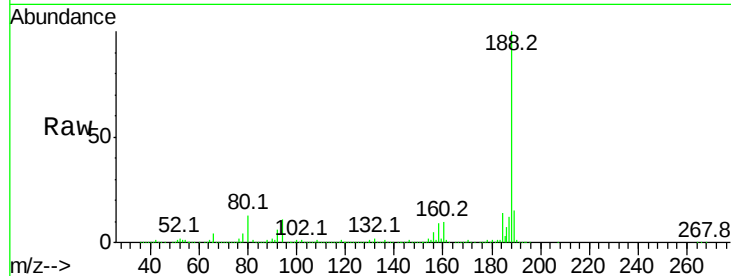
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	731390		
94	11.3	9.8	14.8	
80	12.9	10.5	15.7	

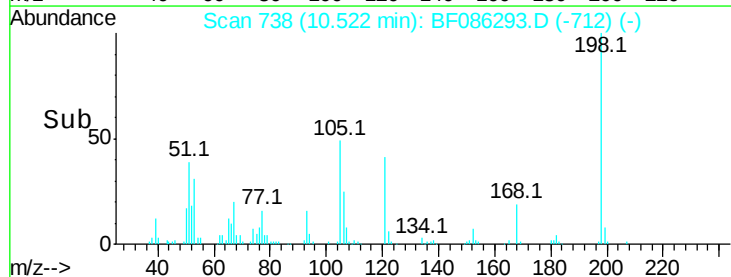
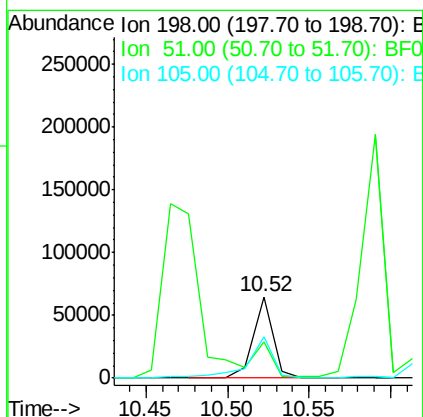
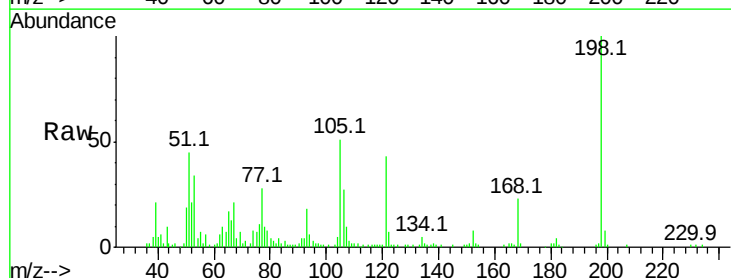
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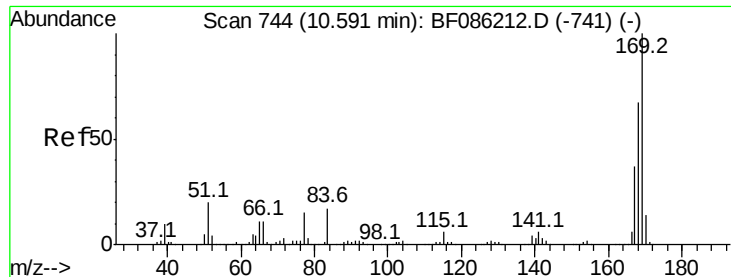
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#64
4,6-Dinitro-2-methylphenol
Concen: 15.61 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	54349		
51	45.4	56.5	96.5#	
105	51.3	48.0	88.0	





#65

n-Nitrosodiphenylamine

Concen: 48.34 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:169 Resp: 1082790

Ion Ratio Lower Upper

169 100

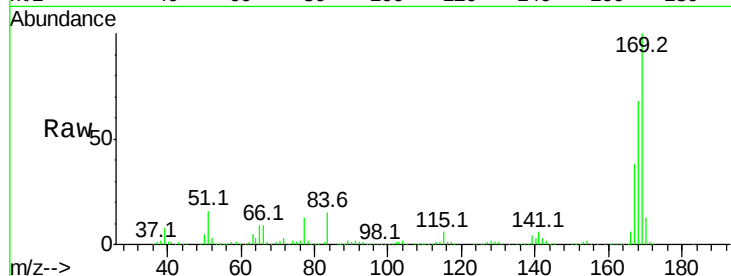
168 67.6 54.3 81.5

167 37.8 30.2 45.2

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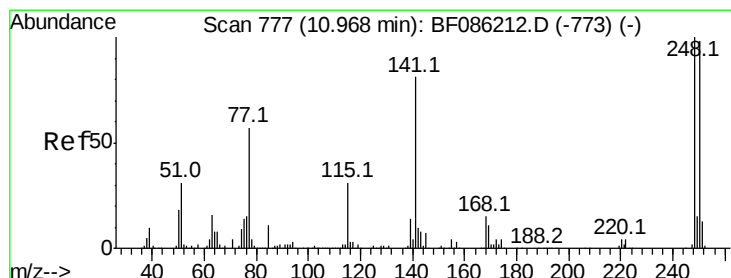
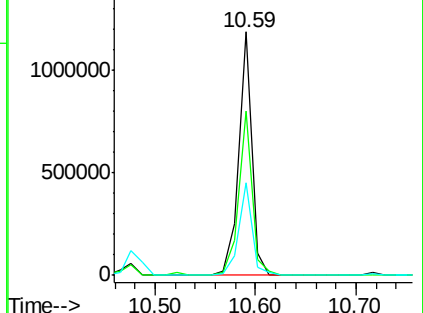
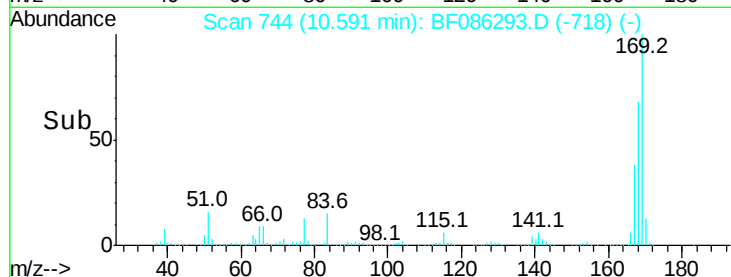
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.70 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

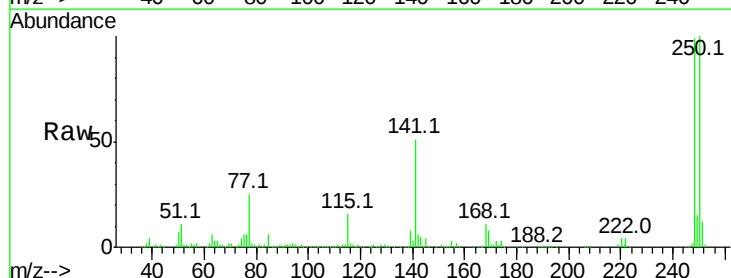
Tgt Ion:248 Resp: 325125

Ion Ratio Lower Upper

248 100

250 101.3 78.6 118.0

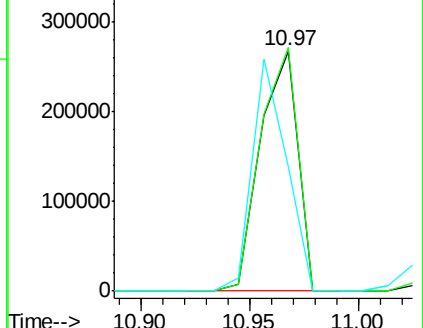
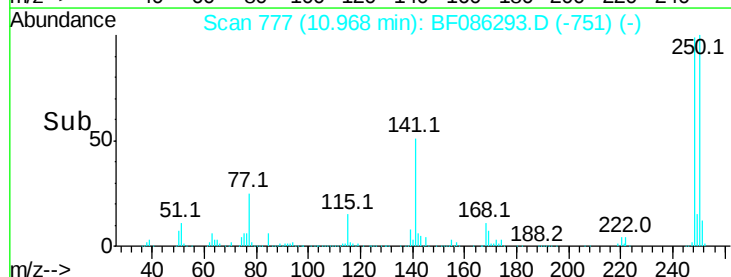
141 51.9 57.9 86.9#

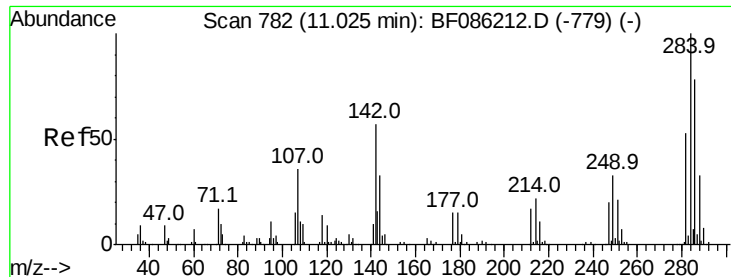


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.53 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

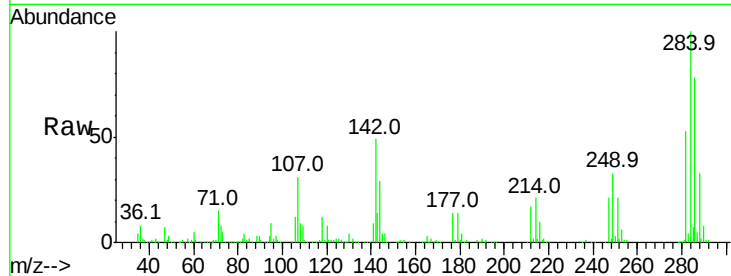
ClientSampleId :

SP-1-A(0-2)MS

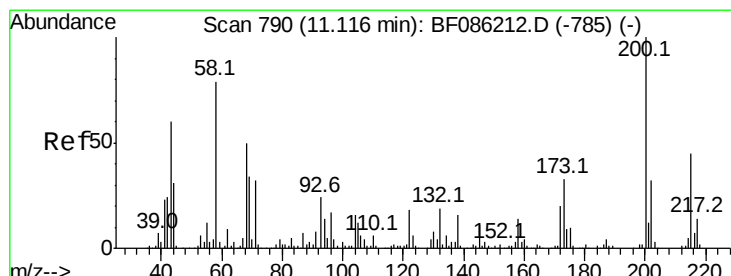
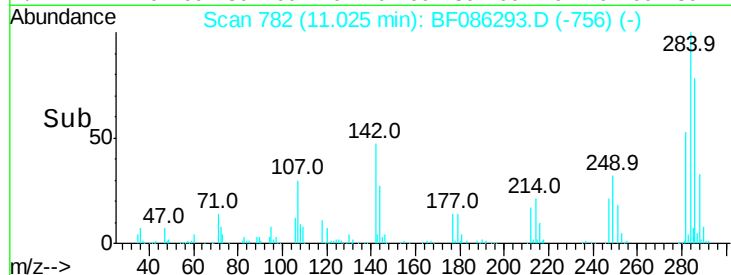
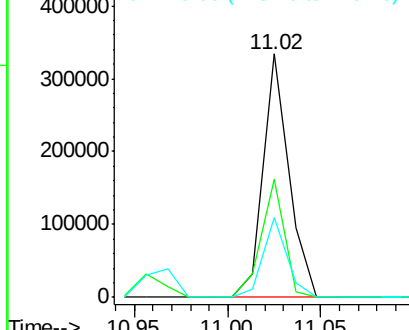
Tot Ion:	284	Resp:	318049
Ion Ratio	Lower	Upper	
284	100		
142	48.7	42.6	64.0
249	32.8	25.9	38.9

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



#68

Atrazine

Concen: 40.32 ng

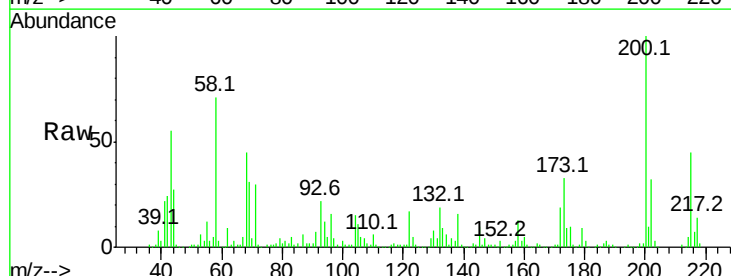
RT: 11.12 min Scan# 790

Delta R.T. -0.00 min

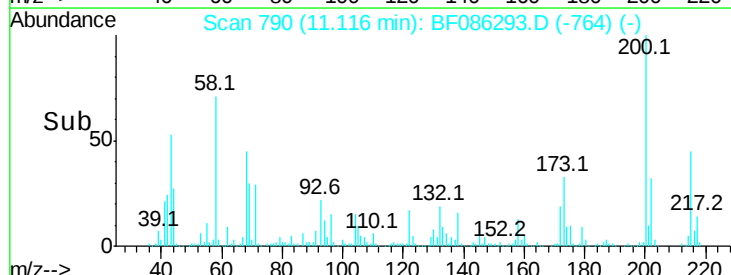
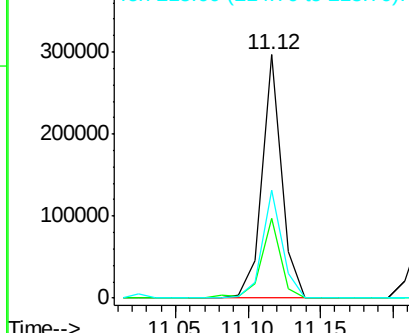
Lab File: BF086293.D

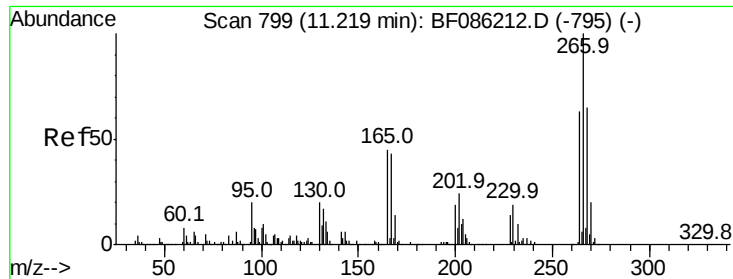
Acq: 18 Apr 2016 20:34

Tgt Ion:	200	Resp:	276752
Ion Ratio	Lower	Upper	
200	100		
173	32.5	11.2	51.2
215	44.6	24.0	64.0



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





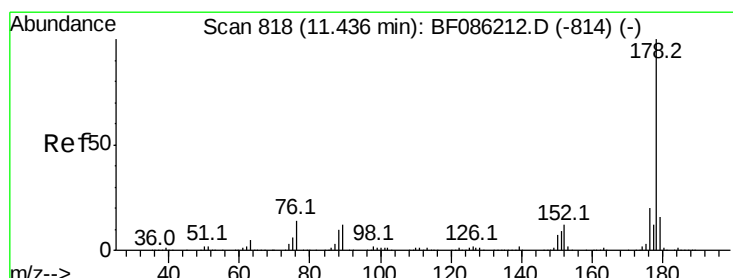
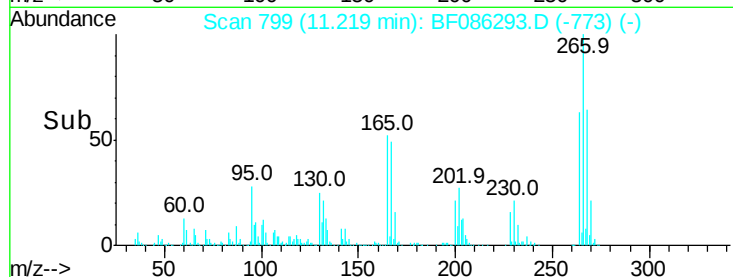
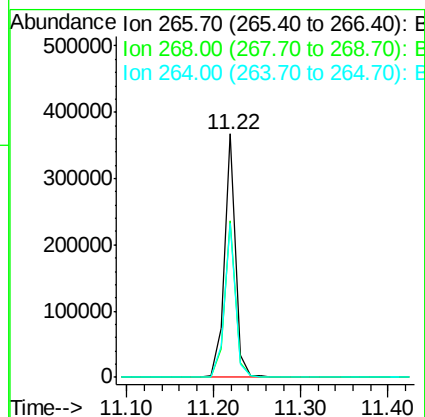
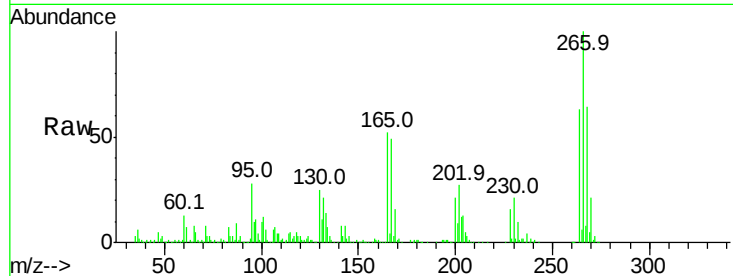
#69
 Pentachlorophenol
 Concen: 76.72 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	332296		
268	64.3	53.0	79.4	
264	63.5	51.3	76.9	

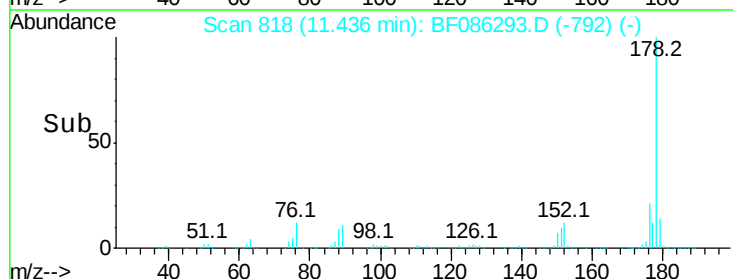
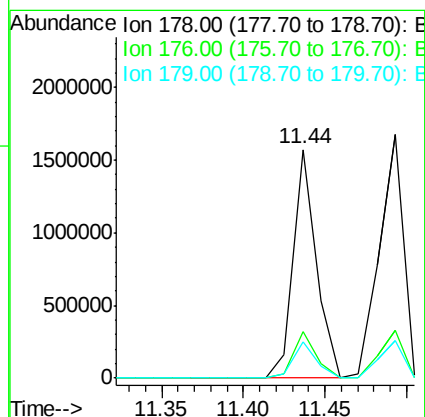
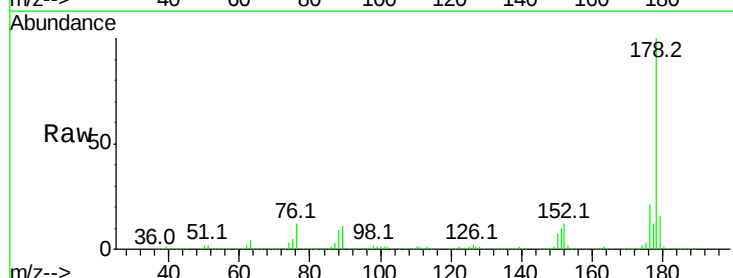
Manual Integrations
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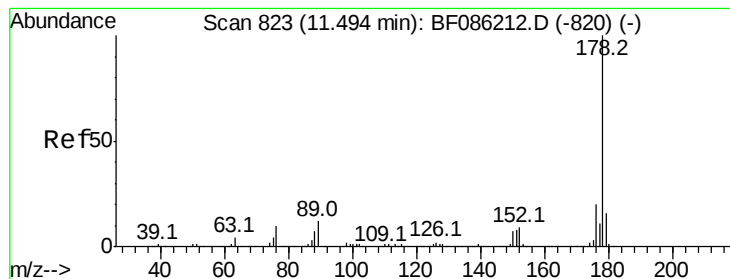
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#70
 Phenanthrene
 Concen: 44.68 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1560693		
176	20.6	16.3	24.5	
179	16.1	13.0	19.6	





#71

Anthracene

Concen: 62.56 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:178 Resp: 1719677

Ion Ratio Lower Upper

178 100

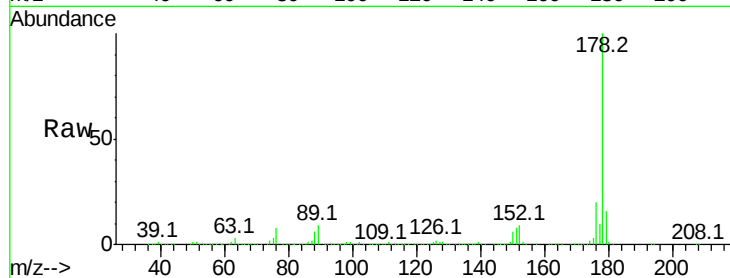
176 19.6 16.2 24.4

179 15.6 13.2 19.8

Manual Integrations
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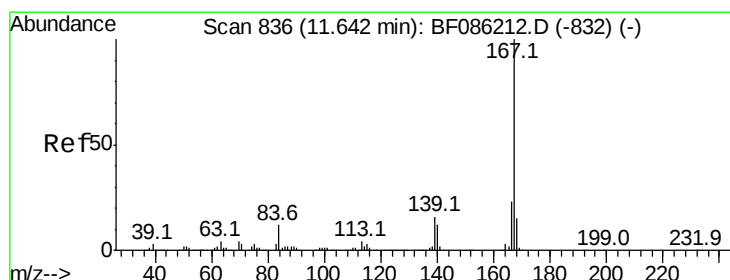
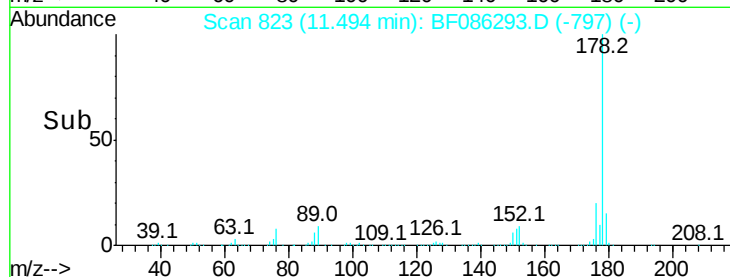
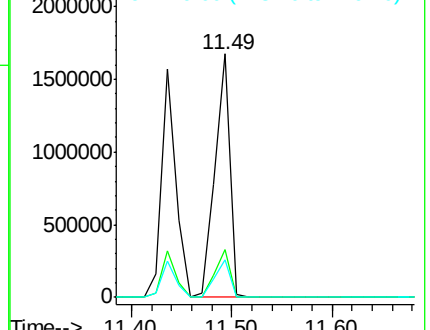
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.89 ng

RT: 11.64 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

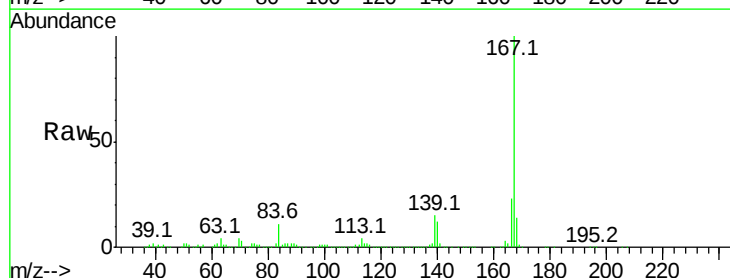
Tgt Ion:167 Resp: 1458281

Ion Ratio Lower Upper

167 100

166 22.8 18.3 27.5

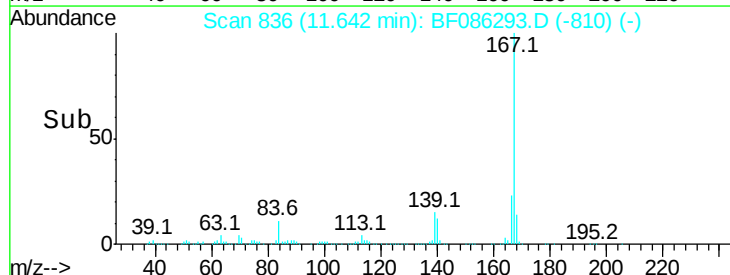
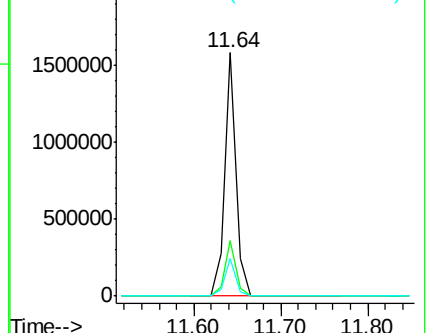
139 15.3 12.3 18.5

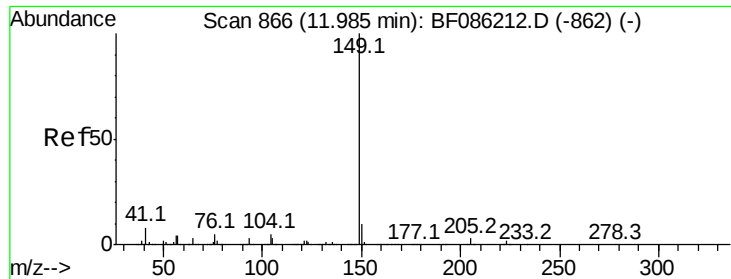


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.81 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:149 Resp: 2102669

Ion Ratio Lower Upper

149 100

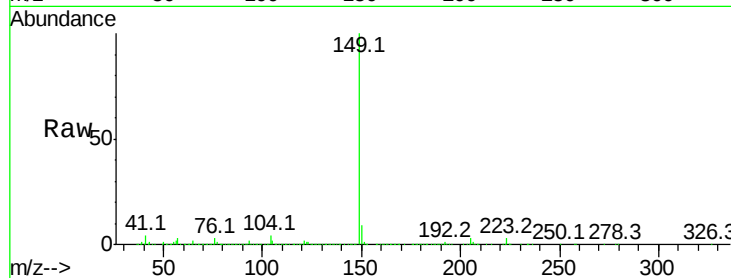
150 9.2 7.8 11.8

104 3.8 4.1 6.1#

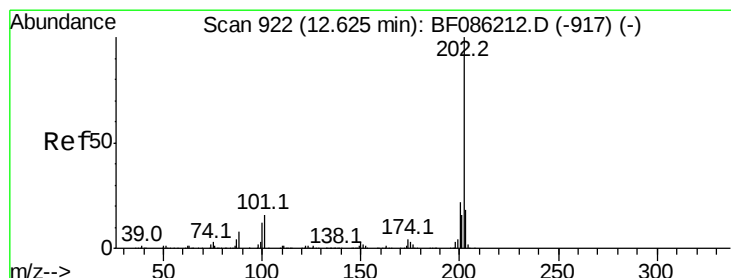
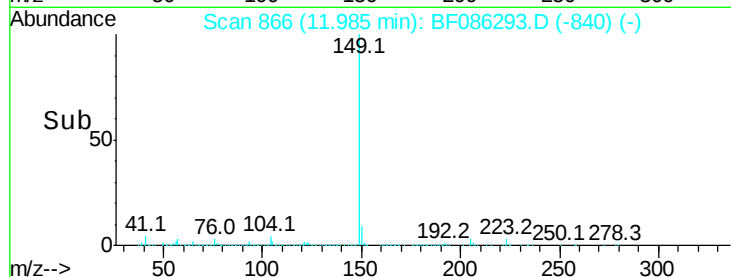
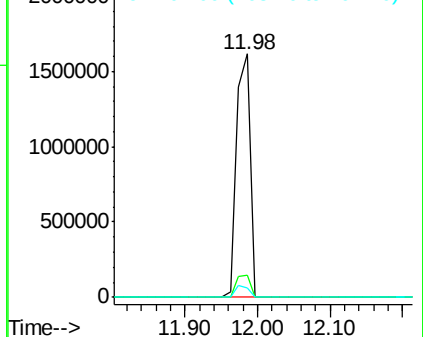
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.60 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

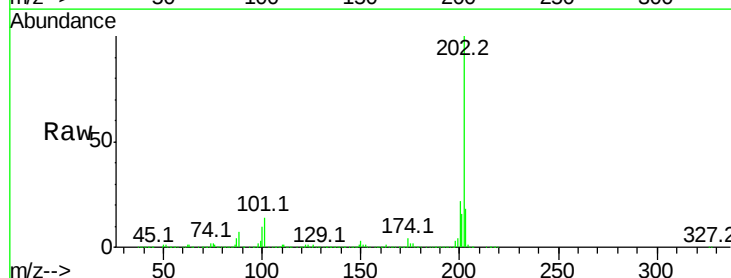
Tgt Ion:202 Resp: 1632087

Ion Ratio Lower Upper

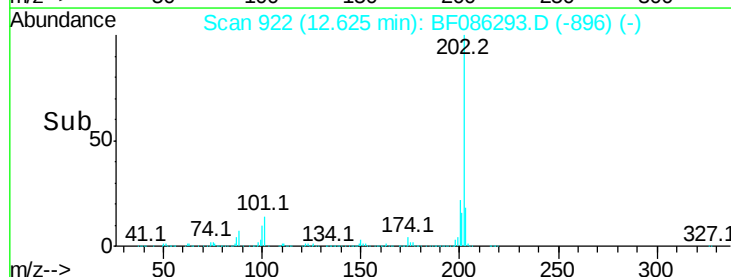
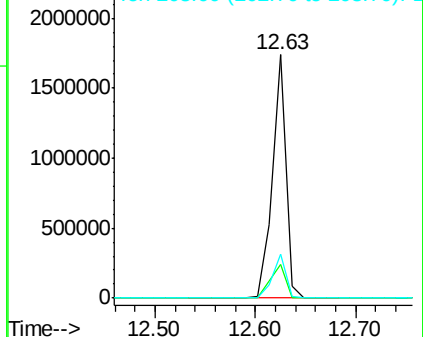
202 100

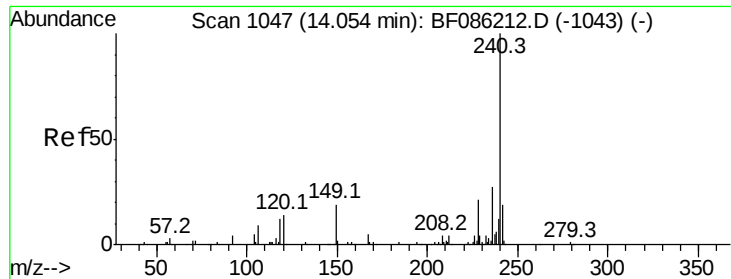
101 13.8 0.0 35.2

203 18.3 0.0 38.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

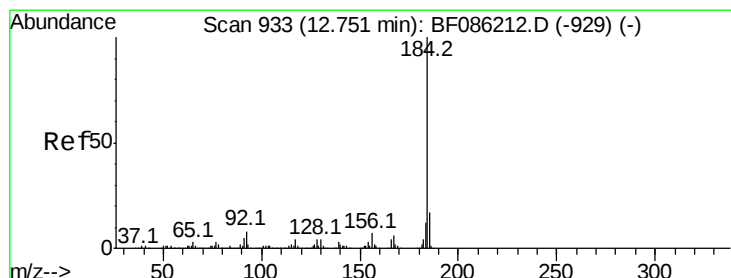
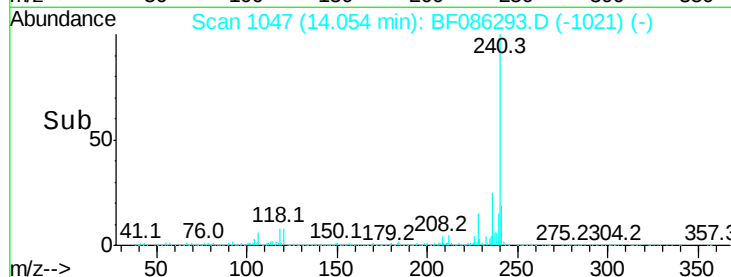
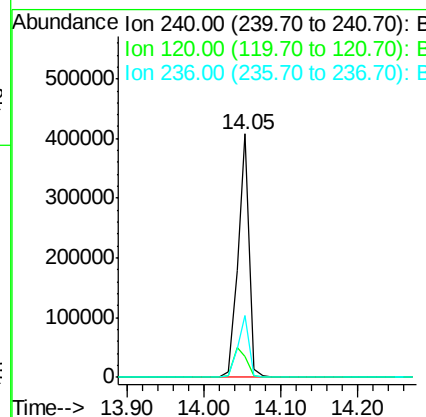
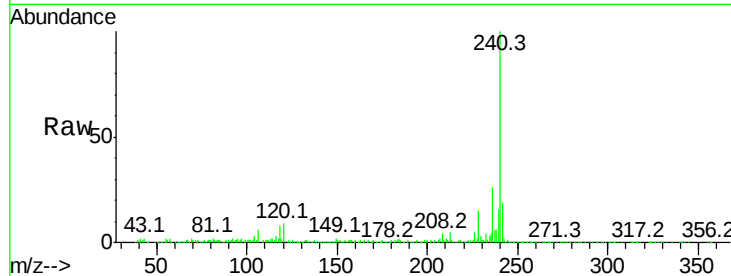
ClientSampleId :

SP-1-A(0-2)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.3	13.9#
236	25.6	21.1	31.7

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#76

Benzidine

Concen: 41.53 ng

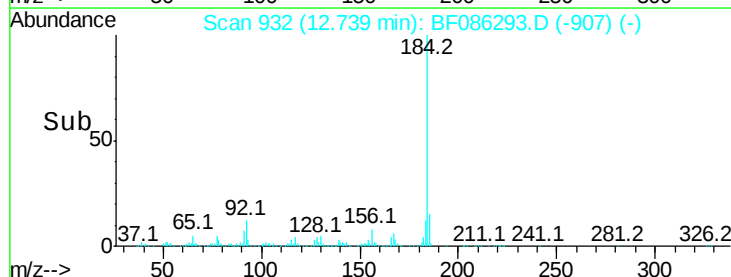
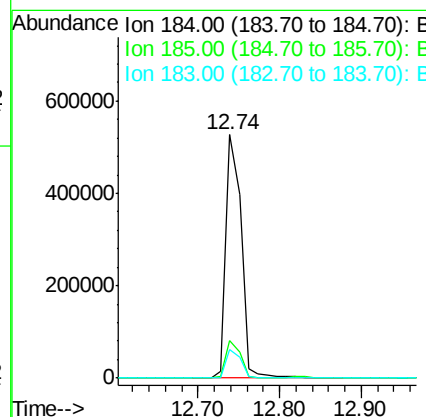
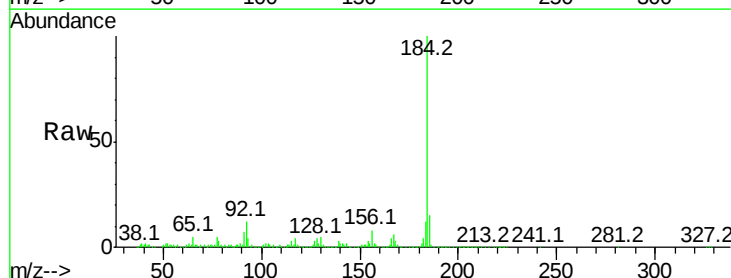
RT: 12.74 min Scan# 932

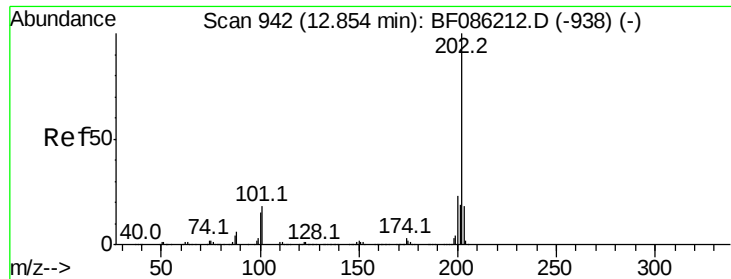
Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	14.2	21.2
183	12.0	9.8	14.6





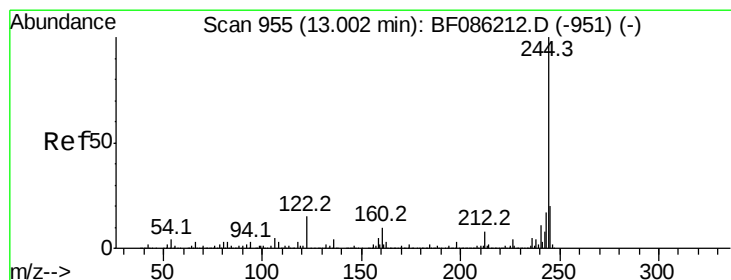
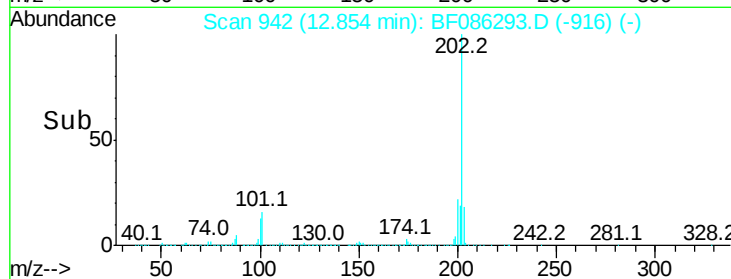
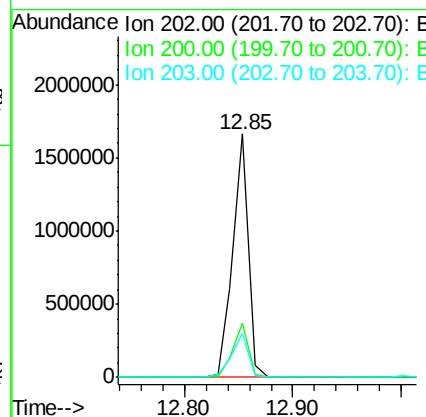
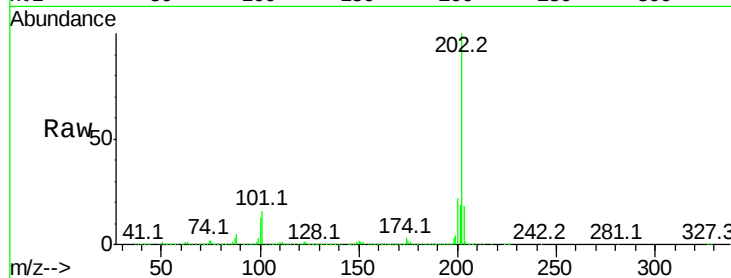
#77
Pvrene
Concen: 50.47 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.3	27.5
203	18.2	14.9	22.3

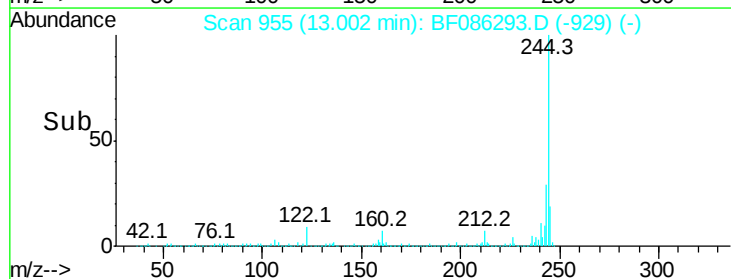
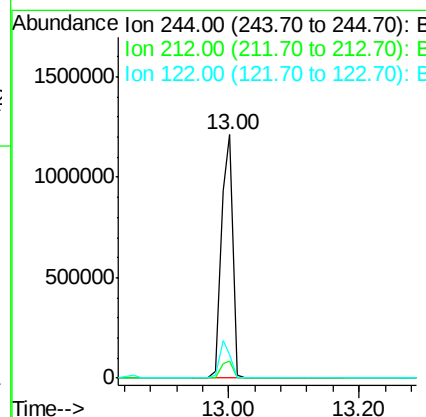
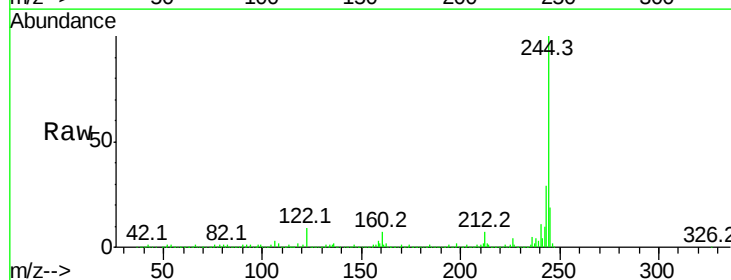
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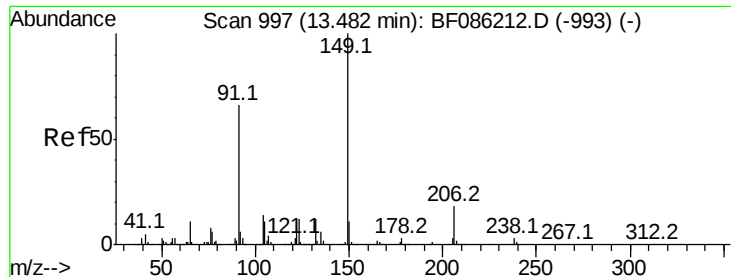
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#78
Terphenyl-d14
Concen: 90.41 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	9.5	11.7	17.5





#79

Butylbenzylphthalate

Concen: 50.24 ng

RT: 13.47 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

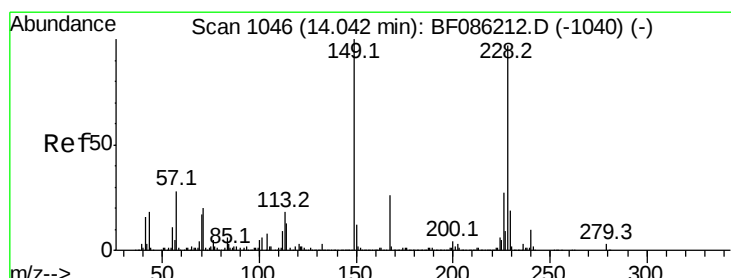
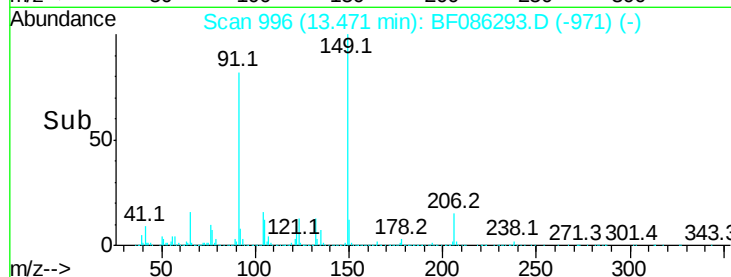
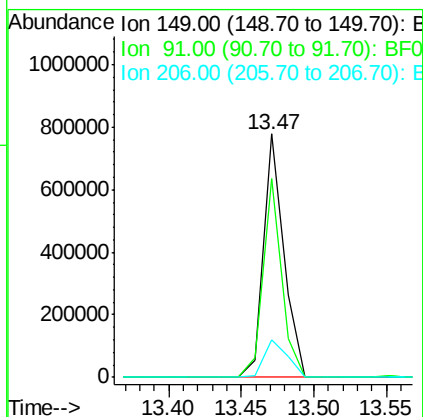
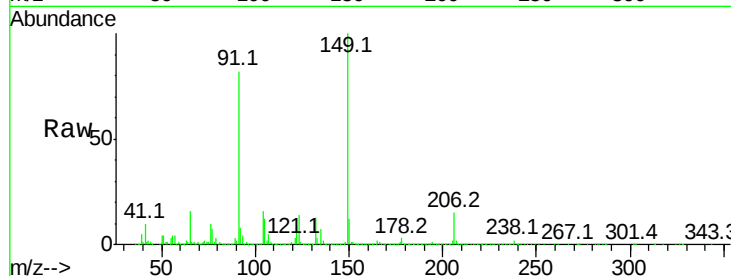
ClientSampleID :

SP-1-A(0-2)MS

Tot Ion:	149	Resp:	750929
Ion Ratio	Lower	Upper	
149	100		
91	81.6	48.7	73.1#
206	15.2	15.7	23.5#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 48.39 ng

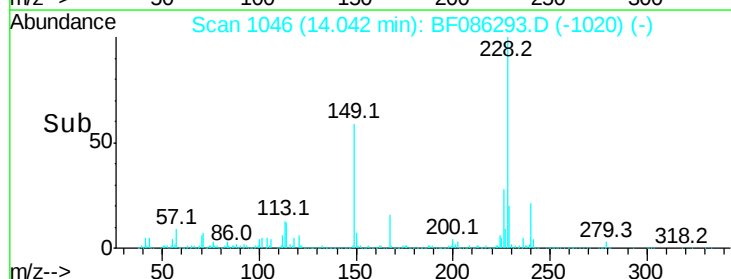
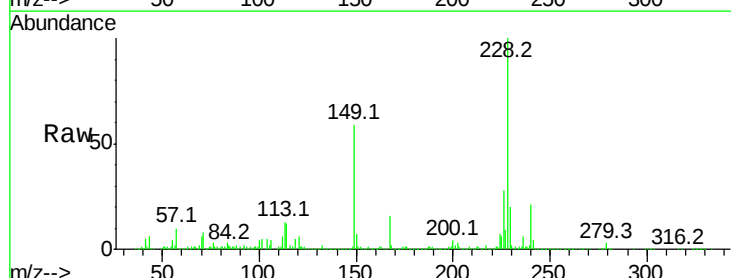
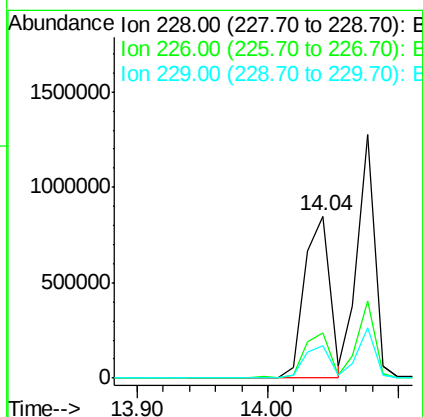
RT: 14.04 min Scan# 1046

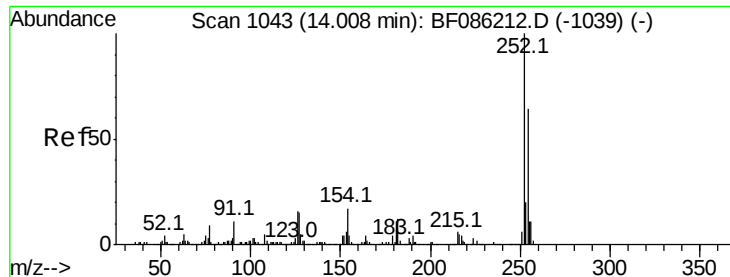
Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:	228	Resp:	1120460
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.5	33.7
229	19.8	16.2	24.2





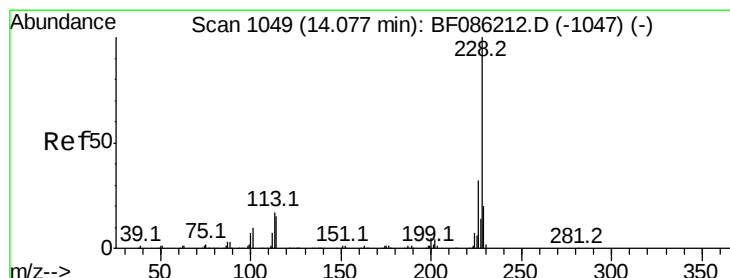
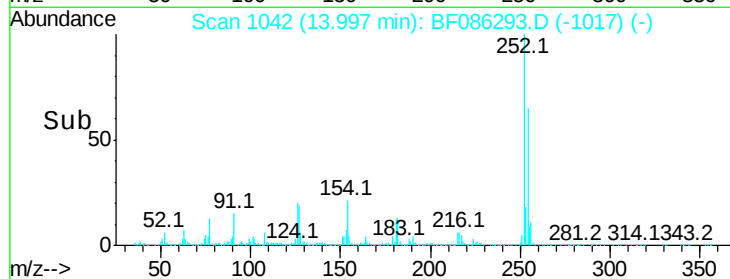
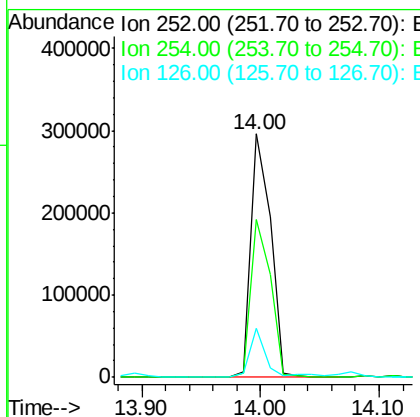
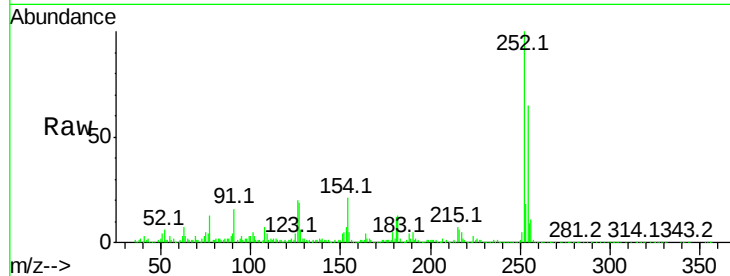
#81
 3,3'-Dichlorobenzidine
 Concen: 25.87 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	52.1	78.1
126	20.2	13.2	19.8

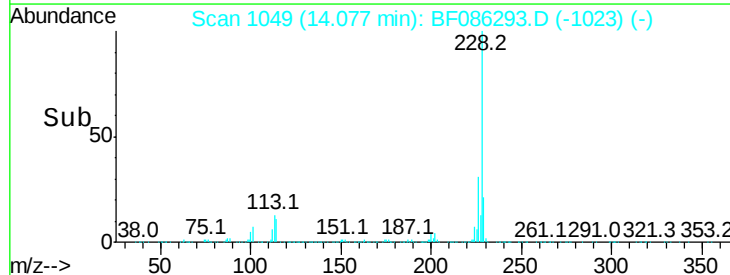
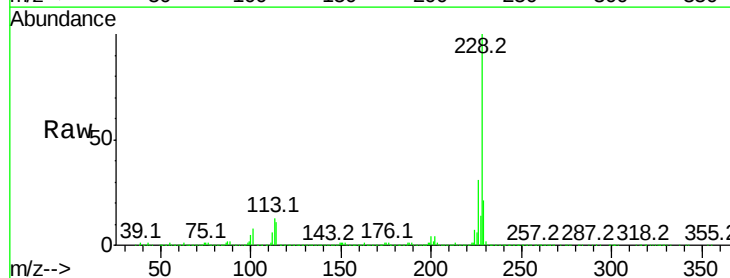
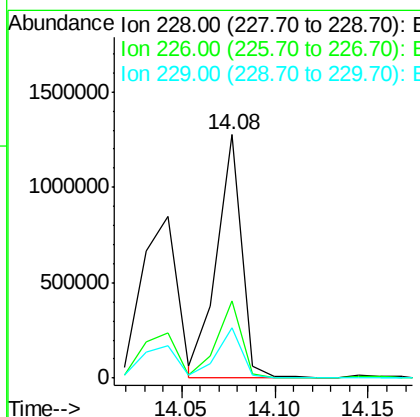
Manual Integrations
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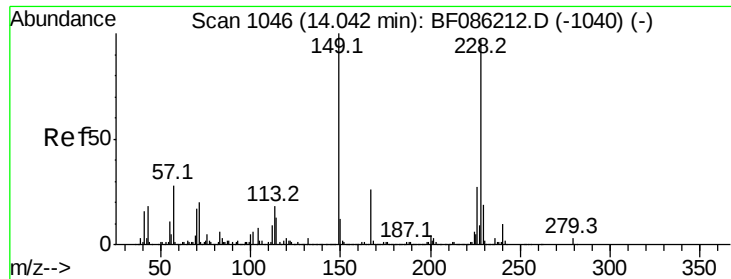
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#82
 Chrysene
 Concen: 47.85 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	25.4	38.2
229	20.6	16.5	24.7





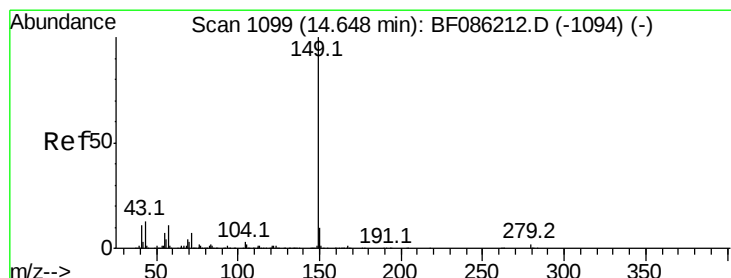
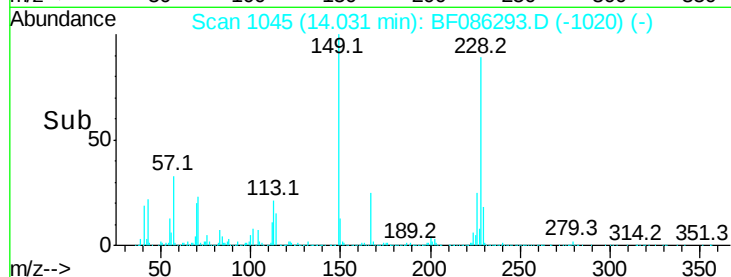
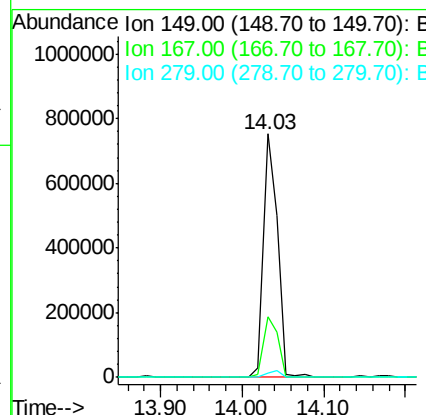
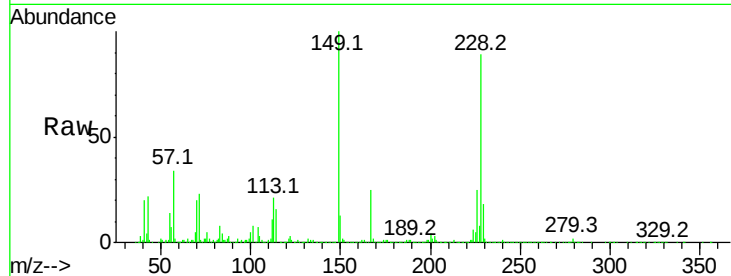
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.43 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.8	21.0	31.4	
279	1.9	2.4	3.6	

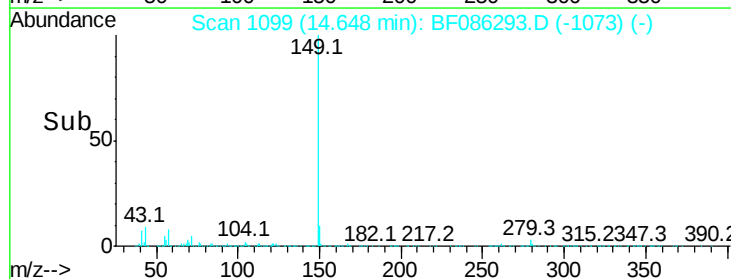
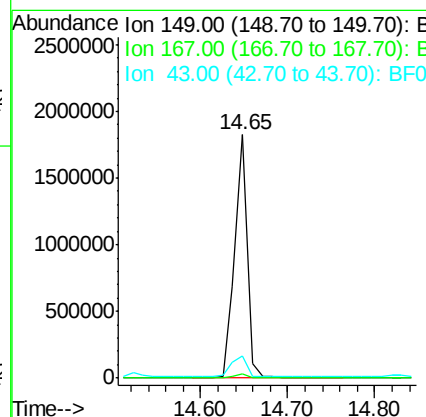
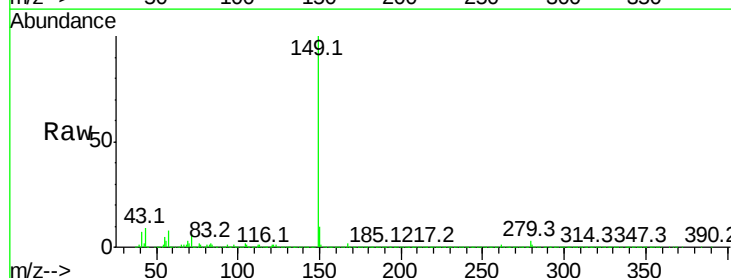
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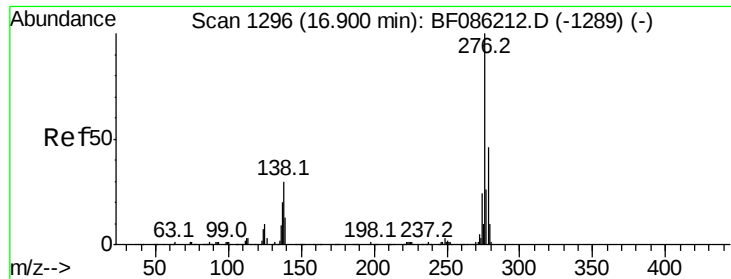
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#84
 Di-n-octyl phthalate
 Concen: 58.24 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	11.0	9.1	13.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.15 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:276 Resp: 1058238

Ion Ratio Lower Upper

276 100

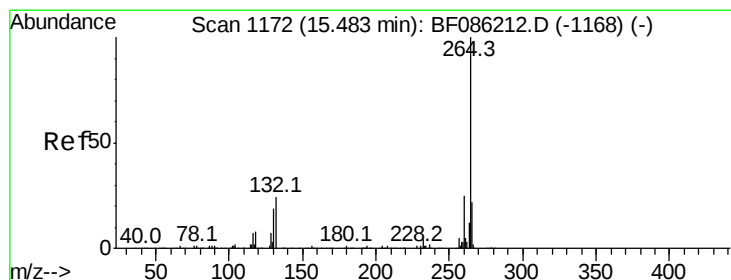
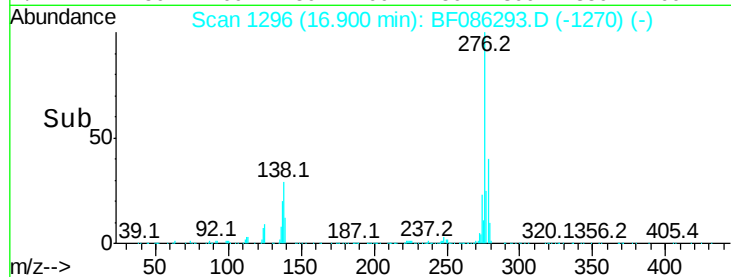
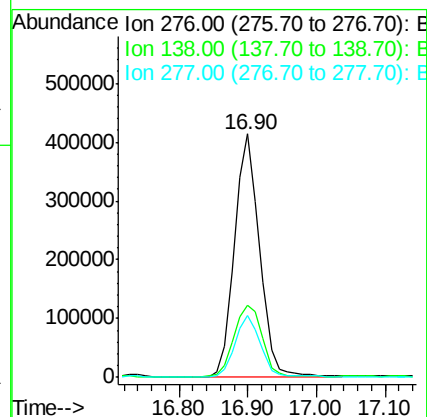
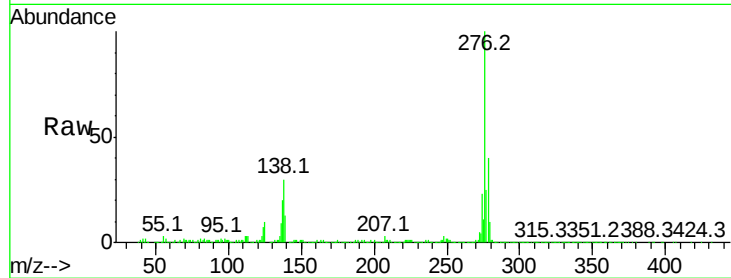
138 32.8 23.8 35.6

277 25.6 20.2 30.2

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

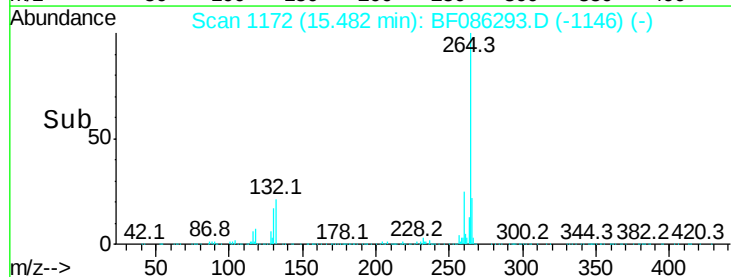
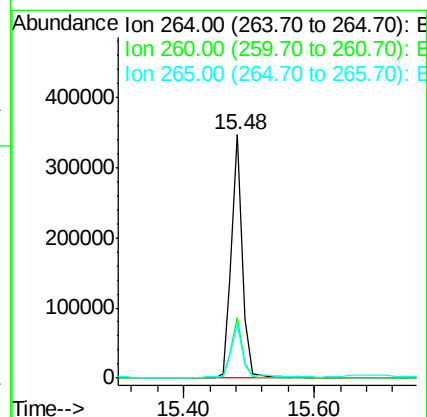
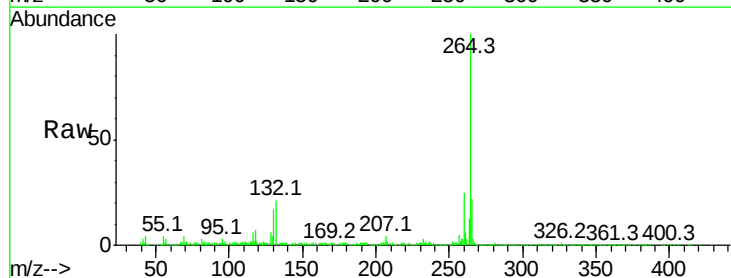
Tgt Ion:264 Resp: 406730

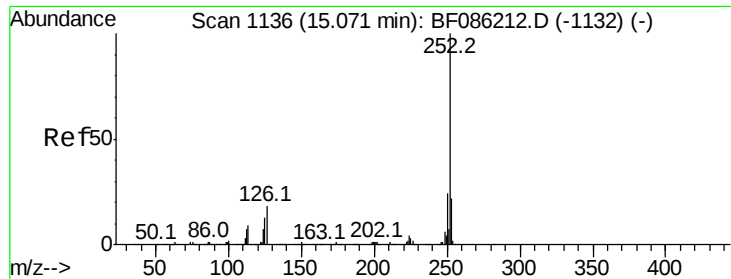
Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 22.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 45.39 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:252 Resp: 1138872

Ion Ratio Lower Upper

252 100

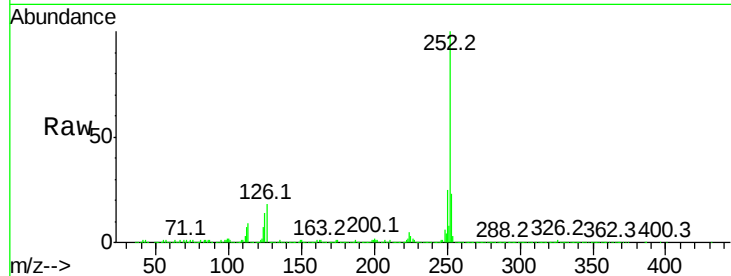
253 22.6 17.7 26.5

125 13.6 10.3 15.5

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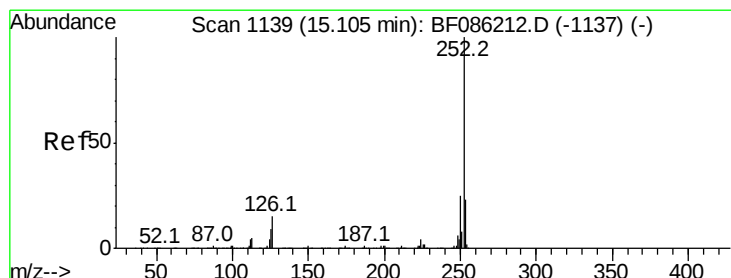
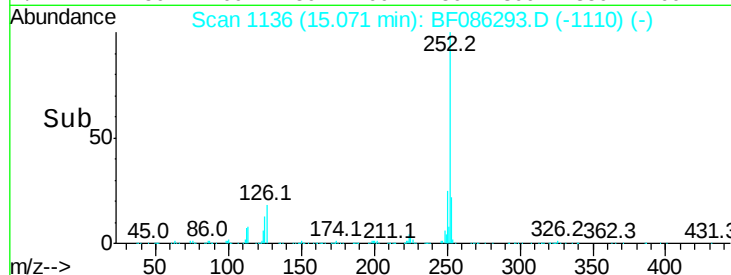
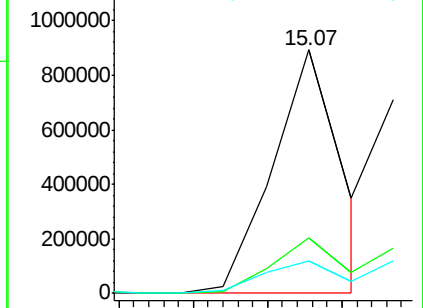
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.71 ng m

RT: 15.11 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:252 Resp: 1045956

Ion Ratio Lower Upper

252 100

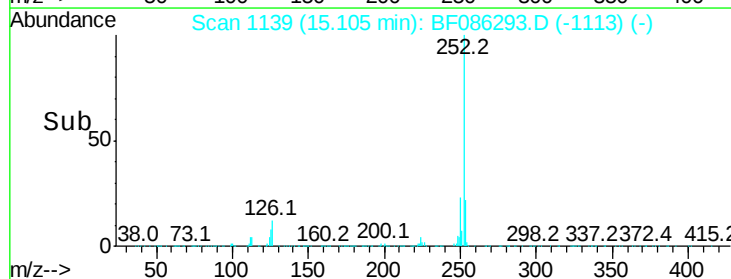
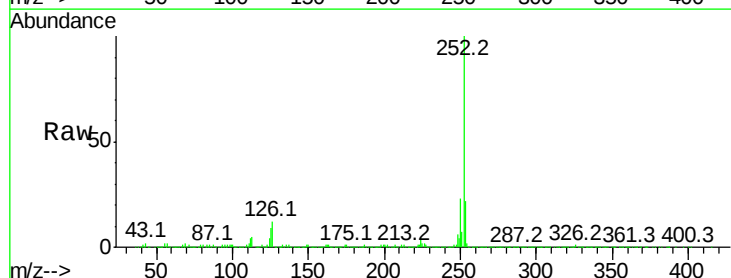
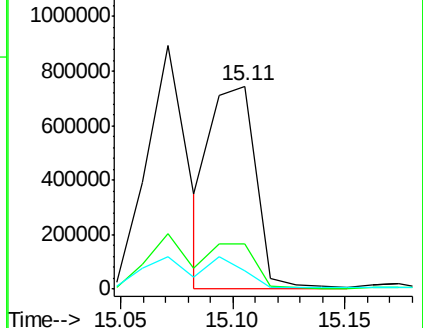
253 22.0 17.5 26.3

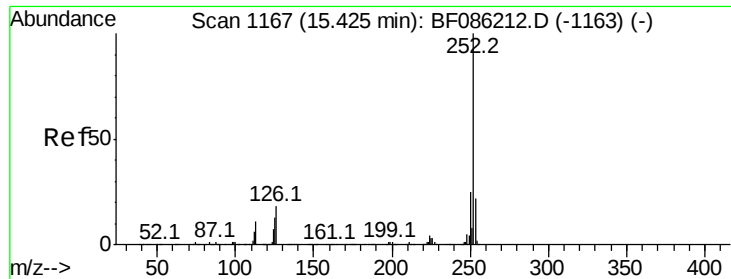
125 8.9 7.8 11.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.57 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tot Ion:252 Resp: 1034068

Ion Ratio Lower Upper

252 100

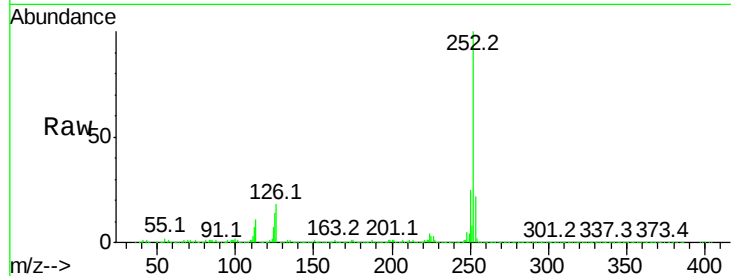
253 22.1 17.8 26.8

125 14.1 11.2 16.8

Manual Integrations
APPROVED

Sohil

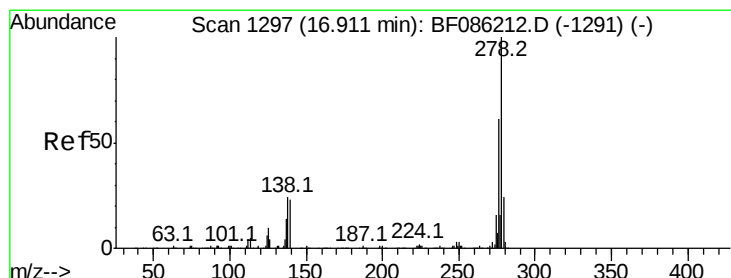
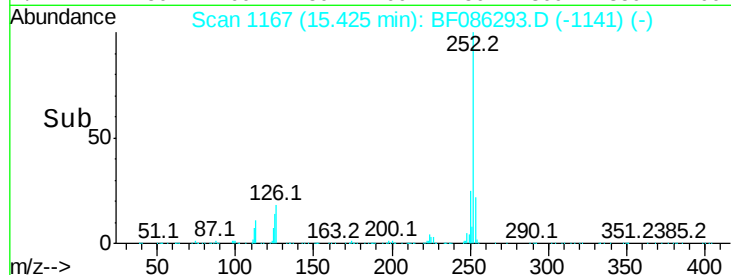
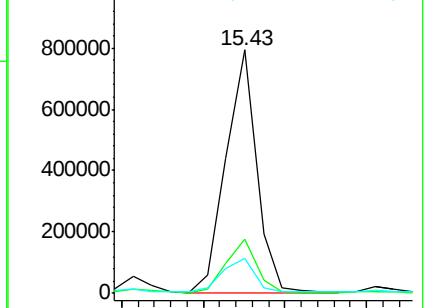
4/19/2016 6:24:05 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.26 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

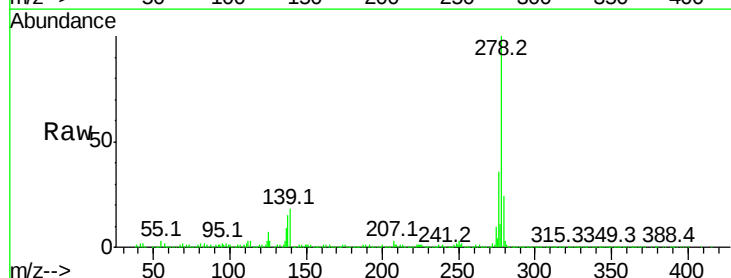
Tgt Ion:278 Resp: 869372

Ion Ratio Lower Upper

278 100

139 18.2 15.3 22.9

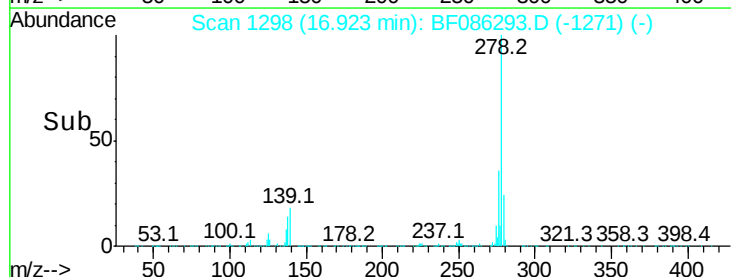
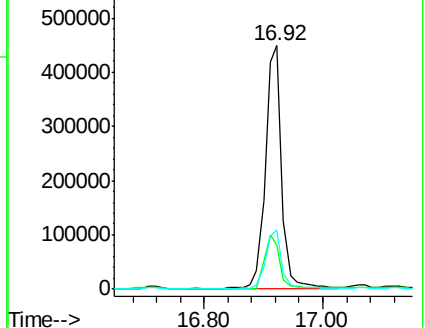
279 24.1 19.1 28.7

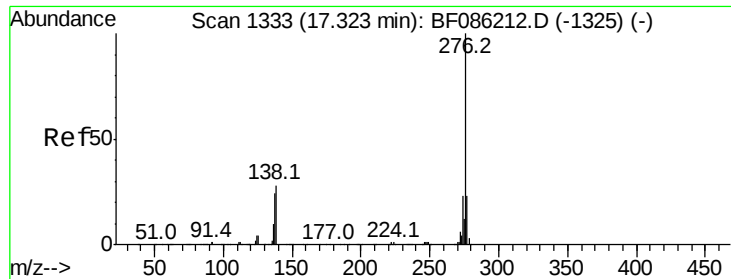


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.30 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	30.3	19.6	29.4

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