

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086307.D
 Acq On : 20 Apr 2016 14:13
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Manual Integrations
 APPROVED

sohil
 4/21/2016 7:09:03 PM

Quant Time: Apr 20 15:07:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:02:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	260947	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1076421	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	468383	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	755215	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	427455	20.00	ng	-0.03
86) Perylene-d12	15.45	264	470825	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1209321	80.86	ng	-0.03
7) Phenol-d6	6.50	99	1497449	76.51	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1432692	76.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	292040	80.00	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2026185	82.04	ng	-0.03
78) Terphenyl-d14	12.97	244	1337188	74.46	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	317843	39.23	ng	98
3) Pyridine	3.20	79	839694	40.48	ng	95
4) n-Nitrosodimethylamine	3.14	42	291986	40.86	ng	# 69
6) Aniline	6.52	93	1036199	39.34	ng	91
8) 2-Chlorophenol	6.65	128	667178	37.55	ng	89
9) Benzaldehyde	6.41	77	551594	39.76	ng	92
10) Phenol	6.51	94	920022	41.02	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	746213	38.09	ng	88
12) 1,3-Dichlorobenzene	6.81	146	761936m	39.09	ng	
13) 1,4-Dichlorobenzene	6.89	146	779802	37.44	ng	96
14) 1,2-Dichlorobenzene	7.04	146	695964	37.67	ng	96
15) Benzyl Alcohol	7.01	79	483690	39.78	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1097849	39.83	ng	92
17) 2-Methylphenol	7.12	107	572927	38.59	ng	98
18) Hexachloroethane	7.38	117	251767	40.56	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	472336	39.84	ng	97
20) 3+4-Methylphenols	7.28	107	594495	36.91	ng	# 79
22) Acetophenone	7.28	105	816349	36.10	ng	# 87
24) Nitrobenzene	7.45	77	744092	37.01	ng	94
25) Isophorone	7.69	82	1312668	36.86	ng	99
26) 2-Nitrophenol	7.77	139	385065	42.81	ng	# 79
27) 2,4-Dimethylphenol	7.80	122	643134	36.46	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	822453	39.49	ng	99
29) 2,4-Dichlorophenol	8.01	162	553914	39.82	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	563495	37.55	ng	96
31) Naphthalene	8.18	128	2016966	39.31	ng	97
32) Benzoic acid	7.93	122	424451	40.49	ng	93
33) 4-Chloroaniline	8.22	127	845177	39.80	ng	95
34) Hexachlorobutadiene	8.29	225	275262	36.40	ng	99
35) Caprolactam	8.60	113	186810	41.47	ng	# 78
36) 4-Chloro-3-methylphenol	8.70	107	617900	39.50	ng	98
37) 2-Methylnaphthalene	8.86	142	1169112	36.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	477078	38.27	ng	97
40) Hexachlorocyclopentadiene	9.01	237	111889	37.58	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	335713	38.82	nq	97
43) 2,4,5-Trichlorophenol	9.18	196	370433	39.33	nq	96
45) 1,1'-Biphenyl	9.33	154	1433886	38.98	nq	97
46) 2-Chloronaphthalene	9.36	162	1130839	40.57	nq	95
47) 2-Nitroaniline	9.45	65	381712	40.29	nq	88
48) Acenaphthylene	9.77	152	1752915	40.27	nq	100
49) Dimethylphthalate	9.63	163	1319780	37.01	nq	100
50) 2,6-Dinitrotoluene	9.69	165	288536	39.32	nq	# 67
51) Acenaphthene	9.94	154	1005525	39.38	nq	100
52) 3-Nitroaniline	9.86	138	369929	39.64	nq	92
53) 2,4-Dinitrophenol	9.96	184	52928	38.32	nq	# 65
54) Dibenzofuran	10.11	168	1389071	40.01	nq	96
55) 4-Nitrophenol	10.02	139	229953	39.74	nq	# 75
56) 2,4-Dinitrotoluene	10.09	165	357024	39.15	nq	# 68
57) Fluorene	10.45	166	1041646	40.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	245153	38.79	nq	99
59) Diethylphthalate	10.33	149	1270704	36.52	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	461481	38.73	nq	93
61) 4-Nitroaniline	10.48	138	340264	38.95	nq	# 80
62) Azobenzene	10.60	77	1304497	38.03	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	89722	39.07	nq	# 63
65) n-Nitrosodiphenylamine	10.57	169	989323	39.76	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	299694	36.93	nq	# 87
67) Hexachlorobenzene	11.00	284	304951	37.44	nq	# 72
68) Atrazine	11.09	200	300511	39.29	nq	96
69) Pentachlorophenol	11.18	266	169740	39.79	nq	97
70) Phenanthrene	11.41	178	1440037	40.24	nq	99
71) Anthracene	11.46	178	1432667	37.38	nq	98
72) Carbazole	11.62	167	1389152	38.30	nq	98
73) Di-n-butylphthalate	11.95	149	1820990	39.00	nq	100
74) Fluoranthene	12.59	202	1207355	36.39	nq	98
76) Benzidine	12.73	184	713214	37.79	nq	99
77) Pyrene	12.82	202	1178882	37.18	nq	99
79) Butylbenzylphthalate	13.45	149	655611	39.17	nq	95
80) Benzo(a)anthracene	14.01	228	875200	38.87	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	591415	37.97	nq	97
82) Chrysene	14.04	228	875014	35.95	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	749473	38.24	nq	99
84) Di-n-octyl phthalate	14.61	149	1372791	38.86	nq	96
85) Indeno(1,2,3-cd)pyrene	16.84	276	1038425	41.49	nq	96
87) Benzo(b)fluoranthene	15.04	252	964794	35.43	nq	100
88) Benzo(k)fluoranthene	15.07	252	994757m	43.39	nq	
89) Benzo(a)pyrene	15.39	252	980707	39.07	nq	98
90) Dibenzo(a,h)anthracene	16.87	278	871334	39.77	nq	99
91) Benzo(g,h,i)perylene	17.27	276	837912	39.89	nq	97

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

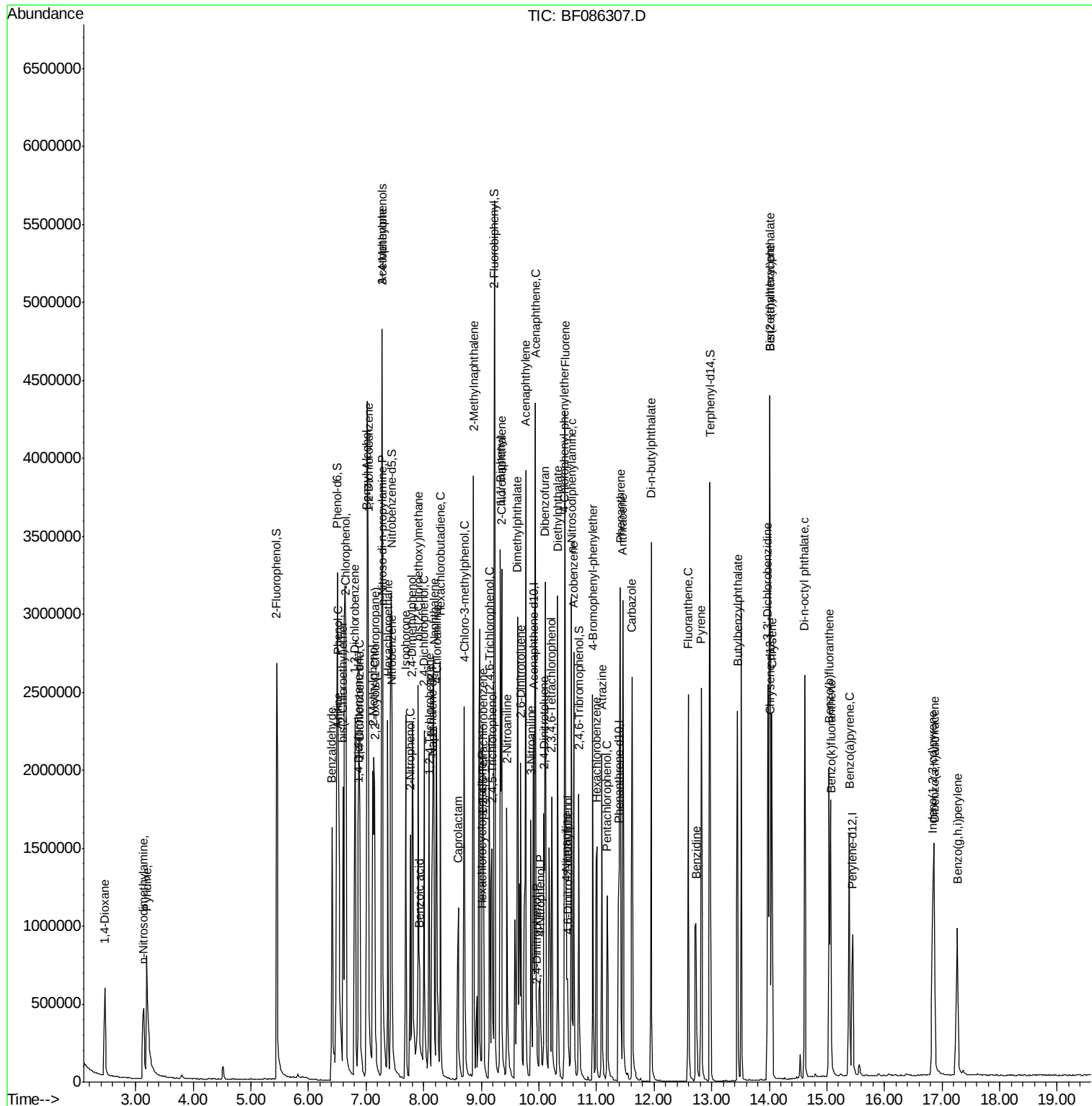
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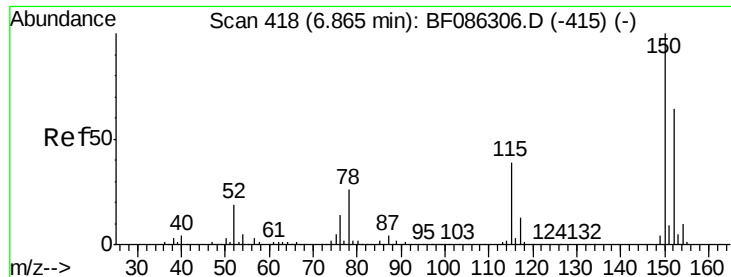
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

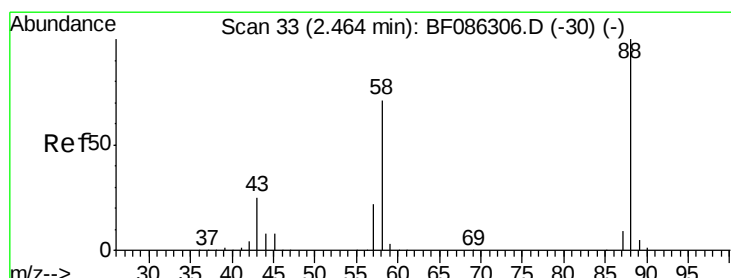
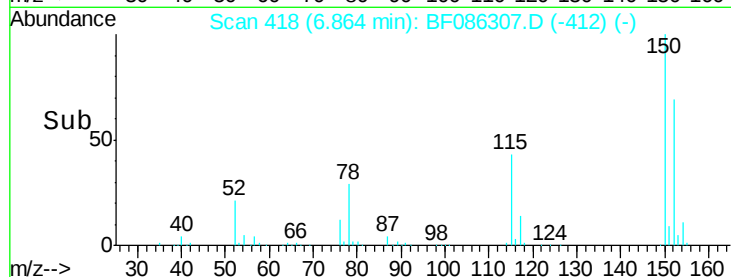
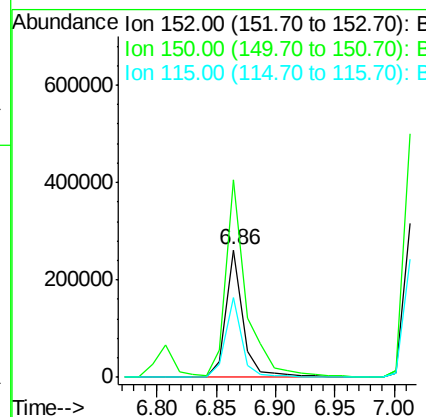
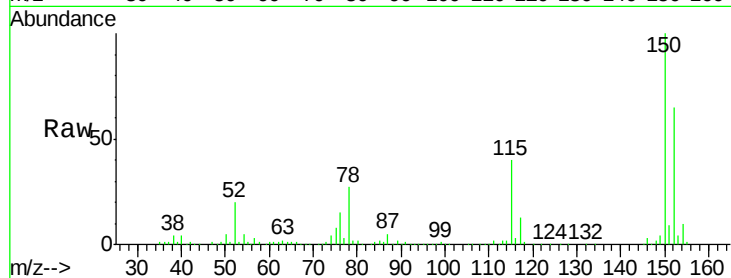
ClientSampleId :

ICVBF042016

Tot Ion:	152	Resp:	260947
Ion Ratio	Lower	Upper	
152	100		
150	155.0	124.1	186.1
115	62.1	43.9	65.9

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#2

1,4-Dioxane

Concen: 39.23 ng

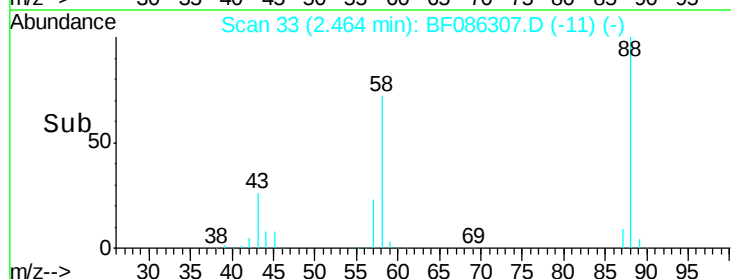
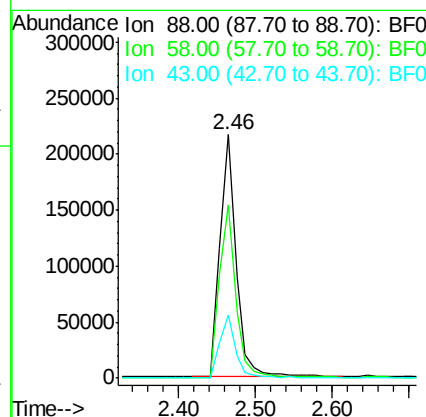
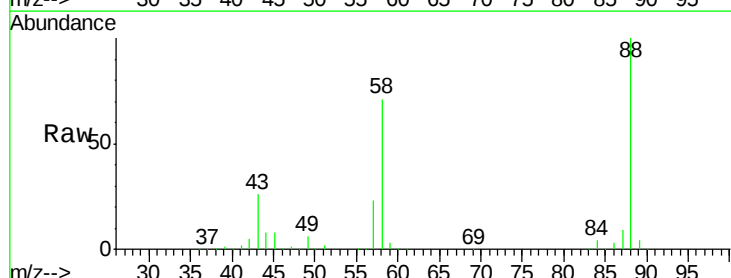
RT: 2.46 min Scan# 33

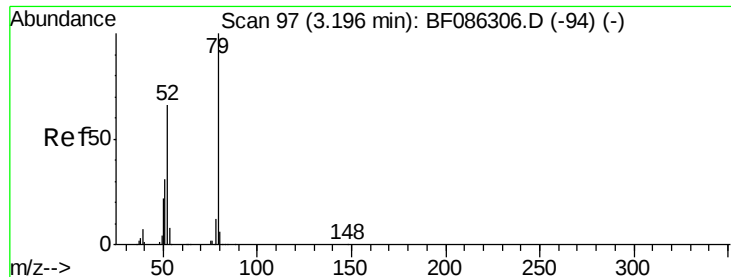
Delta R.T. -0.05 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	88	Resp:	317843
Ion Ratio	Lower	Upper	
88	100		
58	73.8	58.4	87.6
43	26.3	23.3	34.9





#3

Pvrindine

Concen: 40.48 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.06 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

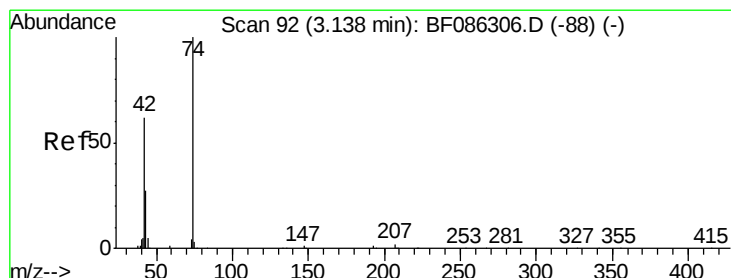
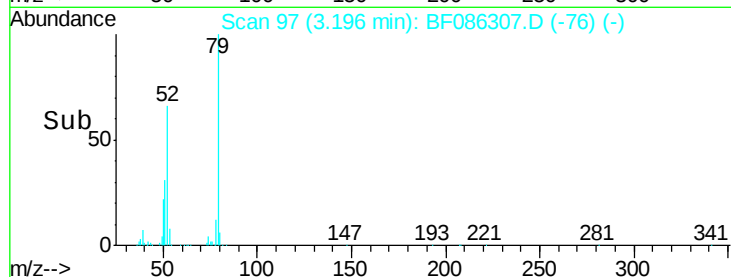
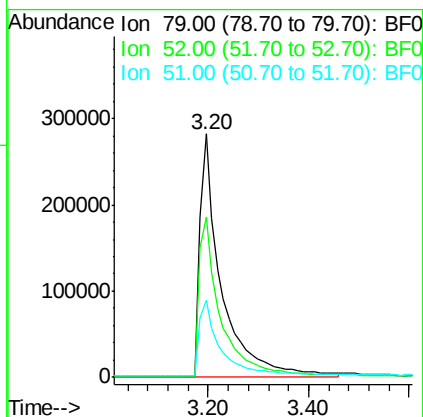
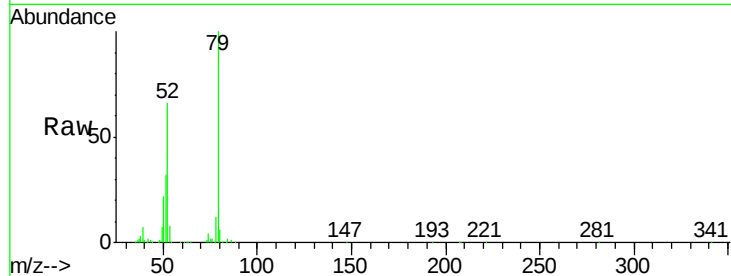
ClientSampleId :

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Tot Ion:	79	Resp:	839694
Ion Ratio	Lower	Upper	
79	100		
52	66.0	55.4	83.2
51	31.7	28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 40.86 ng

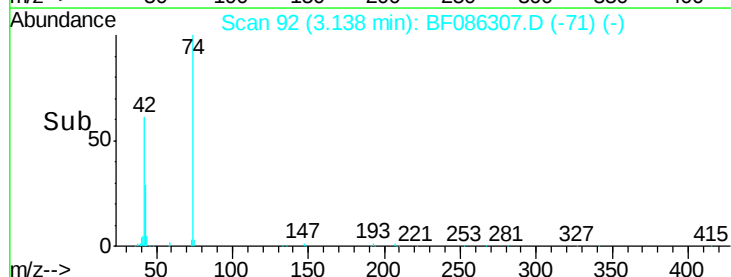
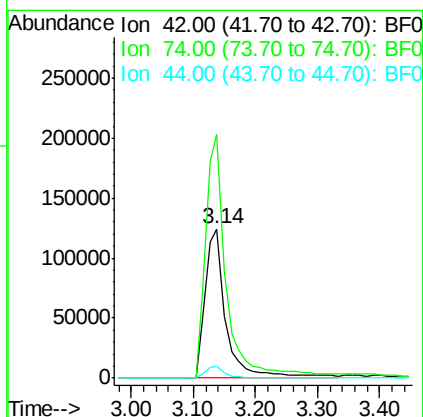
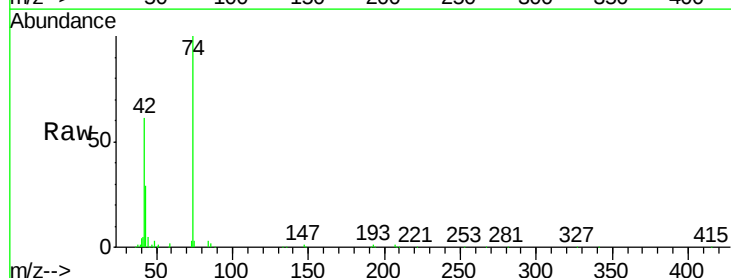
RT: 3.14 min Scan# 92

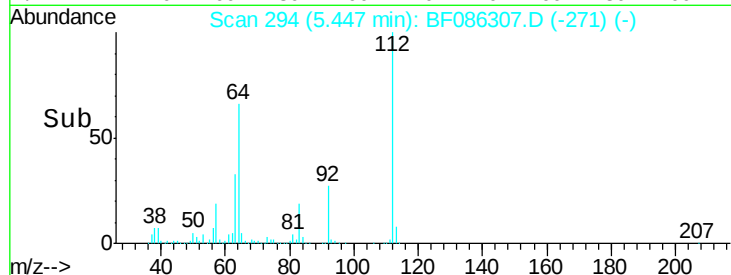
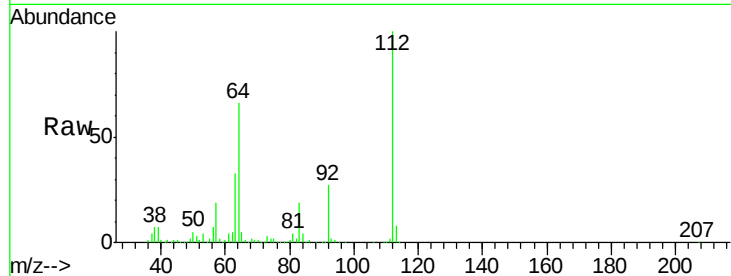
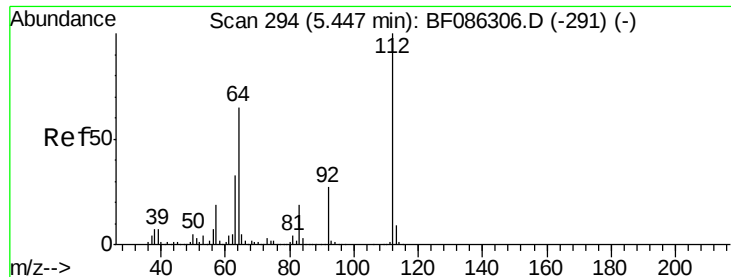
Delta R.T. -0.06 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	42	Resp:	291986
Ion Ratio	Lower	Upper	
42	100		
74	162.8	100.5	150.7#
44	7.7	5.4	8.0





#5

2-Fluorophenol

Concen: 80.86 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tot Ion:	112	Resp:	1209321
Ion	Ratio	Lower	Upper
112	100		
64	65.7	48.1	72.1
63	32.7	25.5	38.3

Instrument :

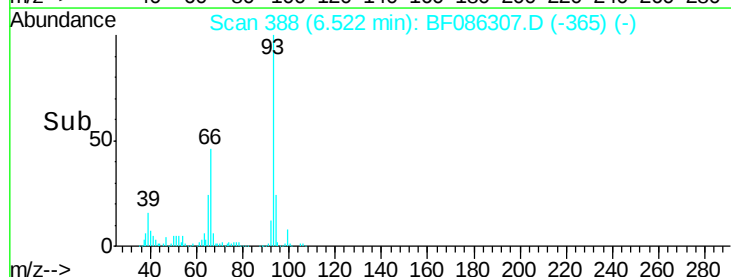
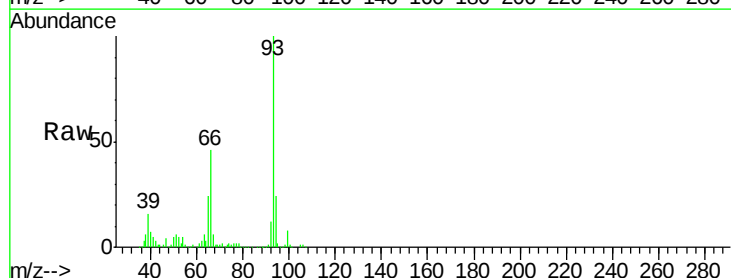
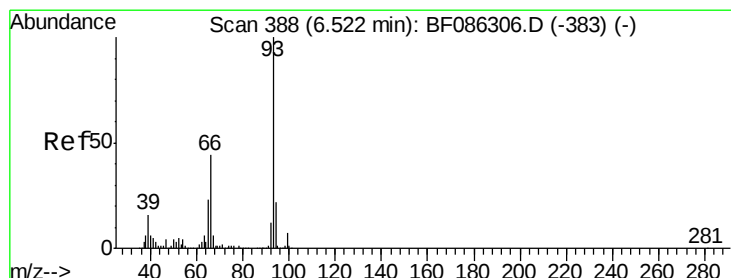
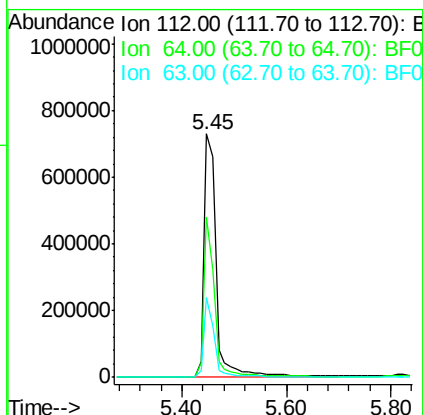
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#6

Aniline

Concen: 39.34 ng

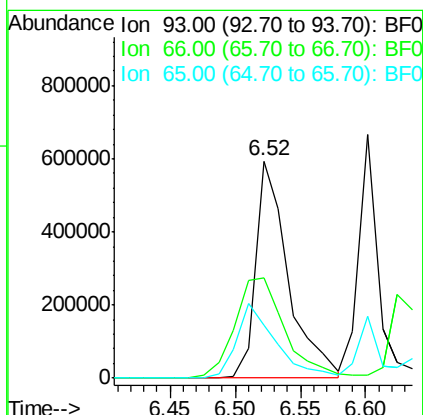
RT: 6.52 min Scan# 388

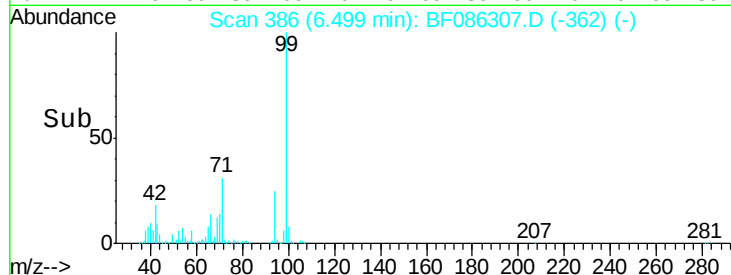
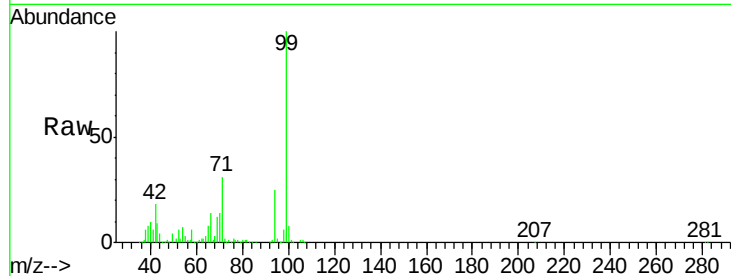
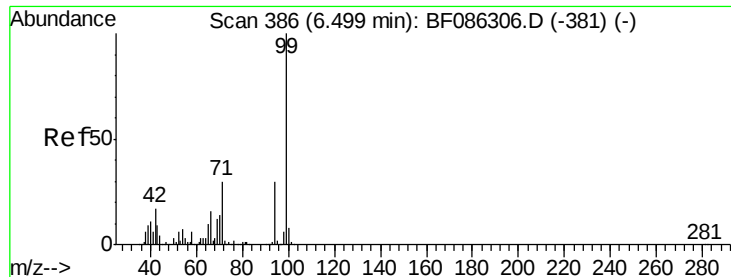
Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	93	Resp:	1036199
Ion	Ratio	Lower	Upper
93	100		
66	46.0	32.2	48.2
65	24.5	16.4	24.6





#7

Phenol-d6

Concen: 76.51 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tot Ion: 99 Resp: 1497449

Ion Ratio Lower Upper

99 100

42 17.8 15.4 23.2

71 30.7 25.6 38.4

Instrument :

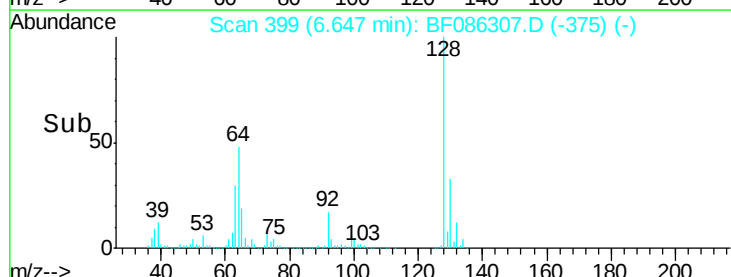
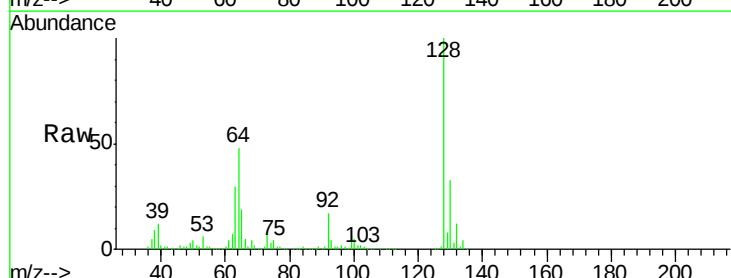
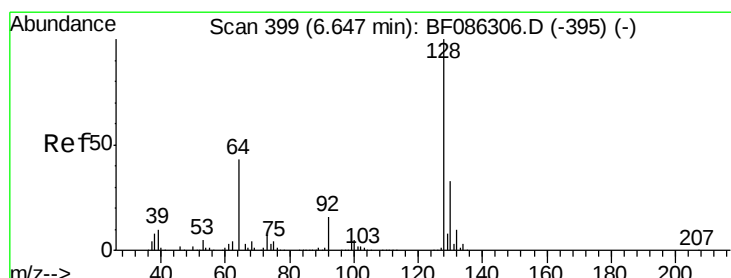
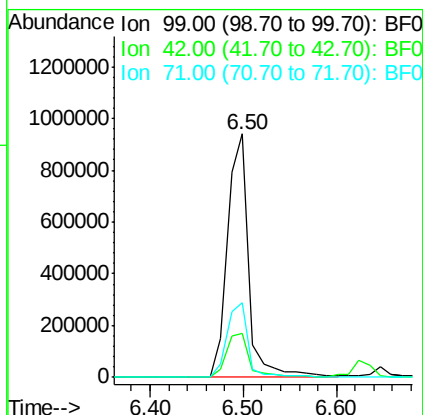
BNA_F

ClientSampleId :

ICVBF042016

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#8

2-Chlorophenol

Concen: 37.55 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

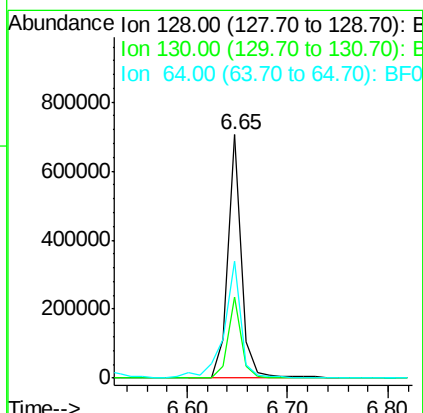
Tgt Ion: 128 Resp: 667178

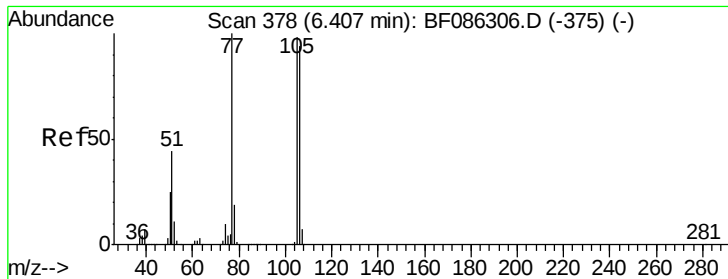
Ion Ratio Lower Upper

128 100

130 33.2 11.8 51.8

64 48.0 39.5 79.5





#9

Benzaldehyde

Concen: 39.76 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

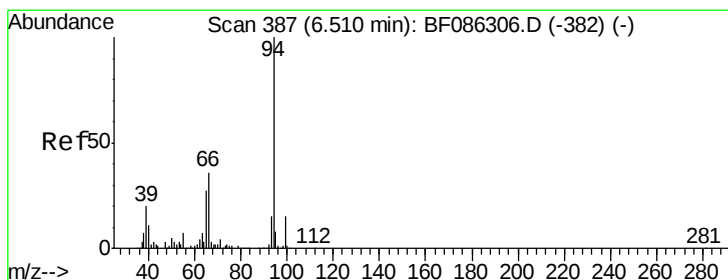
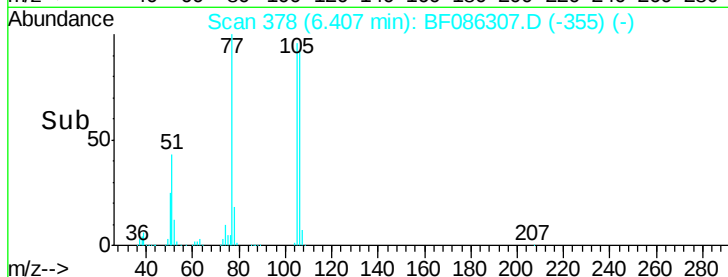
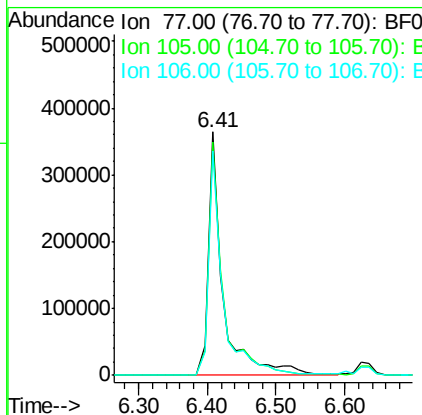
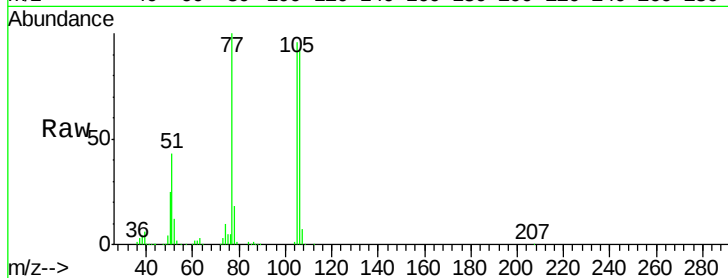
ClientSampleId :

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Tot Ion:	77	Resp:	551594
Ion Ratio	Lower	Upper	
77	100		
105	95.7	84.6	124.6
106	92.0	78.6	118.6

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#10

Phenol

Concen: 41.02 ng

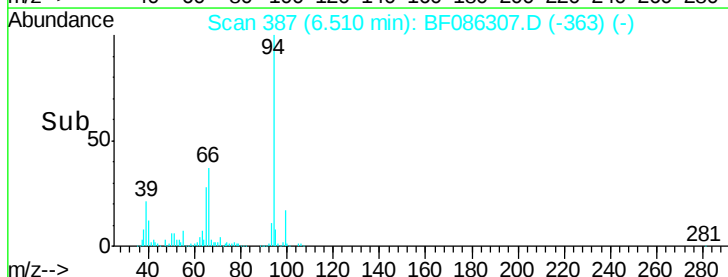
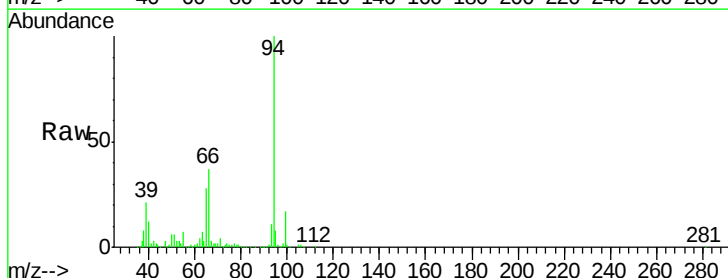
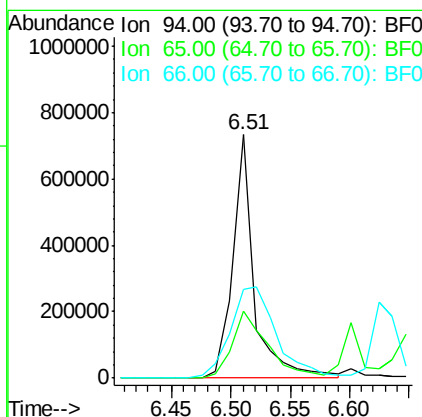
RT: 6.51 min Scan# 387

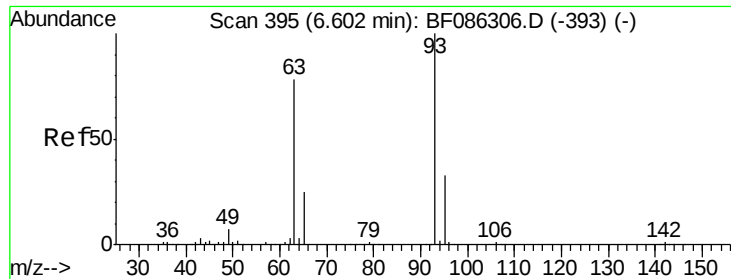
Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	94	Resp:	920022
Ion Ratio	Lower	Upper	
94	100		
65	27.6	7.9	47.9
66	36.5	16.5	56.5





#11

bis(2-Chloroethyl)ether

Concen: 38.09 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

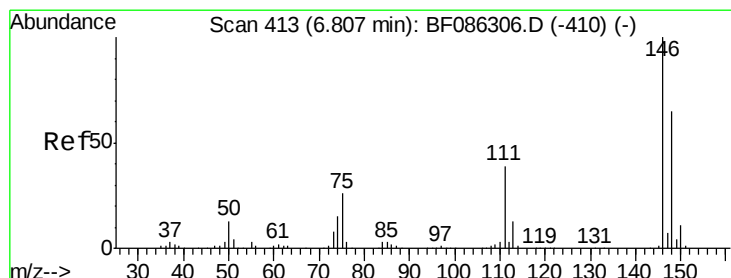
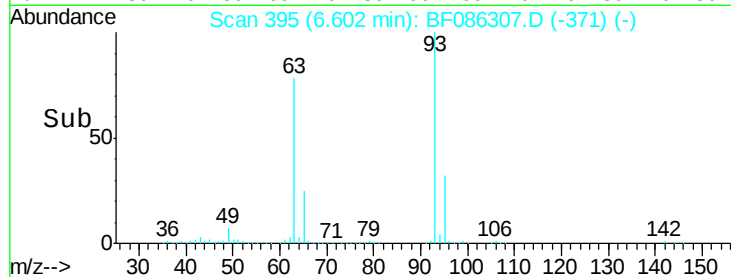
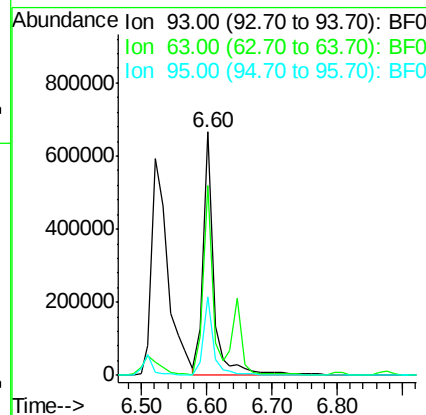
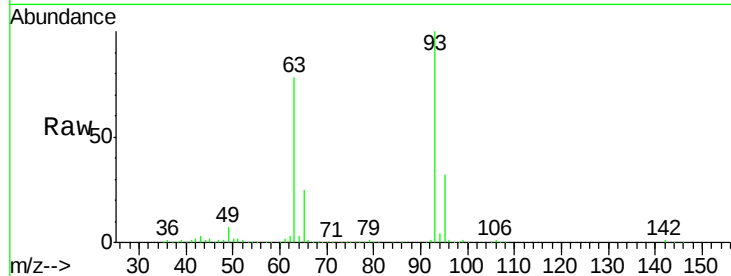
ClientSampleId :

ICVBF042016

Tot Ion:	93	Resp:	746213
Ion Ratio	Lower	Upper	
93	100		
63	78.0	44.4	84.4
95	32.1	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 39.09 ng m

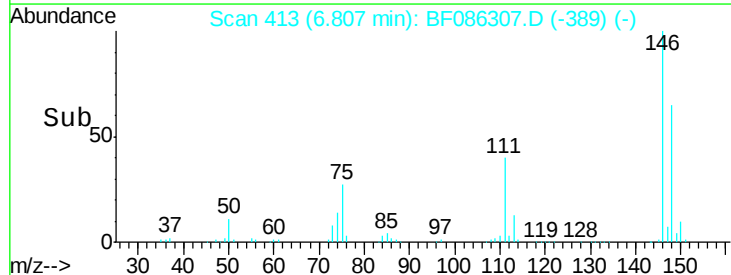
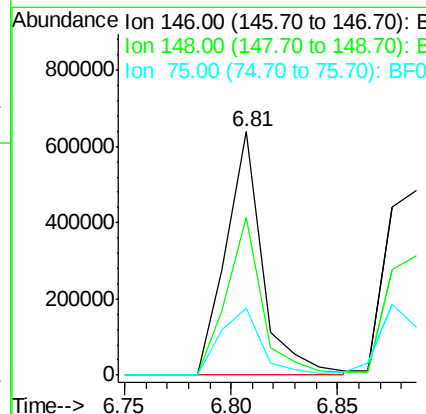
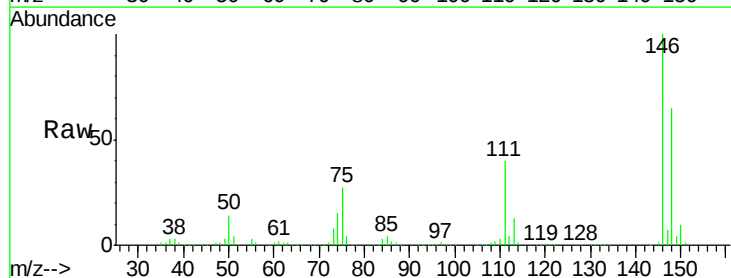
RT: 6.81 min Scan# 413

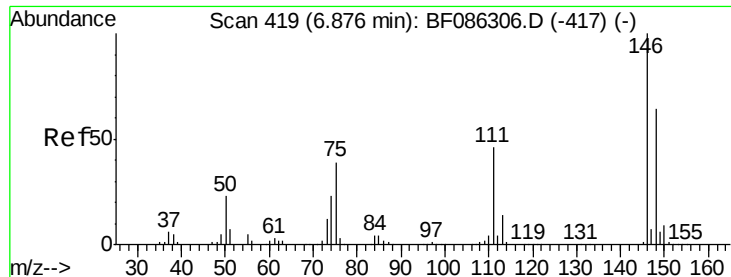
Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	146	Resp:	761936
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.0	76.4
75	27.4	29.9	44.9#





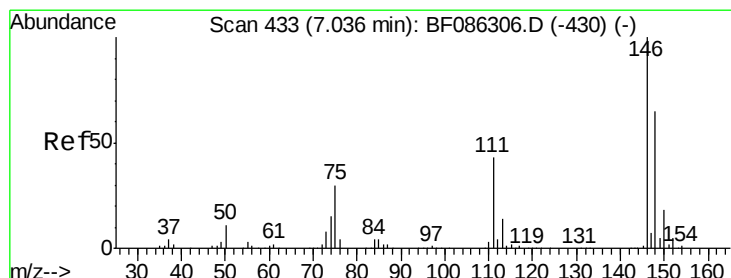
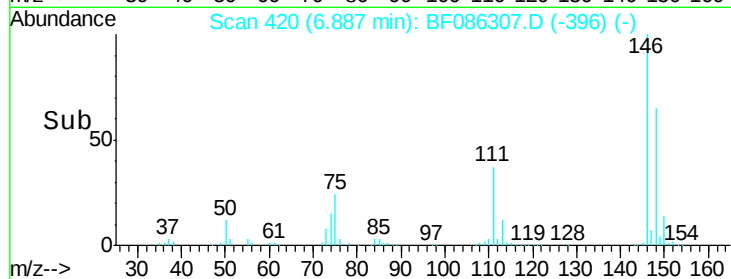
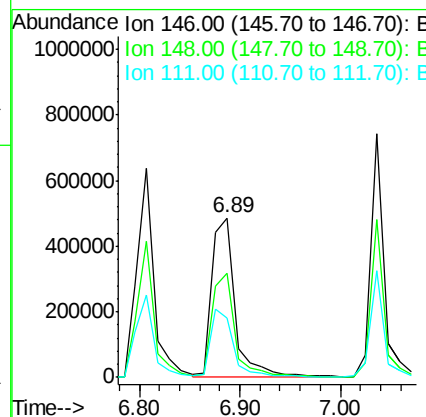
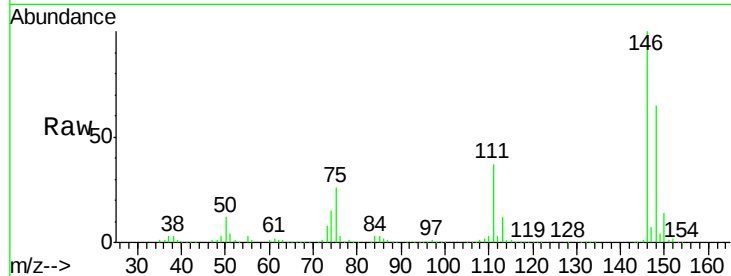
#13
 1,4-Dichlorobenzene
 Concen: 37.44 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
111	37.0	34.9	52.3

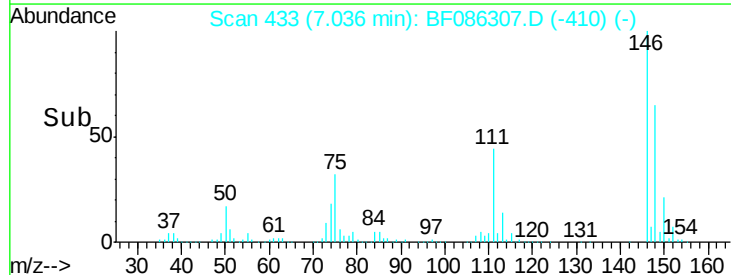
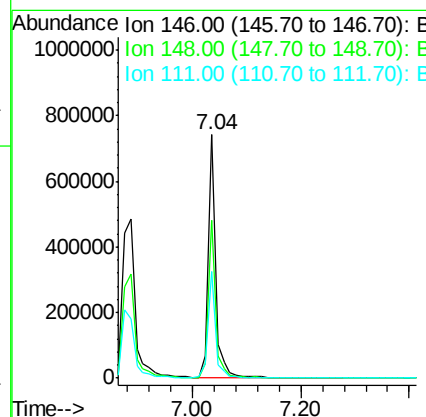
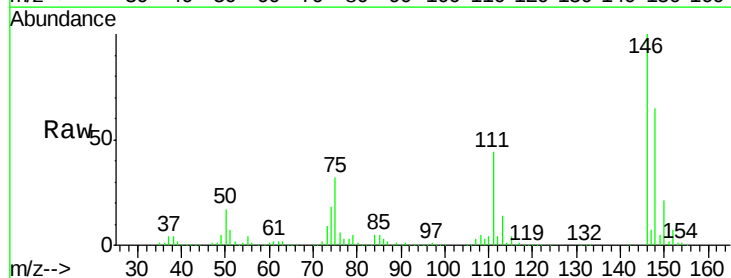
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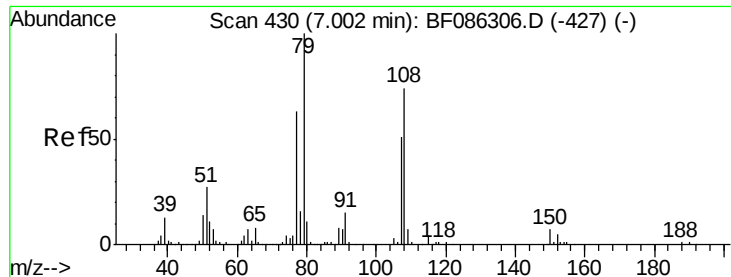
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#14
 1,2-Dichlorobenzene
 Concen: 37.67 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	43.9	31.0	46.4





#15

Benzyl Alcohol

Concen: 39.78 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

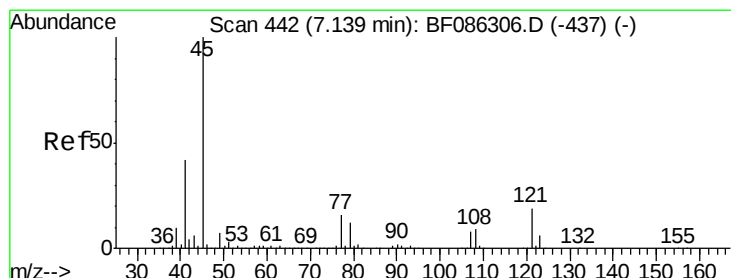
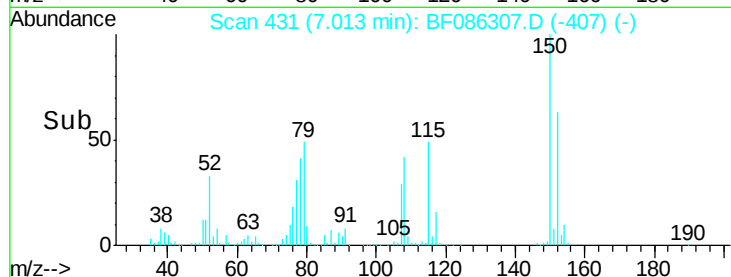
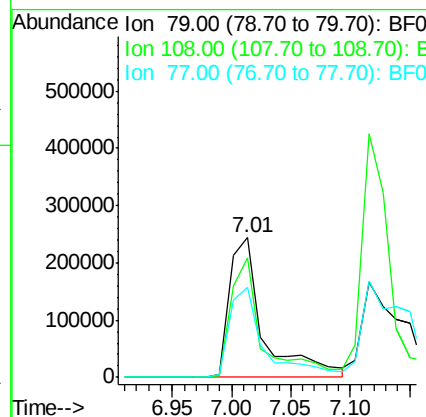
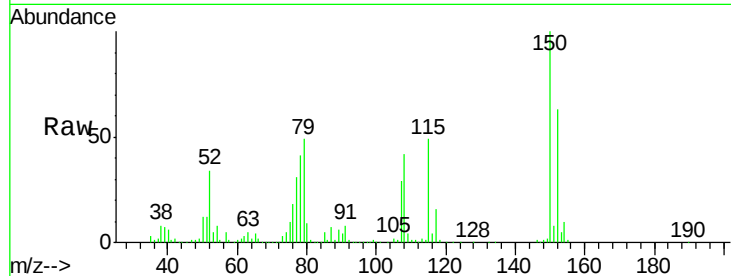
ClientSampleId :

ICVBF042016

Tot Ion:	79	Resp:	483690
Ion Ratio	Lower	Upper	
79	100		
108	85.6	64.8	97.2
77	64.4	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.83 ng

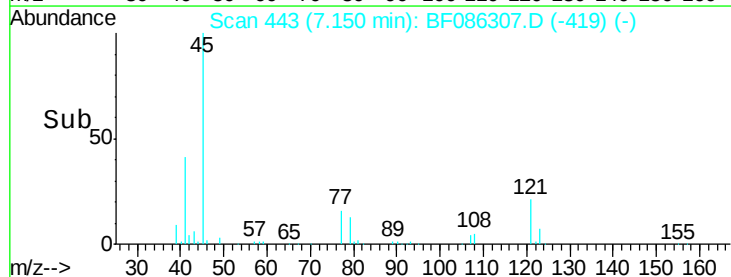
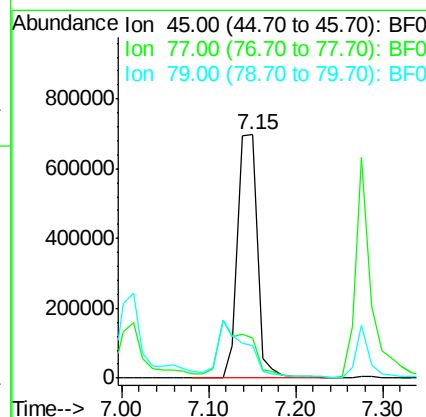
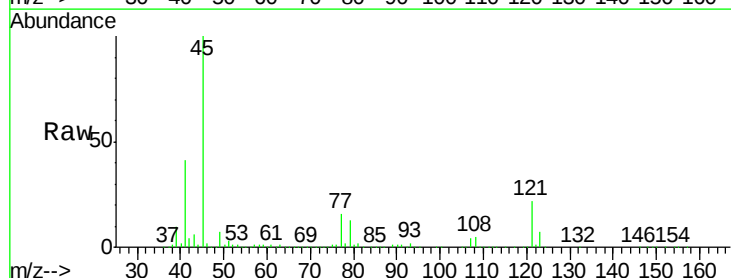
RT: 7.15 min Scan# 443

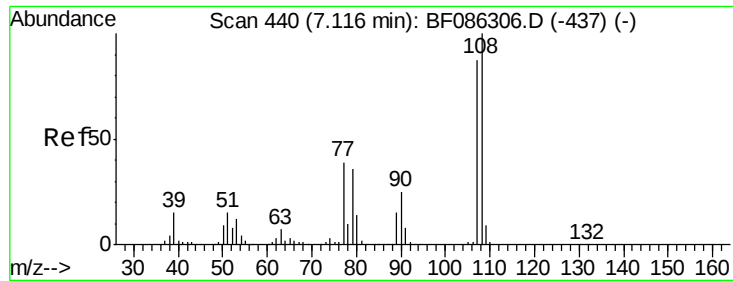
Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	45	Resp:	1097849
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	33.7
79	13.4	0.0	30.1





#17

2-Methylphenol

Concen: 38.59 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

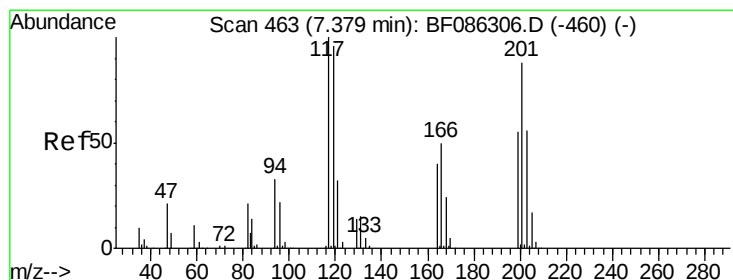
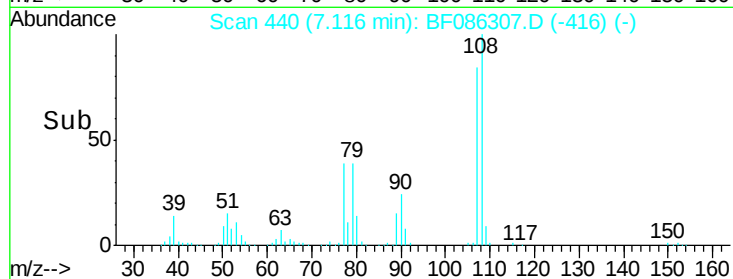
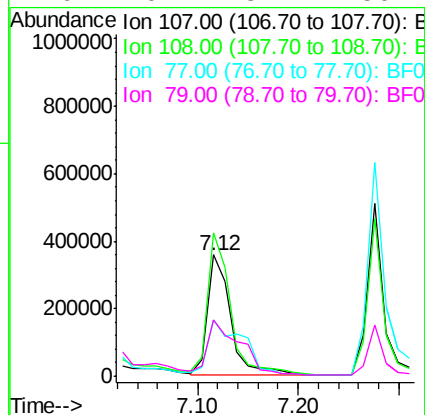
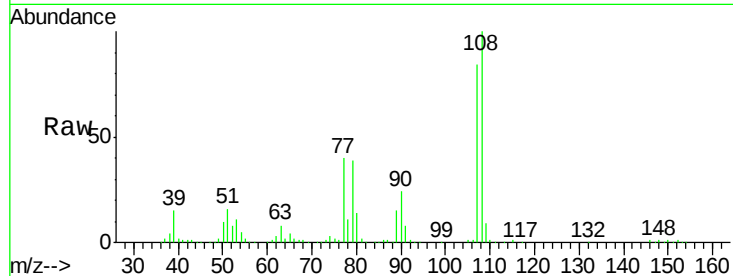
ClientSampleId :

ICVBF042016

Tot Ion:	107	Resp:	572927
Ion Ratio	Lower	Upper	
107	100		
108	118.4	92.7	139.1
77	46.8	39.6	59.4
79	46.4	37.4	56.2

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#18

Hexachloroethane

Concen: 40.56 ng

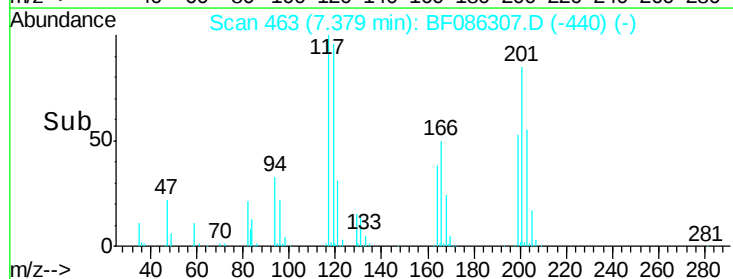
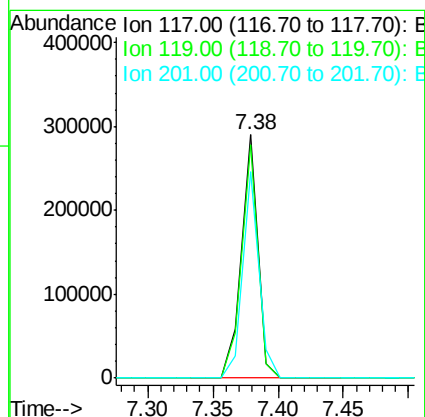
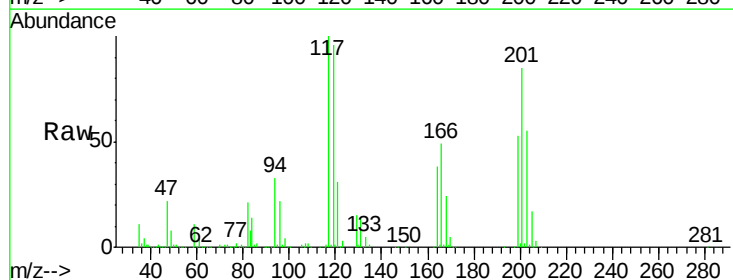
RT: 7.38 min Scan# 463

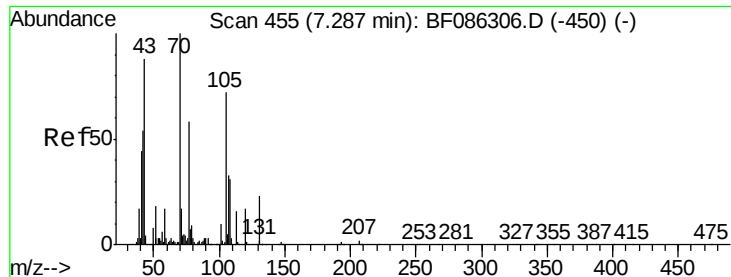
Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	117	Resp:	251767
Ion Ratio	Lower	Upper	
117	100		
119	95.9	78.2	117.4
201	84.6	75.7	113.5





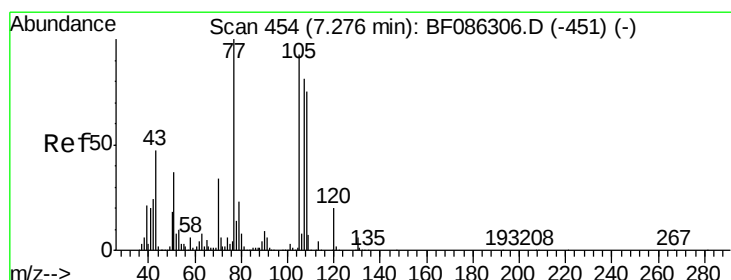
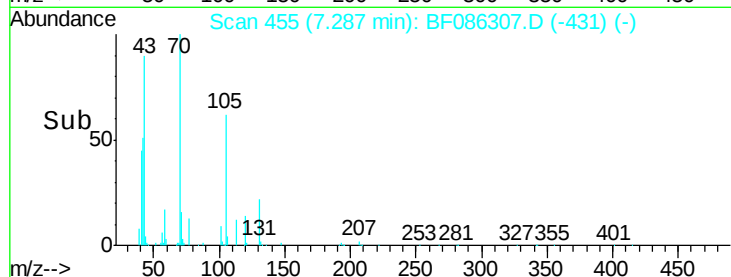
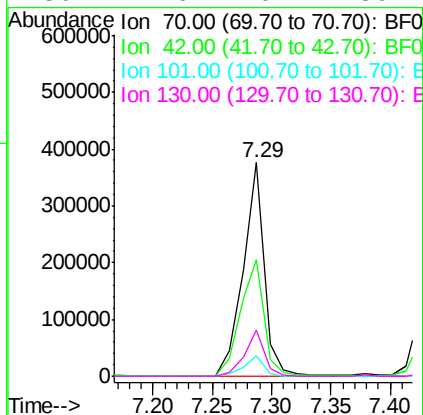
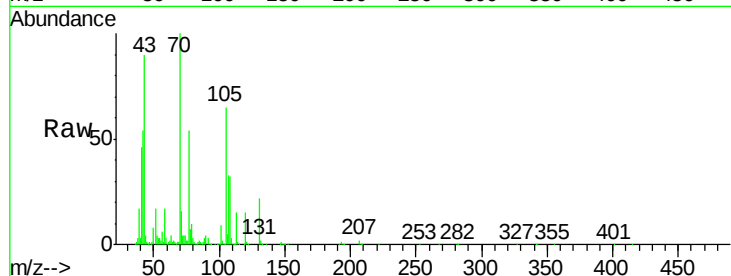
#19
n-Nitroso-di-n-propylamine
Concen: 39.84 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		472336		
42	54.4	43.0	64.4		
101	9.4	8.1	12.1		
130	21.6	20.1	30.1		

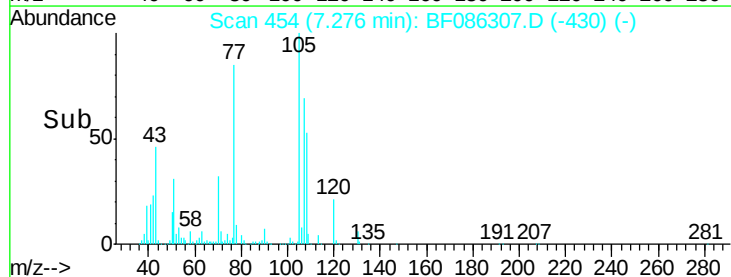
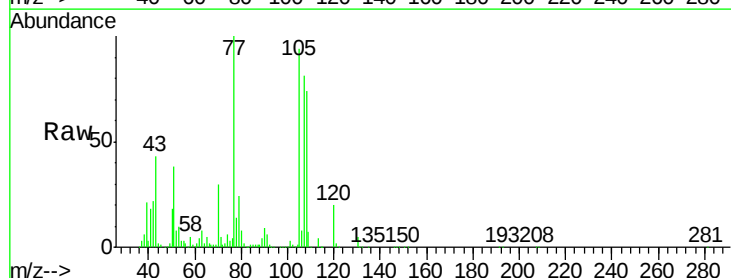
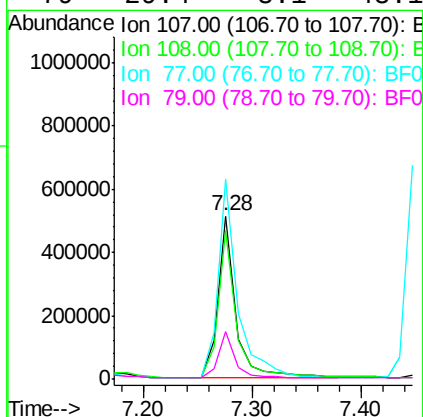
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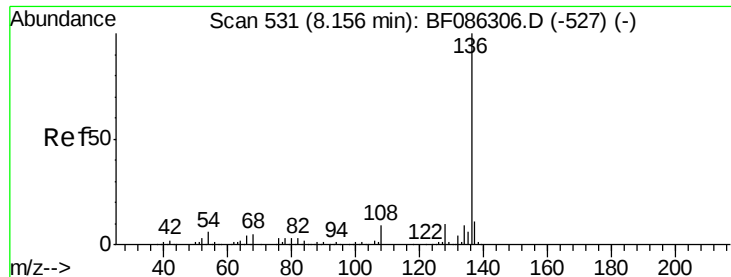
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#20
3+4-Methylphenols
Concen: 36.91 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		594495		
108	91.1	69.7	109.7		
77	123.1	60.5	100.5#		
79	29.4	8.1	48.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:136 Resp: 1076421

Ion Ratio Lower Upper

136 100

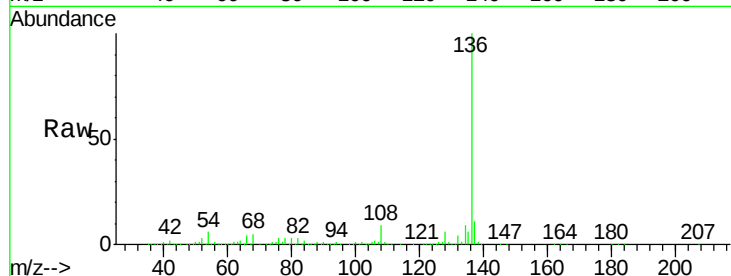
137 10.8 9.1 13.7

54 6.3 7.3 10.9#

68 5.5 5.7 8.5#

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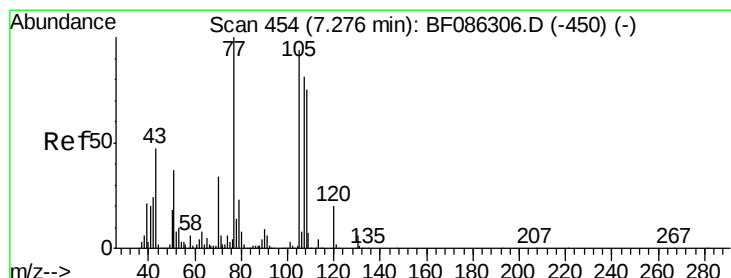
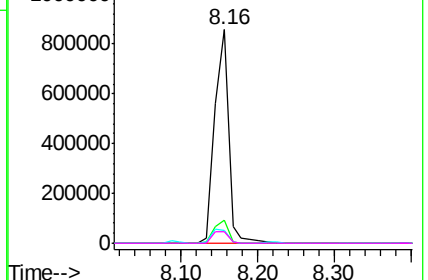
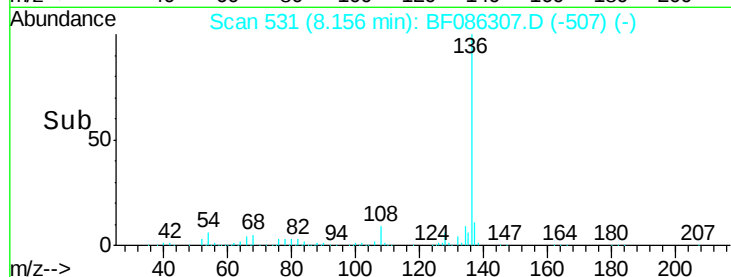


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.10 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:105 Resp: 816349

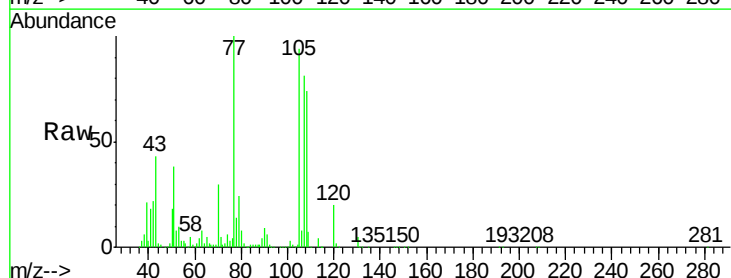
Ion Ratio Lower Upper

105 100

71 5.6 4.0 6.0

51 40.6 22.0 33.0#

120 21.3 17.5 26.3

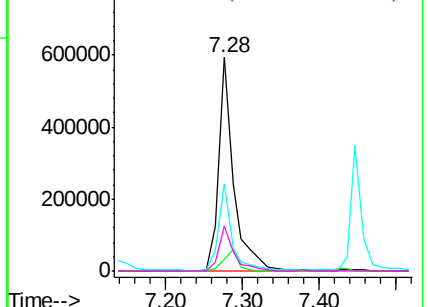
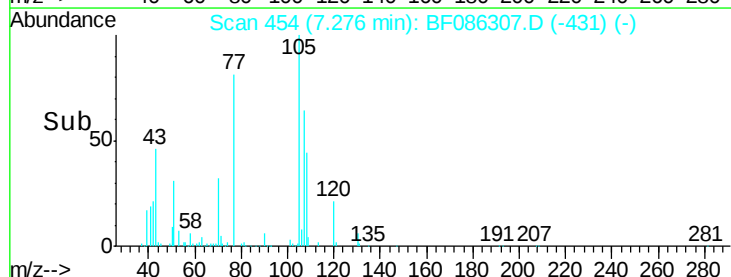


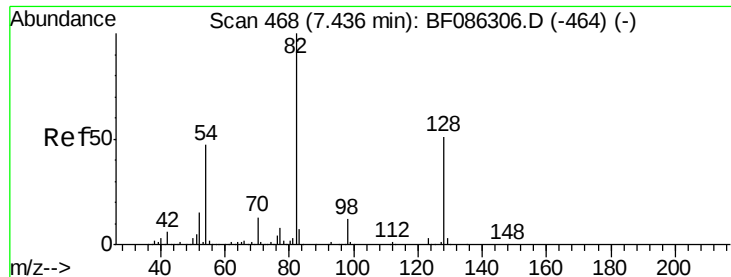
Abundance Ion 105.00 (104.70 to 105.70): E

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





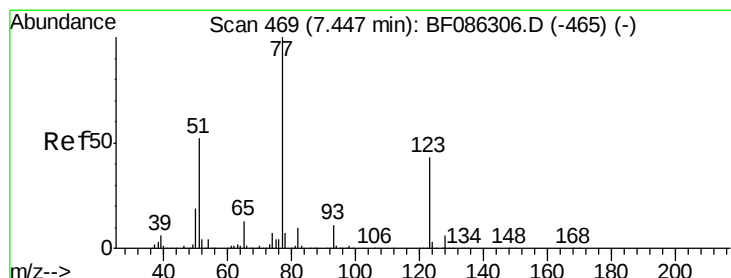
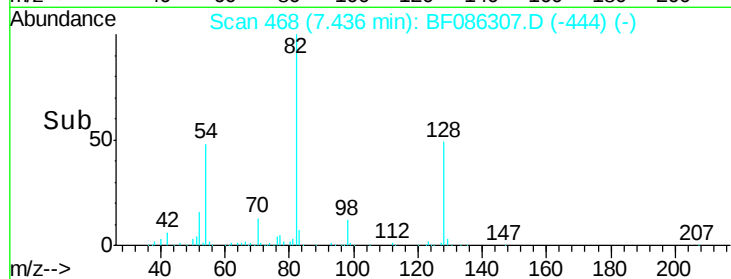
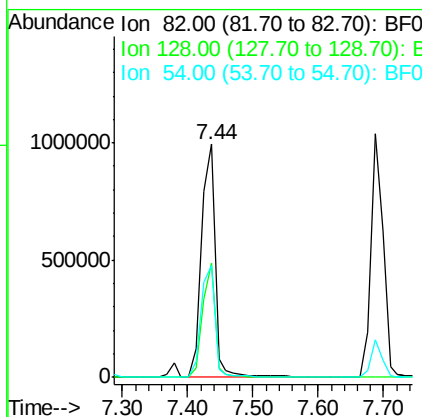
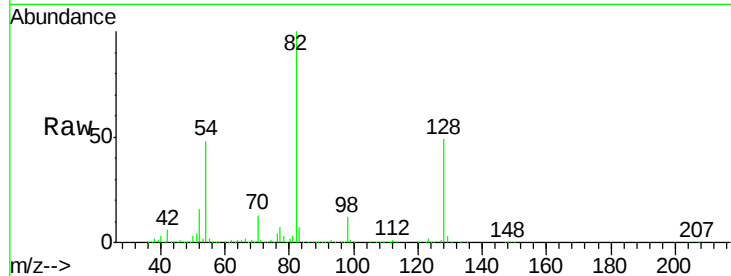
#23
 Nitrobenzene-d5
 Concen: 76.23 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Tot Ion	82	Resp	1432692
Ion Ratio	100	Lower	Upper
82	100		
128	49.3	35.4	53.2
54	47.9	43.4	65.0

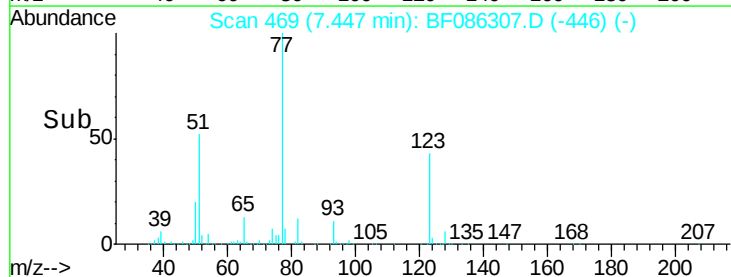
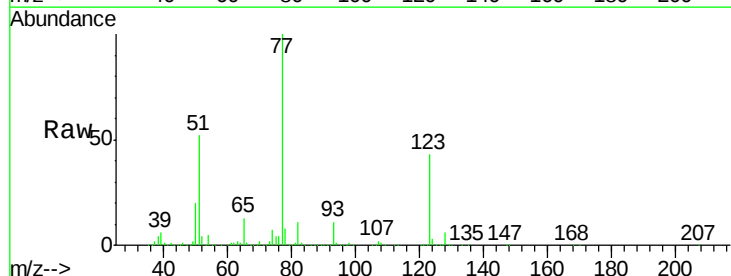
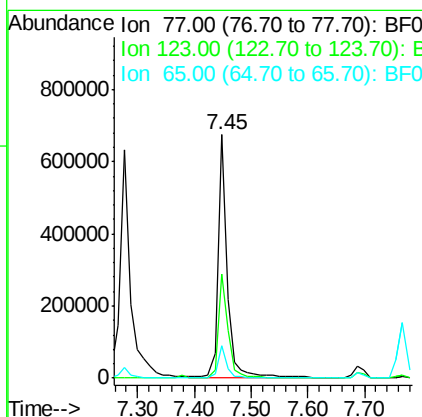
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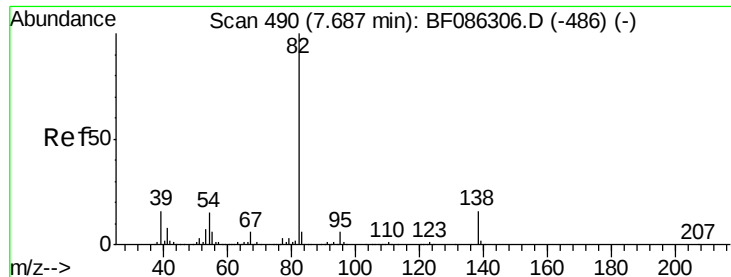
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#24
 Nitrobenzene
 Concen: 37.01 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	77	Resp	744092
Ion Ratio	100	Lower	Upper
77	100		
123	42.7	38.3	57.5
65	13.4	11.3	16.9





#25

Isophorone

Concen: 36.86 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion: 82 Resp: 1312668

Ion Ratio Lower Upper

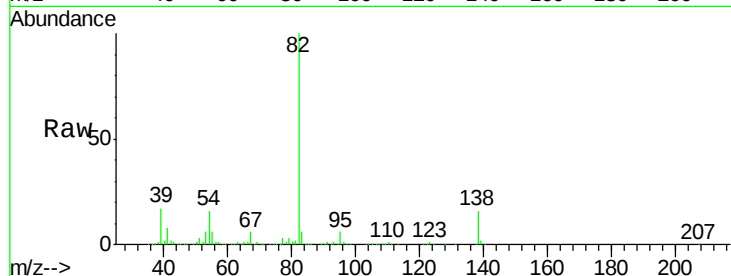
82 100

95 6.3 5.4 8.2

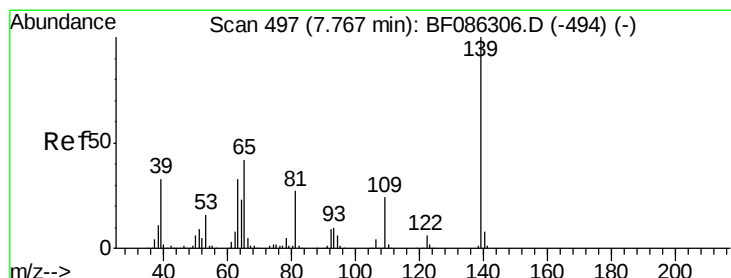
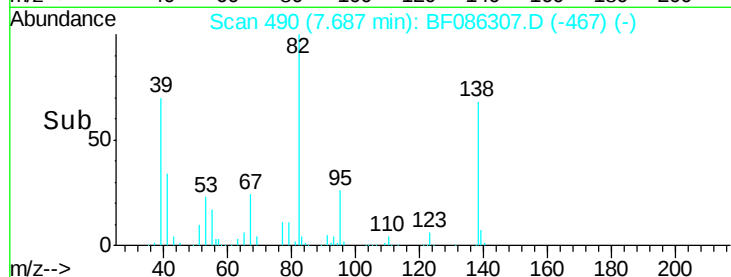
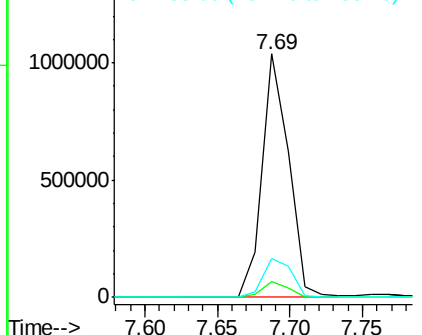
138 16.2 13.4 20.2

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



#26

2-Nitrophenol

Concen: 42.81 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

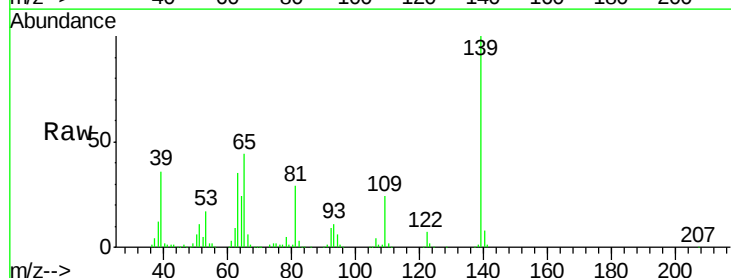
Tgt Ion: 139 Resp: 385065

Ion Ratio Lower Upper

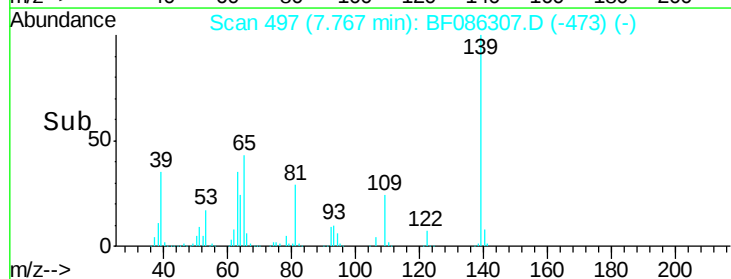
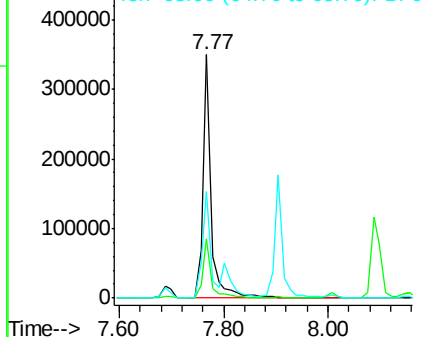
139 100

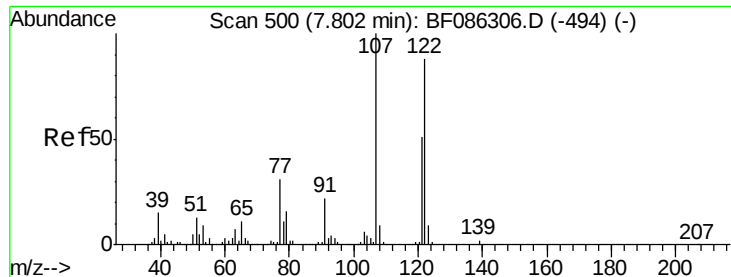
109 24.3 25.8 38.8#

65 43.6 50.2 75.2#



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





#27

2,4-Dimethylphenol

Concen: 36.46 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

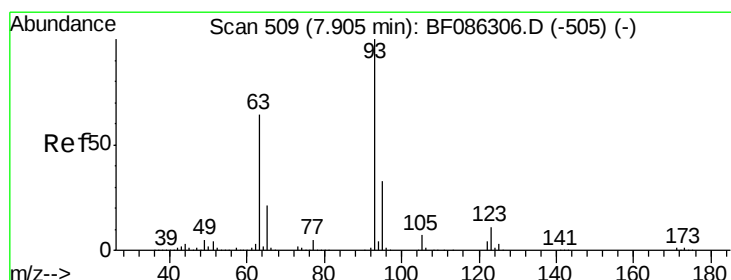
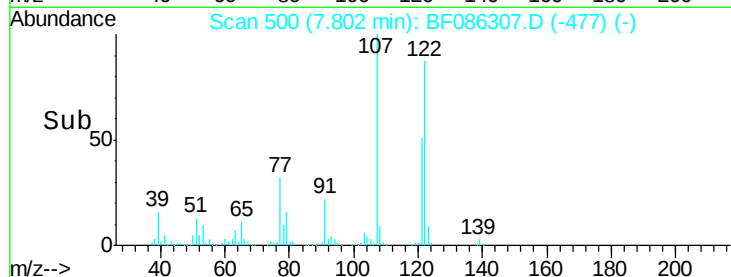
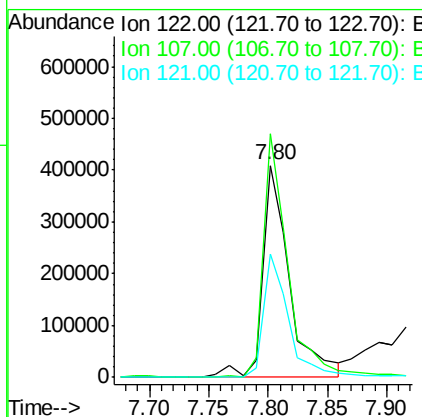
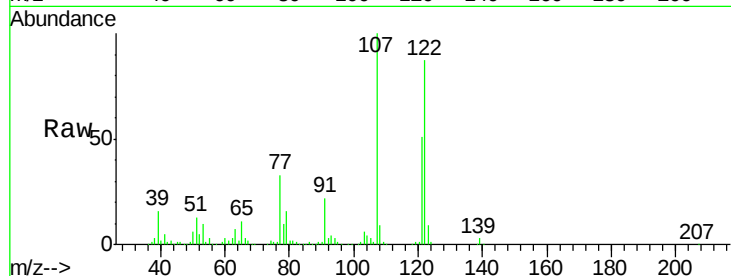
ClientSampleId :

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Tot Ion:	122	Resp:	643134
Ion Ratio	Lower	Upper	
122	100		
107	115.1	85.8	128.6
121	58.5	47.1	70.7

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#28

bis(2-Chloroethoxy)methane

Concen: 39.49 ng

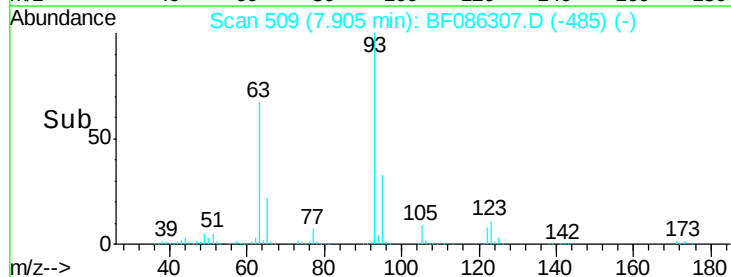
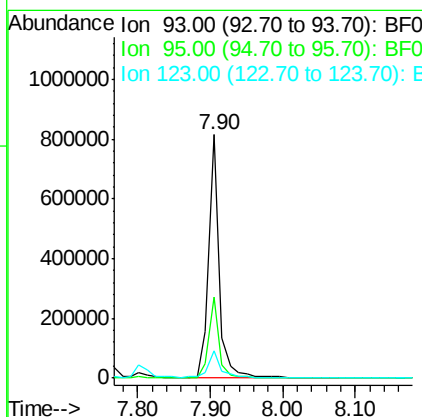
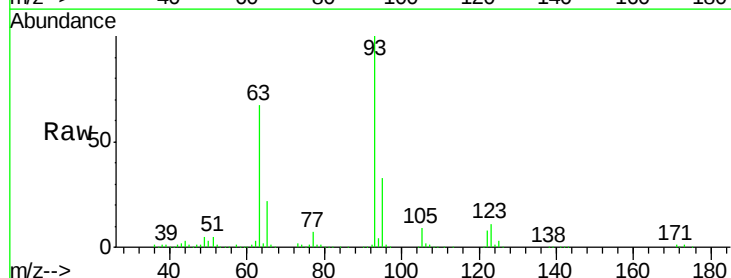
RT: 7.90 min Scan# 509

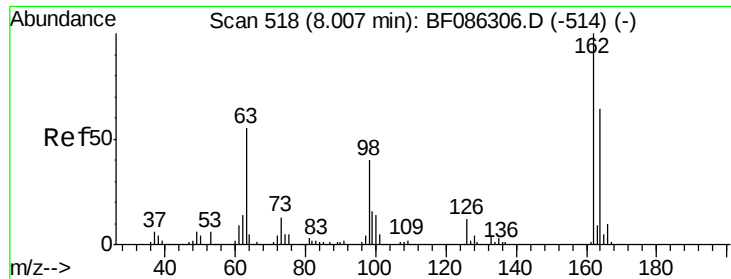
Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	93	Resp:	822453
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.8	38.8
123	11.2	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 39.82 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

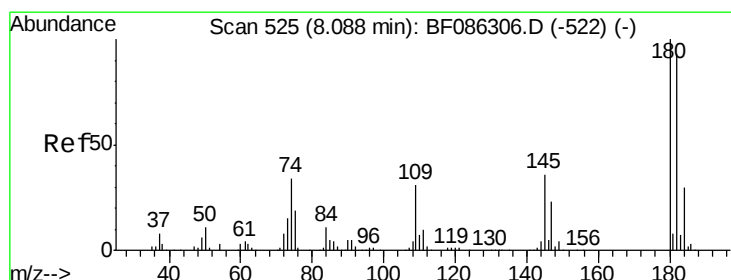
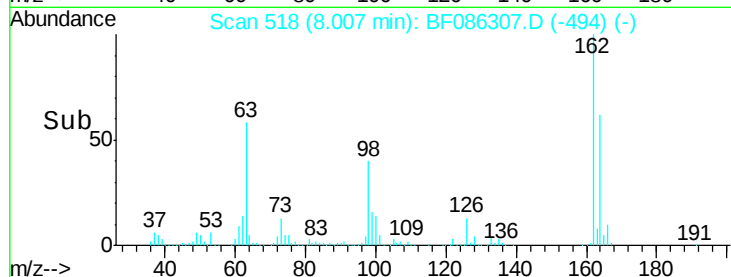
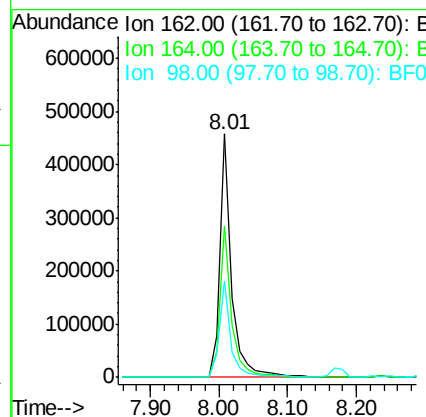
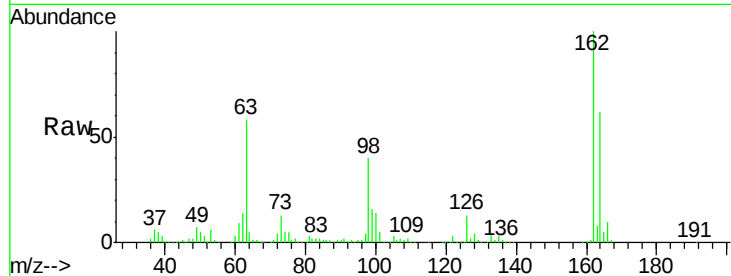
ClientSampleId :

ICVBF042016

Tot Ion:	162	Resp:	553914
Ion Ratio		Lower	Upper
162	100		
164	62.1	43.3	83.3
98	39.8	22.9	62.9

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#30

1,2,4-Trichlorobenzene

Concen: 37.55 ng

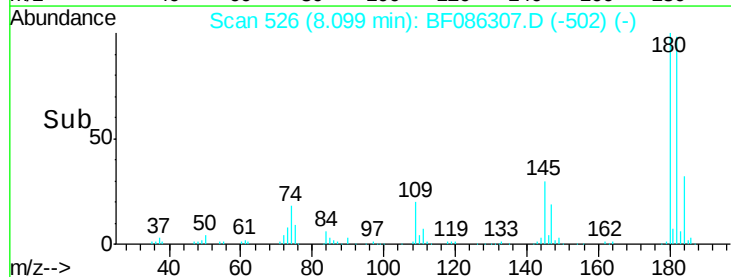
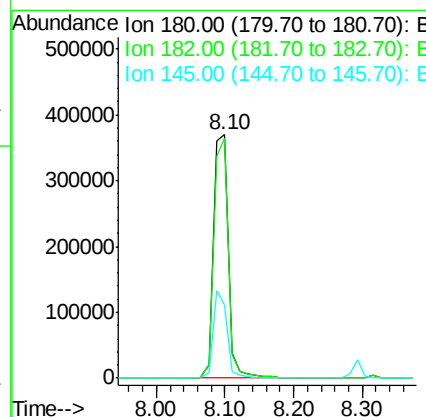
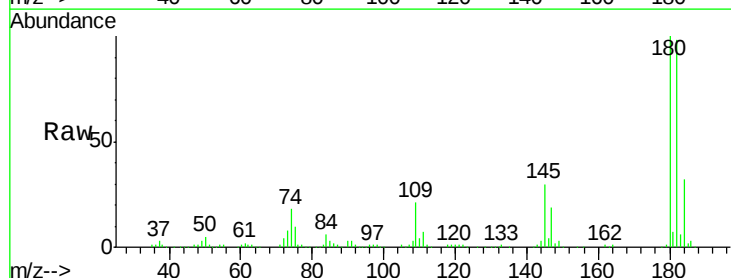
RT: 8.10 min Scan# 526

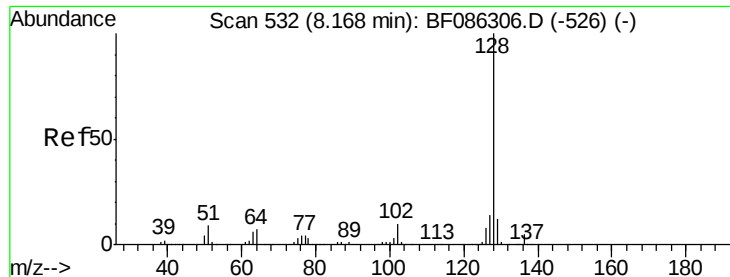
Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	180	Resp:	563495
Ion Ratio		Lower	Upper
180	100		
182	98.3	76.3	114.5
145	30.3	27.4	41.2





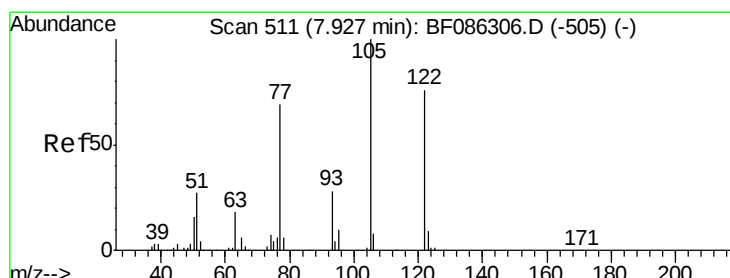
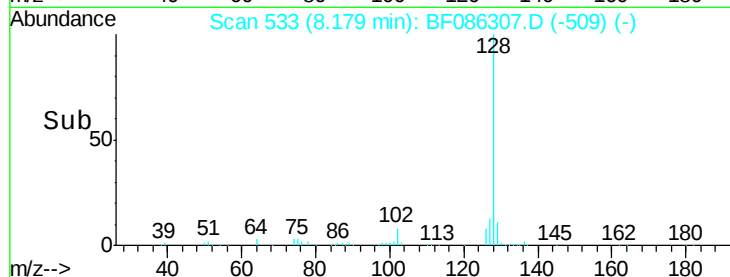
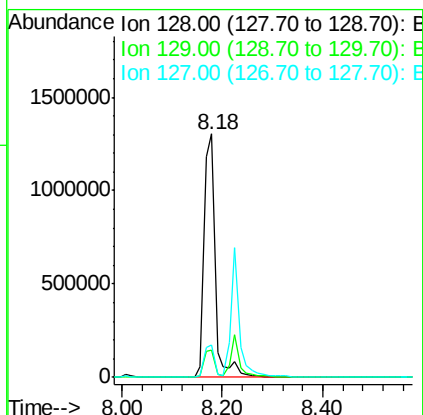
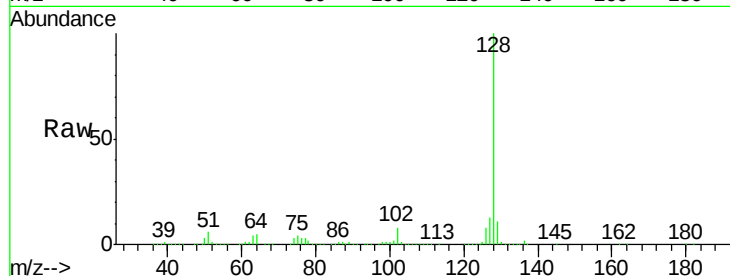
#31
Naphthalene
Concen: 39.31 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion:128 Resp: 2016966
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 13.3 11.4 17.2

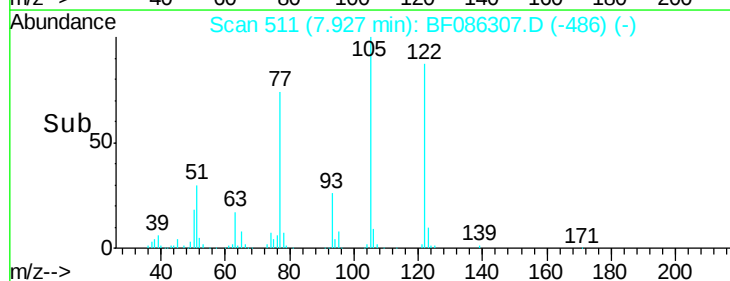
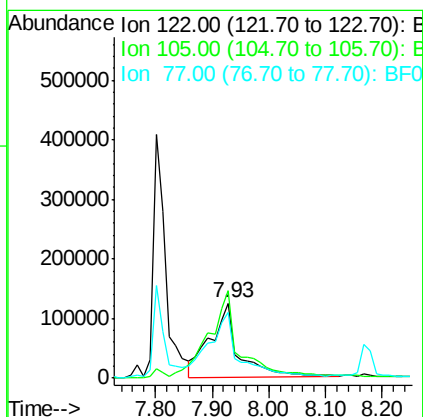
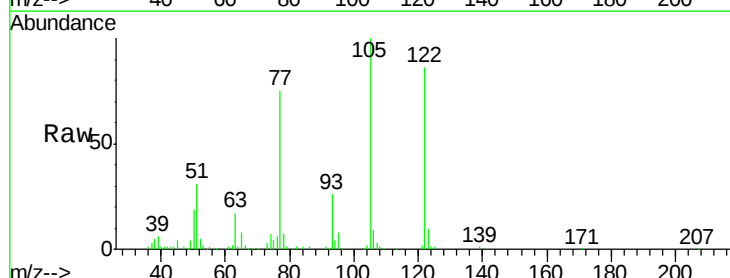
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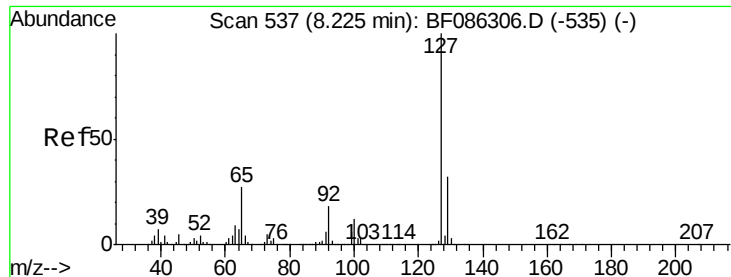
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#32
Benzoic acid
Concen: 40.49 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:122 Resp: 424451
Ion Ratio Lower Upper
122 100
105 115.9 103.7 143.7
77 87.4 74.9 114.9





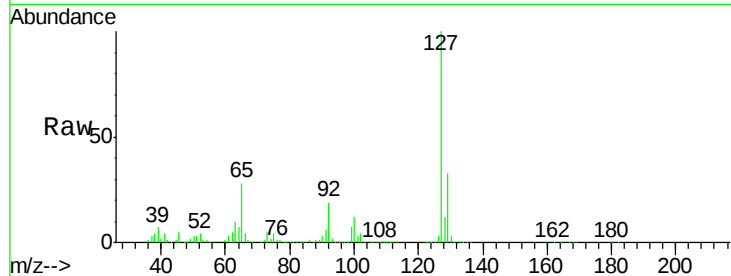
#33
4-Chloroaniline
Concen: 39.80 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

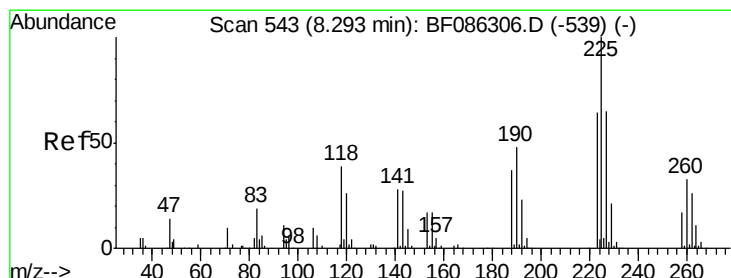
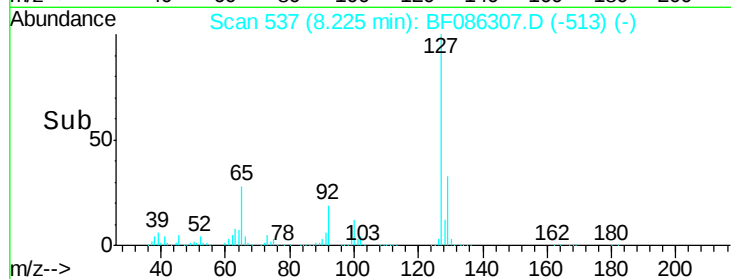
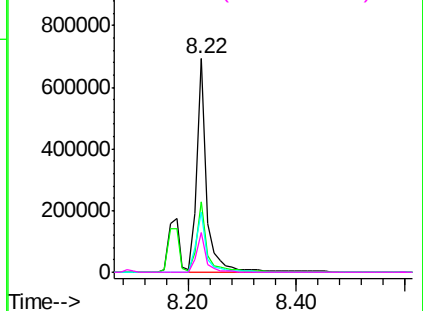
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		845177		
129	33.0		26.8	40.2	
65	28.3		27.1	40.7	
92	18.8		16.2	24.2	

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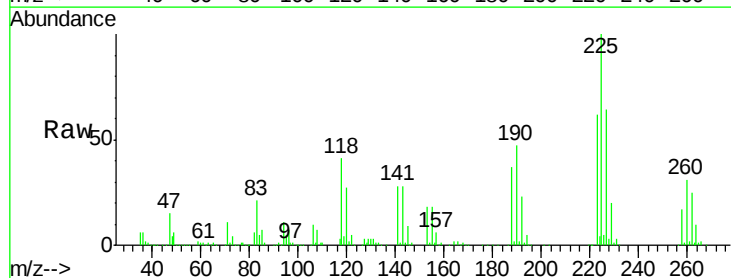


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

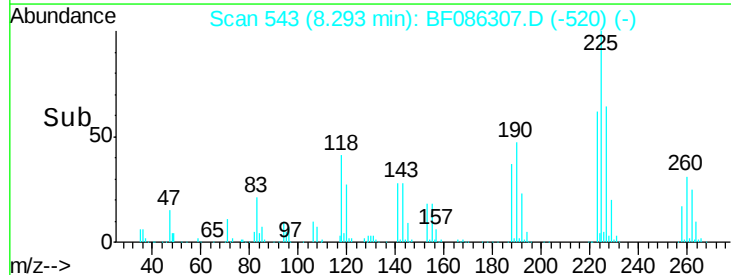
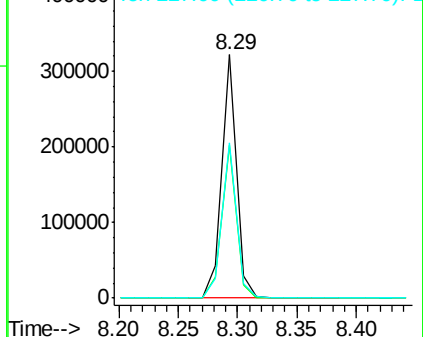


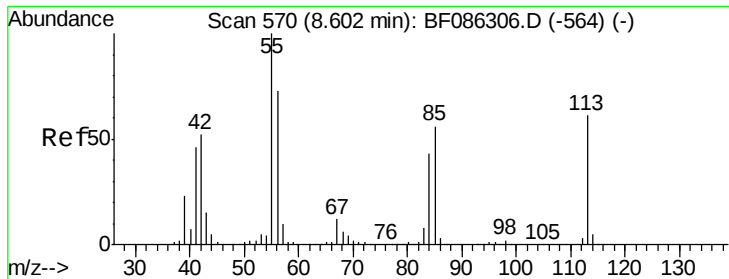
#34
Hexachlorobutadiene
Concen: 36.40 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		275262		
223	62.5		49.4	74.0	
227	63.9		51.1	76.7	



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





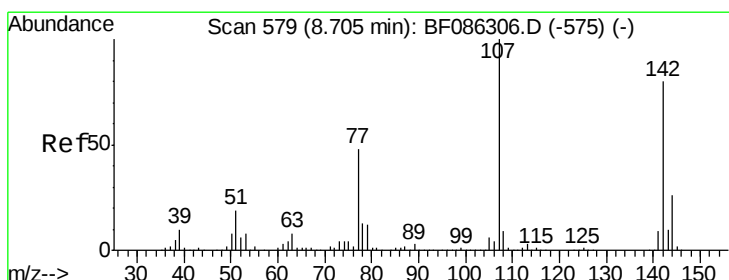
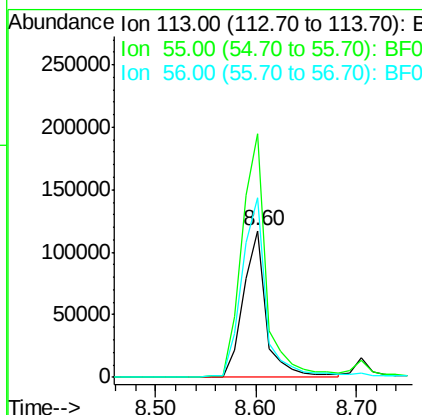
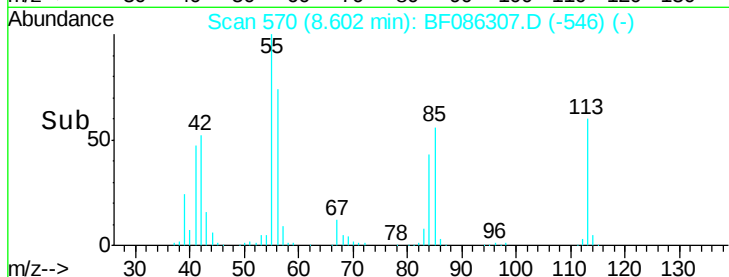
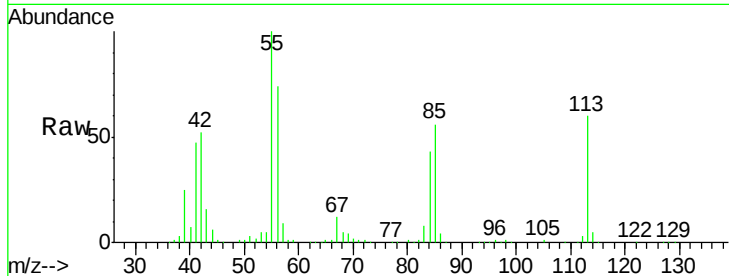
#35
Caprolactam
Concen: 41.47 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	165.9		117.5	157.5#	
56	122.8		82.5	122.5#	

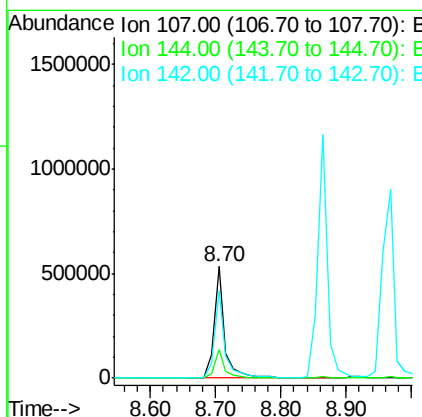
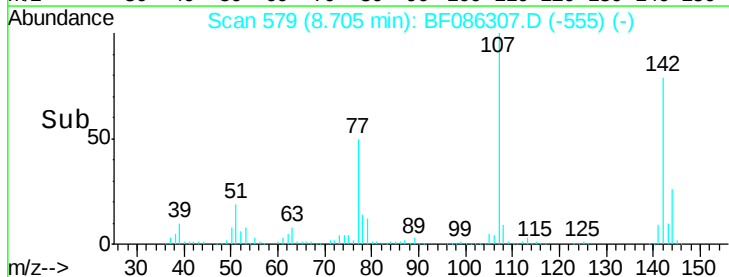
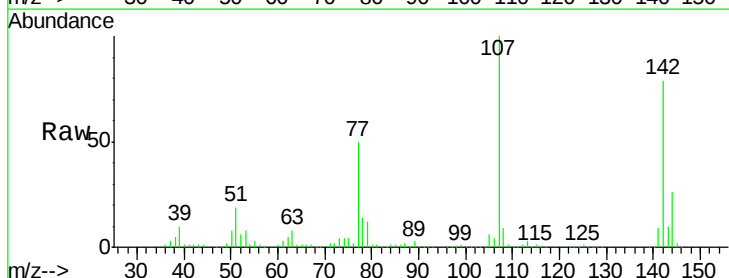
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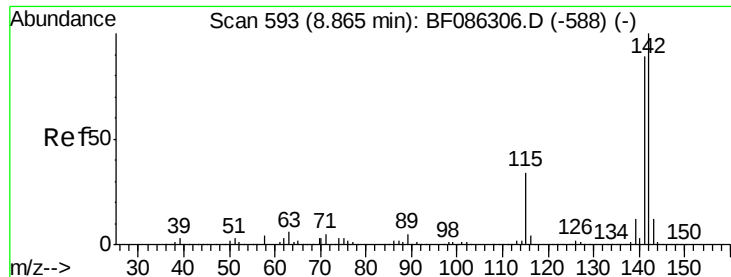
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#36
4-Chloro-3-methylphenol
Concen: 39.50 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.7		20.7	31.1	
142	78.6		64.5	96.7	





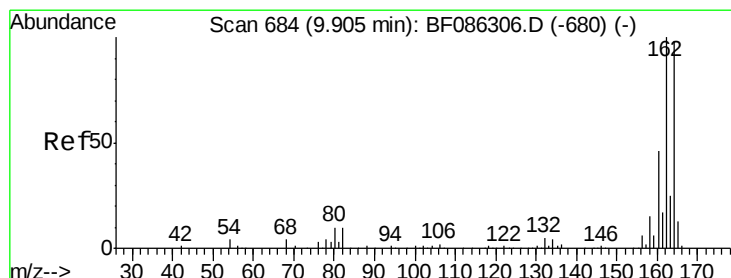
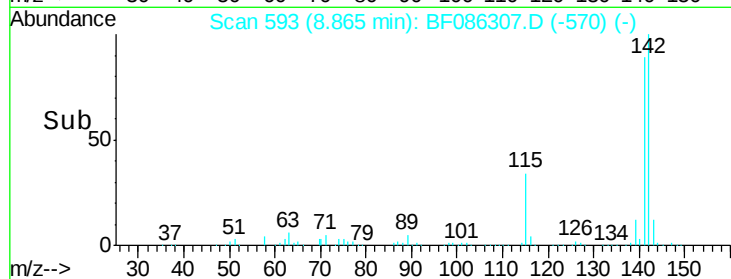
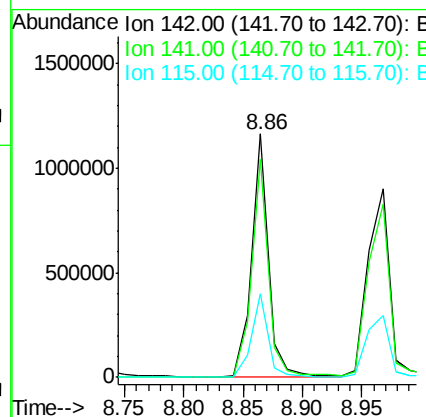
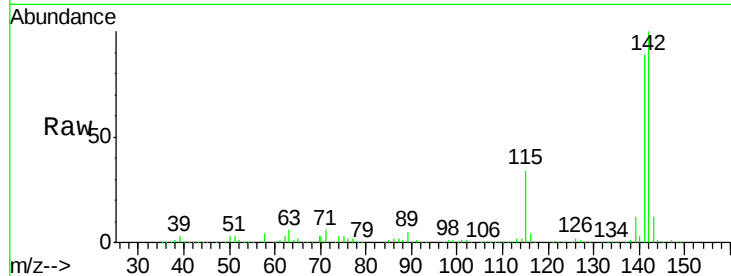
#37
2-Methylnaphthalene
Concen: 36.90 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.1	106.7
115	34.1	25.1	37.7

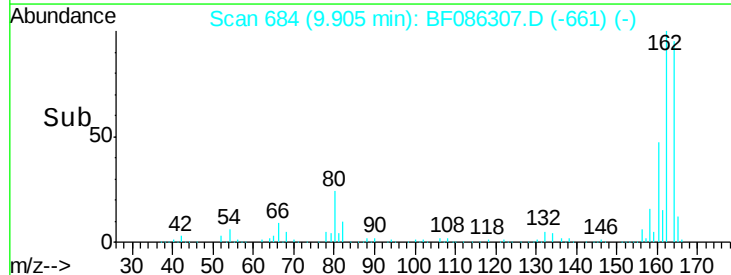
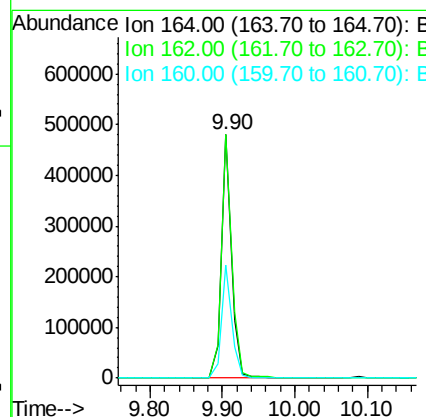
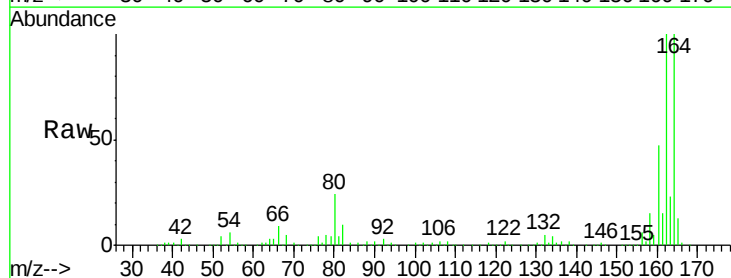
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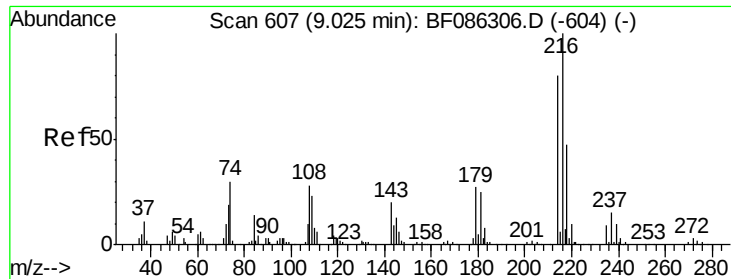
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.8	124.2
160	46.7	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.27 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

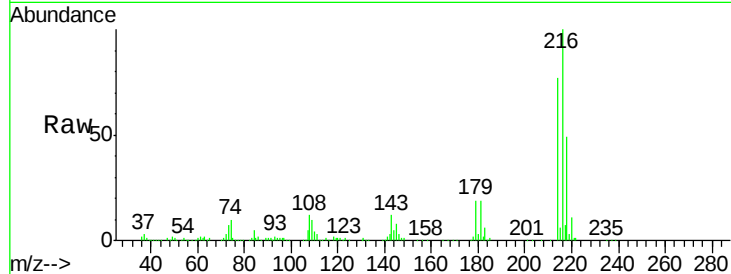
ClientSampleId :

ICVBF042016

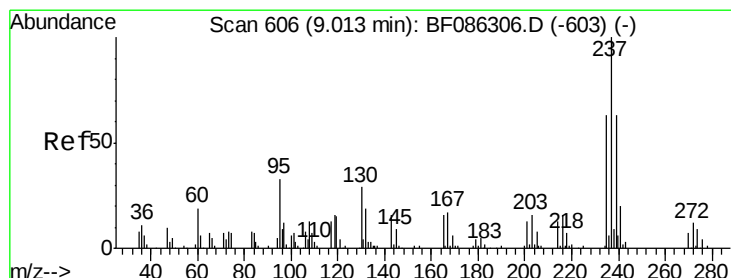
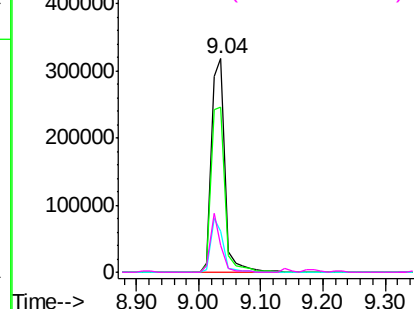
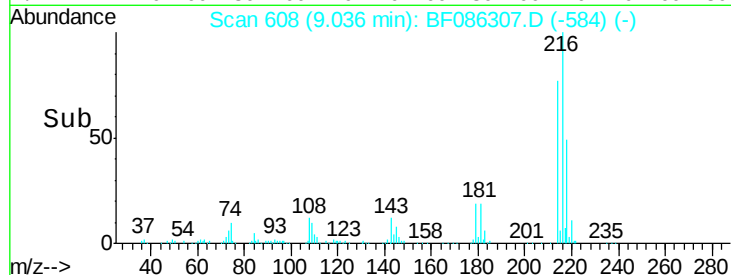
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		477078		
214	80.1		64.9	97.3	
179	23.3		19.8	29.6	
108	21.6		21.0	31.4	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.58 ng

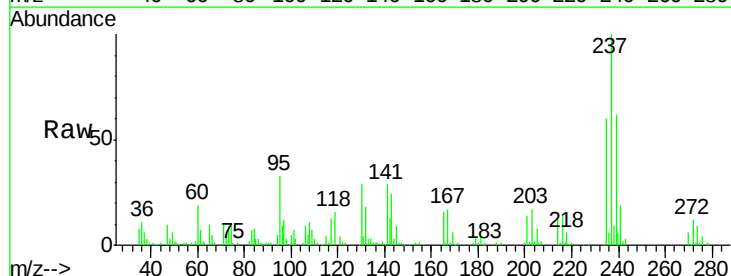
RT: 9.01 min Scan# 606

Delta R.T. -0.03 min

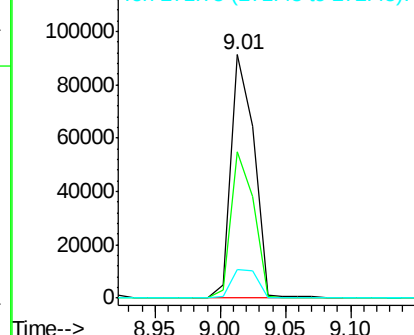
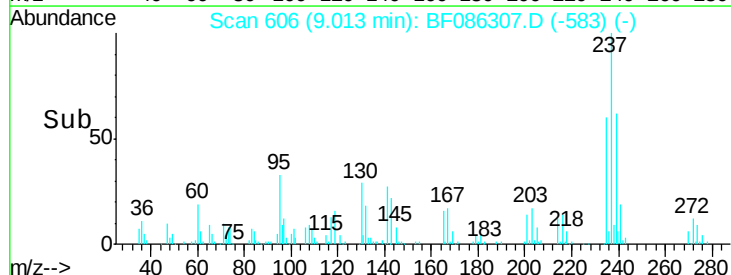
Lab File: BF086307.D

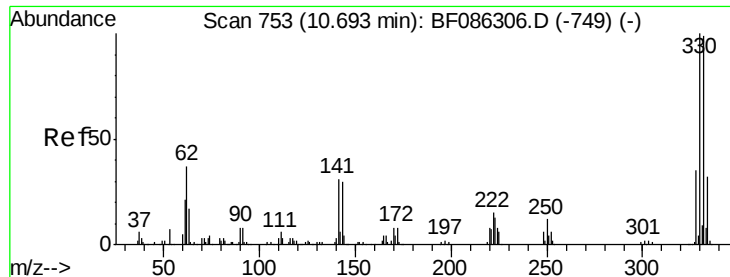
Acq: 20 Apr 2016 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		111889		
235	60.1		44.0	84.0	
272	11.6		0.0	32.4	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





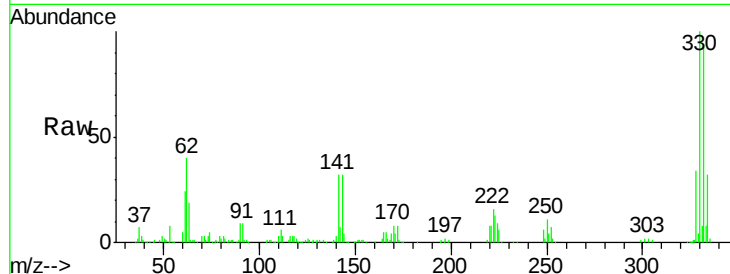
#41
 2,4,6-Tribromophenol
 Concen: 80.00 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

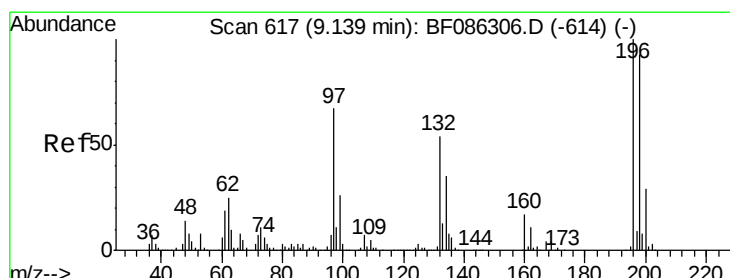
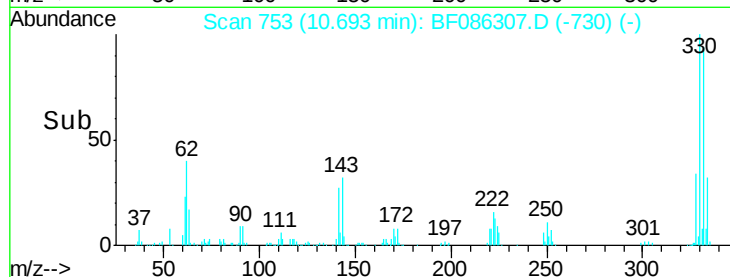
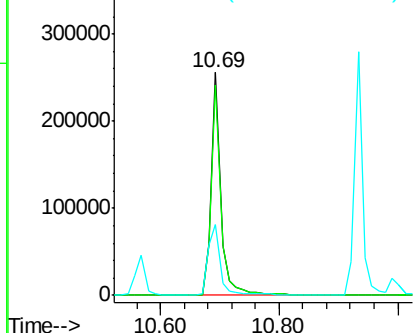
Tot Ion	Ratio	Resp	Lower	Upper
330	100	292040		
332	96.1	78.7	118.1	
141	41.1	28.6	42.8	

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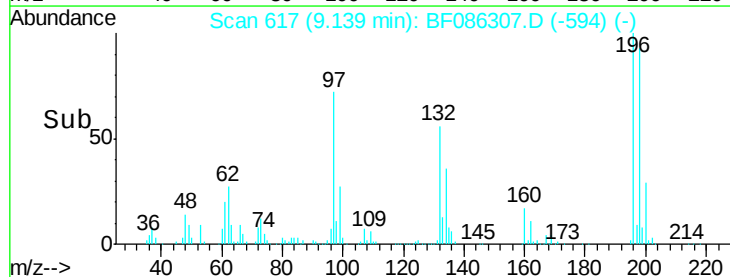
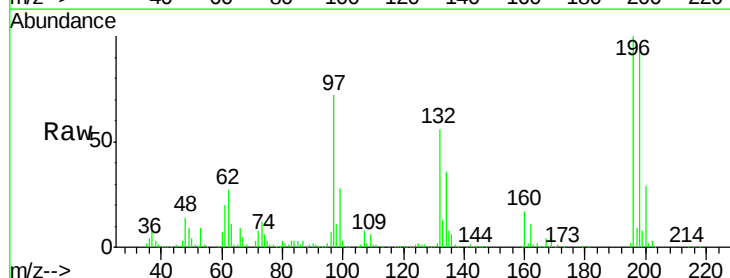
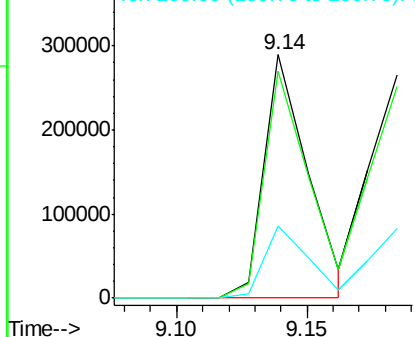
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

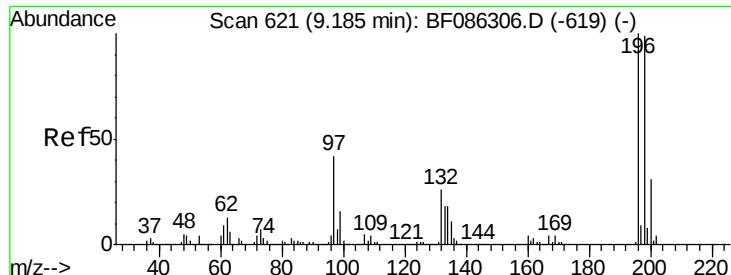


#42
 2,4,6-Trichlorophenol
 Concen: 38.82 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335713		
198	93.3	76.6	115.0	
200	29.4	25.3	37.9	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





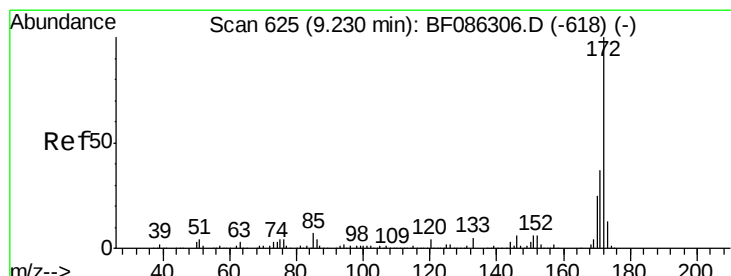
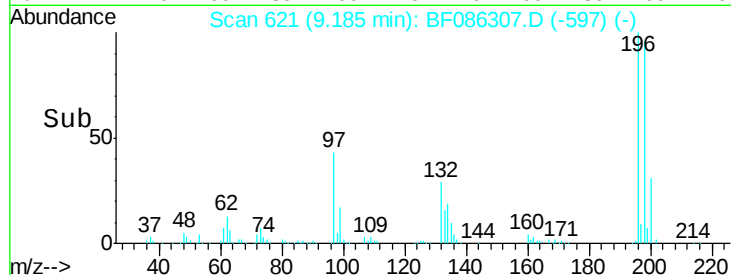
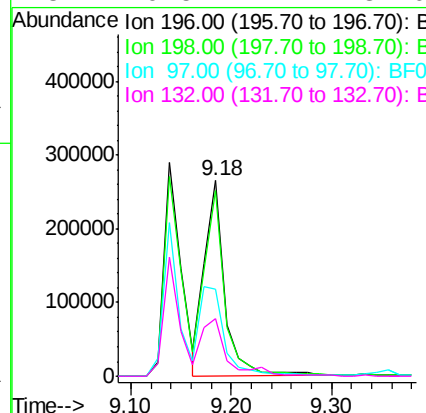
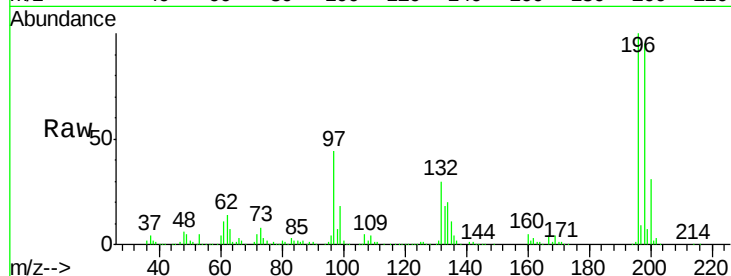
#43
2,4,5-Trichlorophenol
Concen: 39.33 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Resp	Lower	Upper
196	100	370433		
198	94.6		77.7	116.5
97	44.3		32.6	48.8
132	29.5		21.4	32.0

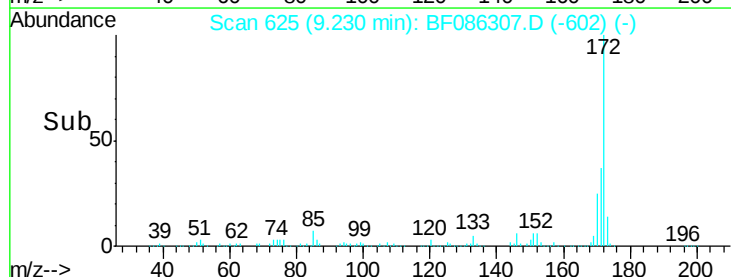
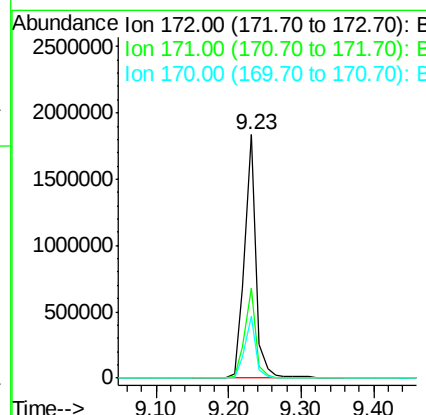
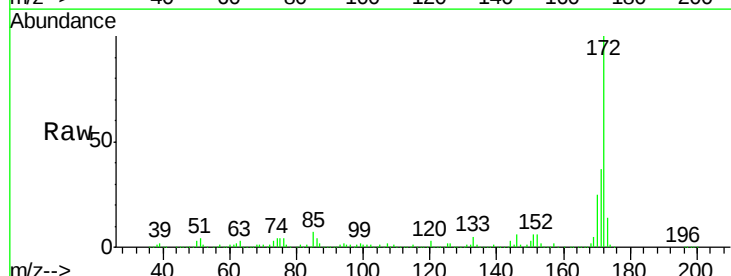
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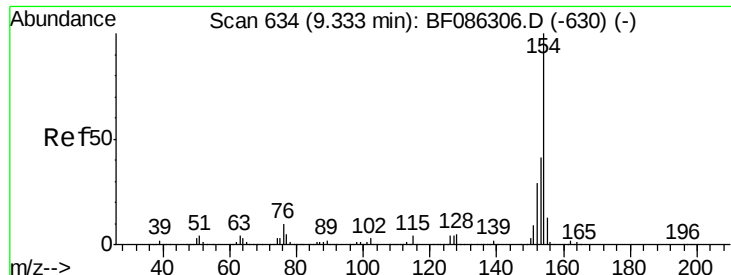
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#44
2-Fluorobiphenyl
Concen: 82.04 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2026185		
171	37.0		29.1	43.7
170	25.2		19.9	29.9





#45

1,1'-Biphenyl

Concen: 38.98 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:154 Resp: 1433886

Ion Ratio Lower Upper

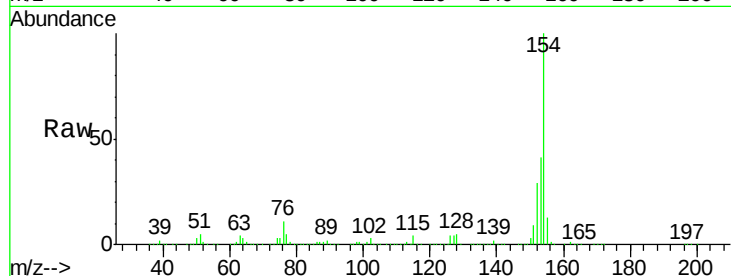
154 100

153 41.3 21.3 61.3

76 11.3 0.0 36.4

Manual Integrations
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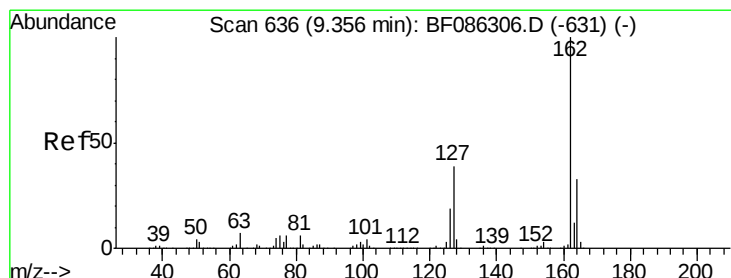
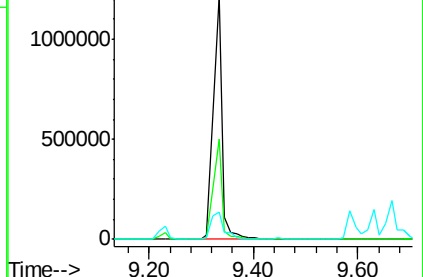
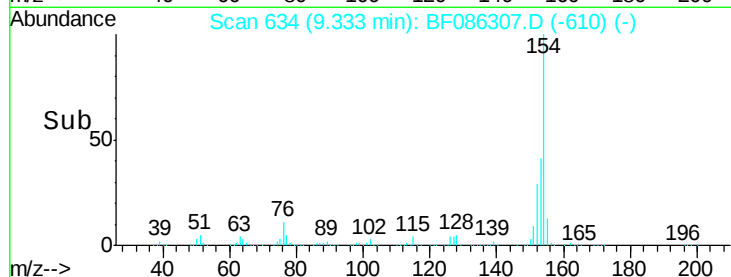
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.57 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

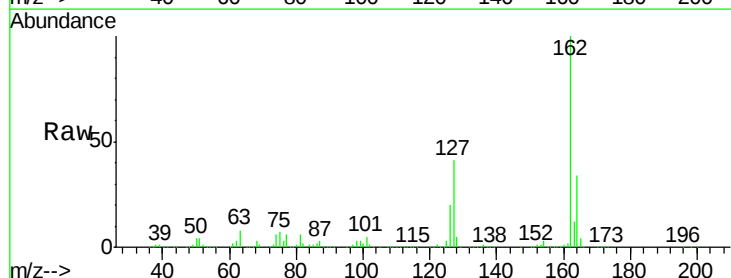
Tgt Ion:162 Resp: 1130839

Ion Ratio Lower Upper

162 100

127 41.0 36.7 55.1

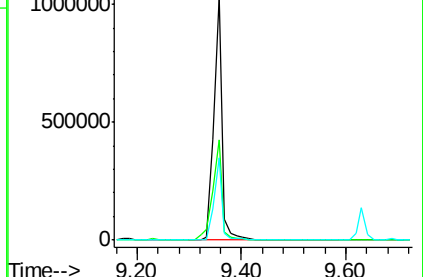
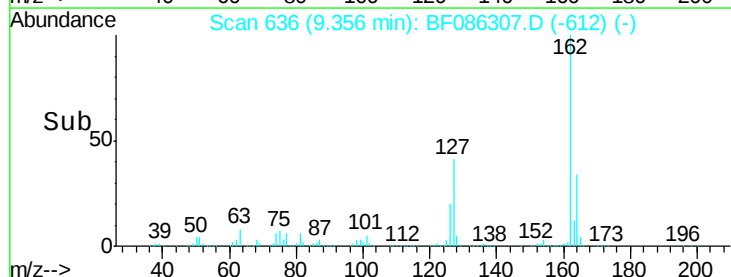
164 33.7 26.4 39.6

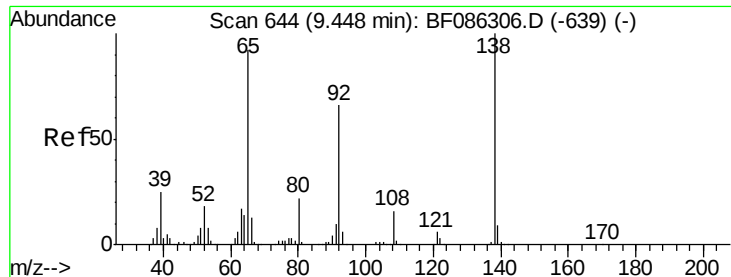


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





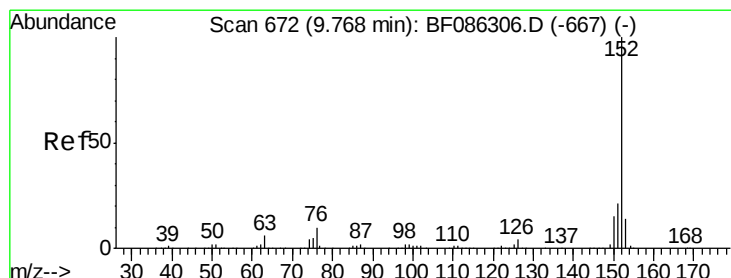
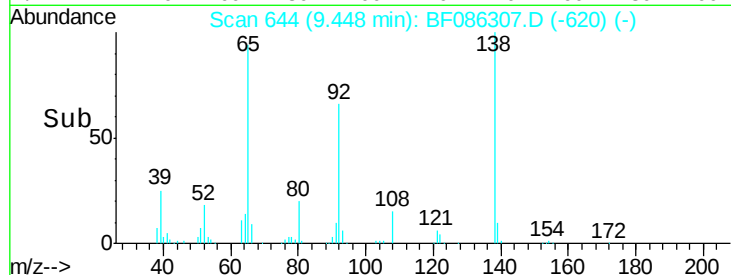
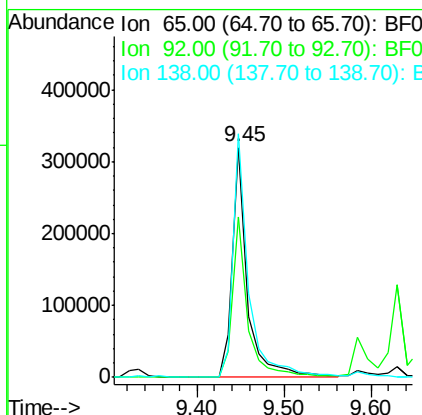
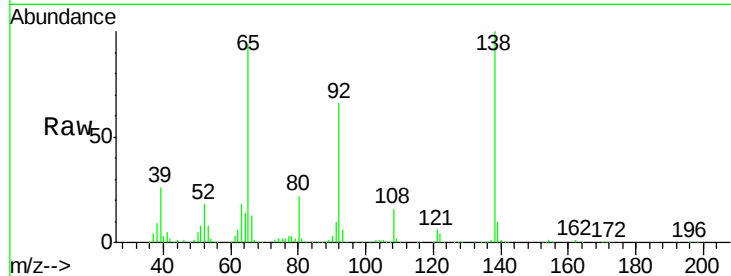
#47
2-Nitroaniline
Concen: 40.29 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Resp	Lower	Upper
65	100	381712		
92	69.9	51.9	77.9	
138	106.0	72.6	108.8	

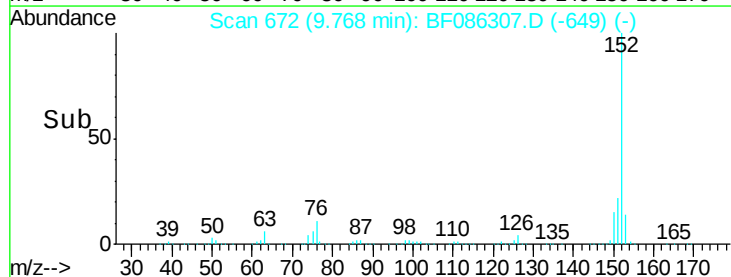
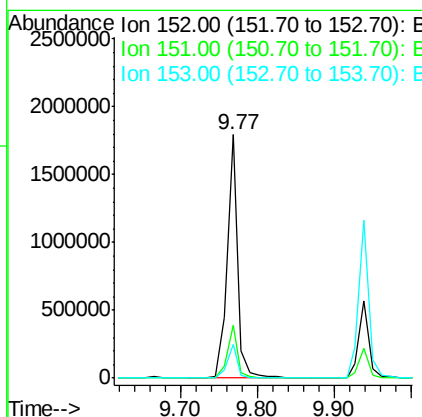
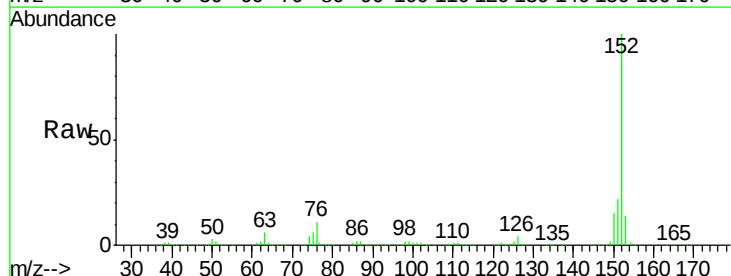
Manual Integrations
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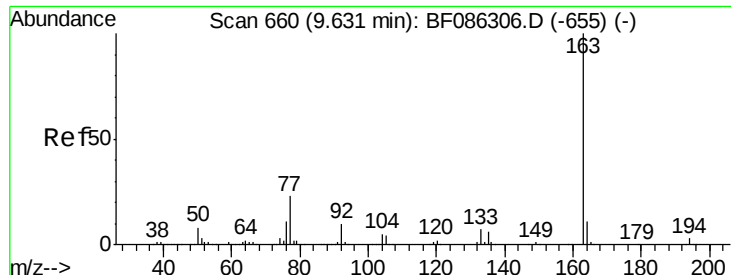
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#48
Acenaphthylene
Concen: 40.27 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1752915		
151	21.5	17.2	25.8	
153	13.8	10.7	16.1	





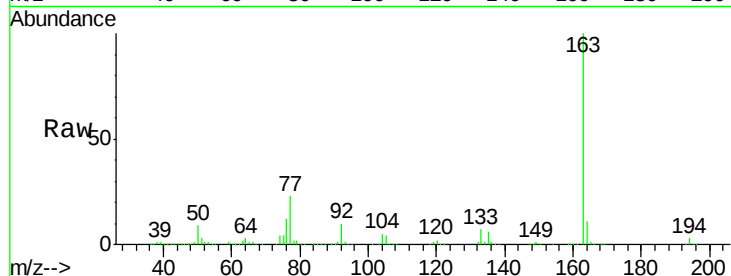
#49
Dimethylphthalate
Concen: 37.01 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

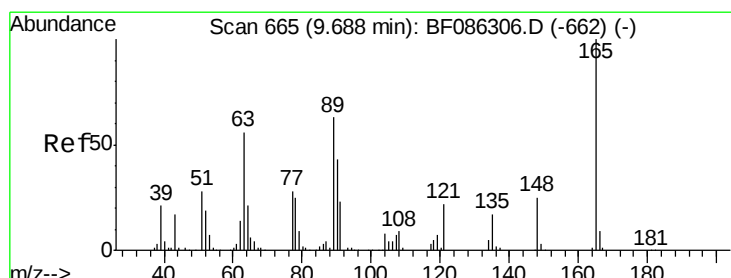
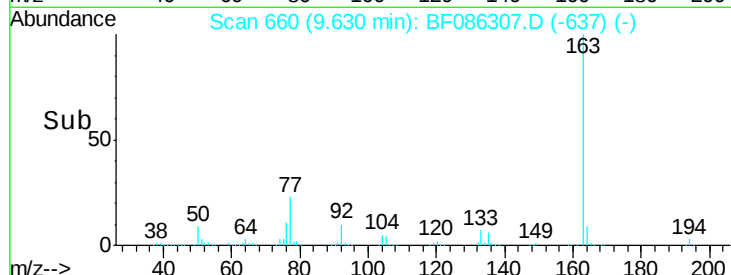
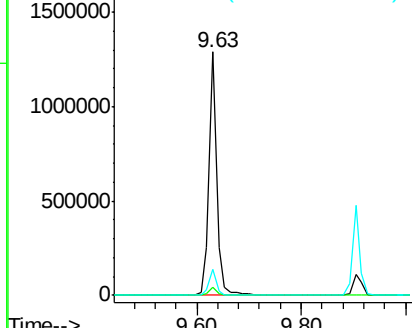
Tot Ion:163 Resp: 1319780
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.6 8.4 12.6

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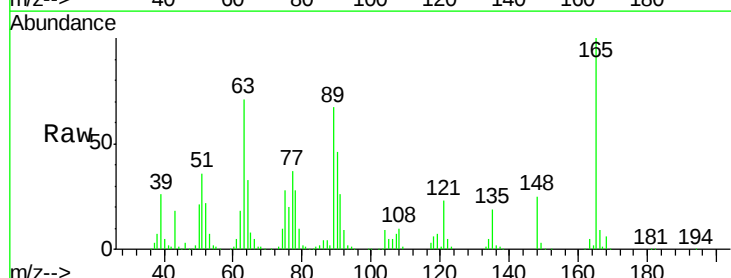


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

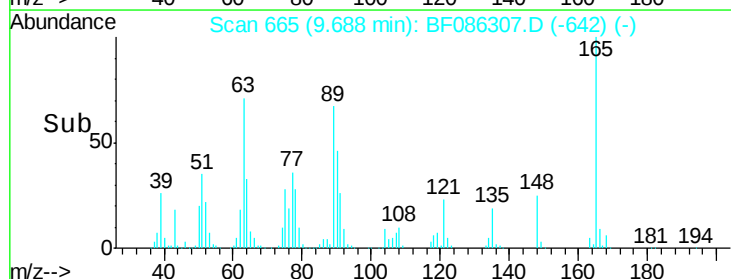
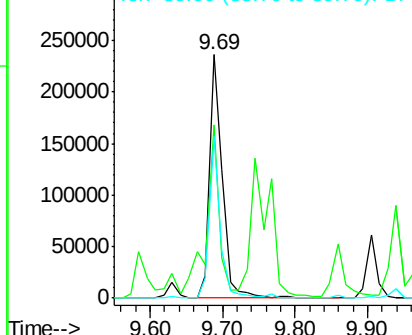


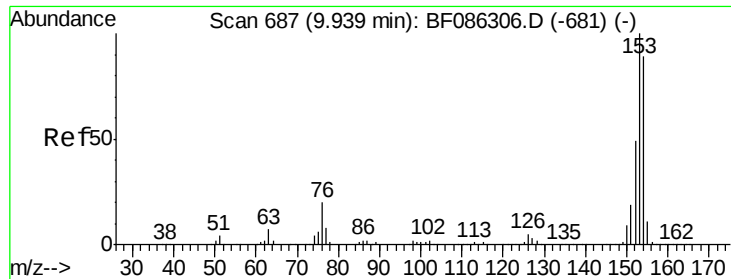
#50
2,6-Dinitrotoluene
Concen: 39.32 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:165 Resp: 288536
Ion Ratio Lower Upper
165 100
63 71.3 35.1 52.7#
89 66.6 39.8 59.6#



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





#51

Acenaphthene

Concen: 39.38 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:154 Resp: 1005525

Ion Ratio Lower Upper

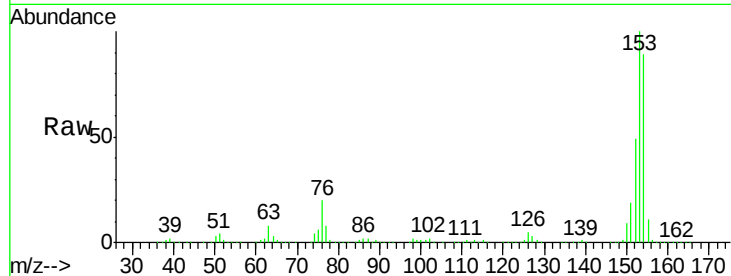
154 100

153 112.9 90.0 135.0

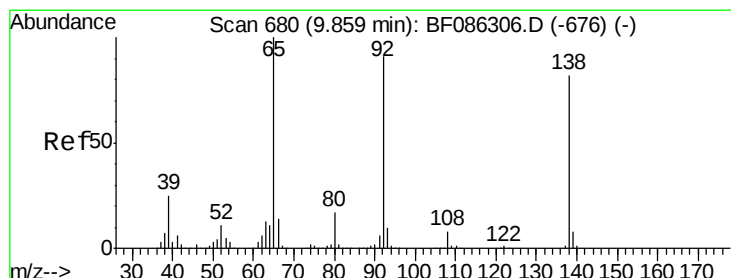
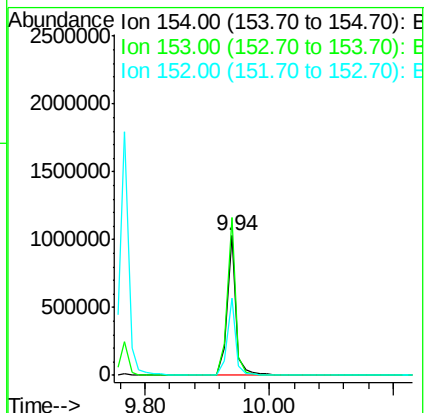
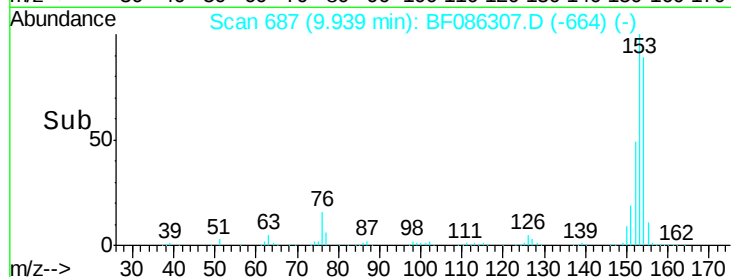
152 55.6 44.3 66.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.64 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

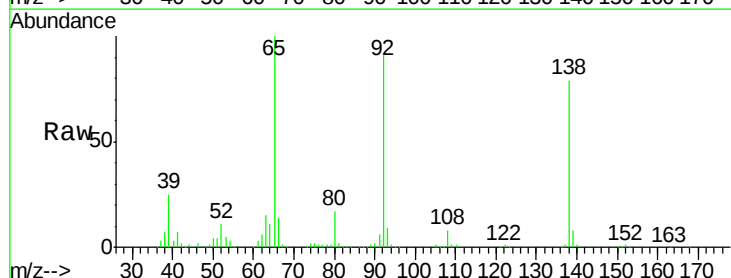
Tgt Ion:138 Resp: 369929

Ion Ratio Lower Upper

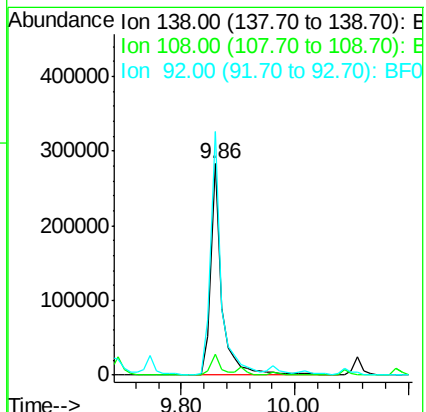
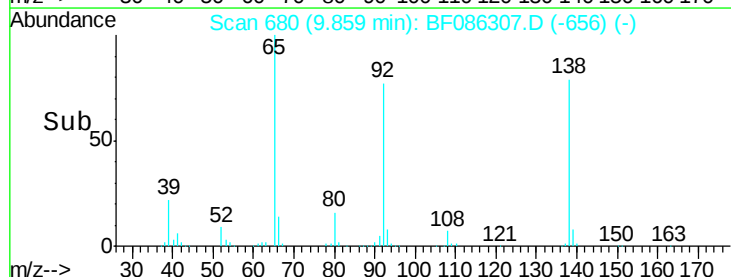
138 100

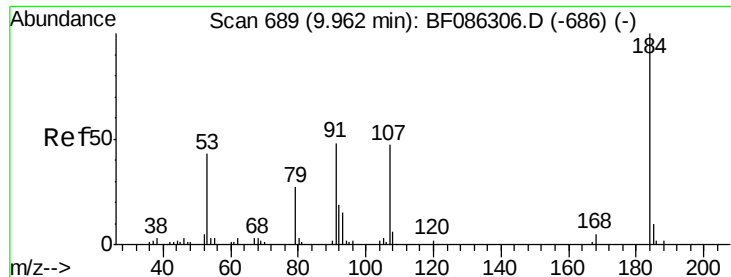
108 9.7 9.0 13.4

92 115.1 99.3 148.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





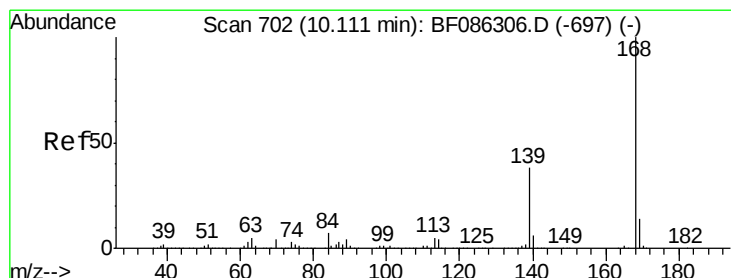
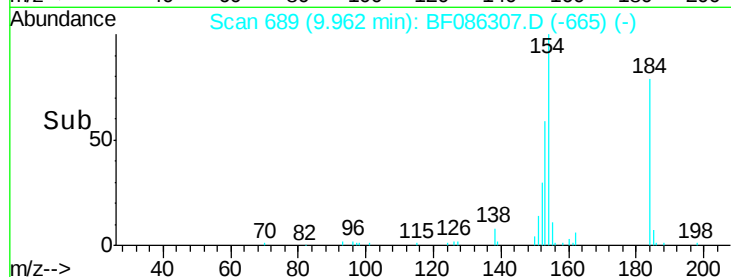
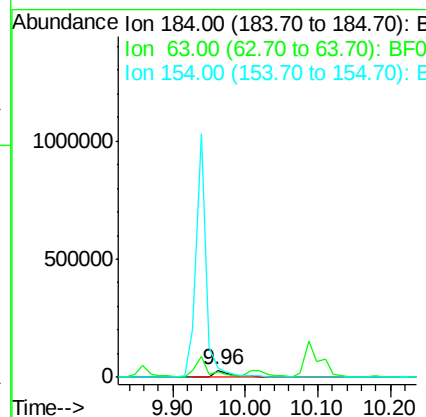
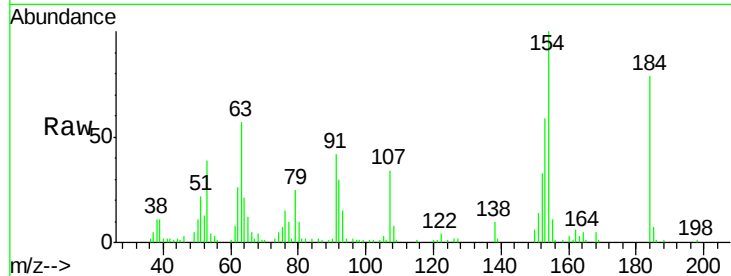
#53
 2,4-Dinitrophenol
 Concen: 38.32 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Tot Ion	Ratio	Resp	Lower	Upper
184	100	52928		
63	71.7	64.7	97.1	
154	125.9	59.4	89.2#	

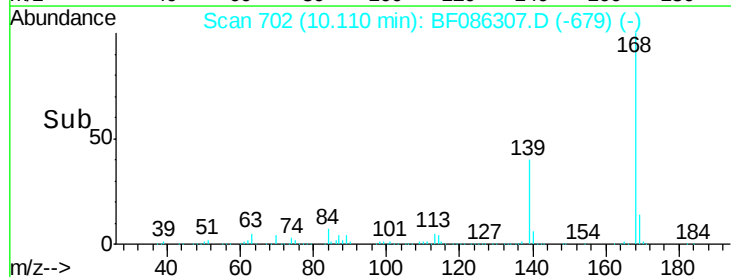
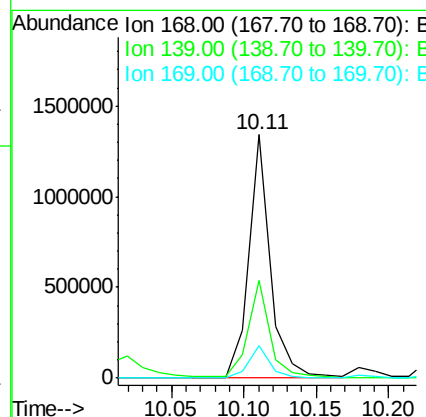
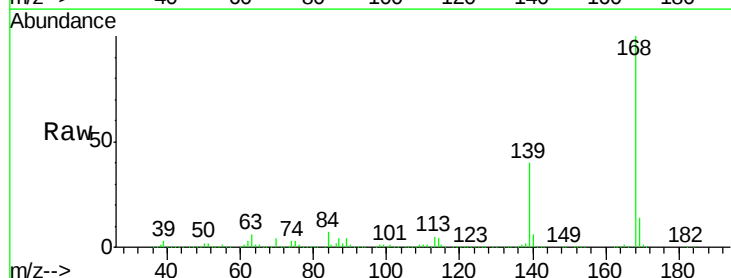
Manual Integrations
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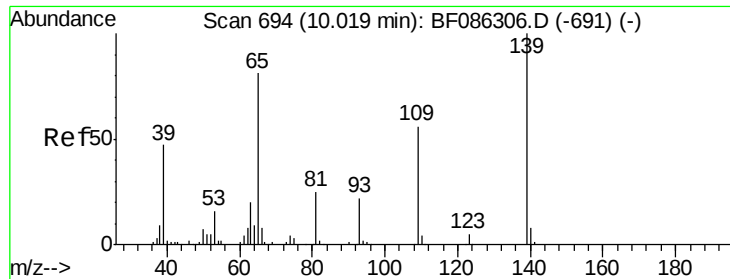
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#54
 Dibenzofuran
 Concen: 40.01 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1389071		
139	40.1	29.5	44.3	
169	13.6	10.6	16.0	





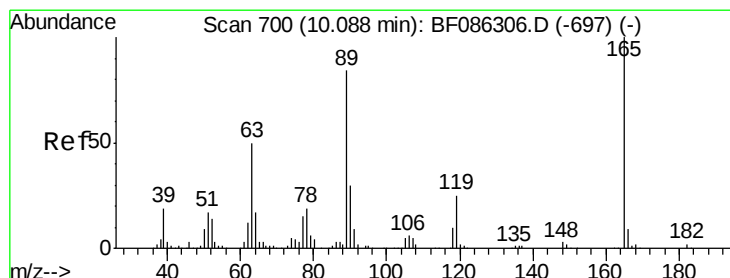
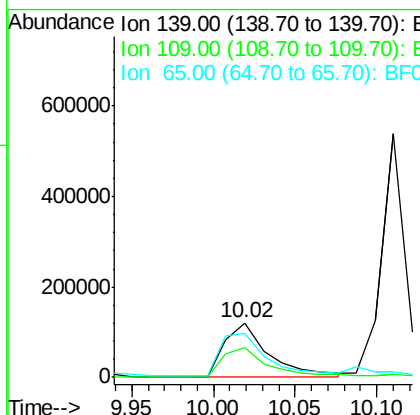
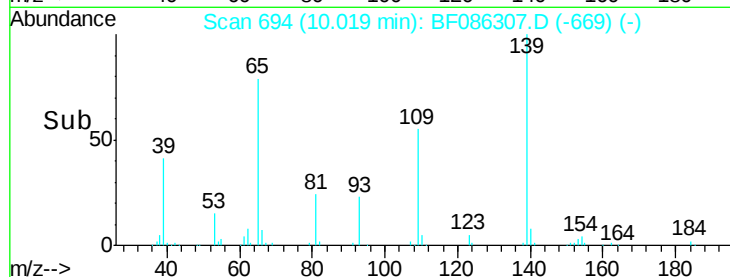
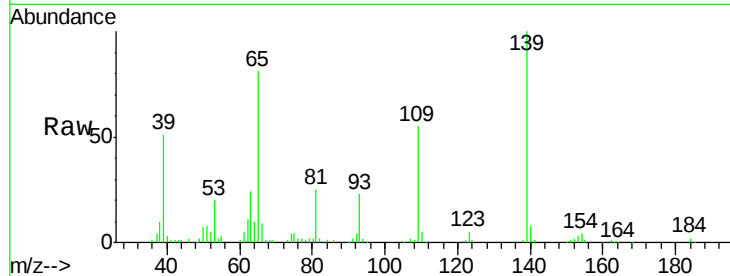
#55
4-Nitrophenol
Concen: 39.74 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.8	55.0	95.0#	
65	81.2	87.3	127.3#	

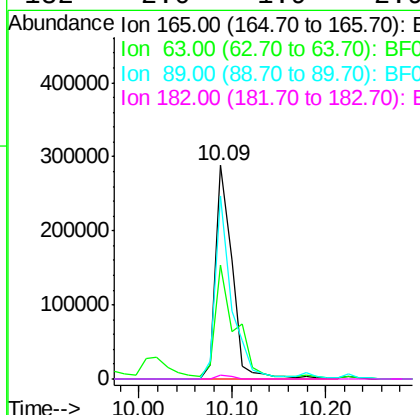
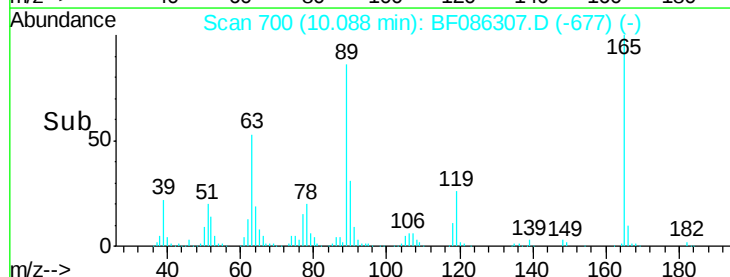
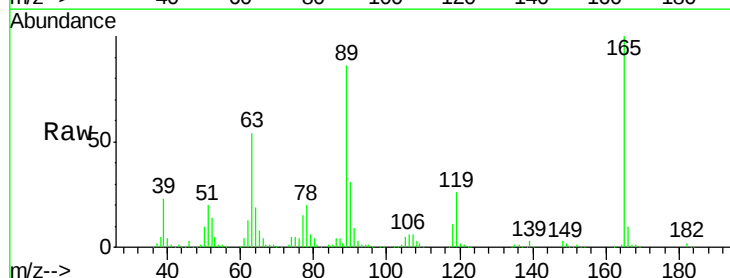
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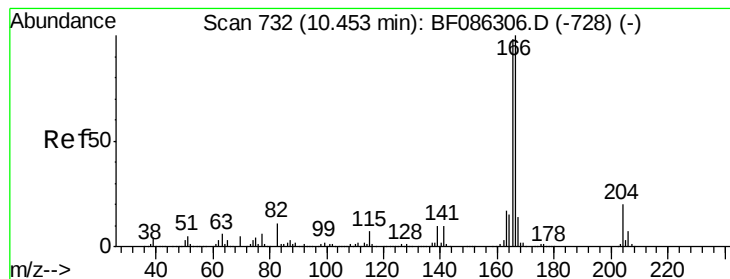
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#56
2,4-Dinitrotoluene
Concen: 39.15 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.6	26.6	40.0#	
89	85.7	49.5	74.3#	
182	2.0	1.9	2.9	





#57

Fluorene

Concen: 40.49 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:166 Resp: 1041646

Ion Ratio Lower Upper

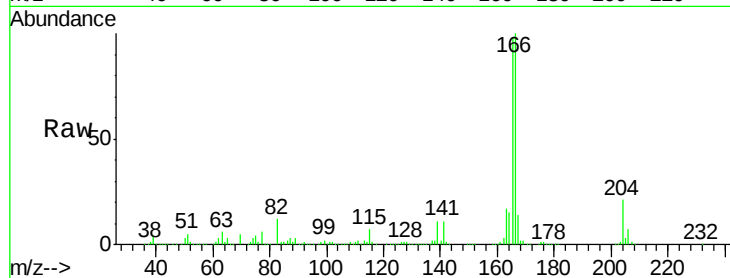
166 100

165 97.9 78.6 117.8

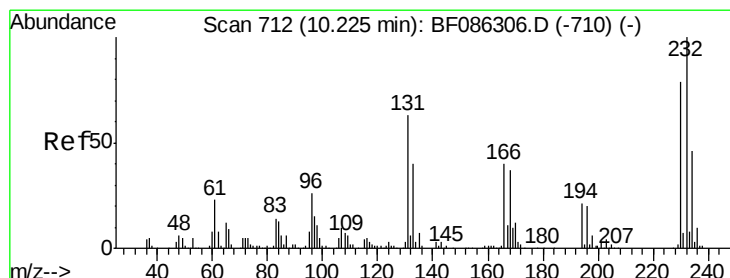
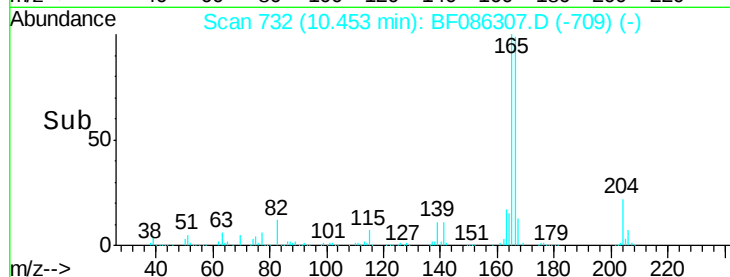
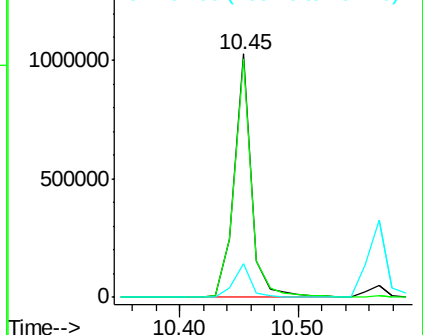
167 13.7 10.4 15.6

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.79 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:232 Resp: 245153

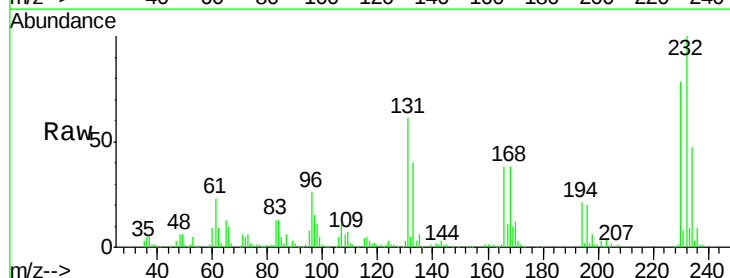
Ion Ratio Lower Upper

232 100

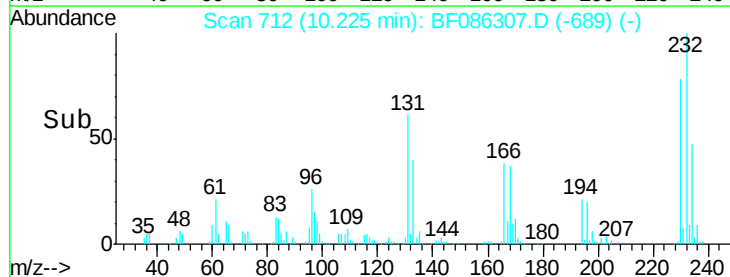
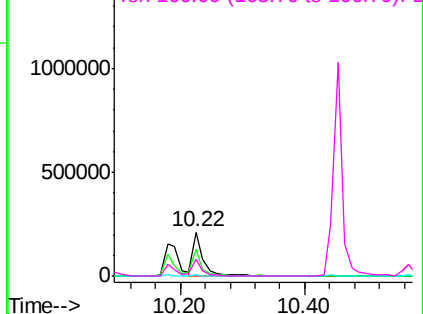
131 58.0 46.6 70.0

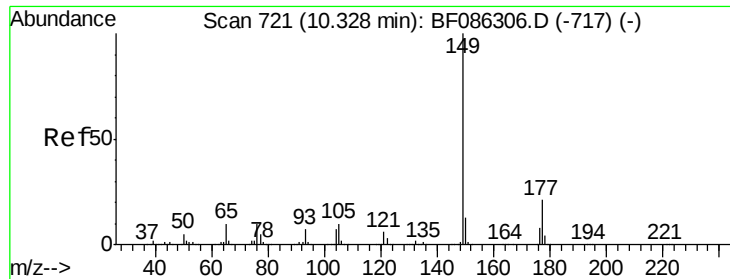
130 2.6 2.5 3.7

166 34.7 28.3 42.5



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





#59

Diethylphthalate

Concen: 36.52 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:149 Resp: 1270704

Ion Ratio Lower Upper

149 100

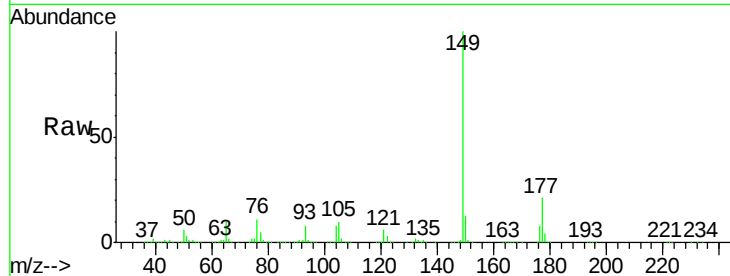
177 20.7 17.0 25.6

150 12.8 10.2 15.4

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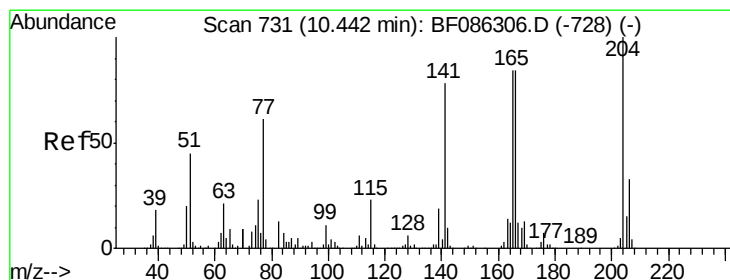
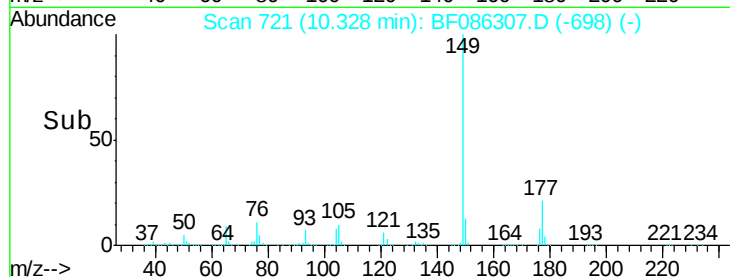
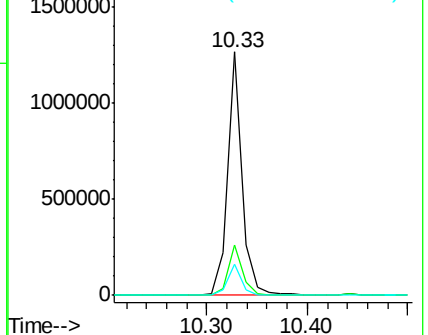
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.73 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

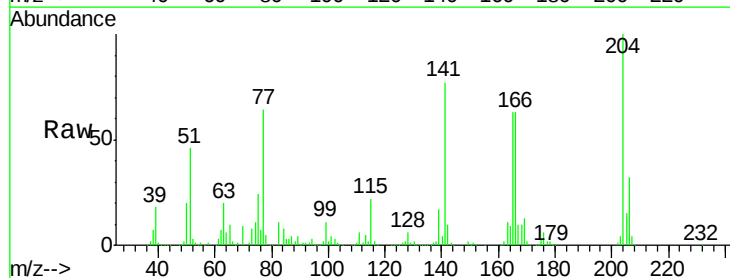
Tgt Ion:204 Resp: 461481

Ion Ratio Lower Upper

204 100

206 31.7 26.2 39.2

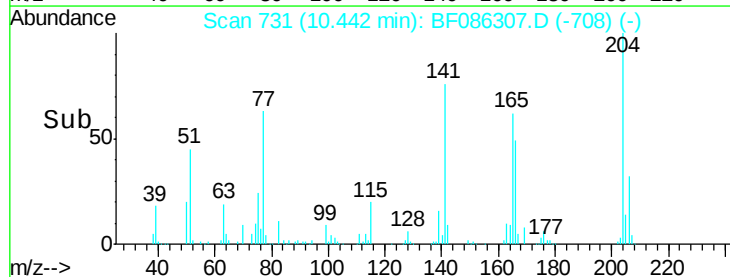
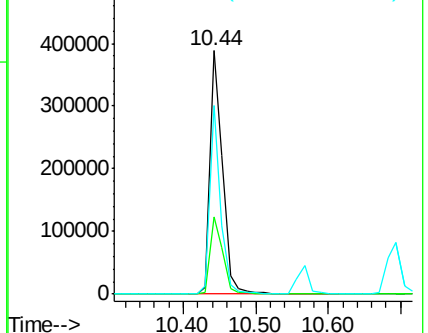
141 77.2 55.4 83.0

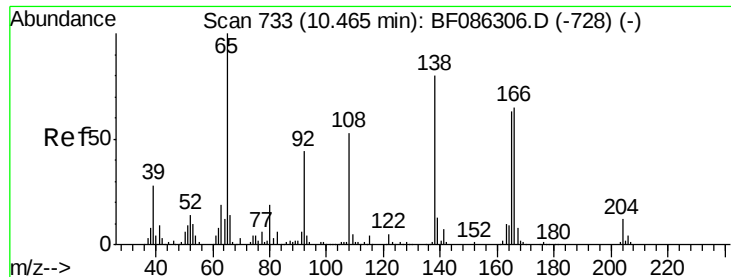


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





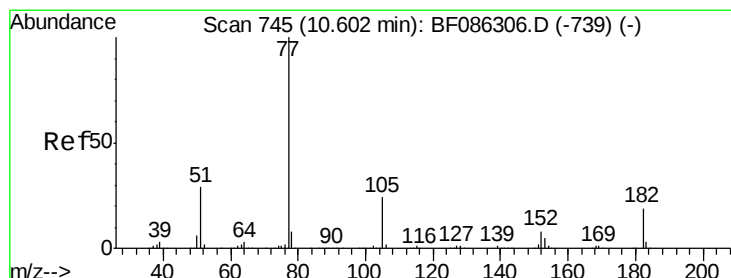
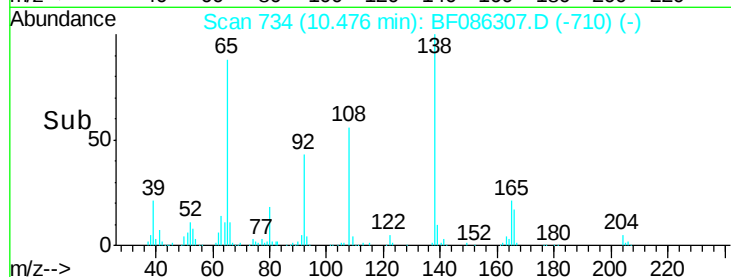
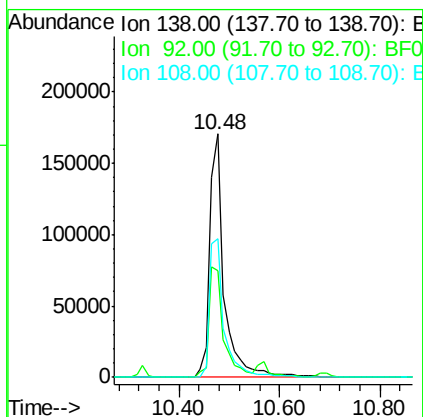
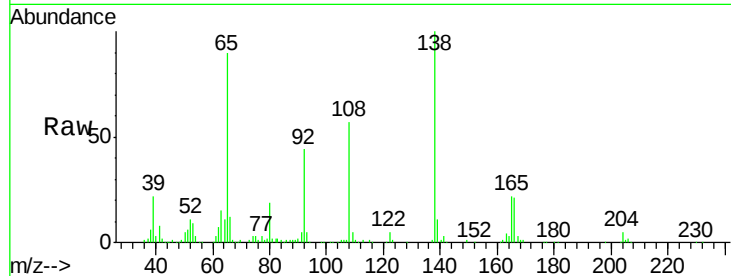
#61
4-Nitroaniline
Concen: 38.95 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Resp	Lower	Upper
138	100	340264		
92	43.7	31.9	71.9	
108	56.8	58.7	98.7#	

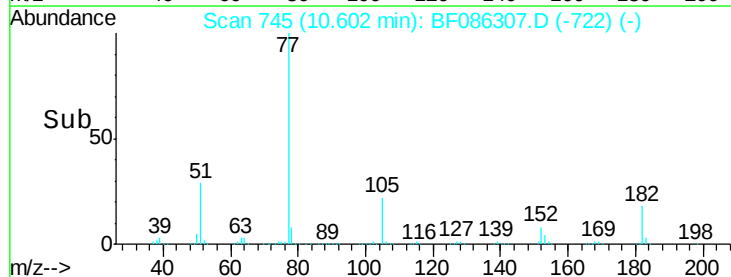
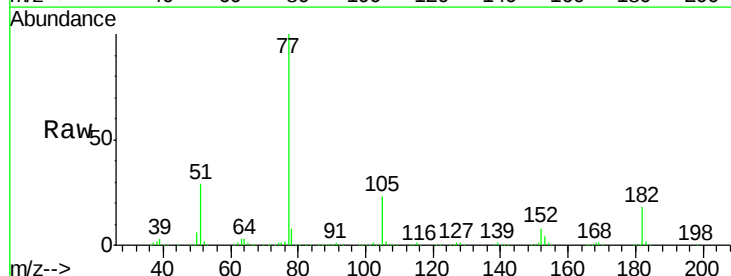
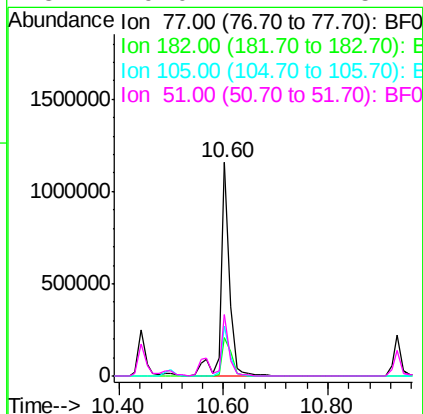
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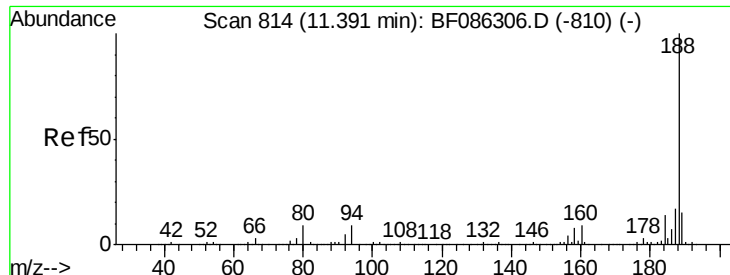
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#62
Azobenzene
Concen: 38.03 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1304497		
182	18.2	2.3	42.3	
105	23.2	3.4	43.4	
51	29.0	11.7	51.7	





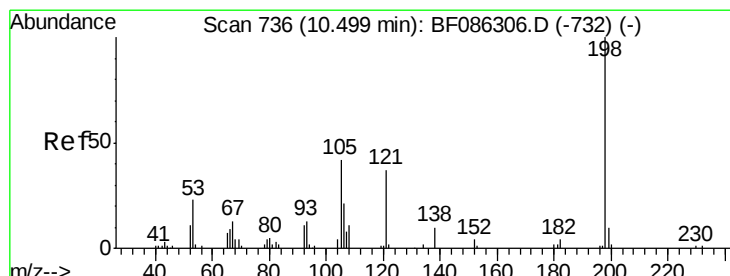
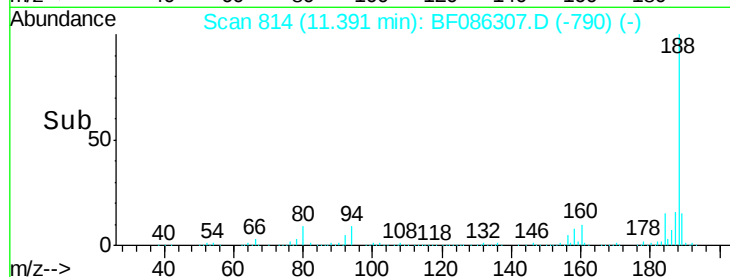
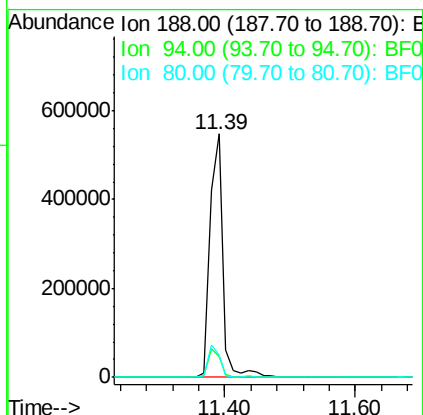
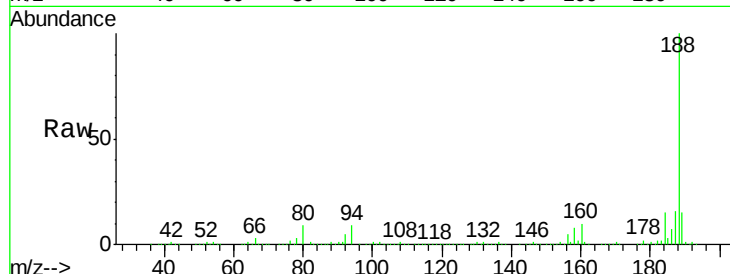
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	9.8	14.8#
80	9.1	10.5	15.7#

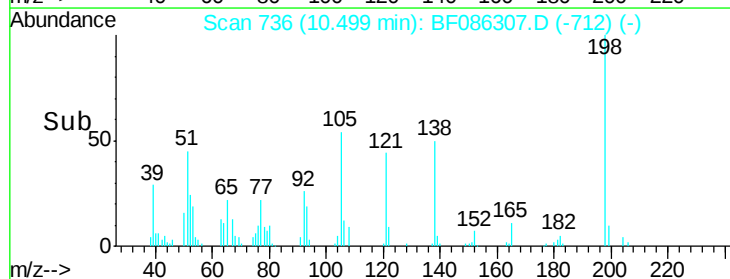
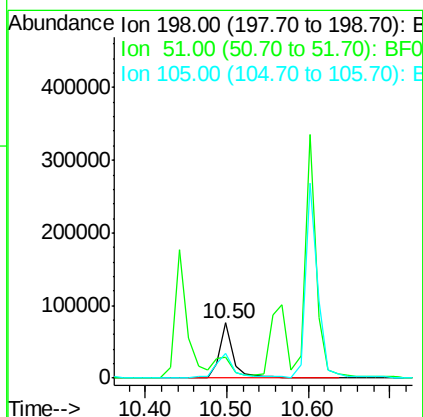
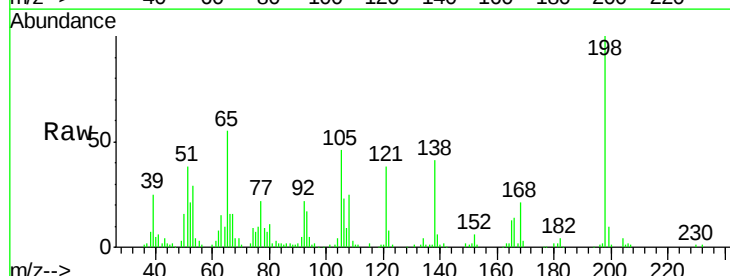
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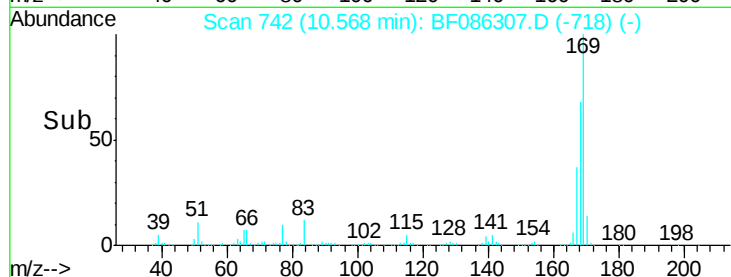
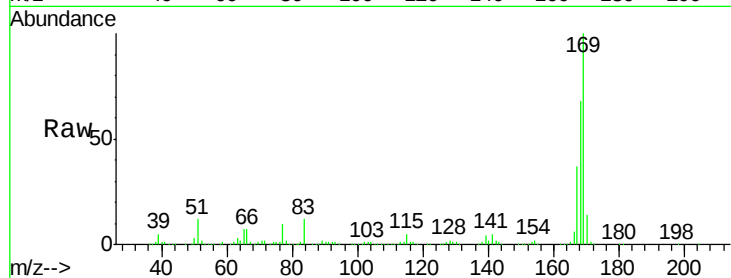
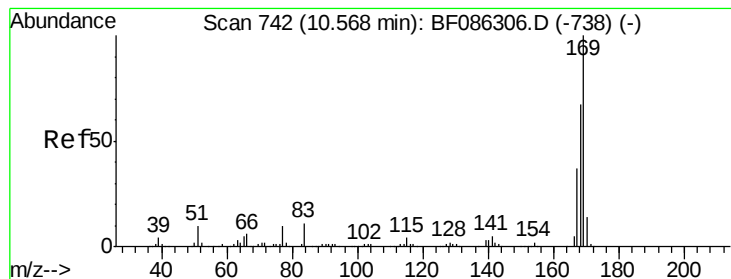
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.07 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.1	56.5	96.5#
105	45.5	48.0	88.0#





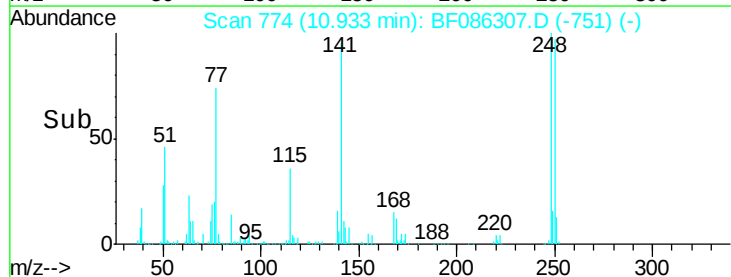
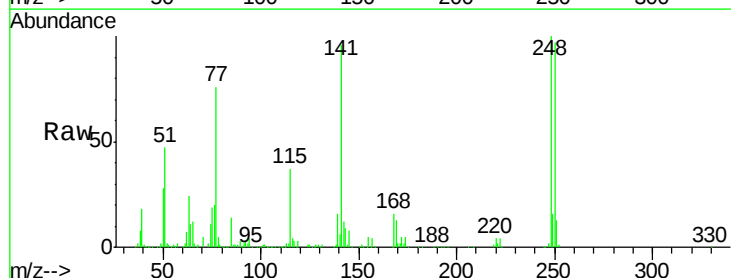
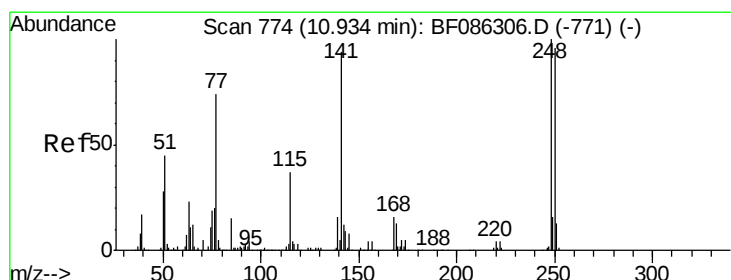
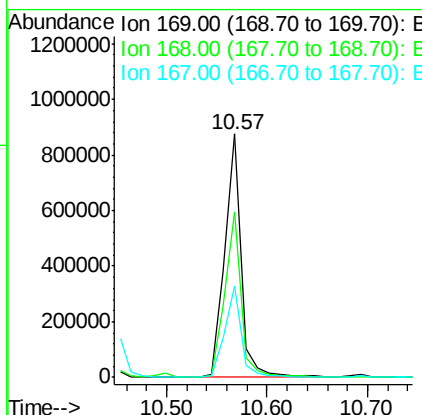
#65
n-Nitrosodiphenylamine
Concen: 39.76 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		989323		
168	68.2	54.3		81.5	
167	37.2	30.2		45.2	

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

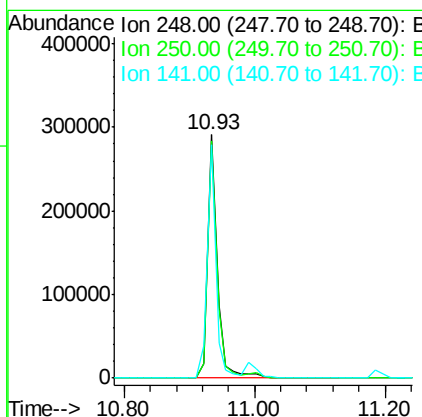
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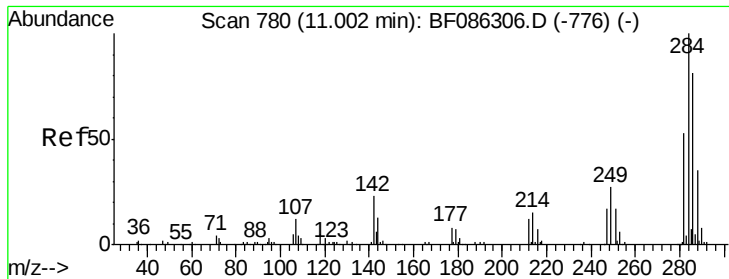
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#66
4-Bromophenyl-phenylether
Concen: 36.93 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		299694		
250	97.4	78.6		118.0	
141	96.0	57.9		86.9	





#67

Hexachlorobenzene

Concen: 37.44 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

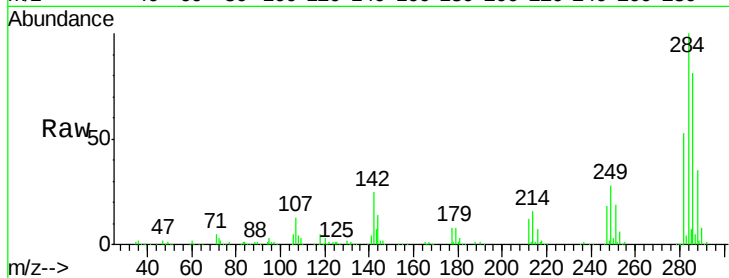
ClientSampleId :

ICVBF042016

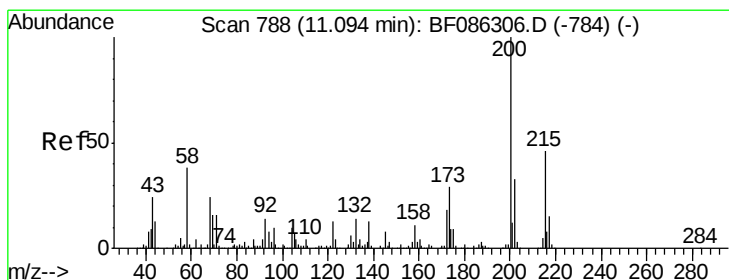
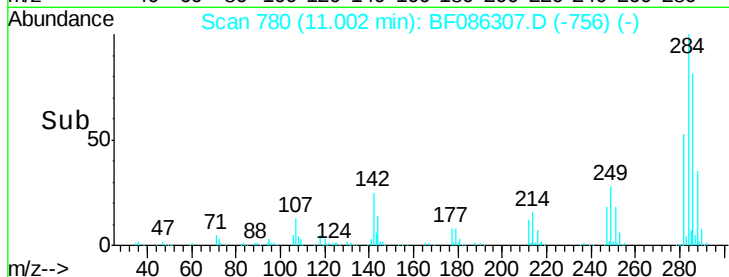
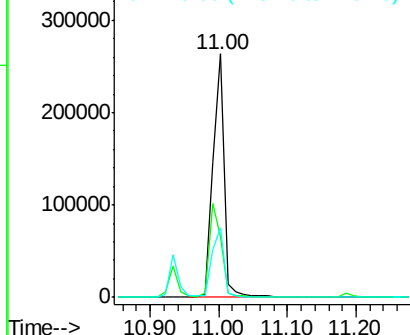
Tot Ion:	284	Resp:	304951
Ion Ratio	Lower	Upper	
284	100		
142	24.9	42.6	64.0#
249	28.4	25.9	38.9

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



#68

Atrazine

Concen: 39.29 ng

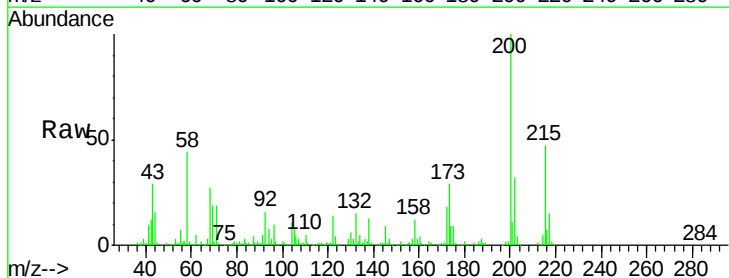
RT: 11.09 min Scan# 788

Delta R.T. -0.02 min

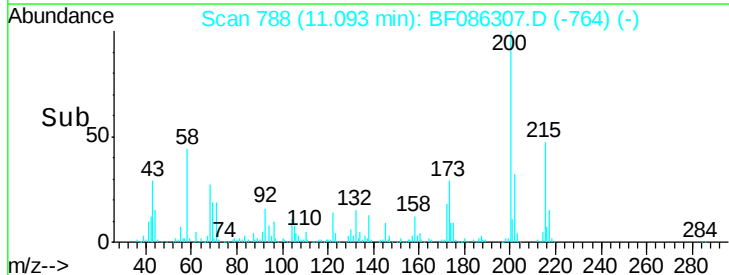
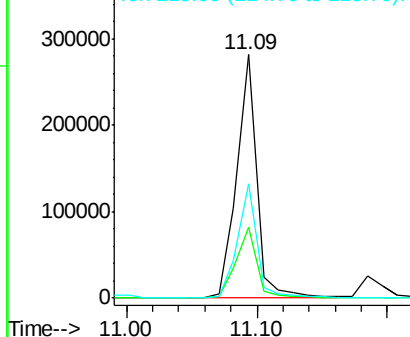
Lab File: BF086307.D

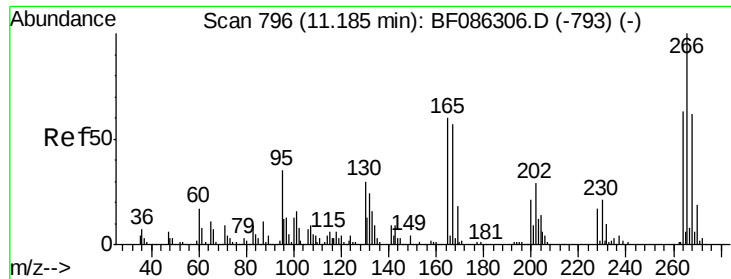
Acq: 20 Apr 2016 14:13

Tgt Ion:	200	Resp:	300511
Ion Ratio	Lower	Upper	
200	100		
173	29.1	11.2	51.2
215	46.8	24.0	64.0



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





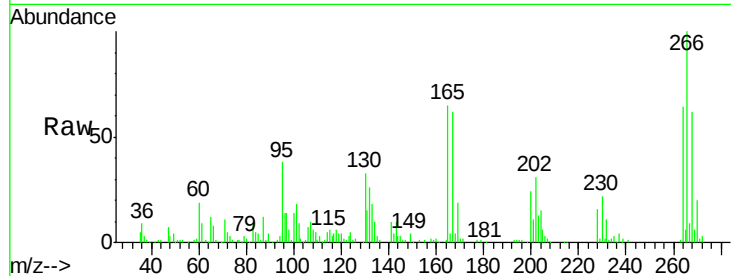
#69
 Pentachlorophenol
 Concen: 39.79 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

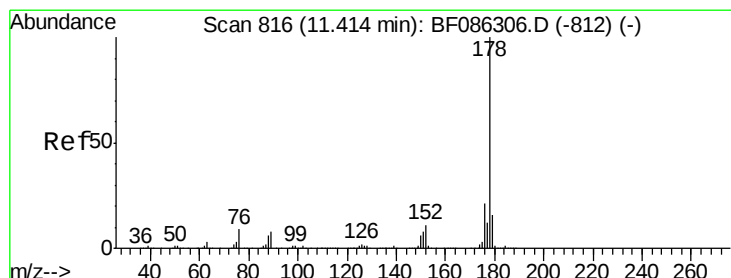
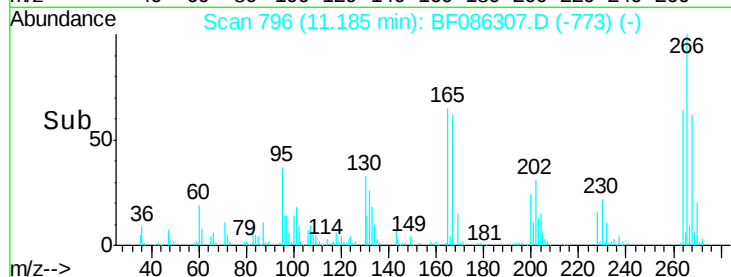
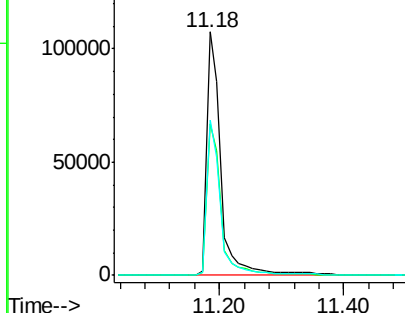
Tot Ion	Ratio	Resp	Lower	Upper
266	100	169740		
268	62.1	53.0	79.4	
264	63.8	51.3	76.9	

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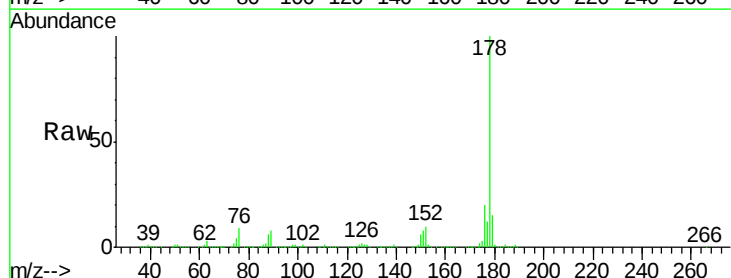


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

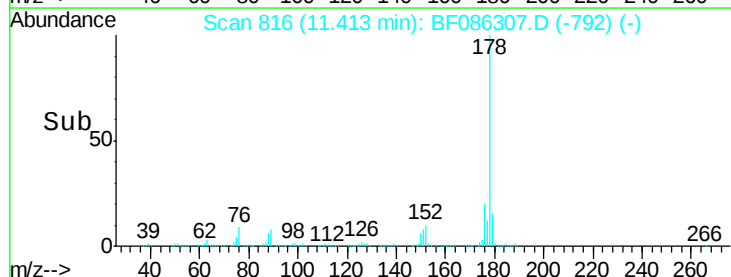
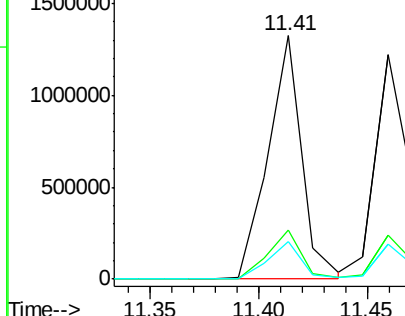


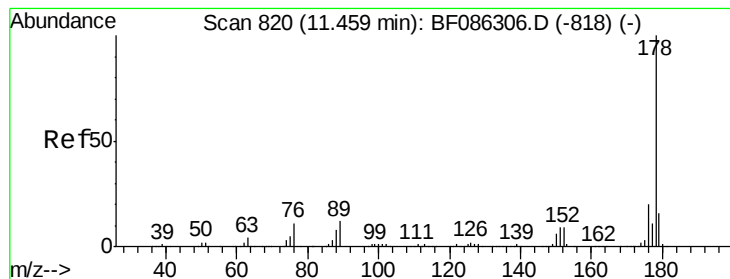
#70
 Phenanthrene
 Concen: 40.24 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1440037		
176	20.3	16.3	24.5	
179	15.3	13.0	19.6	



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





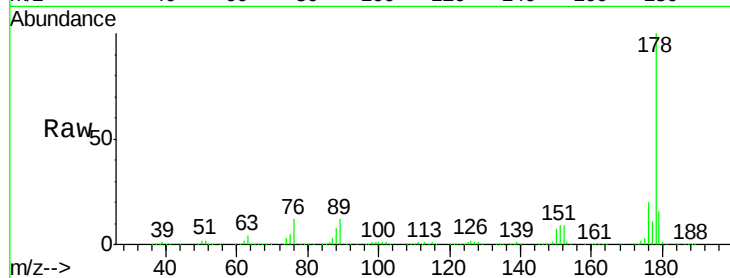
#71
 Anthracene
 Concen: 37.38 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

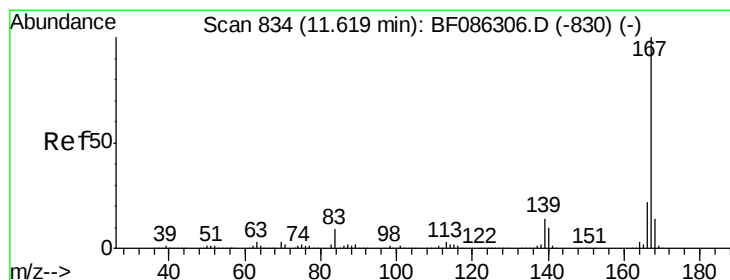
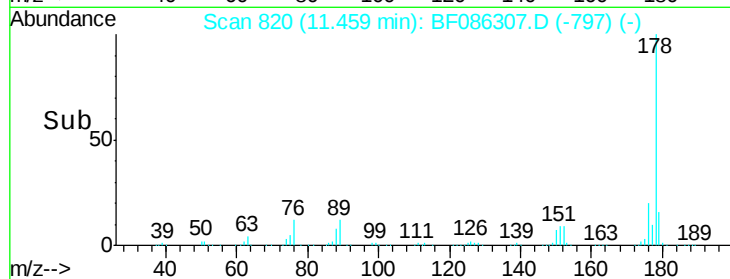
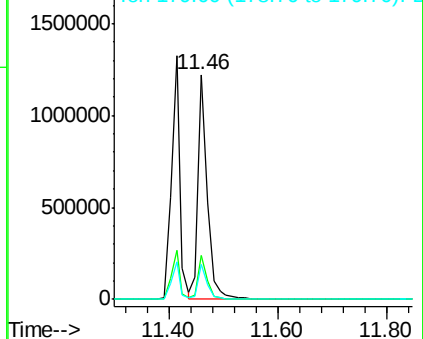
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.8	13.2	19.8

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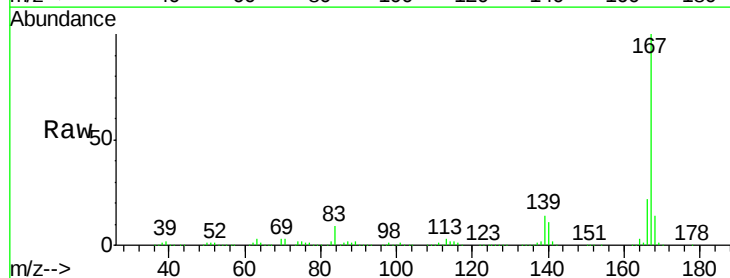


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

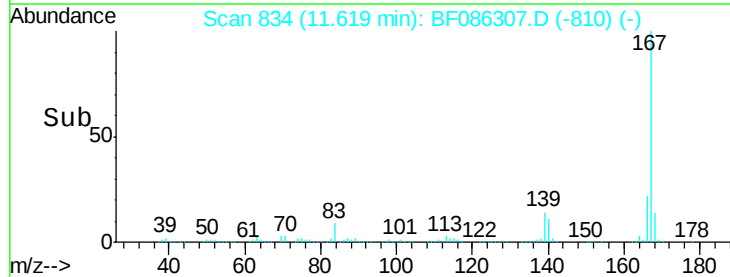
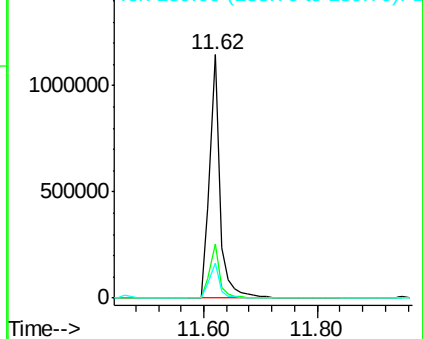


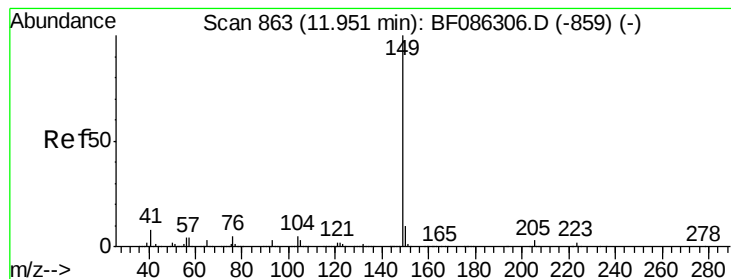
#72
 Carbazole
 Concen: 38.30 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.3	27.5
139	14.3	12.3	18.5



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





#73

Di-n-butylphthalate

Concen: 39.00 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:149 Resp: 1820990

Ion Ratio Lower Upper

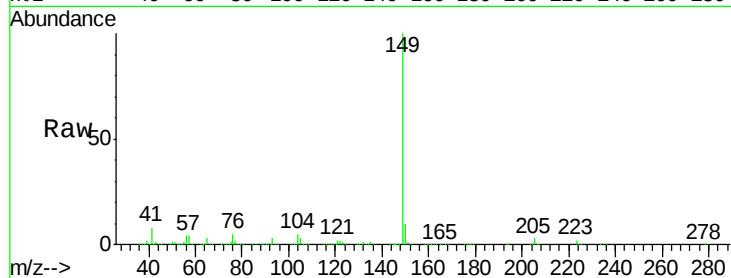
149 100

150 9.8 7.8 11.8

104 4.9 4.1 6.1

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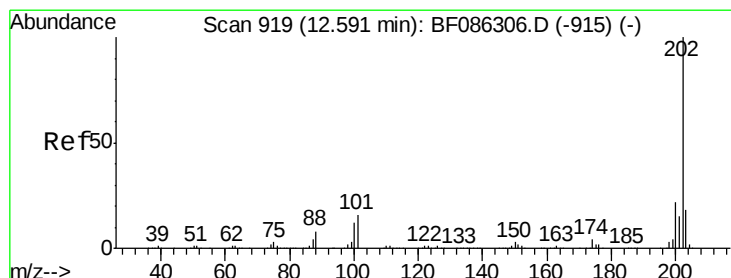
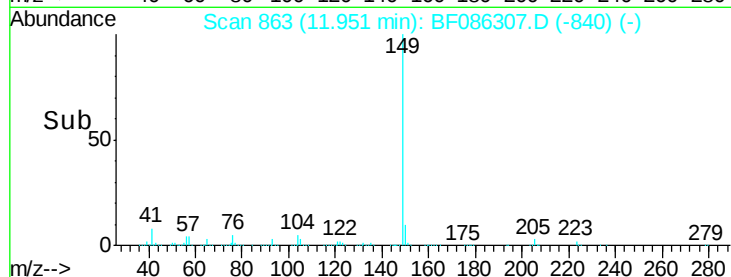
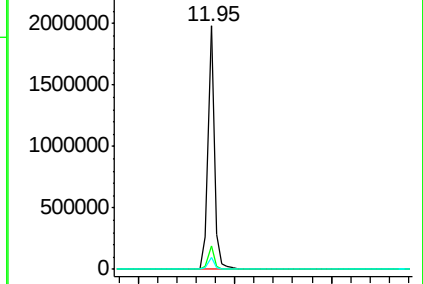
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.39 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

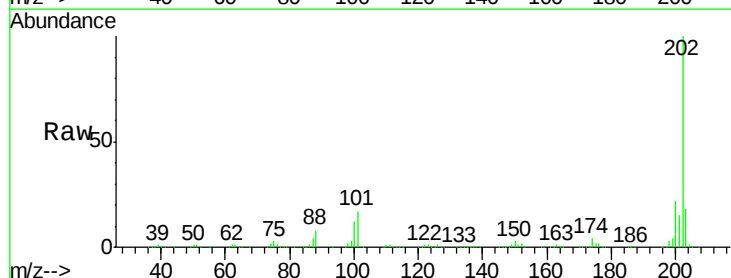
Tgt Ion:202 Resp: 1207355

Ion Ratio Lower Upper

202 100

101 16.7 0.0 35.2

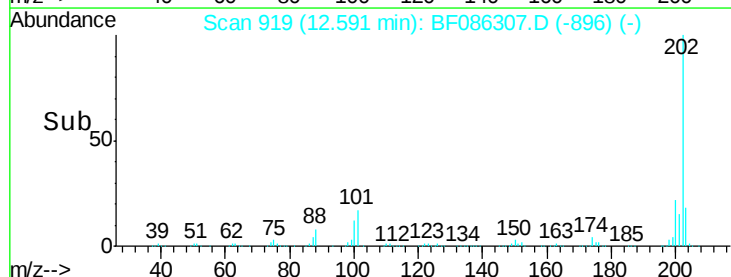
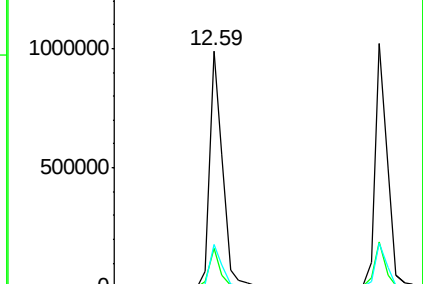
203 18.2 0.0 38.2

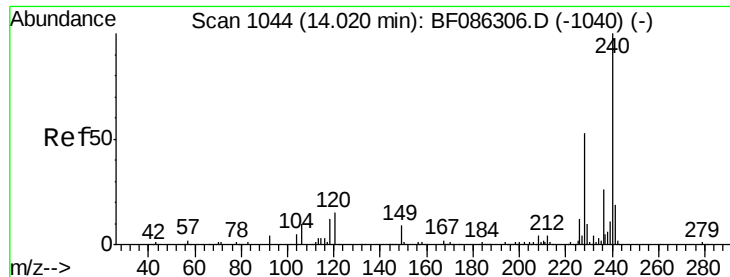


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

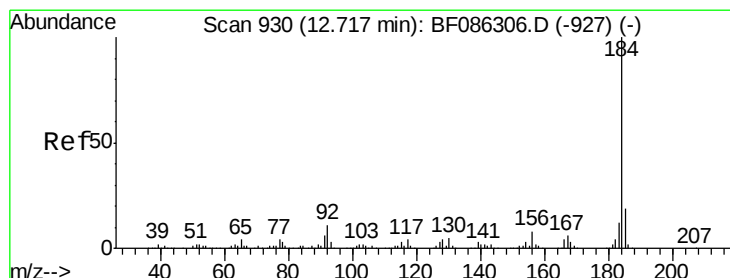
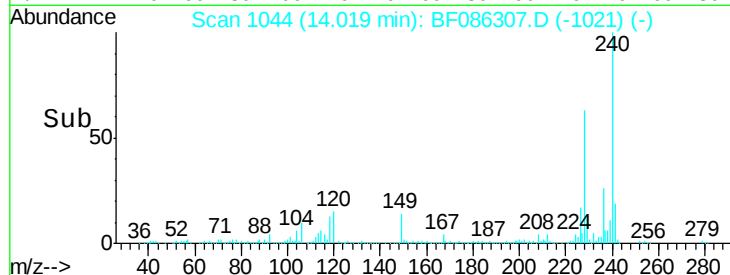
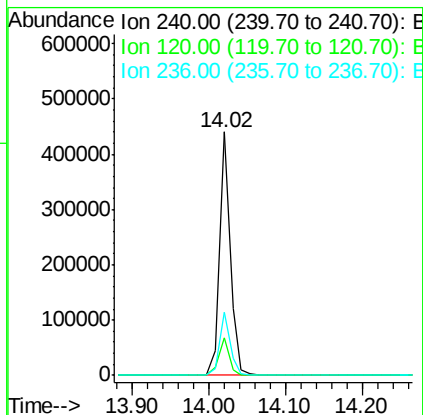
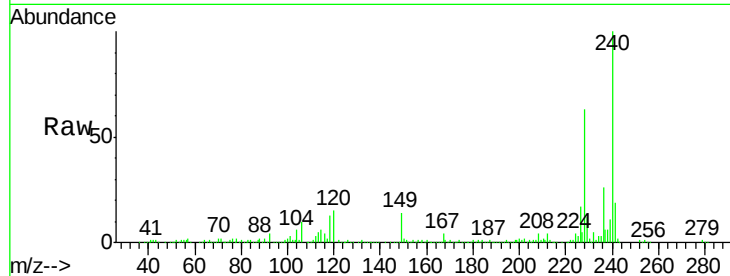
ClientSampleId :

ICVBF042016

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.3	13.9#
236	25.8	21.1	31.7

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#76

Benzidine

Concen: 37.79 ng

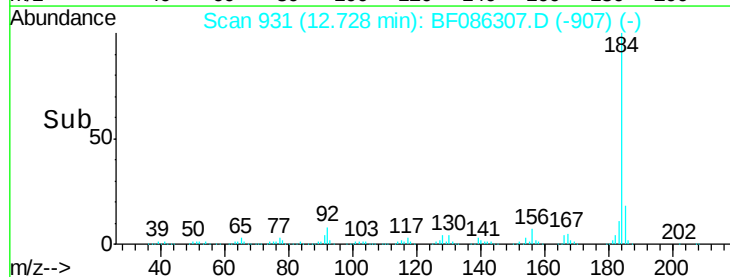
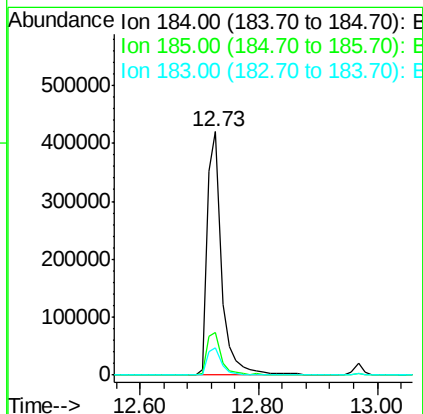
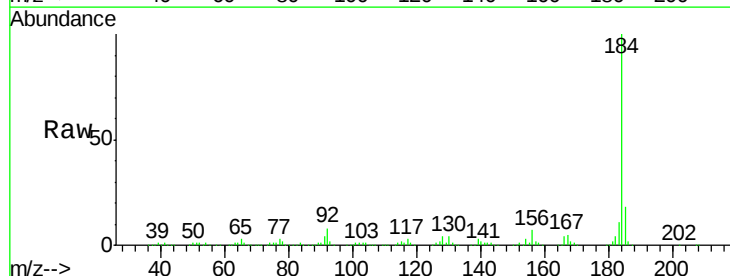
RT: 12.73 min Scan# 931

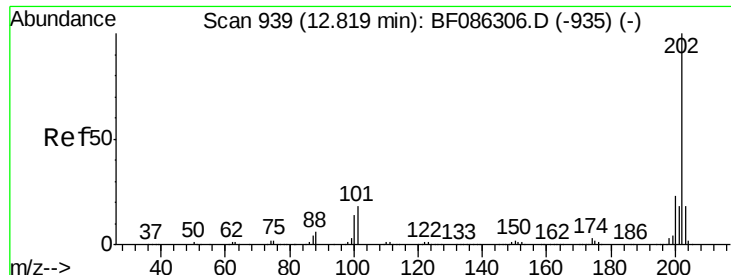
Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.7	14.2	21.2
183	11.4	9.8	14.6





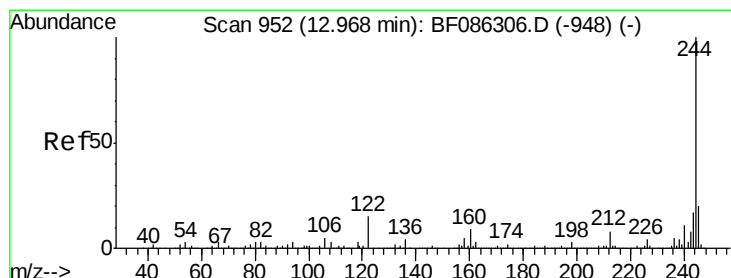
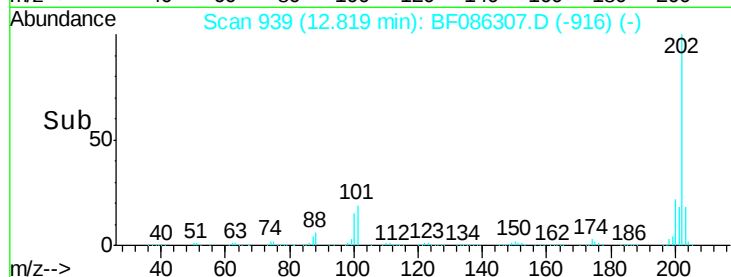
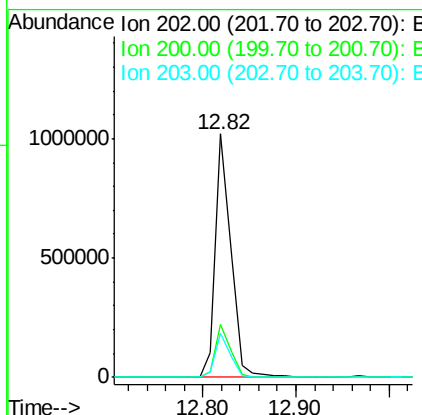
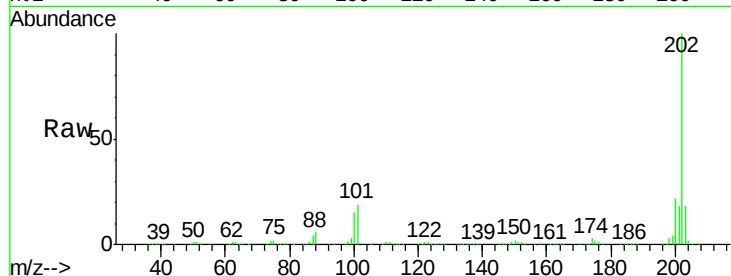
#77
Pvrene
Concen: 37.18 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.3	27.5
203	18.3	14.9	22.3

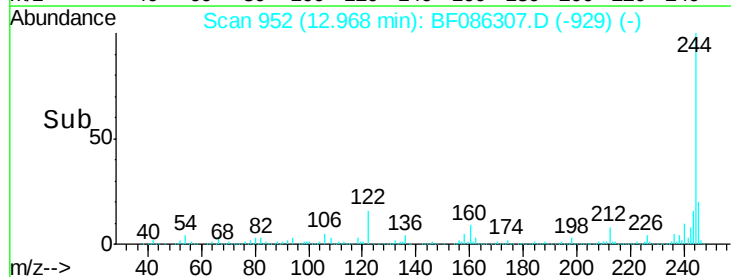
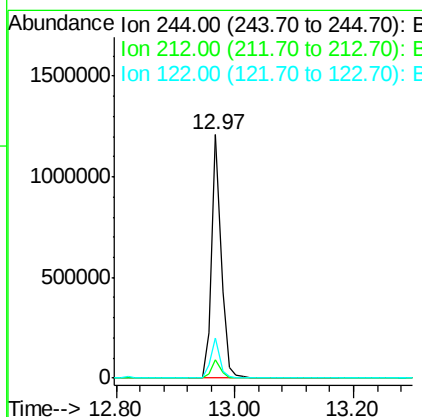
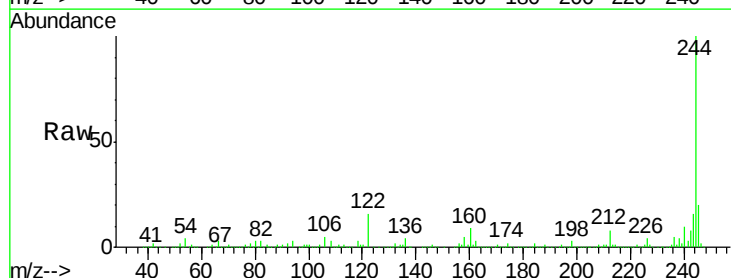
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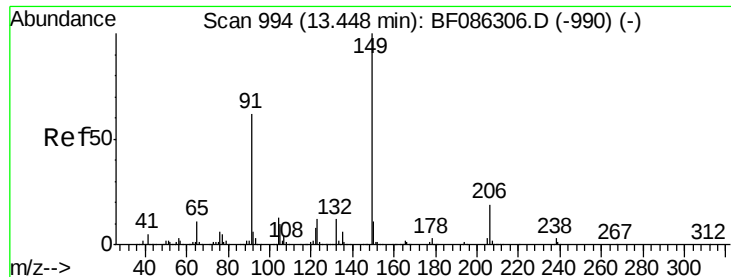
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#78
Terphenyl-d14
Concen: 74.46 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	16.3	11.7	17.5





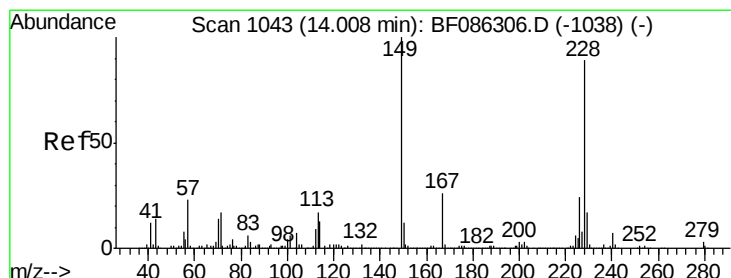
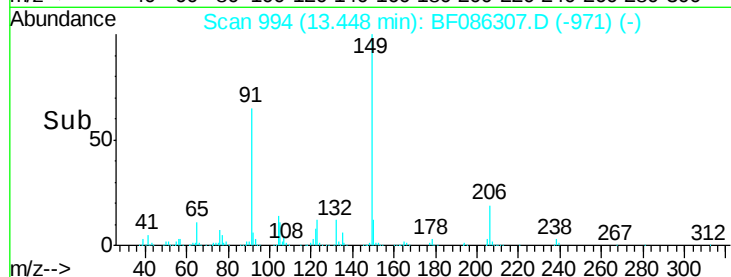
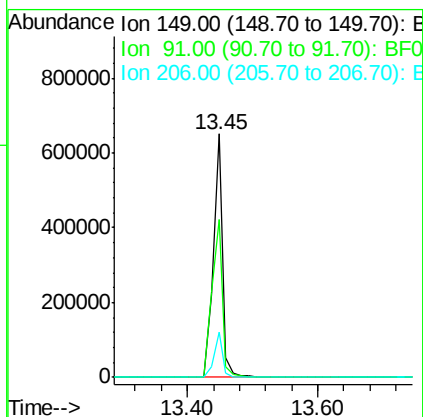
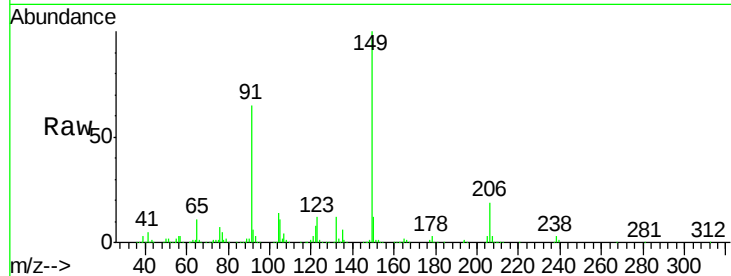
#79
Butylbenzylphthalate
Concen: 39.17 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Resp	Lower	Upper
149	100	655611		
91	65.0	48.7	73.1	
206	18.6	15.7	23.5	

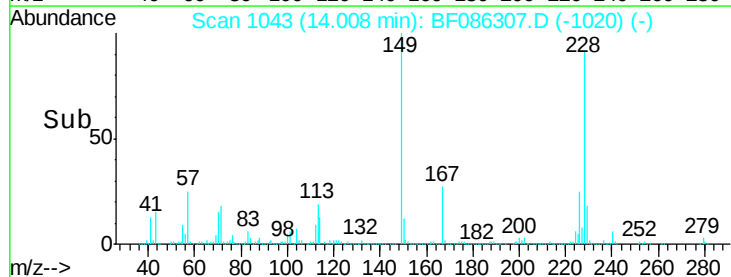
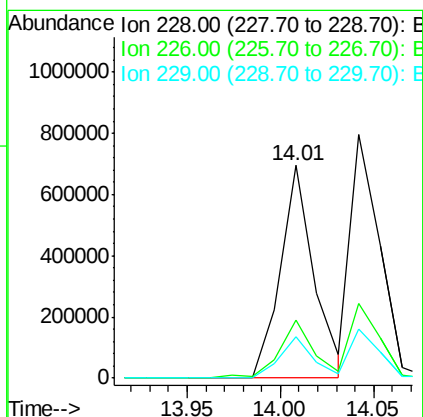
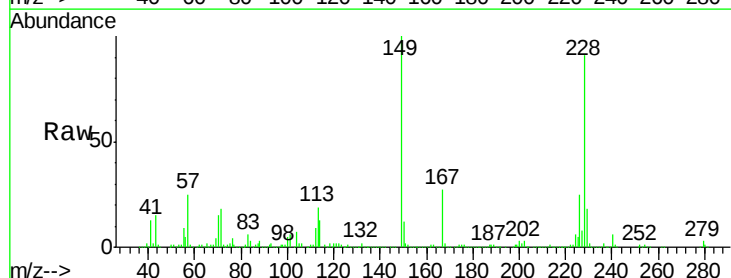
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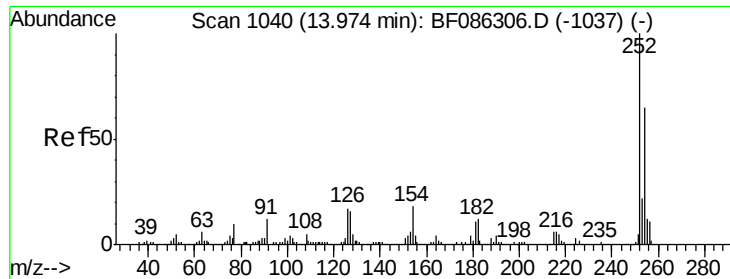
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#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	875200		
226	27.3	22.5	33.7	
229	19.6	16.2	24.2	





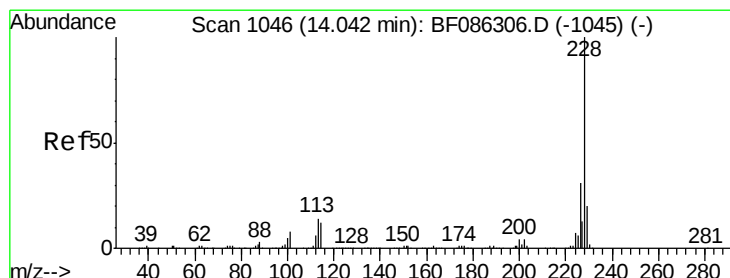
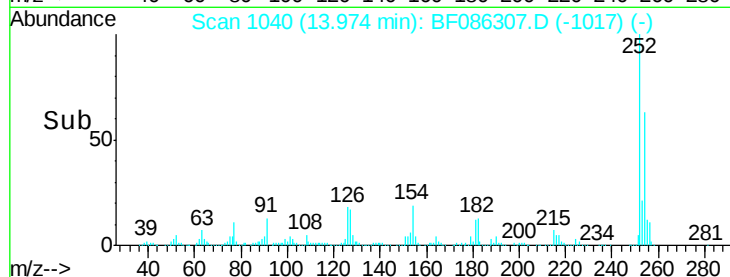
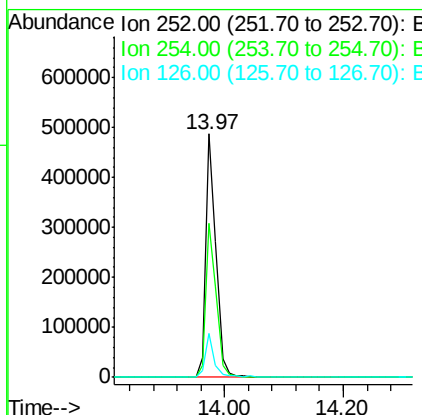
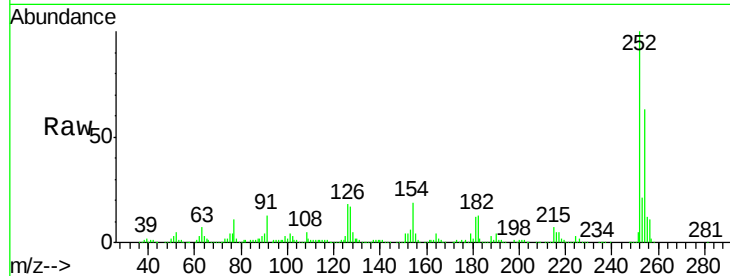
#81
 3,3'-Dichlorobenzidine
 Concen: 37.97 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Tot Ion	Ratio	Resp	Lower	Upper
252	100	591415		
254	63.0	52.1	78.1	
126	18.0	13.2	19.8	

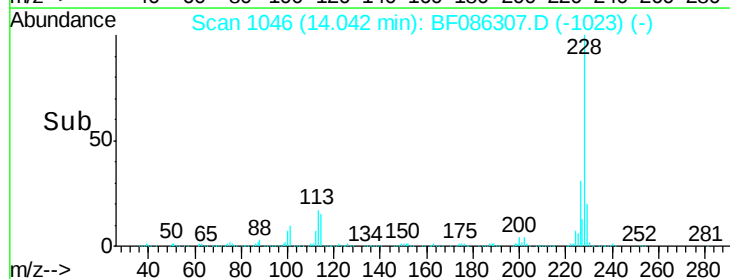
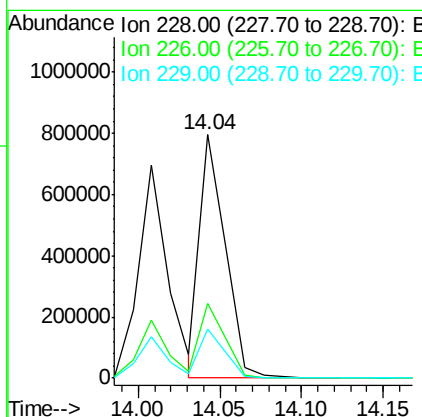
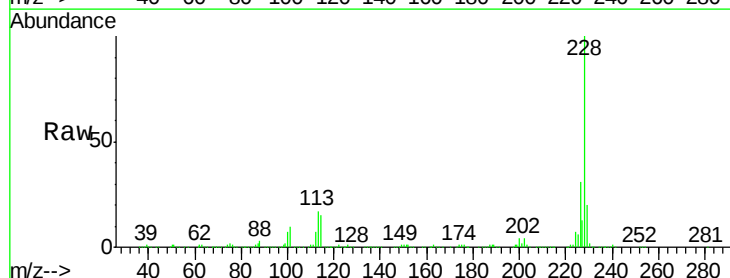
Manual Integrations
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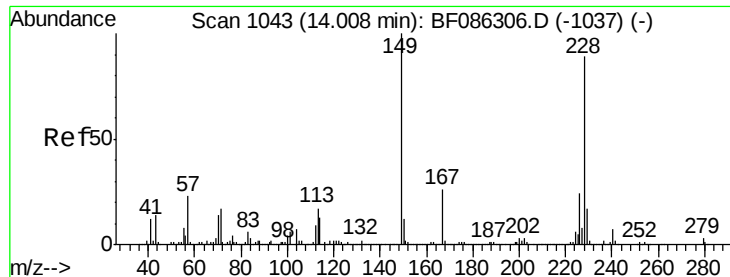
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#82
 Chrysene
 Concen: 35.95 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	875014		
226	30.9	25.4	38.2	
229	20.2	16.5	24.7	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.24 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

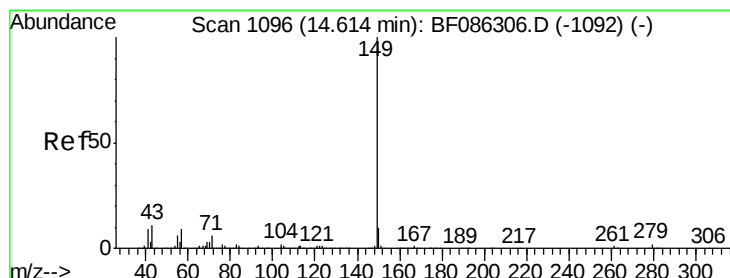
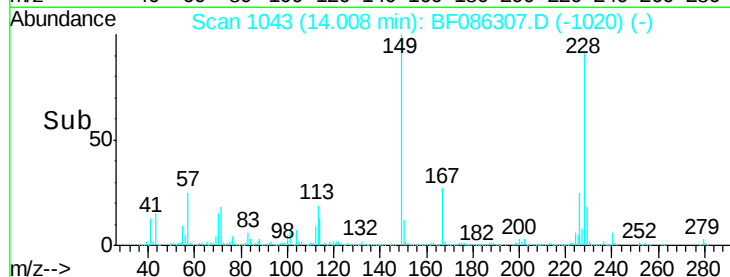
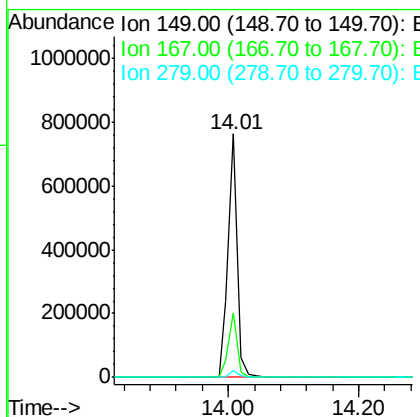
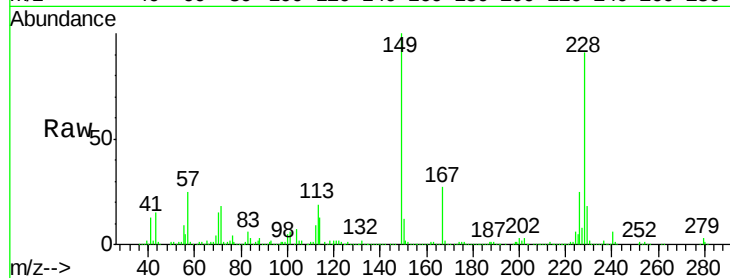
ClientSampleId :

ICVBF042016

Tot Ion:	149	Resp:	749473
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.0	31.4
279	2.8	2.4	3.6

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 38.86 ng

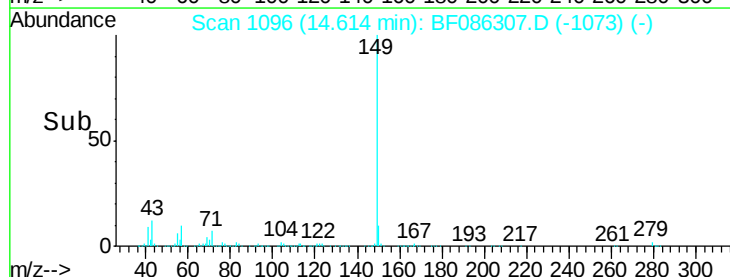
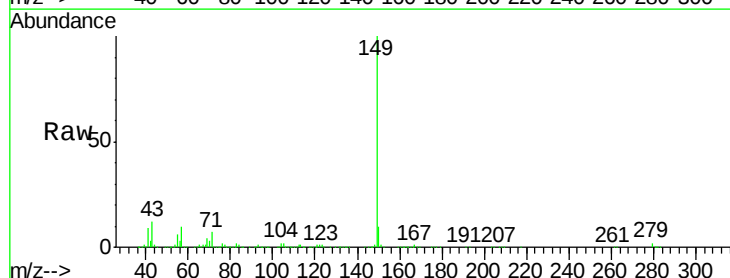
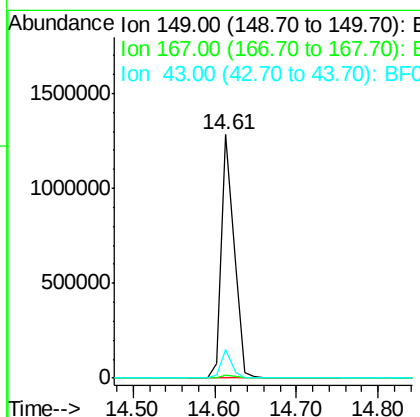
RT: 14.61 min Scan# 1096

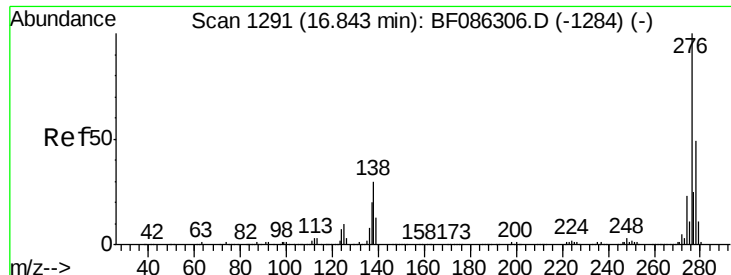
Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:	149	Resp:	1372791
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.9	9.1	13.7





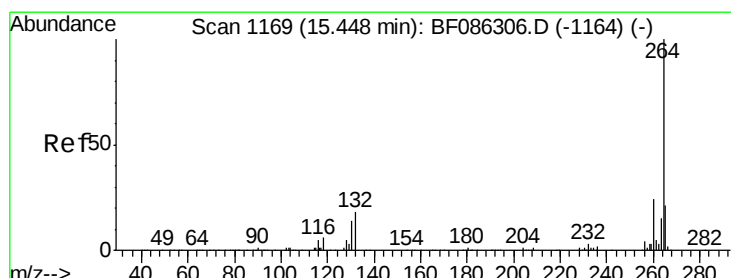
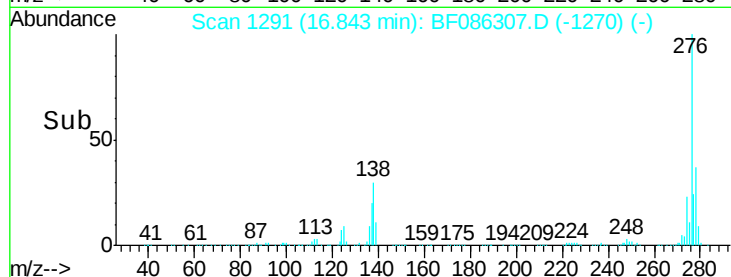
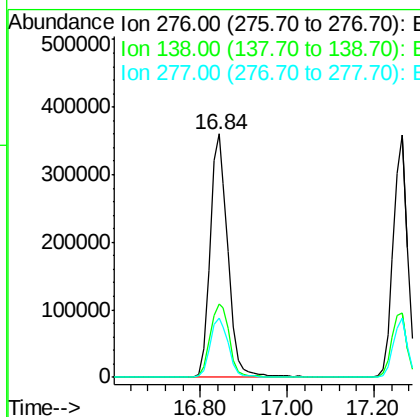
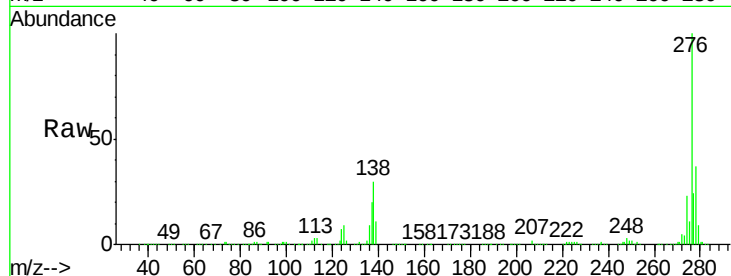
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.49 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	23.8	35.6
277	25.5	20.2	30.2

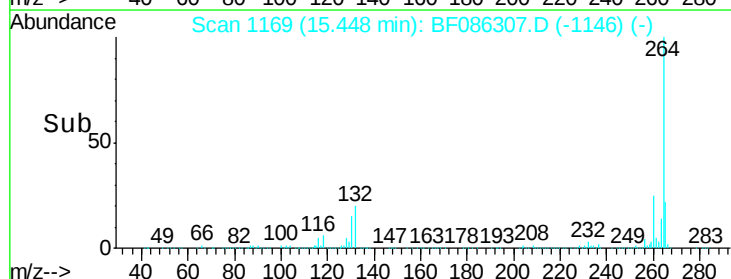
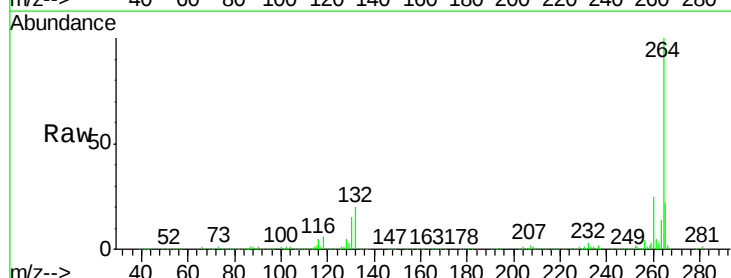
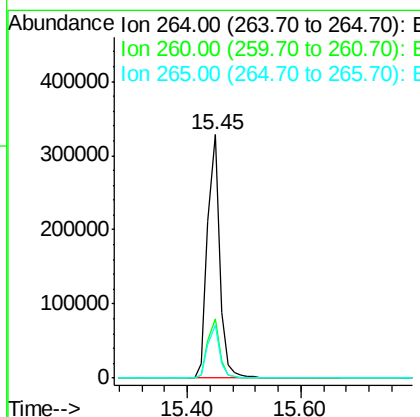
Manual Integrations
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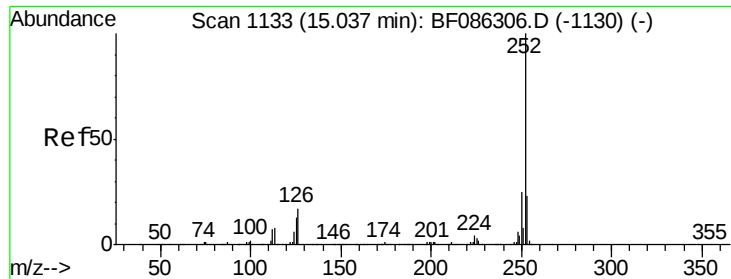
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.6	17.4	26.0





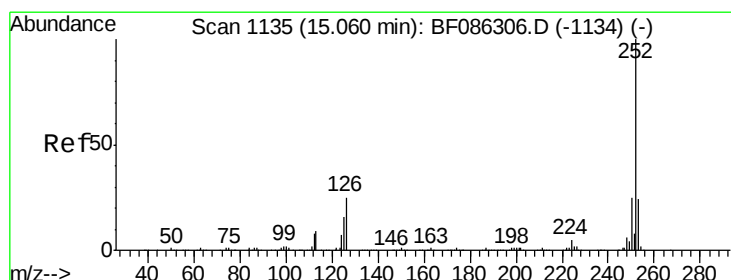
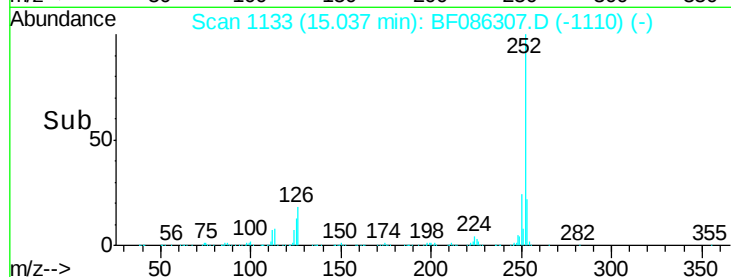
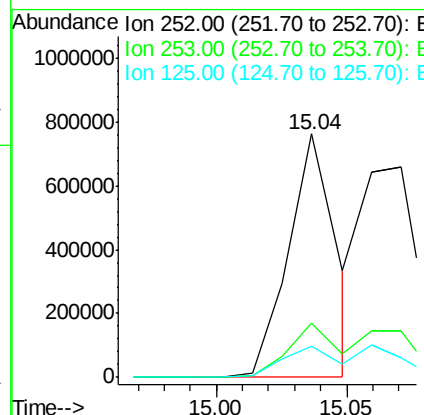
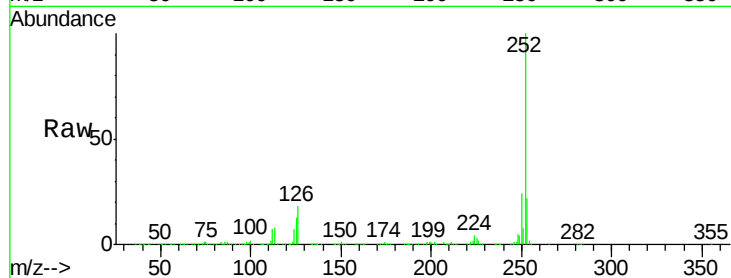
#87
Benzo(b)fluoranthene
Concen: 35.43 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	12.8	10.3	15.5

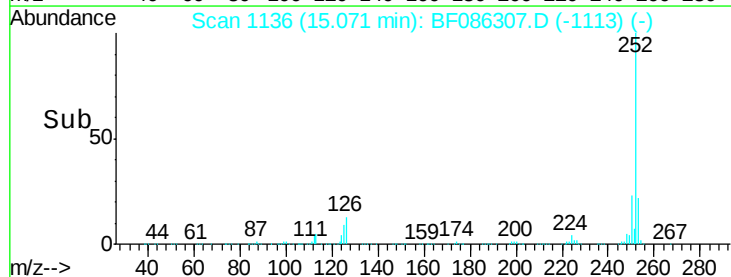
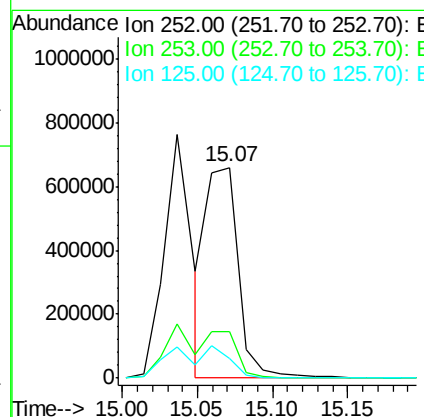
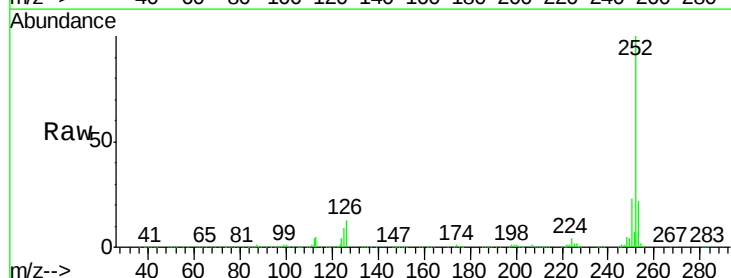
Manual Integrations
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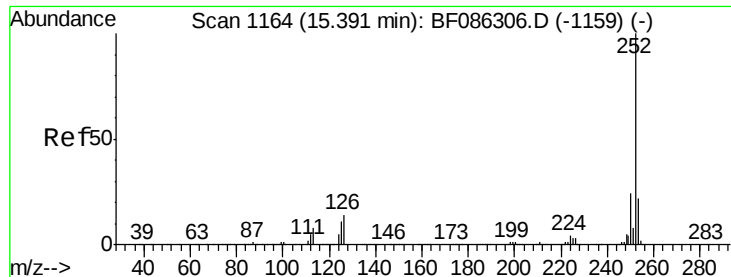
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4/21/2016 7:09:03 PM



#88
Benzo(k)fluoranthene
Concen: 43.39 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.1	7.8	11.6





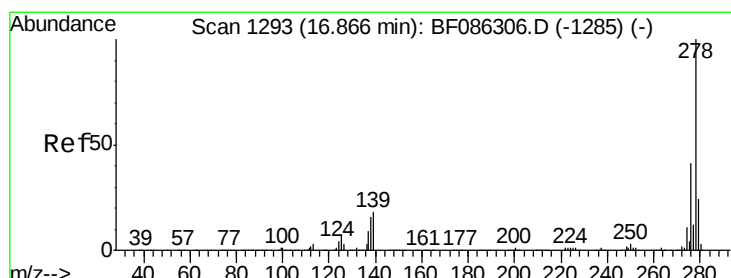
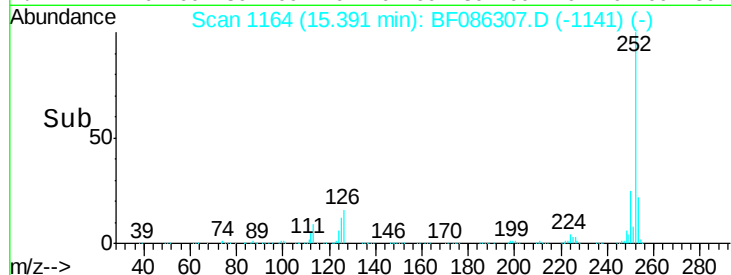
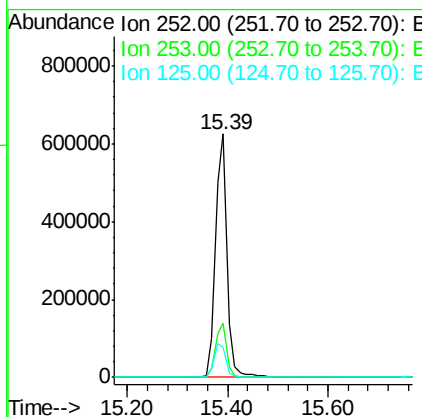
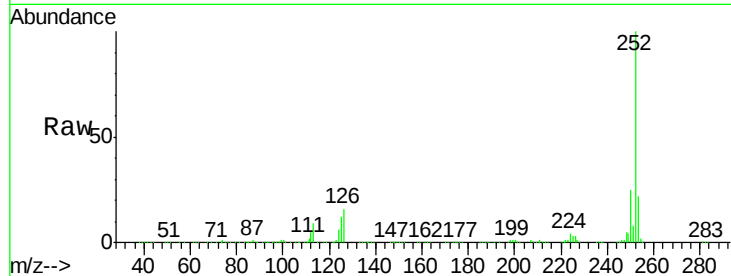
#89
Benzo(a)pyrene
Concen: 39.07 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.2	11.2	16.8

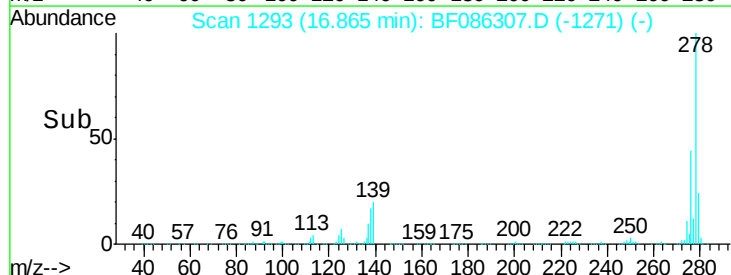
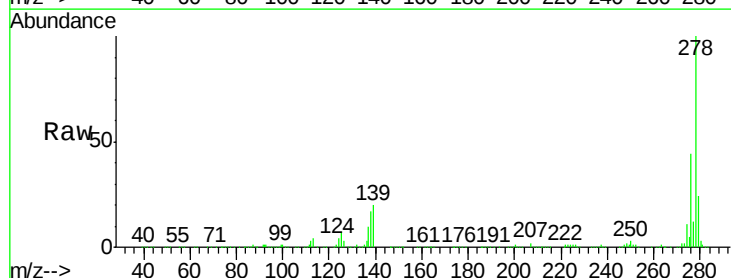
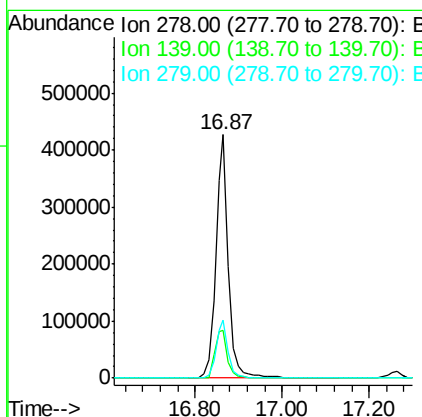
Manual Integrations
APPROVED

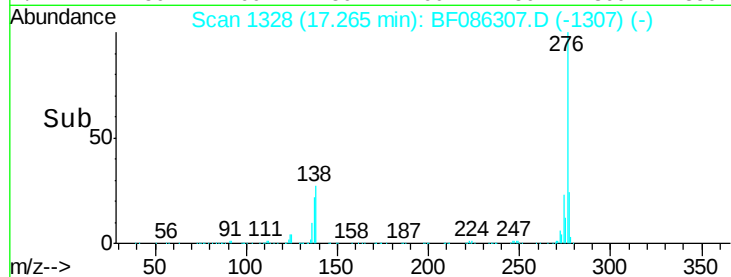
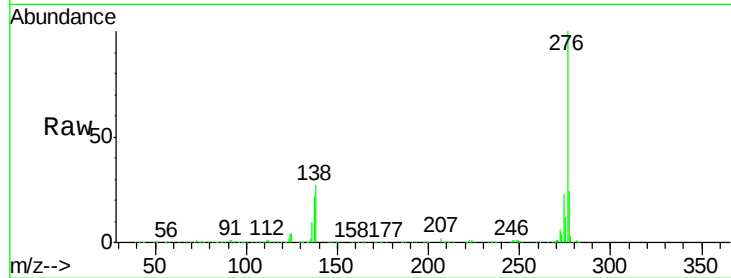
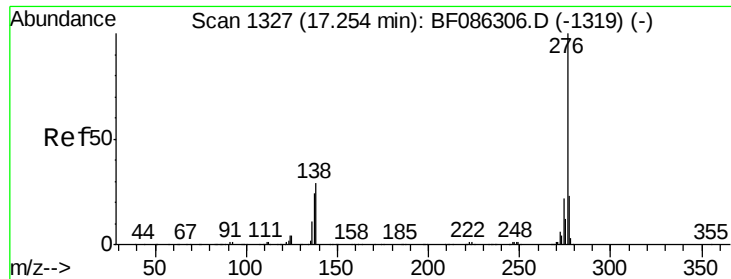
sohil
4/21/2016 7:09:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.77 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.3	22.9
279	24.0	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 39.89 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tot Ion:	276	Resp:	837912
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.0	28.6
138	26.8	19.6	29.4

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Manual Integrations
APPROVED

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