

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086755.D
 Acq On : 7 May 2016 6:08
 Operator : UM/SJ
 Sample : PB90362BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:17:29 PM

Quant Time: May 07 06:38:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165511	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	678103	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	322707	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	545415	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	357221	40.00	ng	-0.01
86) Perylene-d12	15.23	264	330073	40.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1218307	121.86	ng	0.00
7) Phenol-d6	6.37	99	1543575	114.62	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1046573	79.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	361350	114.47	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1583867	80.45	ng	-0.01
78) Terphenyl-d14	12.81	244	1590179	89.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	151619	29.34	ng	# 76
3) Pyridine	3.04	79	429341	33.88	ng	# 67
4) n-Nitrosodimethylamine	2.94	42	319735	41.60	ng	# 50
6) Aniline	6.38	93	281796	16.95	ng	# 1
8) 2-Chlorophenol	6.50	128	472207	39.36	ng	95
9) Benzaldehyde	6.26	77	49548	7.37	ng	97
10) Phenol	6.38	94	657577	44.63	ng	80
11) bis(2-Chloroethyl)ether	6.45	93	469682	37.04	ng	90
12) 1,3-Dichlorobenzene	6.65	146	486202	38.17	ng	99
13) 1,4-Dichlorobenzene	6.73	146	477152	36.22	ng	100
14) 1,2-Dichlorobenzene	6.88	146	451607	39.37	ng	99
15) Benzyl Alcohol	6.86	79	371175	42.60	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.99	45	962645	37.13	ng	52
17) 2-Methylphenol	6.99	107	387155	40.08	ng	# 84
18) Hexachloroethane	7.22	117	192085	38.63	ng	# 84
19) n-Nitroso-di-n-propylamine	7.14	70	384074	41.74	ng	# 75
20) 3+4-Methylphenols	7.15	107	489903	43.31	ng	# 59
22) Acetophenone	7.13	105	651488	41.23	ng	99
24) Nitrobenzene	7.30	77	553199	40.55	ng	98
25) Isophorone	7.54	82	940841	38.29	ng	98
26) 2-Nitrophenol	7.62	139	252774	41.53	ng	94
27) 2,4-Dimethylphenol	7.66	122	411641	38.51	ng	88
28) bis(2-Chloroethoxy)methane	7.76	93	590028	43.62	ng	98
29) 2,4-Dichlorophenol	7.86	162	375856	40.90	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	417906	40.76	ng	100
31) Naphthalene	8.02	128	1352425	39.04	ng	99
32) Benzoic acid	7.82	122	262892	60.41	ng	# 84
33) 4-Chloroaniline	8.08	127	129402	9.64	ng	# 94
34) Hexachlorobutadiene	8.13	225	238217	40.92	ng	99
35) Caprolactam	8.46	113	112791m	39.65	ng	
36) 4-Chloro-3-methylphenol	8.58	107	448920	42.82	ng	97
37) 2-Methylnaphthalene	8.70	142	863962	42.27	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	369121	39.52	ng	98
40) Hexachlorocyclopentadiene	8.85	237	425325	97.35	ng	96

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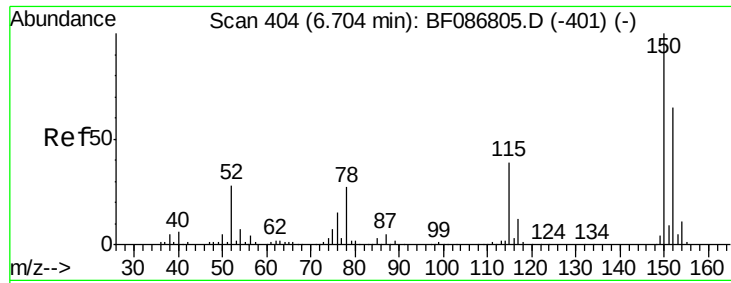
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	253321	42.65	ng	95
43) 2,4,5-Trichlorophenol	9.05	196	263704	42.50	ng	93
45) 1,1'-Biphenyl	9.17	154	1134209	42.99	ng	99
46) 2-Chloronaphthalene	9.20	162	836551	41.09	ng	98
47) 2-Nitroaniline	9.30	65	275940	38.12	ng	# 75
48) Acenaphthylene	9.61	152	1259179	41.66	ng	99
49) Dimethylphthalate	9.48	163	918461	38.18	ng	100
50) 2,6-Dinitrotoluene	9.54	165	191327	37.06	ng	# 68
51) Acenaphthene	9.78	154	801315	40.19	ng	98
52) 3-Nitroaniline	9.71	138	91620	15.61	ng	# 78
53) 2,4-Dinitrophenol	9.82	184	178962	82.62	ng	# 82
54) Dibenzofuran	9.95	168	1068461	43.24	ng	95
55) 4-Nitrophenol	9.90	139	240114	70.17	ng	84
56) 2,4-Dinitrotoluene	9.95	165	263115	41.12	ng	# 83
57) Fluorene	10.29	166	897239	44.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	229933	50.45	ng	99
59) Diethylphthalate	10.18	149	918078	40.32	ng	99
60) 4-Chlorophenyl-phenylether	10.28	204	357137	37.51	ng	98
61) 4-Nitroaniline	10.33	138	201391	35.71	ng	# 68
62) Azobenzene	10.44	77	1062843	42.12	ng	86
64) 4,6-Dinitro-2-methylphenol	10.35	198	133655	48.35	ng	# 46
65) n-Nitrosodiphenylamine	10.41	169	710870	41.05	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	248815	45.91	ng	91
67) Hexachlorobenzene	10.83	284	257464	38.95	ng	# 67
68) Atrazine	10.94	200	255555	48.15	ng	95
69) Pentachlorophenol	11.04	266	283811	87.86	ng	99
70) Phenanthrene	11.24	178	1201214	41.00	ng	99
71) Anthracene	11.30	178	1291545	42.10	ng	100
72) Carbazole	11.46	167	1071184	40.21	ng	99
73) Di-n-butylphthalate	11.79	149	1280478	40.49	ng	# 98
74) Fluoranthene	12.43	202	1279414	43.58	ng	95
76) Benzidine	12.57	184	312409	34.30	ng	95
77) Pyrene	12.66	202	1301568	45.70	ng	99
79) Butylbenzylphthalate	13.29	149	596172	49.98	ng	95
80) Benzo(a)anthracene	13.84	228	905667	44.83	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	144652	11.39	ng	# 96
82) Chrysene	13.88	228	1003220	46.55	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	720099	52.17	ng	# 100
84) Di-n-octyl phthalate	14.45	149	1292844	63.65	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.53	276	801133	43.32	ng	96
87) Benzo(b)fluoranthene	14.84	252	1068887m	53.89	ng	
88) Benzo(k)fluoranthene	14.88	252	664568m	35.56	ng	
89) Benzo(a)pyrene	15.17	252	771323	42.22	ng	98
90) Dibenzo(a,h)anthracene	16.55	278	670194	38.19	ng	# 94
91) Benzo(g,h,i)perylene	16.92	276	643397	34.92	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086755.D

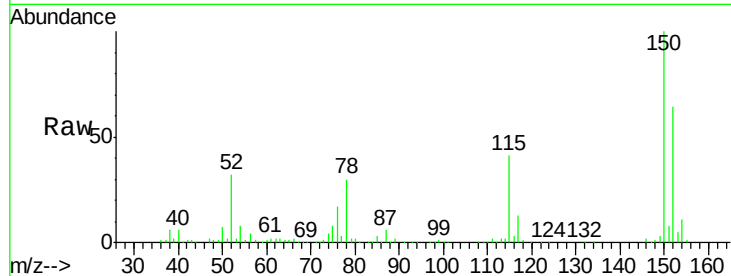
Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS



Tgt Ion: 152 Resp: 165511

Ion Ratio Lower Upper

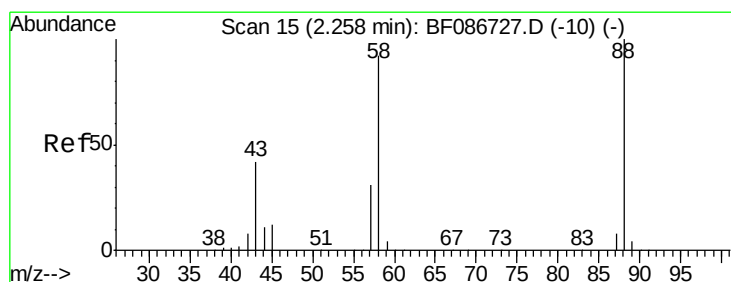
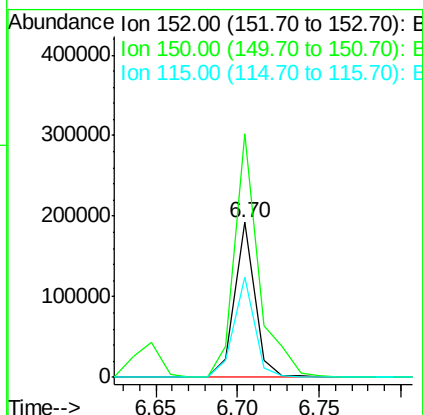
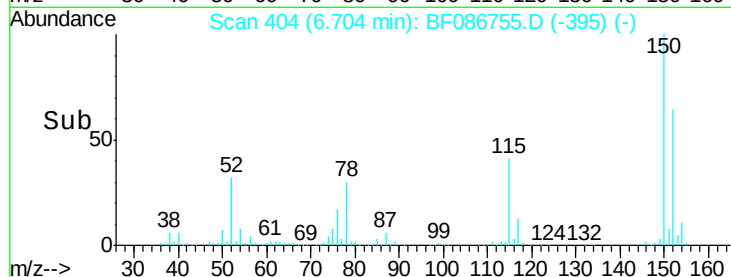
152 100

150 156.9 125.8 188.6

115 64.3 51.5 77.3

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#2

1,4-Dioxane

Concen: 29.34 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.06 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

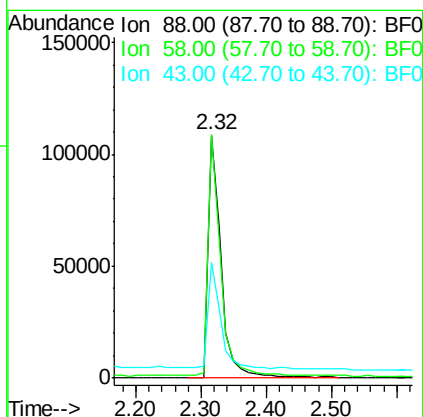
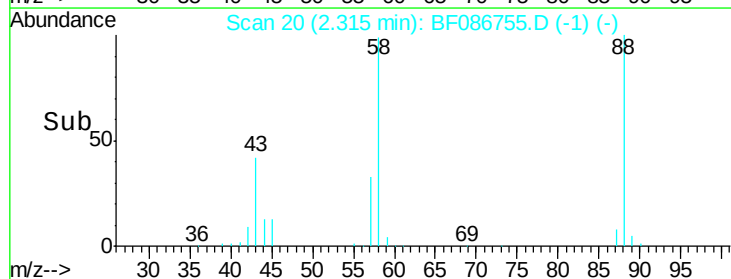
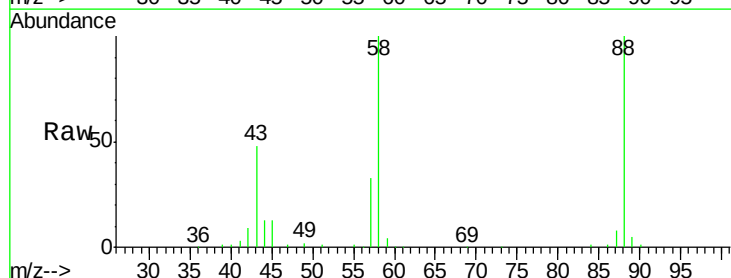
Tgt Ion: 88 Resp: 151619

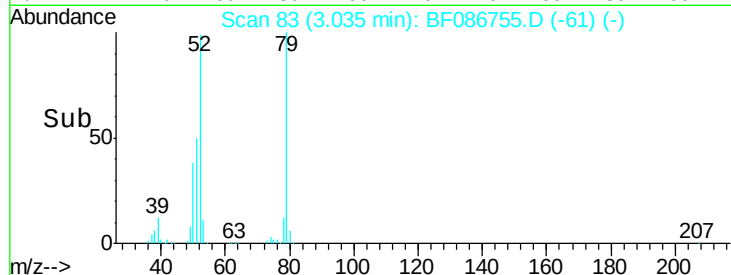
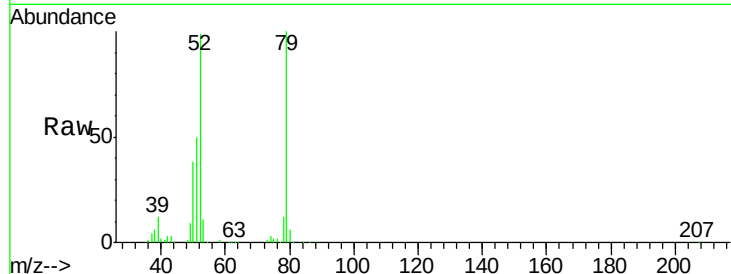
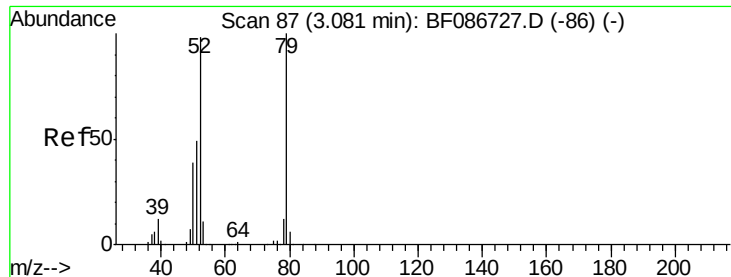
Ion Ratio Lower Upper

88 100

58 94.0 59.6 89.4#

43 40.6 21.8 32.6#





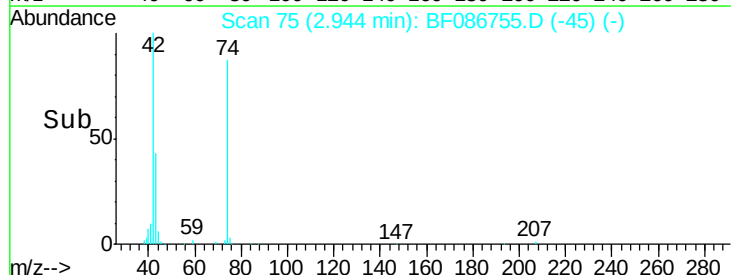
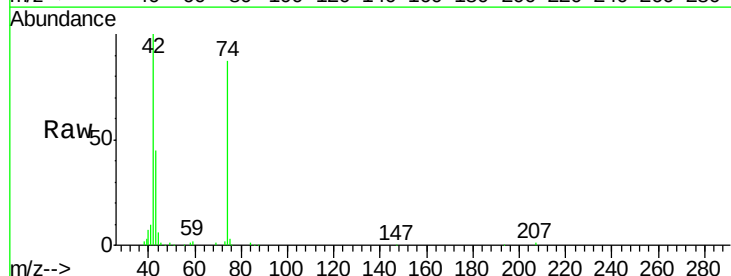
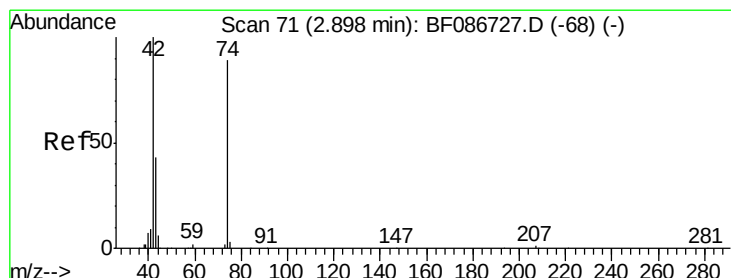
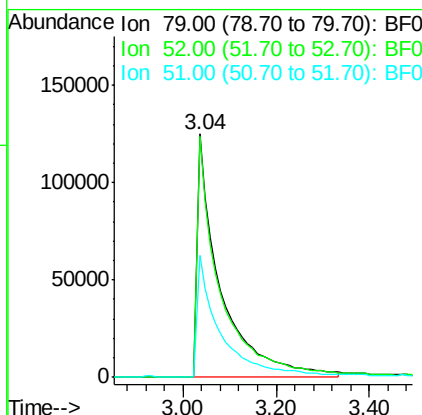
#3
 Pyridine
 Concen: 33.88 ng
 RT: 3.04 min Scan# 83
 Delta R.T. -0.05 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
79	100		
52	99.2	55.9	83.9#
51	50.4	28.1	42.1#

Instrument :
 BNA_F
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 PB90362BS

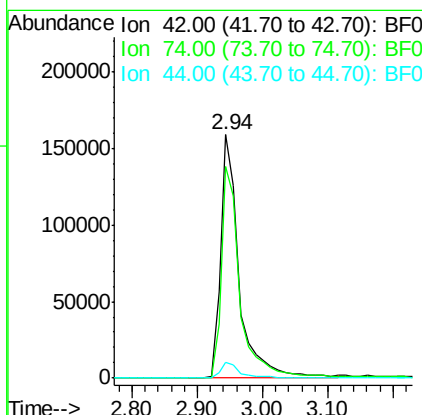
Manual Integrations
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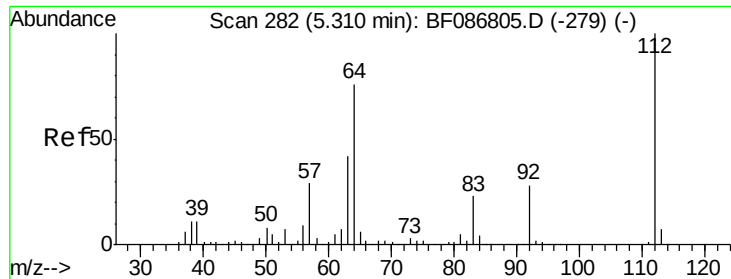
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 41.60 ng
 RT: 2.94 min Scan# 75
 Delta R.T. 0.05 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	86.7	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 121.86 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086755.D

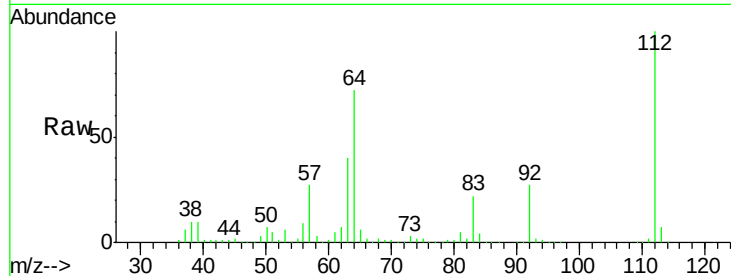
Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampled :

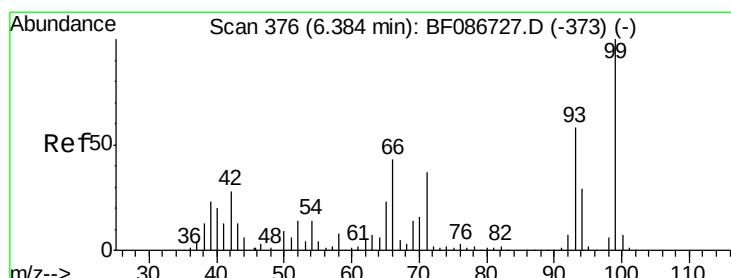
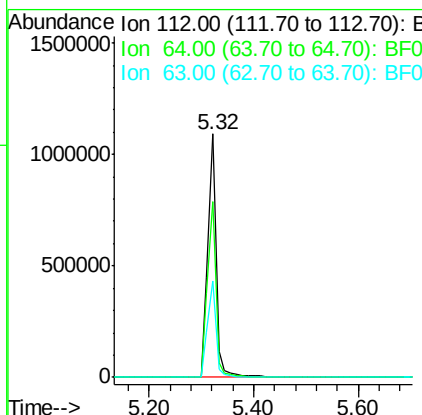
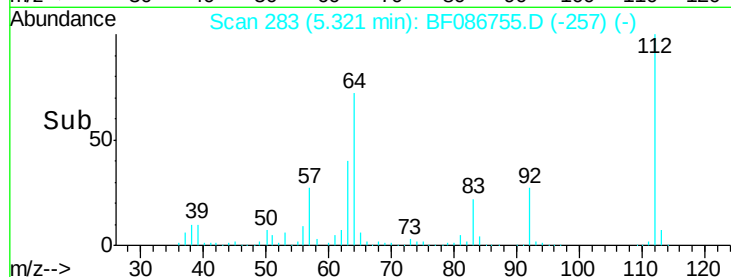
PB90362BS



Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	52.1	78.1
63	39.7	25.7	38.5#

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#6

Aniline

Concen: 16.95 ng

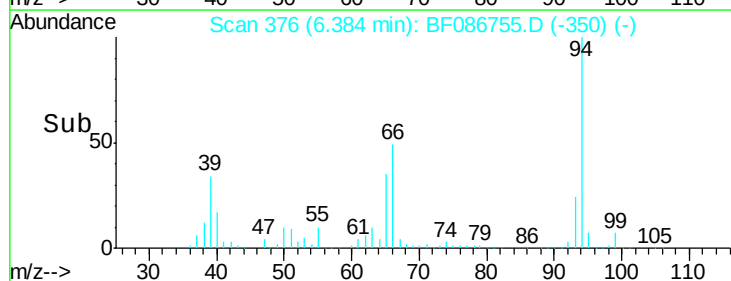
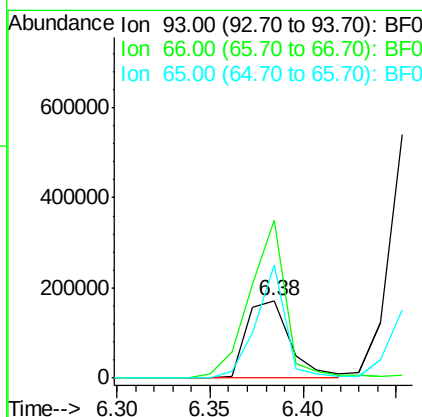
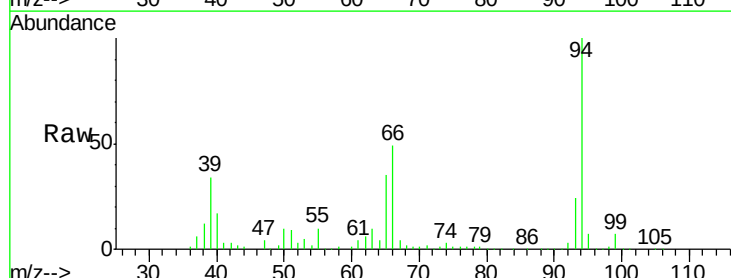
RT: 6.38 min Scan# 376

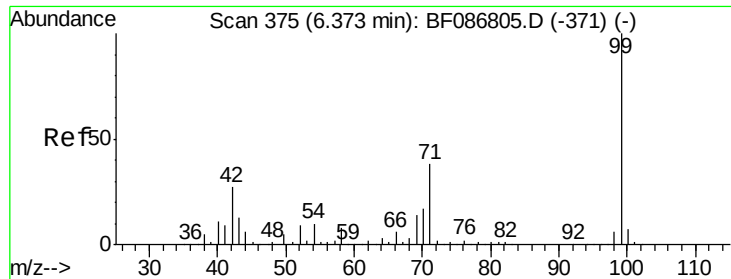
Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	204.0	39.0	58.6#
65	147.0	20.6	31.0#





#7

Phenol-d6

Concen: 114.62 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS

Tgt Ion: 99 Resp: 1543575

Ion Ratio Lower Upper

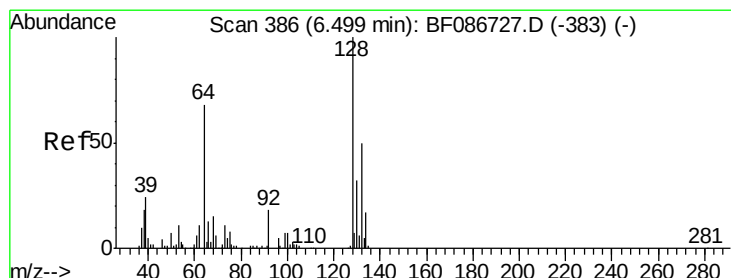
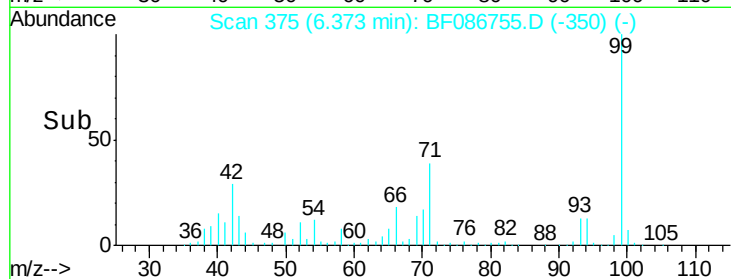
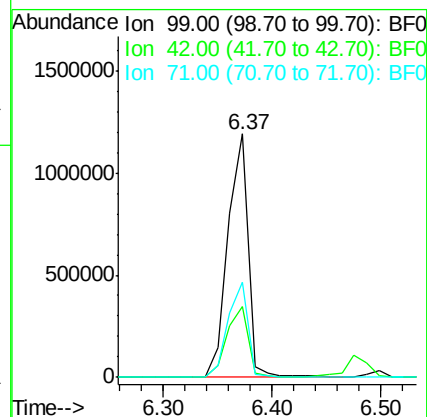
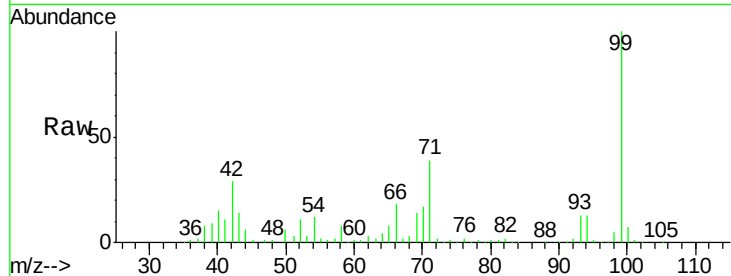
99 100

42 29.3 13.6 20.4#

71 38.9 24.6 36.8#

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#8

2-Chlorophenol

Concen: 39.36 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

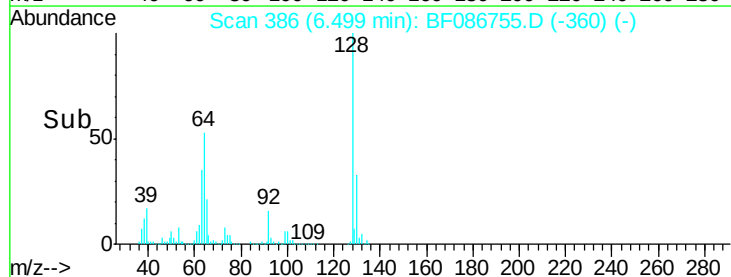
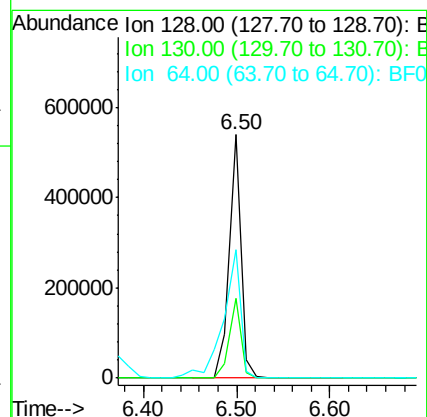
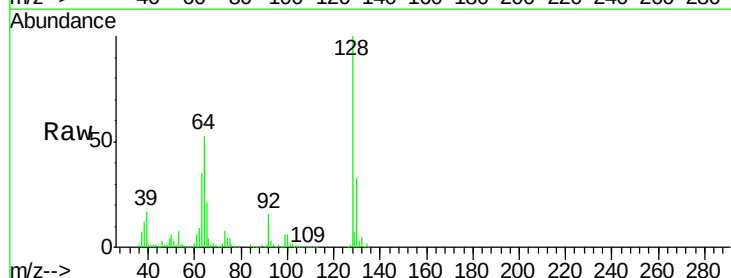
Tgt Ion: 128 Resp: 472207

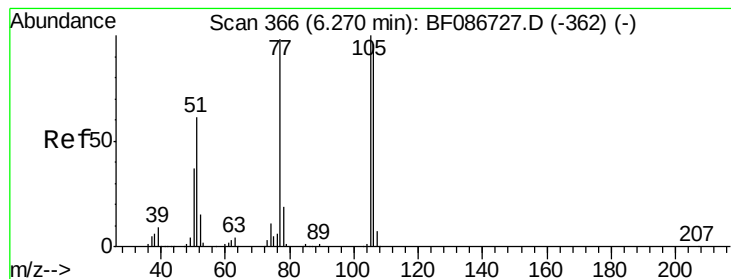
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 52.9 27.3 67.3





#9

Benzaldehyde

Concen: 7.37 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

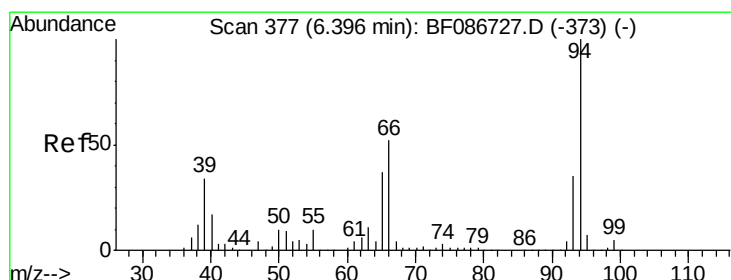
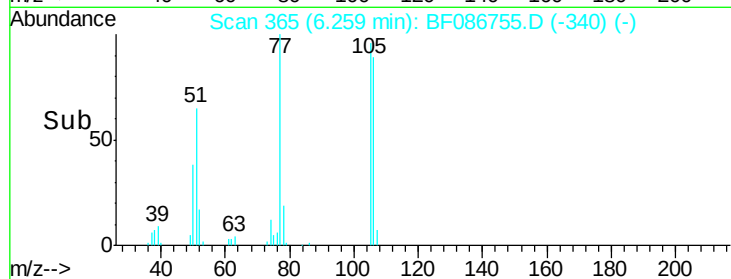
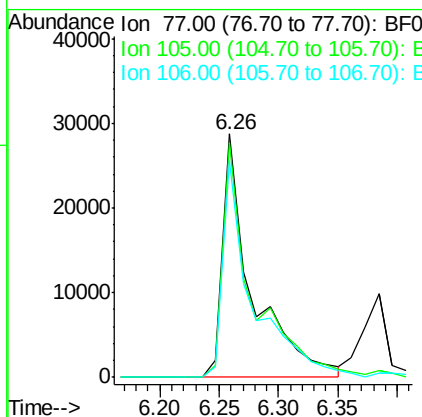
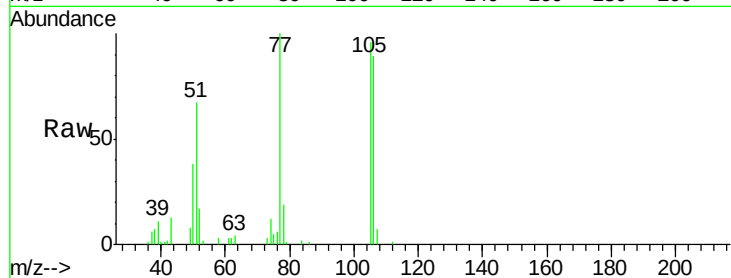
ClientSampleId :

PB90362BS

Tgt Ion:	77	Resp:	49548
Ion	Ratio	Lower	Upper
77	100		
105	96.4	72.7	112.7
106	89.0	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 44.63 ng

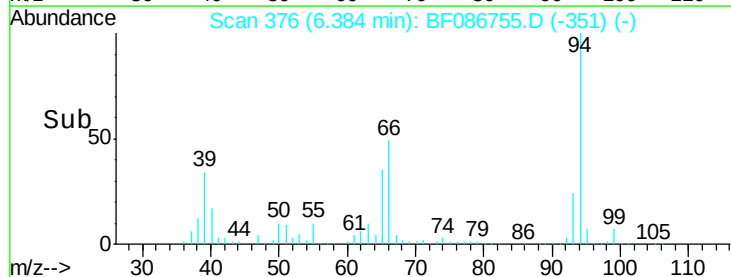
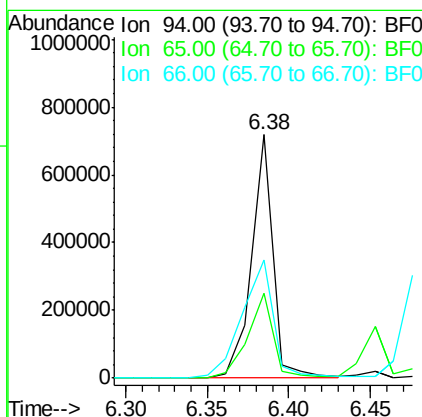
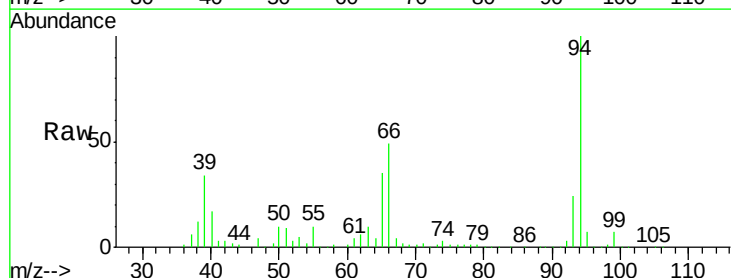
RT: 6.38 min Scan# 376

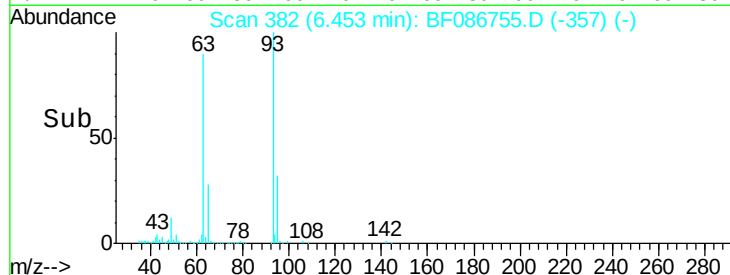
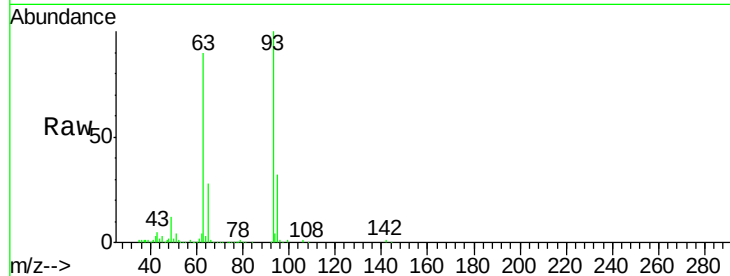
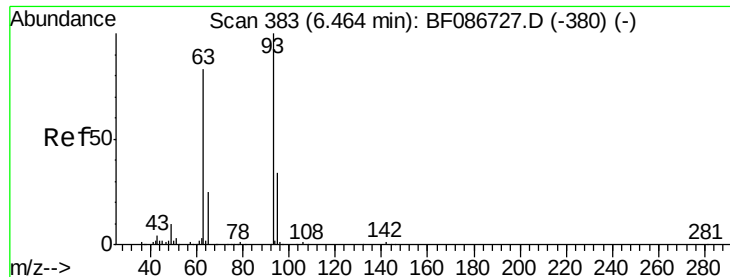
Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion:	94	Resp:	657577
Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.2	47.2
66	48.6	14.9	54.9





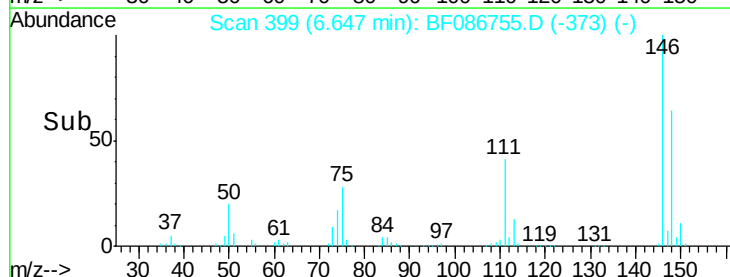
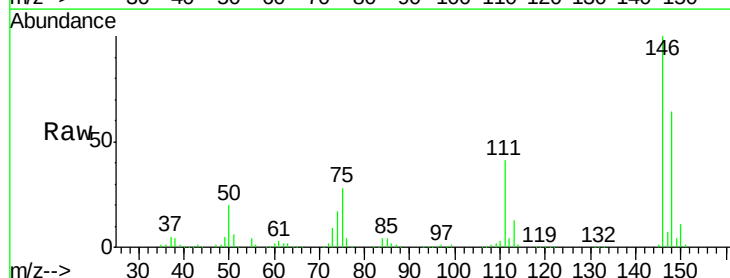
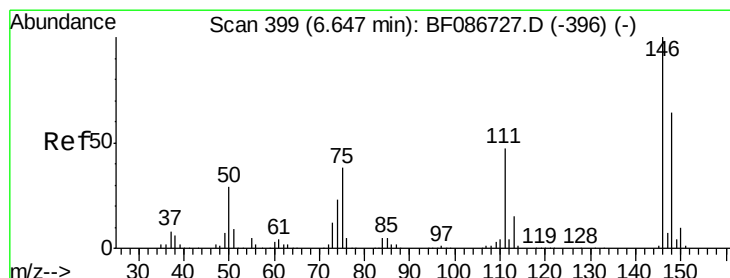
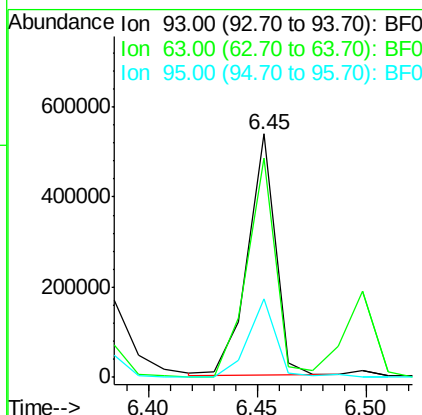
#11
bis(2-Chloroethyl)ether
Concen: 37.04 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	469682		
63	90.1	58.0	98.0	
95	32.4	11.9	51.9	

Instrument :
BNA_F
ClientSampleId :
PB90362BS

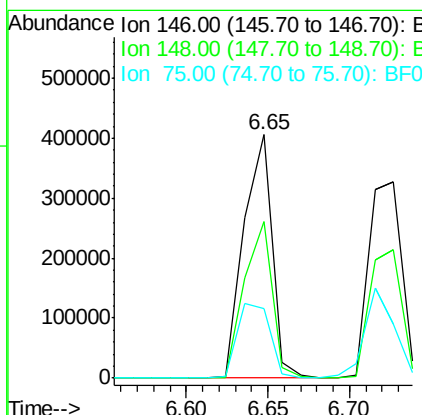
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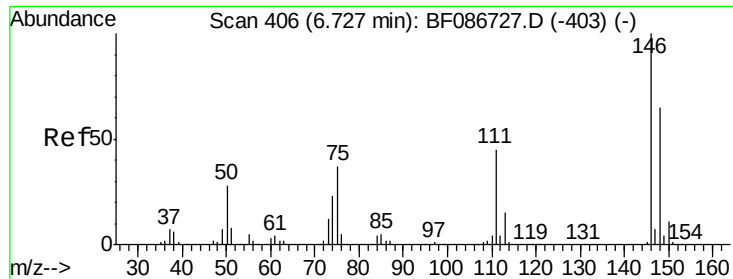
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.17 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	486202		
148	64.4	52.4	78.6	
75	28.5	22.8	34.2	





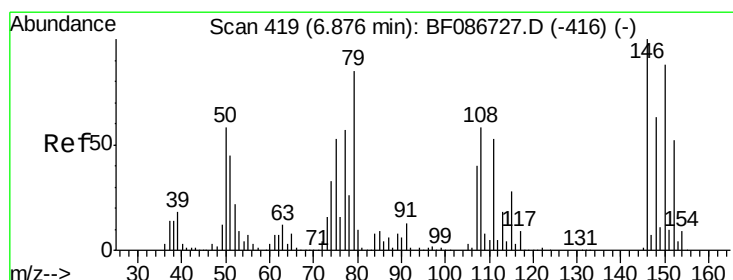
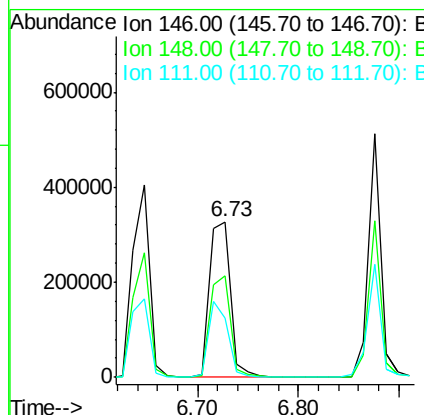
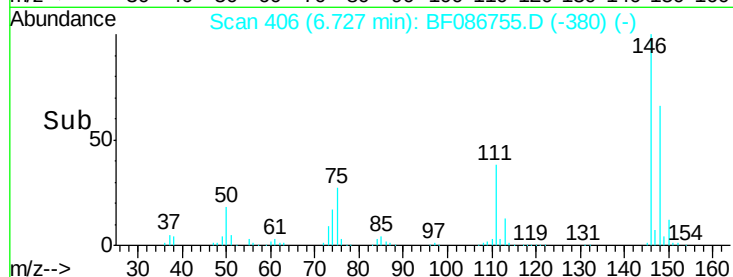
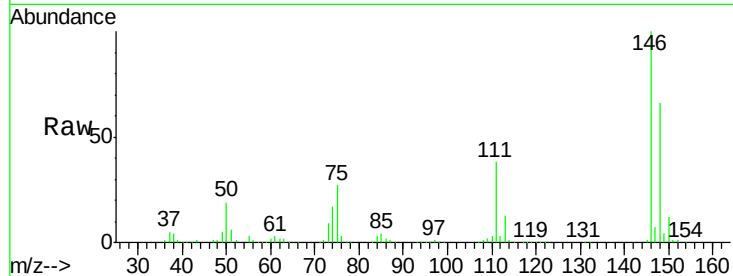
#13
 1,4-Dichlorobenzene
 Concen: 36.22 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampled :
 PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	477152		
148	65.6	52.2	78.4	
111	38.2	30.7	46.1	

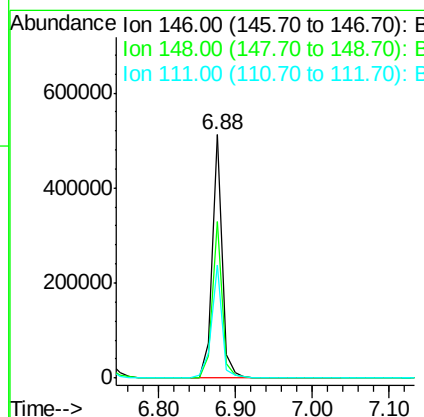
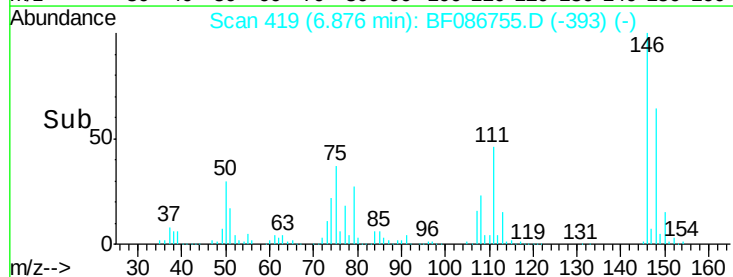
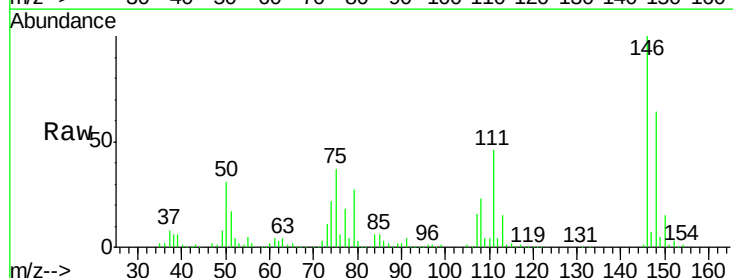
Manual Integrations
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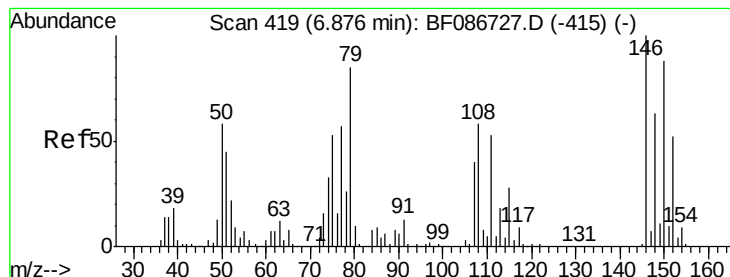
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.37 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	451607		
148	64.4	51.0	76.6	
111	46.5	36.2	54.4	





#15

Benzyl Alcohol

Concen: 42.60 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS

Tgt Ion: 79 Resp: 371175

Ion Ratio Lower Upper

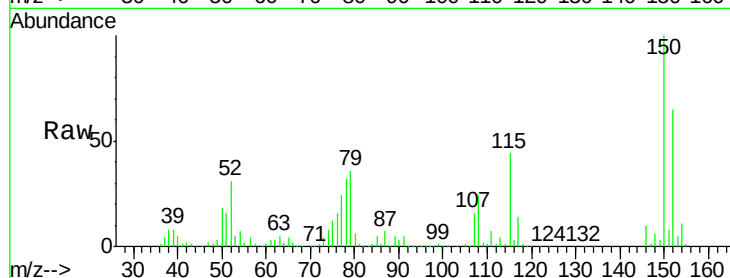
79 100

108 65.5 68.4 102.6#

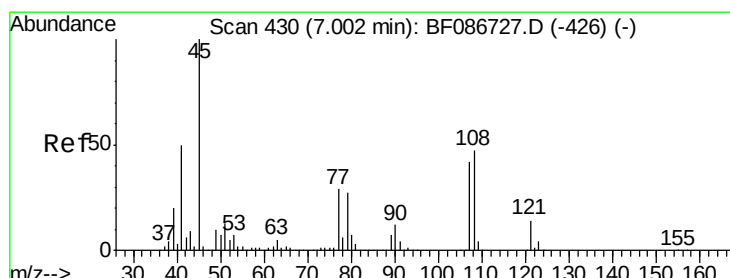
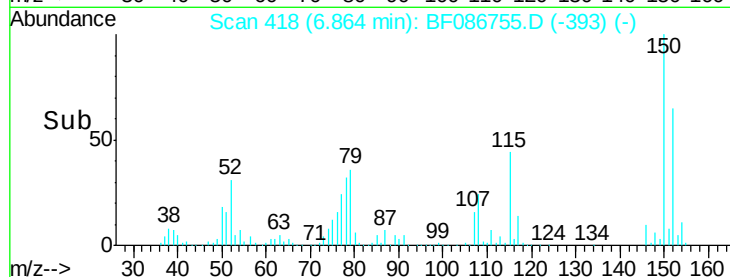
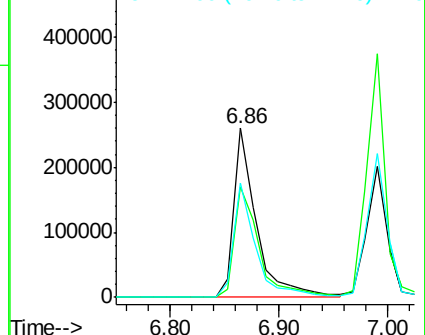
77 67.4 50.6 76.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.13 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

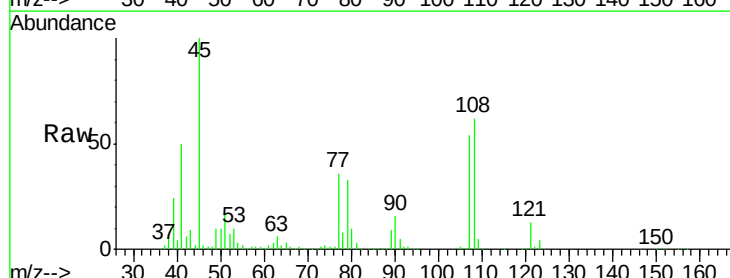
Tgt Ion: 45 Resp: 962645

Ion Ratio Lower Upper

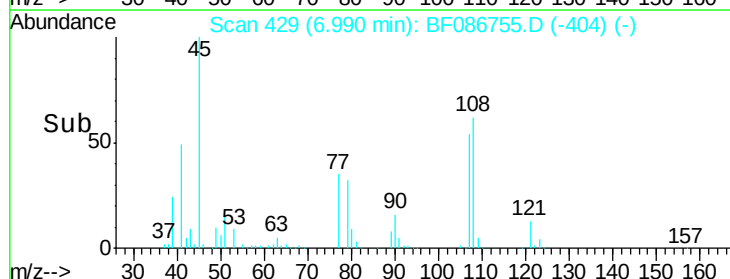
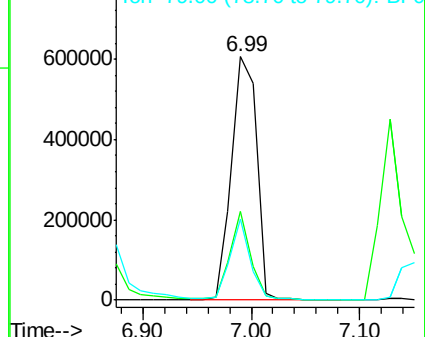
45 100

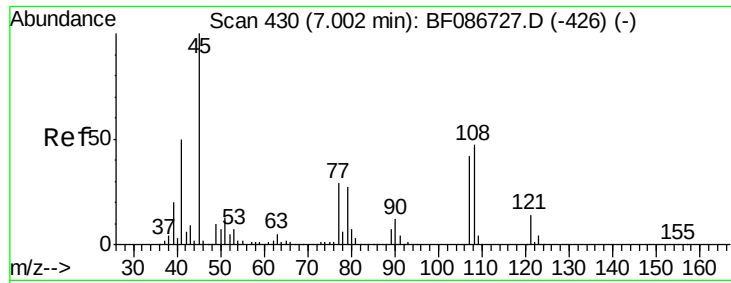
77 36.3 0.0 36.4

79 33.3 0.0 33.4



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





#17

2-Methylphenol

Concen: 40.08 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086755.D

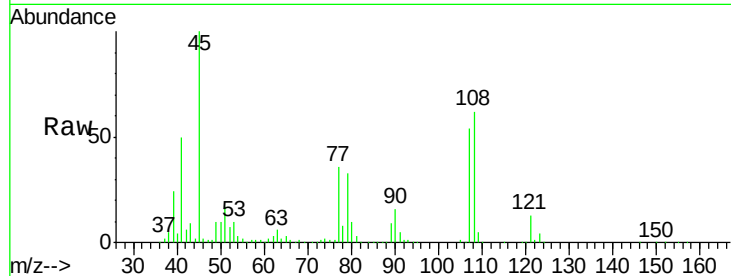
Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS



Tgt Ion:107 Resp: 387155

Ion Ratio Lower Upper

107 100

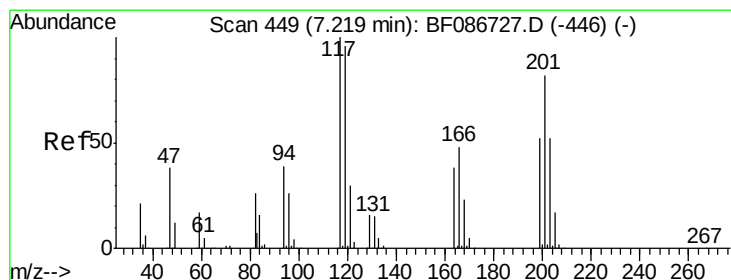
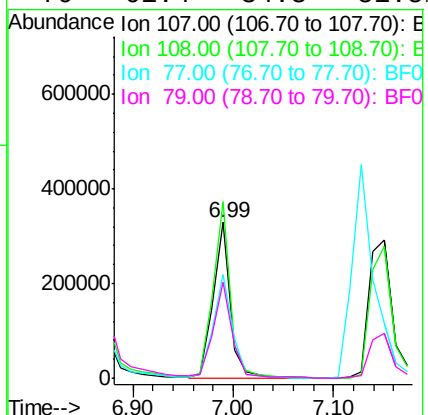
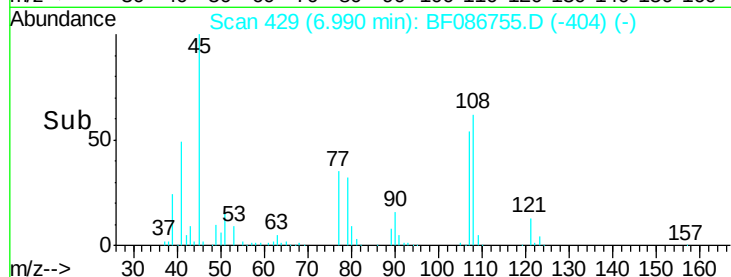
108 113.7 93.7 140.5

77 66.9 33.4 50.0#

79 61.4 34.3 51.5#

Manual Integrations
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#18

Hexachloroethane

Concen: 38.63 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

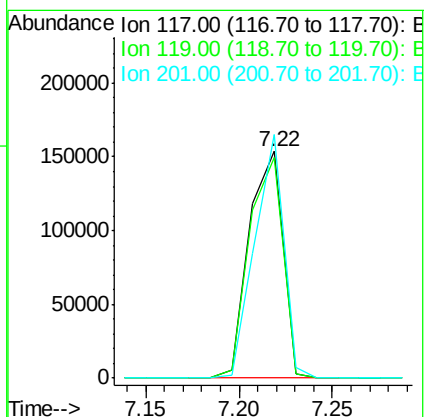
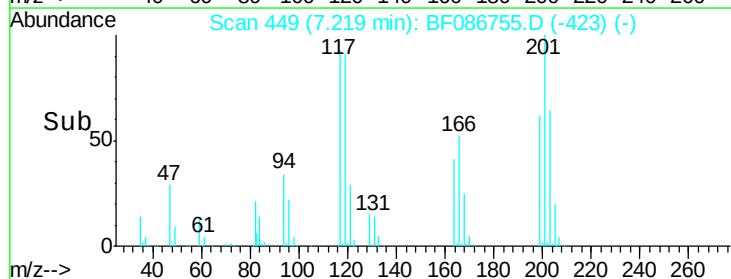
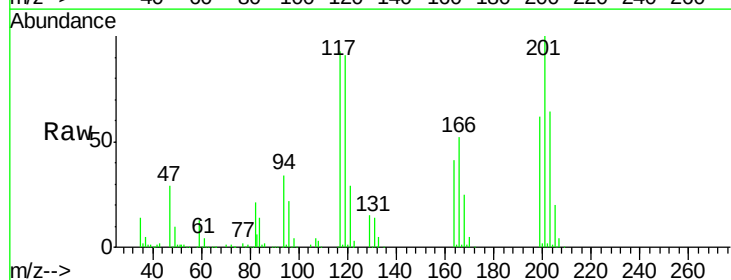
Tgt Ion:117 Resp: 192085

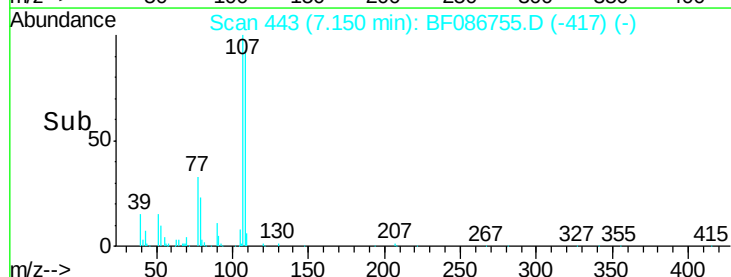
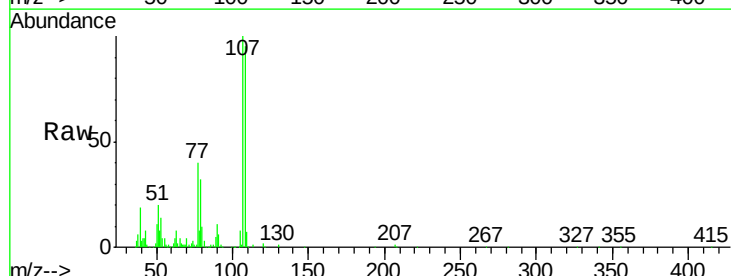
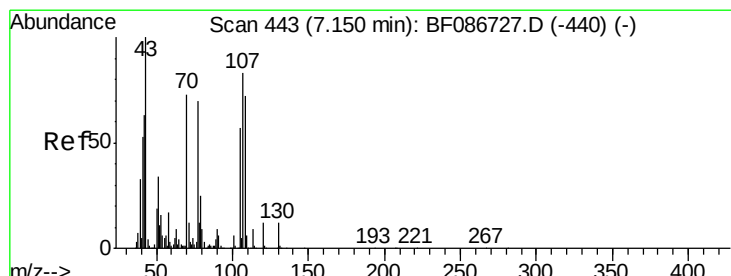
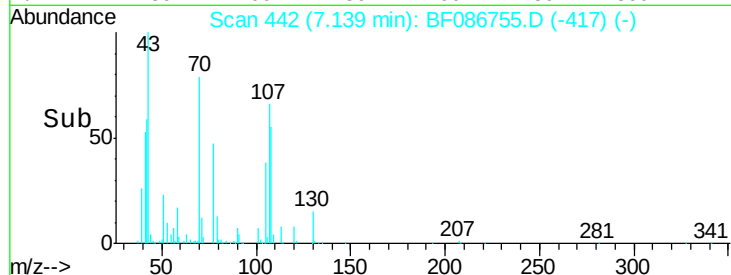
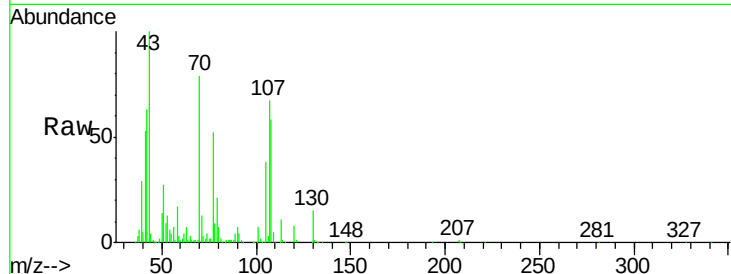
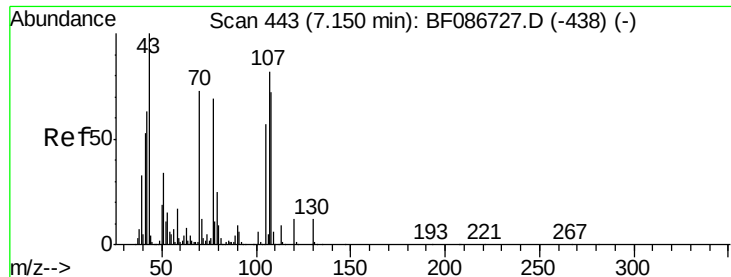
Ion Ratio Lower Upper

117 100

119 97.3 76.5 114.7

201 107.5 63.0 94.6#

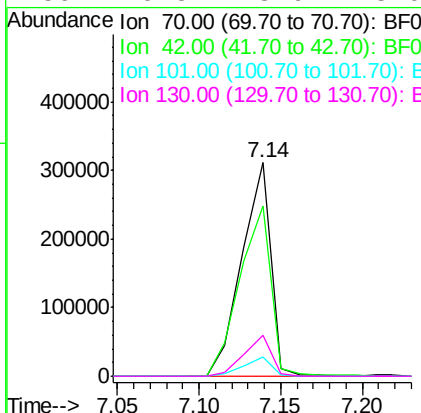




#19
n-Nitroso-di-n-propylamine
Concen: 41.74 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :
PB90362BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	79.7	43.1	64.7#
101	9.2	8.1	12.1
130	19.3	18.6	28.0

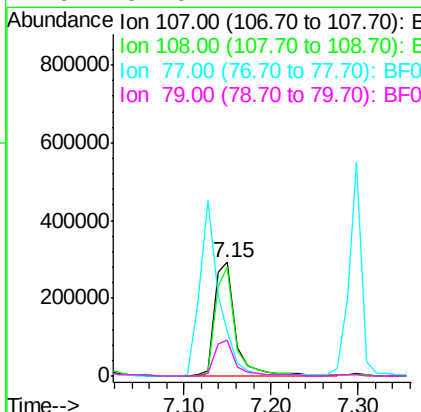


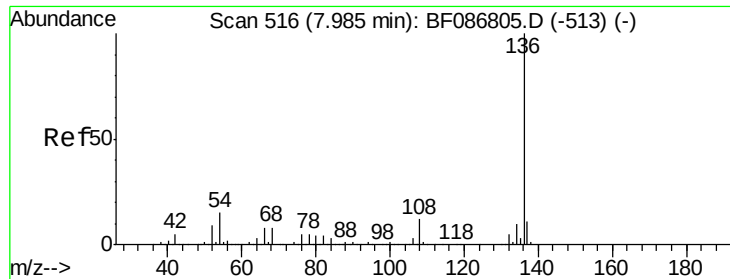
Manual Integrations
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#20
3+4-Methylphenols
Concen: 43.31 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	95.3	68.5	108.5
77	39.9	101.6	141.6#
79	32.0	7.4	47.4





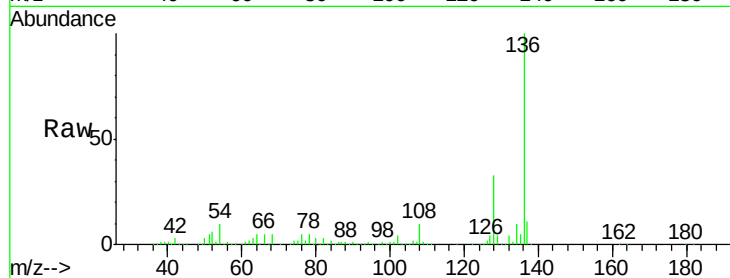
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :
PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	678103		
137	10.7	8.8	13.2	
54	9.6	5.0	7.4	
68	5.5	4.4	6.6	

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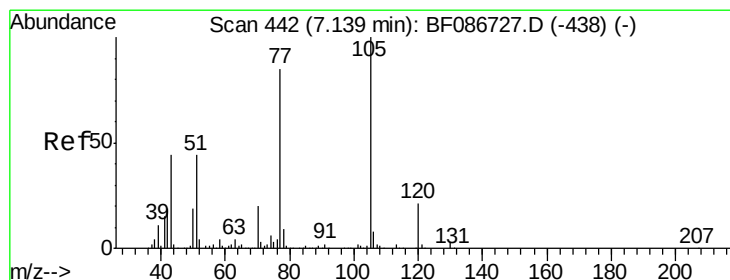
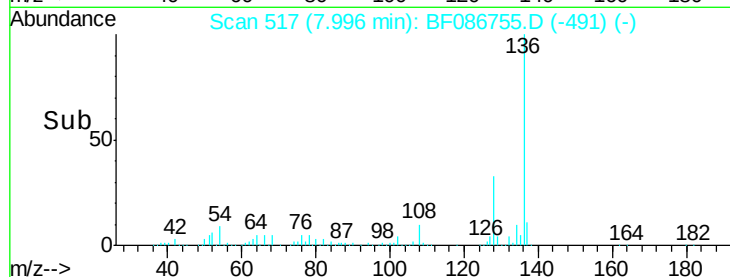
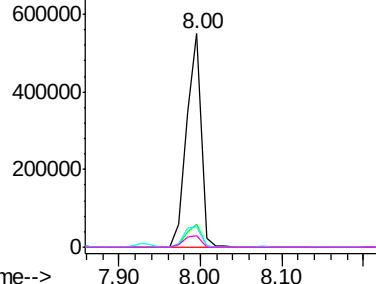
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 41.23 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	651488		
71	5.6	4.8	7.2	
51	41.6	32.6	49.0	
120	20.8	16.5	24.7	

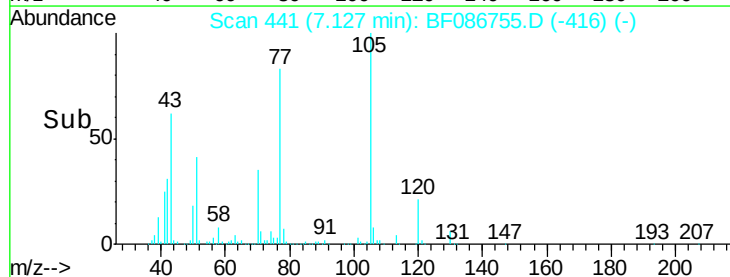
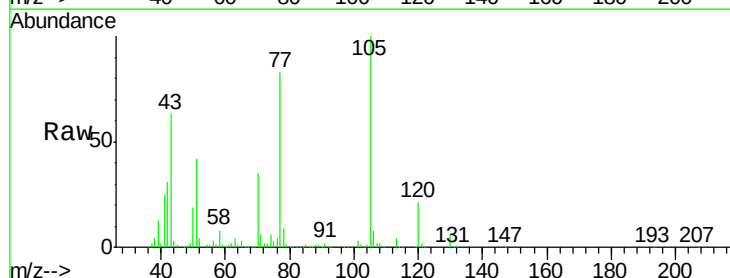
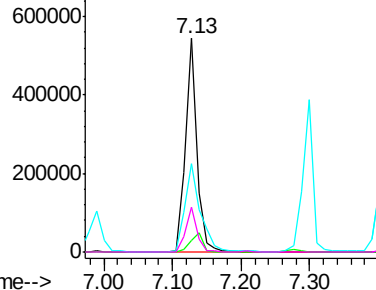
Abundance

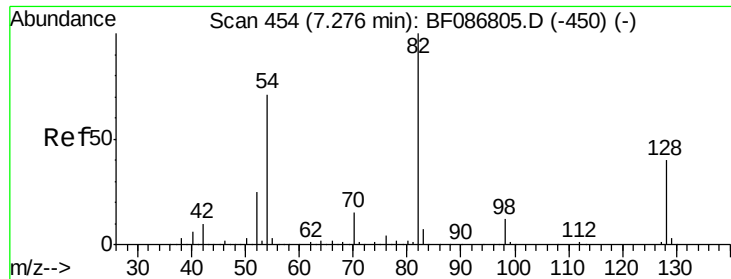
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





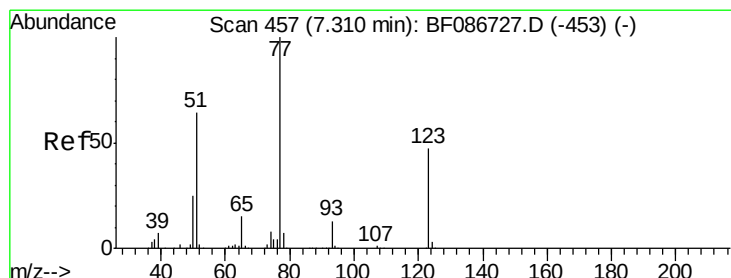
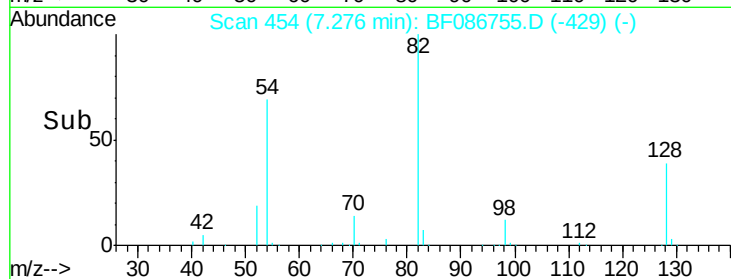
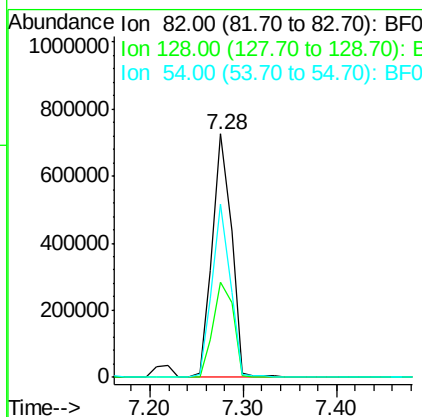
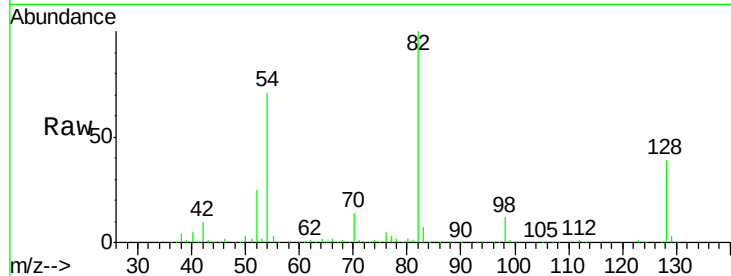
#23
 Nitrobenzene-d5
 Concen: 79.31 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS

Tgt Ion: 82 Resp: 1046573
 Ion Ratio Lower Upper
 82 100
 128 38.8 40.6 61.0#
 54 71.2 38.1 57.1#

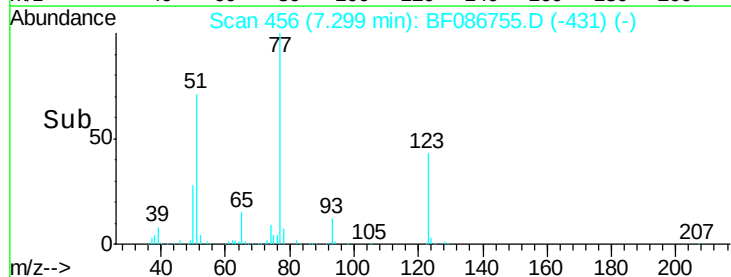
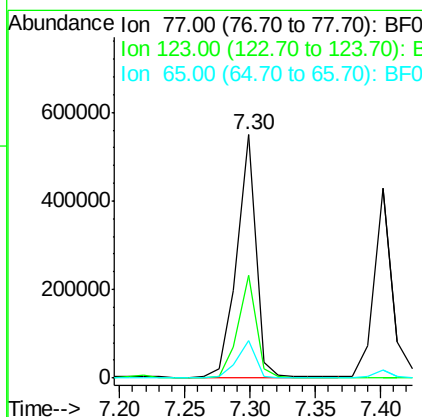
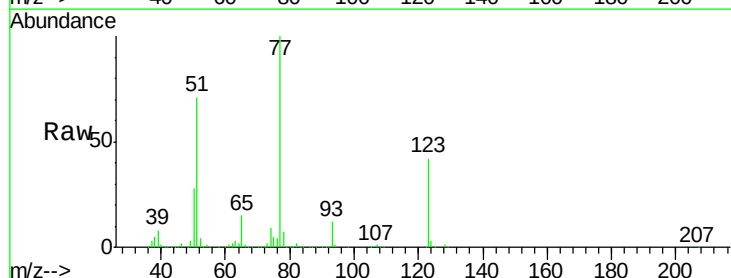
Manual Integrations
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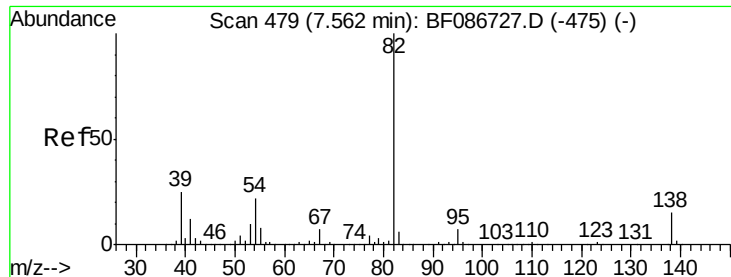
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#24
 Nitrobenzene
 Concen: 40.55 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion: 77 Resp: 553199
 Ion Ratio Lower Upper
 77 100
 123 42.3 33.0 49.4
 65 15.2 10.8 16.2





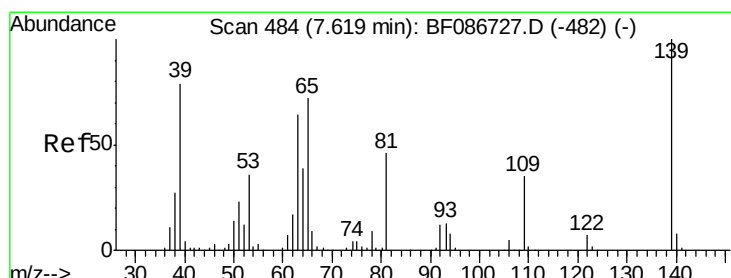
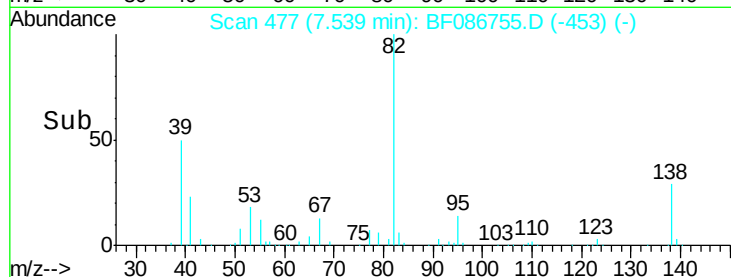
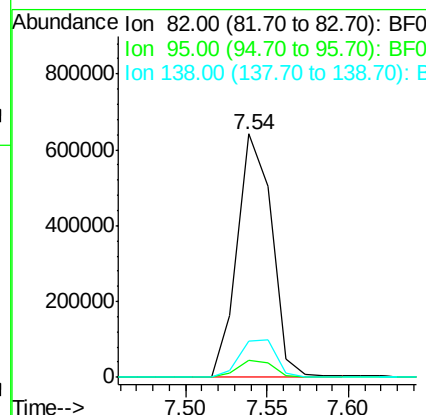
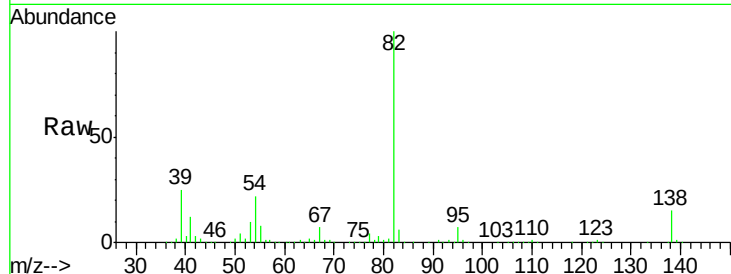
#25
Isophorone
Concen: 38.29 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :
PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	940841		
95	7.0	5.1	7.7	
138	14.8	12.4	18.6	

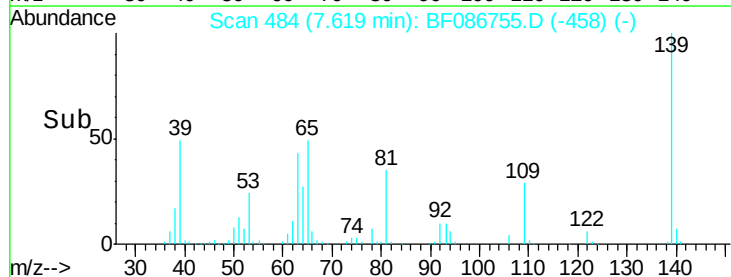
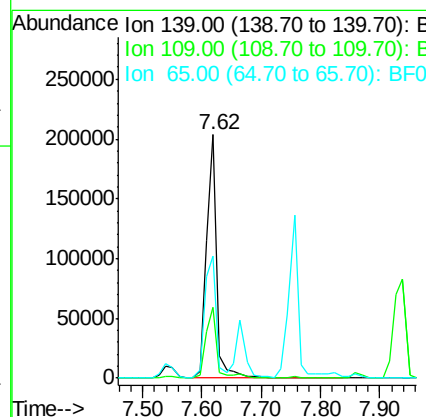
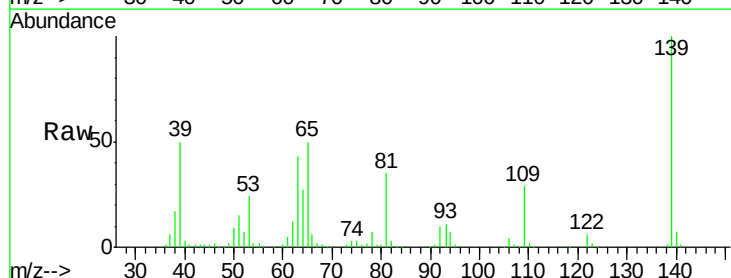
Manual Integrations
APPROVED

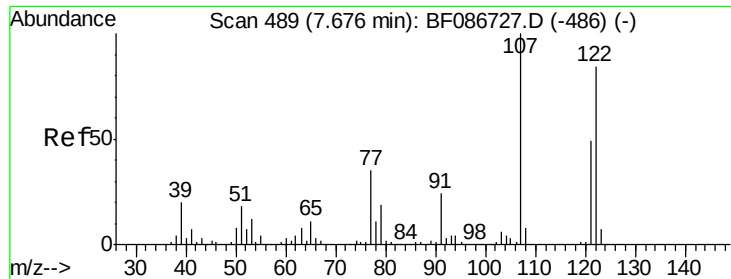
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#26
2-Nitrophenol
Concen: 41.53 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	252774		
109	29.2	19.5	29.3	
65	50.0	37.5	56.3	





#27

2,4-Dimethylphenol

Concen: 38.51 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

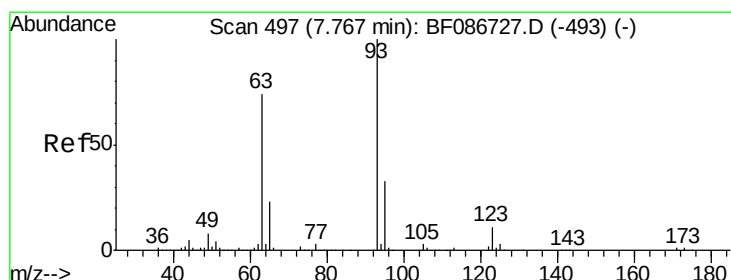
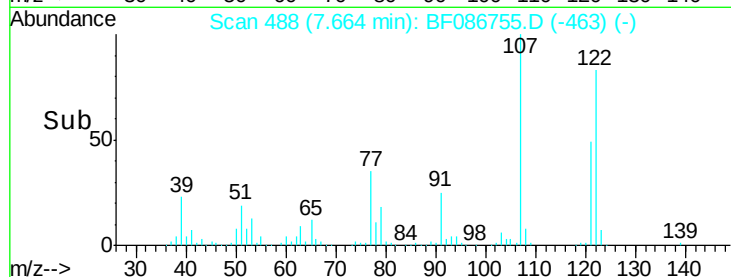
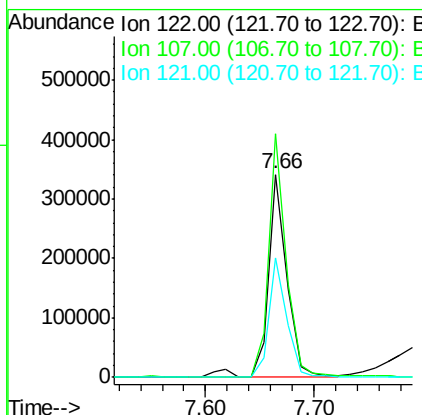
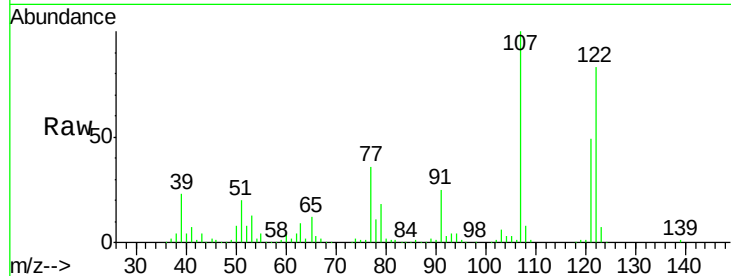
ClientSampleId :

PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	411641		
107	120.1	82.0	123.0	
121	59.1	46.1	69.1	

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#28

bis(2-Chloroethoxy)methane

Concen: 43.62 ng

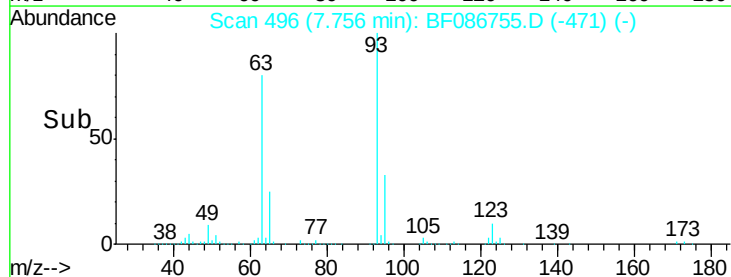
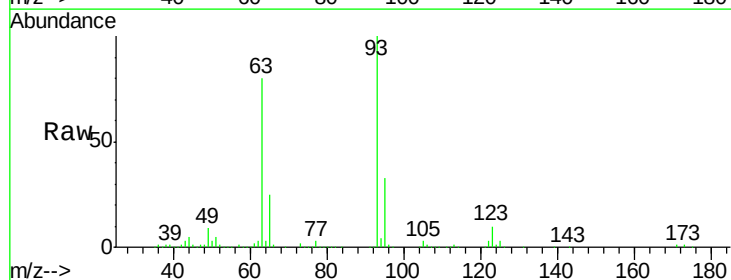
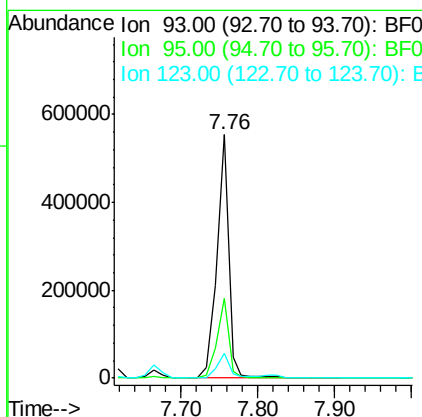
RT: 7.76 min Scan# 496

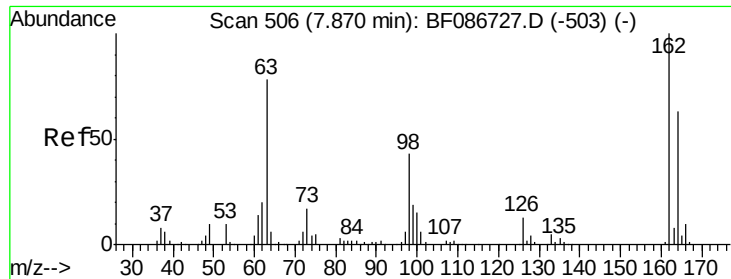
Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	590028		
95	32.8	26.0	39.0	
123	10.2	9.5	14.3	





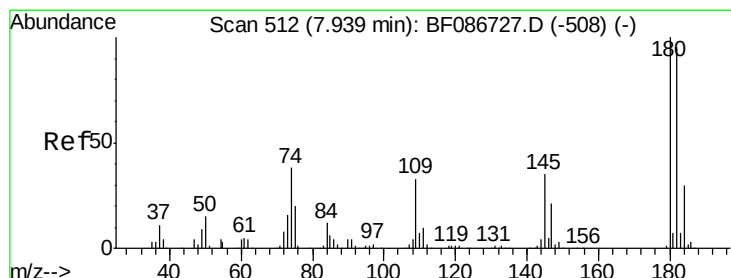
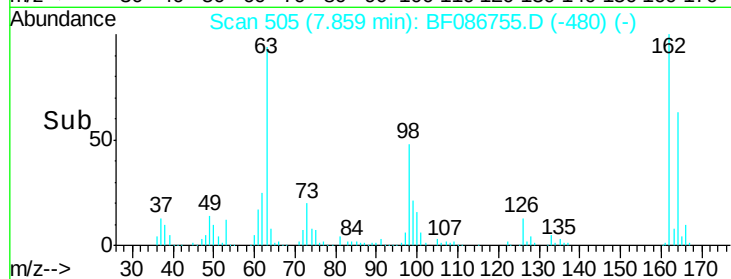
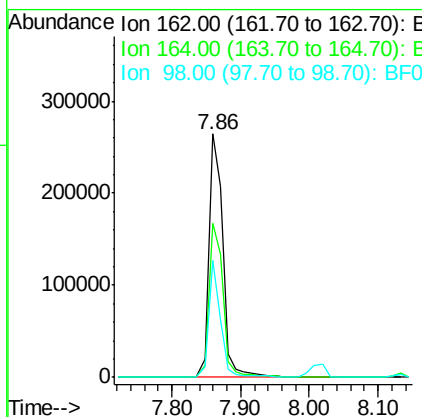
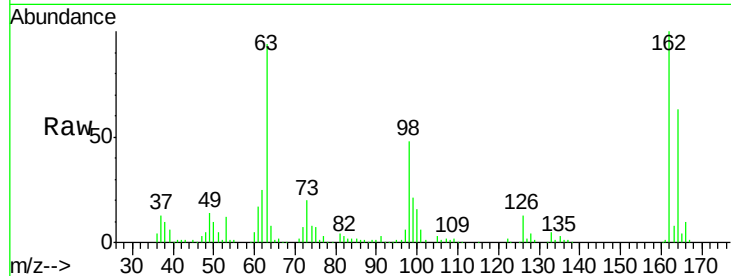
#29
 2,4-Dichlorophenol
 Concen: 40.90 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampled :
 PB90362BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	42.2	82.2
98	47.8	19.0	59.0

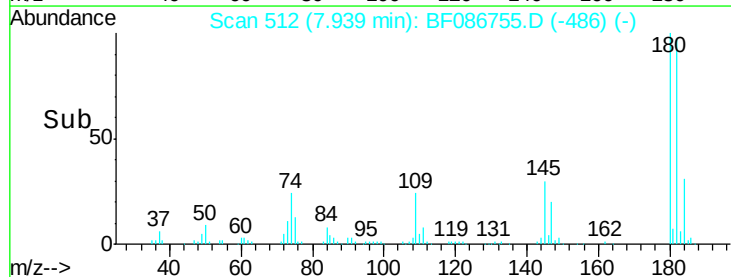
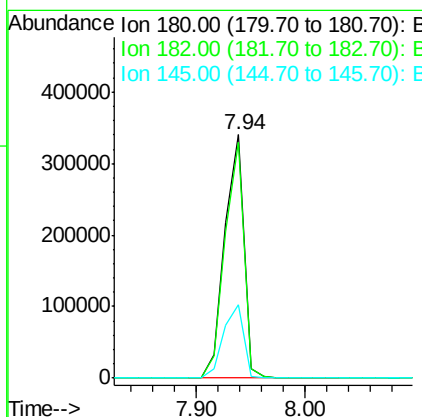
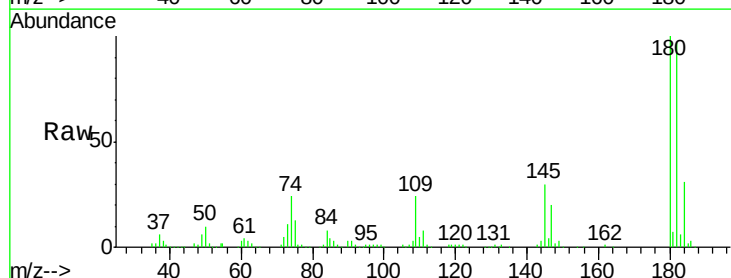
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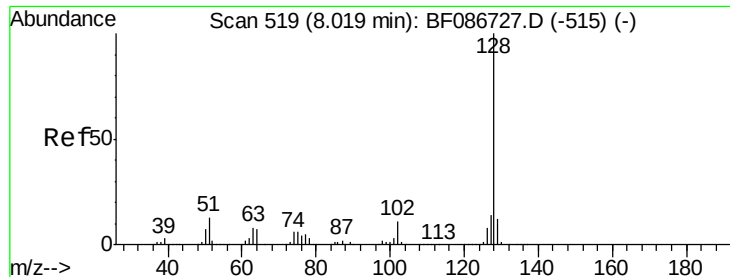
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.76 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	78.0	117.0
145	30.3	24.2	36.2





#31

Naphthalene

Concen: 39.04 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS

Tgt Ion:128 Resp: 1352425

Ion Ratio Lower Upper

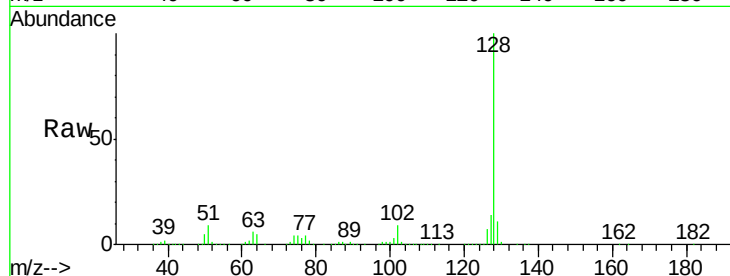
128 100

129 11.2 8.6 13.0

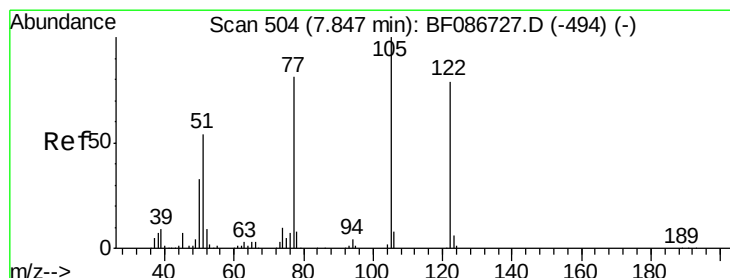
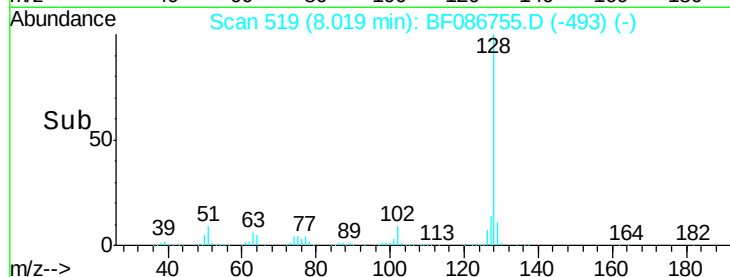
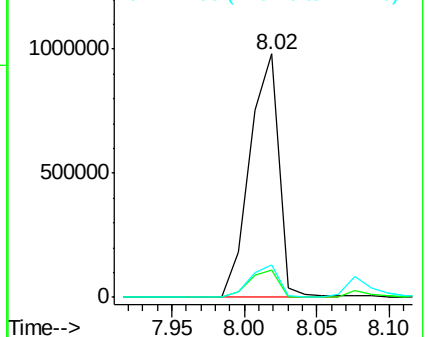
127 13.6 10.8 16.2

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



#32

Benzoic acid

Concen: 60.41 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

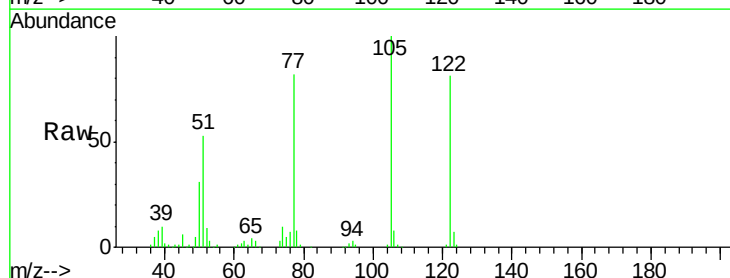
Tgt Ion:122 Resp: 262892

Ion Ratio Lower Upper

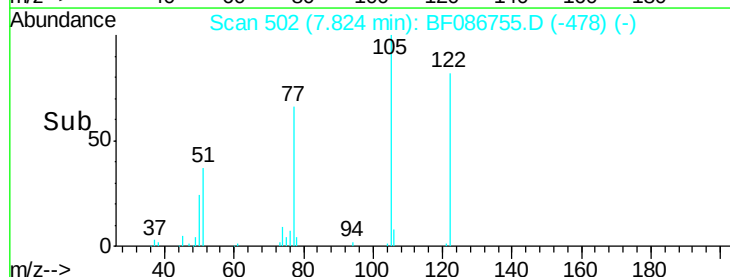
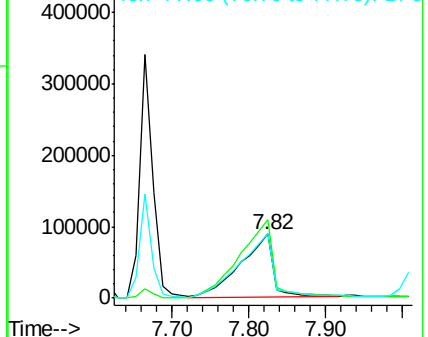
122 100

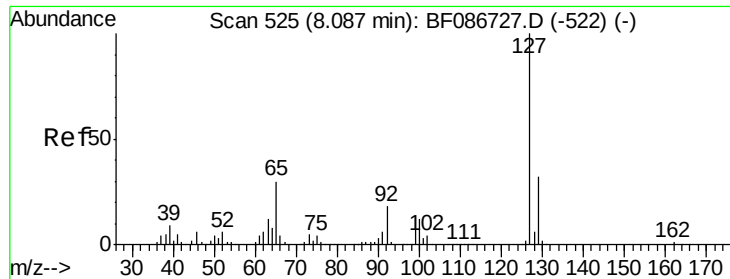
105 123.2 92.6 132.6

77 100.7 60.0 100.0#



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





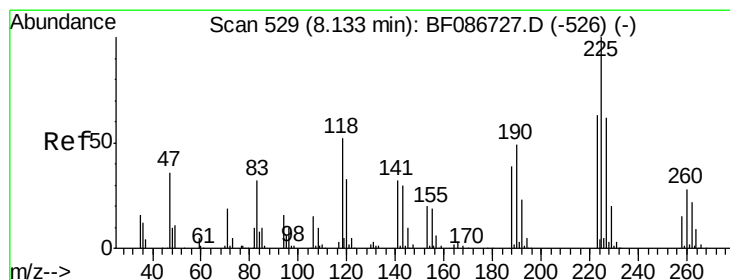
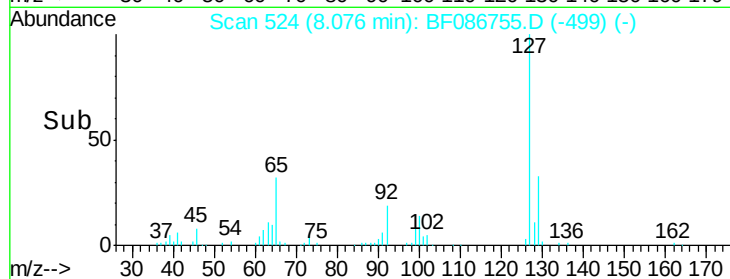
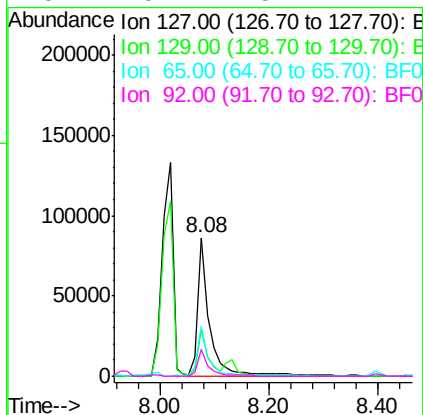
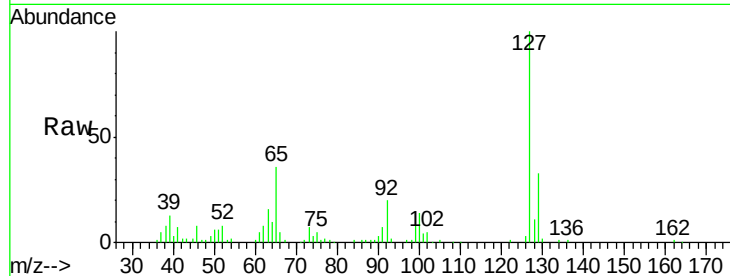
#33
4-Chloroaniline
Concen: 9.64 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :
PB90362BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.3	26.2	39.4
65	36.3	23.0	34.4
92	19.7	15.1	22.7

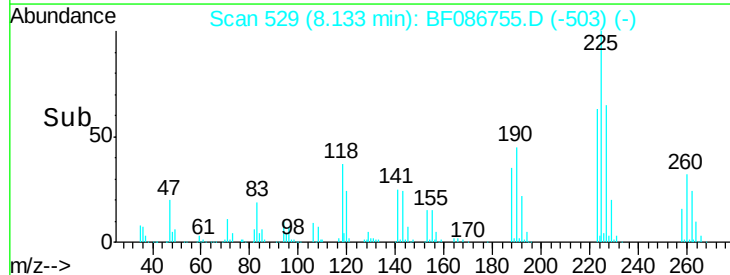
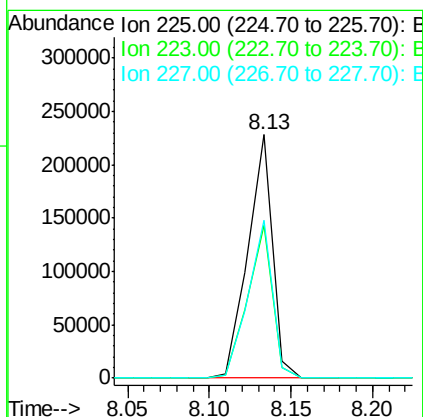
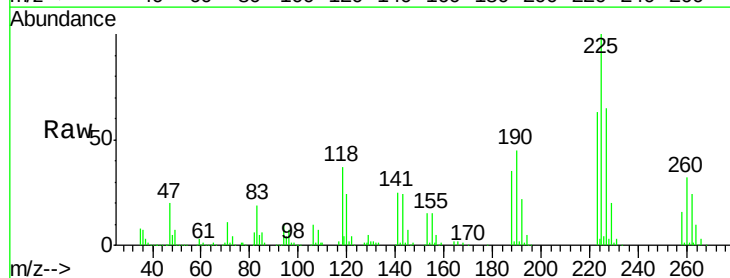
Manual Integrations
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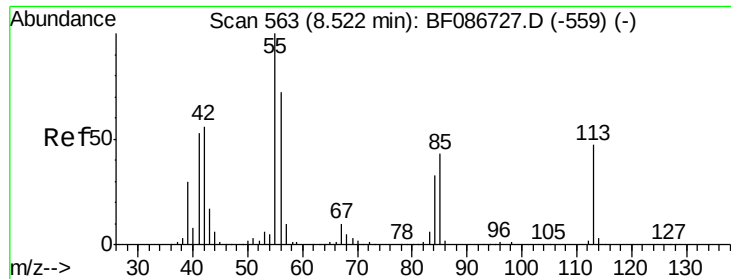
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#34
Hexachlorobutadiene
Concen: 40.92 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.9	51.5	77.3
227	65.0	52.2	78.2





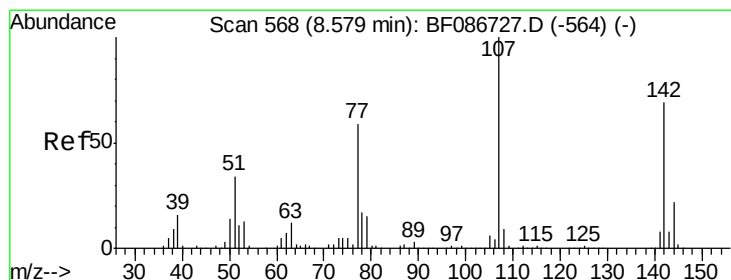
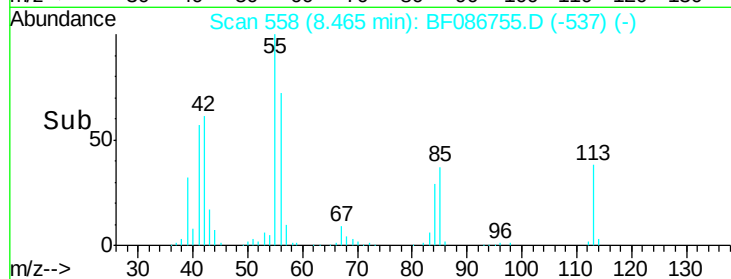
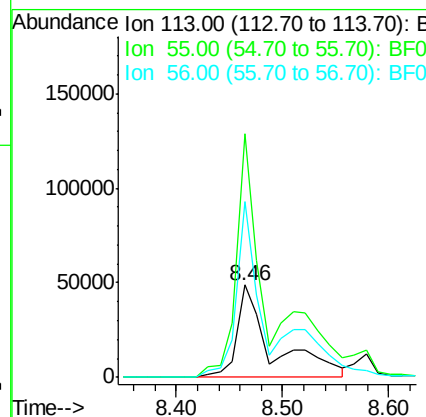
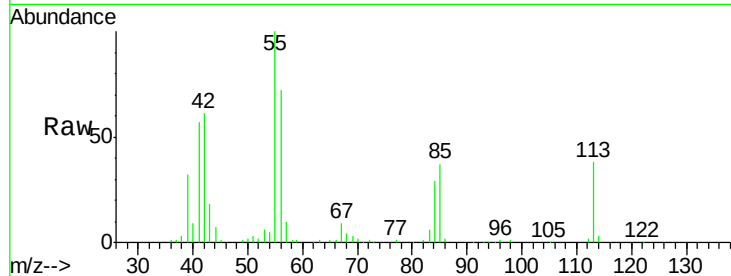
#35
 Caprolactam
 Concen: 39.65 ng m
 RT: 8.46 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	112791		
55	264.7	162.0	202.0#	
56	190.9	115.3	155.3#	

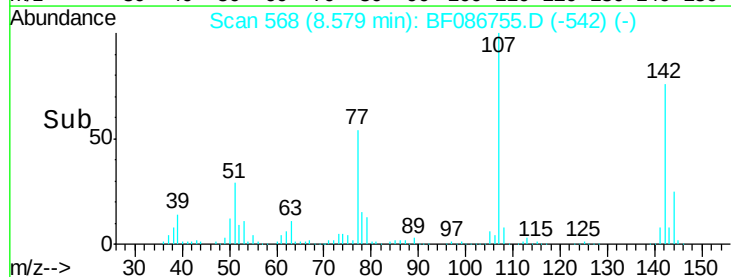
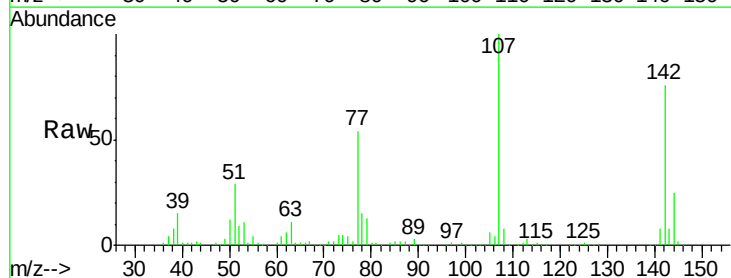
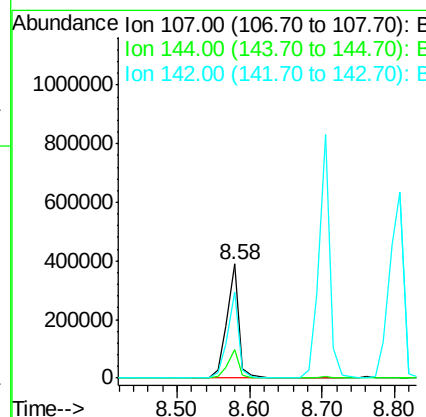
Manual Integrations
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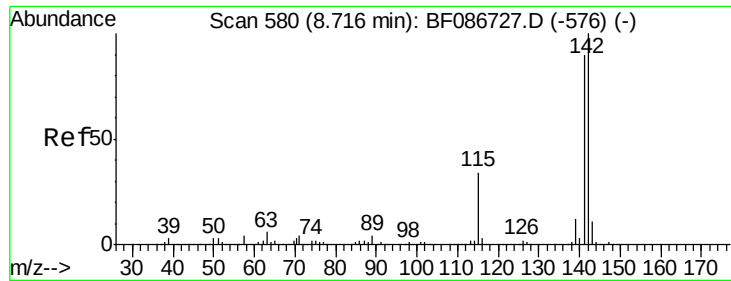
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#36
 4-Chloro-3-methylphenol
 Concen: 42.82 ng
 RT: 8.58 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	448920		
144	24.8	20.7	31.1	
142	75.7	63.2	94.8	





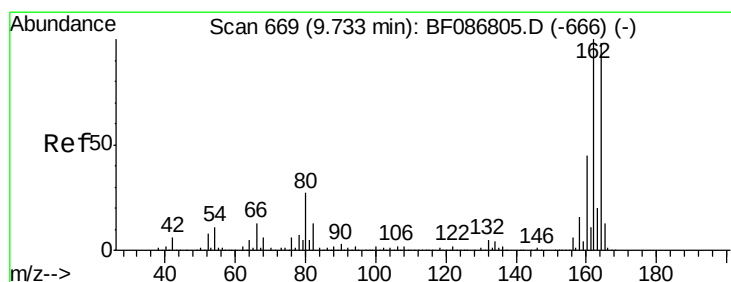
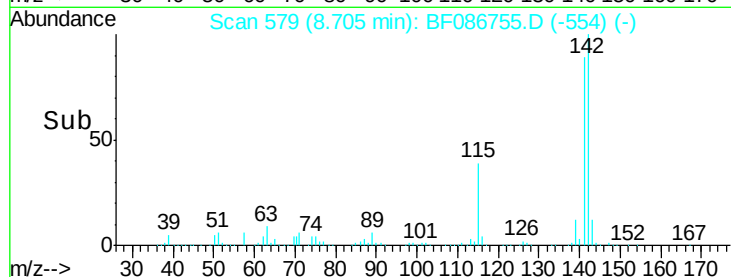
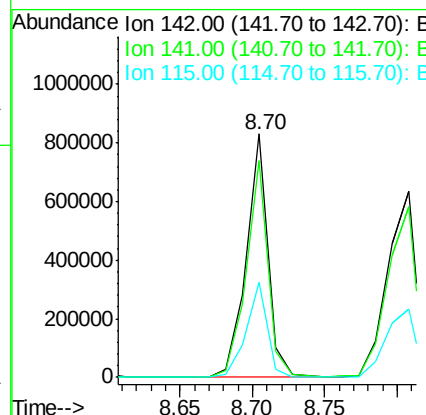
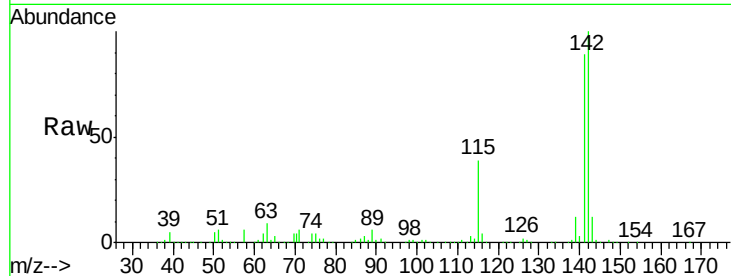
#37
2-Methylnaphthalene
Concen: 42.27 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :
PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	863962		
141	89.1	71.0	106.6	
115	39.0	26.6	39.8	

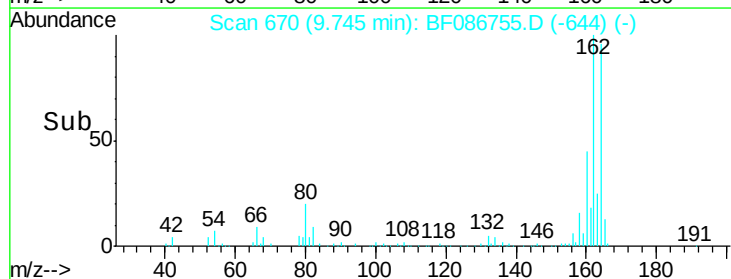
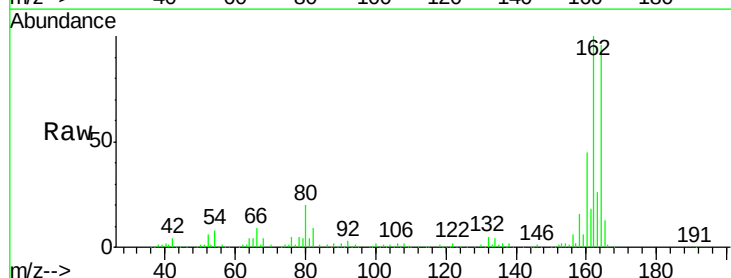
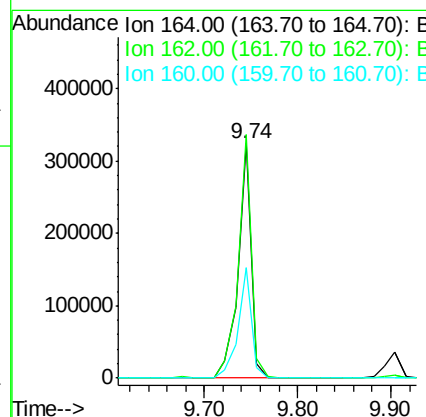
Manual Integrations
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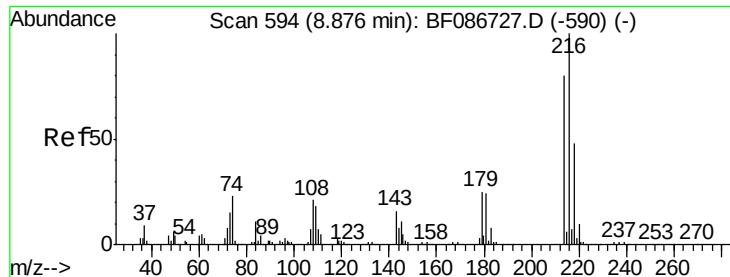
Sohil
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	322707		
162	103.8	82.8	124.2	
160	46.9	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.52 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF086755.D

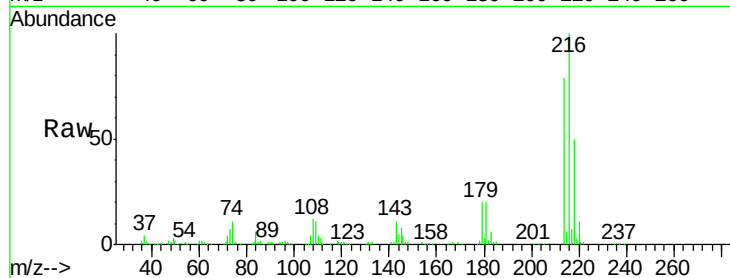
Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

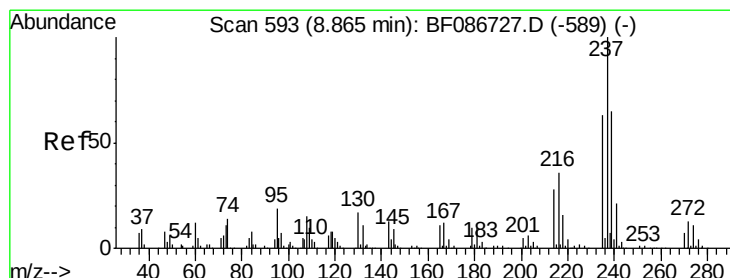
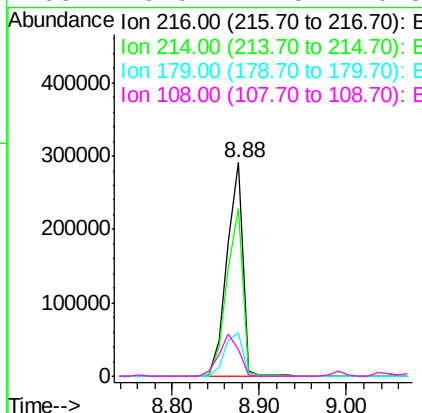
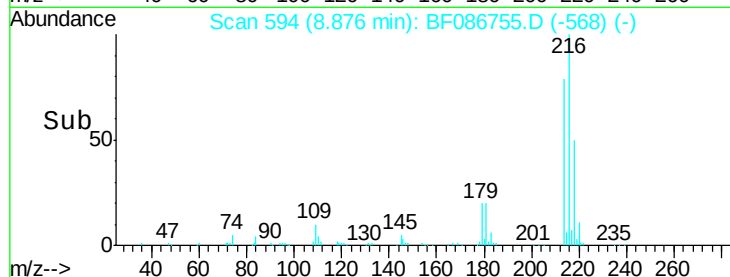
PB90362BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	369121		
214	79.3	62.6	93.8	
179	22.9	18.2	27.4	
108	25.0	17.5	26.3	

Manual Integrations
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#40

Hexachlorocyclopentadiene

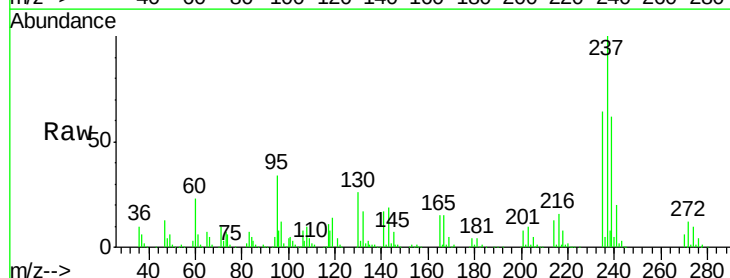
Concen: 97.35 ng

RT: 8.85 min Scan# 592

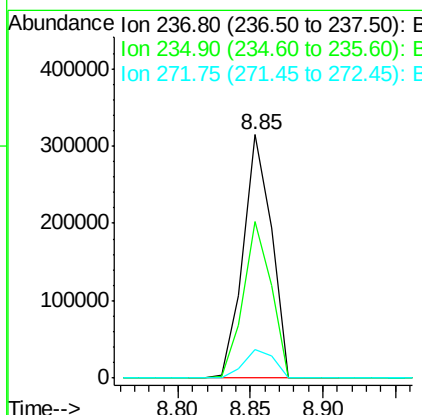
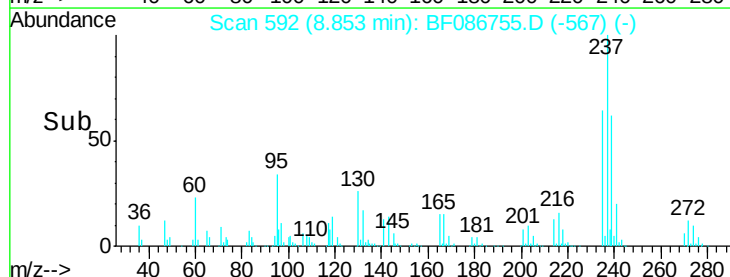
Delta R.T. -0.01 min

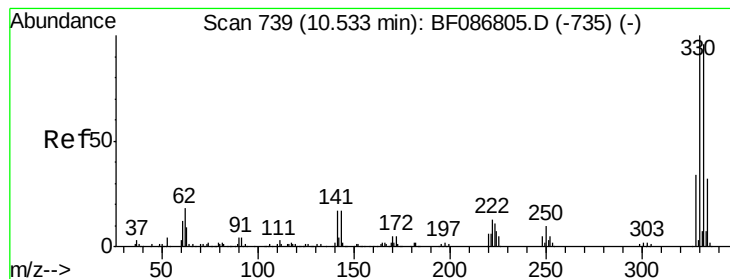
Lab File: BF086755.D

Acq: 7 May 2016 6:08



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	425325		
235	64.1	47.2	87.2	
272	12.0	0.0	31.1	





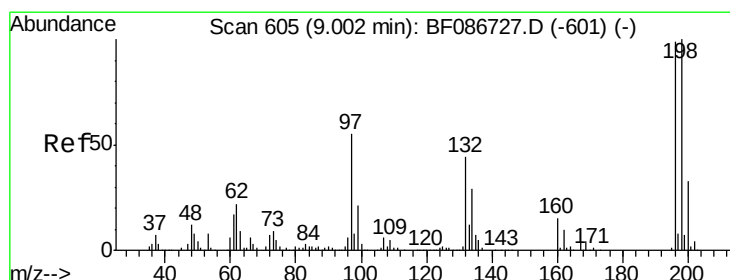
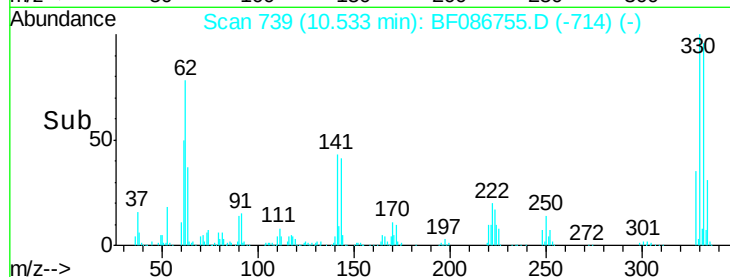
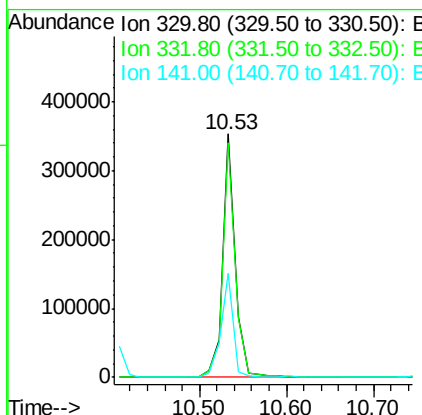
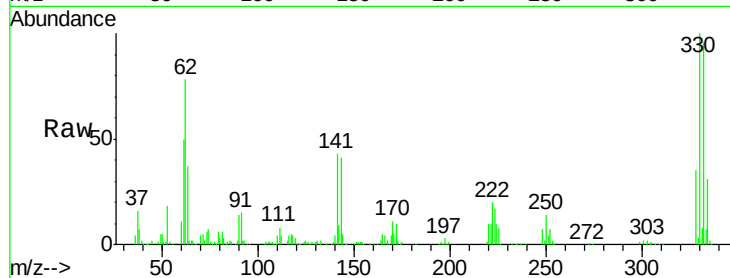
#41
 2,4,6-Tribromophenol
 Concen: 114.47 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	361350		
332	96.5	79.0	118.4	
141	42.1	31.2	46.8	

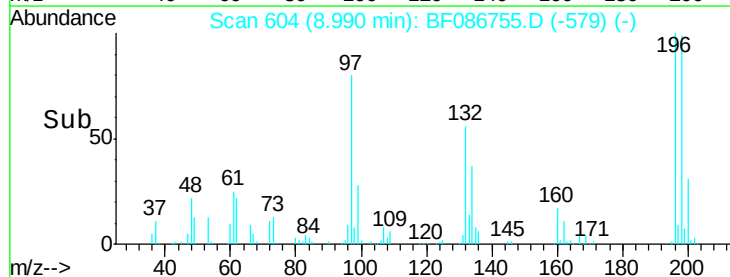
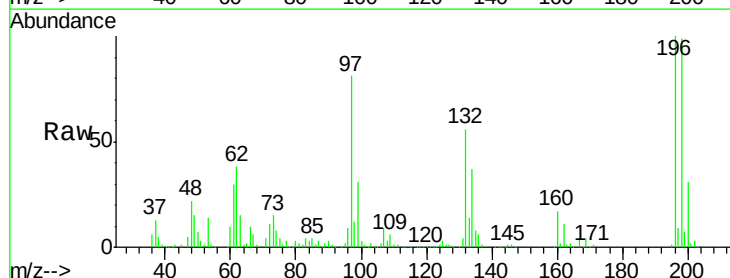
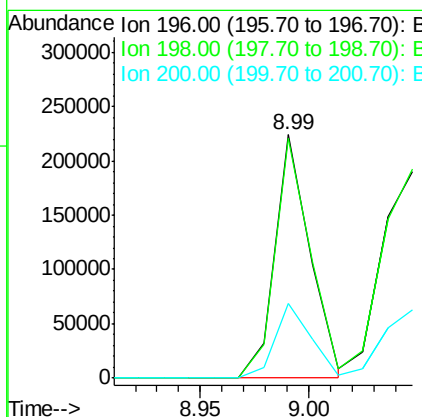
Manual Integrations
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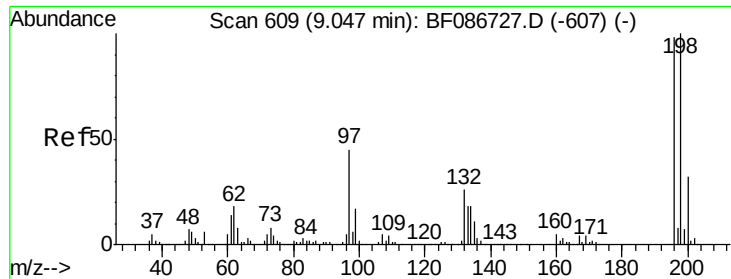
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#42
 2,4,6-Trichlorophenol
 Concen: 42.65 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

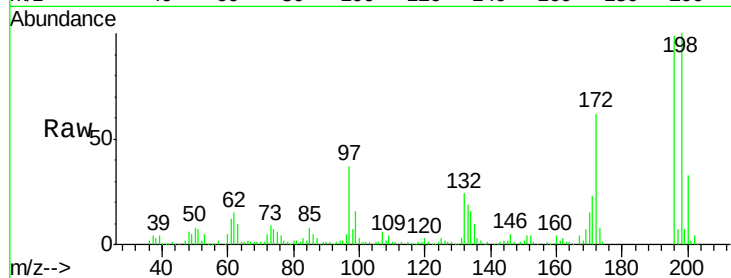
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253321		
198	98.7	74.7	112.1	
200	30.8	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 42.50 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

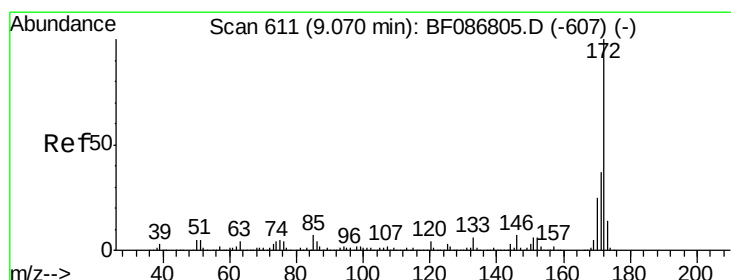
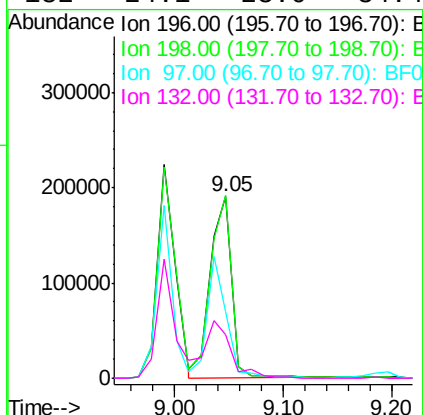
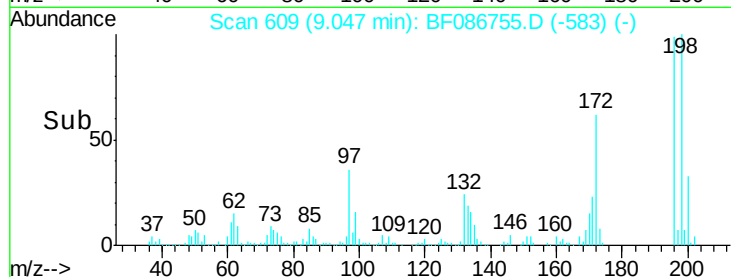
Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS



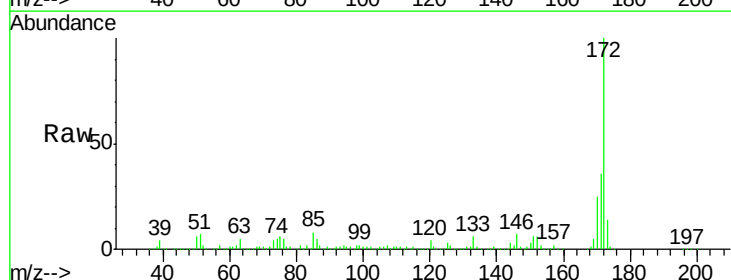
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263704		
198	101.2	77.5	116.3	
97	37.0	34.8	52.2	
132	24.1	23.0	34.4	

Manual Integrations
 APPROVED

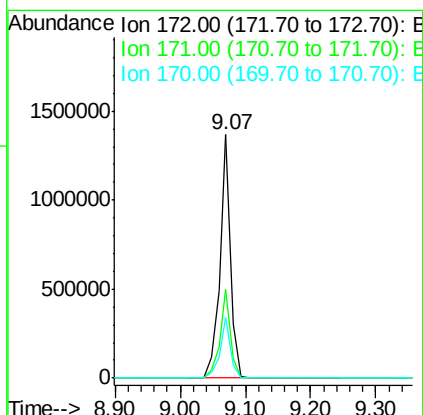
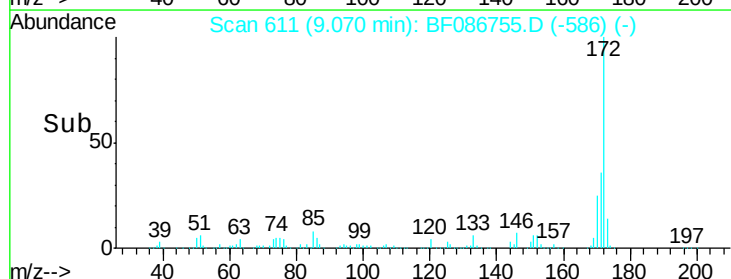
Sohil
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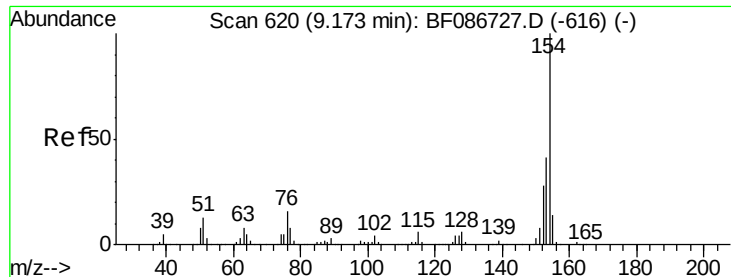


#44
 2-Fluorobiphenyl
 Concen: 80.45 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1583867		
171	36.5	29.0	43.6	
170	24.6	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 42.99 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS

Tgt Ion:154 Resp: 1134209

Ion Ratio Lower Upper

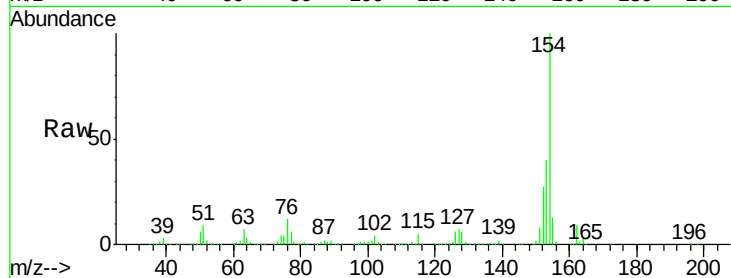
154 100

153 40.4 20.3 60.3

76 12.0 0.0 30.2

Manual Integrations
APPROVED

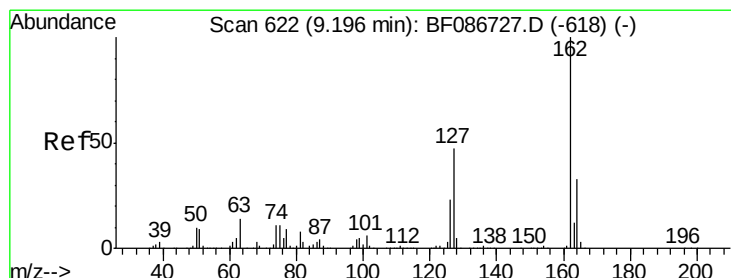
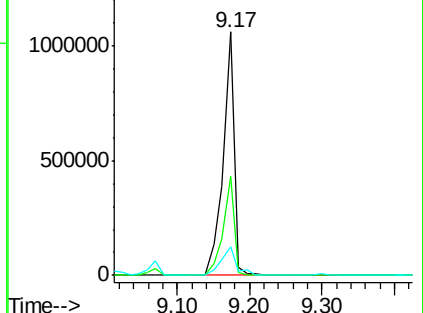
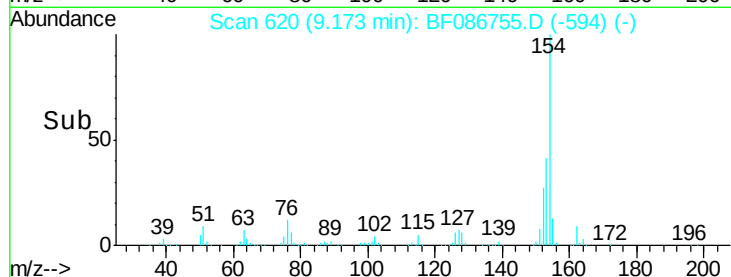
Sohil
5/9/2016 7:17:29 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.09 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

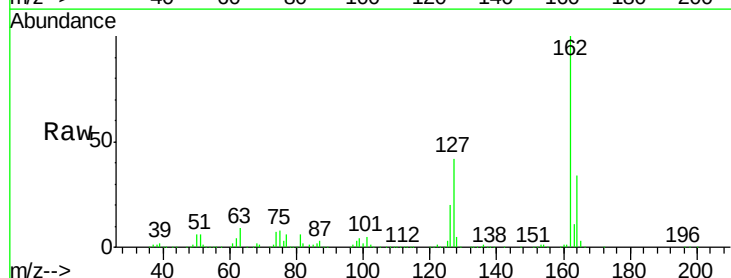
Tgt Ion:162 Resp: 836551

Ion Ratio Lower Upper

162 100

127 41.6 31.8 47.6

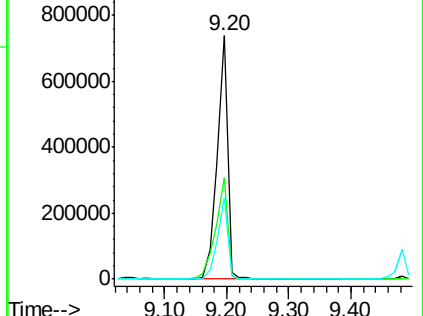
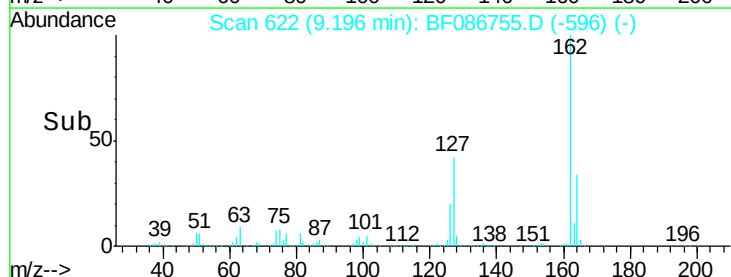
164 33.5 27.0 40.6

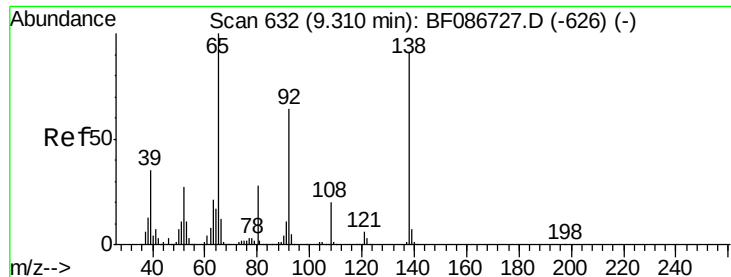


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.12 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS

Tgt Ion: 65 Resp: 275940

Ion Ratio Lower Upper

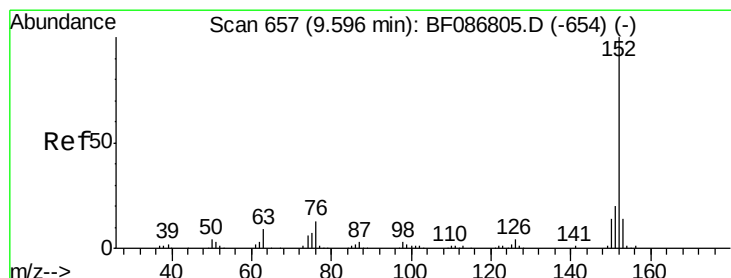
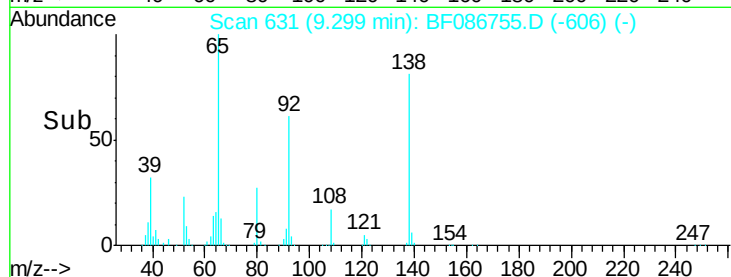
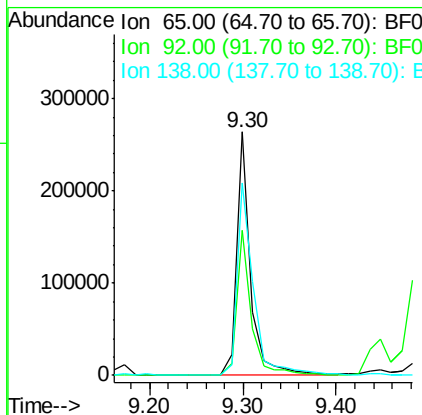
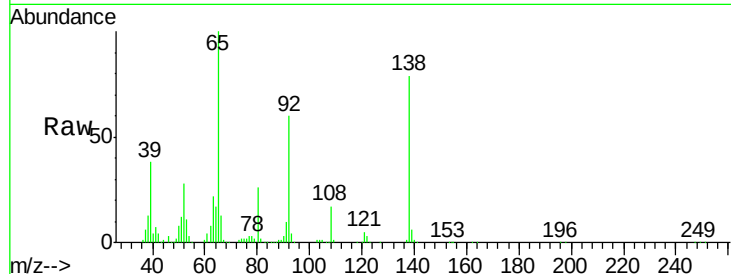
65 100

92 59.7 57.4 86.2

138 79.0 90.1 135.1#

Manual Integrations
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#48

Acenaphthylene

Concen: 41.66 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

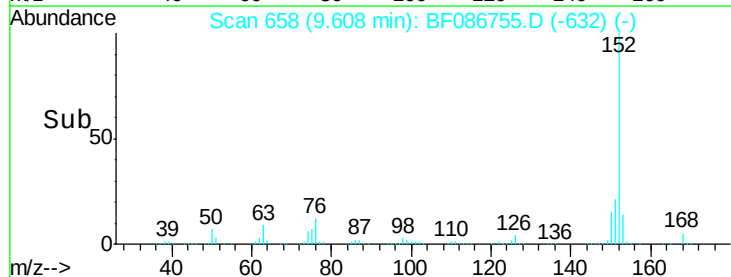
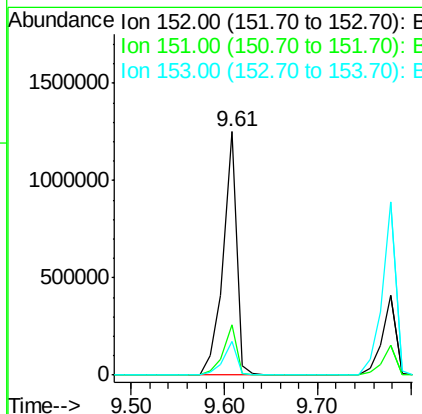
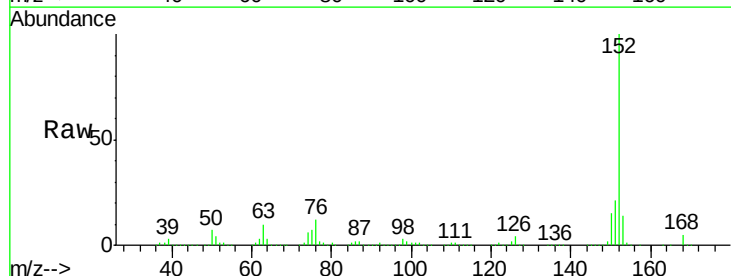
Tgt Ion: 152 Resp: 1259179

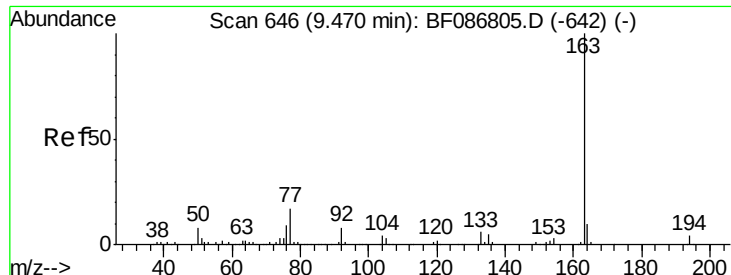
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 14.0 10.9 16.3





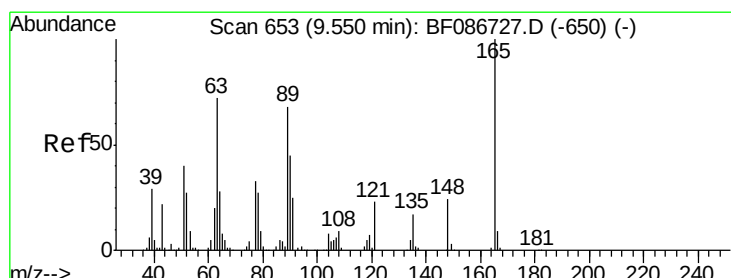
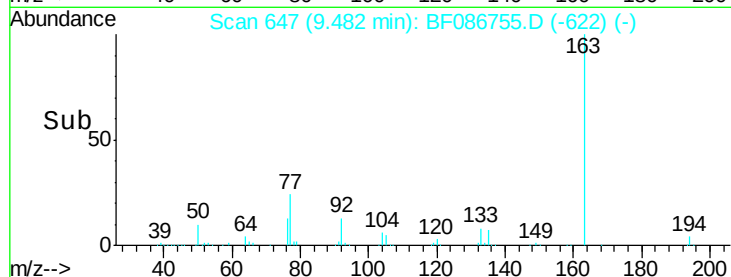
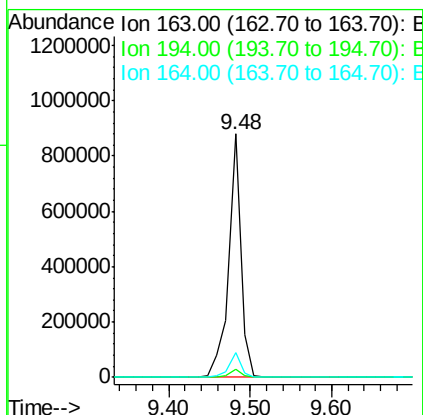
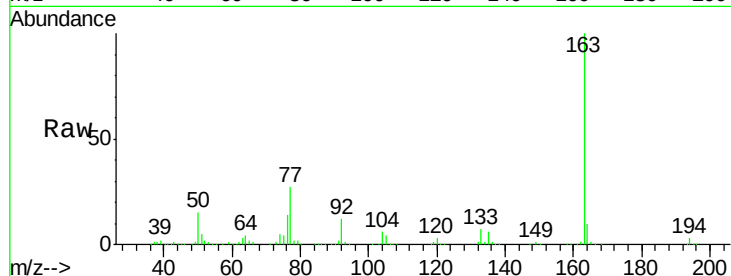
#49
Dimethylphthalate
Concen: 38.18 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampled :
PB90362BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.2	12.4

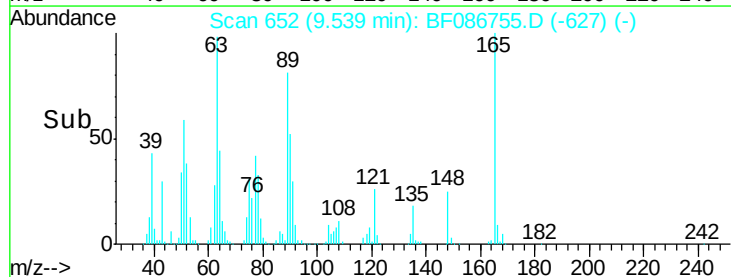
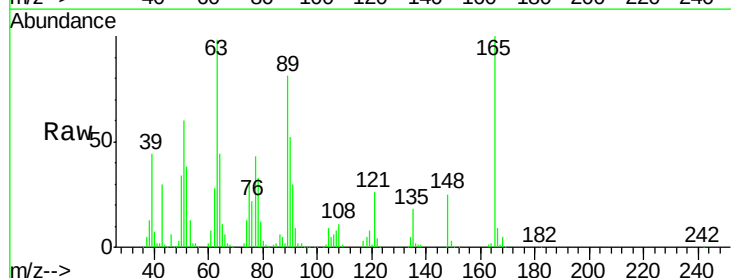
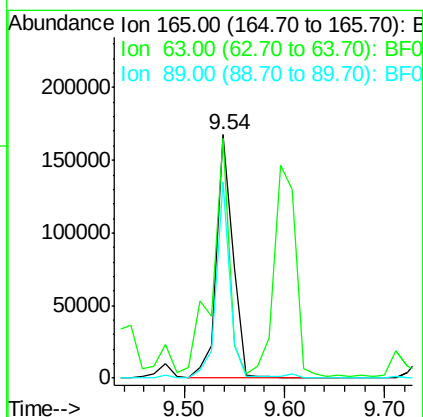
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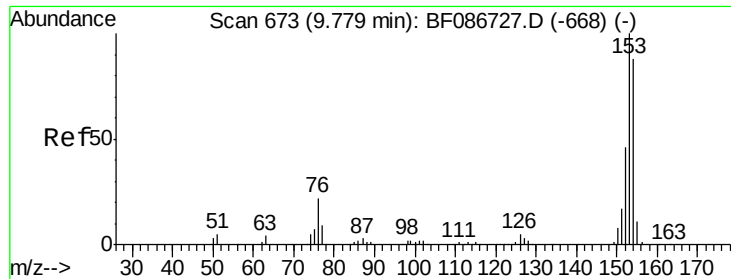
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#50
2,6-Dinitrotoluene
Concen: 37.06 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	98.4	51.8	77.8#
89	80.6	50.7	76.1#





#51

Acenaphthene

Concen: 40.19 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086755.D

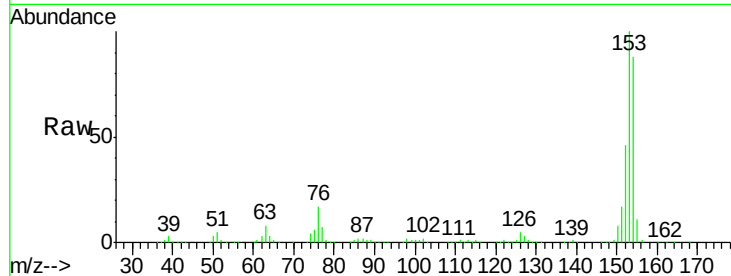
Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

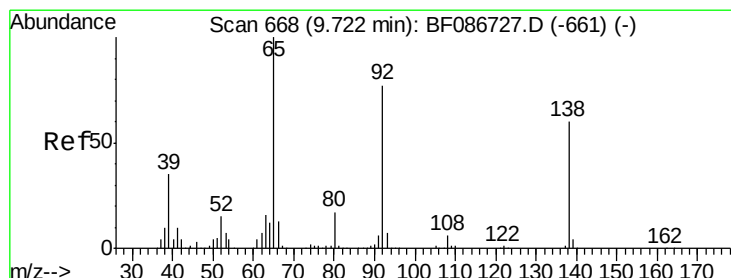
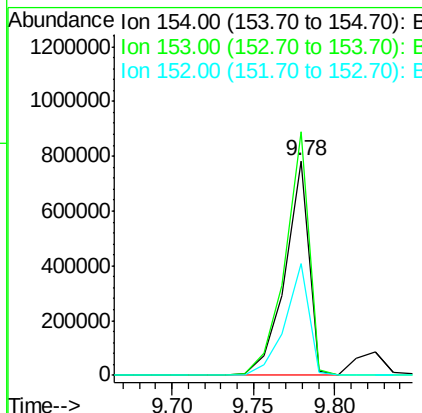
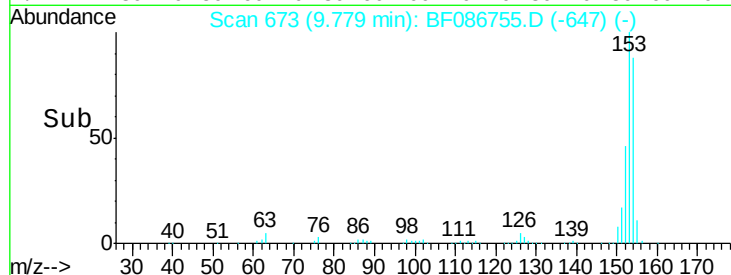
PB90362BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	801315		
153	113.6	89.8	134.6	
152	52.4	43.4	65.0	

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#52

3-Nitroaniline

Concen: 15.61 ng

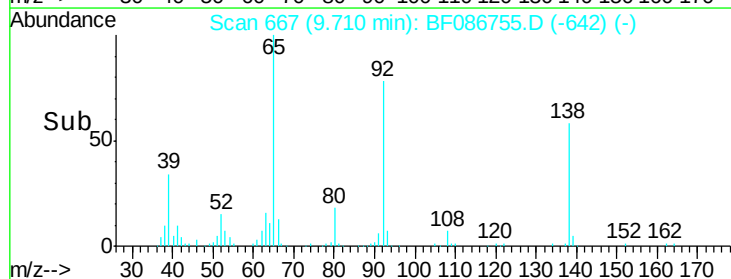
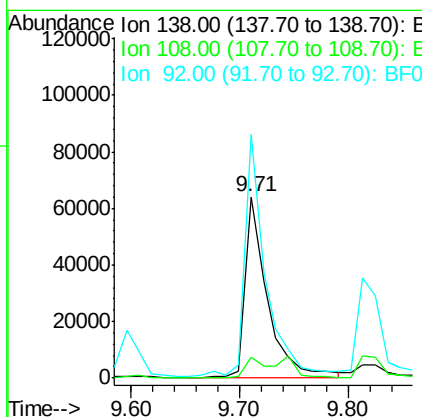
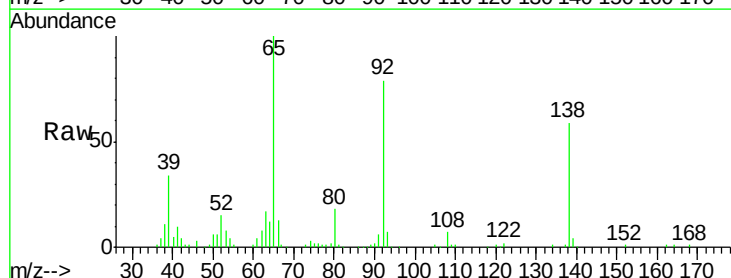
RT: 9.71 min Scan# 667

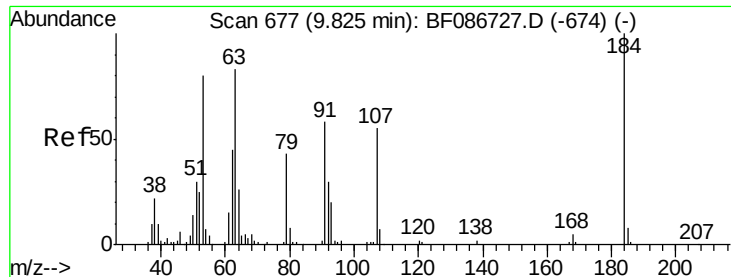
Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	91620		
108	11.8	7.8	11.6#	
92	134.6	87.8	131.8#	





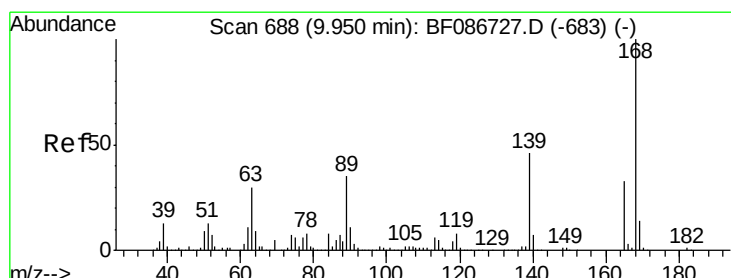
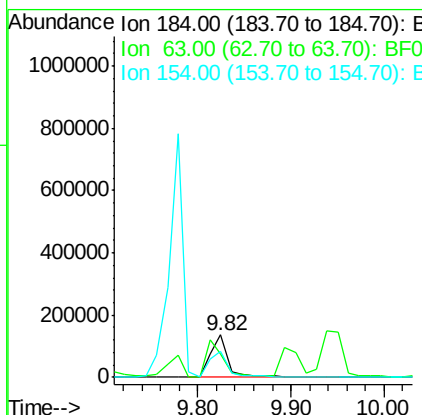
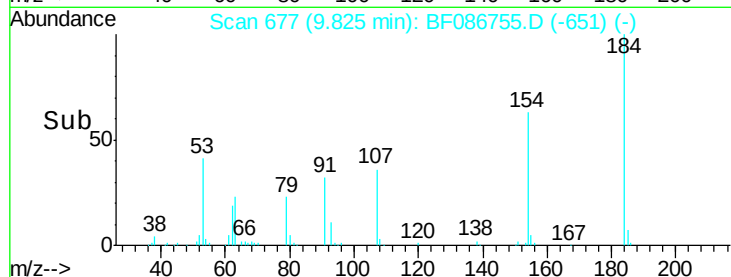
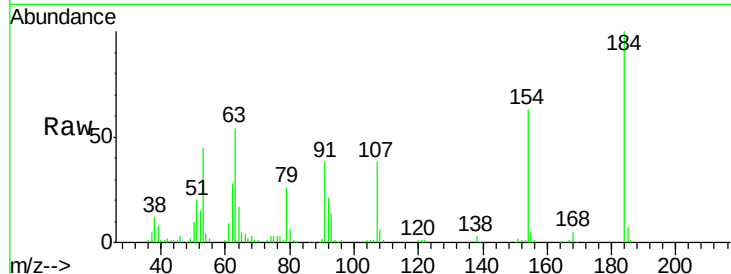
#53
2,4-Dinitrophenol
Concen: 82.62 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :
PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	178962		
63	54.2	55.8	83.8#	
154	62.5	62.4	93.6	

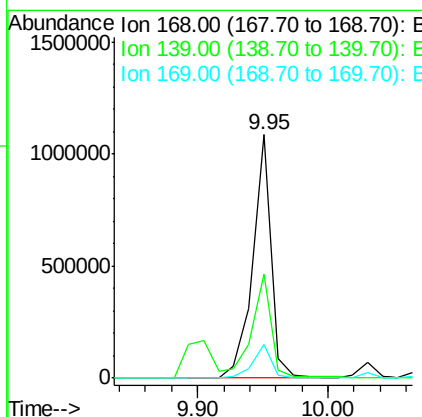
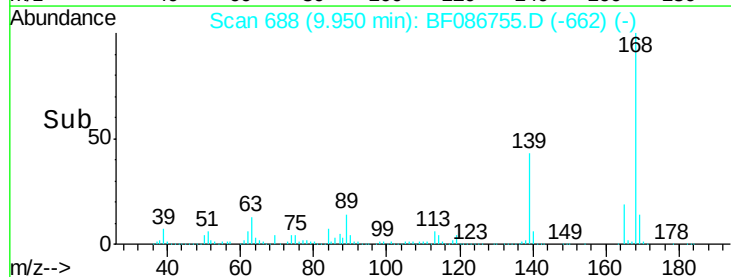
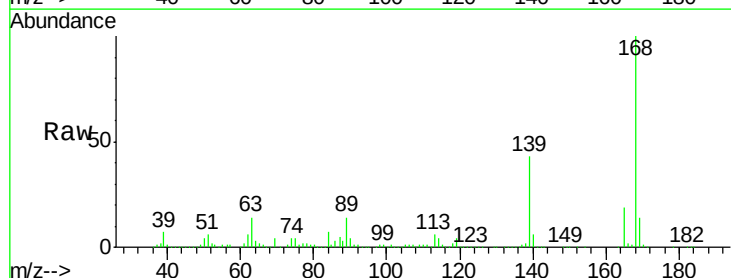
Manual Integrations
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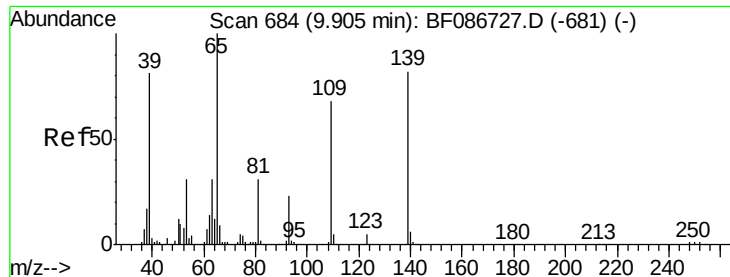
Sohil
5/9/2016 7:17:29 PM



#54
Dibenzofuran
Concen: 43.24 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1068461		
139	42.9	31.4	47.0	
169	13.7	10.7	16.1	





#55

4-Nitrophenol

Concen: 70.17 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

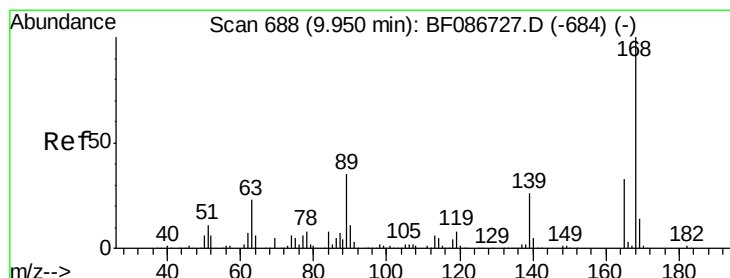
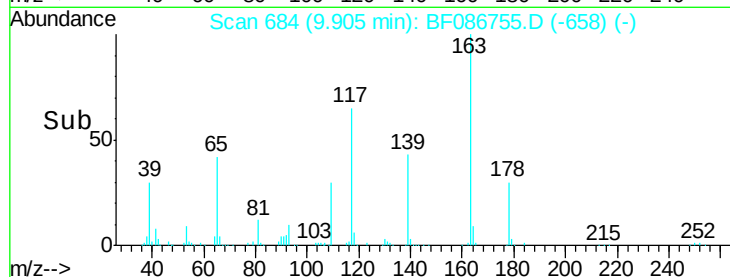
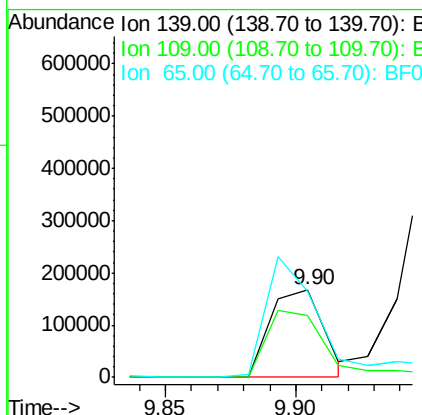
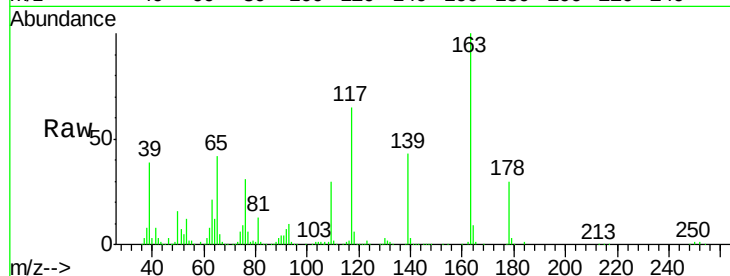
ClientSampleId :

PB90362BS

Tgt Ion:	139	Resp:	240114
Ion Ratio	Lower	Upper	
139	100		
109	70.0	36.9	76.9
65	97.8	64.0	104.0

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 41.12 ng

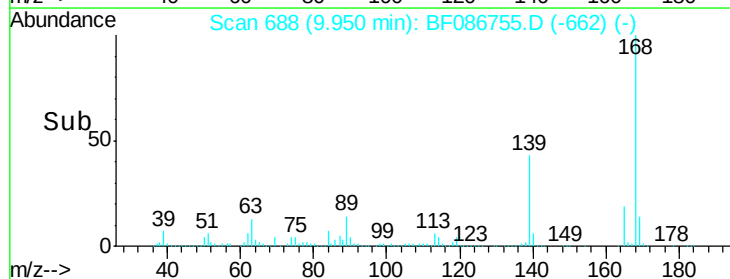
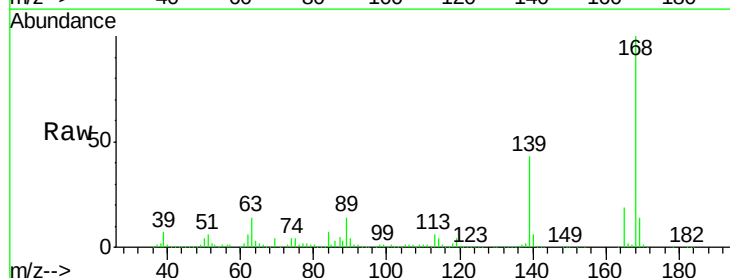
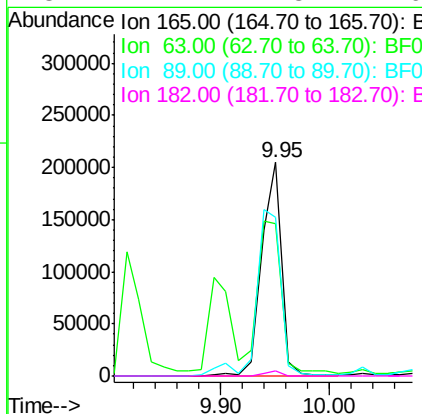
RT: 9.95 min Scan# 688

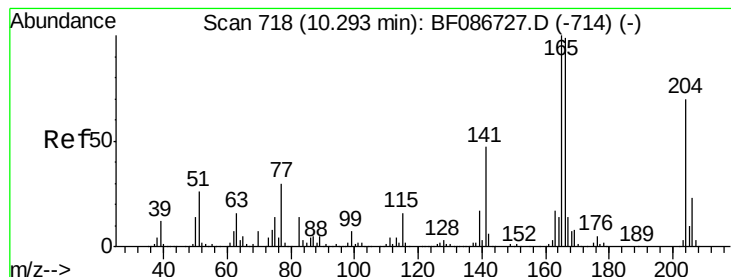
Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion:	165	Resp:	263115
Ion Ratio	Lower	Upper	
165	100		
63	71.6	44.3	66.5#
89	74.3	70.0	105.0
182	2.2	1.8	2.6





#57

Fluorene

Concen: 44.80 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF086755.D

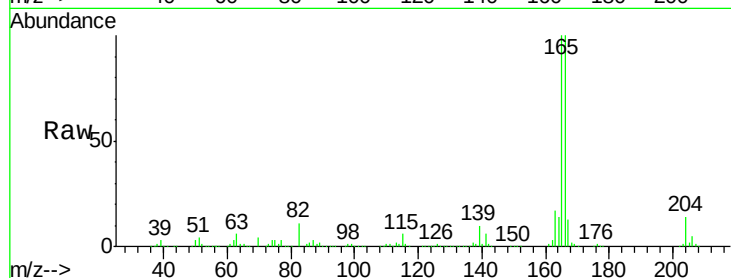
Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

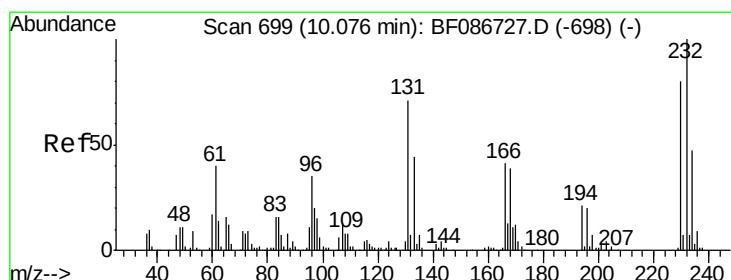
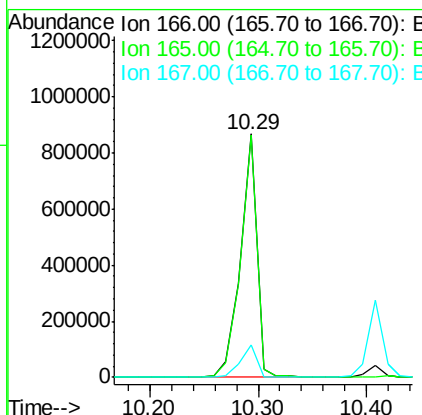
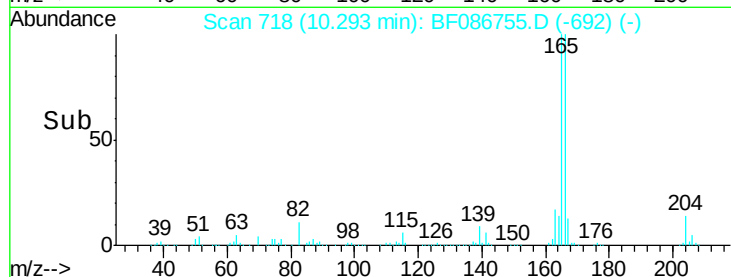
PB90362BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	897239		
165	99.7	79.0	118.6	
167	13.3	10.6	15.8	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

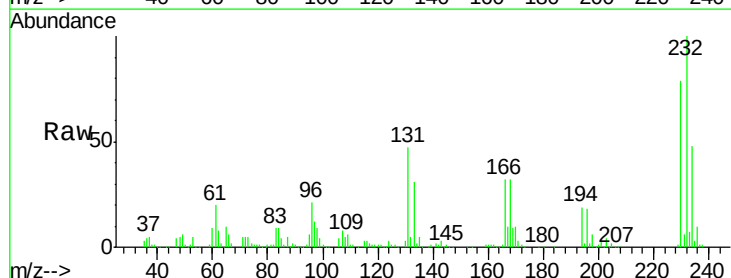
Concen: 50.45 ng

RT: 10.08 min Scan# 699

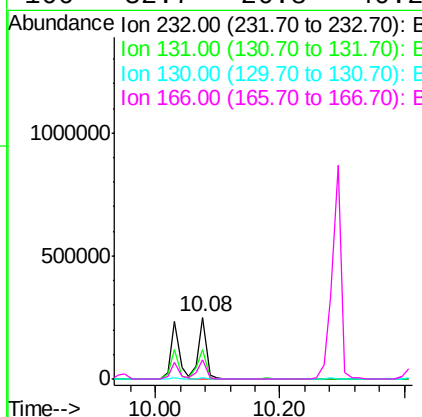
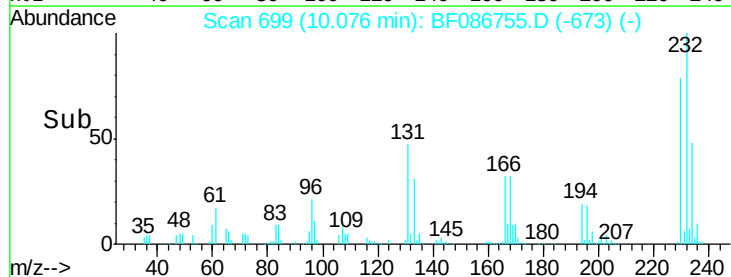
Delta R.T. 0.00 min

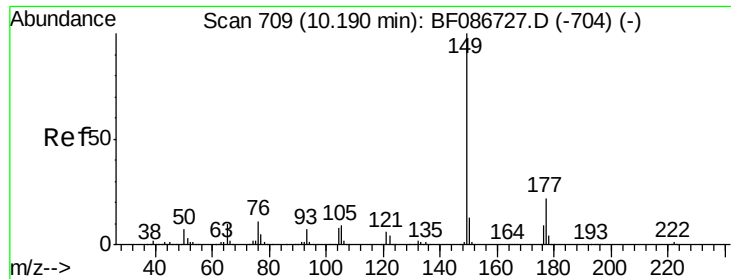
Lab File: BF086755.D

Acq: 7 May 2016 6:08



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	229933		
131	52.6	41.9	62.9	
130	2.9	2.2	3.4	
166	32.7	26.8	40.2	





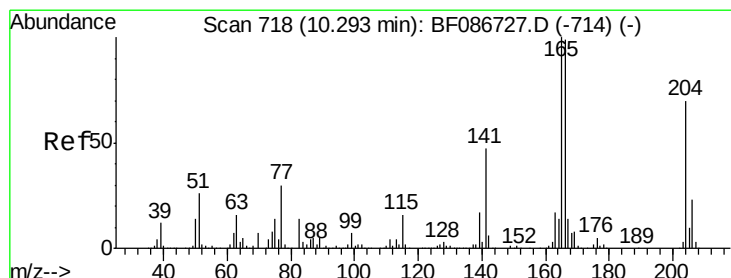
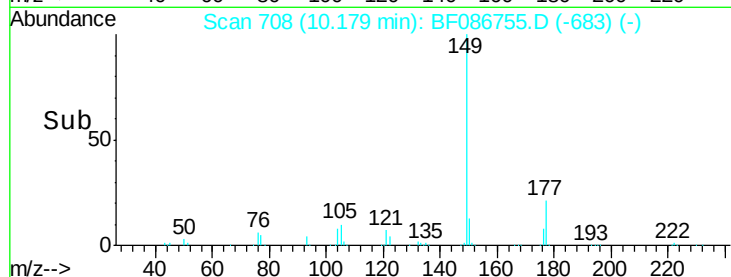
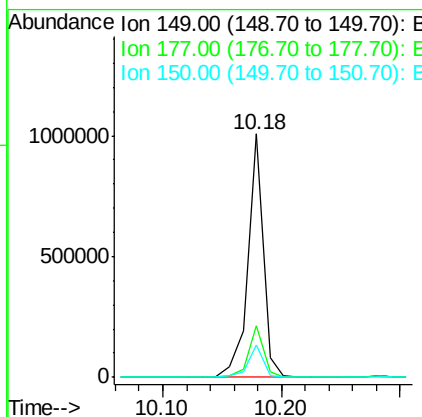
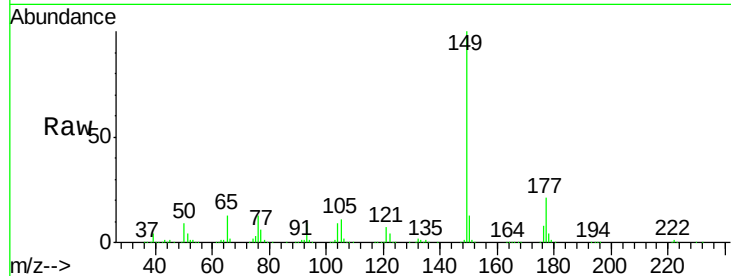
#59
Diethylphthalate
Concen: 40.32 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampled :
PB90362BS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.3	16.6	24.8
150	13.2	10.0	15.0

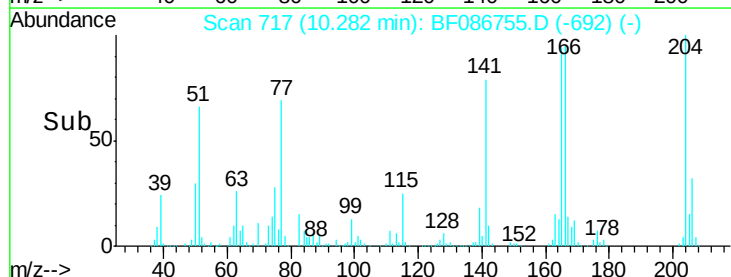
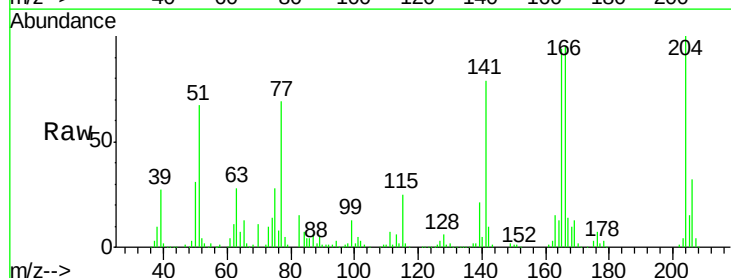
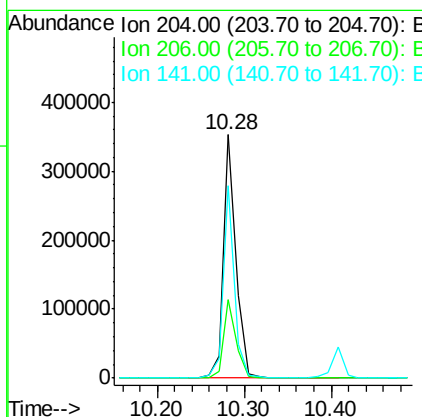
Manual Integrations
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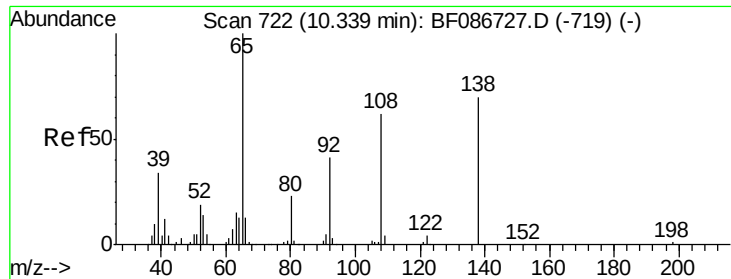
Sohil
5/9/2016 7:17:29 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.51 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.3	25.4	38.0
141	79.0	61.6	92.4





#61

4-Nitroaniline

Concen: 35.71 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

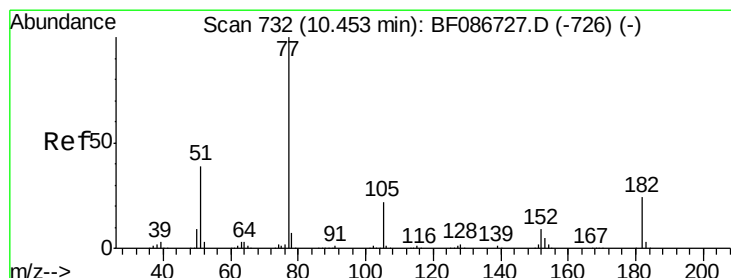
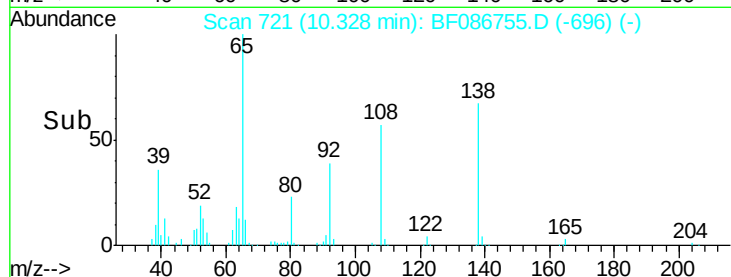
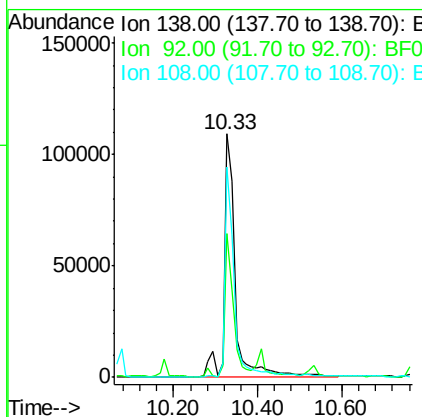
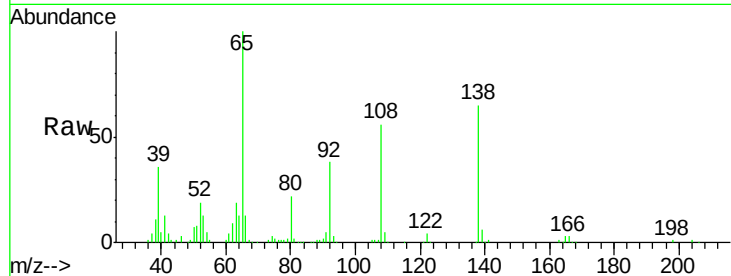
ClientSampled :

PB90362BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.9	24.7	64.7
108	86.3	37.4	77.4

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#62

Azobenzene

Concen: 42.12 ng

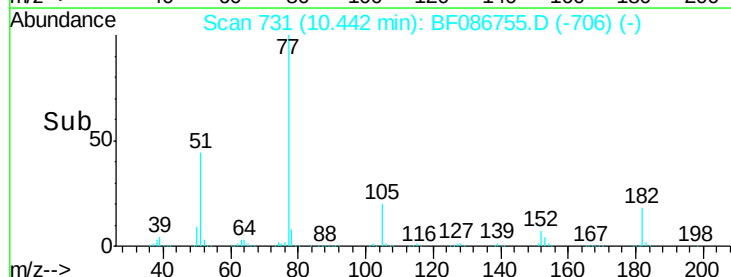
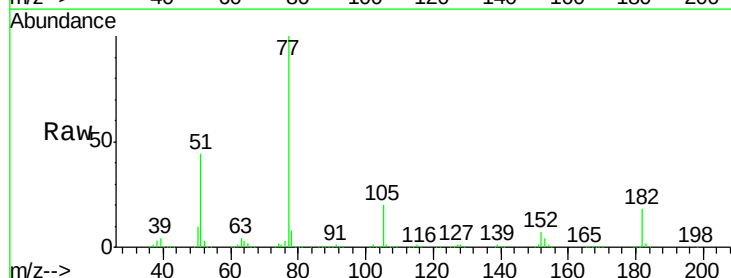
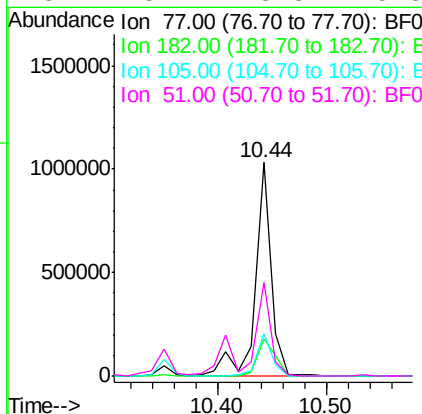
RT: 10.44 min Scan# 731

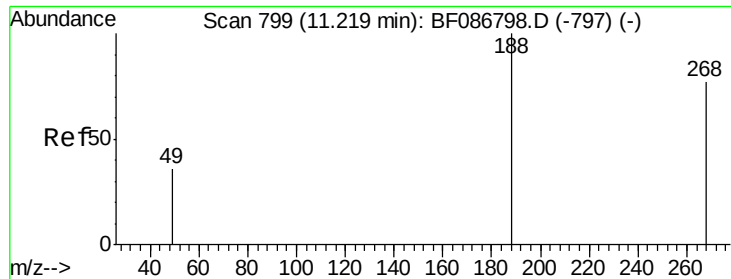
Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.5	0.0	38.8
105	20.0	3.2	43.2
51	43.7	8.8	48.8





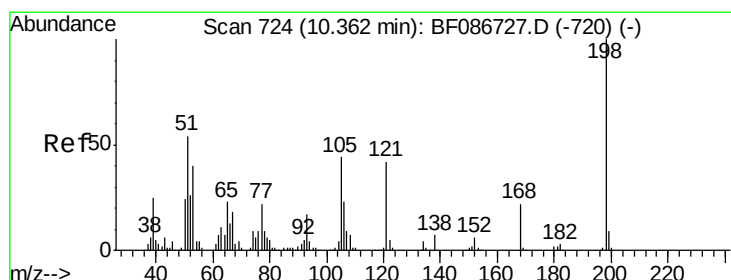
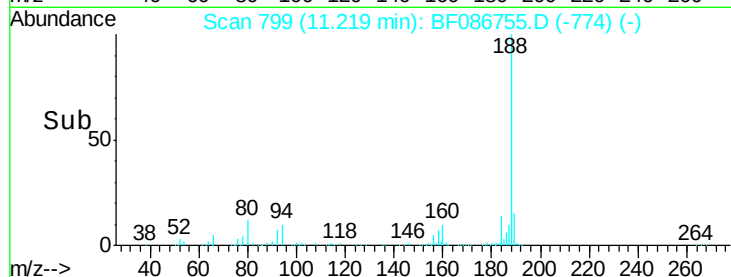
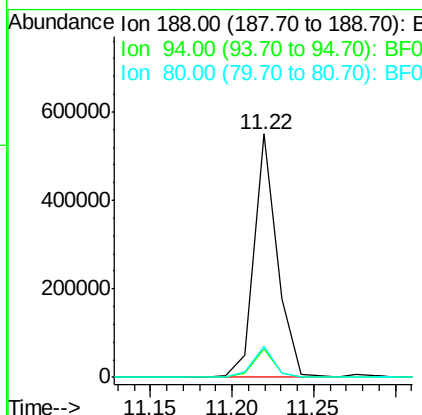
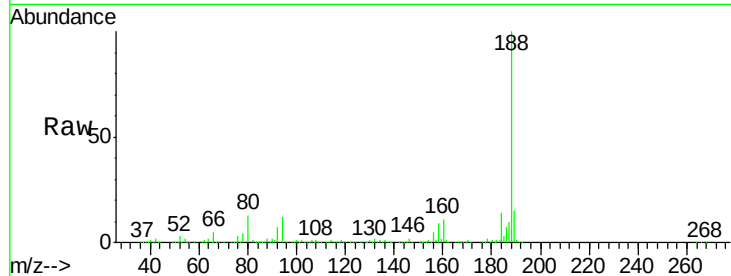
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.6	6.8	10.2#
80	12.7	7.1	10.7#

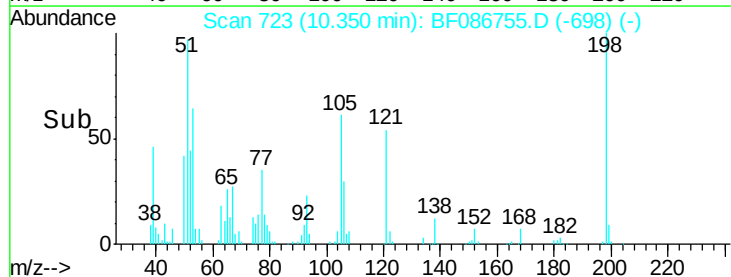
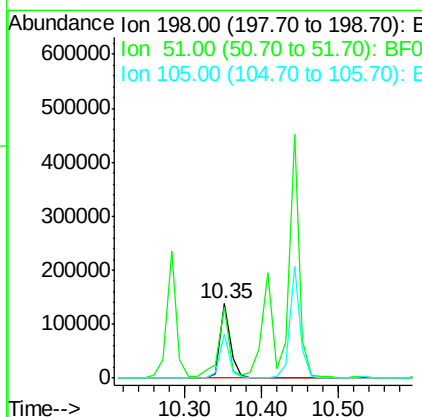
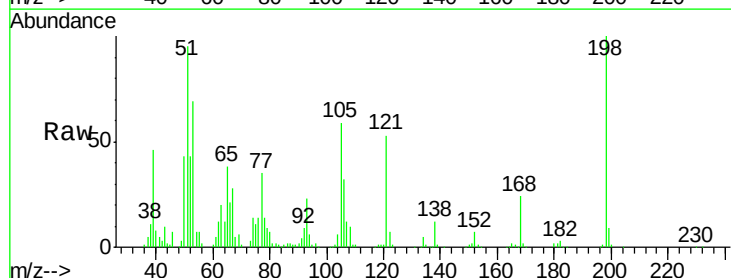
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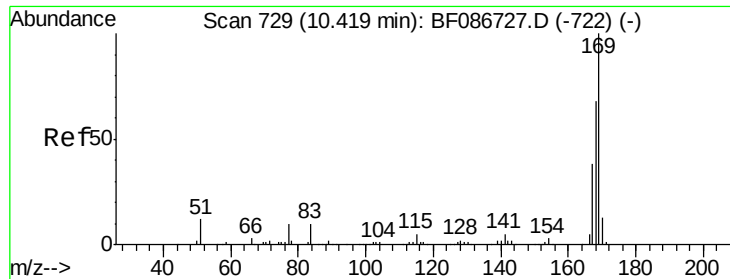
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.35 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	94.7	20.5	60.5#
105	59.4	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 41.05 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

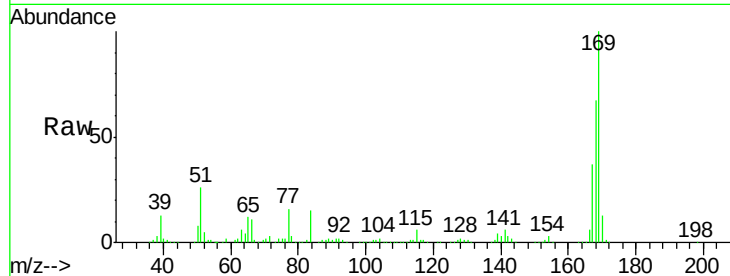
ClientSampleId :

PB90362BS

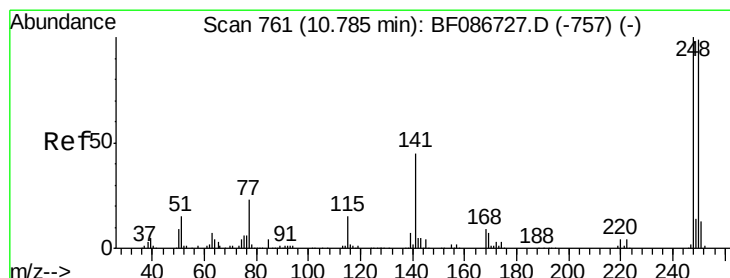
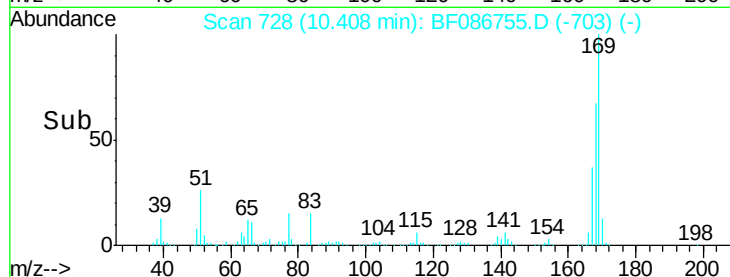
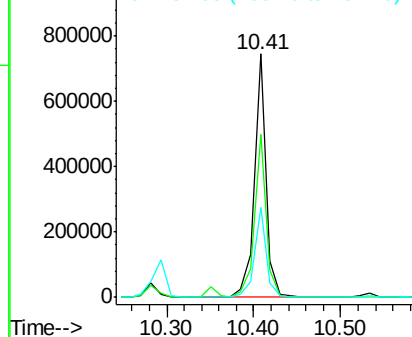
Tgt Ion:	169	Resp:	710870
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.8	80.6
167	36.7	29.5	44.3

Manual Integrations
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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: 45.91 ng

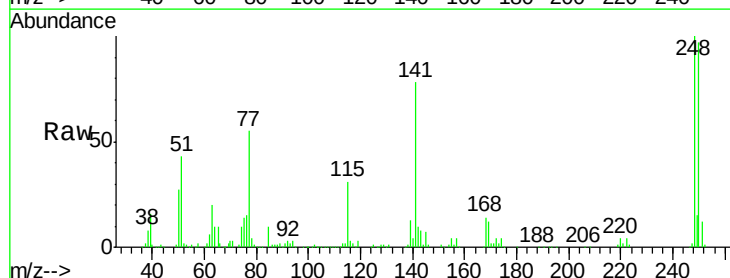
RT: 10.77 min Scan# 760

Delta R.T. -0.01 min

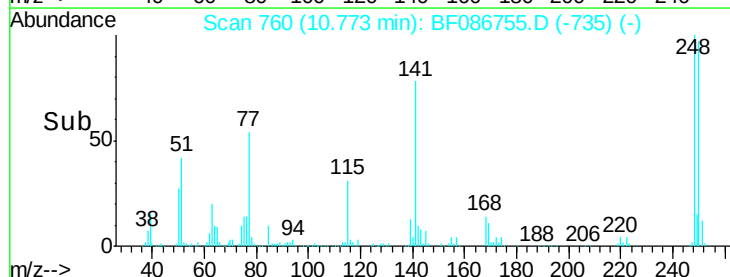
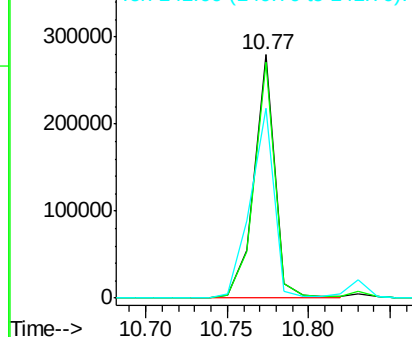
Lab File: BF086755.D

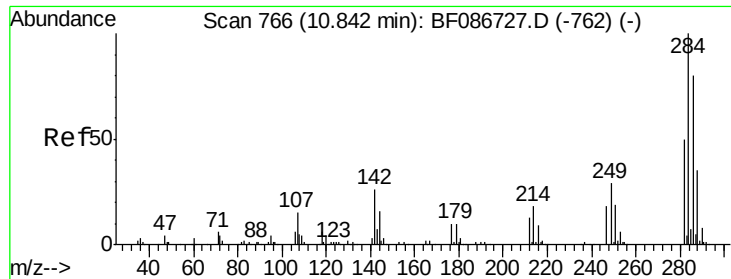
Acq: 7 May 2016 6:08

Tgt Ion:	248	Resp:	248815
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.6	117.8
141	78.0	76.0	114.0



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





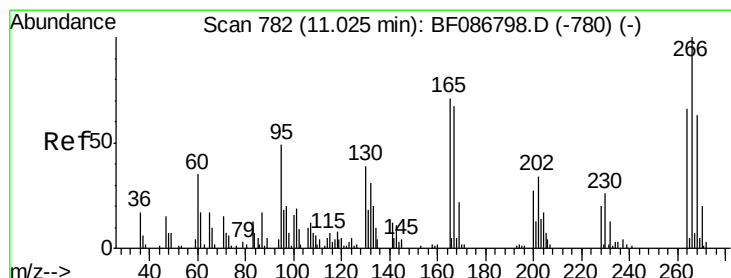
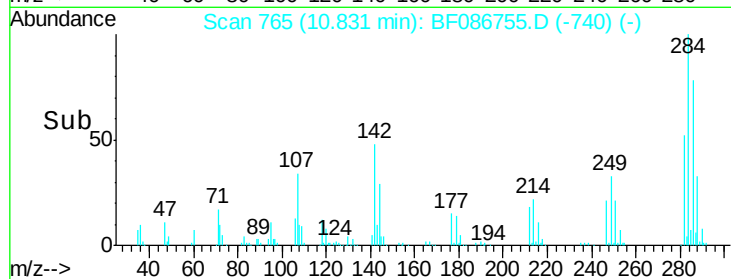
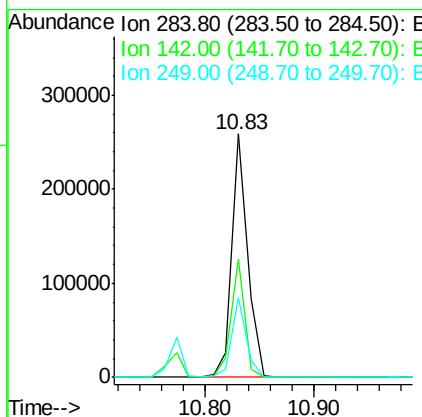
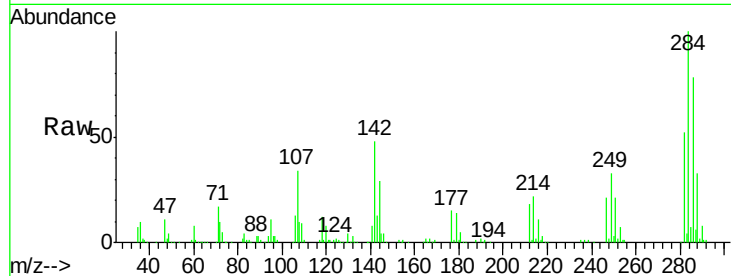
#67
Hexachlorobenzene
Concen: 38.95 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :
PB90362BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	48.3	16.7	25.1#
249	32.9	21.3	31.9#

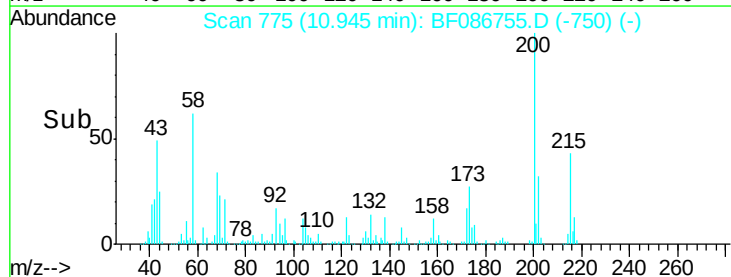
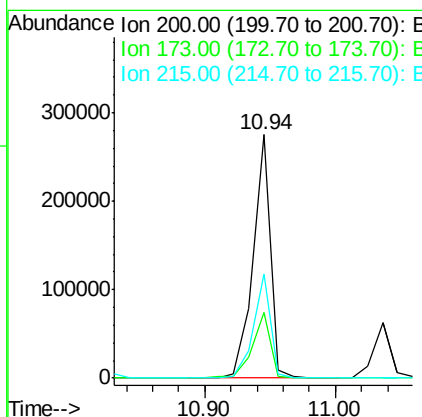
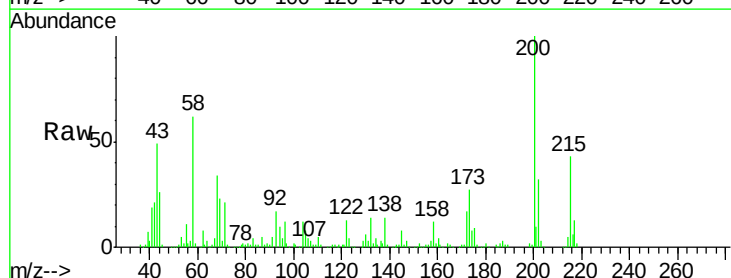
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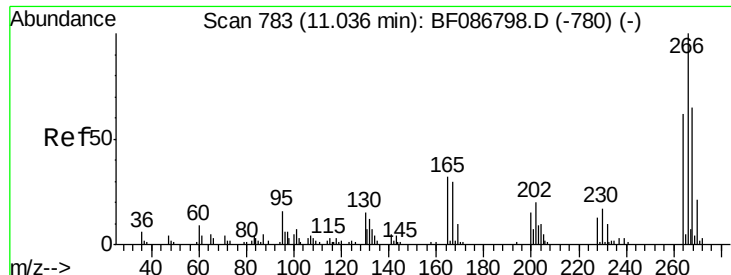
Sohil
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#68
Atrazine
Concen: 48.15 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	8.5	48.5
215	42.7	27.2	67.2





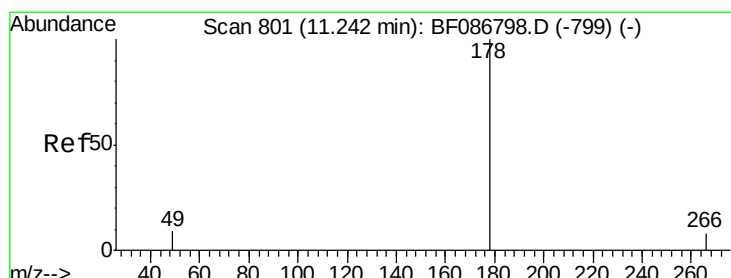
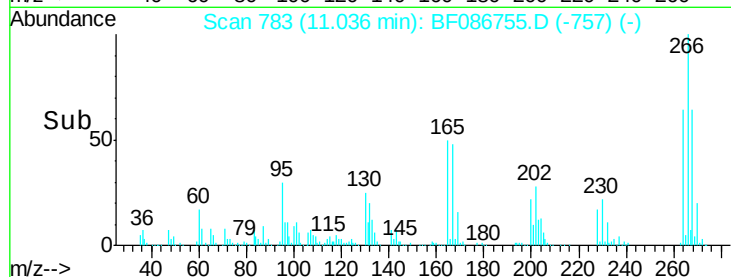
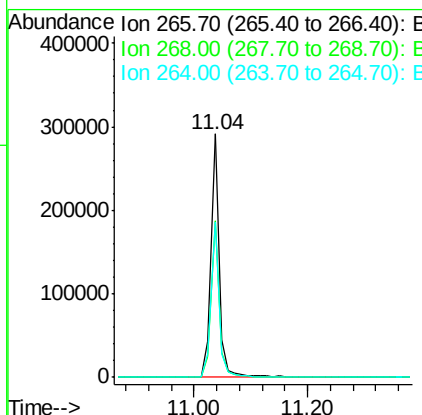
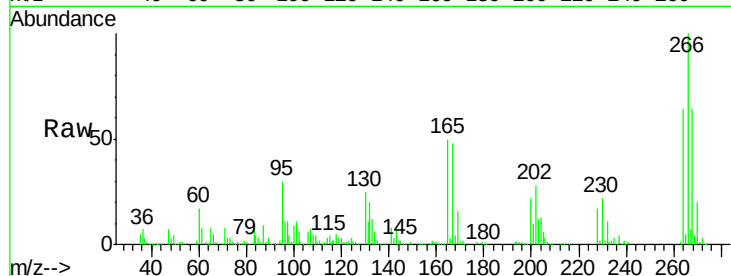
#69
 Pentachlorophenol
 Concen: 87.86 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	283811		
268	64.3	51.5	77.3	
264	63.8	52.9	79.3	

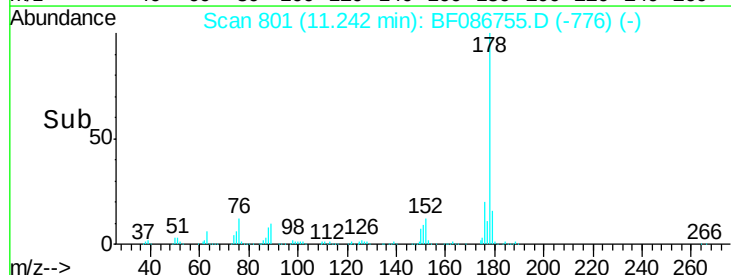
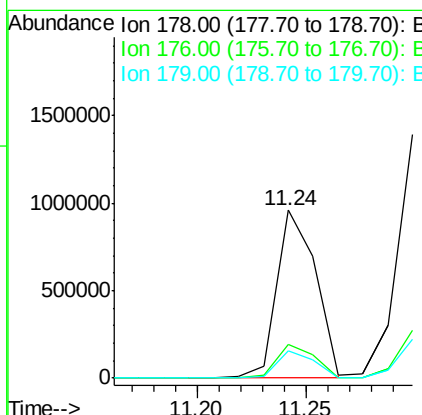
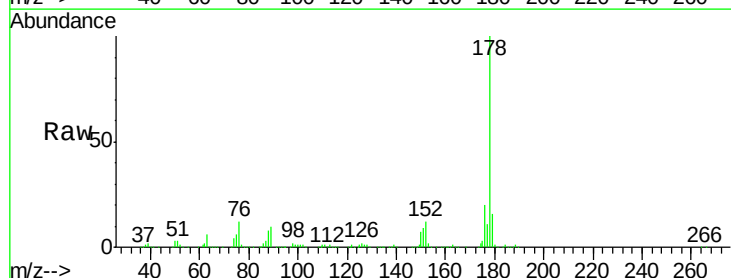
Manual Integrations
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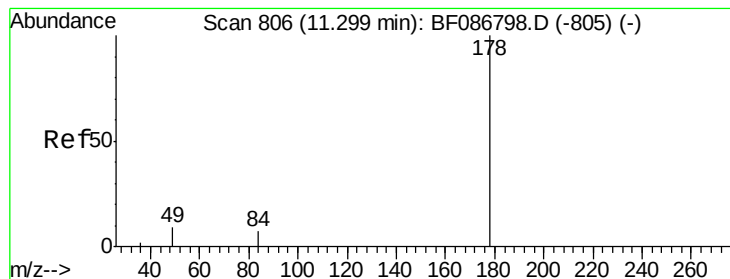
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#70
 Phenanthrene
 Concen: 41.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1201214		
176	20.0	16.0	24.0	
179	16.2	12.6	18.8	





#71

Anthracene

Concen: 42.10 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS

Tgt Ion:178 Resp: 1291545

Ion Ratio Lower Upper

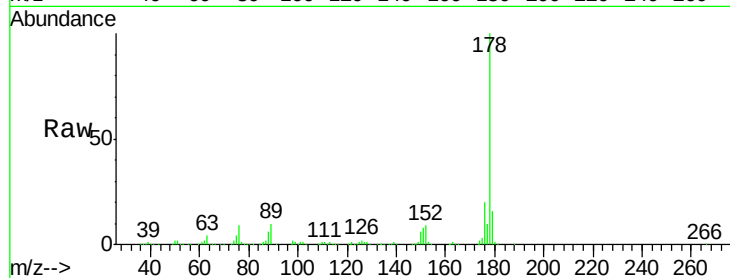
178 100

176 19.7 15.6 23.4

179 16.1 12.7 19.1

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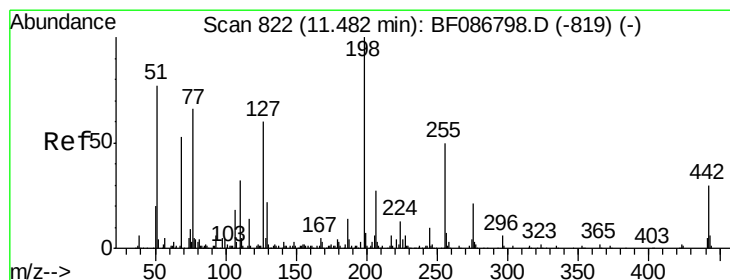
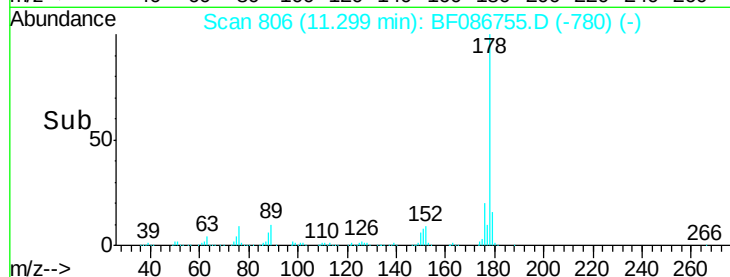
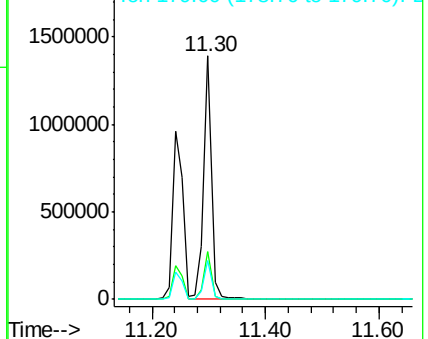
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.21 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

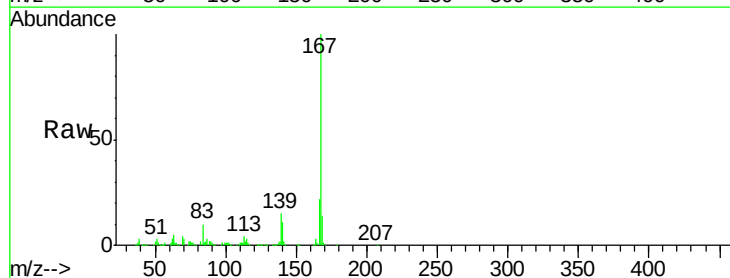
Tgt Ion:167 Resp: 1071184

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

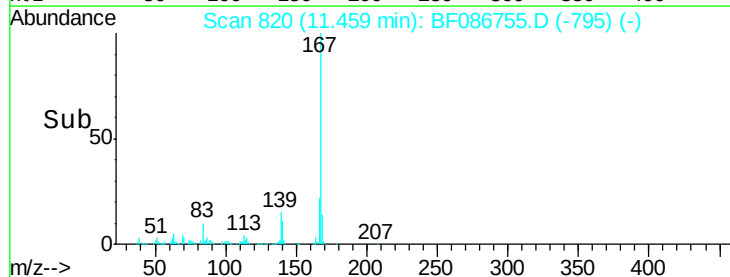
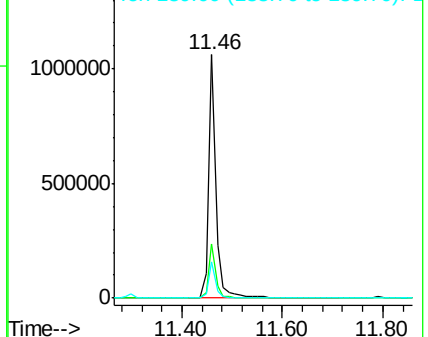
139 14.7 10.8 16.2

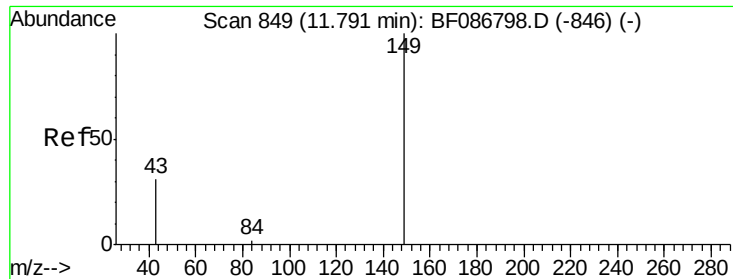


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.49 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

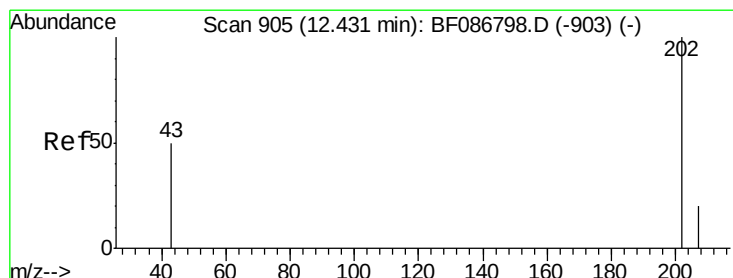
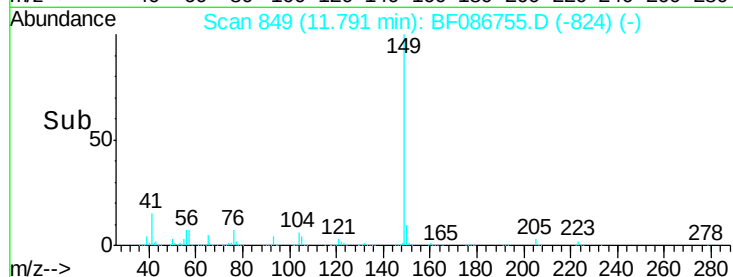
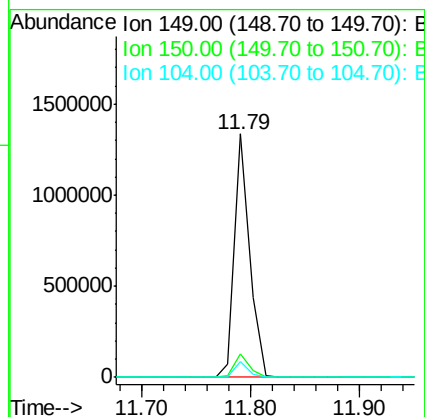
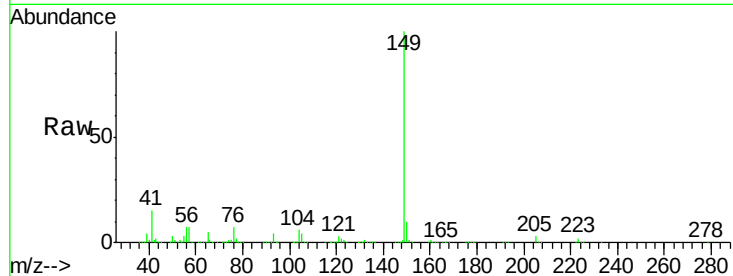
ClientSampleId :

PB90362BS

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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.2	3.8	5.6



#74

Fluoranthene

Concen: 43.58 ng

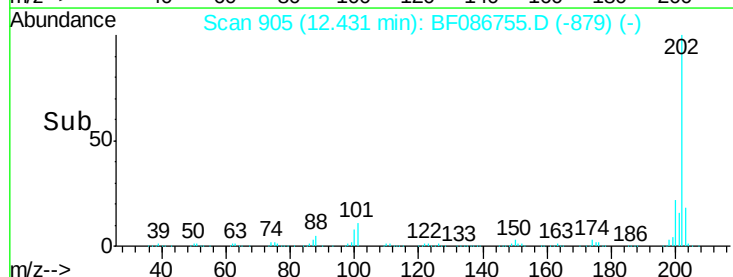
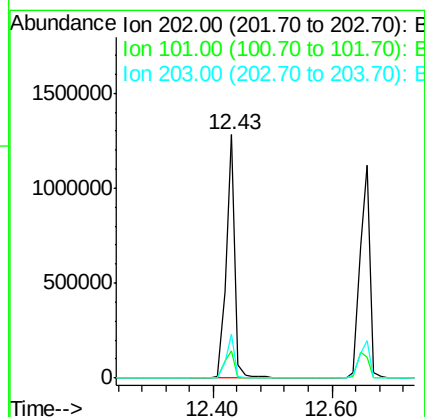
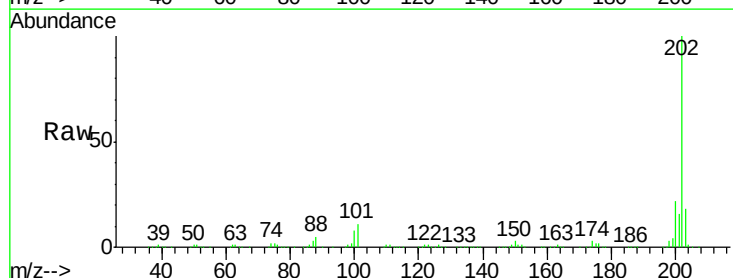
RT: 12.43 min Scan# 905

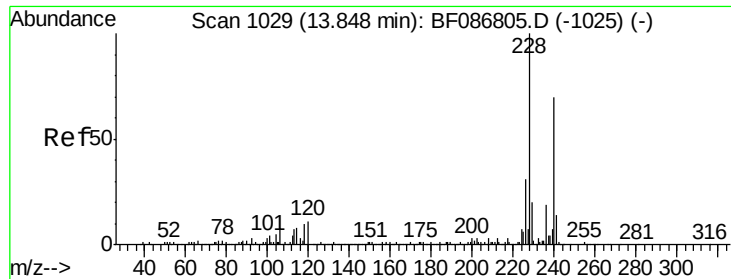
Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

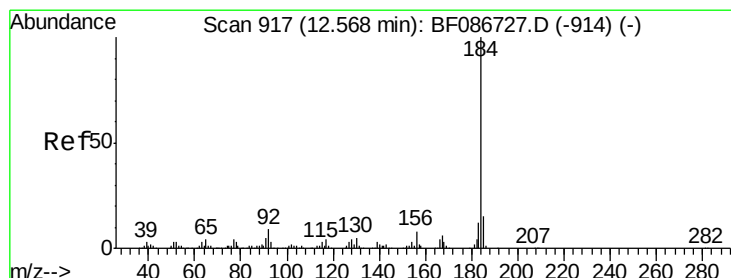
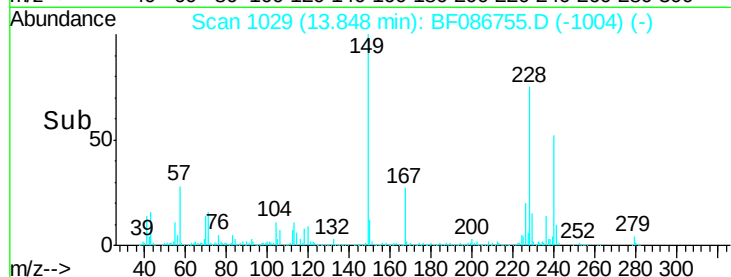
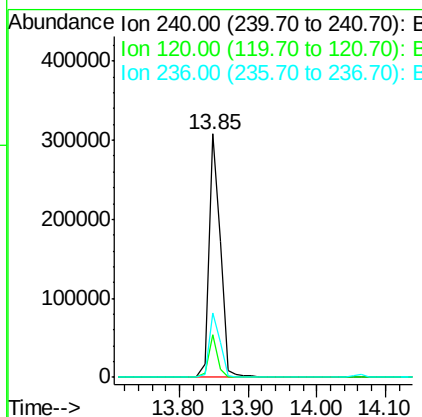
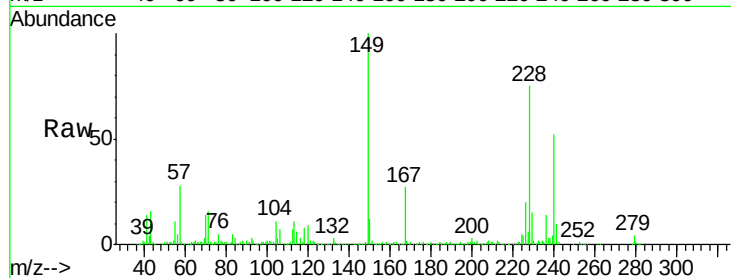
ClientSampleId :

PB90362BS

Tgt Ion:	240	Resp:	357221
Ion Ratio	Lower	Upper	
240	100		
120	17.4	11.2	16.8#
236	26.3	21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 34.30 ng

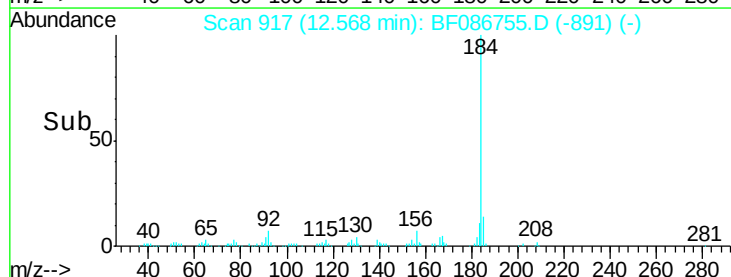
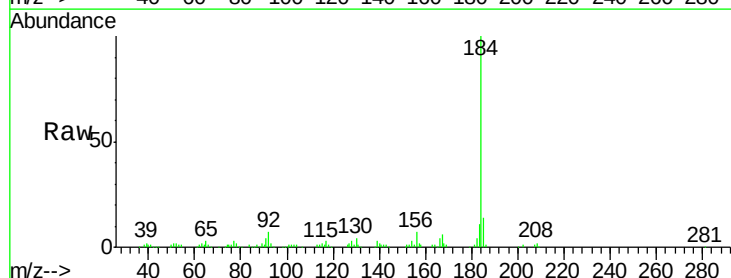
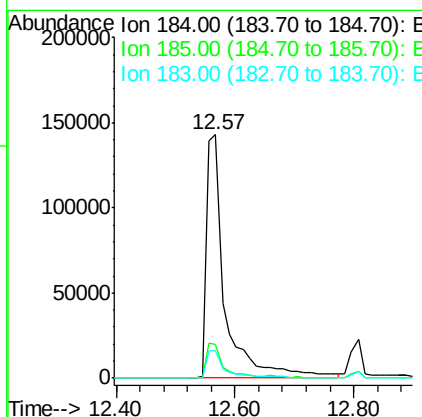
RT: 12.57 min Scan# 917

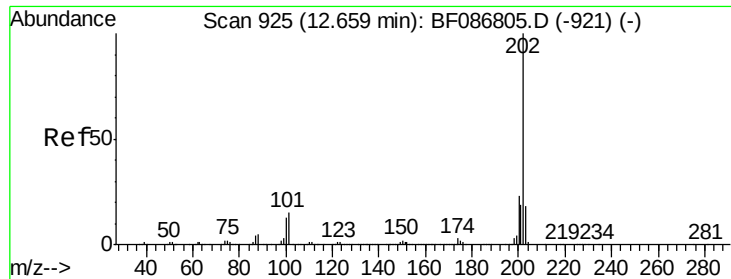
Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion:	184	Resp:	312409
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.6	20.4
183	11.1	9.8	14.6





#77

Pyrene

Concen: 45.70 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS

Tgt Ion:202 Resp: 1301568

Ion Ratio Lower Upper

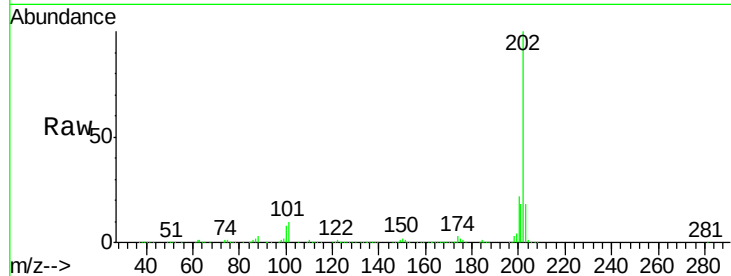
202 100

200 22.4 17.7 26.5

203 17.6 14.2 21.4

Manual Integrations
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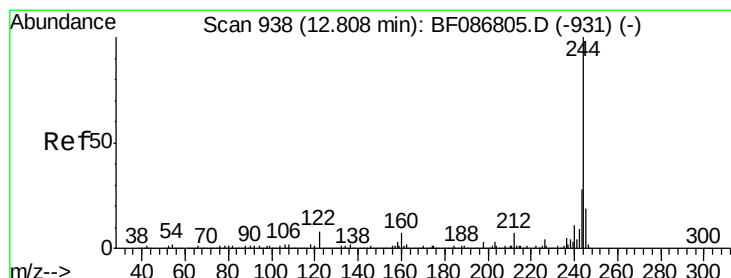
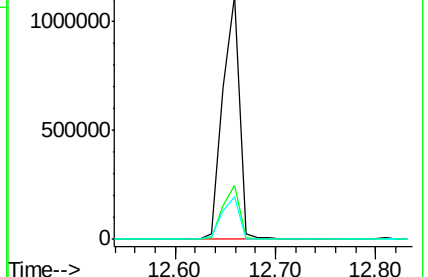
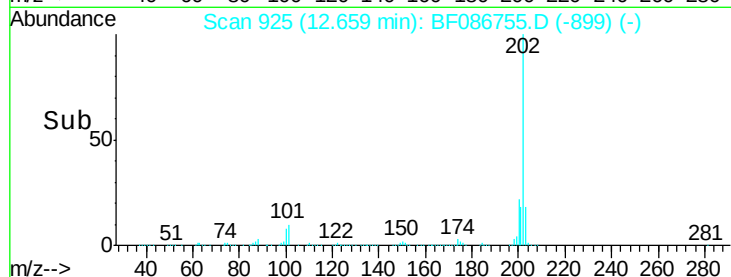
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.97 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

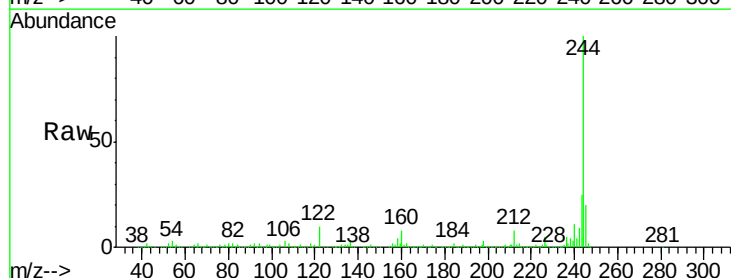
Tgt Ion:244 Resp: 1590179

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

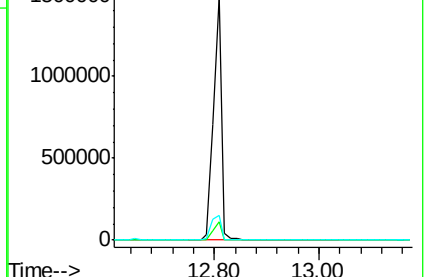
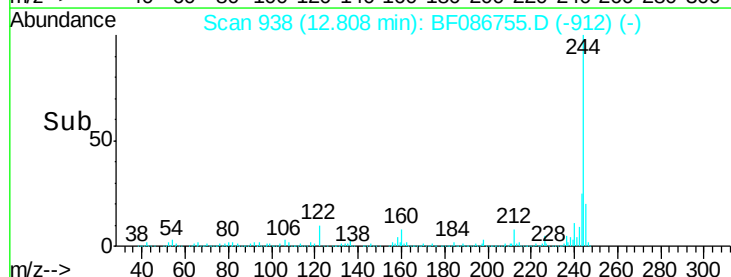
122 9.9 12.0 18.0#

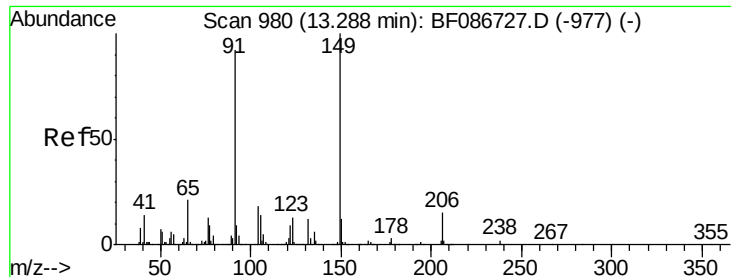


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.98 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

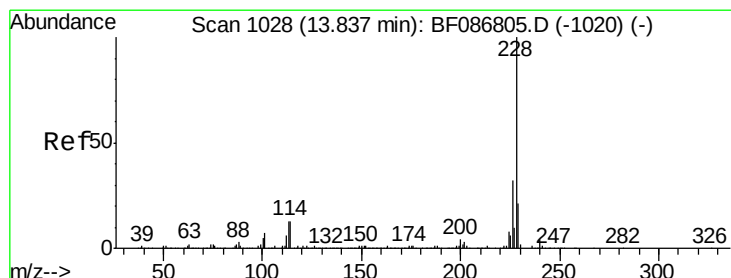
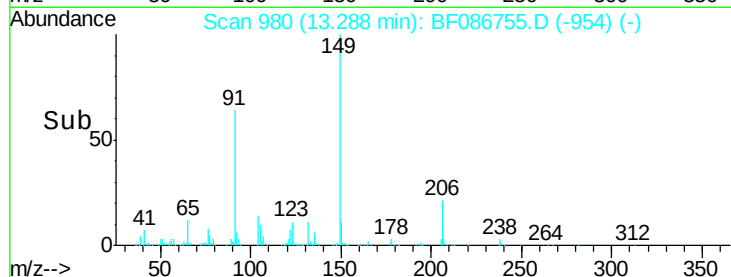
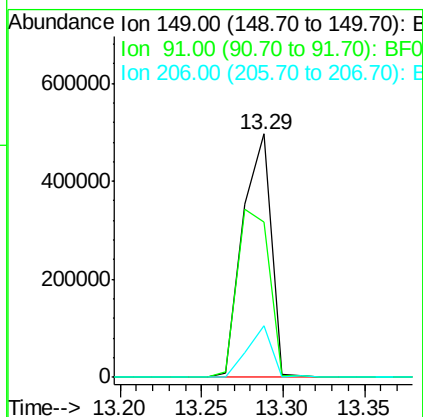
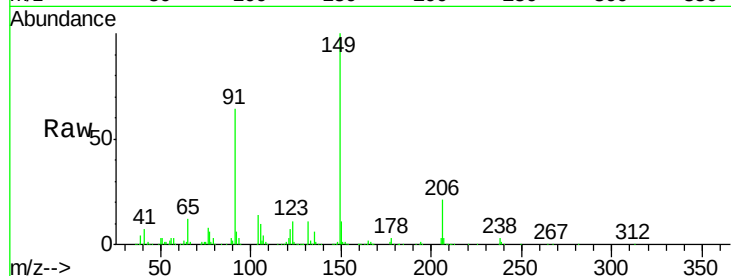
ClientSampleId :

PB90362BS

Tgt Ion:	149	Resp:	596172
Ion Ratio	Lower	Upper	
149	100		
91	64.0	48.0	72.0
206	20.9	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 44.83 ng

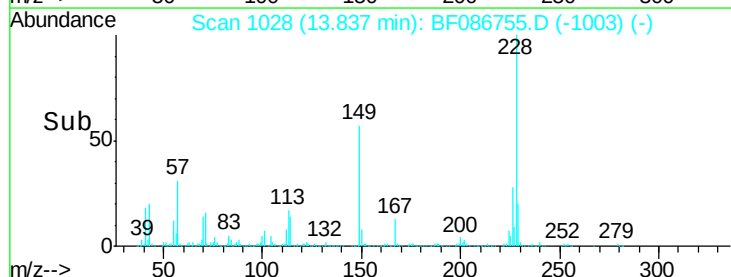
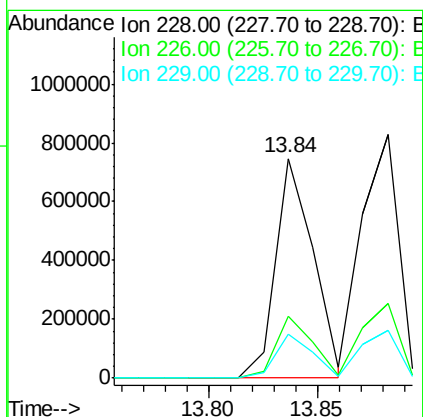
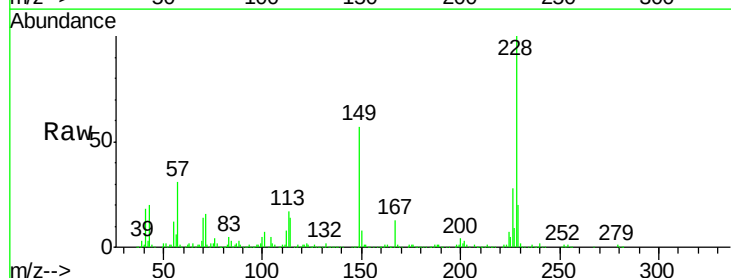
RT: 13.84 min Scan# 1028

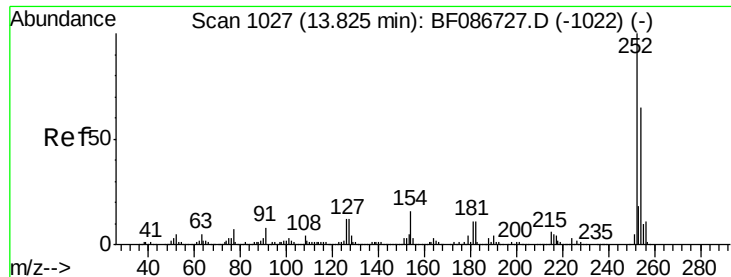
Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion:	228	Resp:	905667
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.5	33.7
229	20.3	16.6	25.0





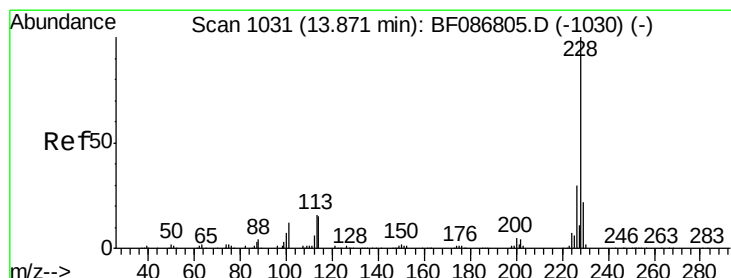
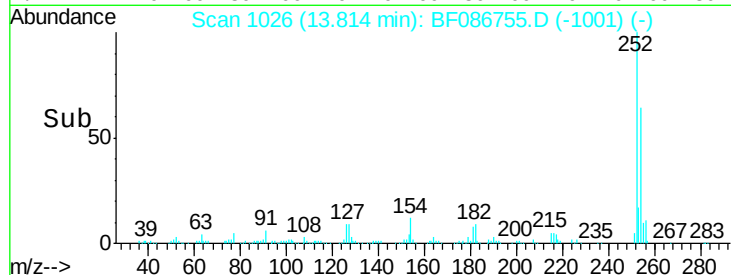
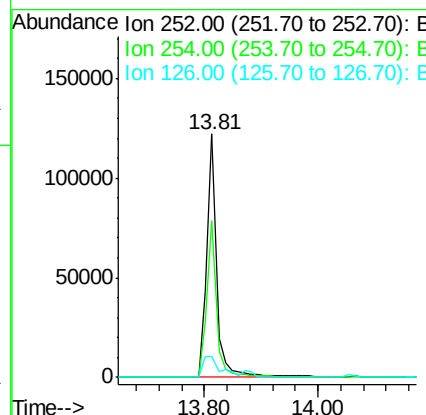
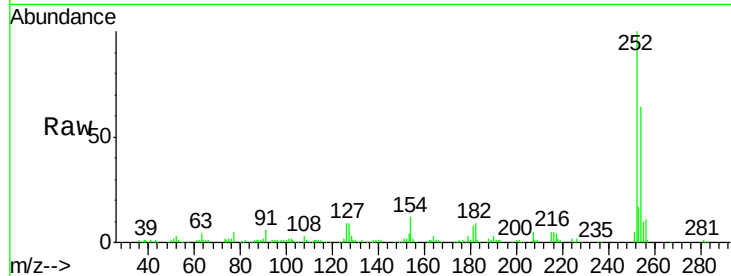
#81
 3,3'-Dichlorobenzidine
 Concen: 11.39 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.7	76.1
126	8.6	12.7	19.1

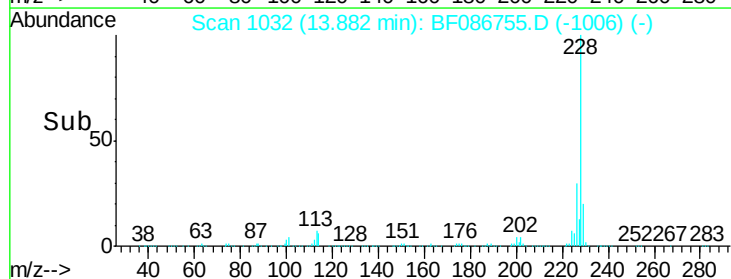
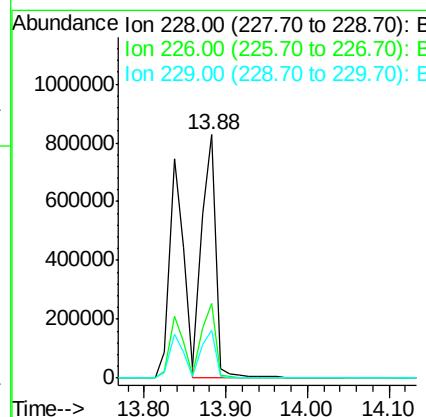
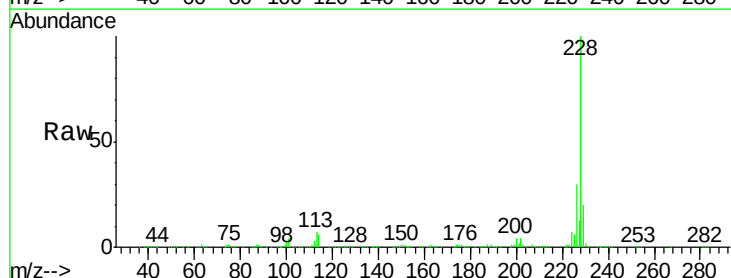
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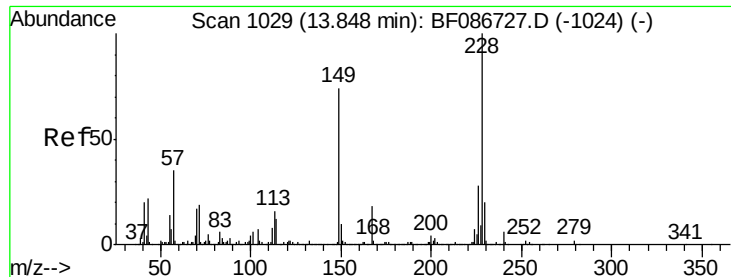
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#82
 Chrysene
 Concen: 46.55 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.7	15.8	23.8





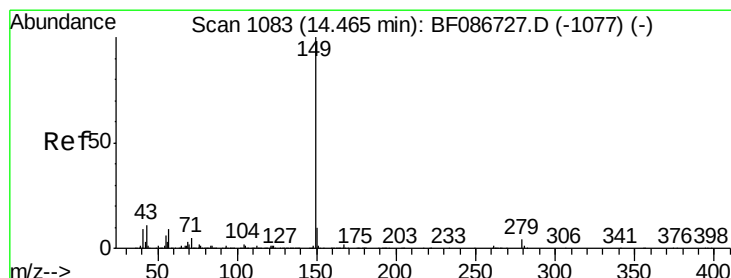
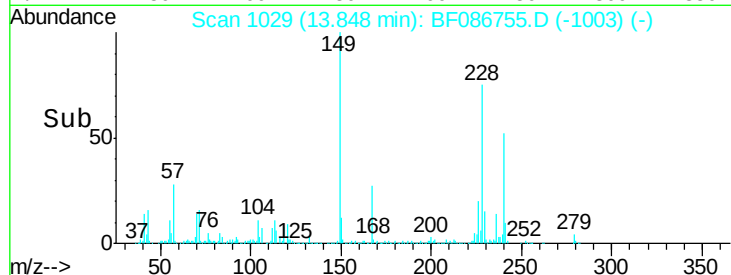
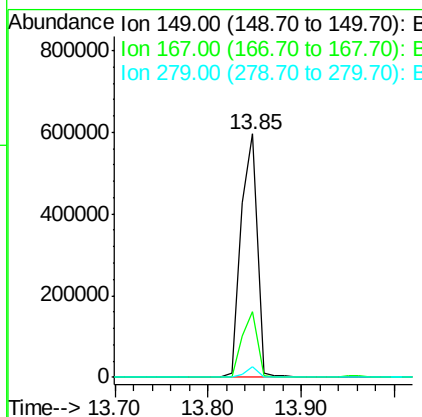
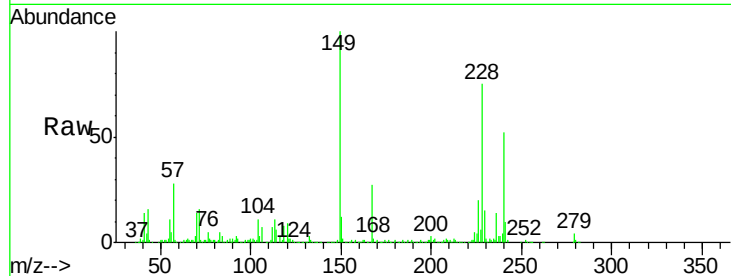
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.17 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	720099		
167	27.2	21.8	32.6	
279	4.4	2.6	4.0#	

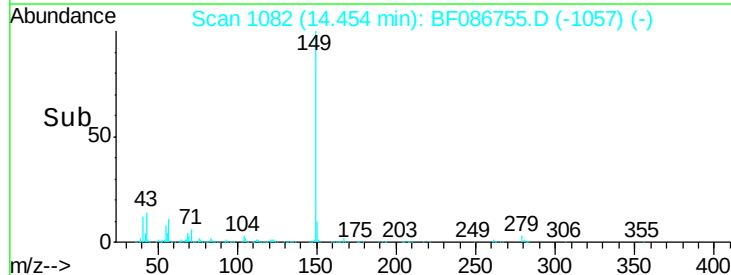
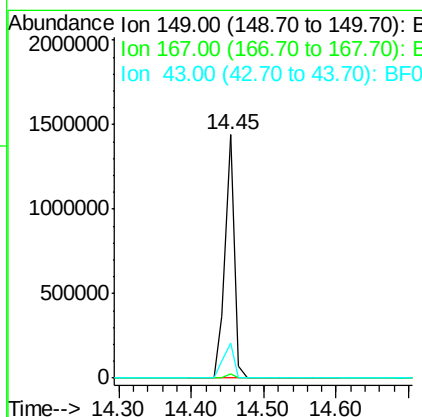
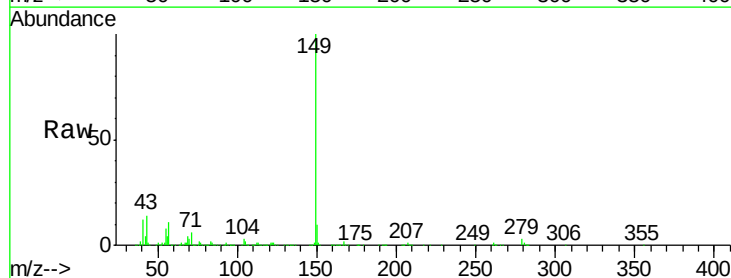
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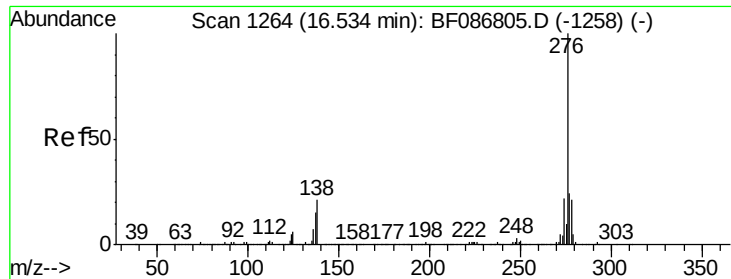
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#84
 Di-n-octyl phthalate
 Concen: 63.65 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1292844		
167	1.5	1.2	1.8	
43	16.8	8.2	12.4#	





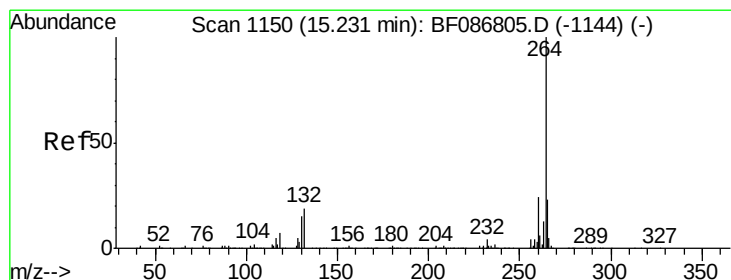
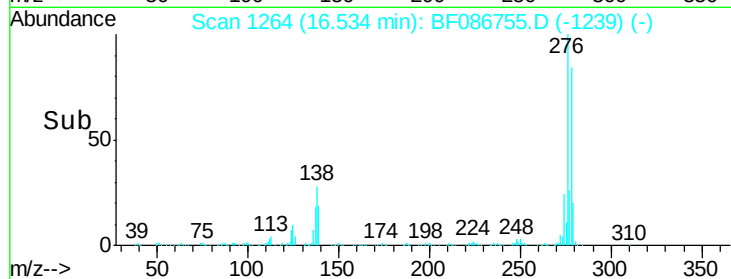
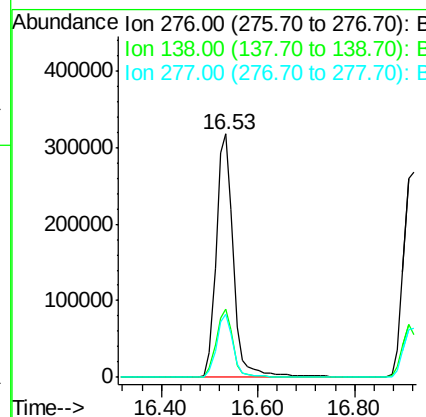
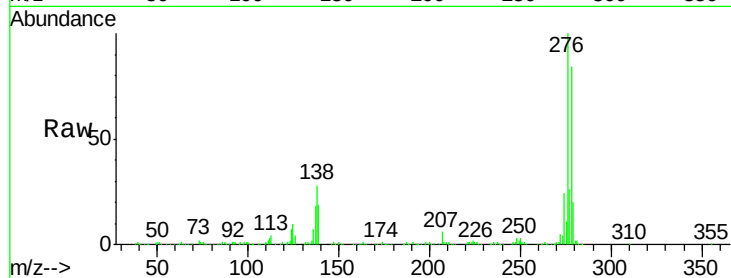
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.32 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.6	38.4
277	25.4	20.5	30.7

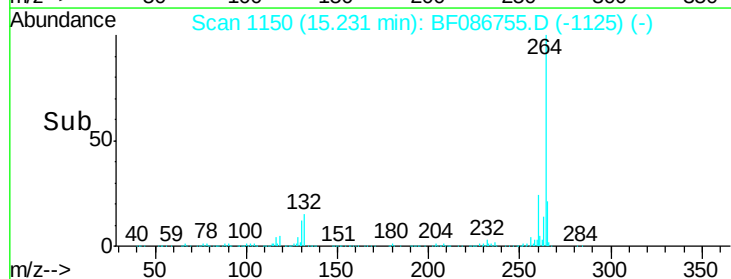
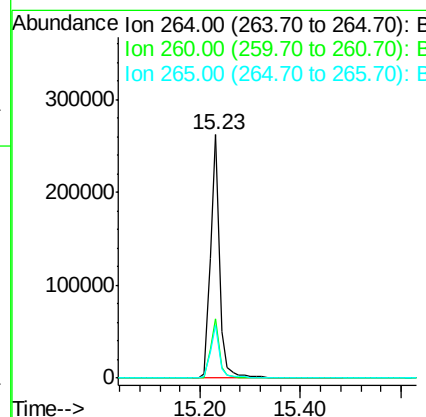
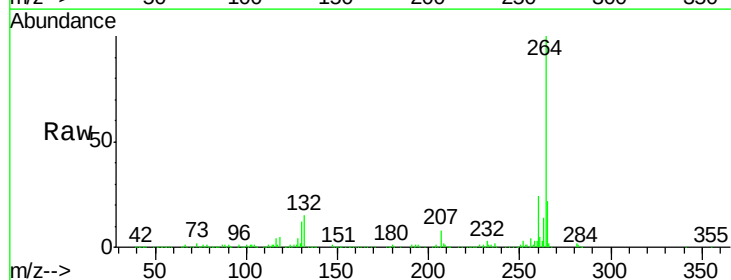
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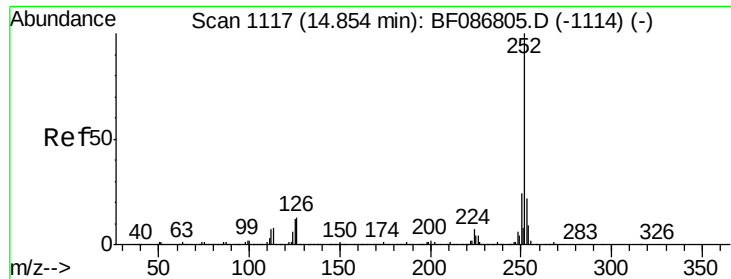
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 53.89 ng m

RT: 14.84 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS

Tgt Ion:252 Resp: 1068887

Ion Ratio Lower Upper

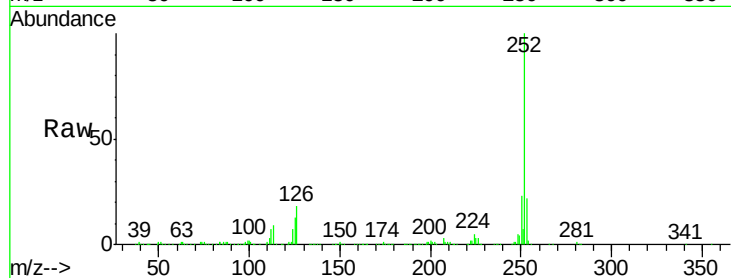
252 100

253 22.3 17.8 26.6

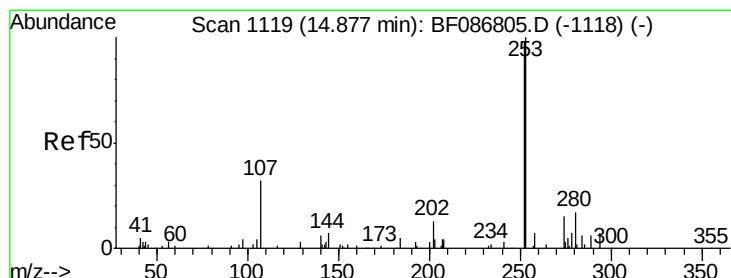
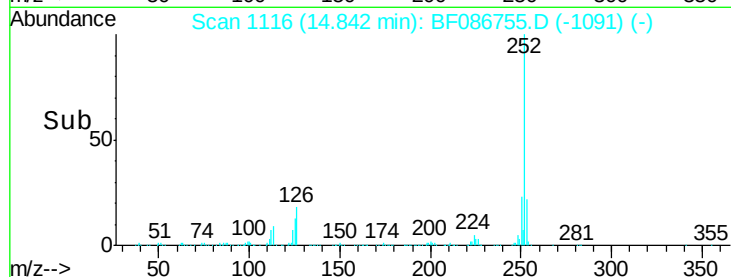
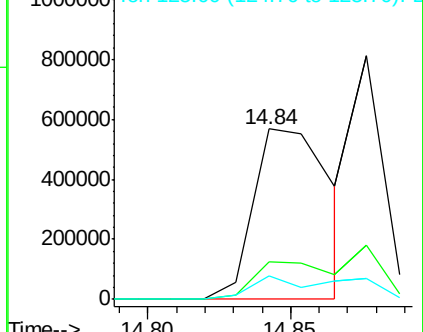
125 13.5 11.4 17.0

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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: 35.56 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

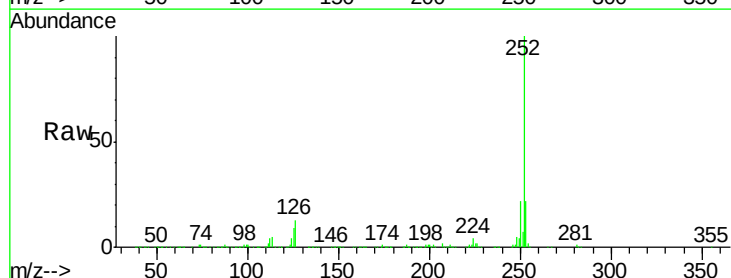
Tgt Ion:252 Resp: 664568

Ion Ratio Lower Upper

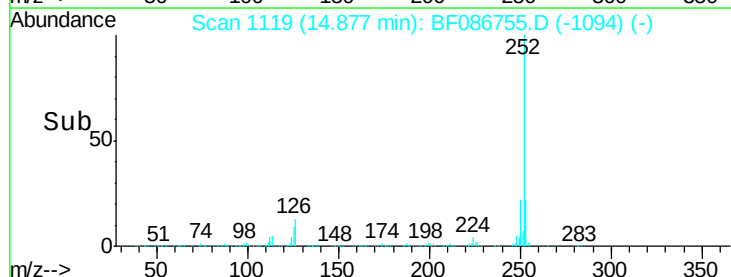
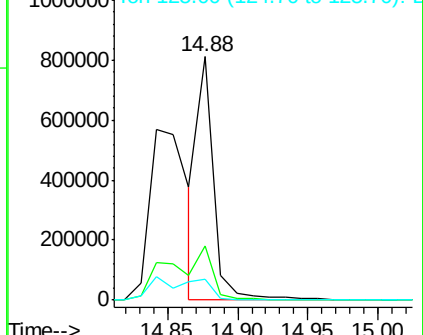
252 100

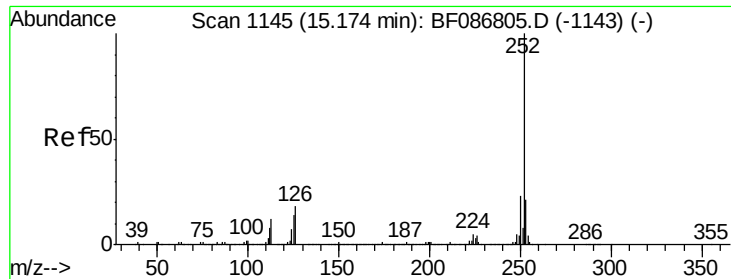
253 22.2 17.8 26.6

125 8.6 9.1 13.7#



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





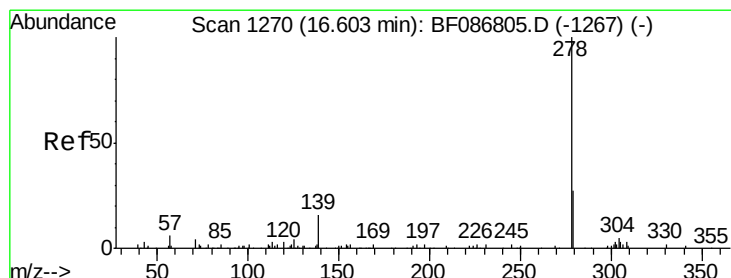
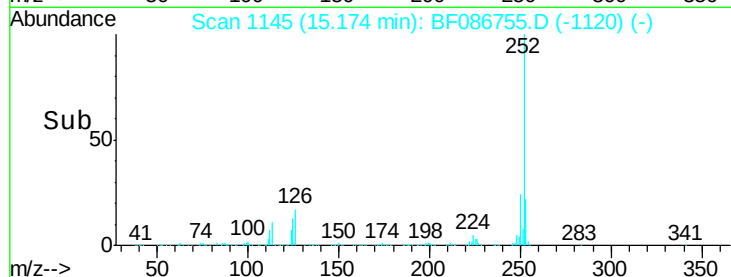
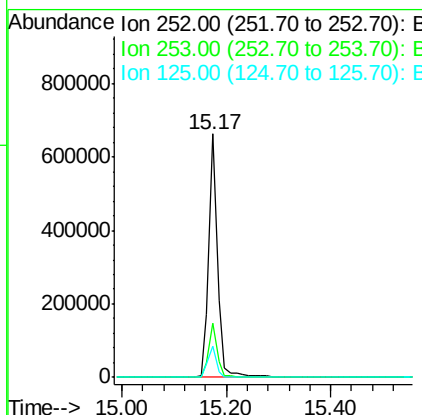
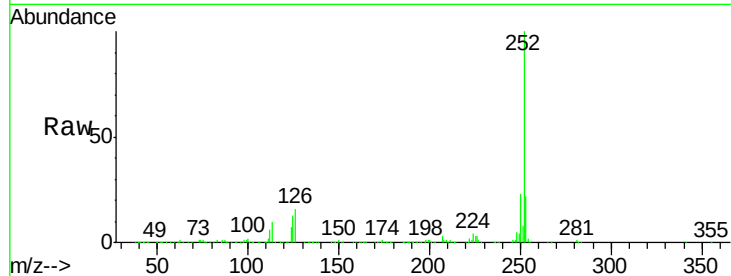
#89
Benzo(a)pyrene
Concen: 42.22 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :
PB90362BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	771323		
253	22.1	17.2	25.8	
125	12.7	9.0	13.6	

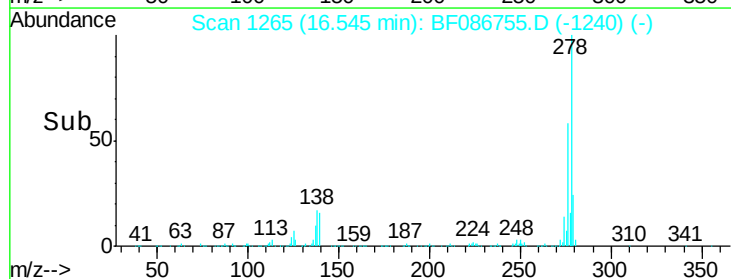
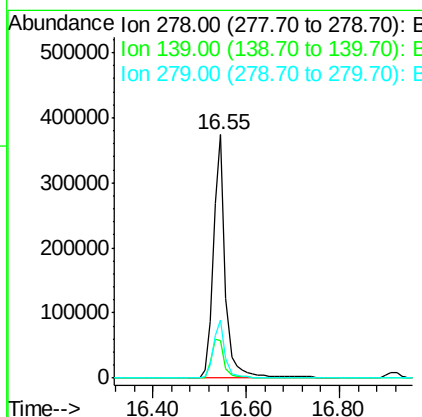
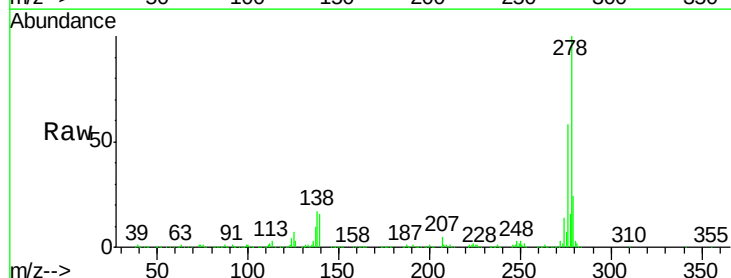
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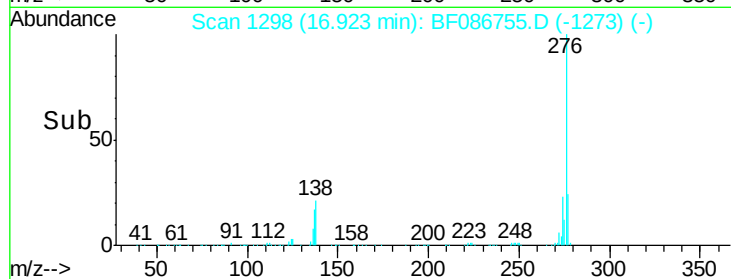
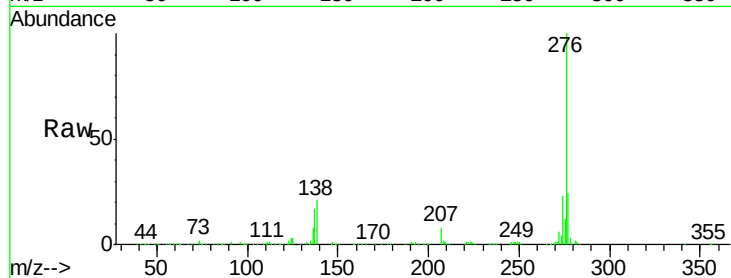
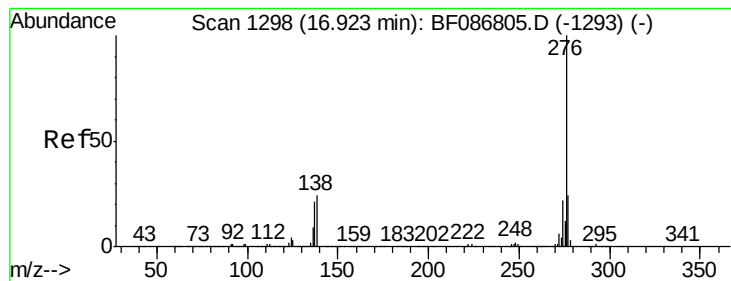
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#90
Dibenzo(a,h)anthracene
Concen: 38.19 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	670194		
139	15.6	16.6	24.8#	
279	24.0	19.6	29.4	





#91

Benzo(g,h,i)perylene

Concen: 34.92 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

PB90362BS

Tgt Ion: 276 Resp: 643397

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 20.7 23.6 35.4#

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