

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086919.D
 Acq On : 12 May 2016 7:53
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/12/2016 7:00:32 PM

Quant Time: May 12 15:28:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 15:26:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	262761	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	954478	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	366016	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	619085	20.00	ng	0.00
75) Chrysene-d12	13.78	240	545325	20.00	ng	0.00
86) Perylene-d12	15.14	264	462479	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1198113	77.22	ng	0.00
7) Phenol-d6	6.32	99	1400933	67.56	ng	0.00
23) Nitrobenzene-d5	7.22	82	1514460	79.67	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	281673	72.69	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1690131	77.61	ng	0.00
78) Terphenyl-d14	12.73	244	1643717	63.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	306723	40.27	ng	# 71
3) Pyridine	2.73	79	769795	41.34	ng	# 66
4) n-Nitrosodimethylamine	2.71	42	569170	42.15	ng	# 50
6) Aniline	6.31	93	884155	35.25	ng	94
8) 2-Chlorophenol	6.43	128	673061	35.95	ng	91
9) Benzaldehyde	6.18	77	451468	37.60	ng	98
10) Phenol	6.33	94	888419	36.05	ng	88
11) bis(2-Chloroethyl)ether	6.39	93	711789	37.04	ng	87
12) 1,3-Dichlorobenzene	6.57	146	725949	35.83	ng	# 89
13) 1,4-Dichlorobenzene	6.65	146	714436	34.58	ng	# 90
14) 1,2-Dichlorobenzene	6.81	146	629530	34.96	ng	96
15) Benzyl Alcohol	6.80	79	493971	34.50	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1485579	35.55	ng	79
17) 2-Methylphenol	6.92	107	488988	32.82	ng	# 68
18) Hexachloroethane	7.14	117	238106	30.63	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	547638	37.79	ng	# 86
20) 3+4-Methylphenols	7.08	107	593415	30.50	ng	# 62
22) Acetophenone	7.06	105	937433	41.58	ng	# 96
24) Nitrobenzene	7.23	77	695171	35.55	ng	93
25) Isophorone	7.47	82	1334019	37.82	ng	98
26) 2-Nitrophenol	7.55	139	345299	40.17	ng	# 90
27) 2,4-Dimethylphenol	7.61	122	549985	37.56	ng	88
28) bis(2-Chloroethoxy)methane	7.69	93	698917	36.74	ng	98
29) 2,4-Dichlorophenol	7.80	162	450111	34.93	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	583492	40.49	ng	97
31) Naphthalene	7.95	128	1815753	37.98	ng	99
32) Benzoic acid	7.77	122	243898	28.36	ng	# 78
33) 4-Chloroaniline	8.01	127	641682	34.54	ng	# 92
34) Hexachlorobutadiene	8.07	225	345398	41.31	ng	98
35) Caprolactam	8.41	113	136532	31.14	ng	# 56
36) 4-Chloro-3-methylphenol	8.51	107	454888	29.11	ng	91
37) 2-Methylnaphthalene	8.64	142	1047707	37.49	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	466426	43.83	ng	99
40) Hexachlorocyclopentadiene	8.79	237	37292	7.38	ng	93

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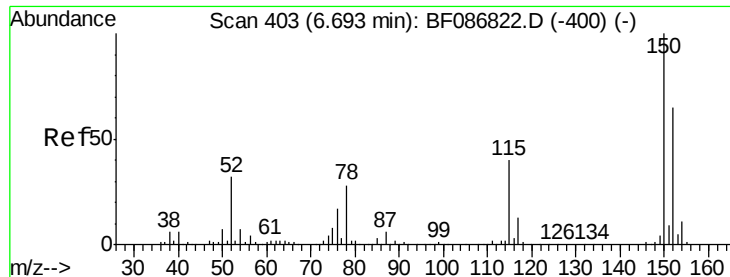
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	259505	36.47	ng	94
43) 2,4,5-Trichlorophenol	8.98	196	260073	35.34	ng	96
45) 1,1'-Biphenyl	9.11	154	1283729	44.09	ng	97
46) 2-Chloronaphthalene	9.13	162	977125	42.84	ng	99
47) 2-Nitroaniline	9.23	65	298535	35.81	ng #	76
48) Acenaphthylene	9.54	152	1350369	40.25	ng	99
49) Dimethylphthalate	9.42	163	1040903	37.28	ng	100
50) 2,6-Dinitrotoluene	9.48	165	215576	36.68	ng #	60
51) Acenaphthene	9.71	154	885081	42.41	ng	99
52) 3-Nitroaniline	9.64	138	215924	34.90	ng #	77
53) 2,4-Dinitrophenol	9.76	184	13237	11.68	ng #	86
54) Dibenzofuran	9.88	168	1017578	37.98	ng	95
55) 4-Nitrophenol	9.84	139	145883m	37.91	ng	
56) 2,4-Dinitrotoluene	9.88	165	258114	35.49	ng #	77
57) Fluorene	10.22	166	767710	33.60	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	205290	37.05	ng	94
59) Diethylphthalate	10.11	149	1064021	39.10	ng	97
60) 4-Chlorophenyl-phenylether	10.22	204	392892	38.01	ng	94
61) 4-Nitroaniline	10.26	138	222642	37.47	ng #	71
62) Azobenzene	10.38	77	1119790	38.14	ng	88
64) 4,6-Dinitro-2-methylphenol	10.28	198	32839	8.54	ng #	51
65) n-Nitrosodiphenylamine	10.34	169	756247	39.76	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	242100	38.57	ng #	75
67) Hexachlorobenzene	10.76	284	285879	38.97	ng #	83
68) Atrazine	10.87	200	202309	31.84	ng	94
69) Pentachlorophenol	10.97	266	147362	43.47	ng	98
70) Phenanthrene	11.18	178	1267302	38.36	ng	99
71) Anthracene	11.22	178	1232567	36.48	ng	100
72) Carbazole	11.39	167	1213198	41.77	ng	100
73) Di-n-butylphthalate	11.73	149	1397946	39.41	ng #	98
74) Fluoranthene	12.35	202	1245178	36.64	ng	99
76) Benzidine	12.49	184	597754	43.00	ng	98
77) Pyrene	12.58	202	1311555	31.41	ng	99
79) Butylbenzylphthalate	13.21	149	614616	34.80	ng #	69
80) Benzo(a)anthracene	13.77	228	1221005	39.88	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	814358	41.87	ng #	96
82) Chrysene	13.81	228	1079329	34.66	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	808442	38.06	ng #	95
84) Di-n-octyl phthalate	14.39	149	1653976	47.01	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.40	276	939585	36.26	ng	95
87) Benzo(b)fluoranthene	14.78	252	1293538m	43.04	ng	
88) Benzo(k)fluoranthene	14.80	252	834188m	33.90	ng	
89) Benzo(a)pyrene	15.09	252	947028	36.53	ng	96
90) Dibenzo(a,h)anthracene	16.41	278	778129	35.61	ng	98
91) Benzo(g,h,i)perylene	16.78	276	770904	34.72	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

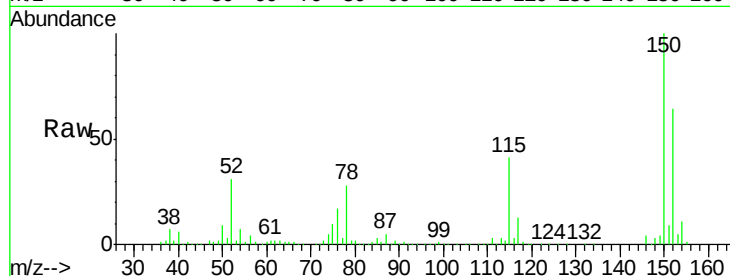
ClientSampleId :

SSTDCCC040

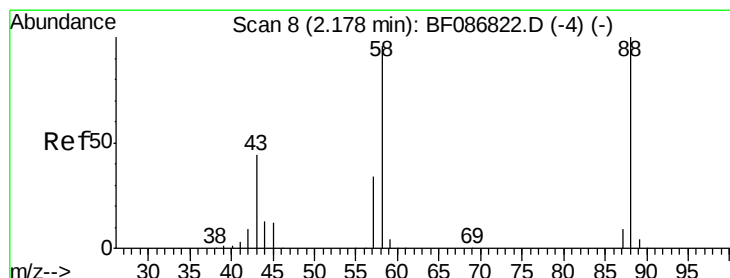
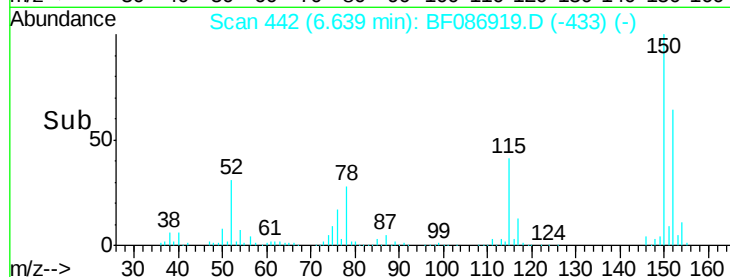
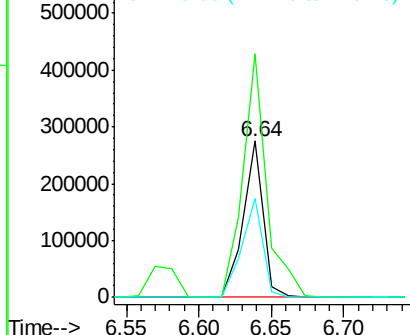
Tgt Ion:	152	Resp:	262761
Ion Ratio	Lower	Upper	
152	100		
150	156.0	125.8	188.6
115	63.2	51.5	77.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.27 ng

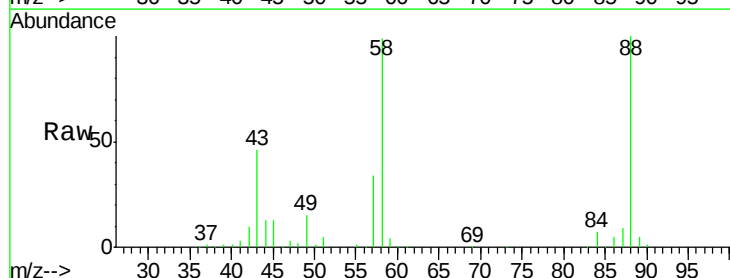
RT: 2.08 min Scan# 43

Delta R.T. 0.00 min

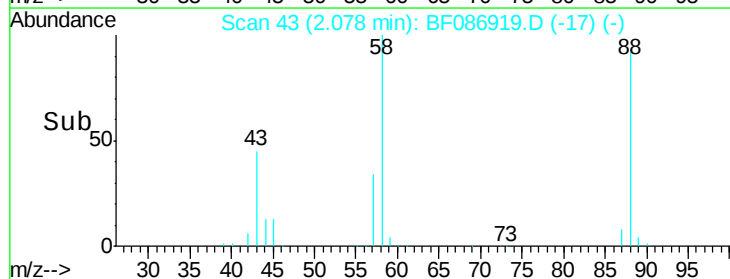
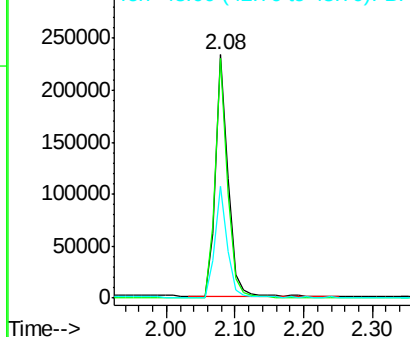
Lab File: BF086919.D

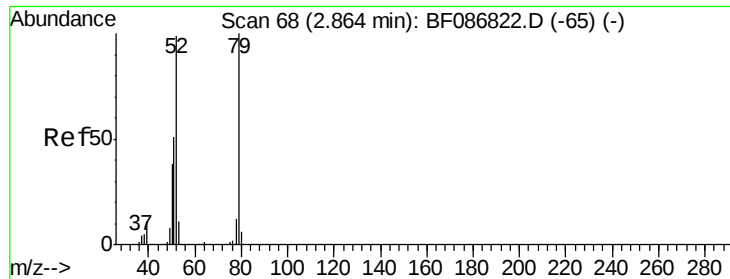
Acq: 12 May 2016 7:53

Tgt Ion:	88	Resp:	306723
Ion Ratio	Lower	Upper	
88	100		
58	97.7	59.6	89.4#
43	44.5	21.8	32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.34 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

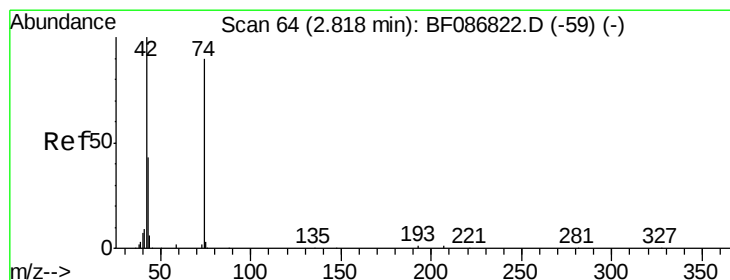
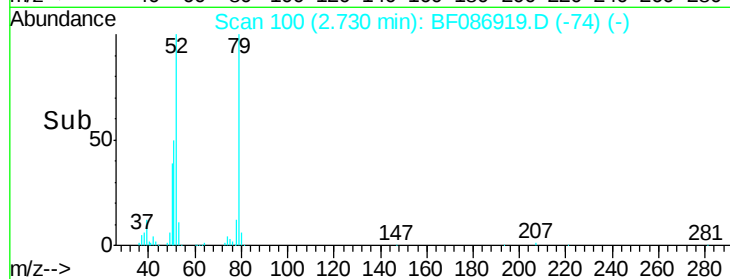
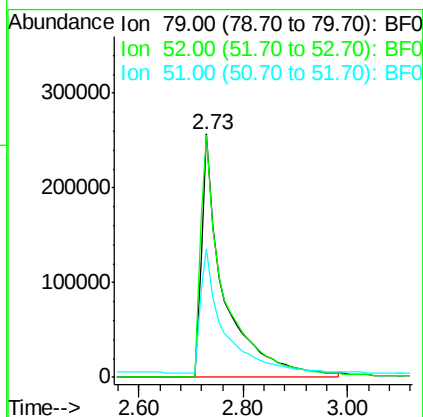
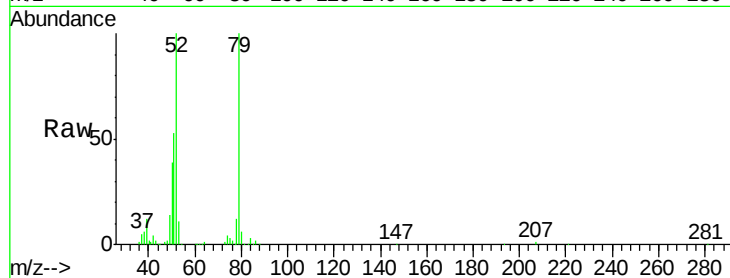
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	769795
Ion Ratio	Lower	Upper	
79	100		
52	99.7	55.9	83.9#
51	52.6	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 42.15 ng

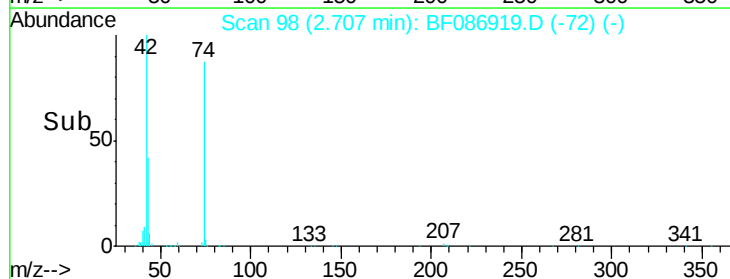
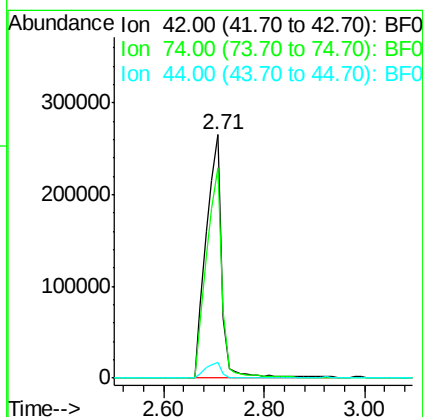
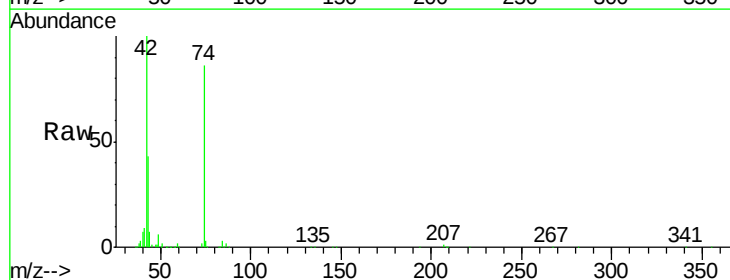
RT: 2.71 min Scan# 98

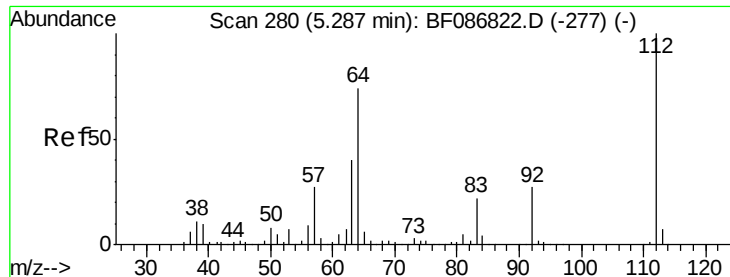
Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:	42	Resp:	569170
Ion Ratio	Lower	Upper	
42	100		
74	86.5	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 77.22 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

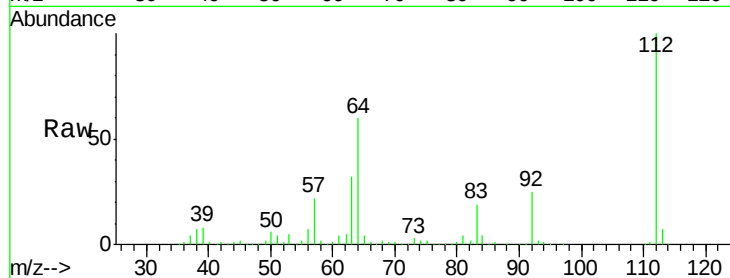
ClientSampleId :

SSTDCCC040

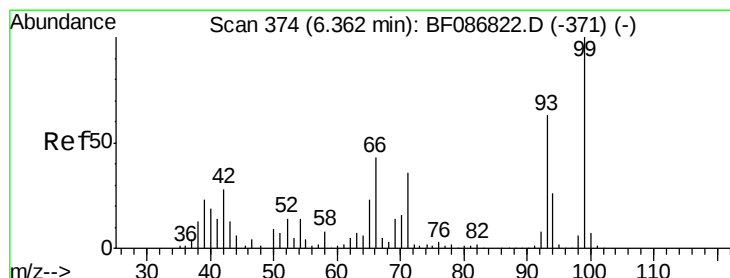
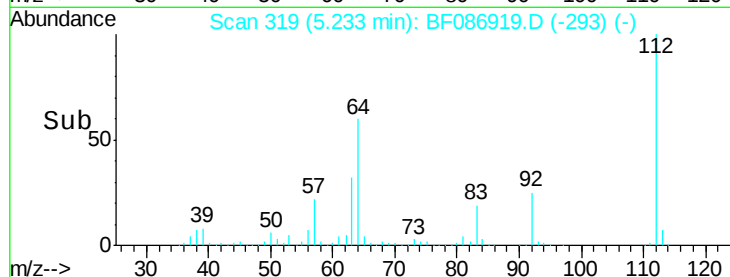
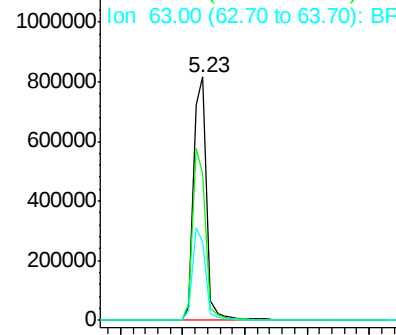
Tgt Ion:	112	Resp:	1198113
Ion Ratio	Lower	Upper	
112	100		
64	59.9	52.1	78.1
63	32.2	25.7	38.5

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Abundance Ion 112.00 (111.70 to 112.70): BF086919.D (-293) (-)



#6

Aniline

Concen: 35.25 ng

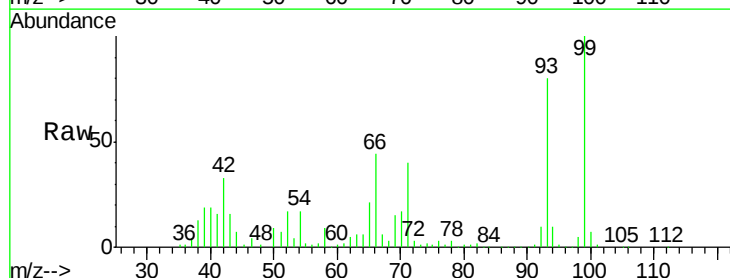
RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

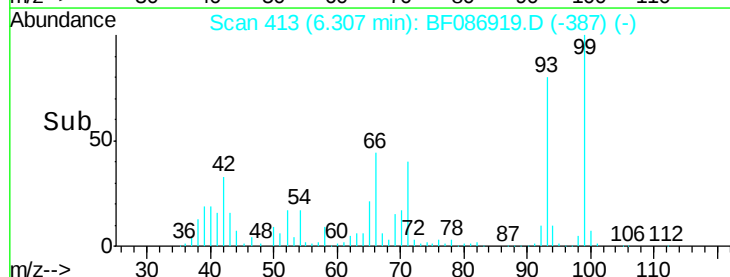
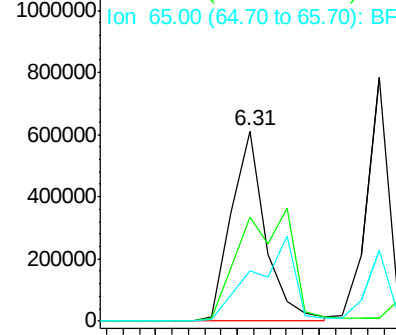
Lab File: BF086919.D

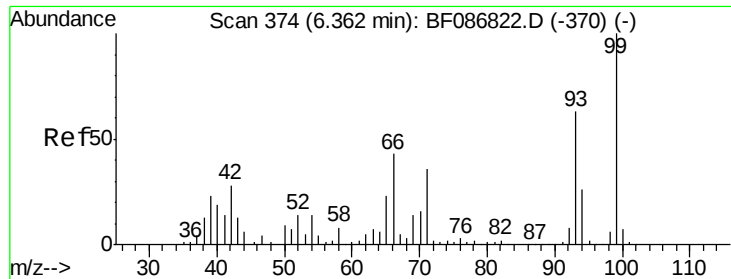
Acq: 12 May 2016 7:53

Tgt Ion:	93	Resp:	884155
Ion Ratio	Lower	Upper	
93	100		
66	54.7	39.0	58.6
65	26.4	20.6	31.0



Abundance Ion 93.00 (92.70 to 93.70): BF086919.D (-387) (-)





#7

Phenol-d6

Concen: 67.56 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1400933

Ion Ratio Lower Upper

99 100

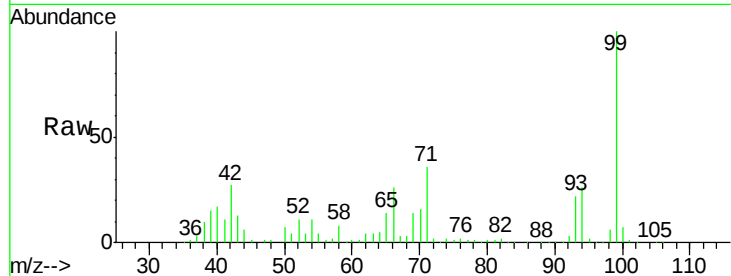
42 27.3 13.6 20.4#

71 36.4 24.6 36.8

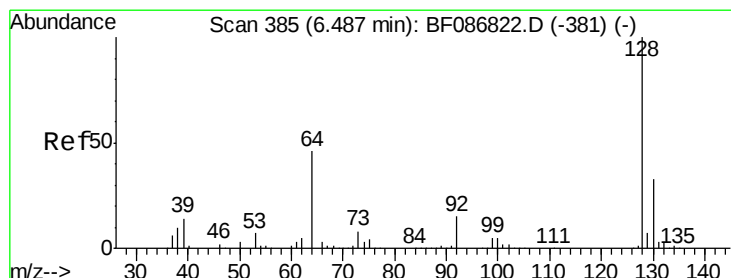
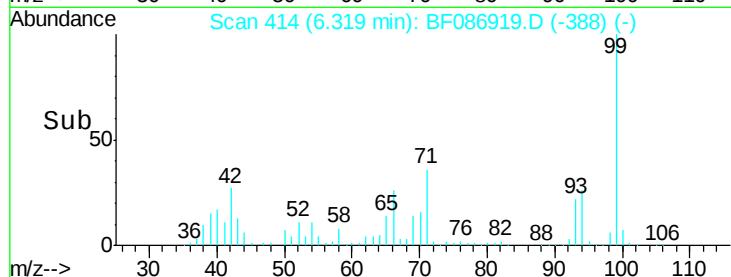
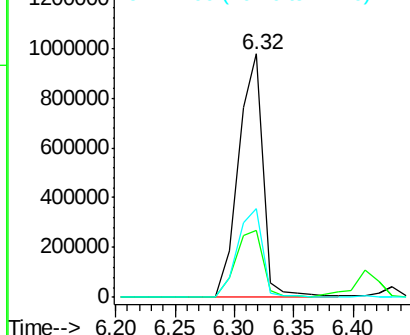
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.95 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

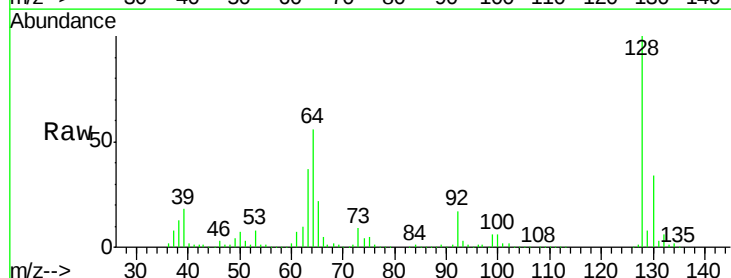
Tgt Ion: 128 Resp: 673061

Ion Ratio Lower Upper

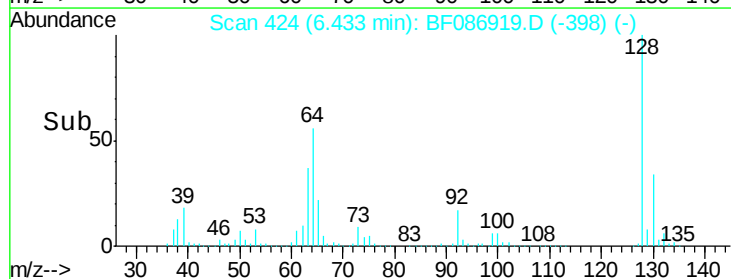
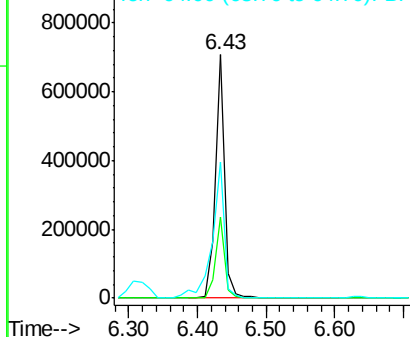
128 100

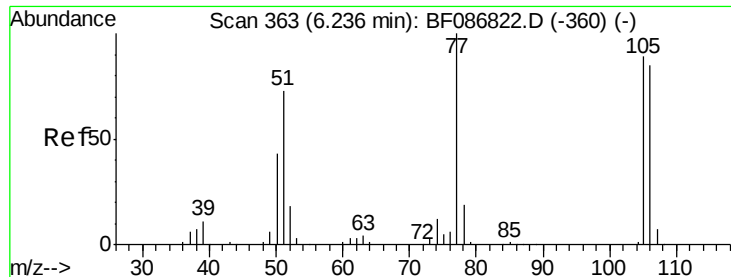
130 33.5 12.5 52.5

64 56.1 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.60 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

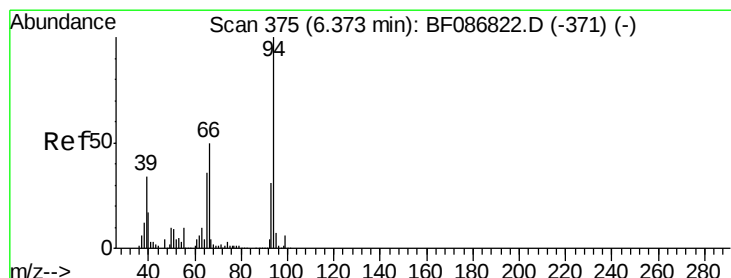
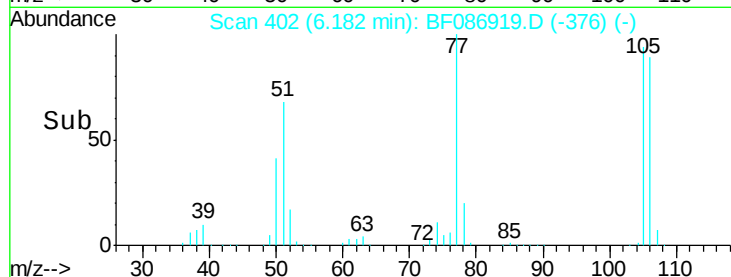
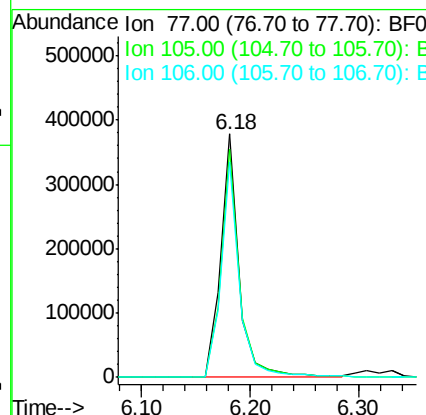
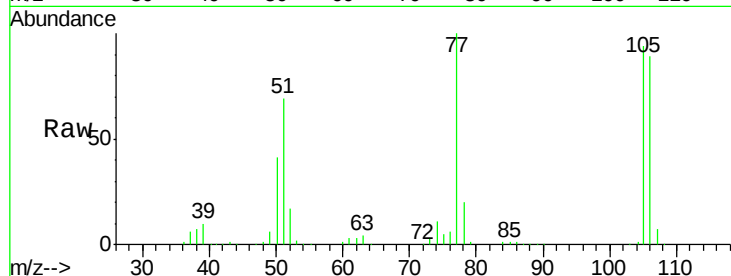
ClientSampleId :

SSTDCCC040

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Tgt Ion:	77	Resp:	451468
Ion Ratio	Lower	Upper	
77	100		
105	93.7	72.7	112.7
106	88.5	70.8	110.8



#10

Phenol

Concen: 36.05 ng

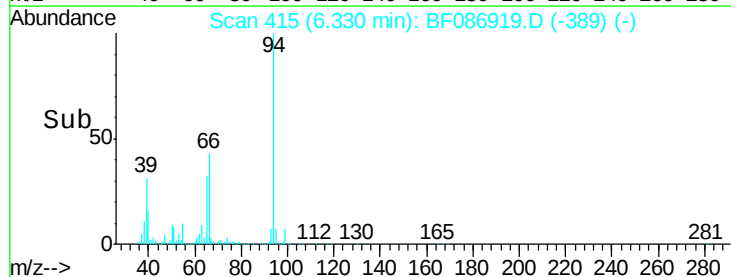
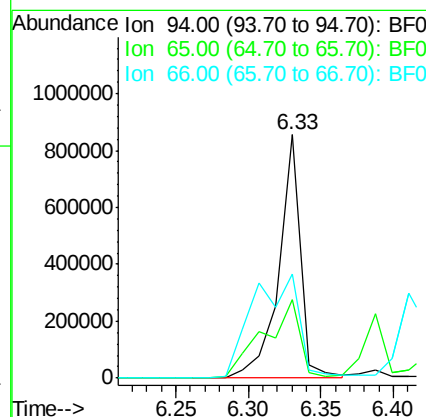
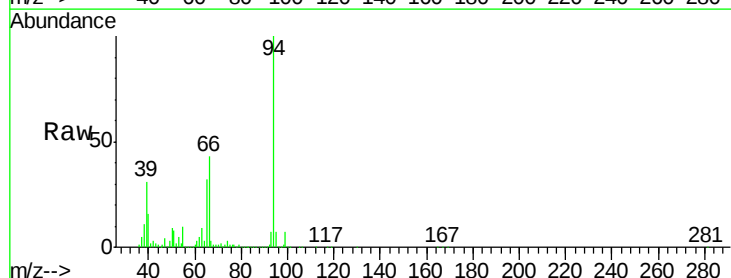
RT: 6.33 min Scan# 415

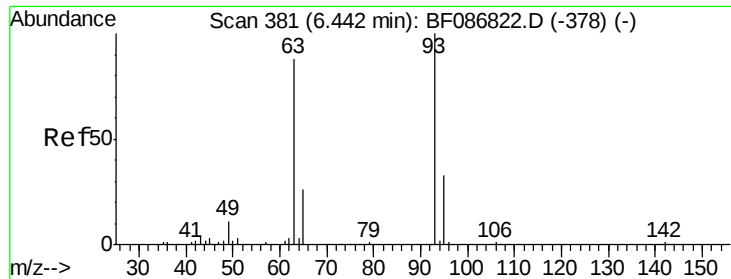
Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:	94	Resp:	888419
Ion Ratio	Lower	Upper	
94	100		
65	32.1	7.2	47.2
66	42.6	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 37.04 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

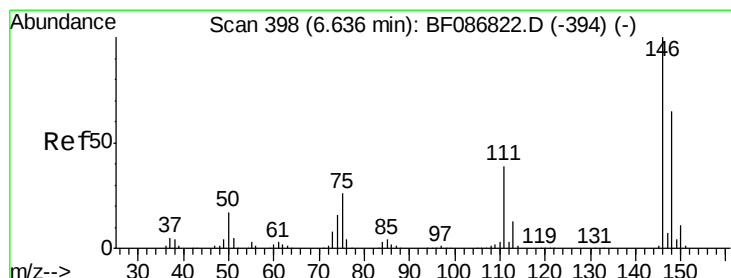
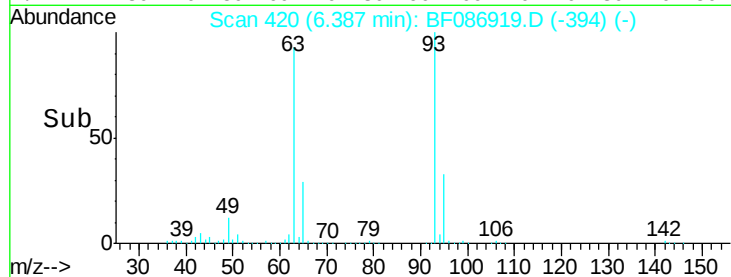
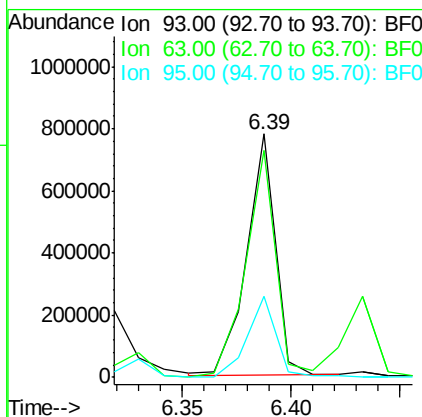
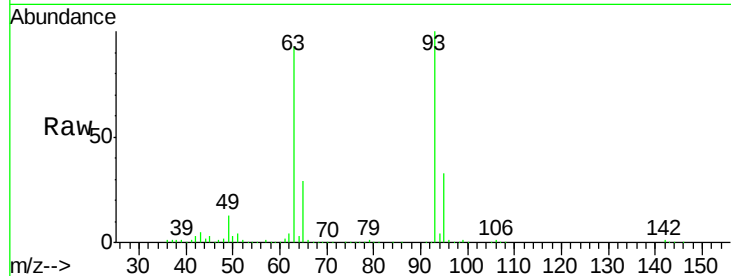
ClientSampleId :

SSTDCCC040

Tgt Ion:	93	Resp:	711789
Ion	Ratio	Lower	Upper
93	100		
63	93.2	58.0	98.0
95	33.2	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 35.83 ng

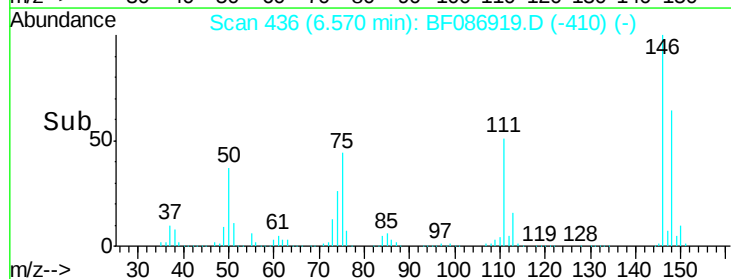
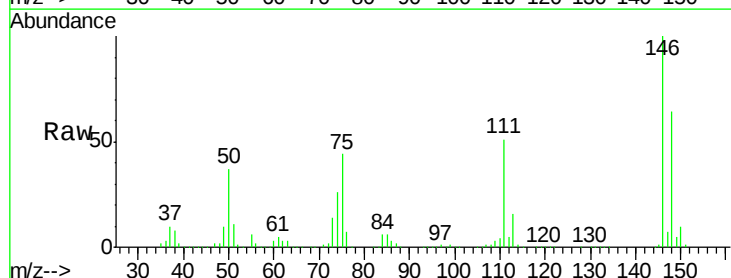
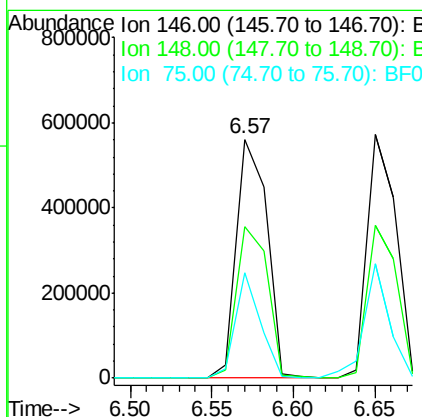
RT: 6.57 min Scan# 436

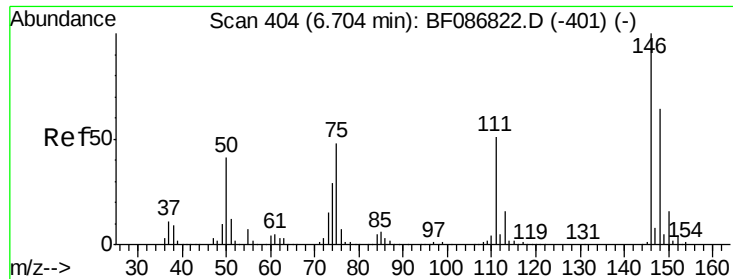
Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:	146	Resp:	725949
Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.4	78.6
75	44.2	22.8	34.2#





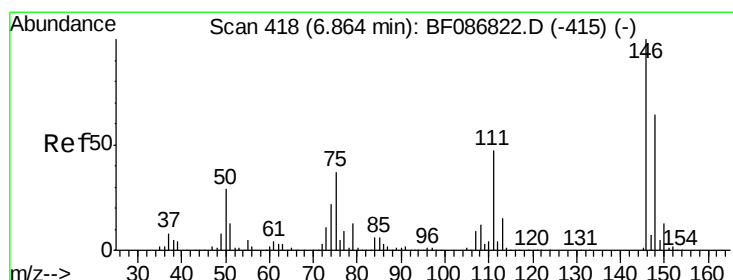
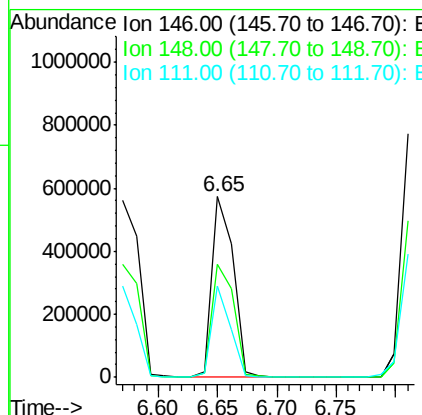
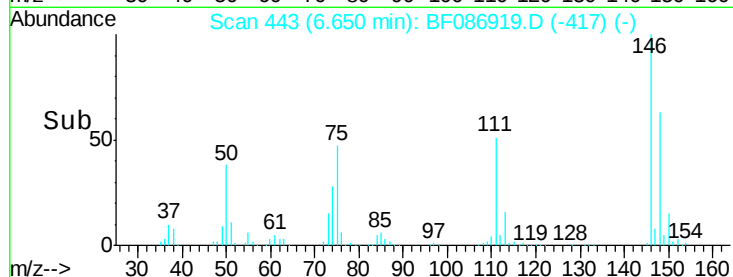
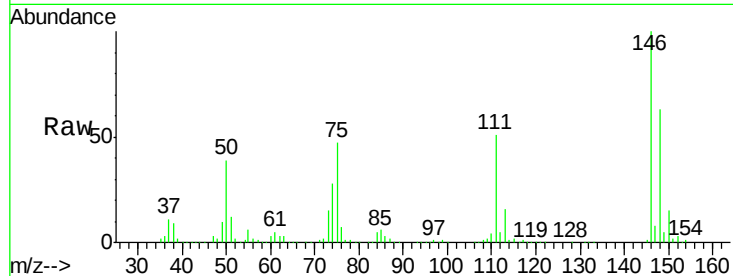
#13
 1,4-Dichlorobenzene
 Concen: 34.58 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.4
111	50.7	30.7	46.1

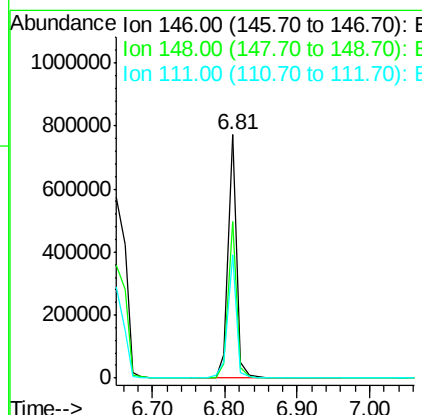
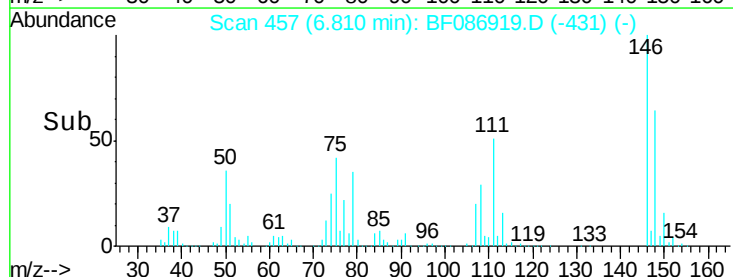
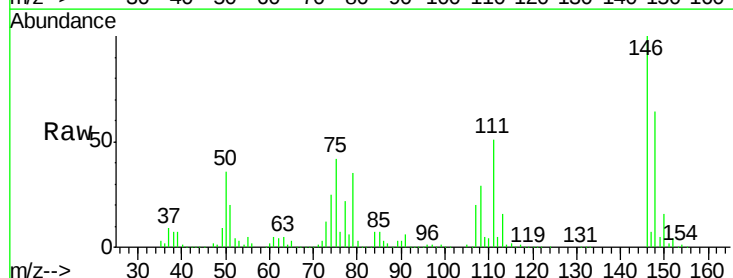
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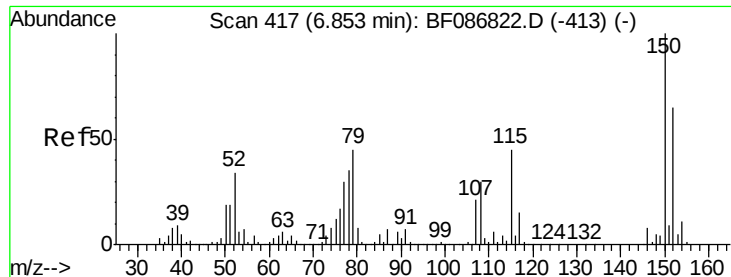
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 5/12/2016 7:00:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.96 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	50.7	36.2	54.4





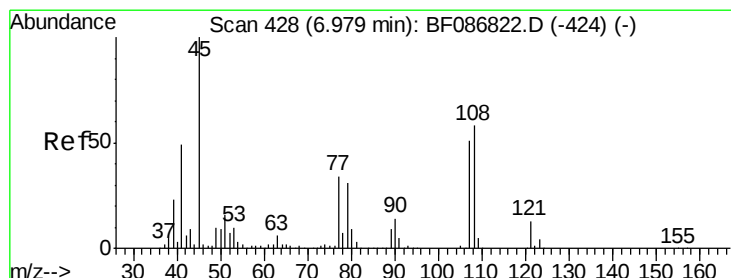
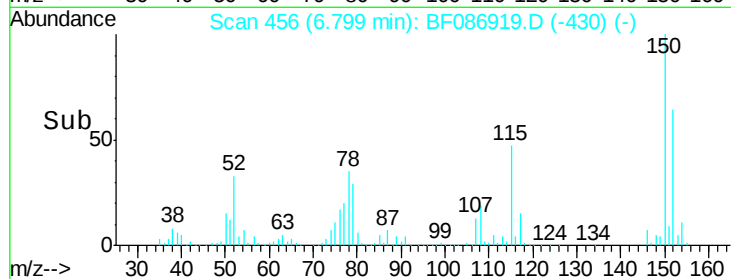
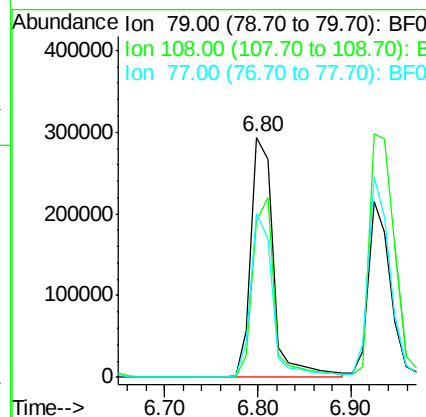
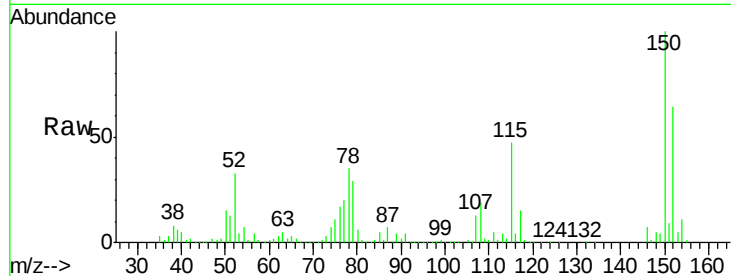
#15
Benzyl Alcohol
Concen: 34.50 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	65.2	68.4	102.6#
77	68.4	50.6	76.0

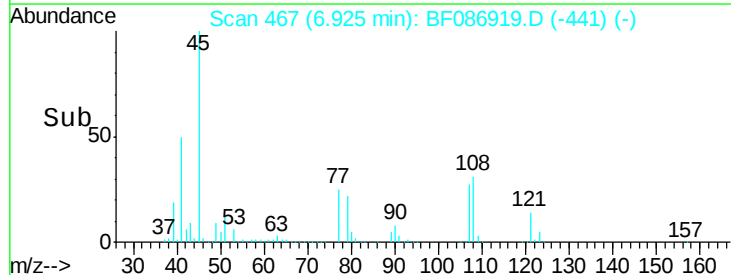
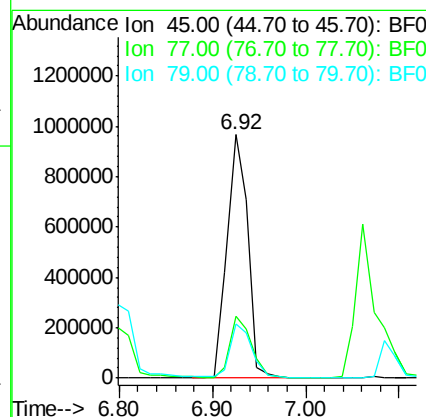
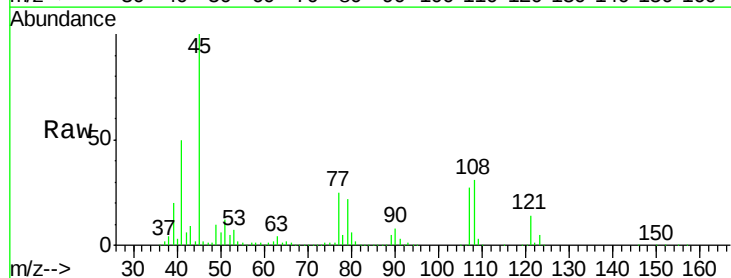
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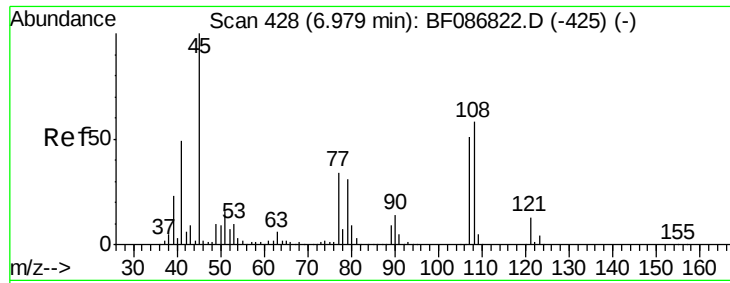
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.55 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.3	0.0	36.4
79	22.2	0.0	33.4





#17

2-Methylphenol

Concen: 32.82 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

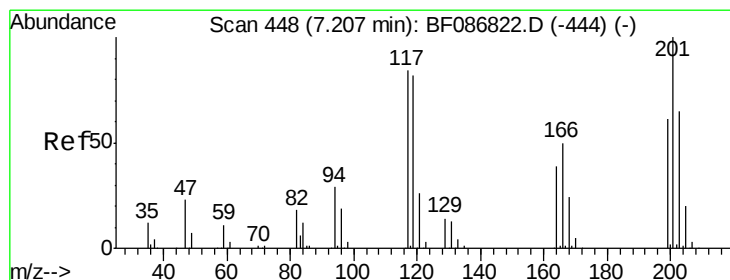
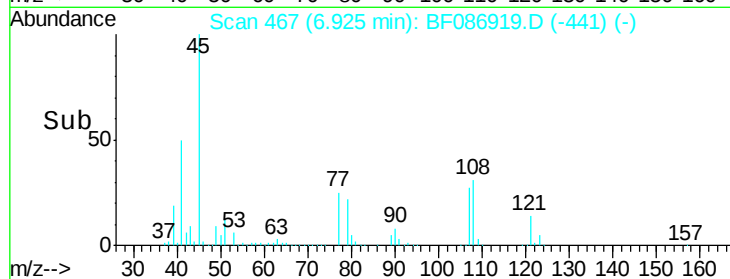
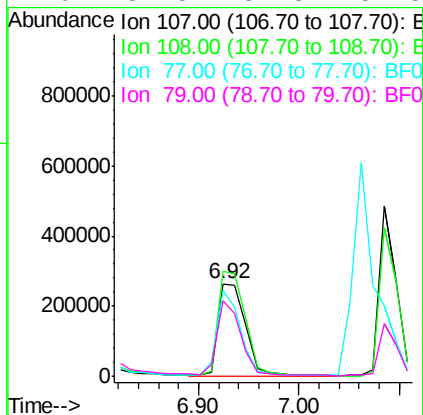
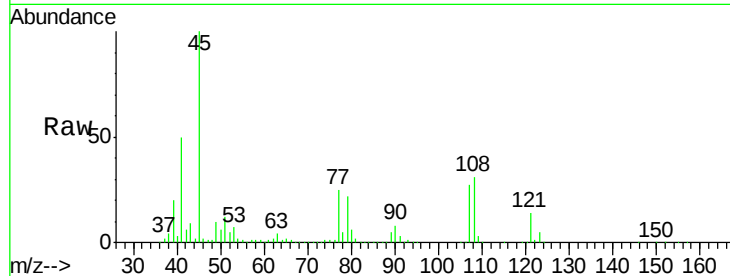
ClientSampleId :

SSTDCCC040

Tgt Ion:	107	Resp:	488988
Ion Ratio	Lower	Upper	
107	100		
108	113.1	93.7	140.5
77	93.0	33.4	50.0#
79	81.5	34.3	51.5#

Manual Integrations
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#18

Hexachloroethane

Concen: 30.63 ng

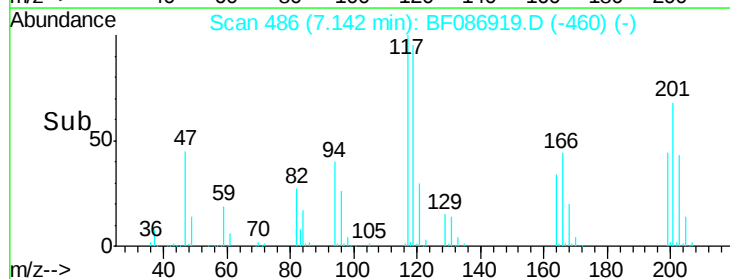
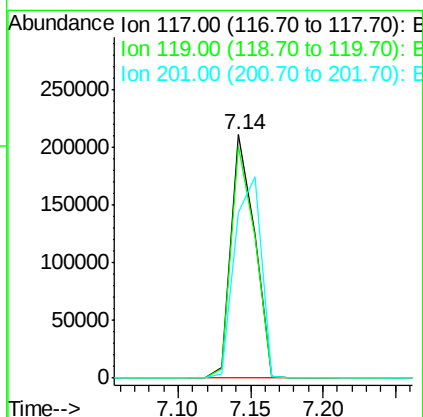
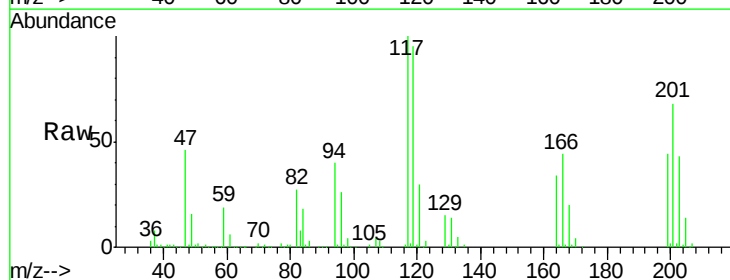
RT: 7.14 min Scan# 486

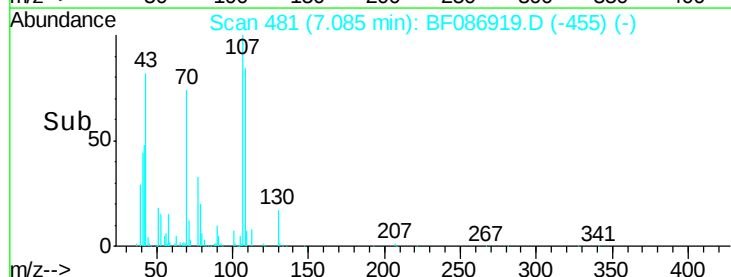
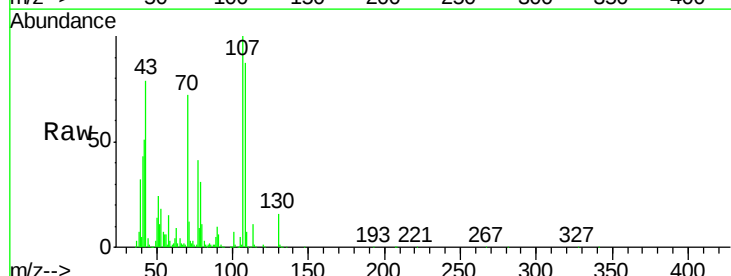
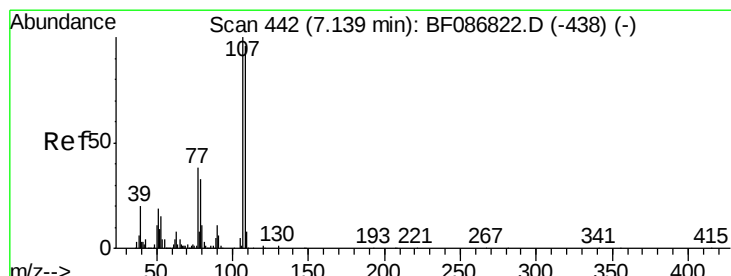
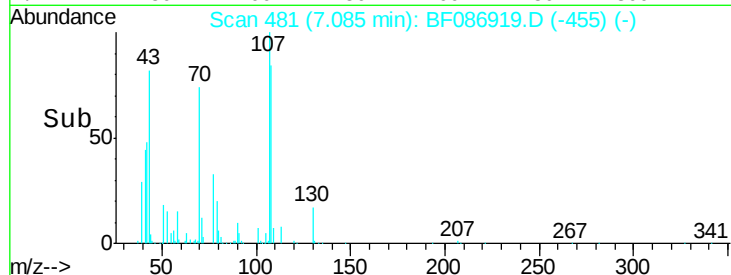
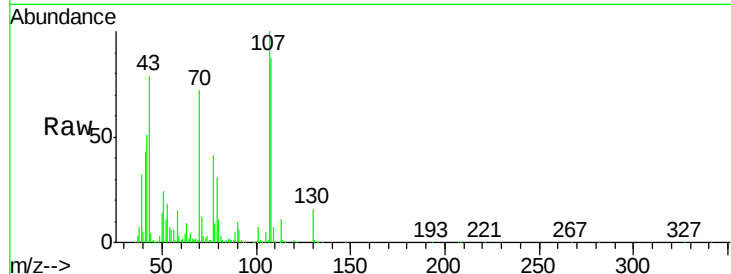
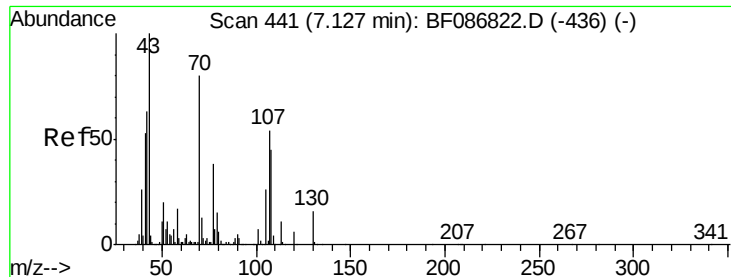
Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:	117	Resp:	238106
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.5	114.7
201	68.0	63.0	94.6





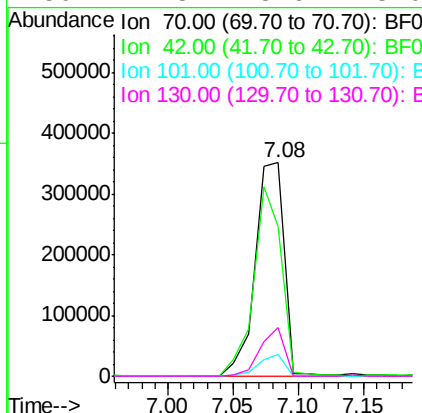
#19
n-Nitroso-di-n-propylamine
Concen: 37.79 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	70.2	43.1	64.7#
101	10.0	8.1	12.1
130	22.8	18.6	28.0

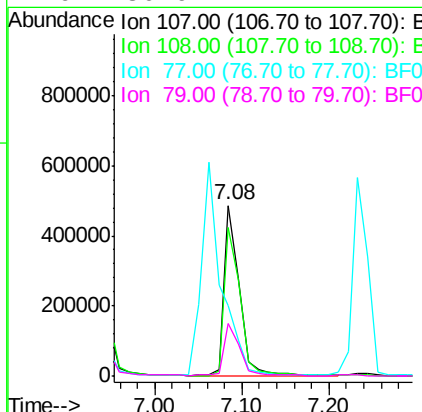
Manual Integrations
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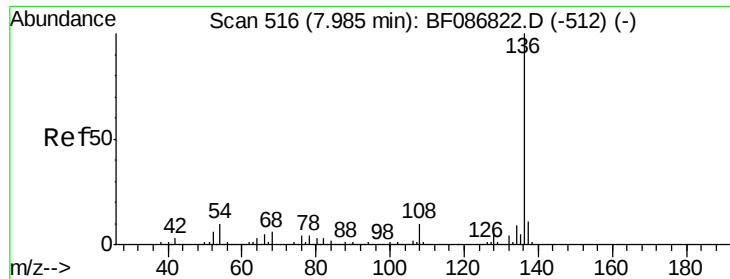
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#20
3+4-Methylphenols
Concen: 30.50 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.5	108.5
77	41.2	101.6	141.6#
79	30.9	7.4	47.4





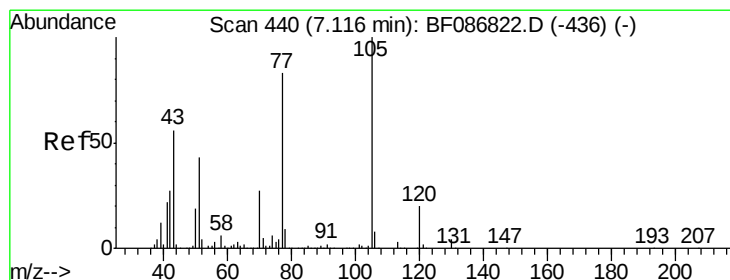
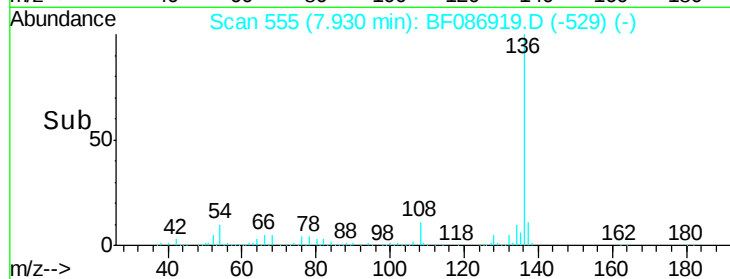
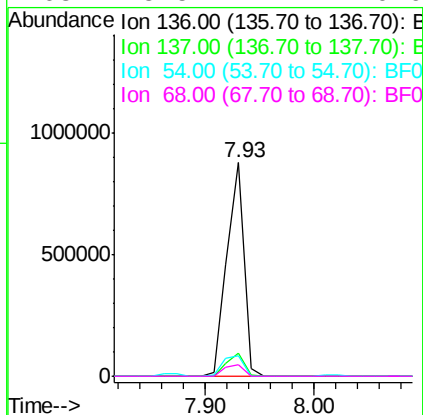
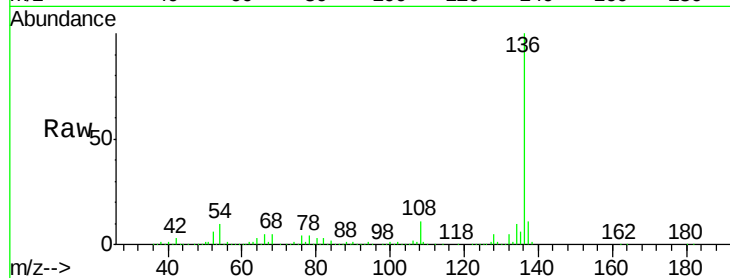
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.7	5.0	7.4#
68	5.5	4.4	6.6

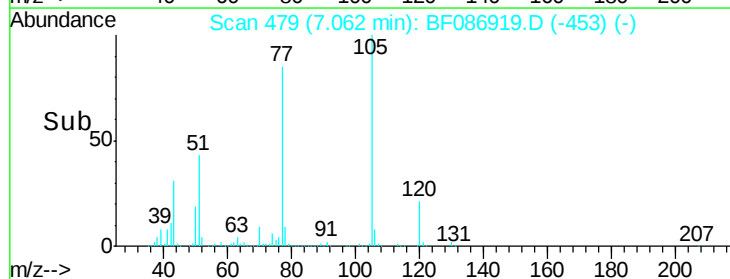
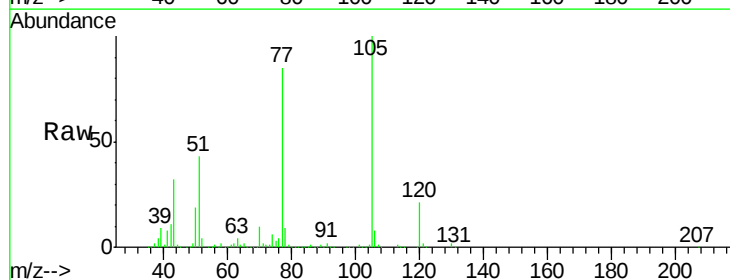
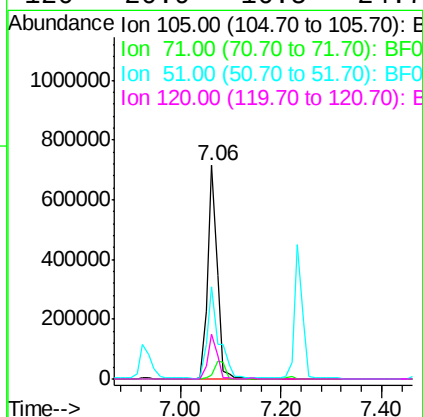
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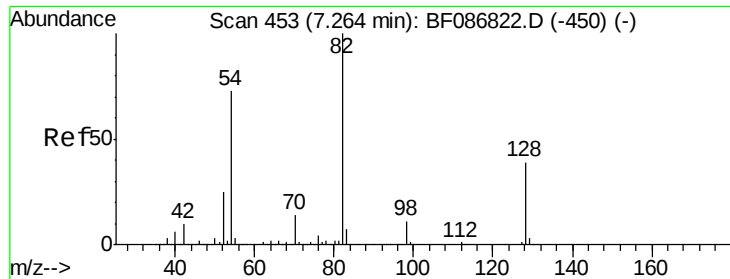
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#22
Acetophenone
Concen: 41.58 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.6	4.8	7.2#
51	43.2	32.6	49.0
120	20.9	16.5	24.7





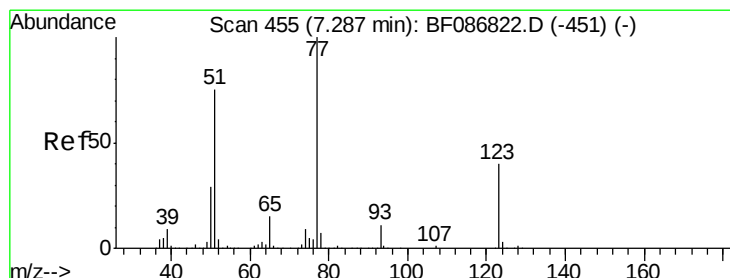
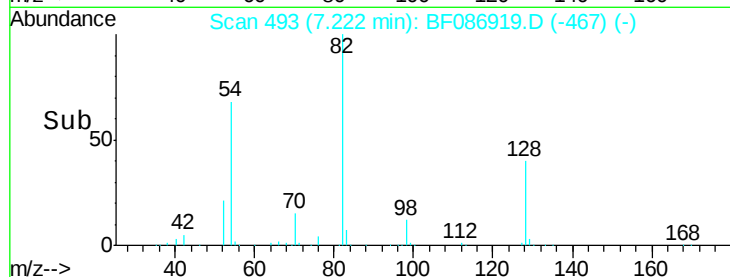
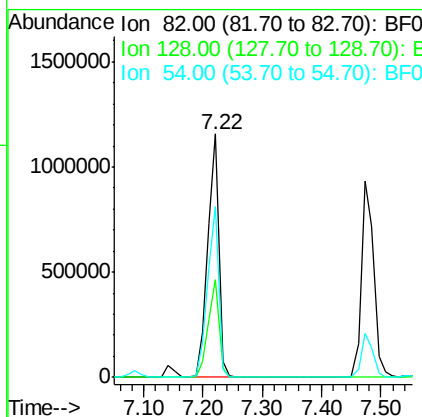
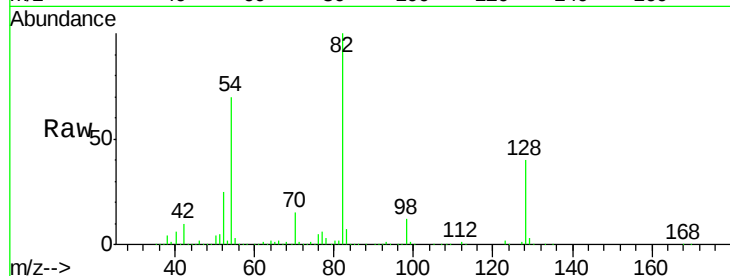
#23
Nitrobenzene-d5
Concen: 79.67 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1514460
Ion Ratio Lower Upper
82 100
128 40.4 40.6 61.0#
54 69.9 38.1 57.1#

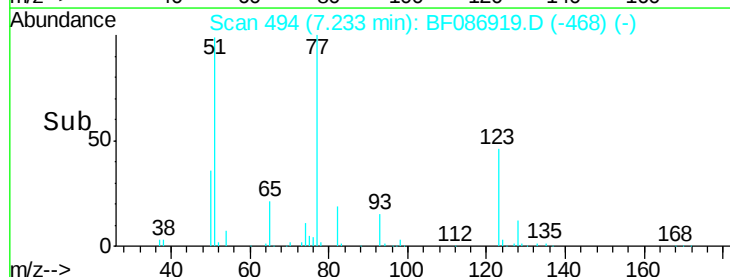
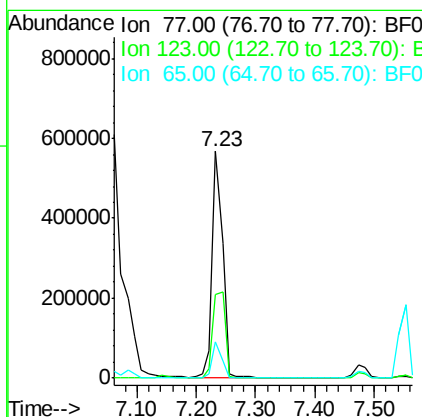
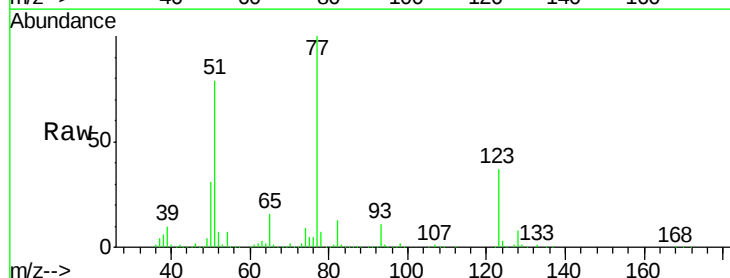
Manual Integrations
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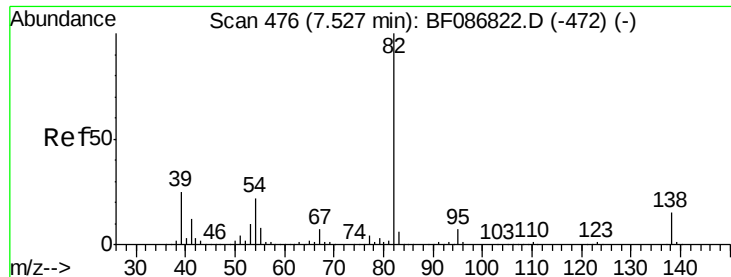
sohil
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#24
Nitrobenzene
Concen: 35.55 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion: 77 Resp: 695171
Ion Ratio Lower Upper
77 100
123 36.8 33.0 49.4
65 15.9 10.8 16.2





#25

Isophorone

Concen: 37.82 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1334019

Ion Ratio Lower Upper

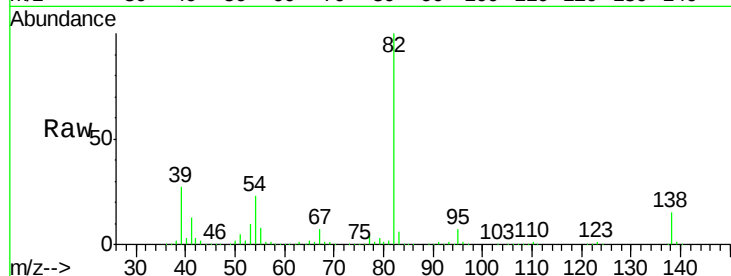
82 100

95 7.1 5.1 7.7

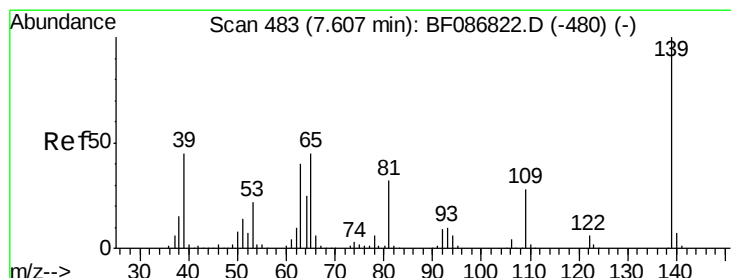
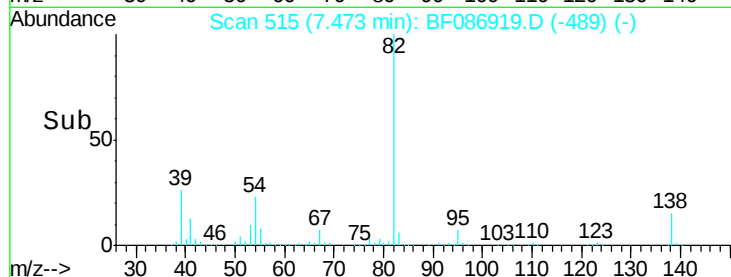
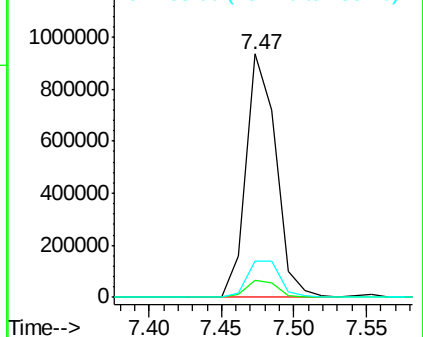
138 14.8 12.4 18.6

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



#26

2-Nitrophenol

Concen: 40.17 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

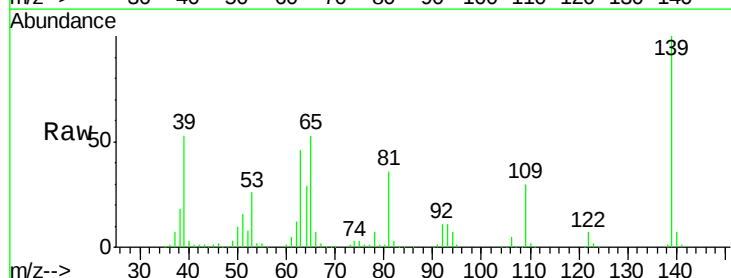
Tgt Ion: 139 Resp: 345299

Ion Ratio Lower Upper

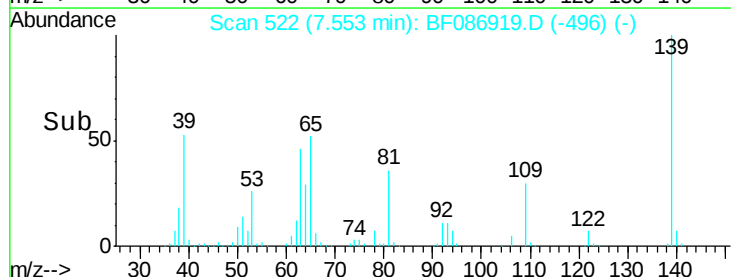
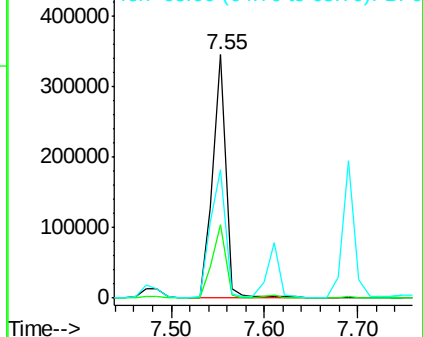
139 100

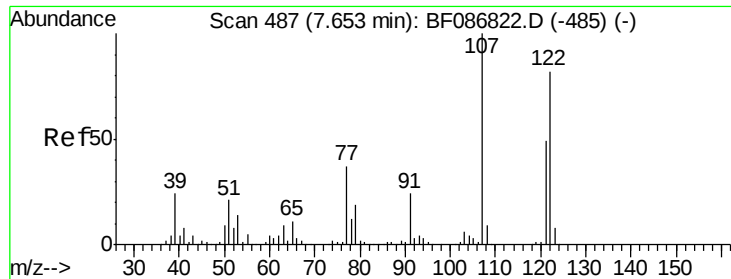
109 30.4 19.5 29.3#

65 53.0 37.5 56.3



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





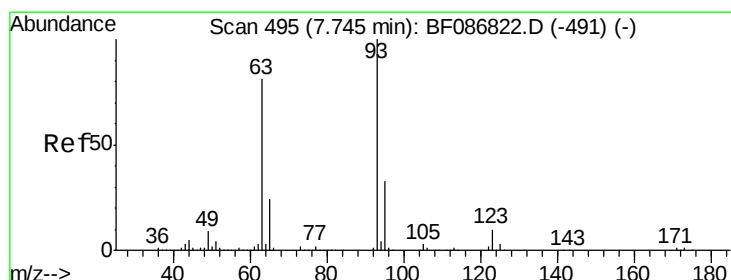
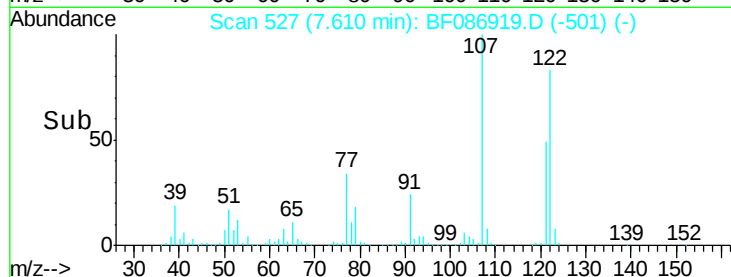
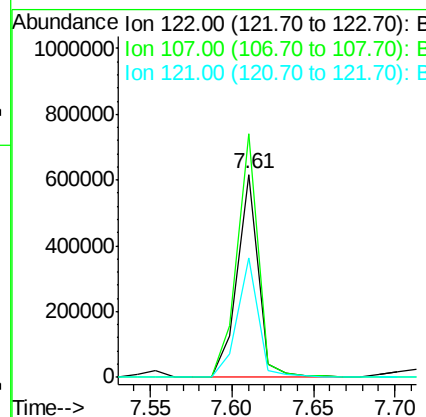
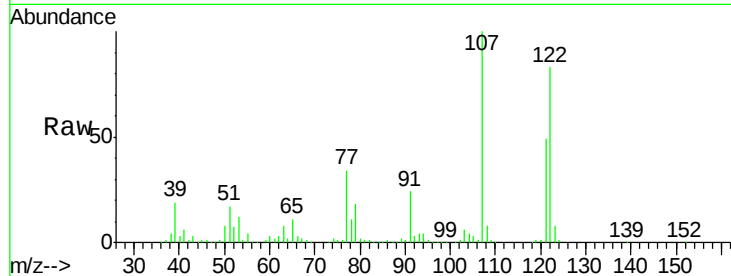
#27
 2,4-Dimethylphenol
 Concen: 37.56 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	549985		
107	120.1	82.0	123.0	
121	58.9	46.1	69.1	

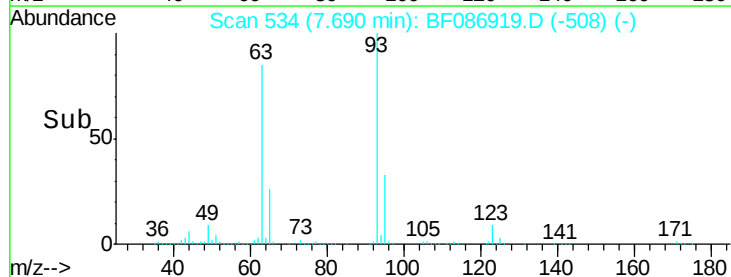
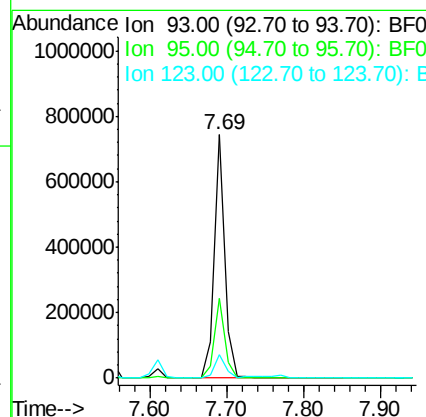
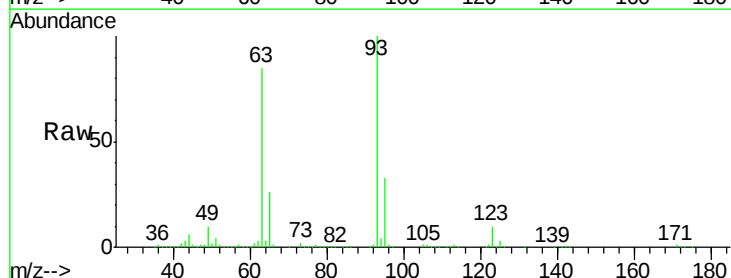
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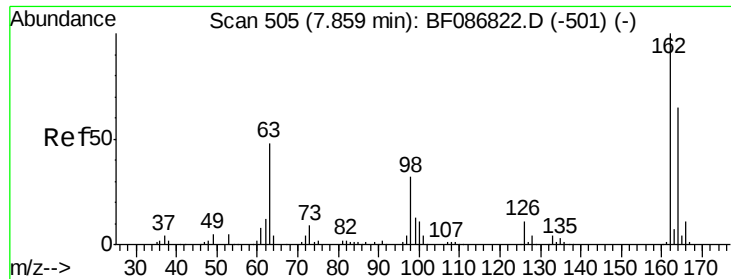
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.74 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	698917		
95	32.7	26.0	39.0	
123	9.6	9.5	14.3	





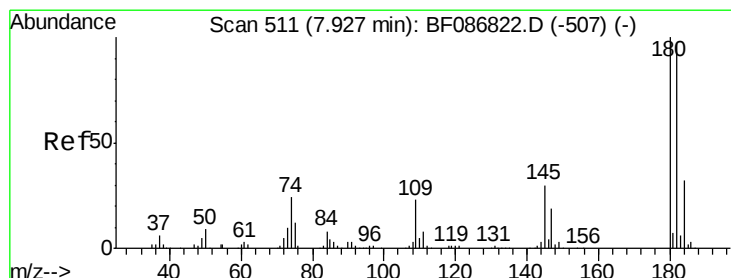
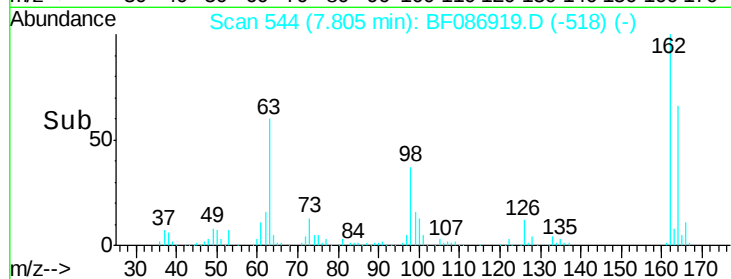
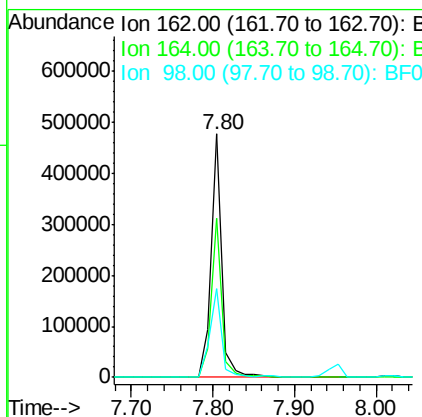
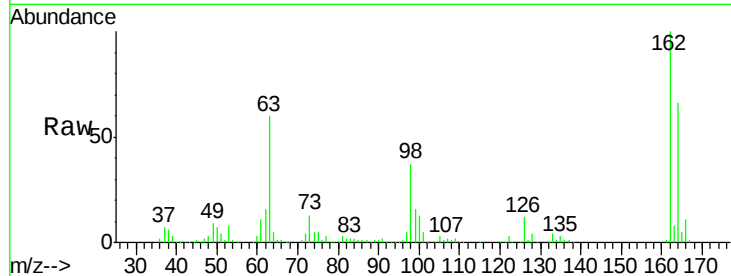
#29
 2,4-Dichlorophenol
 Concen: 34.93 ng
 RT: 7.80 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	450111		
164	65.6	42.2	82.2	
98	36.6	19.0	59.0	

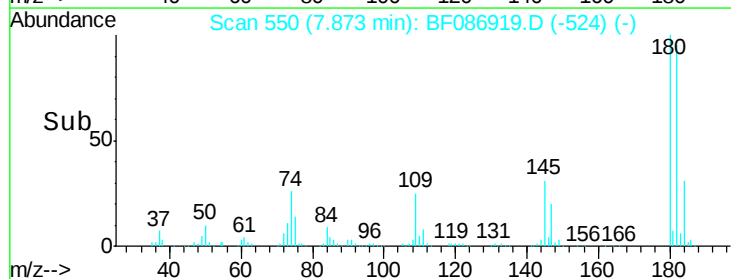
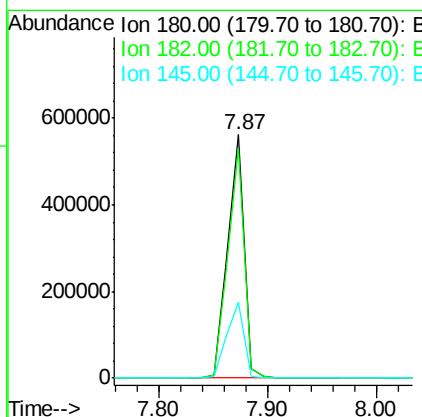
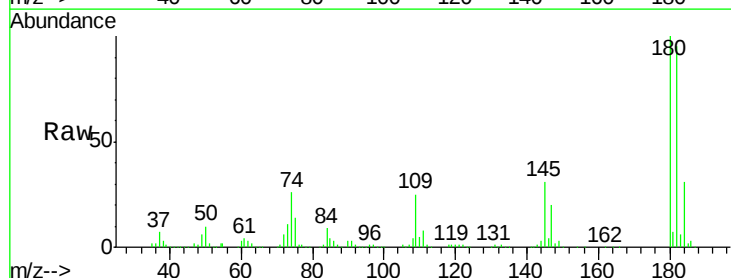
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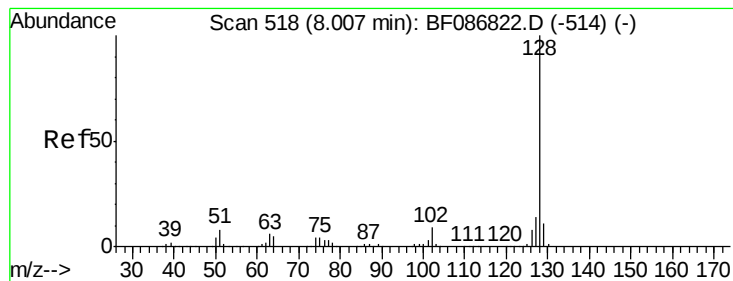
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.49 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	583492		
182	94.5	78.0	117.0	
145	31.0	24.2	36.2	





#31

Naphthalene

Concen: 37.98 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1815753

Ion Ratio Lower Upper

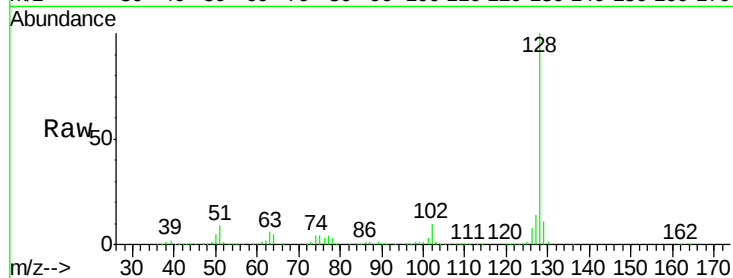
128 100

129 11.2 8.6 13.0

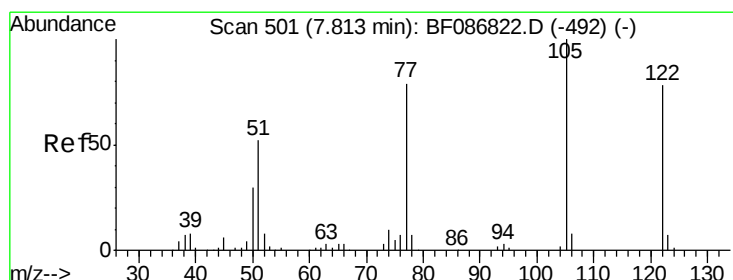
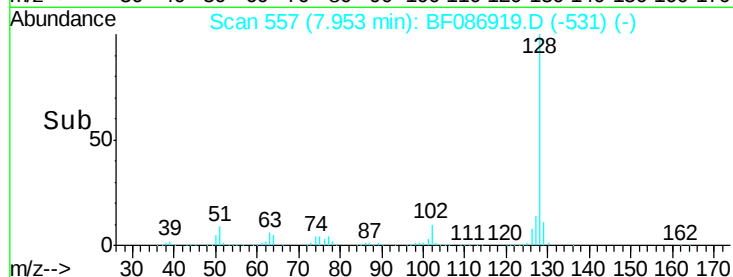
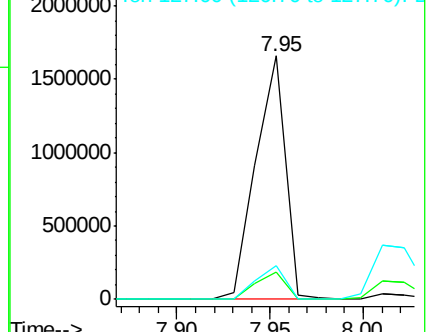
127 13.9 10.8 16.2

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



#32

Benzoic acid

Concen: 28.36 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

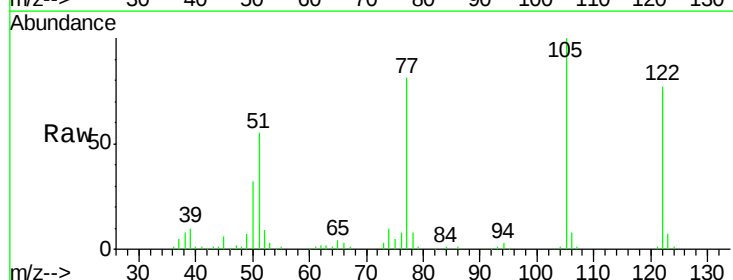
Tgt Ion:122 Resp: 243898

Ion Ratio Lower Upper

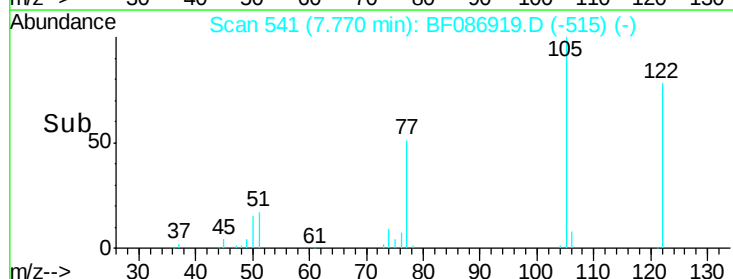
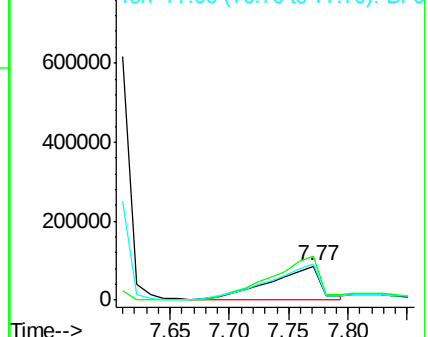
122 100

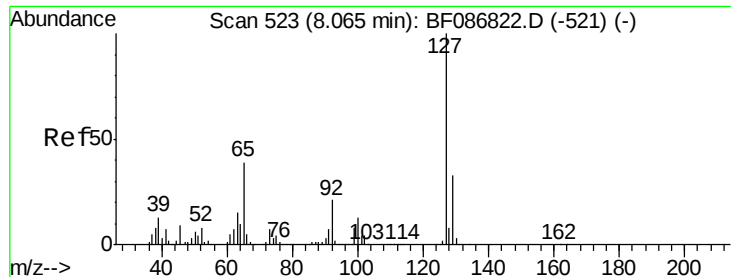
105 130.3 92.6 132.6

77 105.5 60.0 100.0#



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





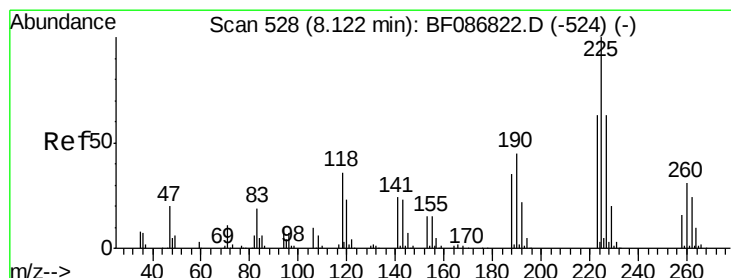
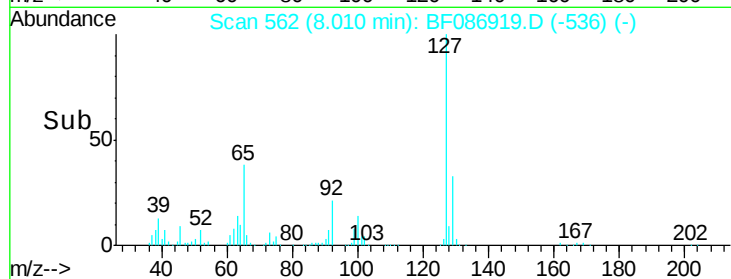
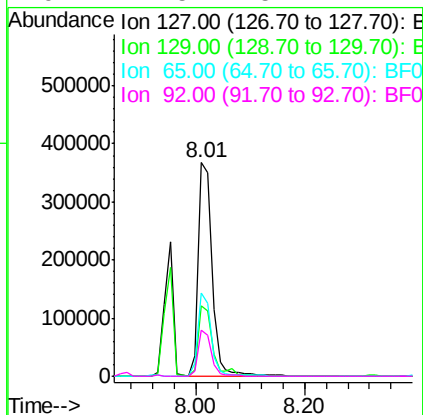
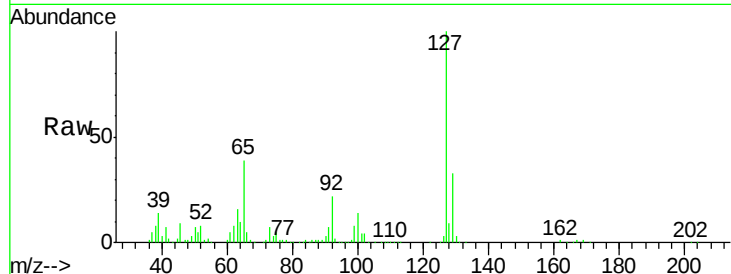
#33
4-Chloroaniline
Concen: 34.54 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.9	26.2	39.4
65	38.9	23.0	34.4
92	21.5	15.1	22.7

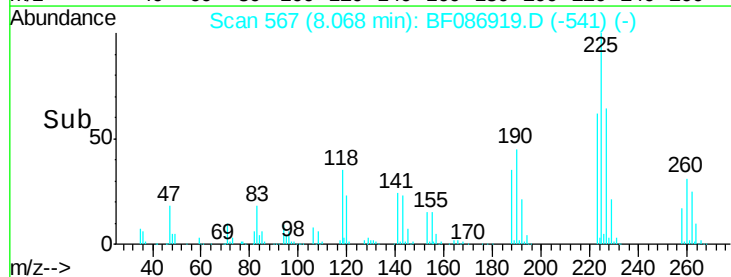
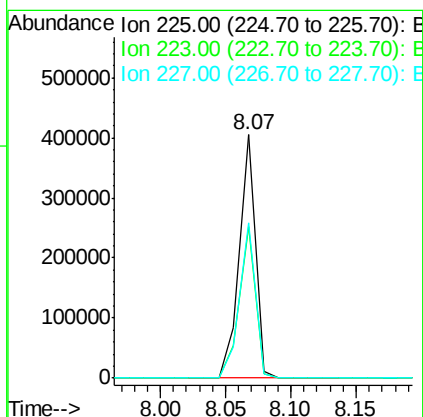
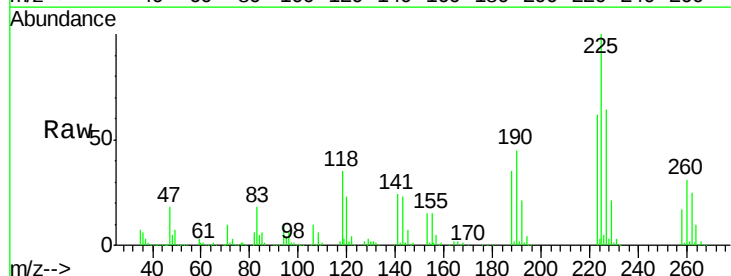
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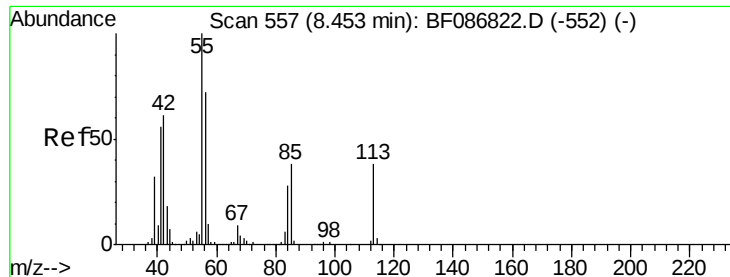
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#34
Hexachlorobutadiene
Concen: 41.31 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.4	51.5	77.3
227	64.0	52.2	78.2





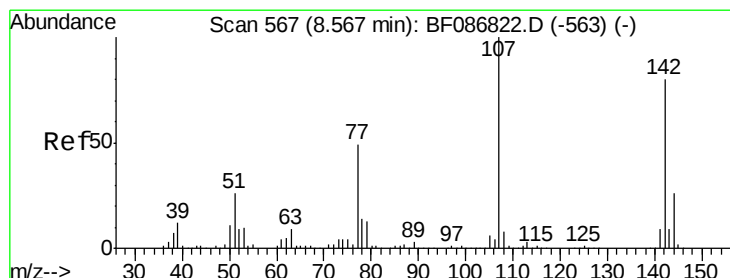
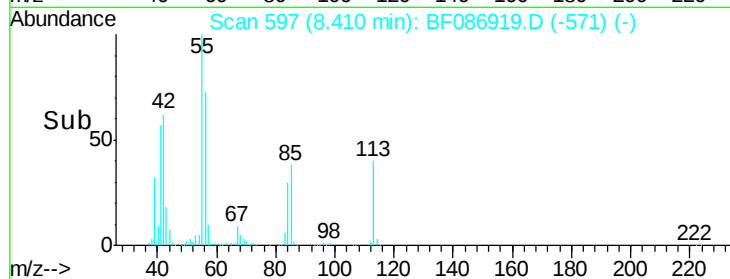
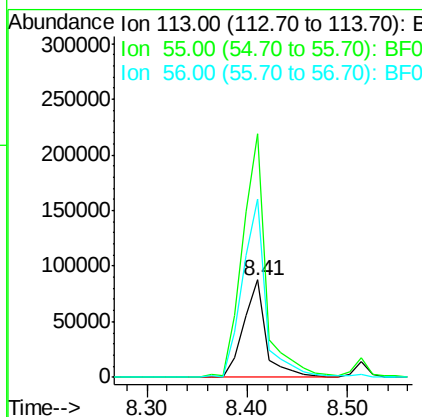
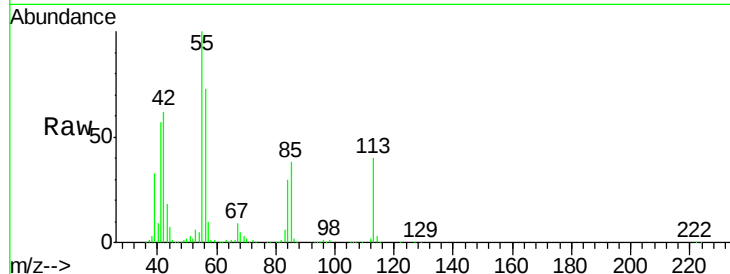
#35
 Caprolactam
 Concen: 31.14 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	249.7	162.0	202.0#	
56	183.0	115.3	155.3#	

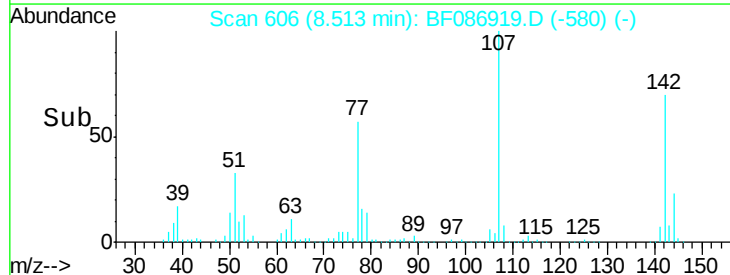
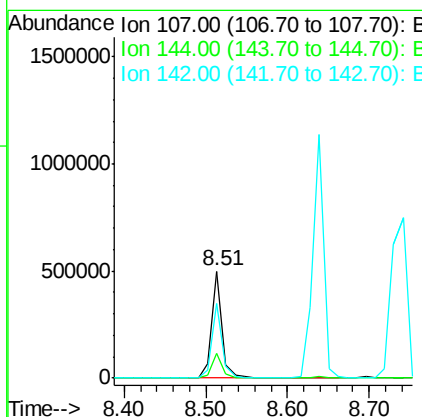
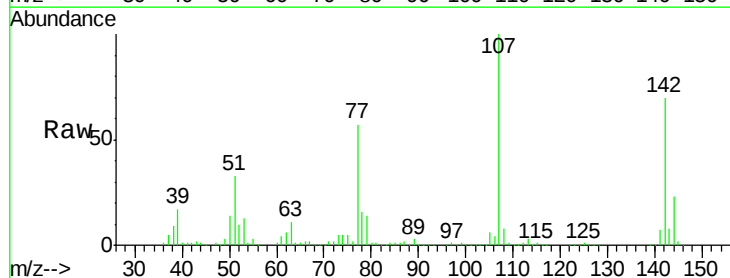
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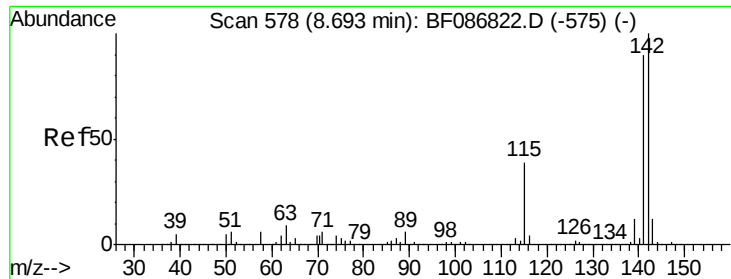
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#36
 4-Chloro-3-methylphenol
 Concen: 29.11 ng
 RT: 8.51 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.8	20.7	31.1	
142	69.9	63.2	94.8	





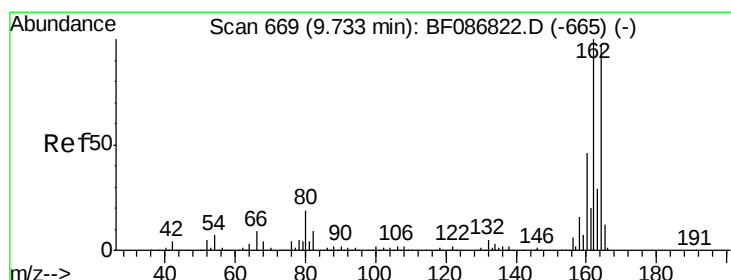
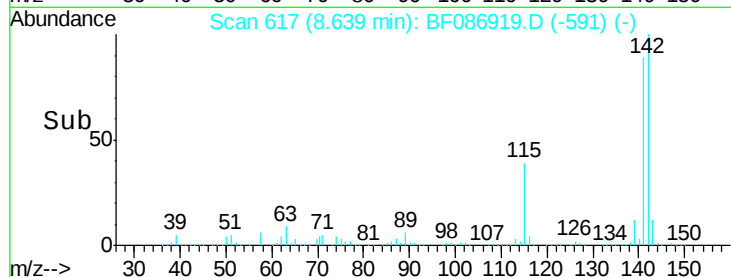
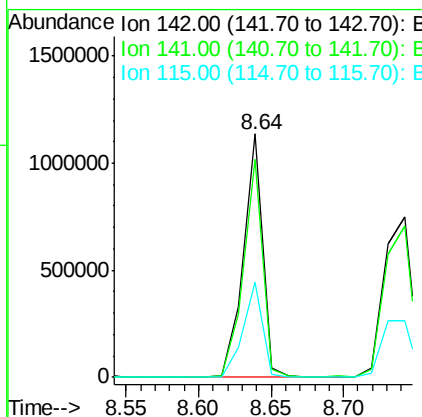
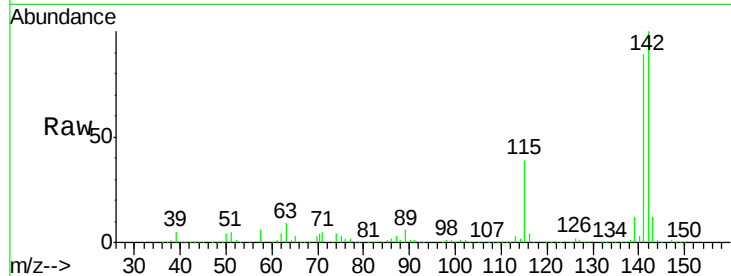
#37
2-Methylnaphthalene
Concen: 37.49 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	39.2	26.6	39.8

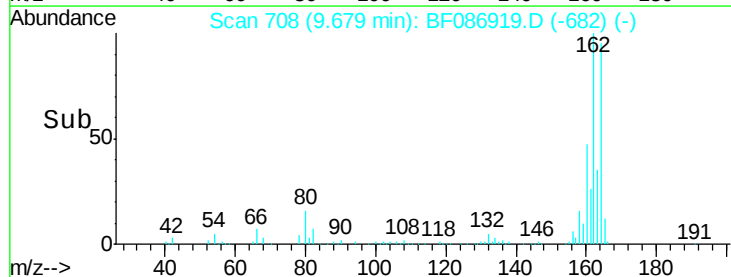
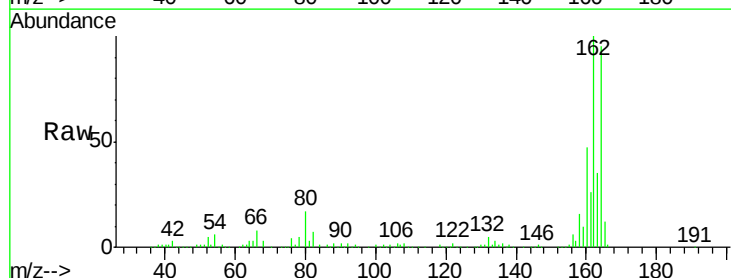
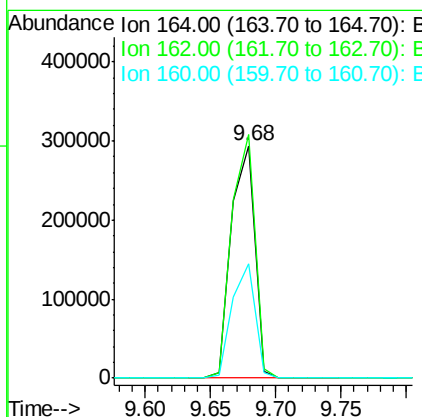
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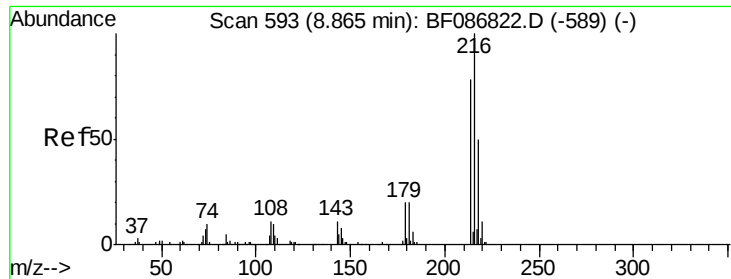
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.8	124.2
160	49.1	36.9	55.3





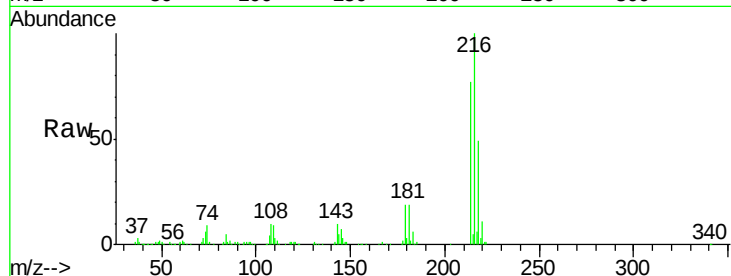
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.83 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

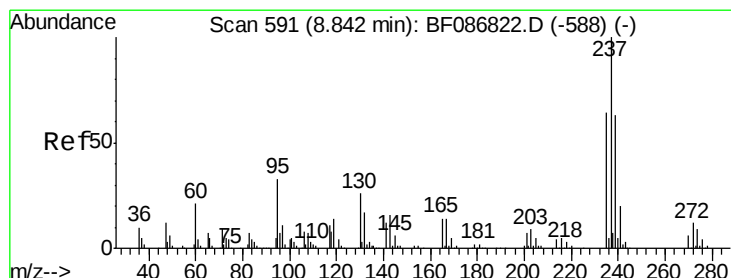
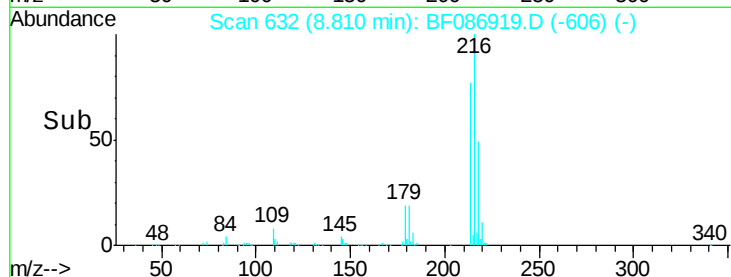
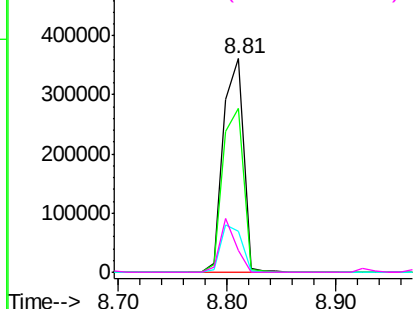
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	466426		
214	79.0	62.6	93.8	
179	23.1	18.2	27.4	
108	20.4	17.5	26.3	

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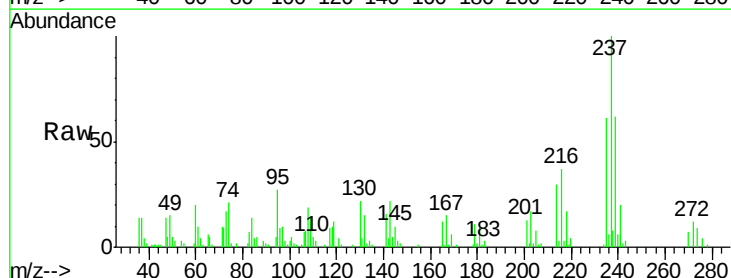


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

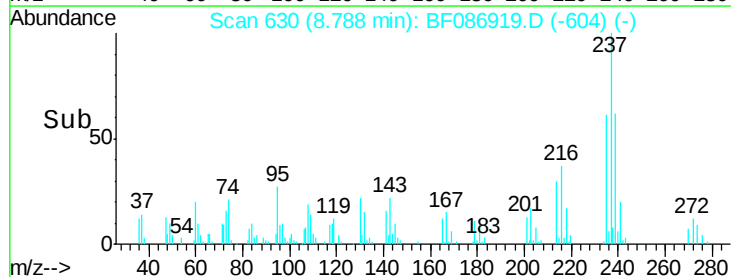
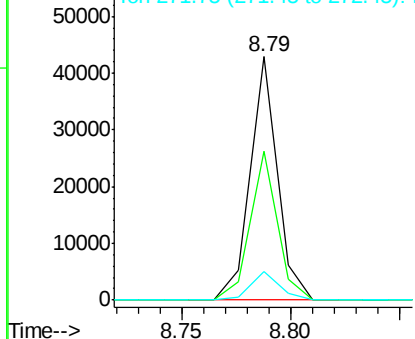


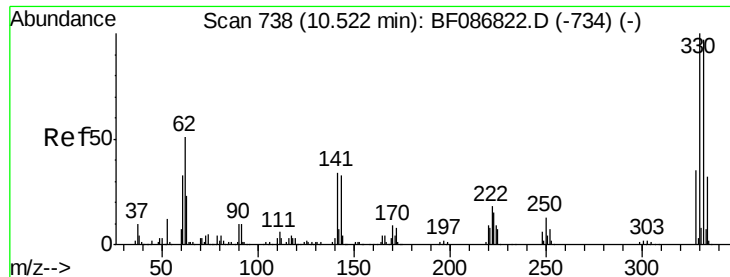
#40
 Hexachlorocyclopentadiene
 Concen: 7.38 ng
 RT: 8.79 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	37292		
235	61.1	47.2	87.2	
272	11.9	0.0	31.1	



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





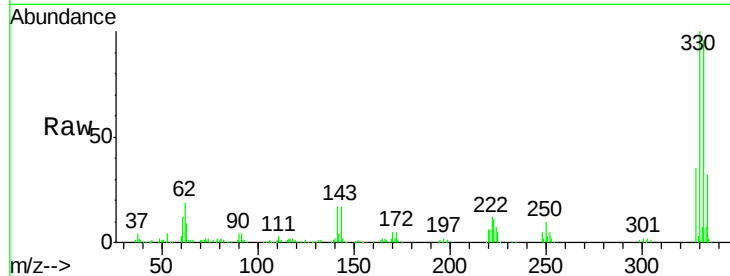
#41
 2,4,6-Tribromophenol
 Concen: 72.69 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

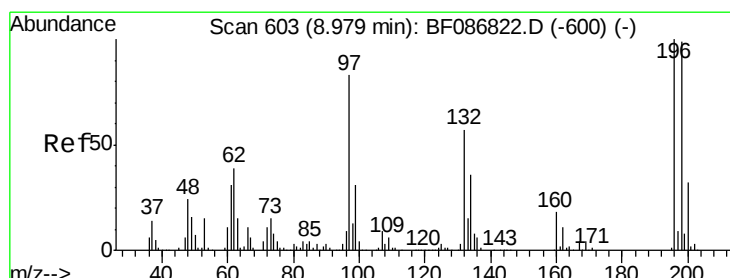
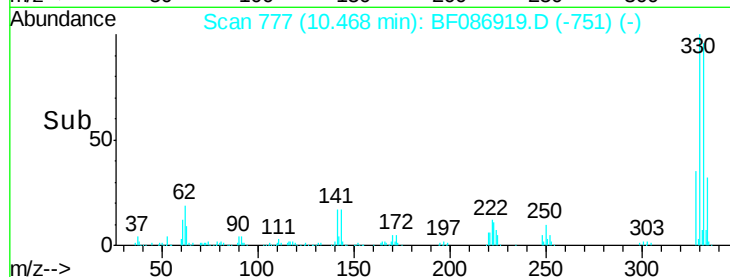
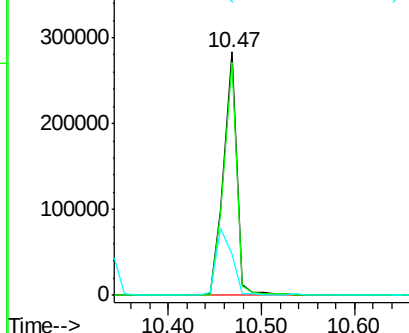
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	281673		
332	95.9	79.0	118.4	
141	33.0	31.2	46.8	

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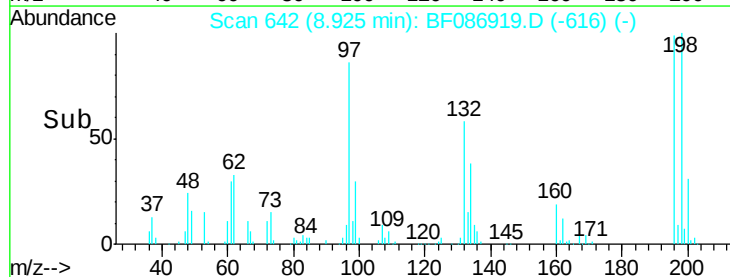
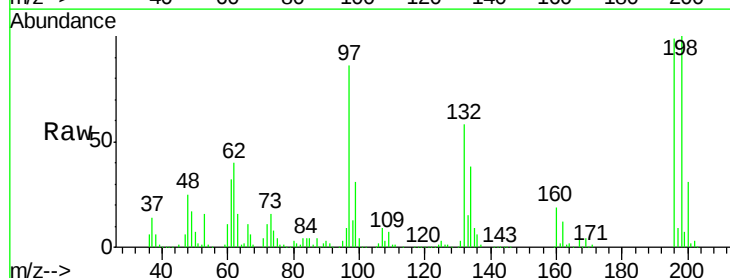
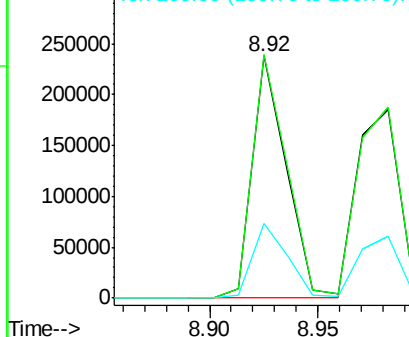
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.47 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259505		
198	100.6	74.7	112.1	
200	30.8	23.8	35.6	

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





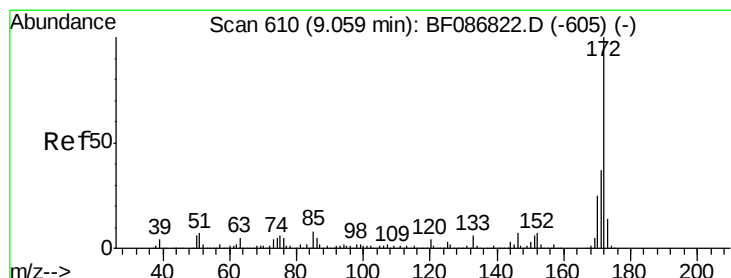
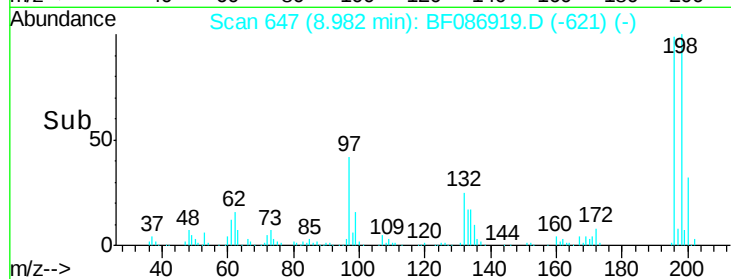
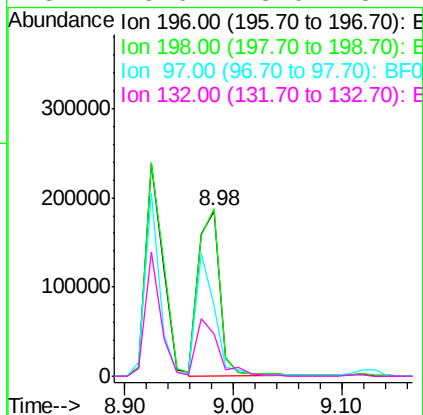
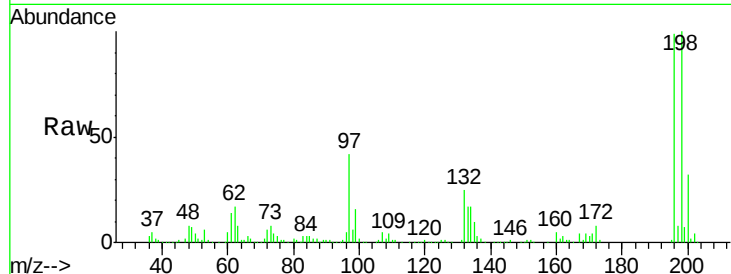
#43
 2,4,5-Trichlorophenol
 Concen: 35.34 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260073		
198	101.4	77.5	116.3	
97	42.8	34.8	52.2	
132	25.6	23.0	34.4	

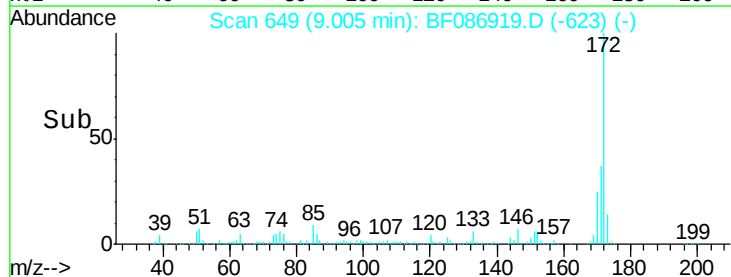
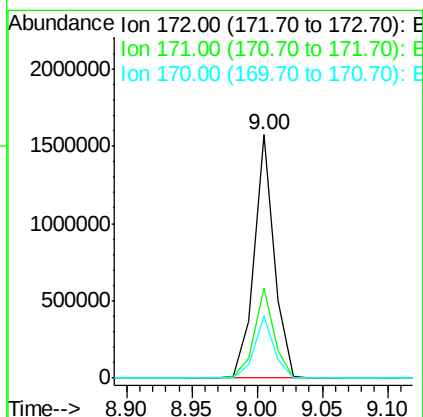
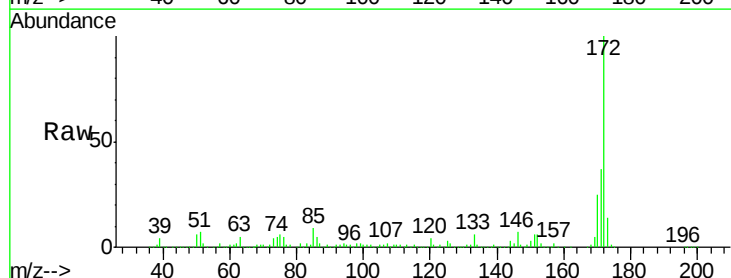
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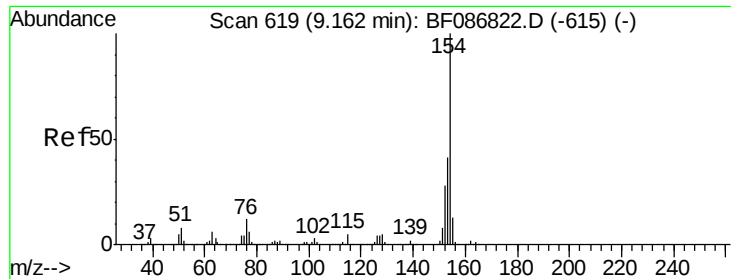
sohil
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#44
 2-Fluorobiphenyl
 Concen: 77.61 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1690131		
171	37.2	29.0	43.6	
170	25.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 44.09 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1283729

Ion Ratio Lower Upper

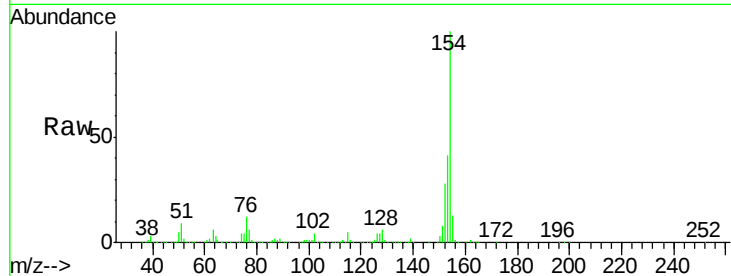
154 100

153 41.4 20.3 60.3

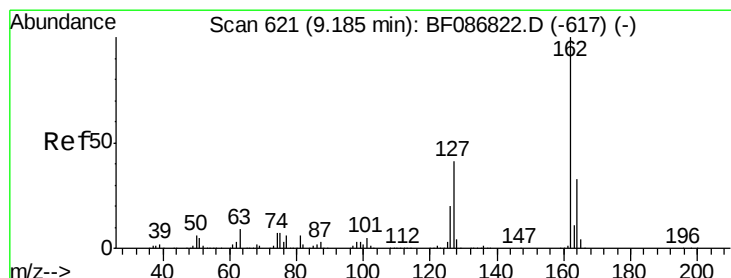
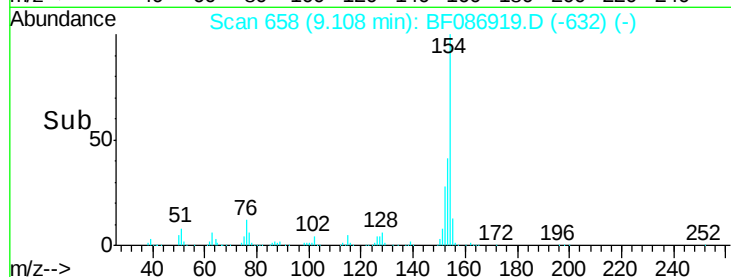
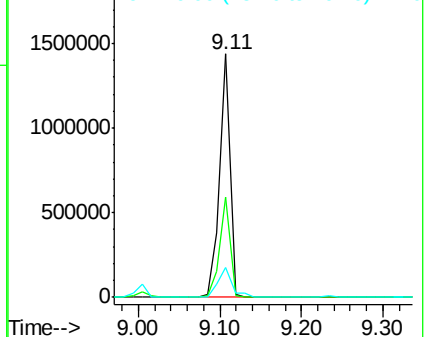
76 12.2 0.0 30.2

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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: 42.84 ng

RT: 9.13 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

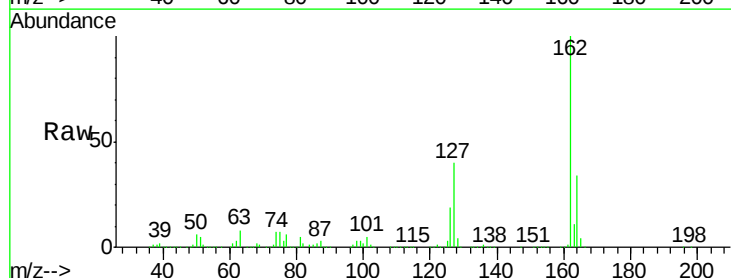
Tgt Ion:162 Resp: 977125

Ion Ratio Lower Upper

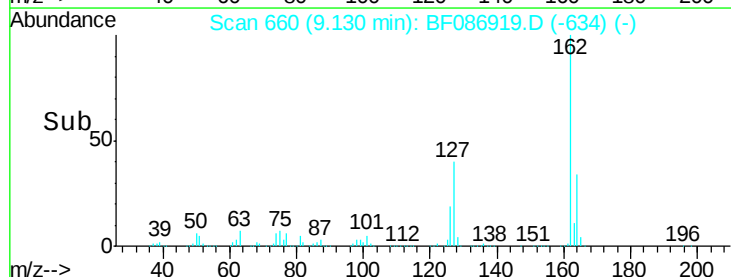
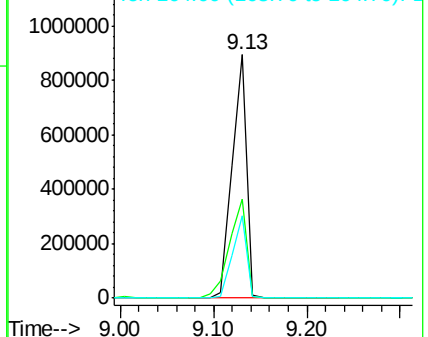
162 100

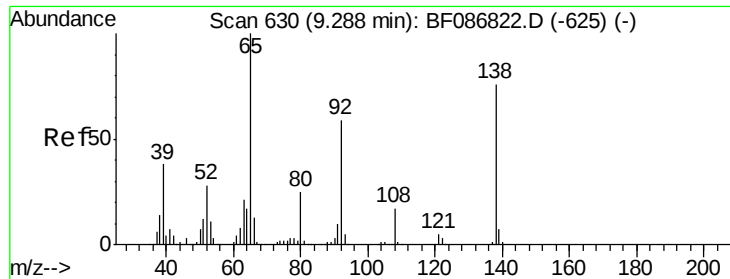
127 40.4 31.8 47.6

164 33.8 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.81 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 65 Resp: 298535
Ion Ratio Lower Upper

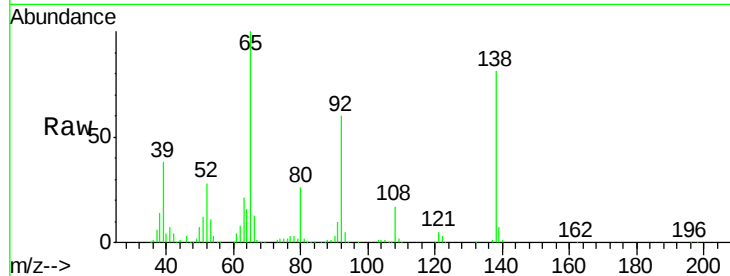
65 100

92 59.8 57.4 86.2

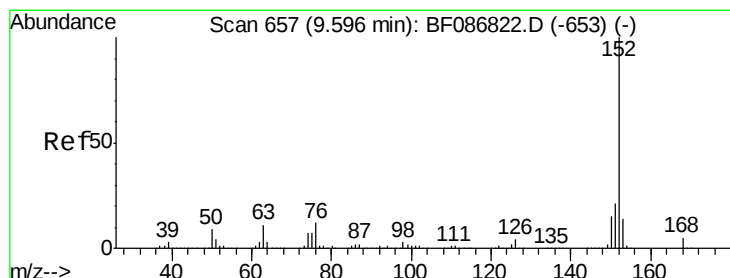
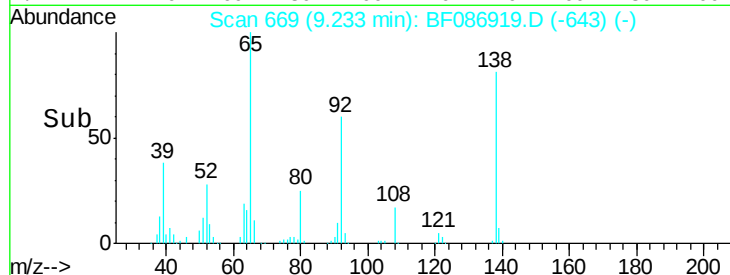
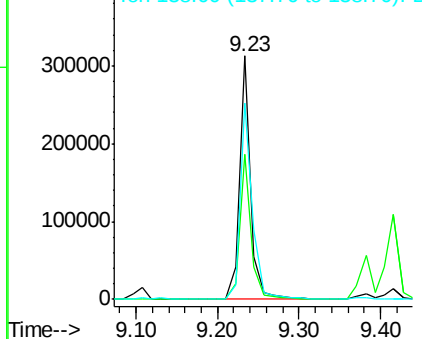
138 80.9 90.1 135.1#

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.25 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF086919.D

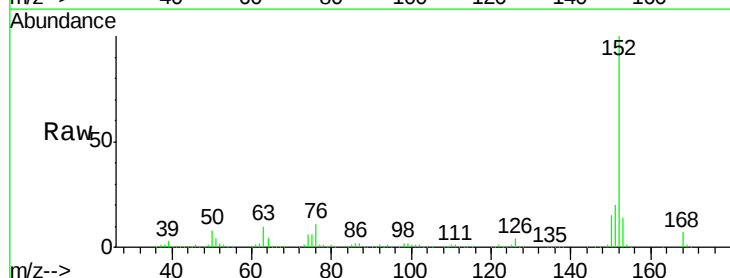
Acq: 12 May 2016 7:53

Tgt Ion: 152 Resp: 1350369
Ion Ratio Lower Upper

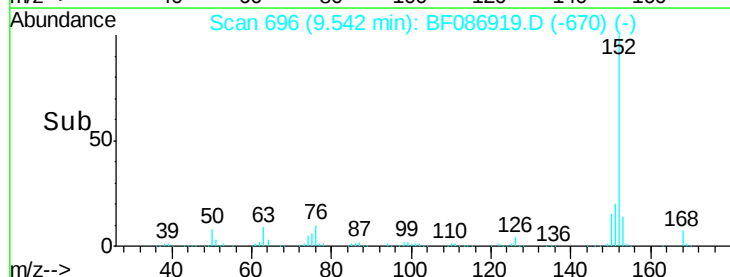
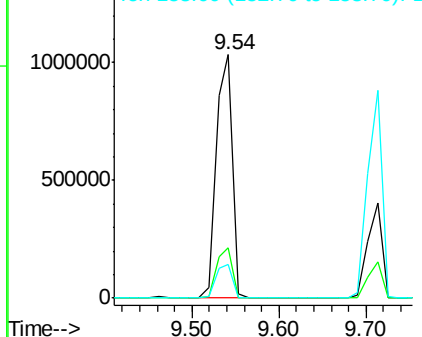
152 100

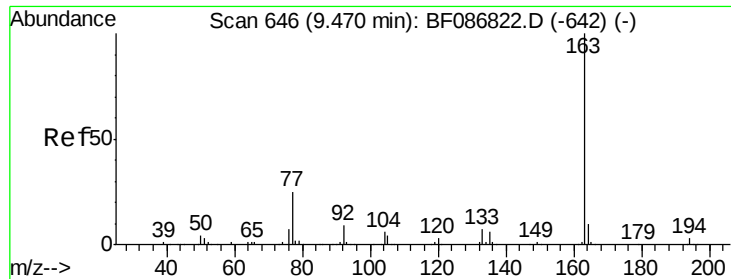
151 20.5 16.8 25.2

153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





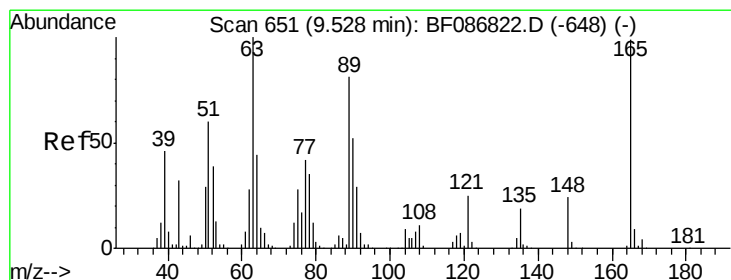
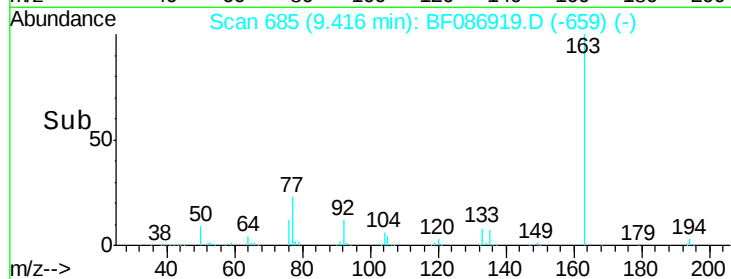
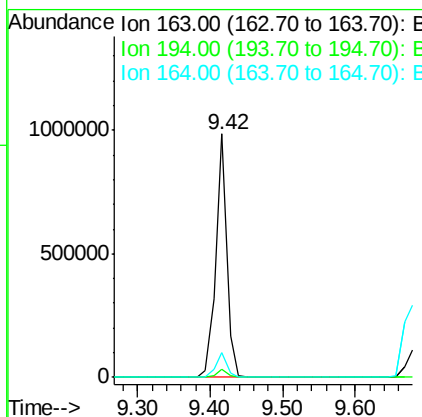
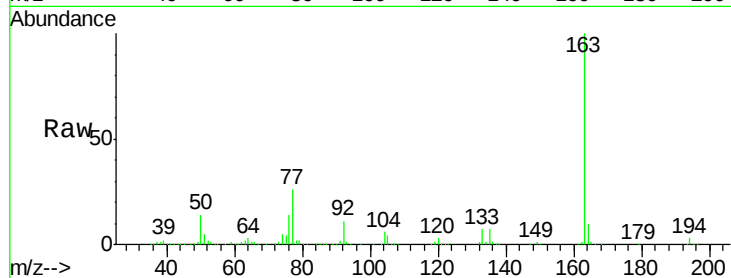
#49
Dimethylphthalate
Concen: 37.28 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1040903
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.2 12.4

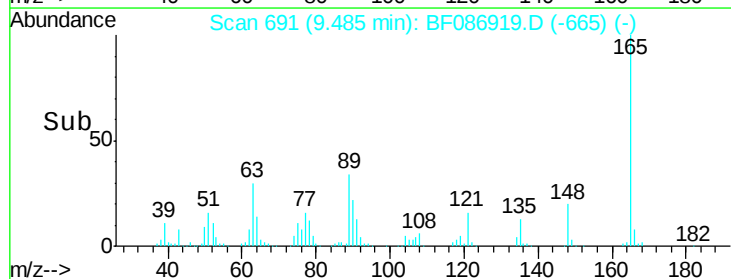
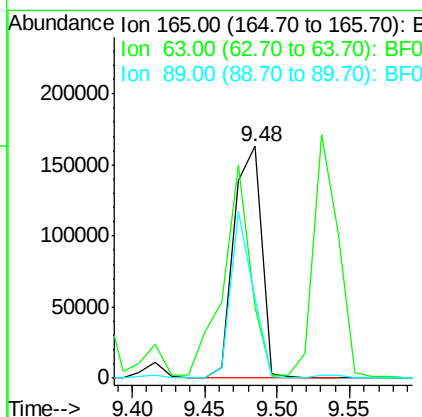
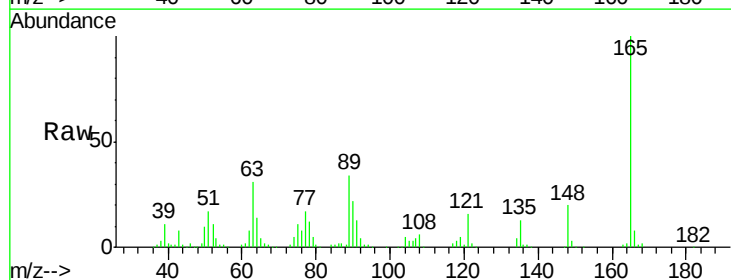
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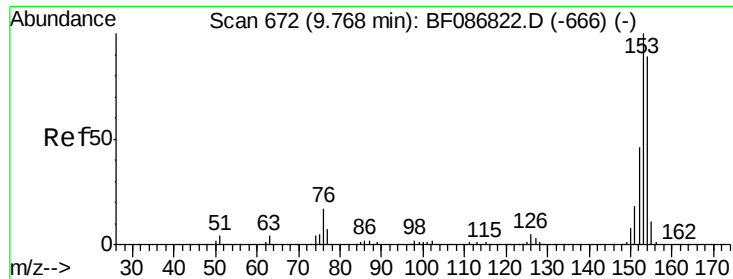
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#50
2,6-Dinitrotoluene
Concen: 36.68 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion:165 Resp: 215576
Ion Ratio Lower Upper
165 100
63 30.6 51.8 77.8#
89 34.3 50.7 76.1#





#51

Acenaphthene

Concen: 42.41 ng

RT: 9.71 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF086919.D

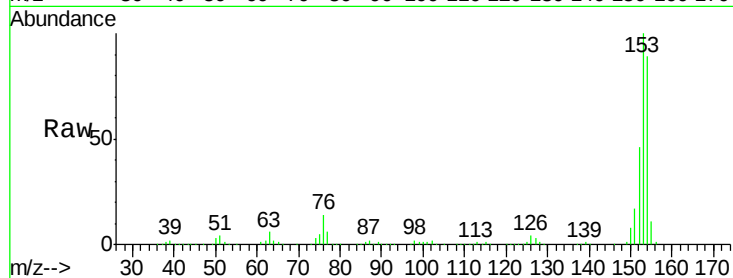
Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

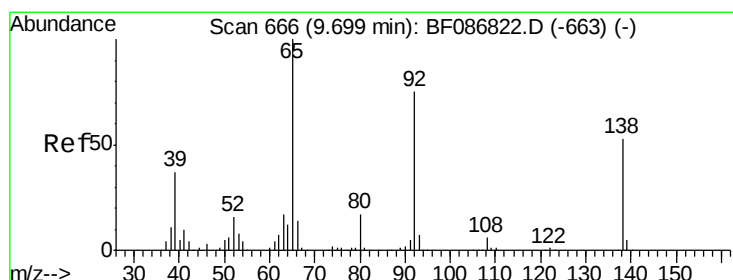
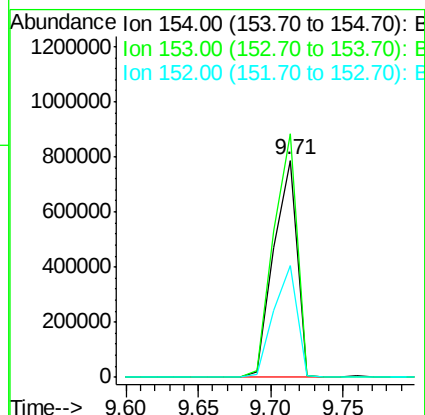
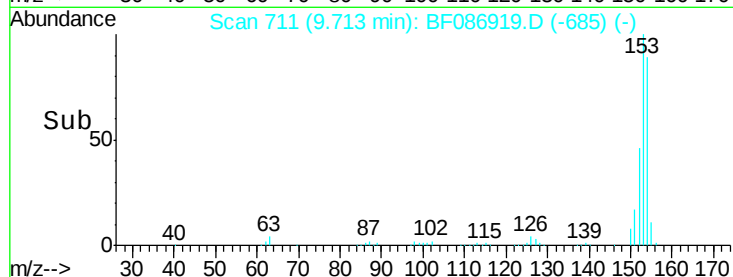
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.2	885081	89.8	134.6
152	51.6		43.4	65.0

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#52

3-Nitroaniline

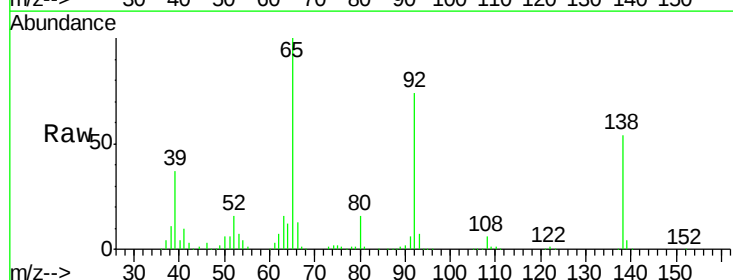
Concen: 34.90 ng

RT: 9.64 min Scan# 705

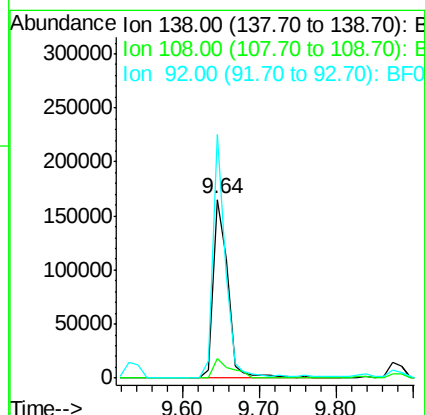
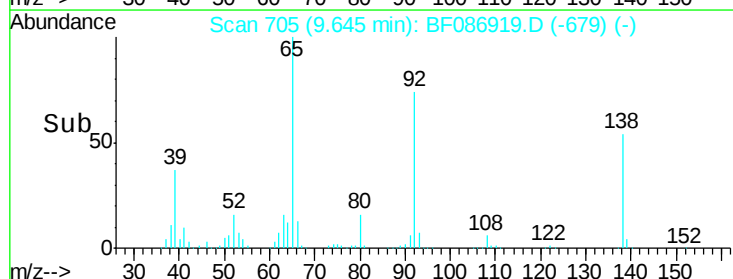
Delta R.T. 0.00 min

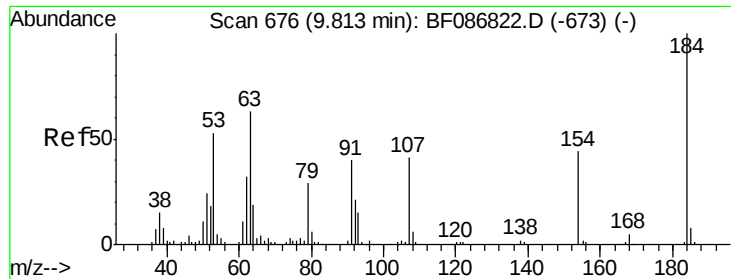
Lab File: BF086919.D

Acq: 12 May 2016 7:53



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.9	215924	7.8	11.6
92	136.4		87.8	131.8#





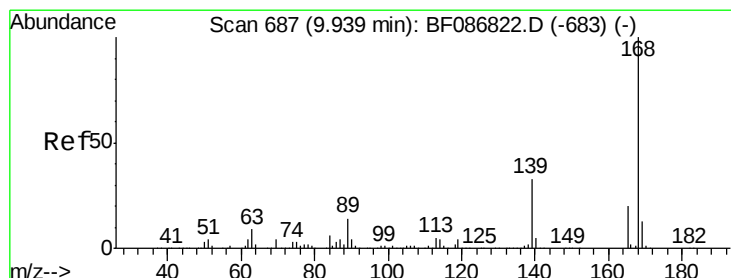
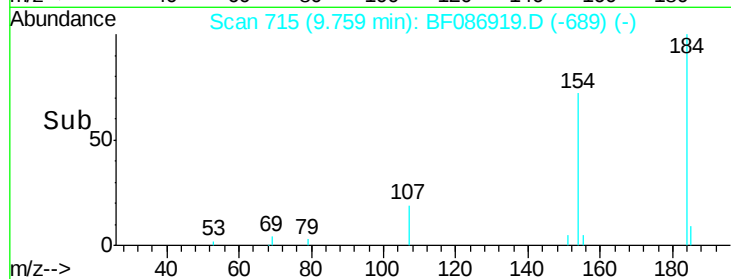
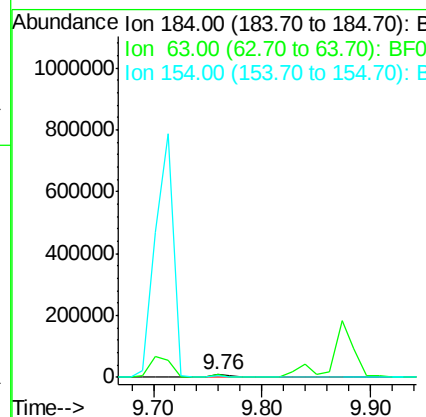
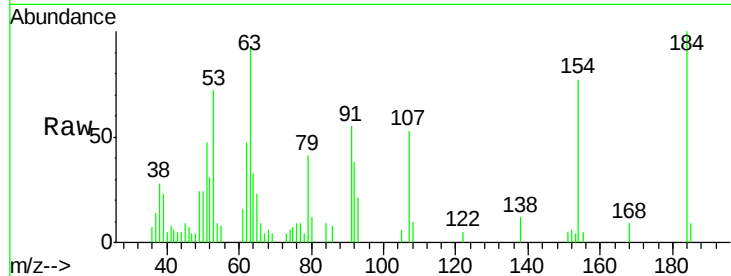
#53
2,4-Dinitrophenol
Concen: 11.68 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	13237		
63	93.2	55.8	83.8#	
154	77.1	62.4	93.6	

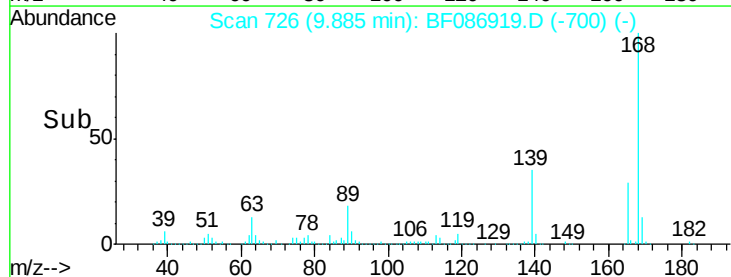
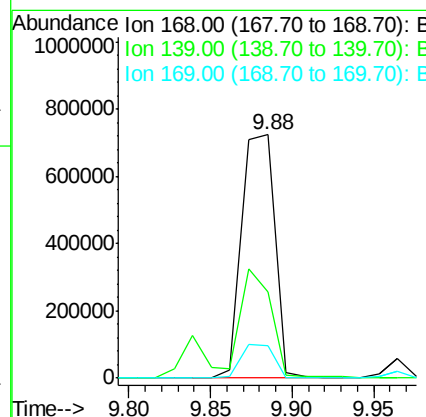
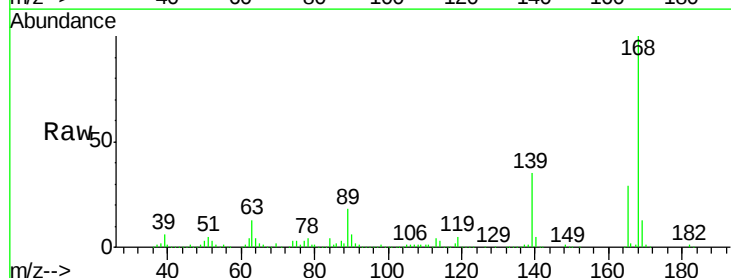
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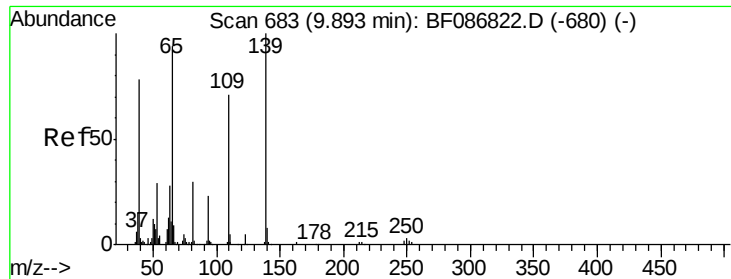
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#54
Dibenzofuran
Concen: 37.98 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1017578		
139	35.3	31.4	47.0	
169	13.1	10.7	16.1	





#55

4-Nitrophenol

Concen: 37.91 ng m

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

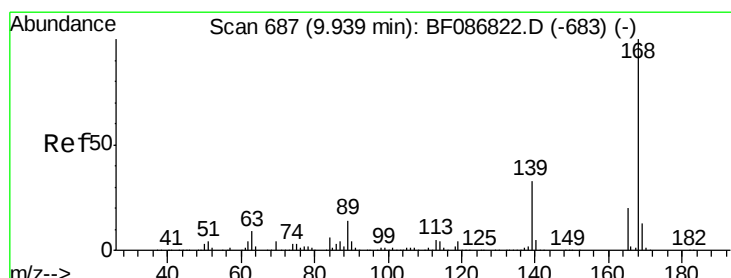
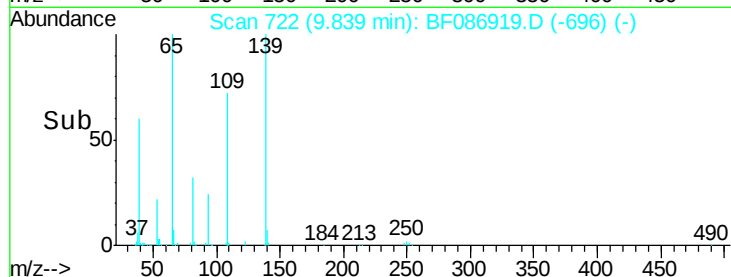
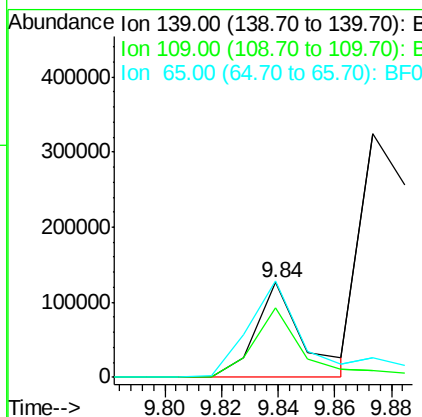
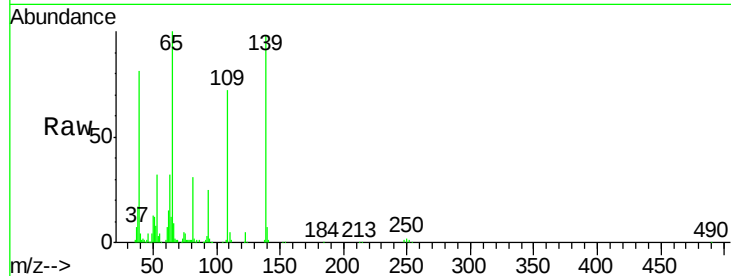
ClientSampleId :

SSTDCCC040

Tgt Ion:	139	Resp:	145883
Ion Ratio	Lower	Upper	
139	100		
109	73.9	36.9	76.9
65	102.5	64.0	104.0

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#56

2,4-Dinitrotoluene

Concen: 35.49 ng

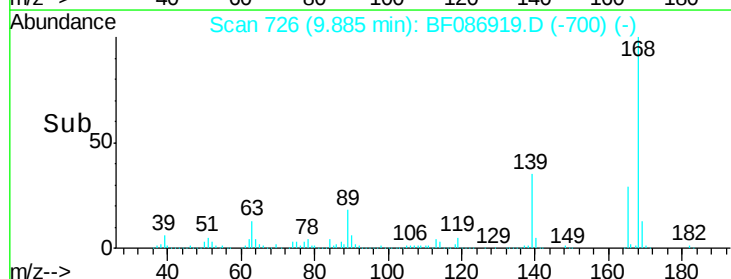
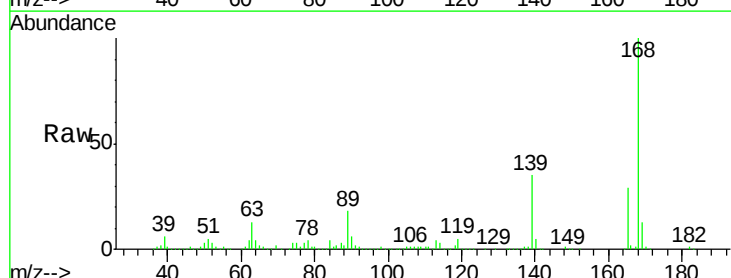
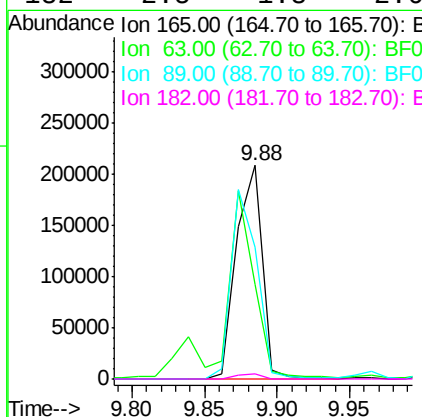
RT: 9.88 min Scan# 726

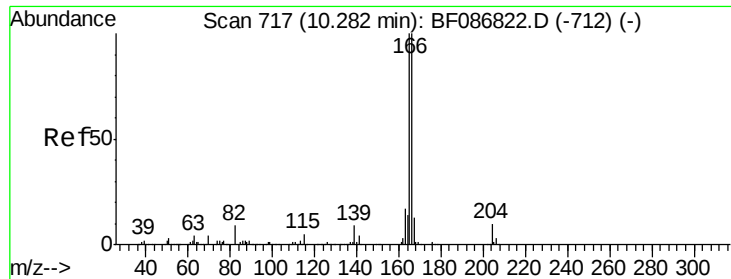
Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:	165	Resp:	258114
Ion Ratio	Lower	Upper	
165	100		
63	44.3	44.3	66.5#
89	61.5	70.0	105.0#
182	2.5	1.8	2.6





#57

Fluorene

Concen: 33.60 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

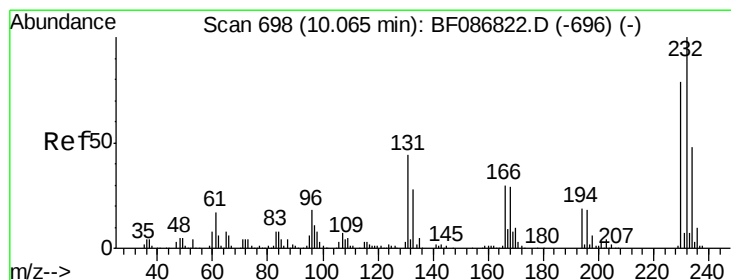
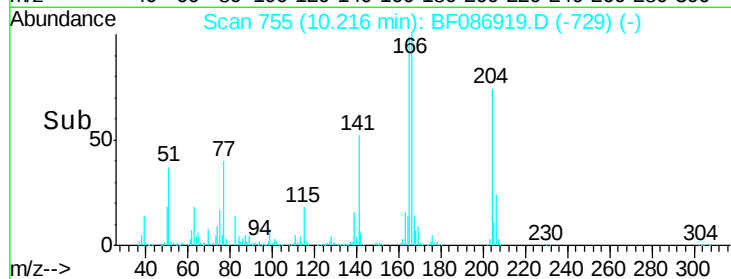
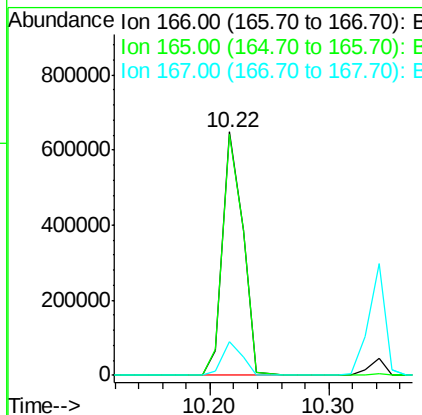
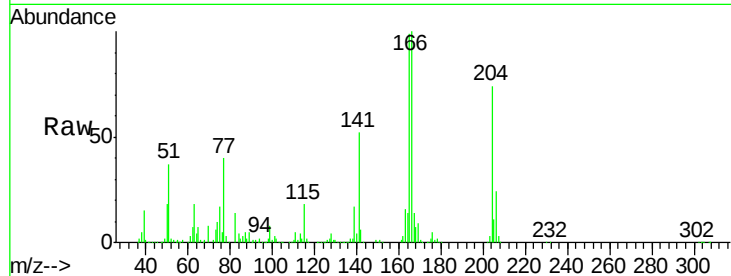
ClientSampleId :

SSTDCCC040

Tgt	Ion:166	Resp:	767710
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.6
167	13.9	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.05 ng

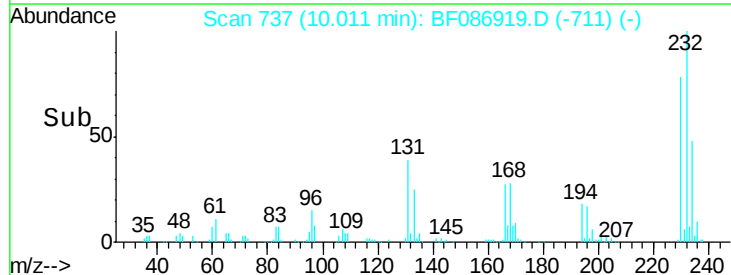
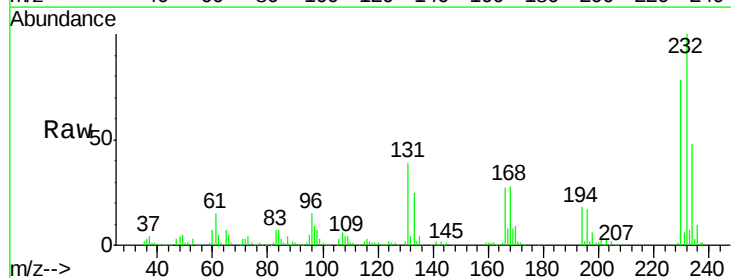
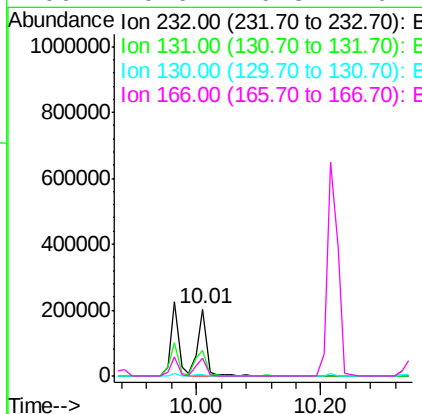
RT: 10.01 min Scan# 737

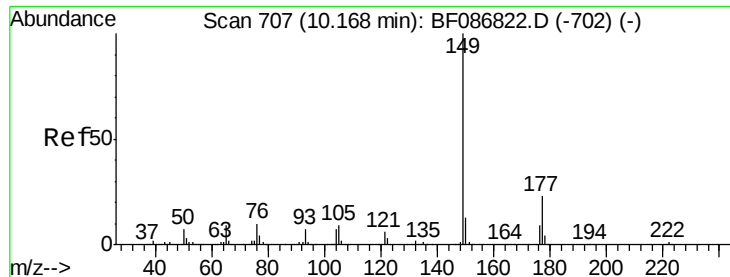
Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt	Ion:232	Resp:	205290
Ion	Ratio	Lower	Upper
232	100		
131	48.3	41.9	62.9
130	2.4	2.2	3.4
166	29.6	26.8	40.2





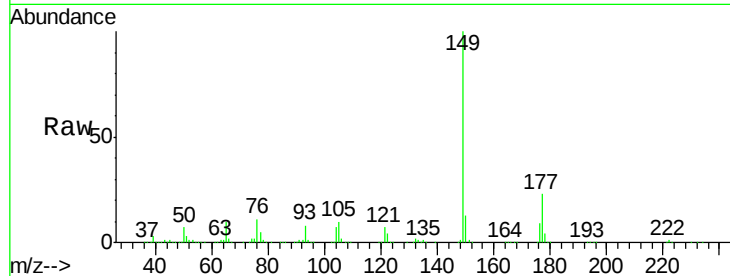
#59
Diethylphthalate
Concen: 39.10 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

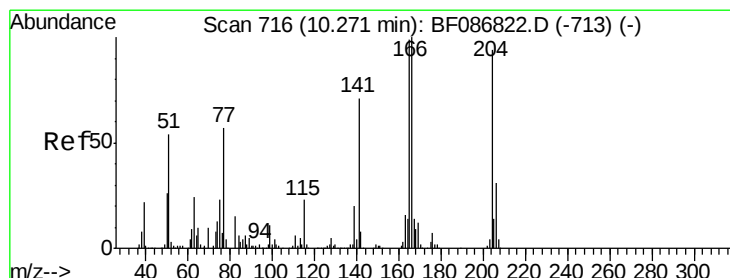
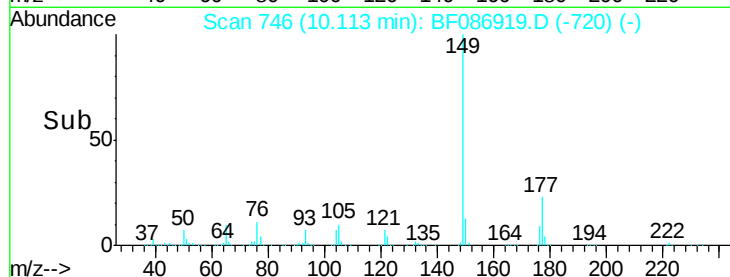
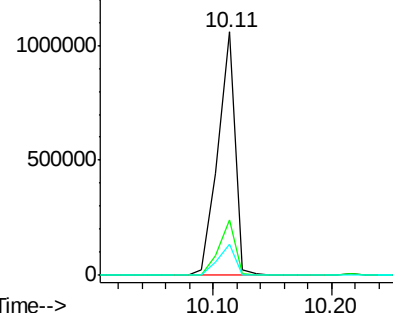
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.6	24.8
150	12.9	10.0	15.0

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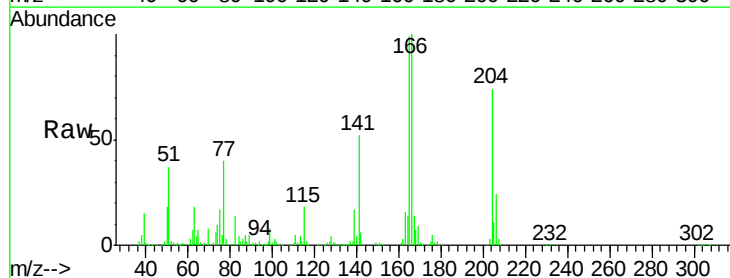


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

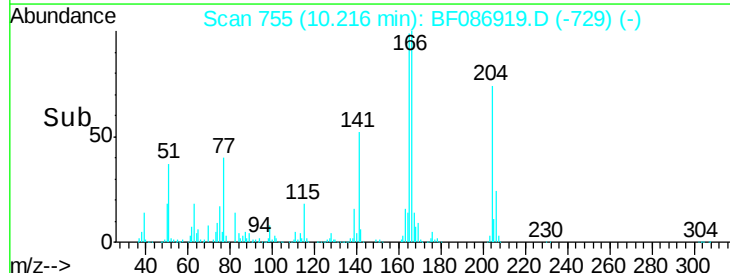
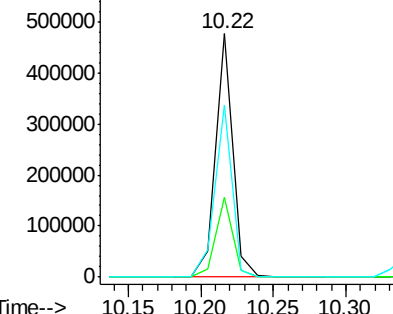


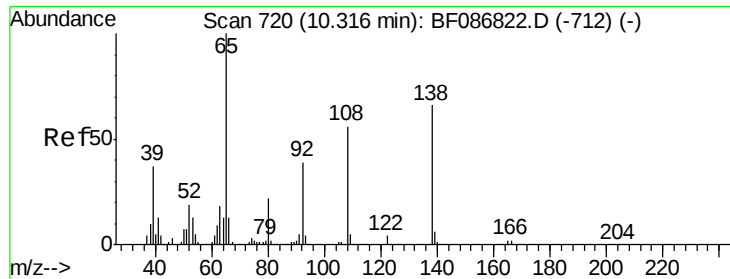
#60
4-Chlorophenyl-phenylether
Concen: 38.01 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.4	38.0
141	70.7	61.6	92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





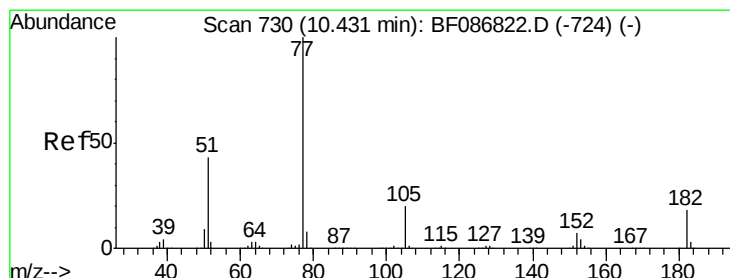
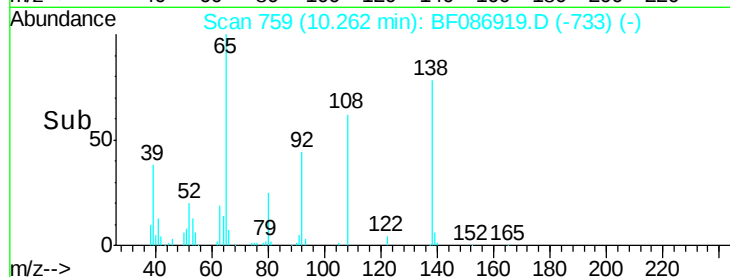
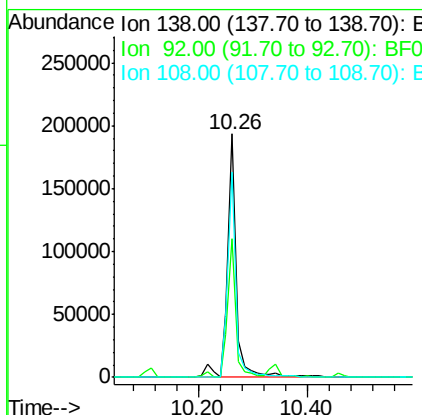
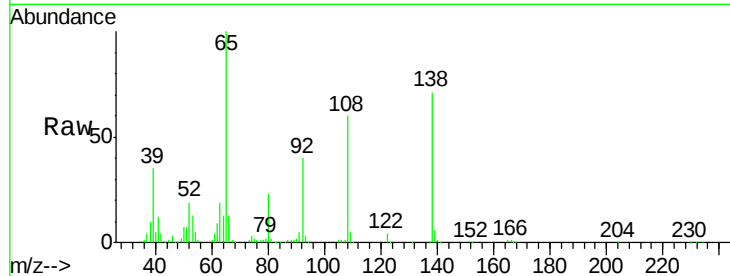
#61
4-Nitroaniline
Concen: 37.47 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	222642		
92	56.8	24.7	64.7	
108	84.5	37.4	77.4#	

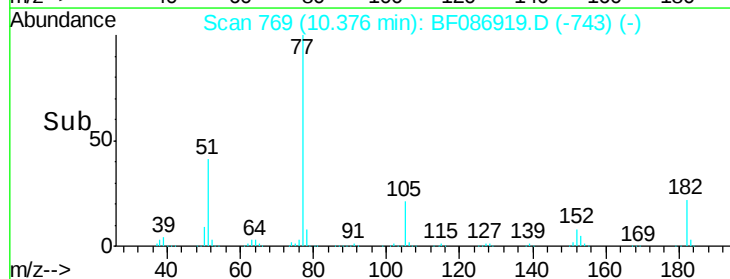
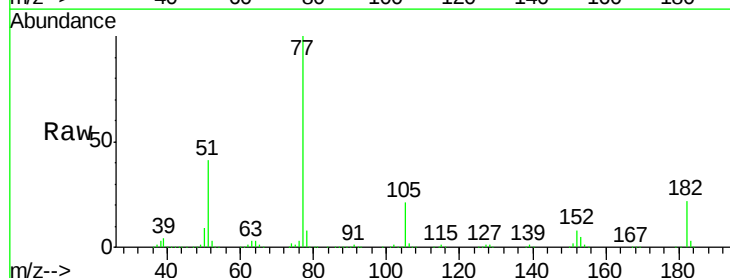
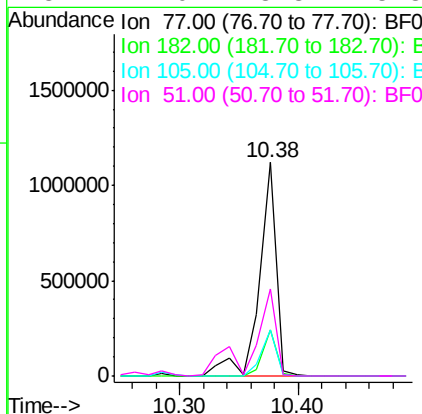
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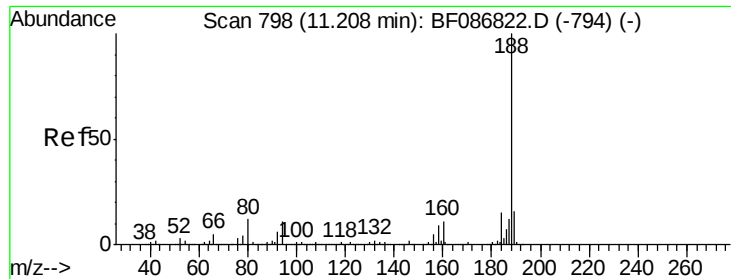
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#62
Azobenzene
Concen: 38.14 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1119790		
182	21.7	0.0	38.8	
105	21.3	3.2	43.2	
51	41.0	8.8	48.8	





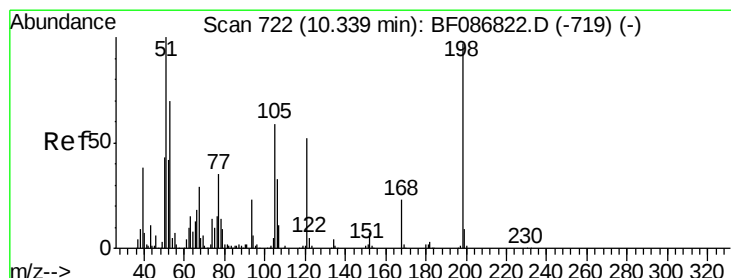
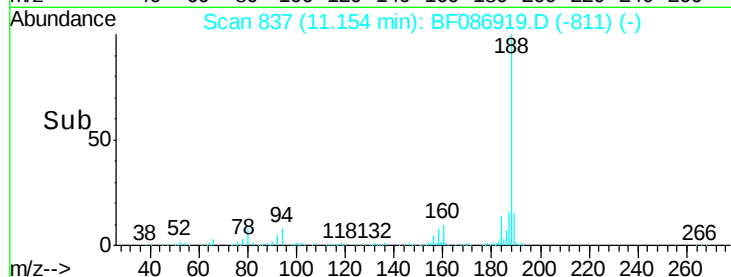
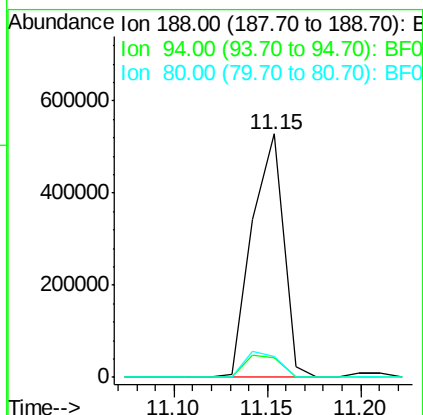
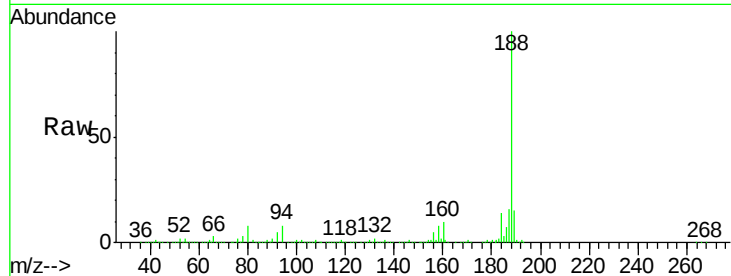
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	6.8	10.2
80	8.5	7.1	10.7

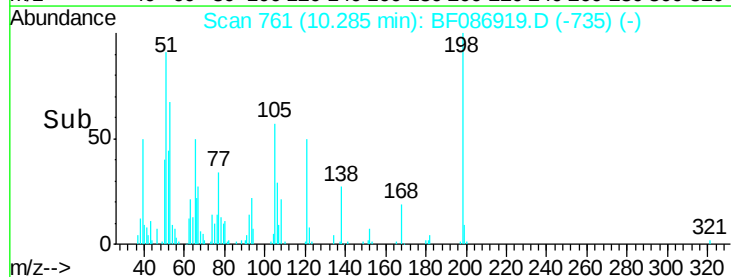
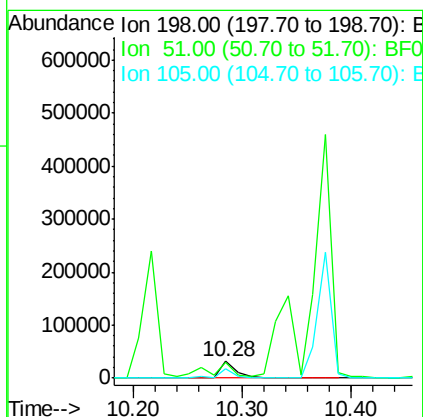
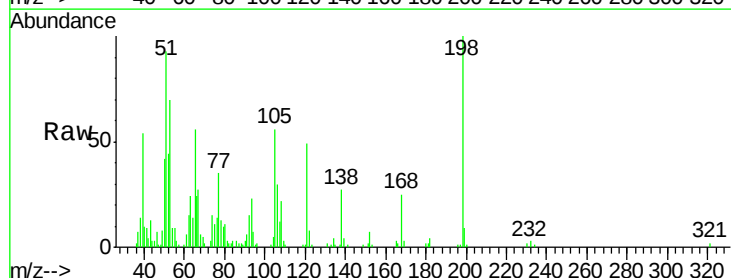
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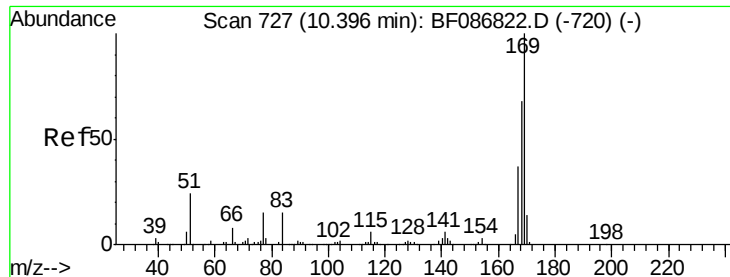
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#64
4,6-Dinitro-2-methylphenol
Concen: 8.54 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	92.8	20.5	60.5#
105	56.0	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 39.76 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

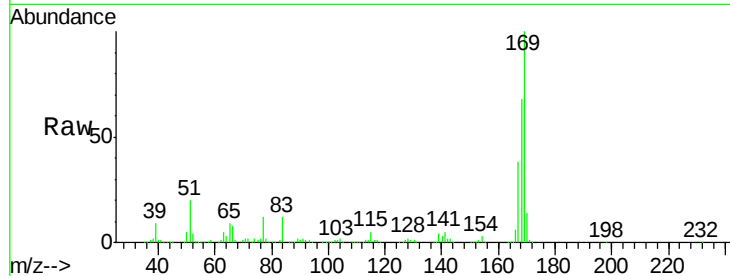
ClientSampleId :

SSTDCCC040

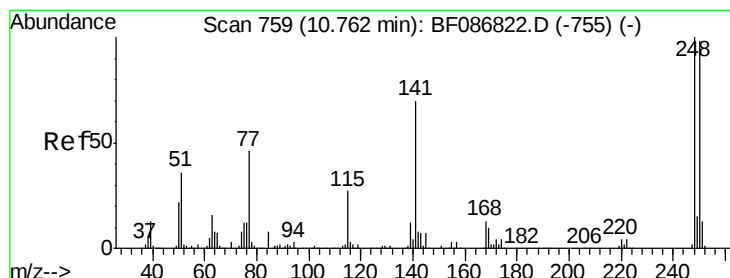
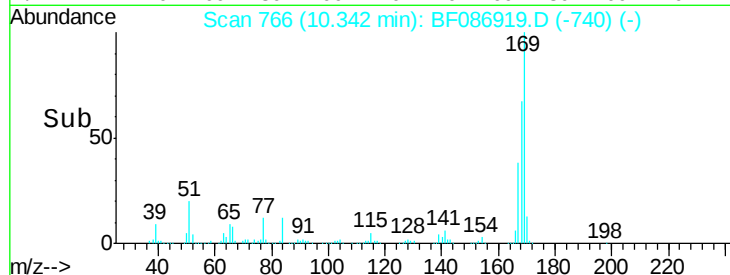
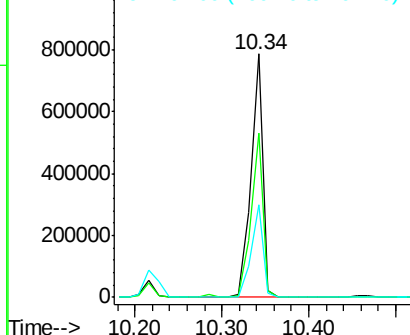
Tgt	Ion:169	Resp:	756247
Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.8	80.6
167	37.8	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 38.57 ng

RT: 10.71 min Scan# 798

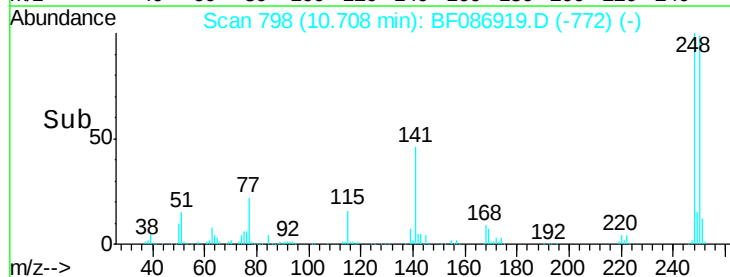
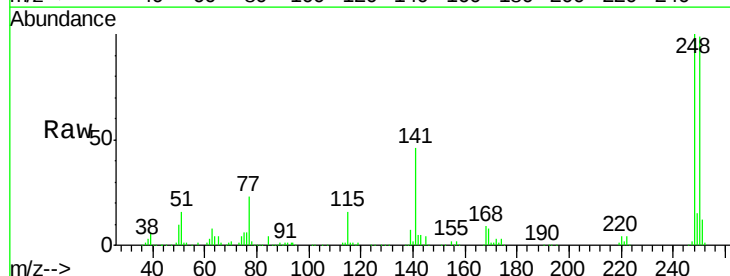
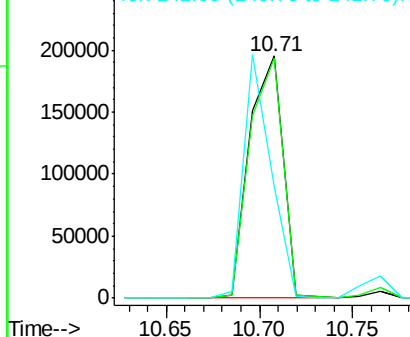
Delta R.T. 0.00 min

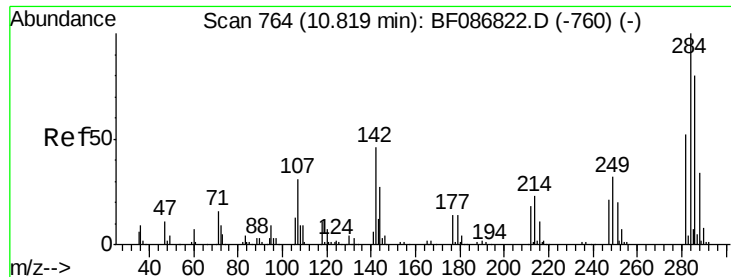
Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt	Ion:248	Resp:	242100
Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.6	117.8
141	46.4	76.0	114.0#

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





#67

Hexachlorobenzene

Concen: 38.97 ng

RT: 10.76 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

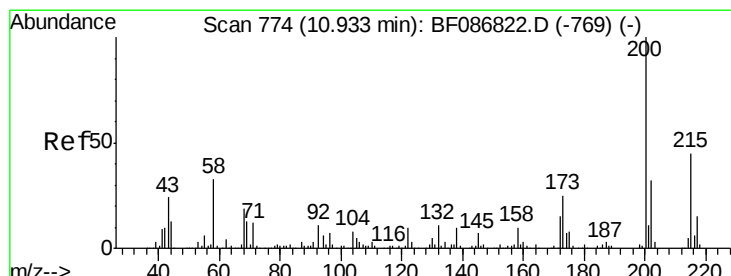
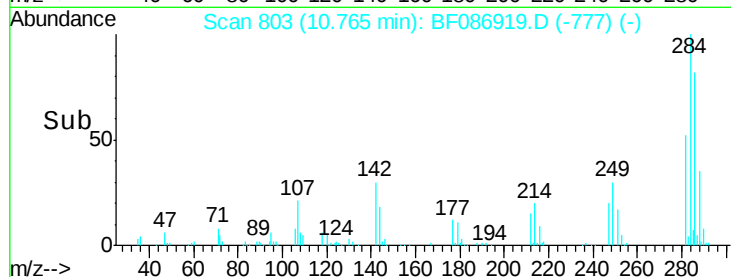
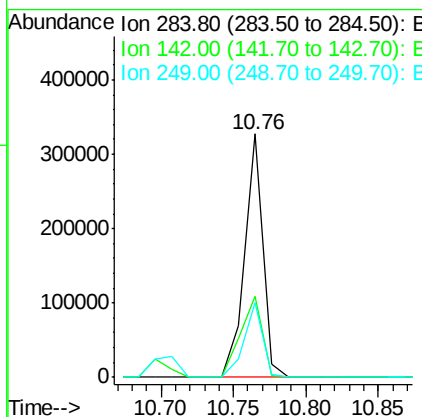
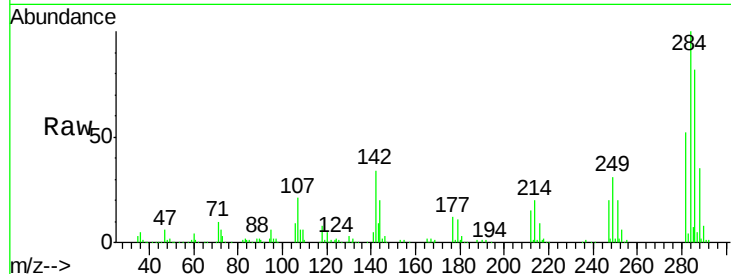
ClientSampleId :

SSTDCCC040

Tgt Ion:	284	Resp:	285879
Ion Ratio	Lower	Upper	
284	100		
142	33.5	16.7	25.1#
249	30.9	21.3	31.9

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#68

Atrazine

Concen: 31.84 ng

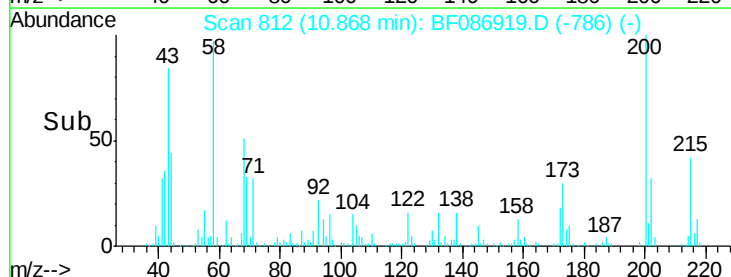
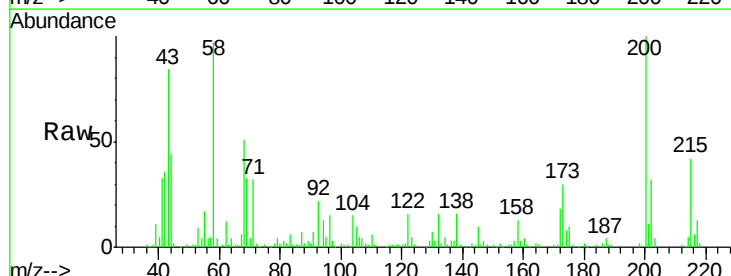
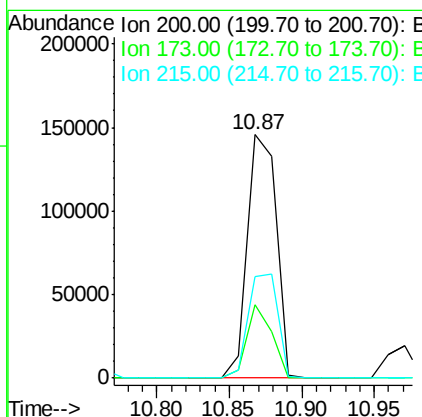
RT: 10.87 min Scan# 812

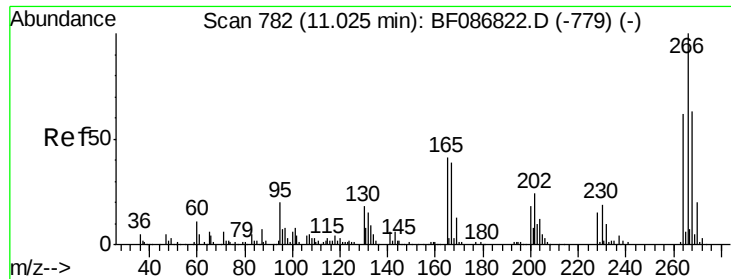
Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:	200	Resp:	202309
Ion Ratio	Lower	Upper	
200	100		
173	29.9	8.5	48.5
215	42.0	27.2	67.2





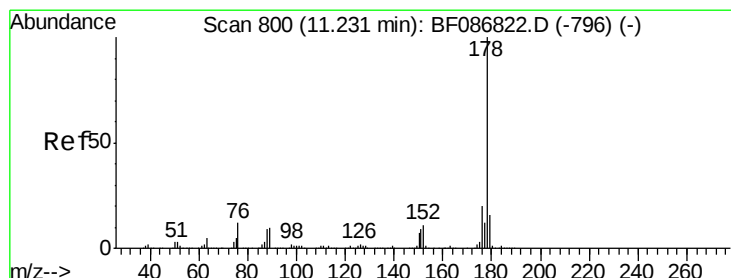
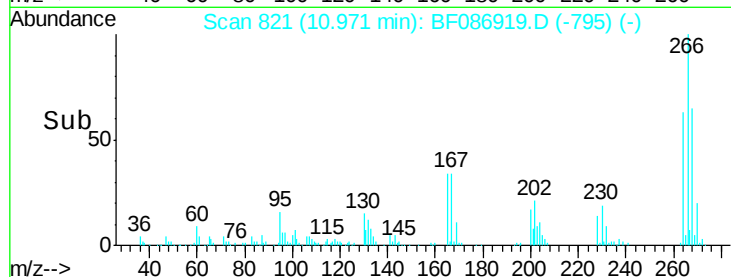
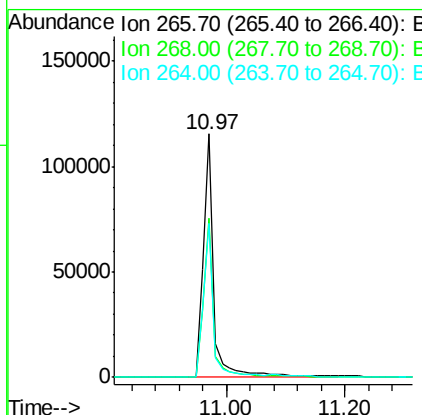
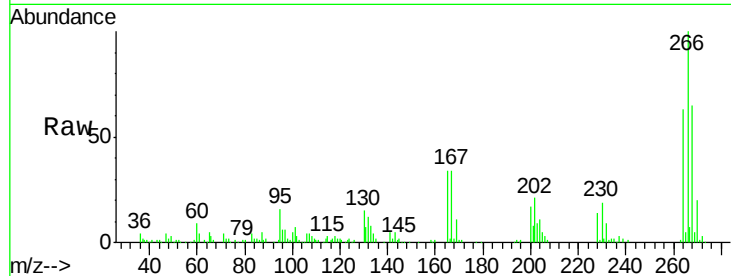
#69
 Pentachlorophenol
 Concen: 43.47 ng
 RT: 10.97 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	147362		
268	65.1	51.5	77.3	
264	63.1	52.9	79.3	

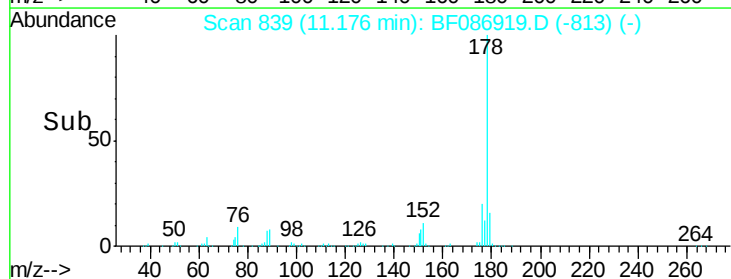
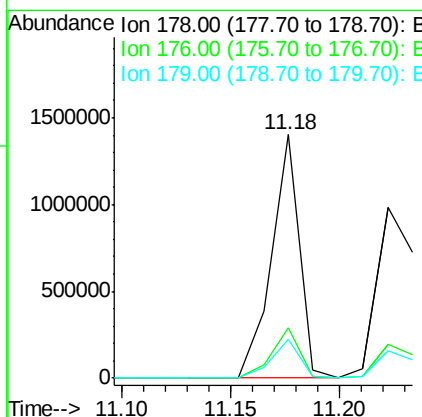
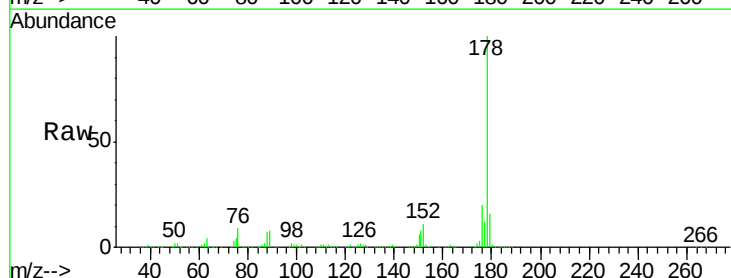
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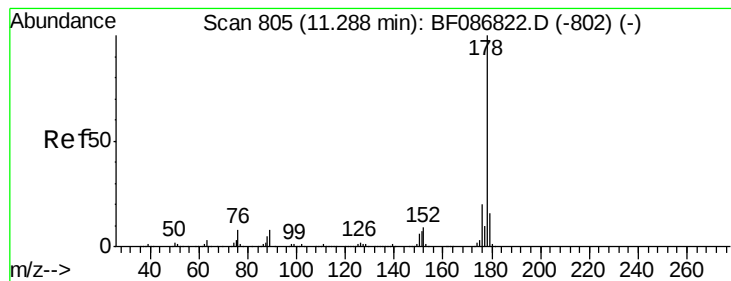
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#70
 Phenanthrene
 Concen: 38.36 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1267302		
176	20.5	16.0	24.0	
179	15.8	12.6	18.8	





#71

Anthracene

Concen: 36.48 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1232567

Ion Ratio Lower Upper

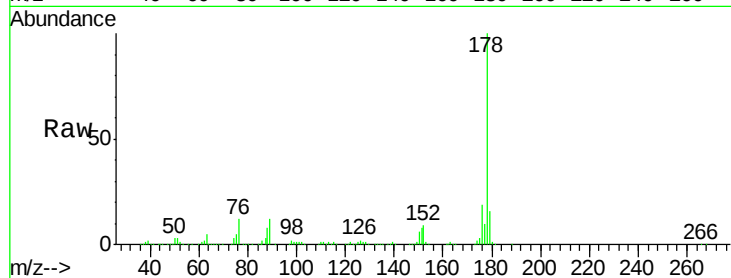
178 100

176 19.5 15.6 23.4

179 16.2 12.7 19.1

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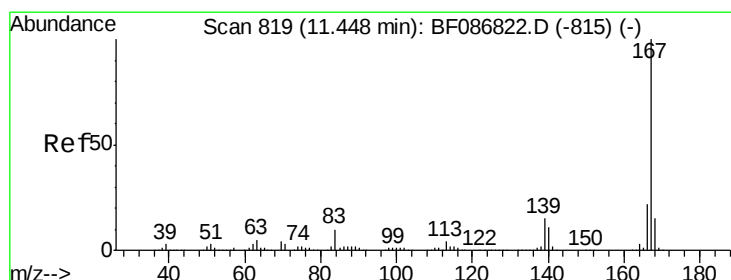
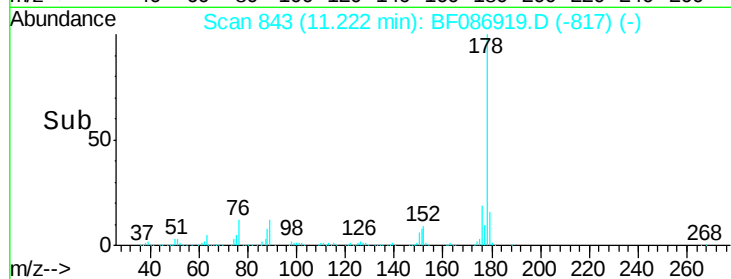
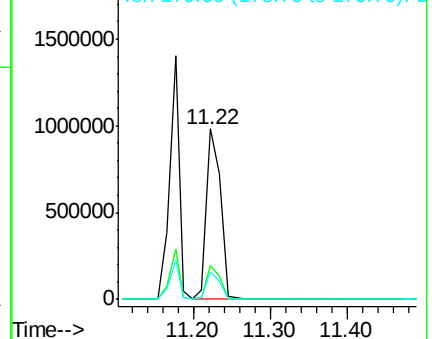
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.77 ng

RT: 11.39 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

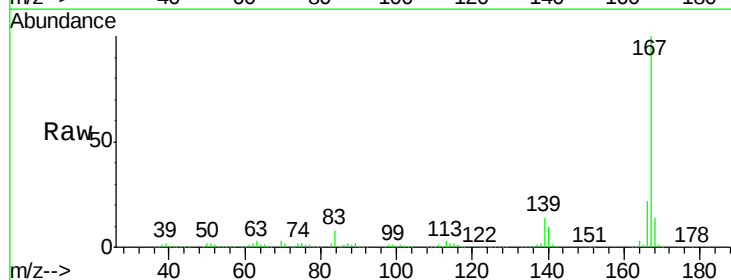
Tgt Ion:167 Resp: 1213198

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

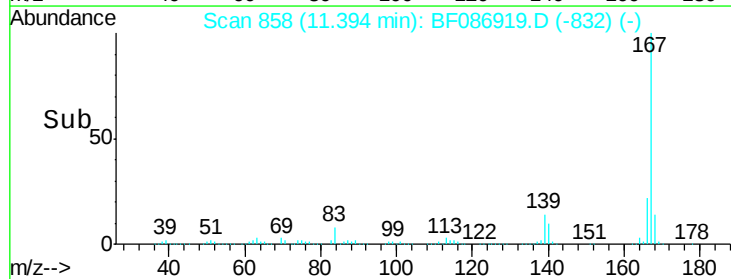
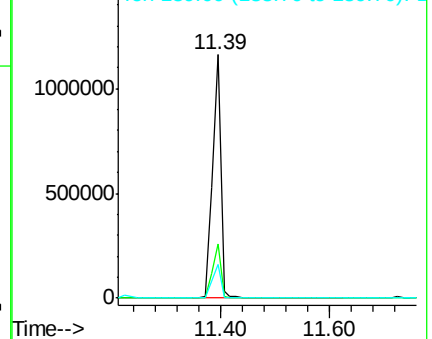
139 13.6 10.8 16.2

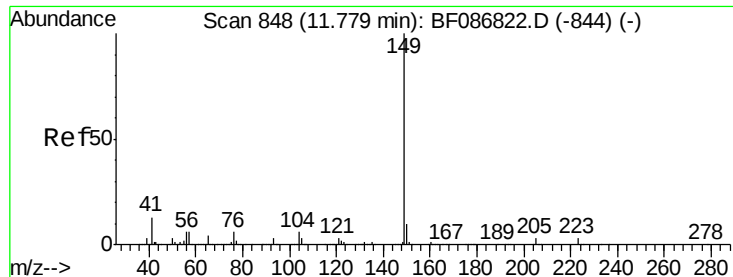


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.41 ng

RT: 11.73 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

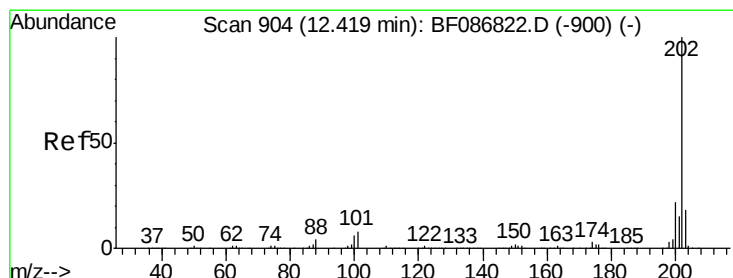
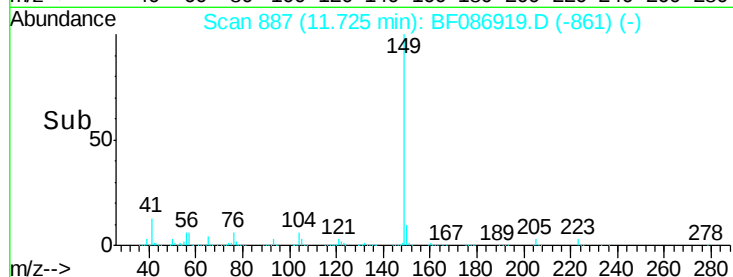
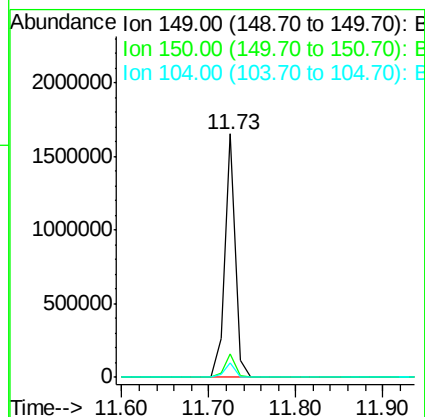
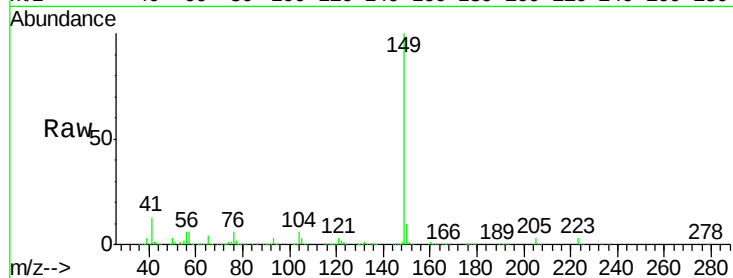
ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1397946
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 6.1 3.8 5.6#

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#74

Fluoranthene

Concen: 36.64 ng

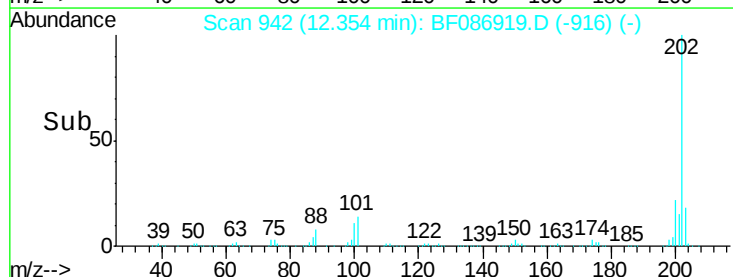
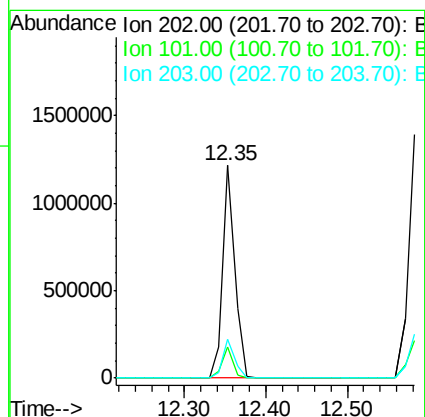
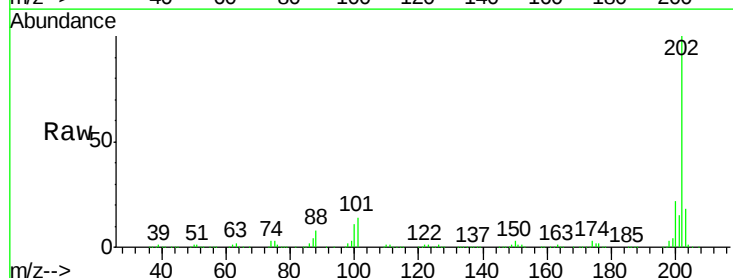
RT: 12.35 min Scan# 942

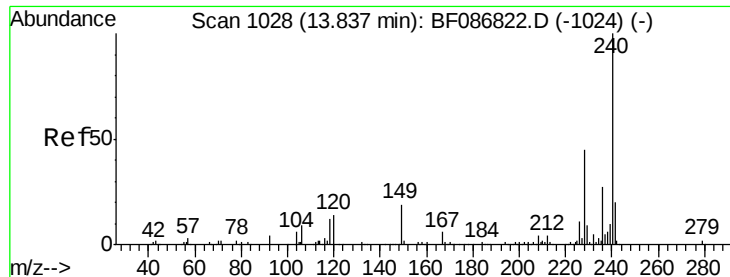
Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:202 Resp: 1245178
 Ion Ratio Lower Upper
 202 100
 101 14.4 0.0 35.4
 203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

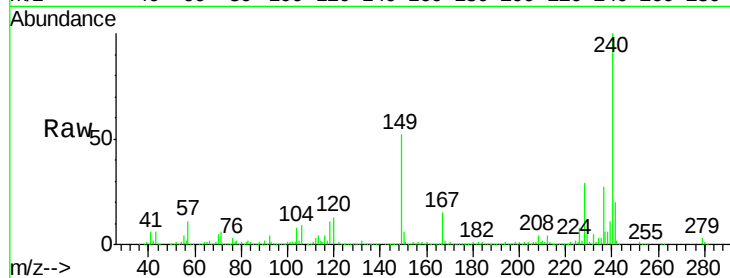
ClientSampleId :

SSTDCCC040

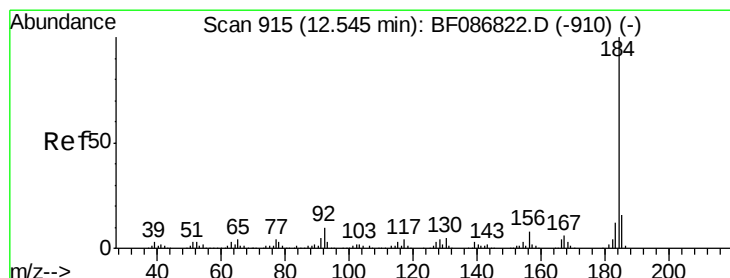
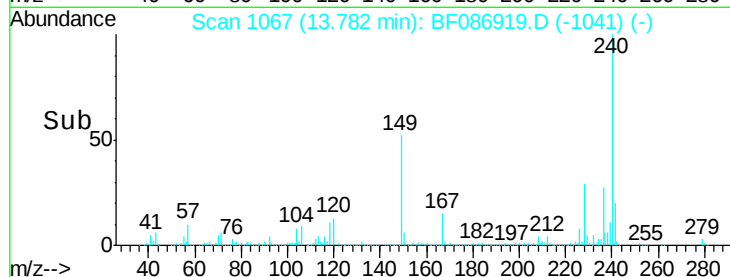
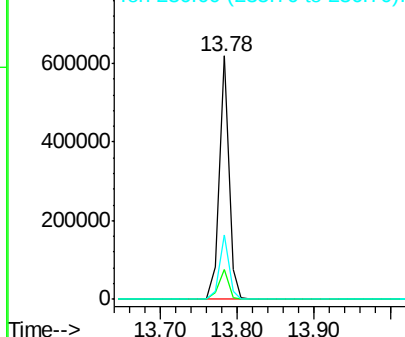
Tgt Ion:	240	Resp:	545325
Ion Ratio		Lower	Upper
240	100		
120	12.5	11.2	16.8
236	26.7	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.00 ng

RT: 12.49 min Scan# 954

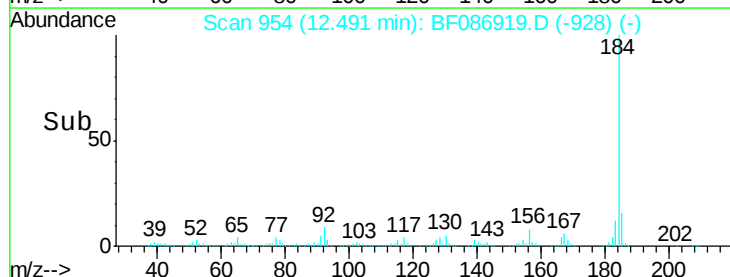
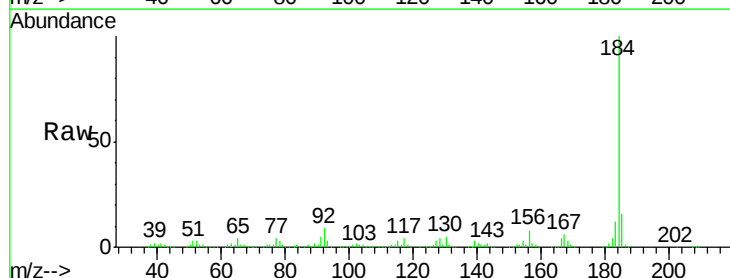
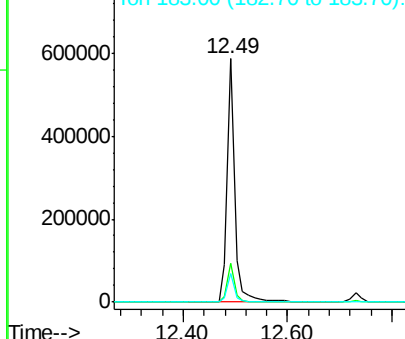
Delta R.T. 0.00 min

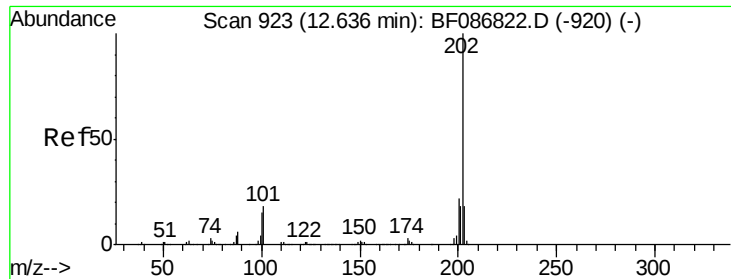
Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:	184	Resp:	597754
Ion Ratio		Lower	Upper
184	100		
185	15.8	13.6	20.4
183	11.8	9.8	14.6

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.41 ng

RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

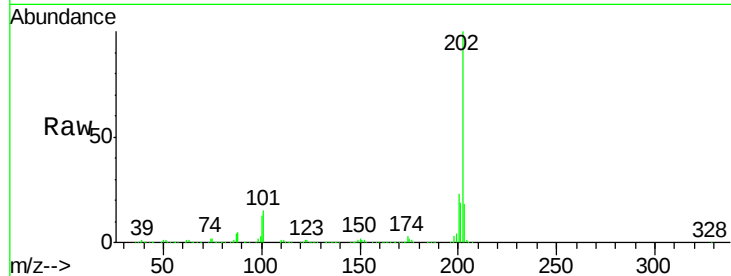
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.7	26.5
203	18.1	14.2	21.4

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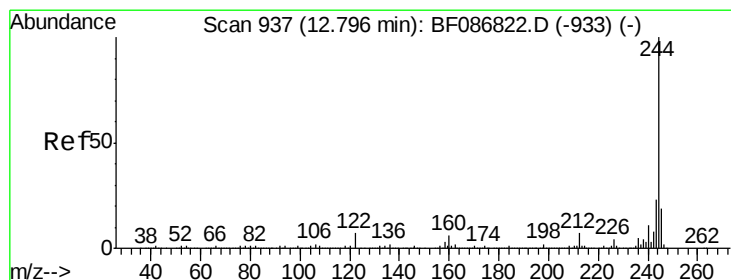
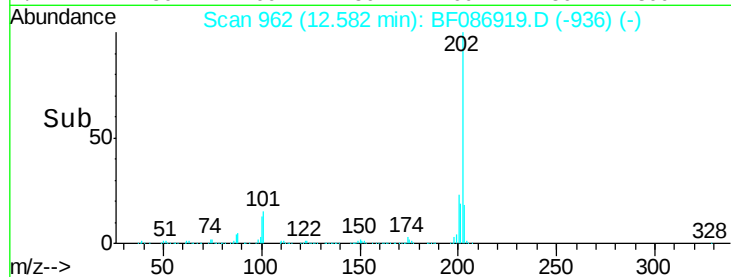
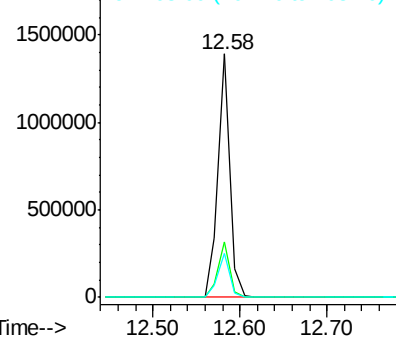
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.95 ng

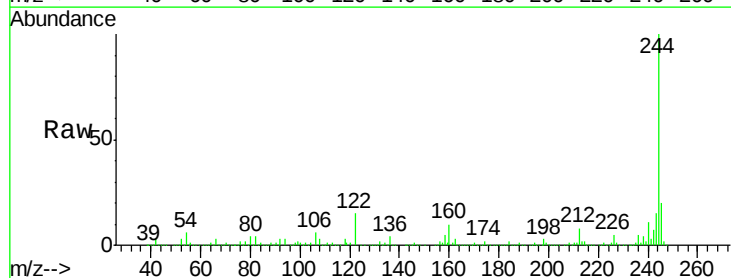
RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

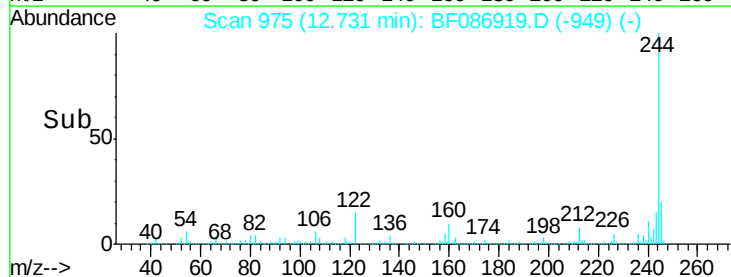
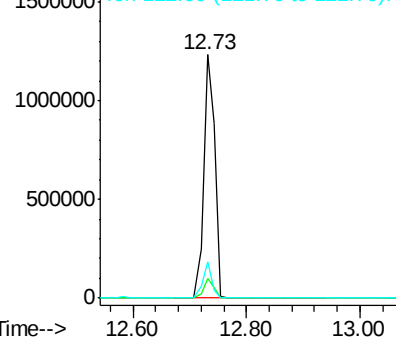
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	15.0	12.0	18.0

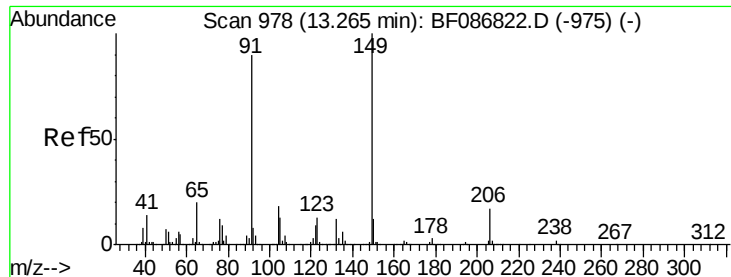


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.80 ng

RT: 13.21 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

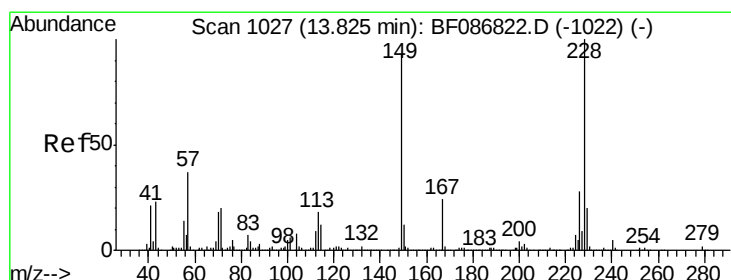
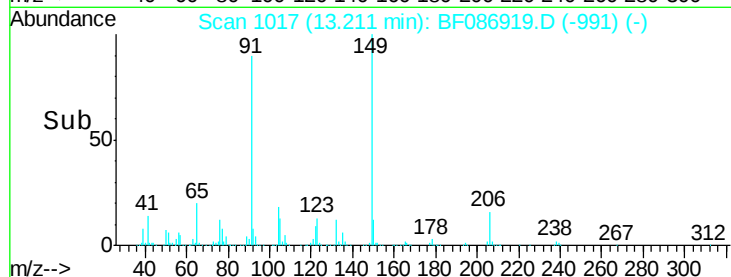
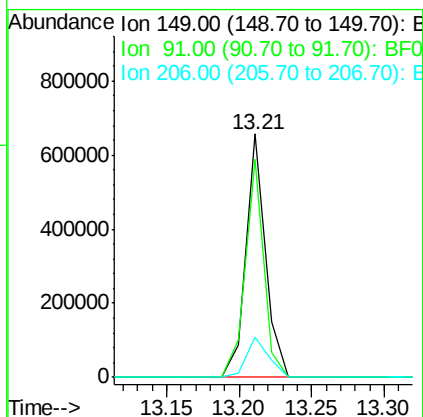
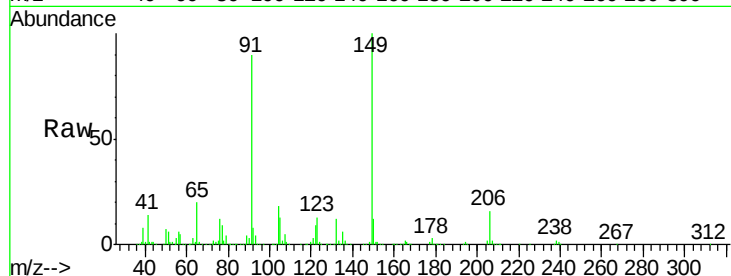
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	614616
Ion Ratio	Lower	Upper	
149	100		
91	89.6	48.0	72.0#
206	16.5	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 39.88 ng

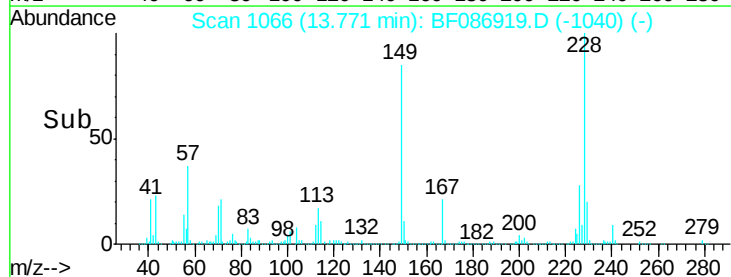
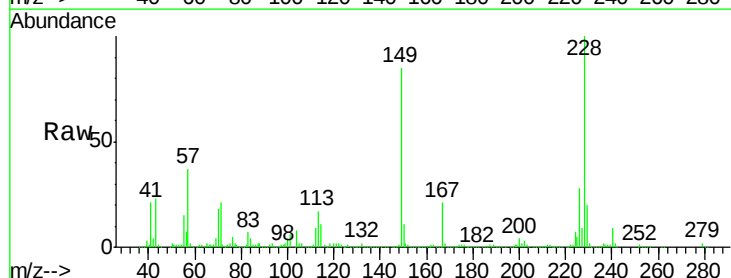
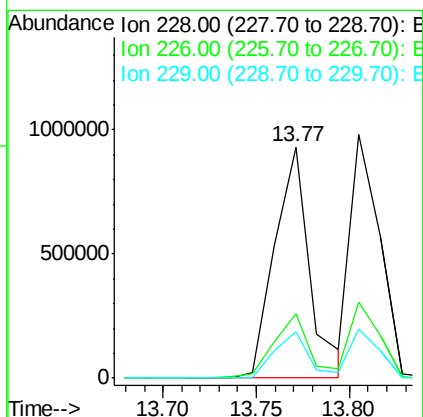
RT: 13.77 min Scan# 1066

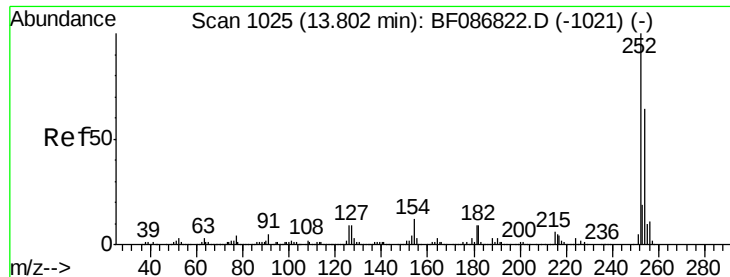
Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:	228	Resp:	1221005
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.5	33.7
229	20.1	16.6	25.0





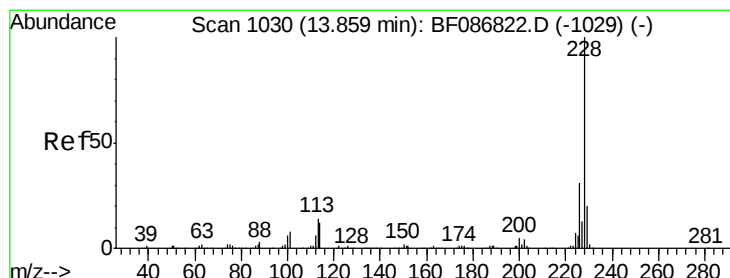
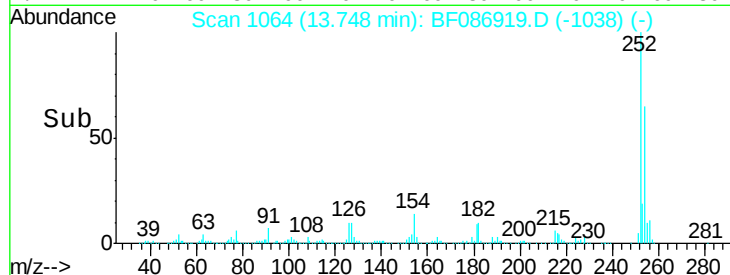
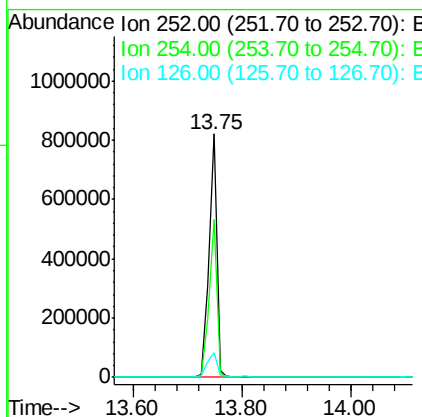
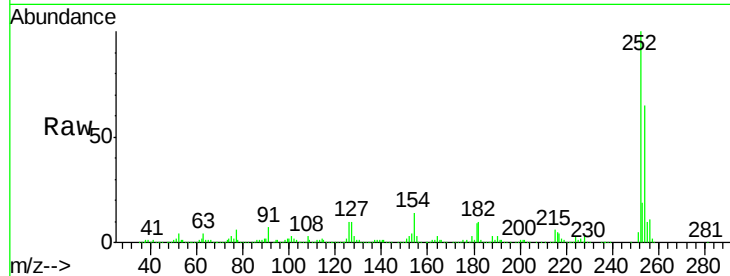
#81
 3,3'-Dichlorobenzidine
 Concen: 41.87 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	814358		
254	64.8	50.7	76.1	
126	10.1	12.7	19.1	

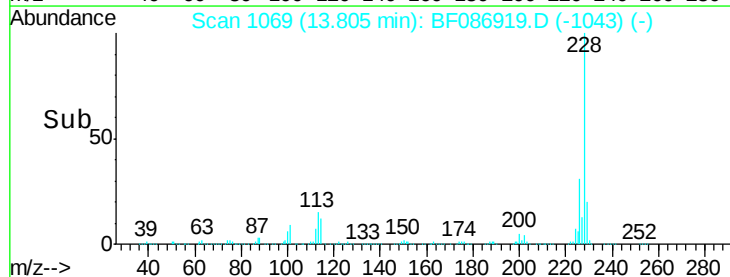
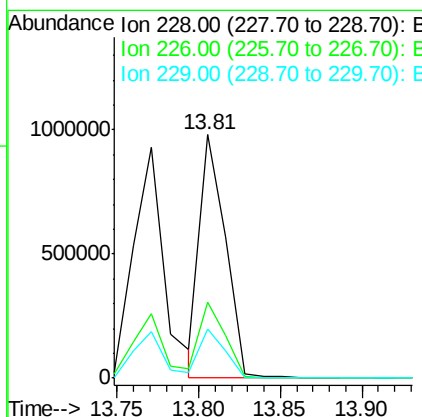
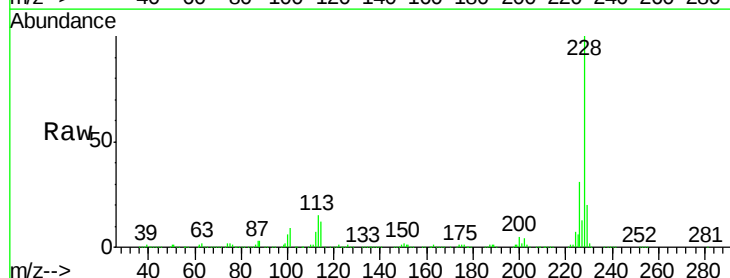
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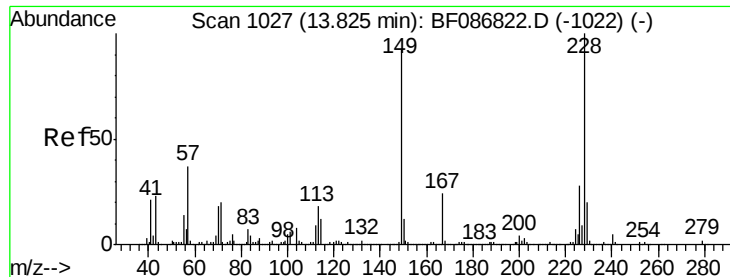
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#82
 Chrysene
 Concen: 34.66 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1079329		
226	31.3	24.4	36.6	
229	20.3	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.06 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 808442
Ion Ratio Lower Upper

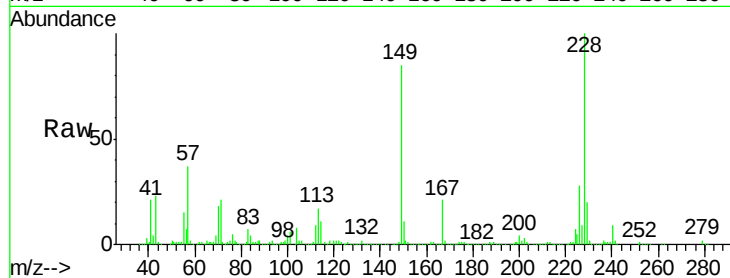
149 100

167 24.8 21.8 32.6

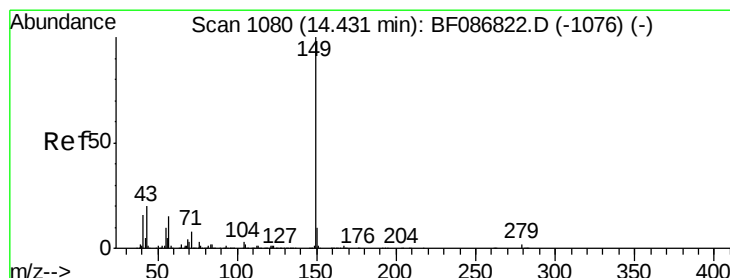
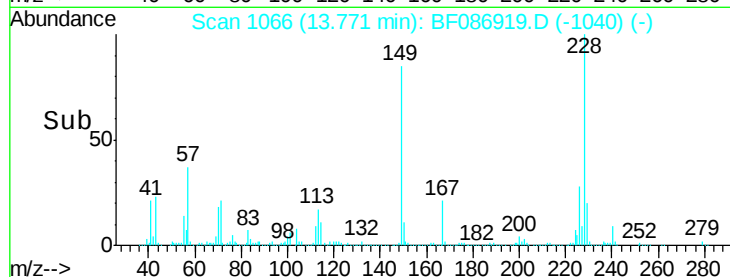
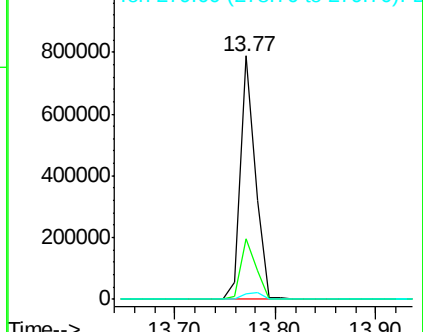
279 2.3 2.6 4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.01 ng

RT: 14.39 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF086919.D

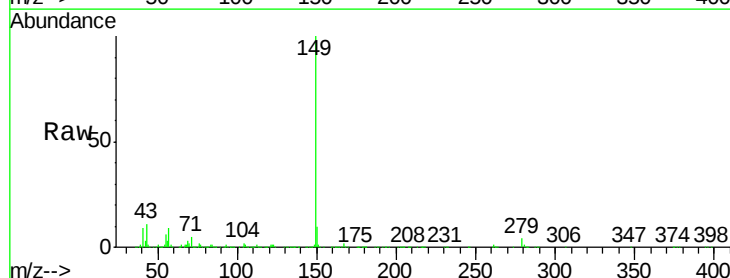
Acq: 12 May 2016 7:53

Tgt Ion:149 Resp: 1653976
Ion Ratio Lower Upper

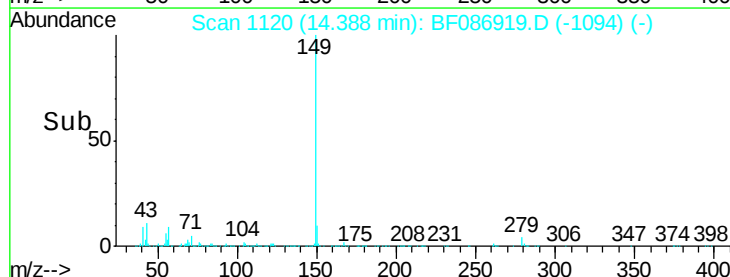
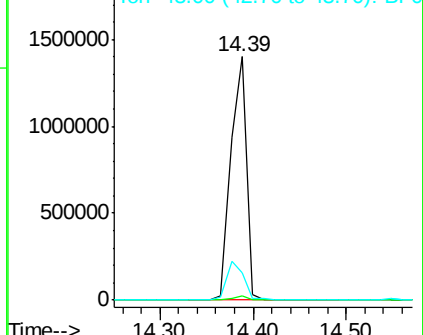
149 100

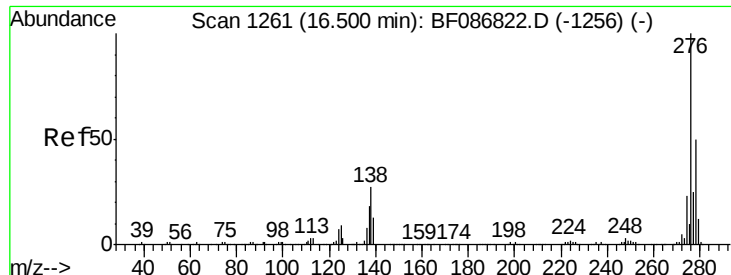
167 1.6 1.2 1.8

43 16.7 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





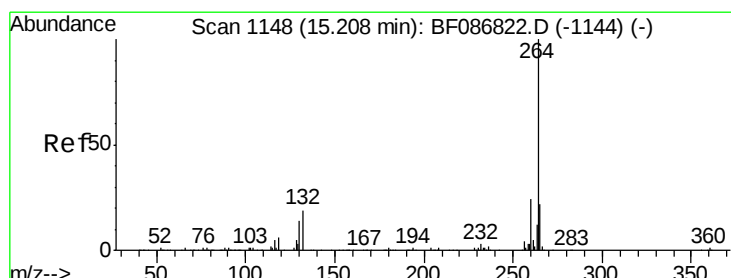
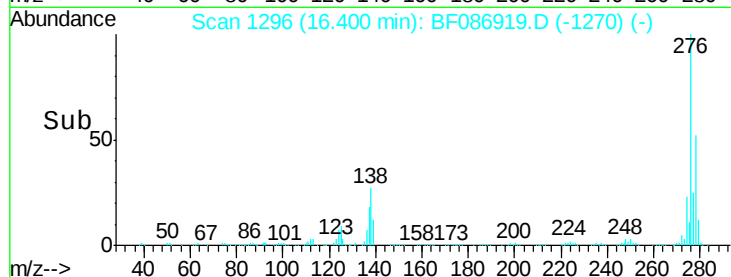
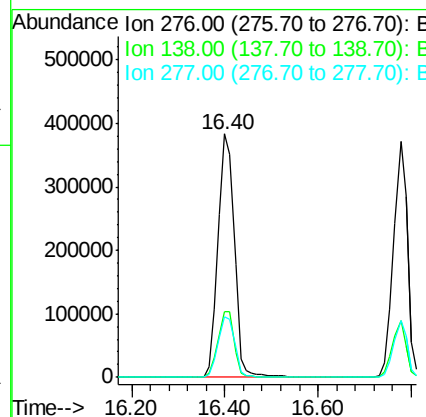
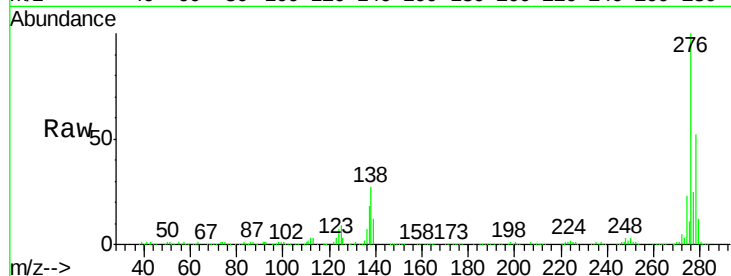
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.26 ng
 RT: 16.40 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	939585		
138	27.2	25.6	38.4	
277	25.4	20.5	30.7	

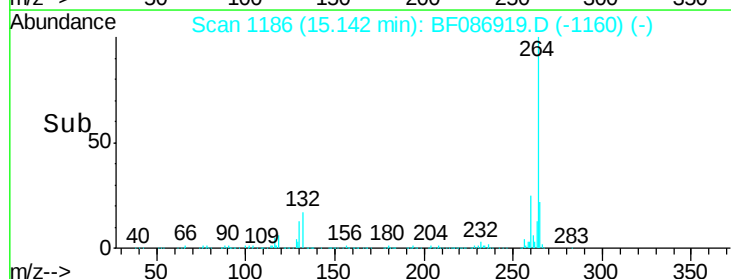
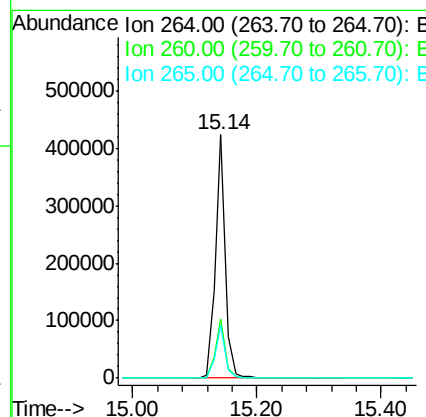
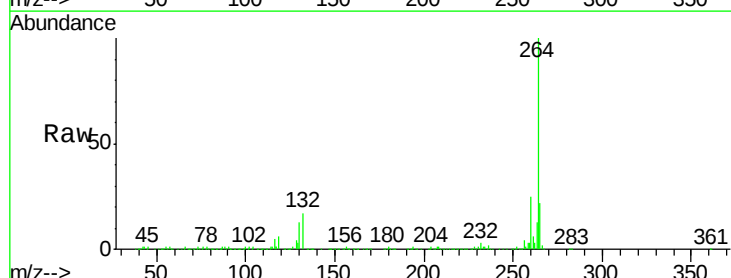
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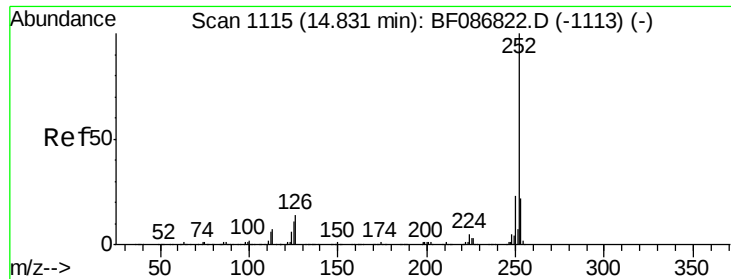
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	462479		
260	24.5	19.5	29.3	
265	21.6	17.3	25.9	





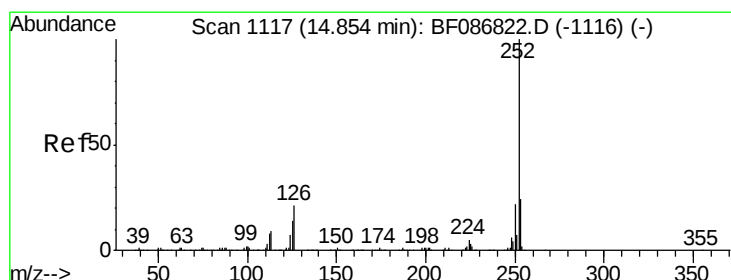
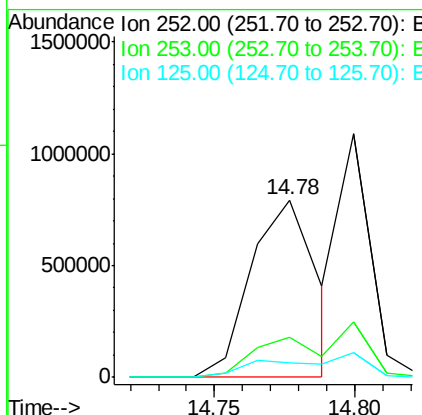
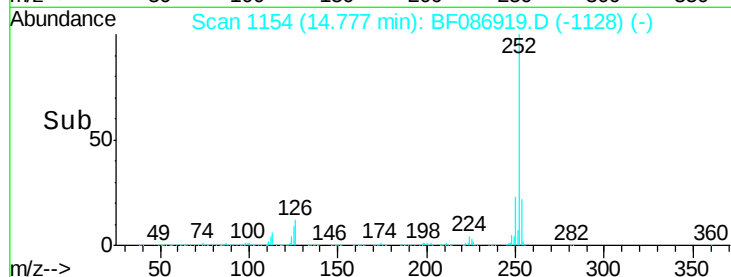
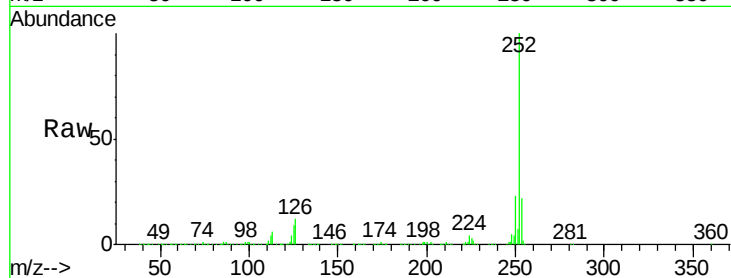
#87
Benzo(b)fluoranthene
Concen: 43.04 ng m
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	8.5	11.4	17.0

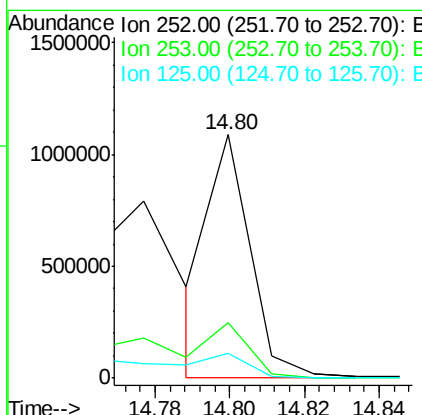
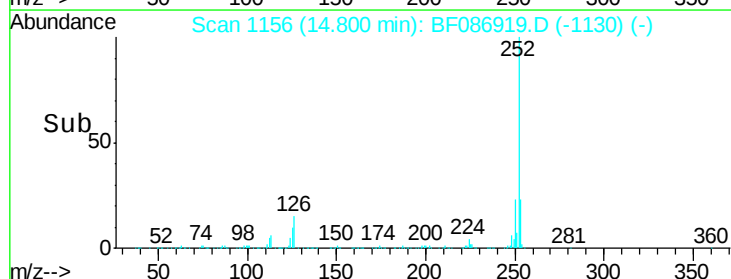
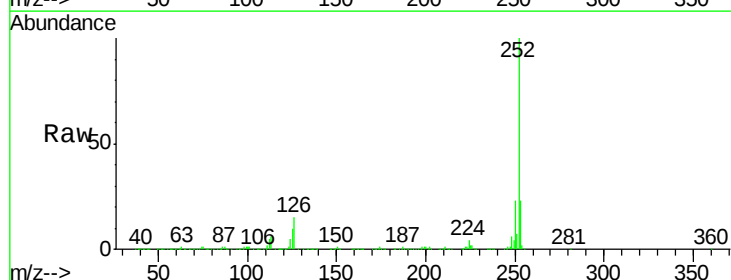
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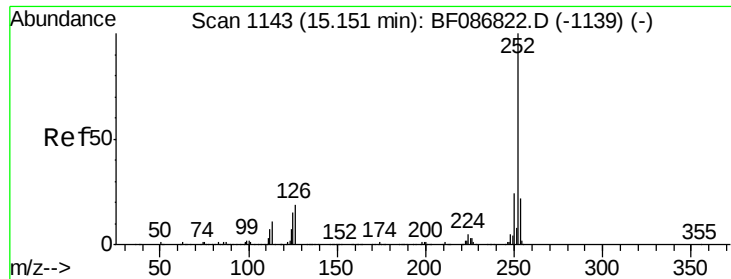
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#88
Benzo(k)fluoranthene
Concen: 33.90 ng m
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	9.9	9.1	13.7





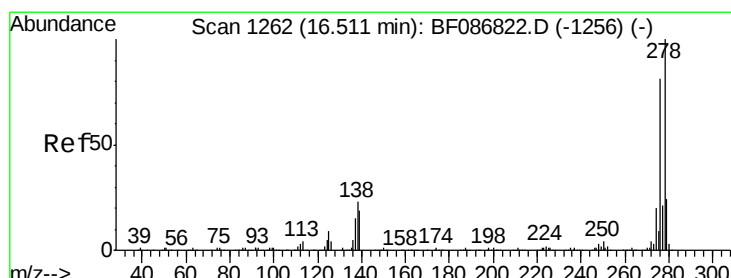
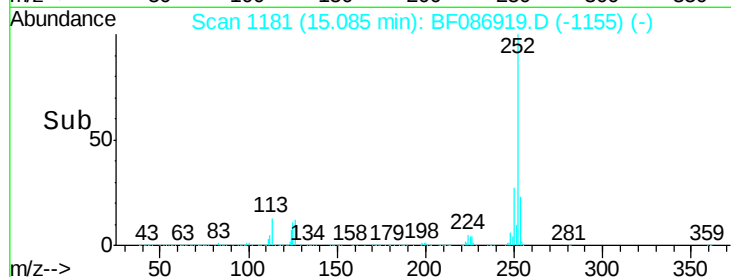
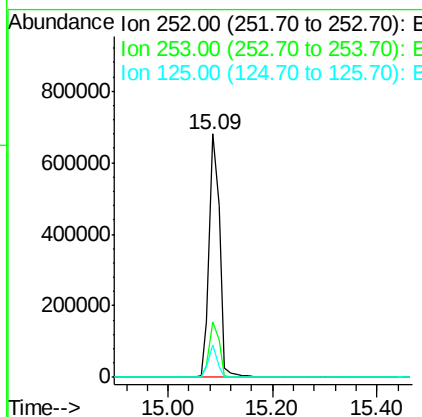
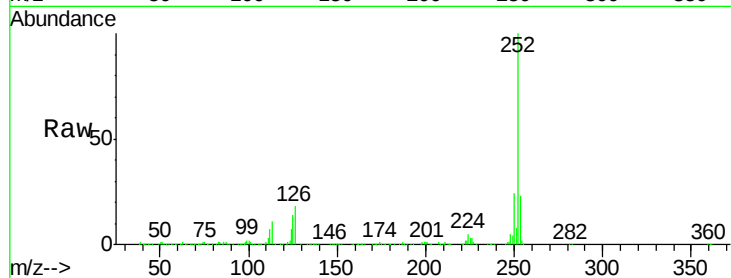
#89
Benzo(a)pyrene
Concen: 36.53 ng
RT: 15.09 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	947028		
253	22.6	17.2	25.8	
125	13.5	9.0	13.6	

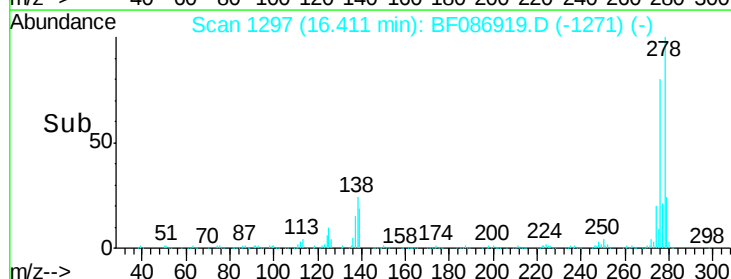
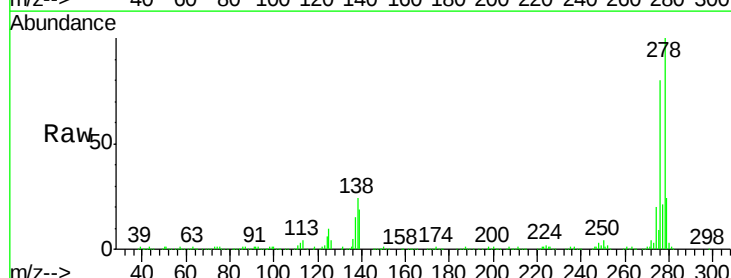
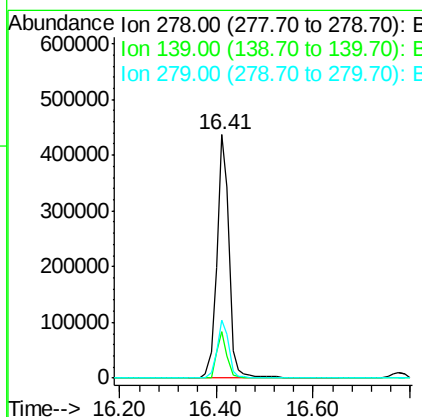
Manual Integrations
APPROVED

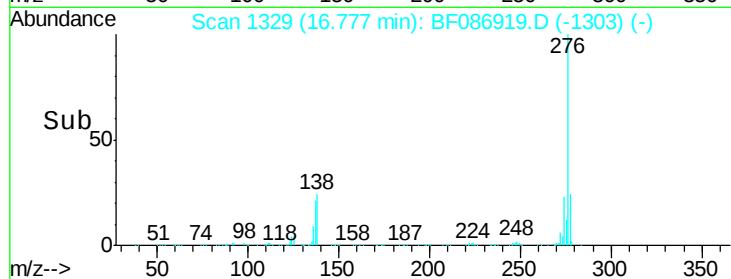
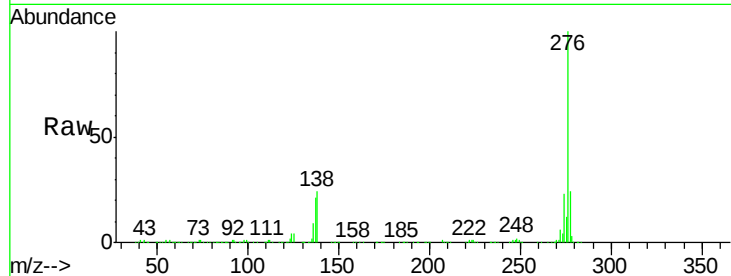
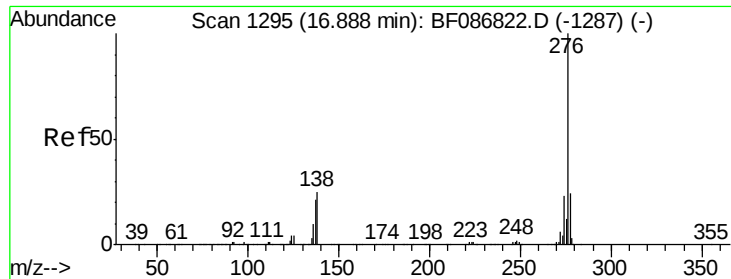
sohil
5/12/2016 7:00:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.61 ng
RT: 16.41 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	778129		
139	19.3	16.6	24.8	
279	24.1	19.6	29.4	





#91

Benzo(g,h,i)perylene

Concen: 34.72 ng

RT: 16.78 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt	Ion	276	Resp	770904
Ion	Ratio	Lower	Upper	
276	100			
277	24.0	19.6	29.4	
138	24.0	23.6	35.4	

Manual Integrations
APPROVED

sohil
5/12/2016 7:00:32 PM

