

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086851.D
 Acq On : 10 May 2016 5:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:41 AM

Quant Time: May 10 06:05:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	187781	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	777294	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	366051	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	643556	20.00	ng	0.00
75) Chrysene-d12	13.84	240	384518	20.00	ng	0.00
86) Perylene-d12	15.21	264	395307	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	921009	83.06	ng	0.00
7) Phenol-d6	6.36	99	1130848	76.31	ng	0.00
23) Nitrobenzene-d5	7.26	82	1190539	76.91	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	301231	77.73	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1536494	70.55	ng	0.00
78) Terphenyl-d14	12.79	244	1336826	73.76	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	210540	38.68	ng	# 72
3) Pyridine	2.85	79	502624	37.77	ng	# 69
4) n-Nitrosodimethylamine	2.81	42	388665	40.27	ng	# 49
6) Aniline	6.36	93	685117	38.23	ng	# 71
8) 2-Chlorophenol	6.49	128	504790	37.73	ng	97
9) Benzaldehyde	6.24	77	313908	36.58	ng	96
10) Phenol	6.37	94	649200	36.86	ng	80
11) bis(2-Chloroethyl)ether	6.44	93	541381	39.42	ng	94
12) 1,3-Dichlorobenzene	6.62	146	535457	36.98	ng	# 89
13) 1,4-Dichlorobenzene	6.70	146	530722	35.94	ng	# 91
14) 1,2-Dichlorobenzene	6.86	146	514893	40.01	ng	98
15) Benzyl Alcohol	6.85	79	396066	38.71	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1050842	35.19	ng	57
17) 2-Methylphenol	6.98	107	418571	39.31	ng	# 84
18) Hexachloroethane	7.20	117	200735	36.13	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	416071	40.17	ng	# 74
20) 3+4-Methylphenols	7.14	107	533602	38.37	ng	# 57
22) Acetophenone	7.12	105	695980	37.91	ng	# 99
24) Nitrobenzene	7.29	77	599467	37.65	ng	97
25) Isophorone	7.53	82	1057342	36.81	ng	99
26) 2-Nitrophenol	7.61	139	286110	40.88	ng	95
27) 2,4-Dimethylphenol	7.65	122	411904	34.55	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	621029	40.09	ng	99
29) 2,4-Dichlorophenol	7.86	162	398755	37.99	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	459631	39.17	ng	98
31) Naphthalene	8.01	128	1453310	37.33	ng	99
32) Benzoic acid	7.81	122	253396	36.18	ng	# 79
33) 4-Chloroaniline	8.06	127	575153	38.02	ng	# 93
34) Hexachlorobutadiene	8.12	225	262652	38.58	ng	99
35) Caprolactam	8.45	113	137536	38.52	ng	# 48
36) 4-Chloro-3-methylphenol	8.57	107	469975	36.93	ng	96
37) 2-Methylnaphthalene	8.69	142	895697	39.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	398351	37.43	ng	99
40) Hexachlorocyclopentadiene	8.84	237	88972	17.61	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	270324	37.98	nq	95
43) 2,4,5-Trichlorophenol	9.02	196	287477	39.06	nq #	87
45) 1,1'-Biphenyl	9.16	154	1193316	40.99	nq	97
46) 2-Chloronaphthalene	9.18	162	915776	40.15	nq	99
47) 2-Nitroaniline	9.29	65	315103	37.80	nq #	76
48) Acenaphthylene	9.60	152	1371894	40.89	nq	99
49) Dimethylphthalate	9.47	163	1054957	37.78	nq	100
50) 2,6-Dinitrotoluene	9.53	165	212040	36.08	nq #	68
51) Acenaphthene	9.77	154	863044	41.35	nq	99
52) 3-Nitroaniline	9.70	138	232211	37.53	nq #	78
53) 2,4-Dinitrophenol	9.81	184	55339	24.35	nq	87
54) Dibenzofuran	9.94	168	1093873	40.83	nq	100
55) 4-Nitrophenol	9.88	139	145220	37.75	nq #	43
56) 2,4-Dinitrotoluene	9.94	165	273824	37.65	nq #	86
57) Fluorene	10.28	166	899474	39.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	212047	38.27	nq	97
59) Diethylphthalate	10.17	149	1051886	38.65	nq	95
60) 4-Chlorophenyl-phenylether	10.27	204	391288	37.81	nq	98
61) 4-Nitroaniline	10.32	138	228947	38.53	nq #	70
62) Azobenzene	10.43	77	1141961	38.89	nq	88
64) 4,6-Dinitro-2-methylphenol	10.34	198	105562	26.40	nq #	45
65) n-Nitrosodiphenylamine	10.40	169	814963	41.22	nq	100
66) 4-Bromophenyl-phenylether	10.76	248	276677	42.40	nq #	82
67) Hexachlorobenzene	10.82	284	277254	36.36	nq #	75
68) Atrazine	10.92	200	232039	35.13	nq	95
69) Pentachlorophenol	11.02	266	132716	37.66	nq	97
70) Phenanthrene	11.23	178	1167041	33.98	nq	100
71) Anthracene	11.29	178	1356215	38.61	nq	99
72) Carbazole	11.45	167	1181324	39.12	nq	99
73) Di-n-butylphthalate	11.78	149	1509429	40.94	nq #	99
74) Fluoranthene	12.41	202	1081271	30.61	nq	99
76) Benzidine	12.55	184	427913	43.65	nq	97
77) Pyrene	12.64	202	1046502	35.55	nq	100
79) Butylbenzylphthalate	13.27	149	528306	42.43	nq #	77
80) Benzo(a)anthracene	13.83	228	775292	35.92	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	499439	36.42	nq	100
82) Chrysene	13.86	228	800080	36.44	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	652418	43.56	nq	97
84) Di-n-octyl phthalate	14.43	149	1057661	42.63	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	918029	50.25	nq	95
87) Benzo(b)fluoranthene	14.83	252	949714m	36.97	nq	
88) Benzo(k)fluoranthene	14.85	252	707801m	33.65	nq	
89) Benzo(a)pyrene	15.15	252	807692	36.45	nq	98
90) Dibenzo(a,h)anthracene	16.51	278	769154	41.18	nq	97
91) Benzo(g,h,i)perylene	16.89	276	750016	39.52	nq	94

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

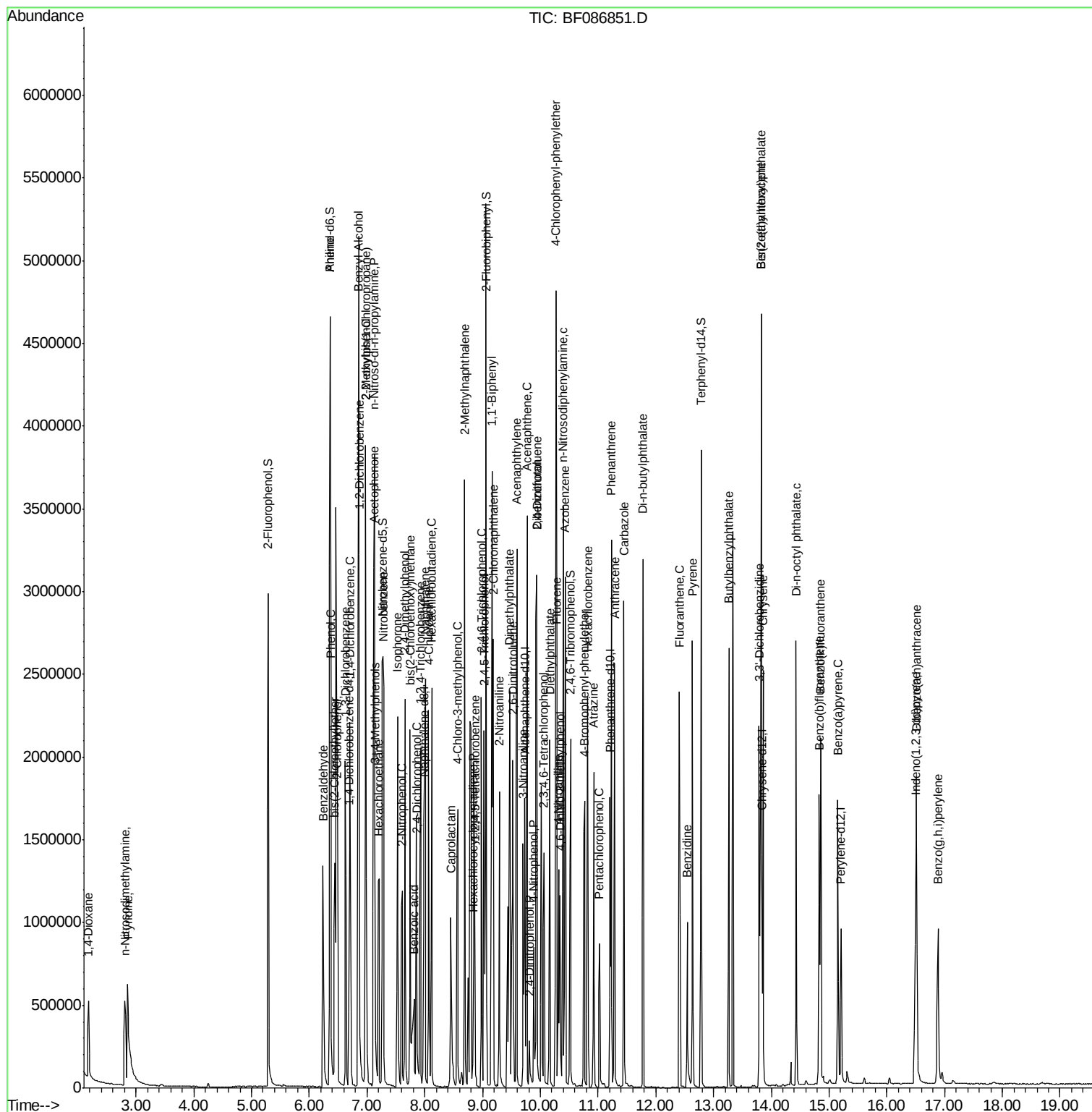
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Acq On    : 10 May 2016    5:42  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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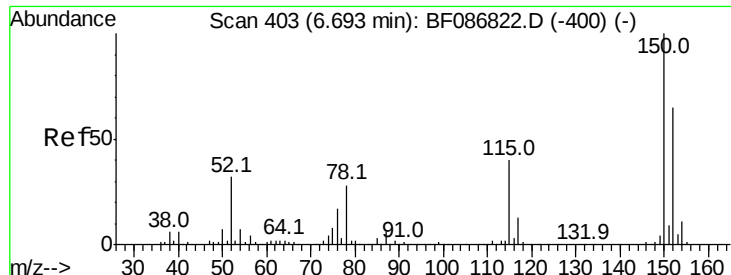
Instrument :
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

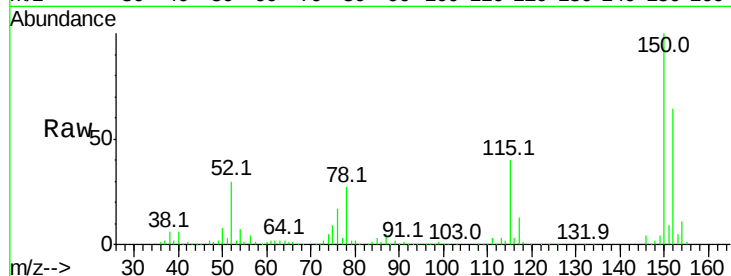
ClientSampleId :

SSTDCCC040EC

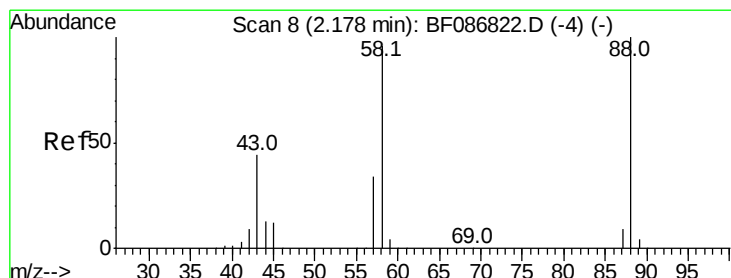
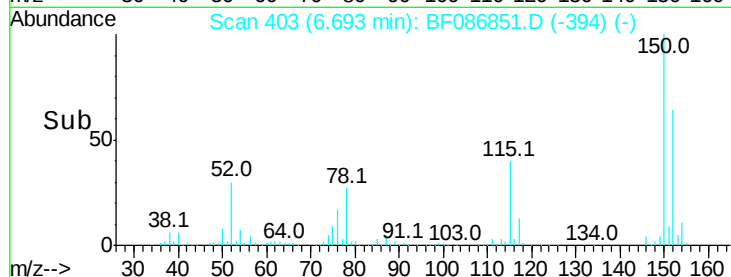
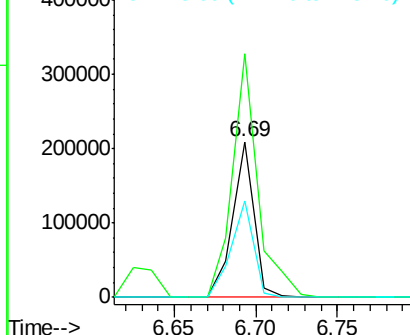
Tot Ion:	152	Resp:	187781
Ion Ratio	Lower	Upper	
152	100		
150	156.2	125.8	188.6
115	62.0	51.5	77.3

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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: 38.68 ng

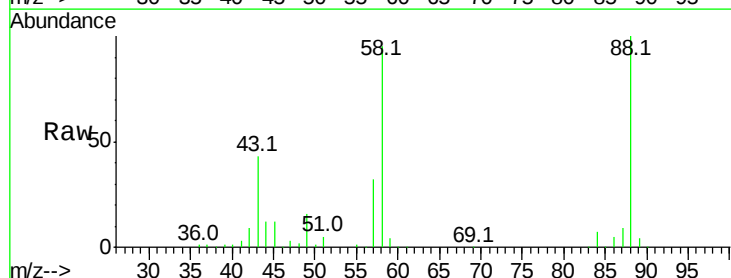
RT: 2.18 min Scan# 8

Delta R.T. 0.00 min

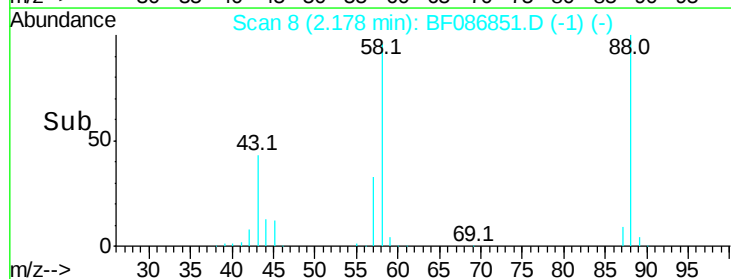
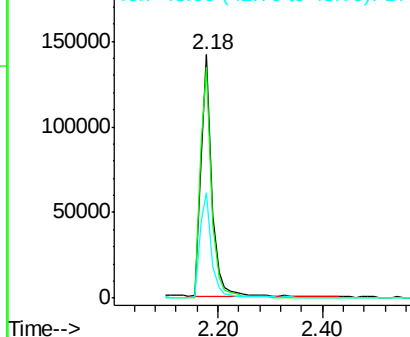
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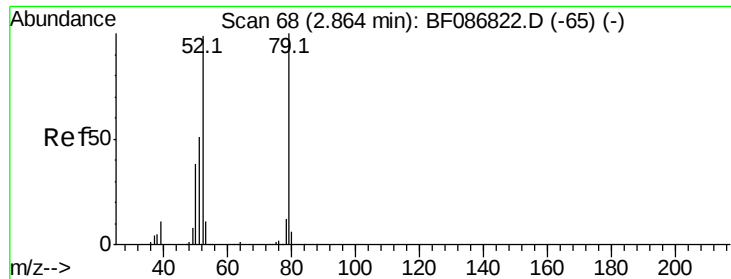
Acq: 10 May 2016 5:42

Tgt Ion:	88	Resp:	210540
Ion Ratio	Lower	Upper	
88	100		
58	96.6	59.6	89.4#
43	44.3	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

Pvridine

Concen: 37.77 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

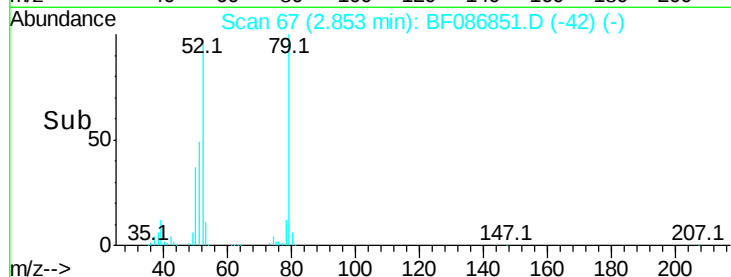
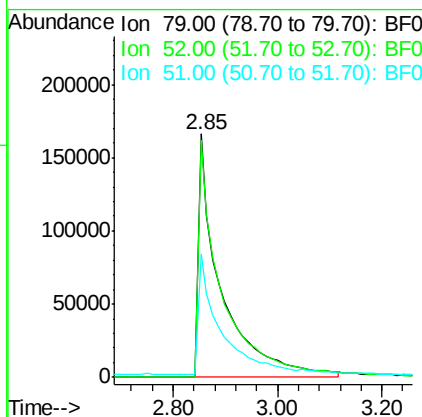
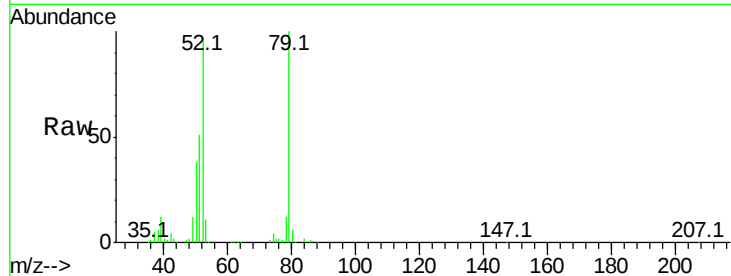
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	79	Resp:	502624
Ion Ratio	Lower	Upper	
79	100		
52	97.4	55.9	83.9#
51	50.6	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 40.27 ng

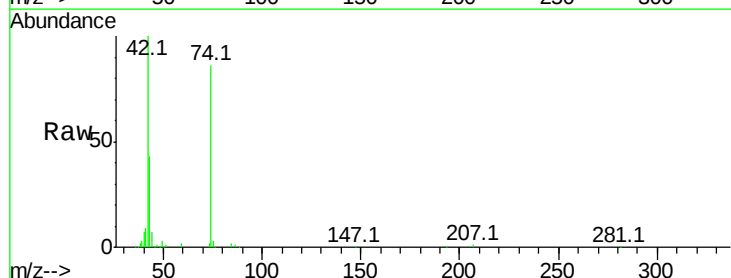
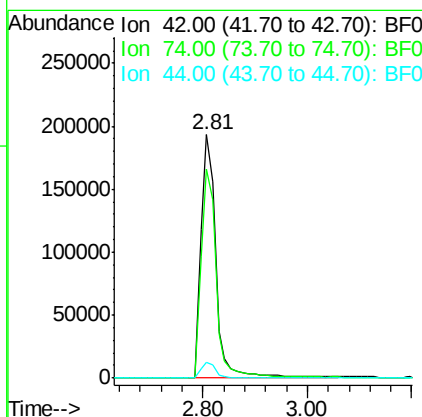
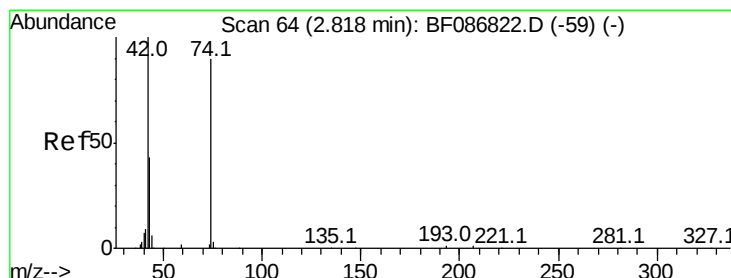
RT: 2.81 min Scan# 63

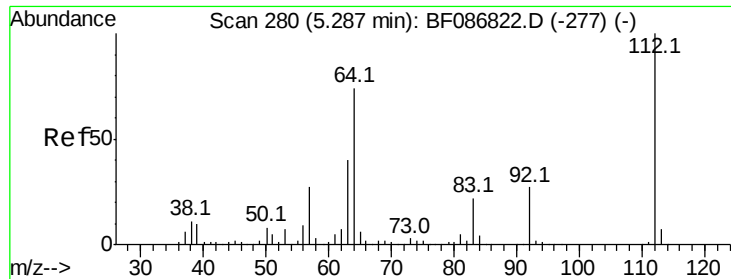
Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:	42	Resp:	388665
Ion Ratio	Lower	Upper	
42	100		
74	85.8	123.4	185.0#
44	6.7	5.8	8.6





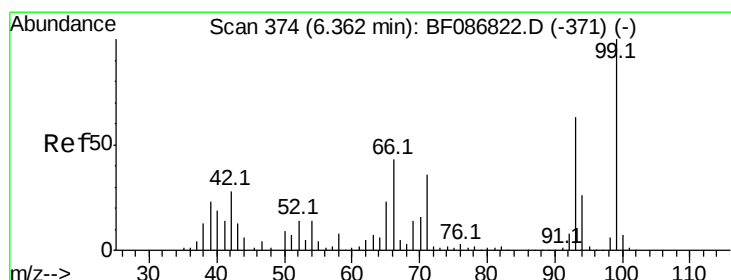
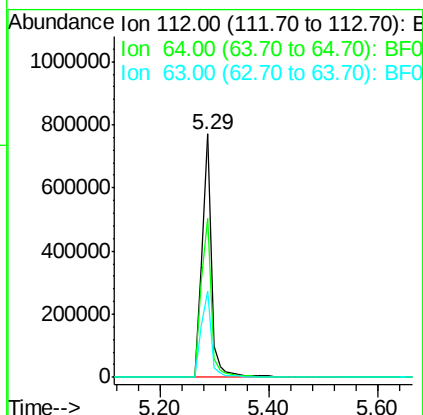
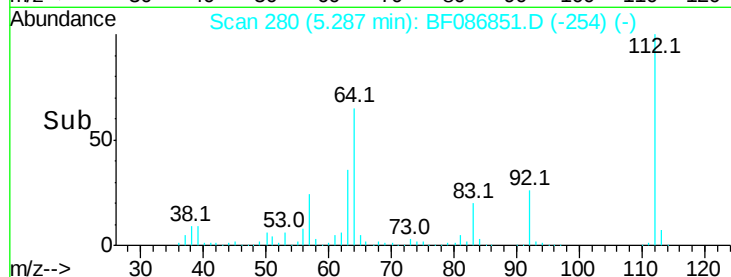
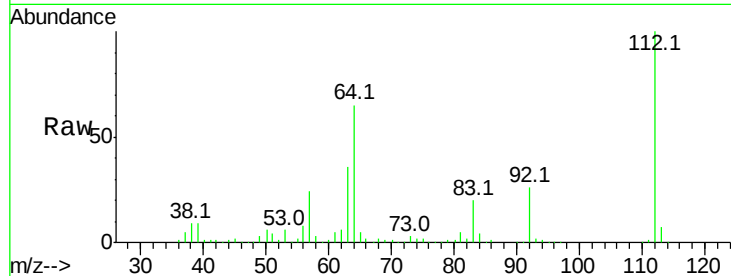
#5
2-Fluorophenol
Concen: 83.06 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	65.2	52.1	78.1
63	35.5	25.7	38.5

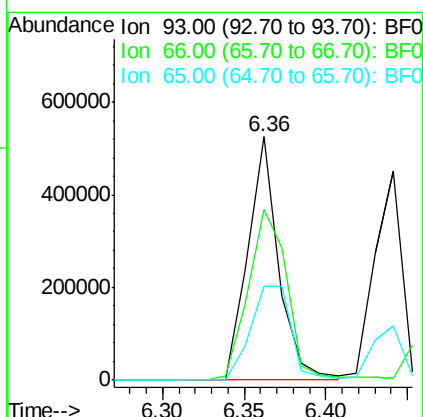
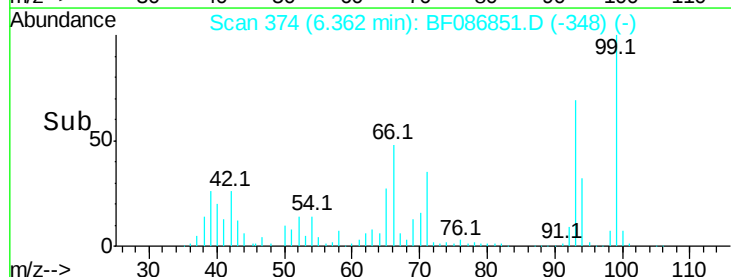
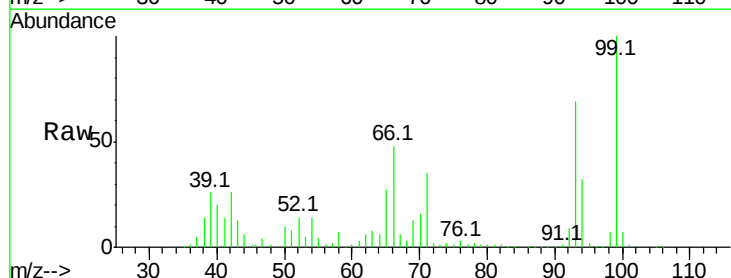
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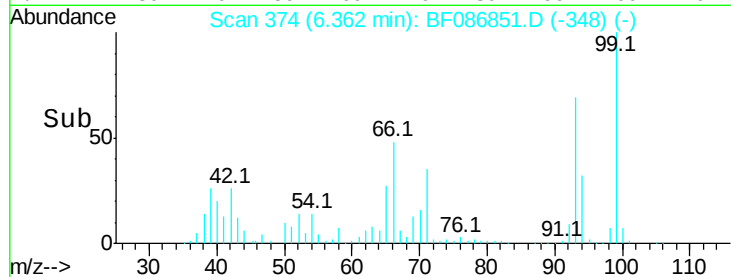
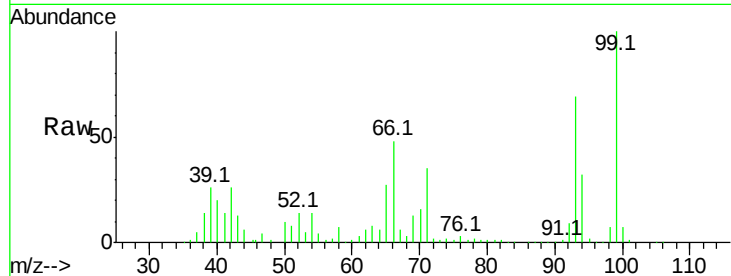
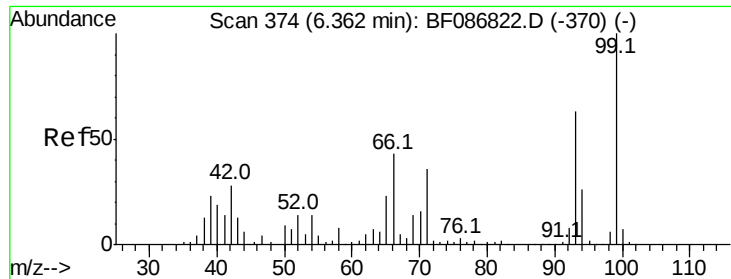
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#6
Aniline
Concen: 38.23 ng
RT: 6.36 min Scan# 374
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	70.0	39.0	58.6#
65	38.7	20.6	31.0#





#7

Phenol-d6

Concen: 76.31 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tot Ion: 99 Resp: 1130848

Ion Ratio Lower Upper

99 100

42 26.1 13.6 20.4#

71 35.4 24.6 36.8

Instrument :

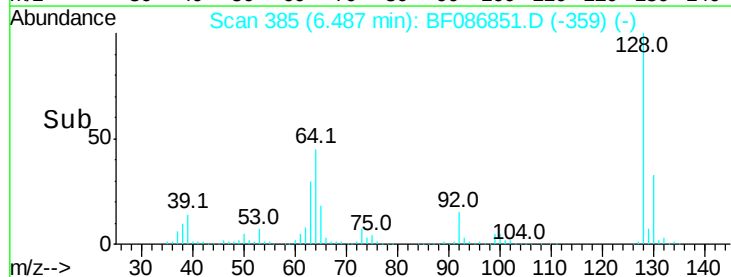
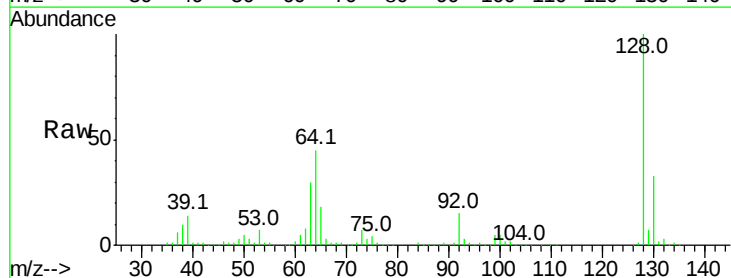
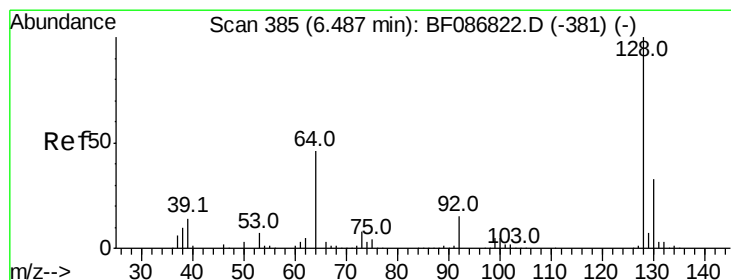
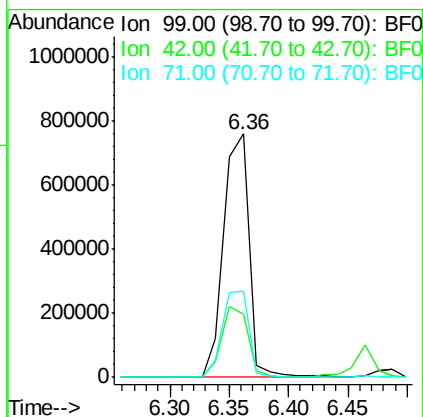
BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.73 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

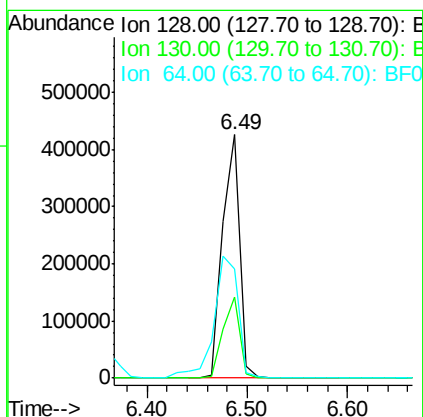
Tgt Ion:128 Resp: 504790

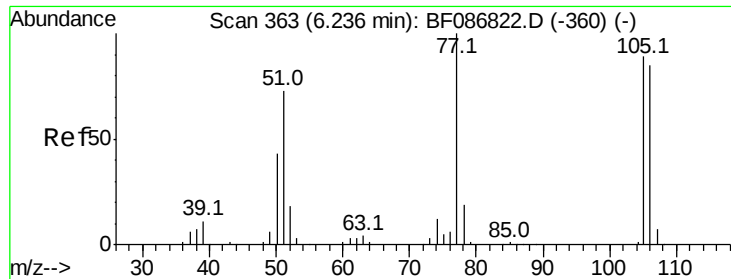
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 44.6 27.3 67.3





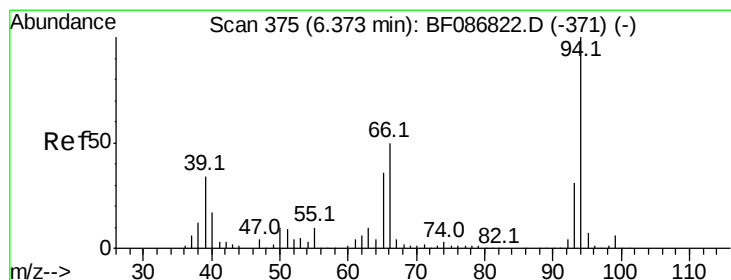
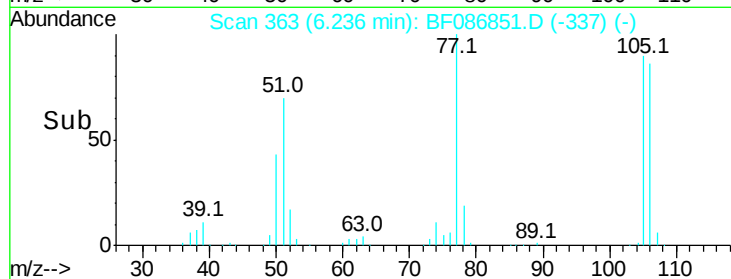
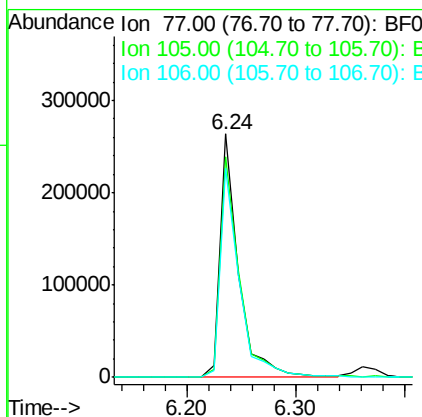
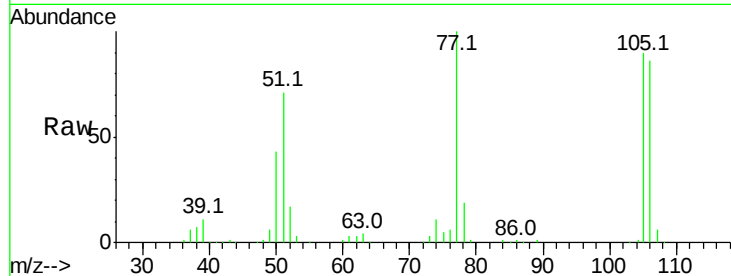
#9
Benzaldehyde
Concen: 36.58 ng
RT: 6.24 min Scan# 363
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.4	72.7	112.7
106	86.0	70.8	110.8

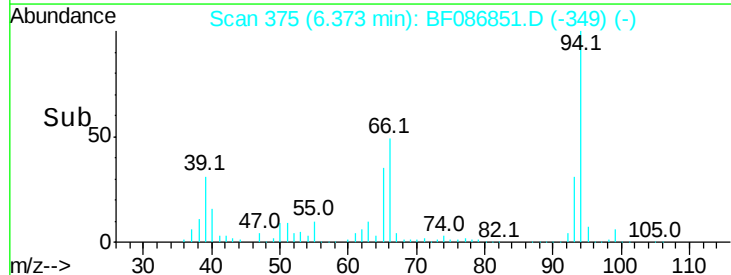
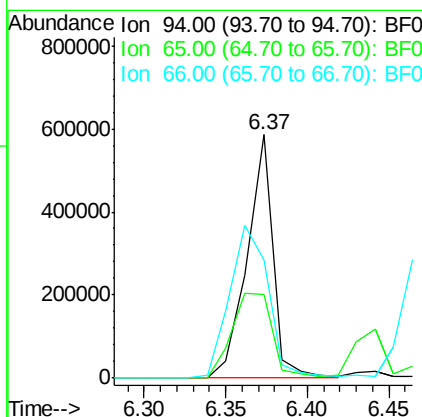
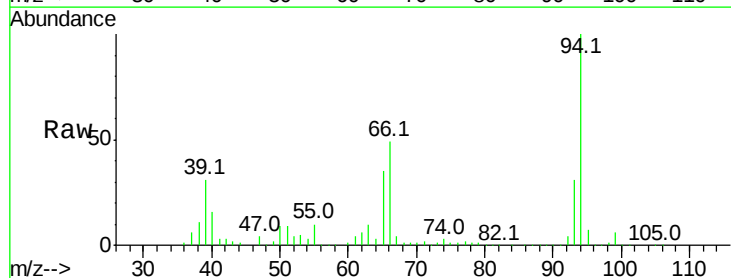
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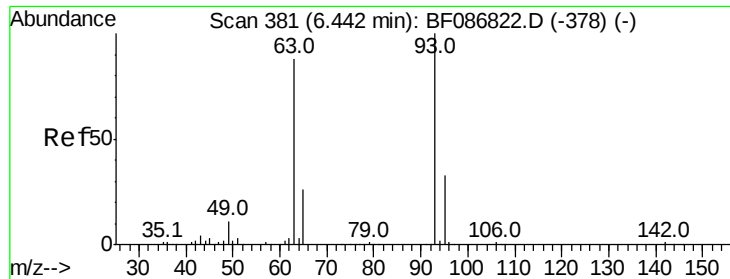
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#10
Phenol
Concen: 36.86 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	7.2	47.2
66	48.7	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.42 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

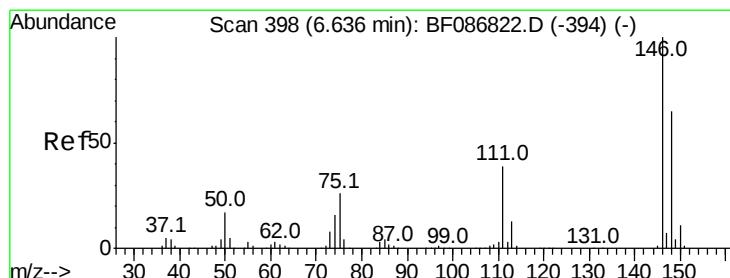
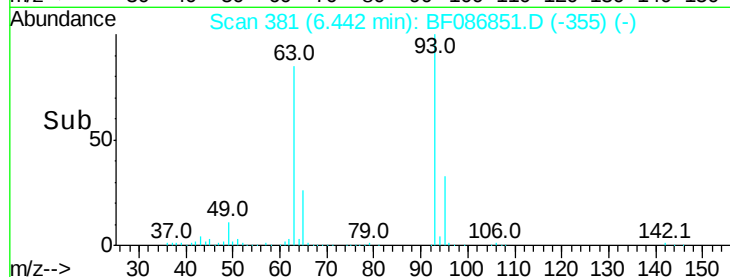
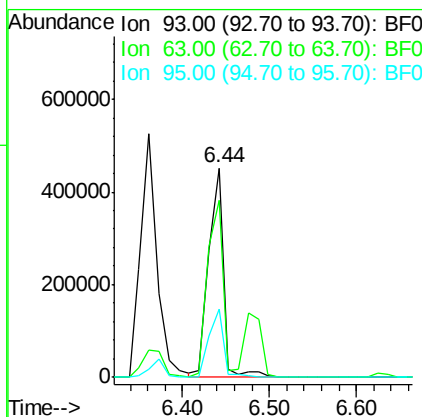
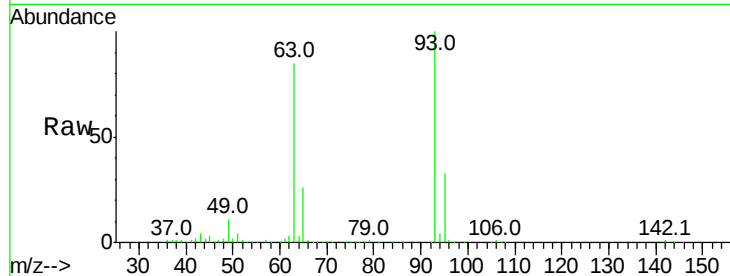
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	541381
Ion Ratio	Lower	Upper	
93	100		
63	84.8	58.0	98.0
95	32.7	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 36.98 ng

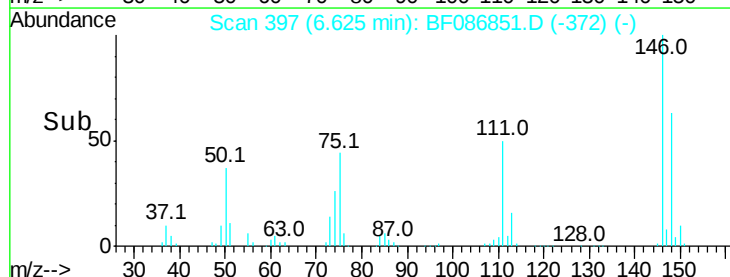
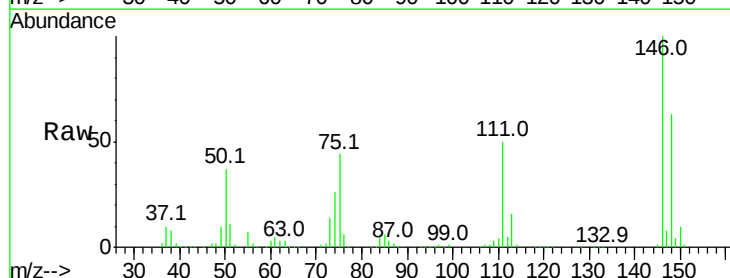
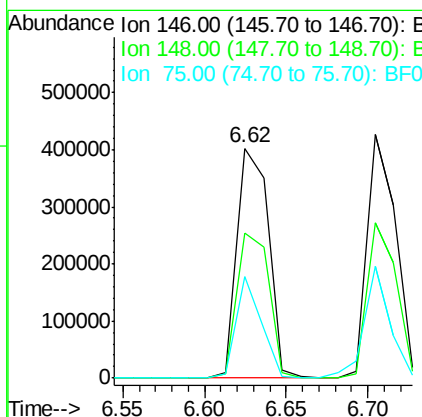
RT: 6.62 min Scan# 397

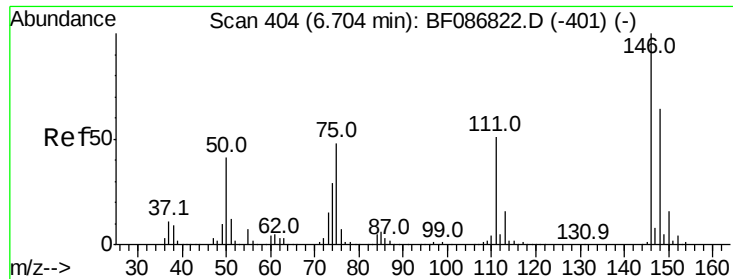
Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:	146	Resp:	535457
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.4	78.6
75	44.1	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 35.94 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

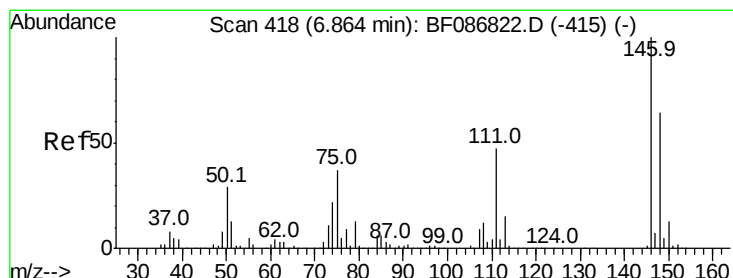
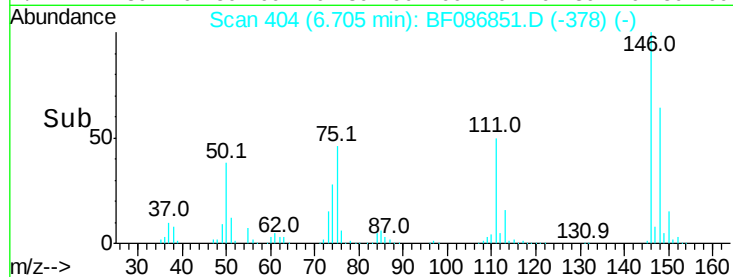
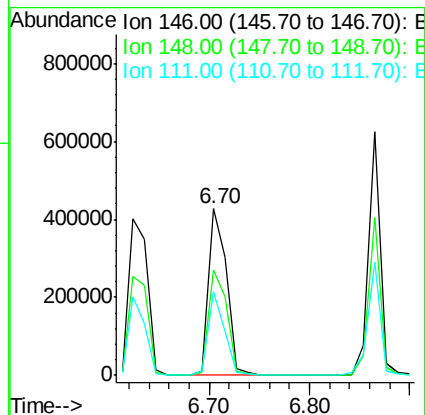
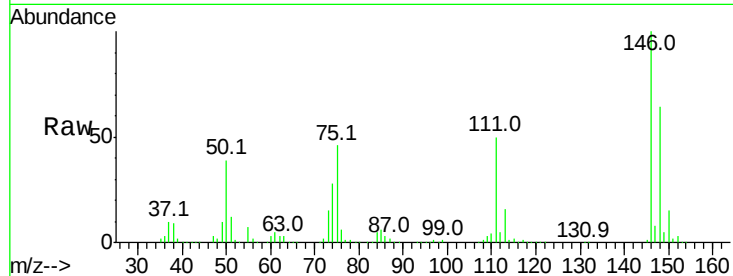
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	530722		
148	63.6	52.2	78.4	
111	50.4	30.7	46.1	

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#14

1,2-Dichlorobenzene

Concen: 40.01 ng

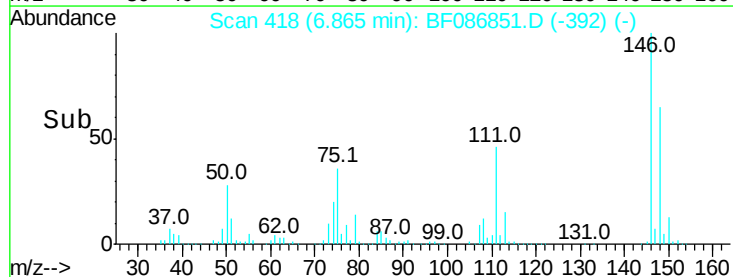
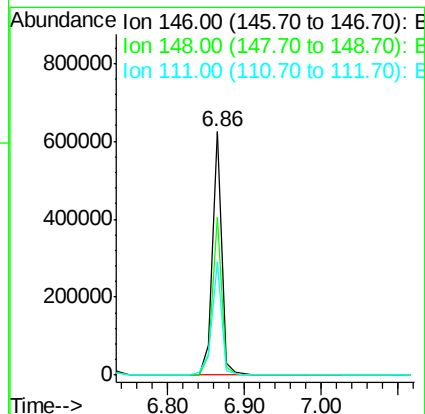
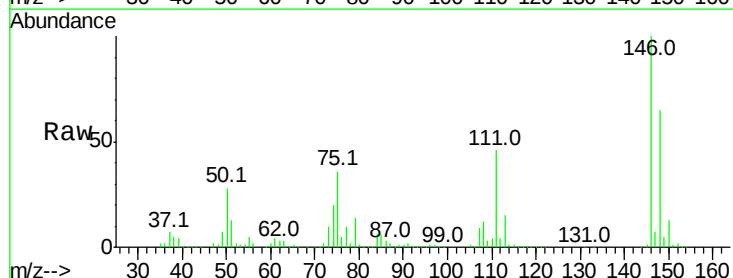
RT: 6.86 min Scan# 418

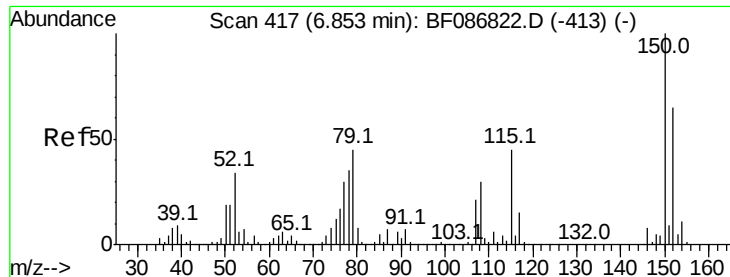
Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	514893		
148	65.0	51.0	76.6	
111	46.4	36.2	54.4	





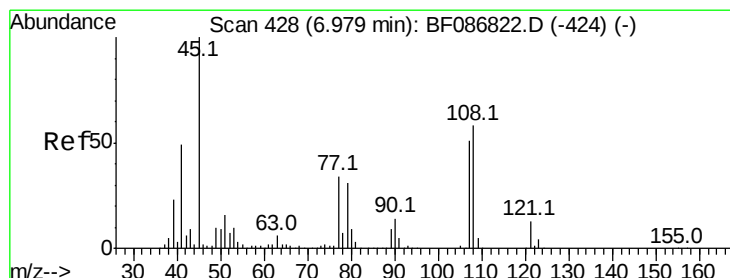
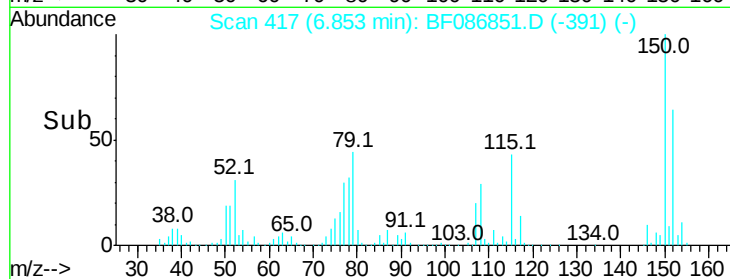
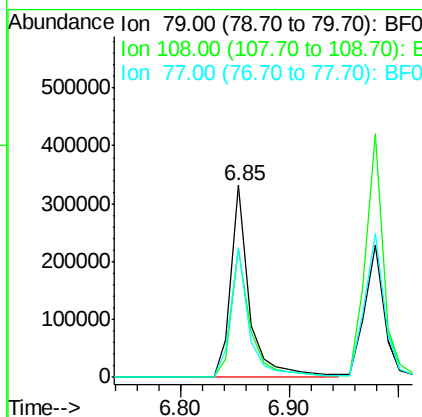
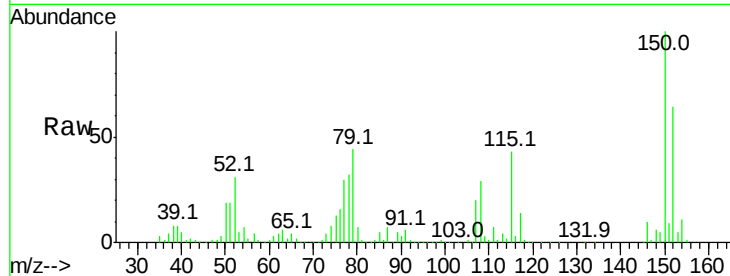
#15
Benzyl Alcohol
Concen: 38.71 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.0	68.4	102.6#
77	67.6	50.6	76.0

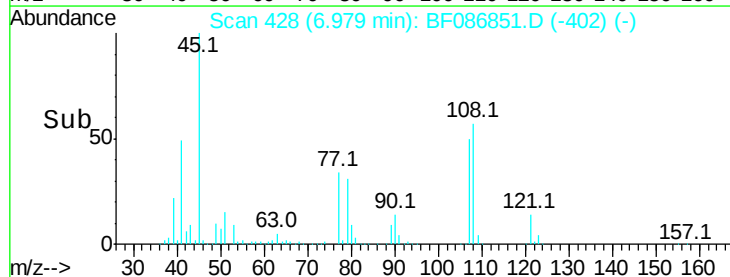
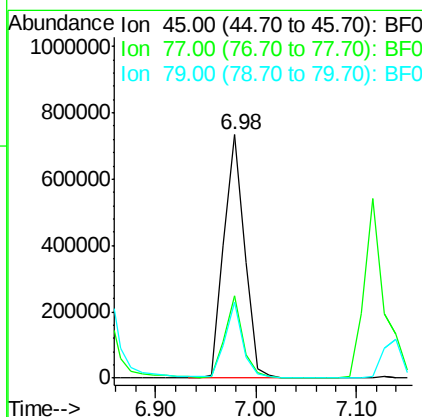
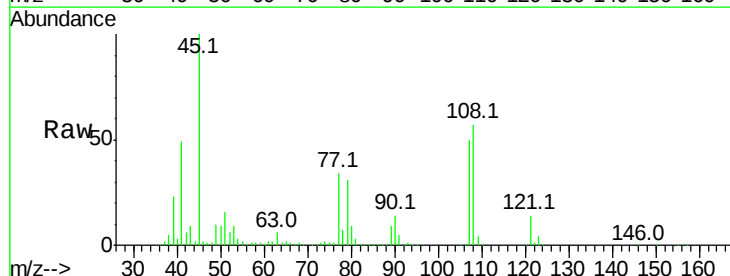
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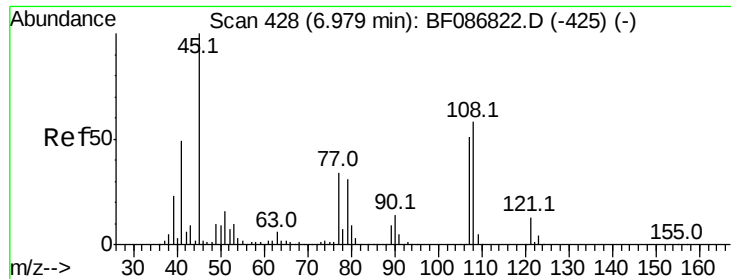
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.19 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.0	0.0	36.4
79	31.2	0.0	33.4





#17

2-Methylphenol

Concen: 39.31 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

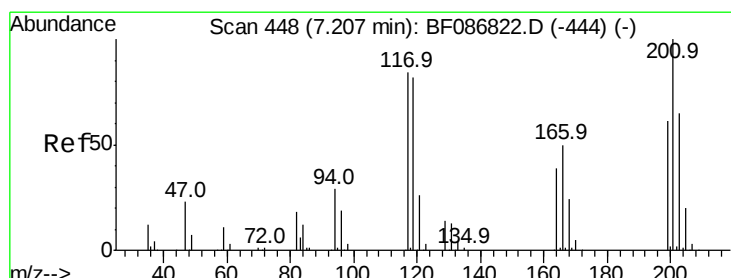
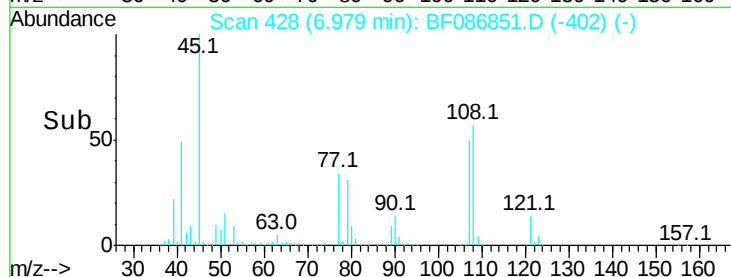
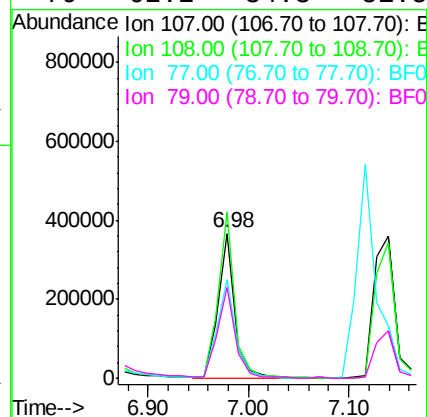
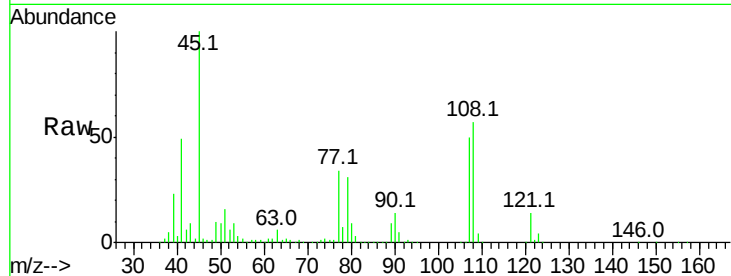
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	93.7	140.5	
77	67.7	33.4	50.0	
79	62.2	34.3	51.5	

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#18

Hexachloroethane

Concen: 36.13 ng

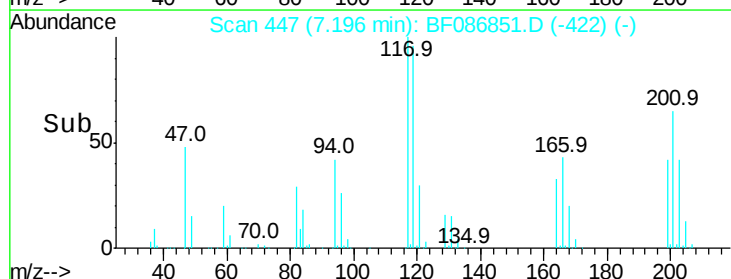
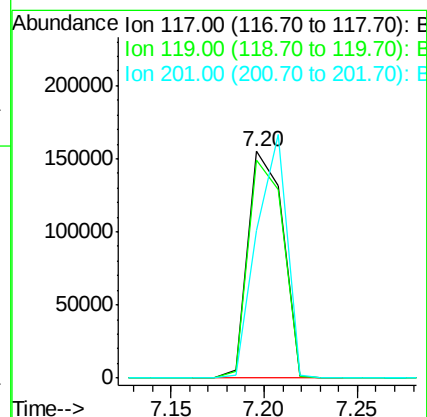
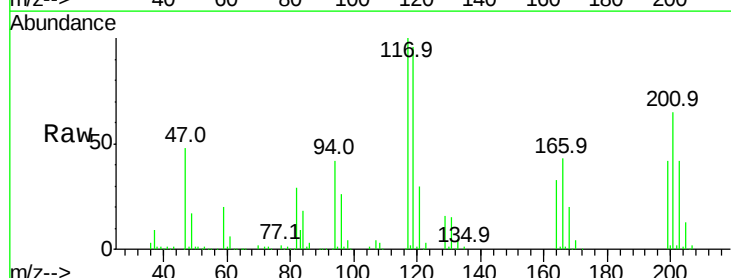
RT: 7.20 min Scan# 447

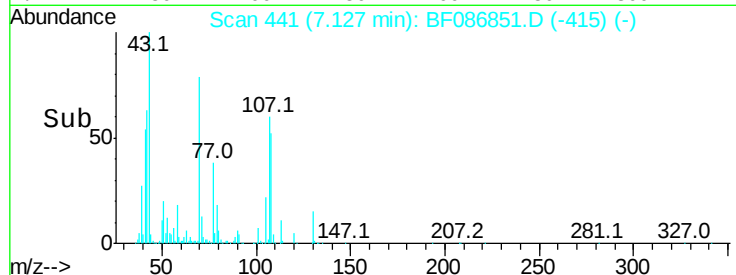
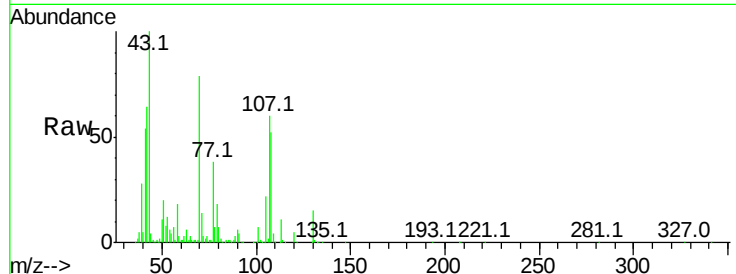
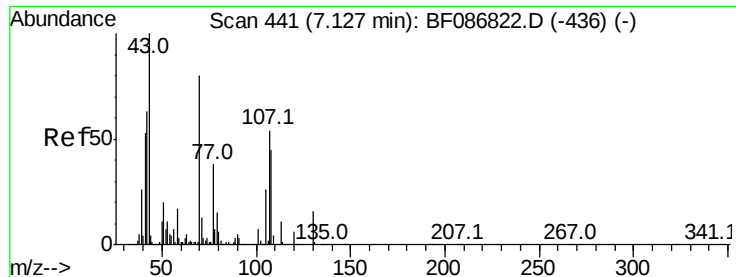
Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	76.5	114.7	
201	65.4	63.0	94.6	





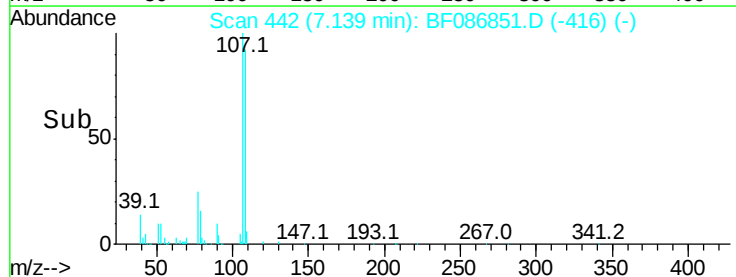
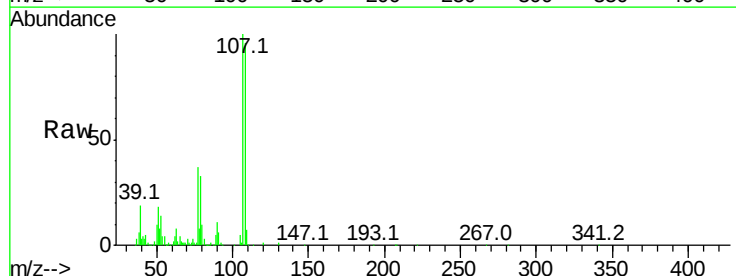
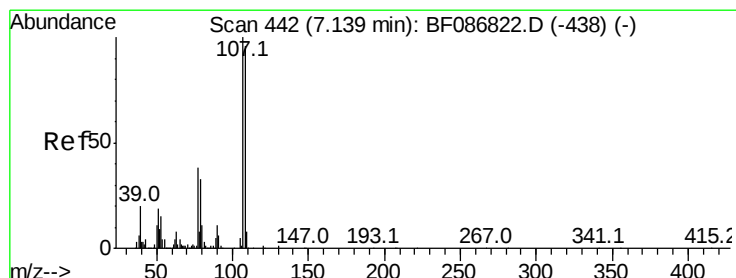
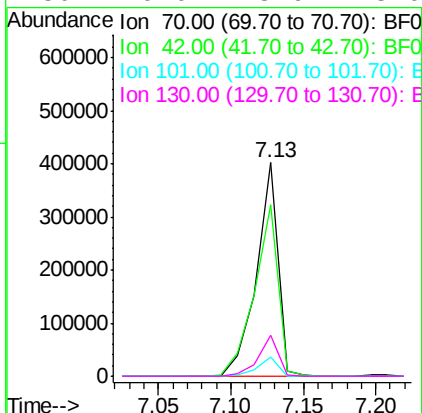
#19
n-Nitroso-di-n-propylamine
Concen: 40.17 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	80.6	43.1	64.7#	
101	9.2	8.1	12.1	
130	19.0	18.6	28.0	

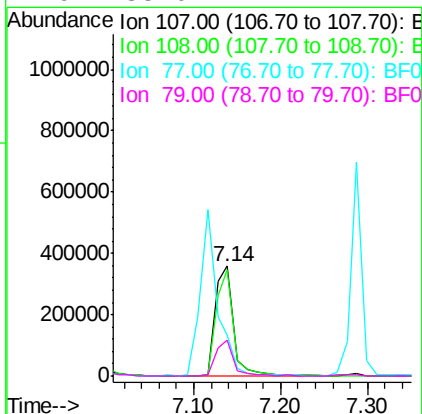
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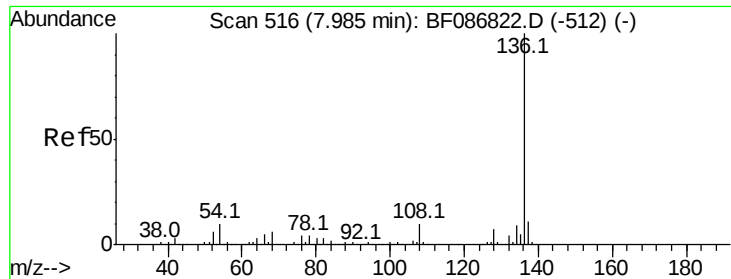
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#20
3+4-Methylphenols
Concen: 38.37 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.2	68.5	108.5	
77	37.0	101.6	141.6#	
79	33.0	7.4	47.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

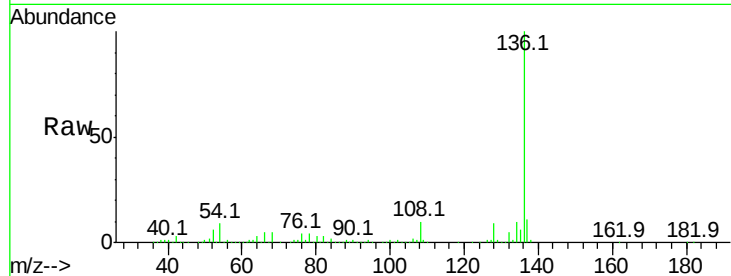
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	777294		
137	11.0	8.8	13.2	
54	9.3	5.0	7.4#	
68	5.3	4.4	6.6	

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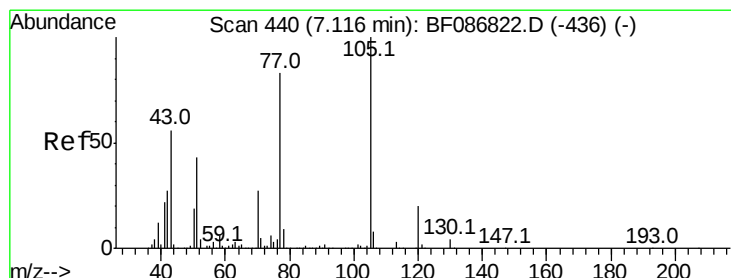
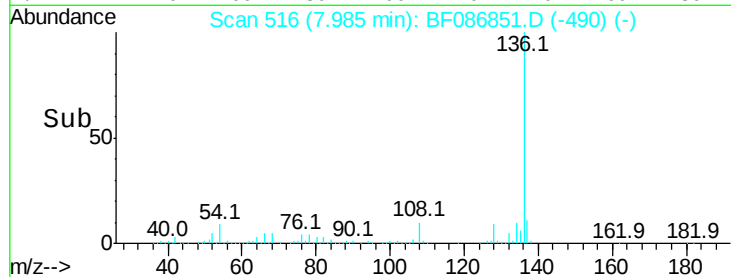
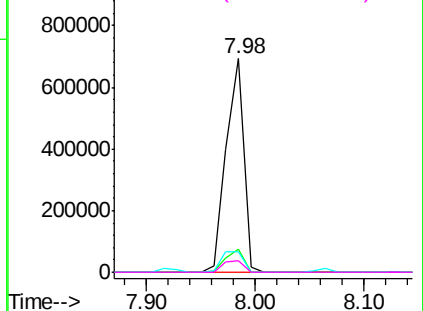
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.91 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	695980		
71	3.8	4.8	7.2#	
51	41.7	32.6	49.0	
120	20.6	16.5	24.7	

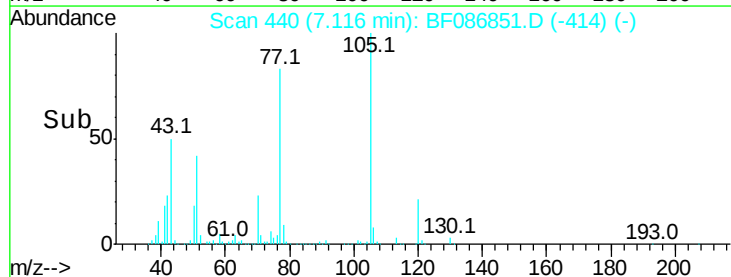
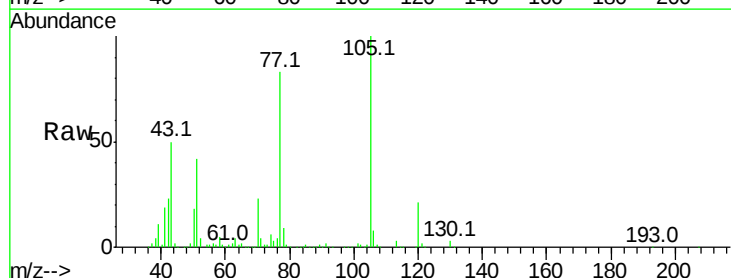
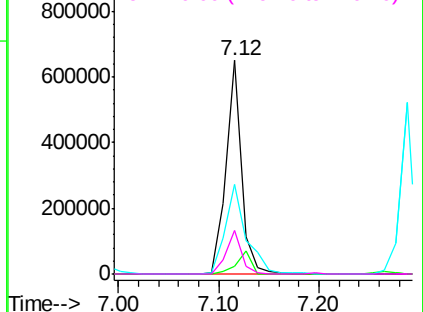
Abundance

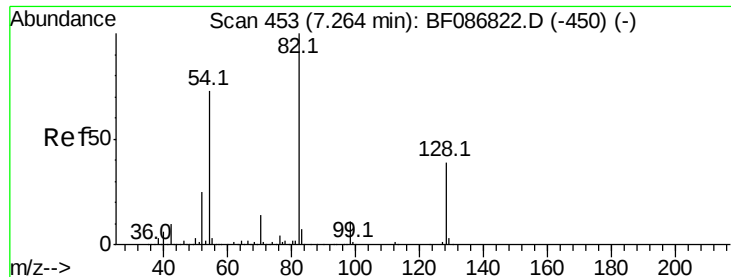
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.91 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1190539

Ion Ratio Lower Upper

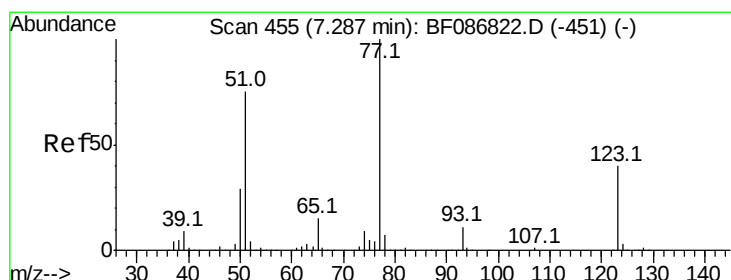
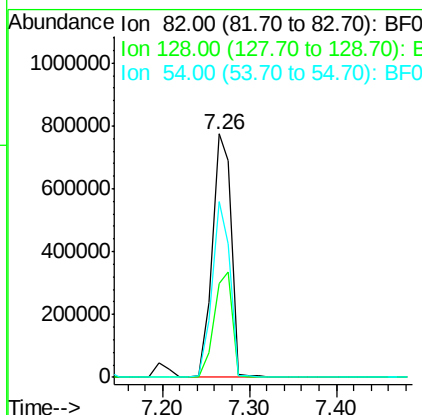
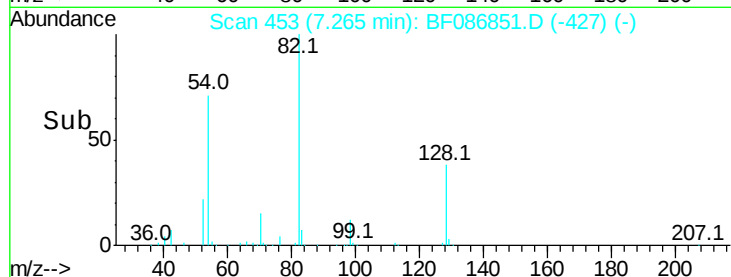
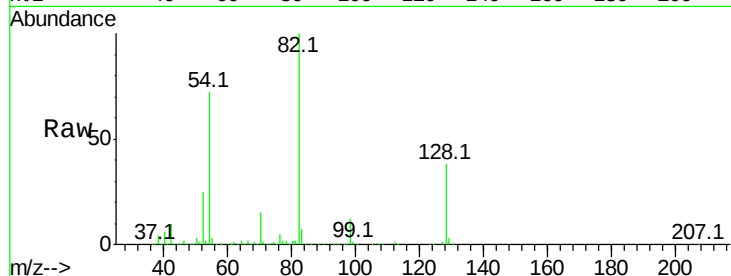
82 100

128 38.4 40.6 61.0#

54 72.0 38.1 57.1#

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#24

Nitrobenzene

Concen: 37.65 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

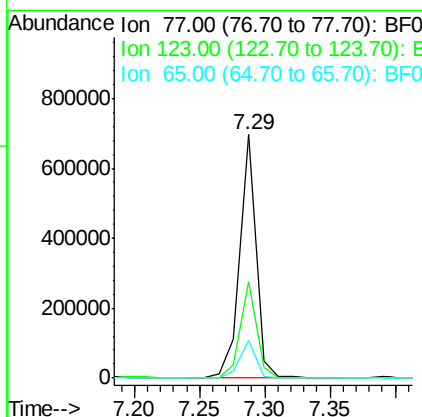
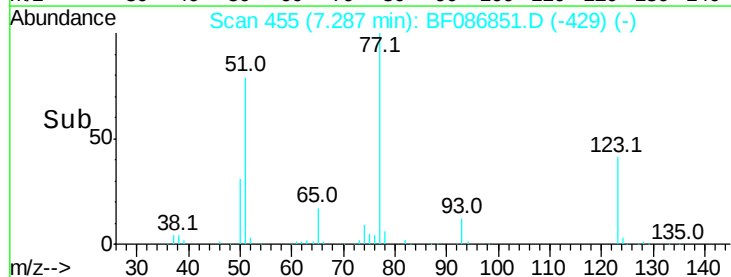
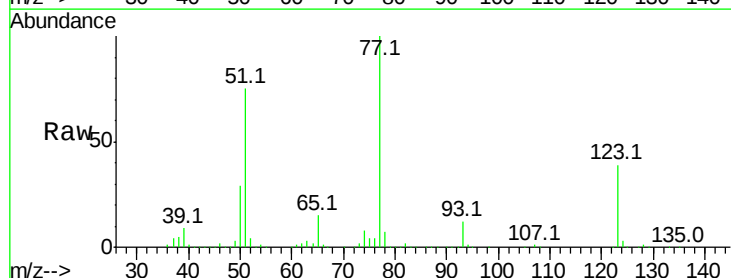
Tgt Ion: 77 Resp: 599467

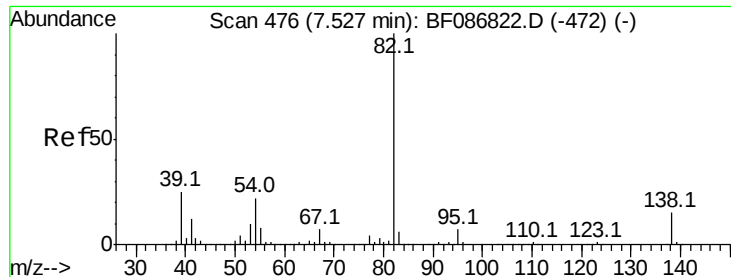
Ion Ratio Lower Upper

77 100

123 39.5 33.0 49.4

65 15.5 10.8 16.2





#25

Isophorone

Concen: 36.81 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1057342

Ion Ratio Lower Upper

82 100

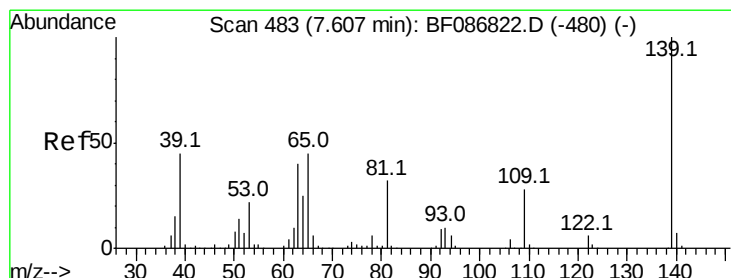
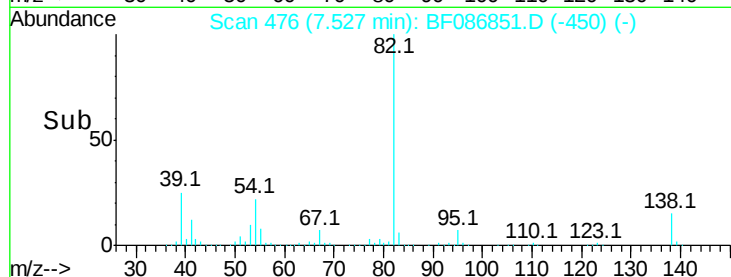
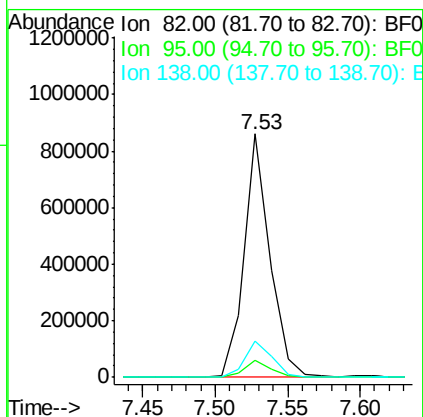
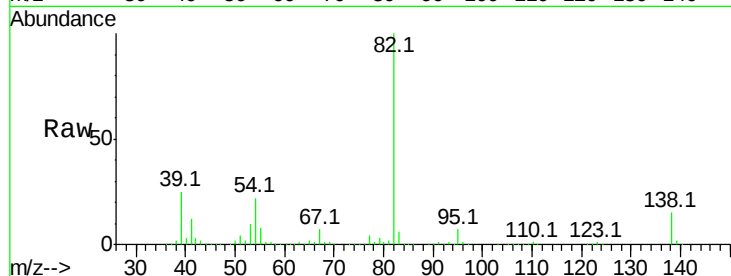
95 6.9 5.1 7.7

138 15.1 12.4 18.6

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#26

2-Nitrophenol

Concen: 40.88 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

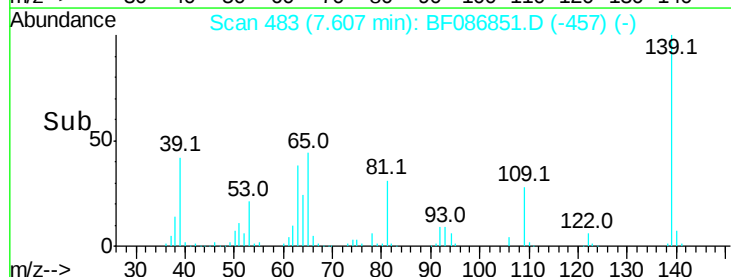
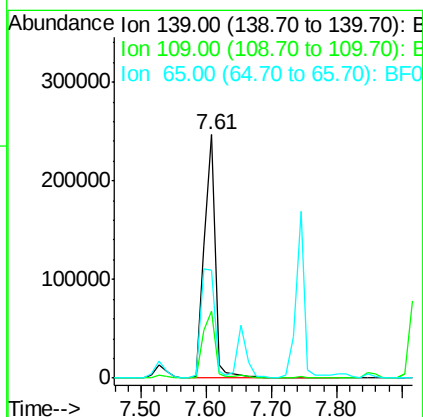
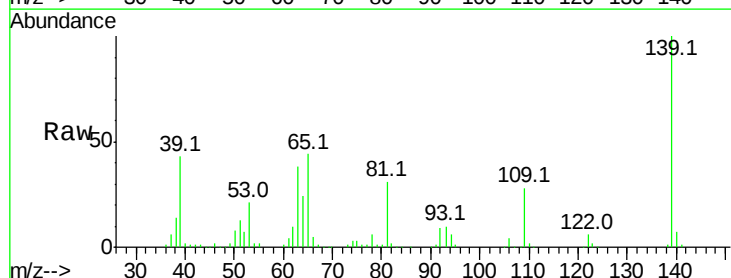
Tgt Ion: 139 Resp: 286110

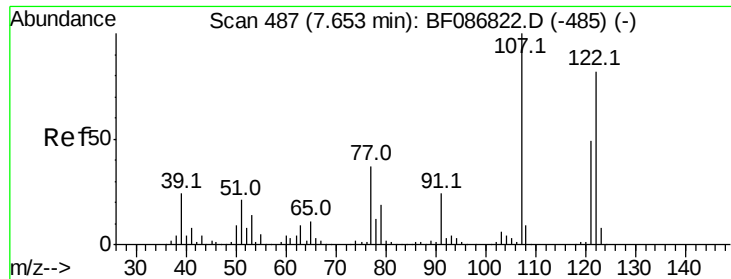
Ion Ratio Lower Upper

139 100

109 27.6 19.5 29.3

65 44.2 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 34.55 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

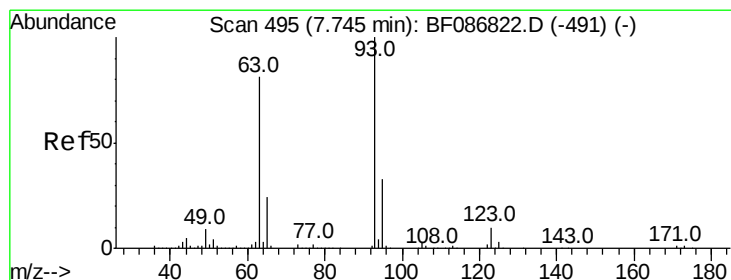
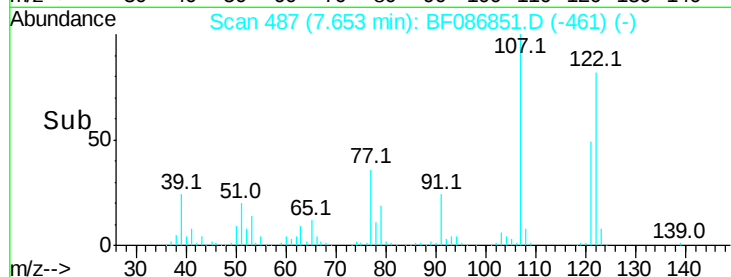
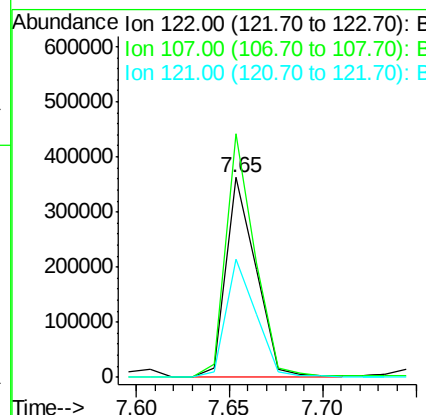
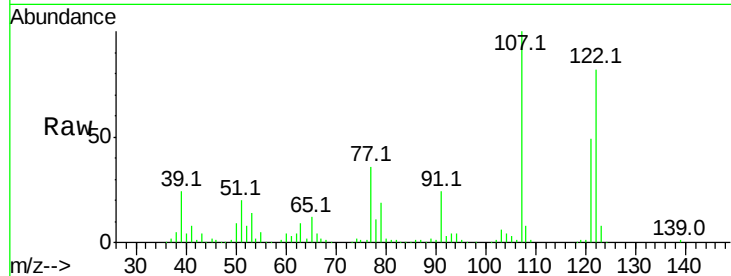
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	411904
Ion Ratio	Lower	Upper	
122	100		
107	121.8	82.0	123.0
121	59.3	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 40.09 ng

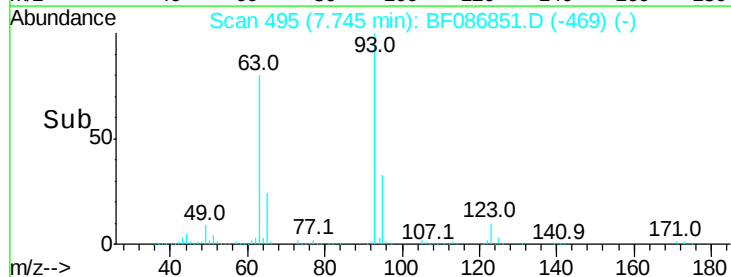
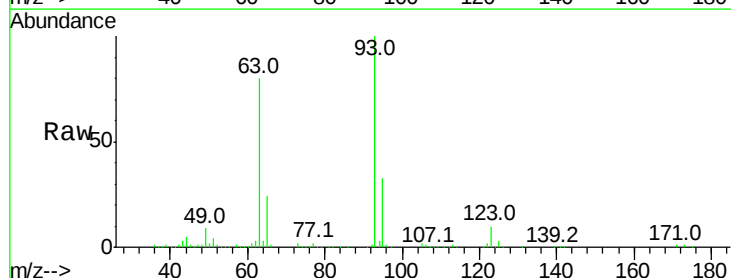
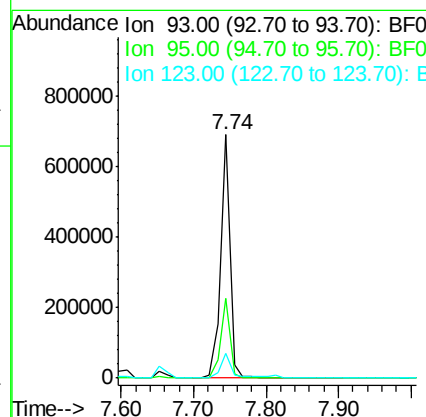
RT: 7.74 min Scan# 495

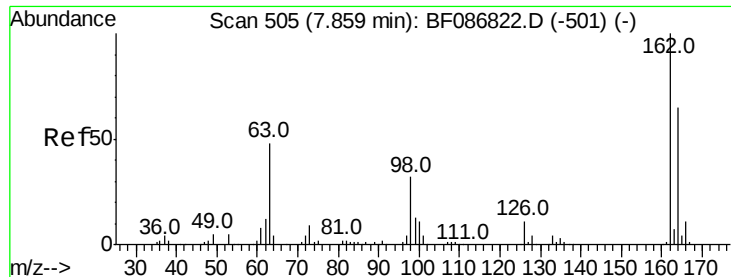
Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:	93	Resp:	621029
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	10.3	9.5	14.3





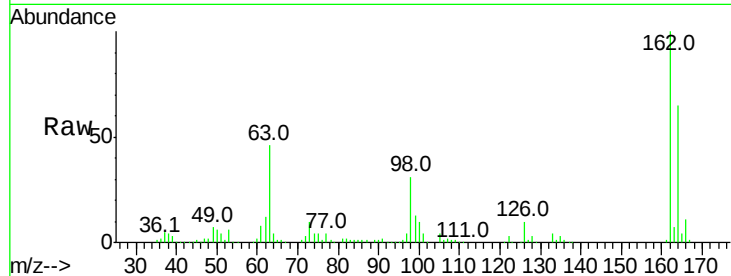
#29
 2,4-Dichlorophenol
 Concen: 37.99 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

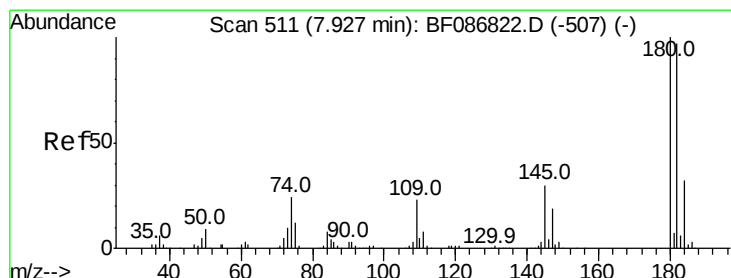
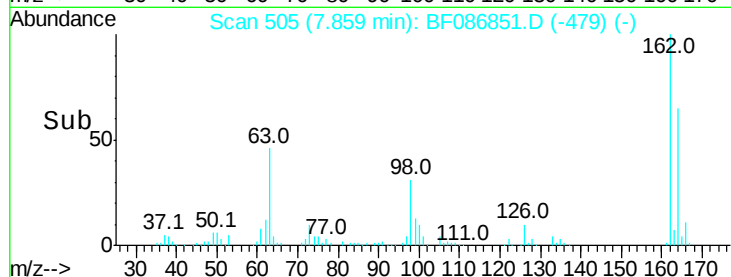
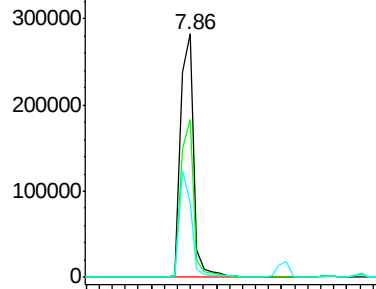
Tot Ion:	162	Resp:	398755
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.2	82.2
98	30.5	19.0	59.0

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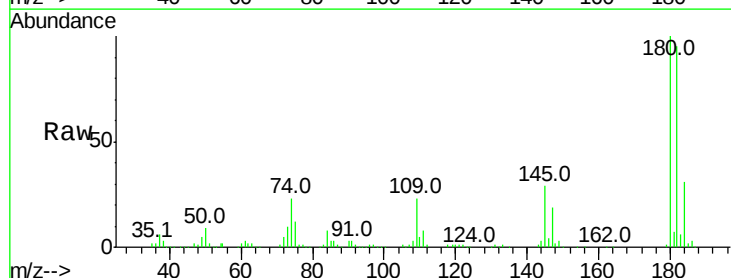


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

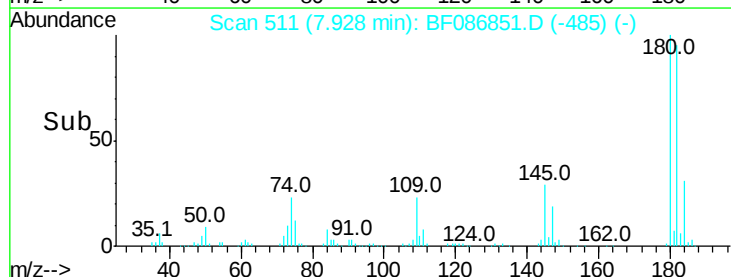
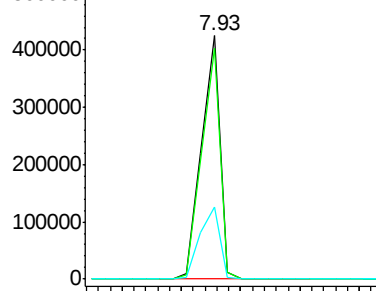


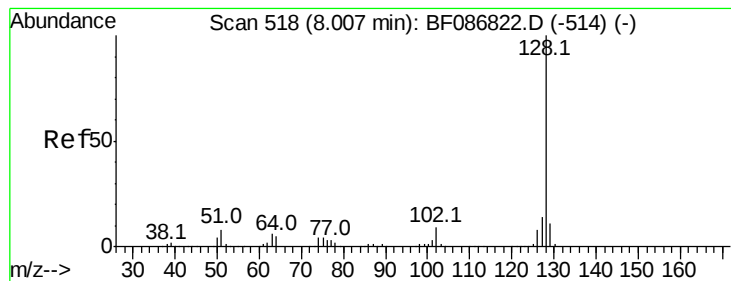
#30
 1,2,4-Trichlorobenzene
 Concen: 39.17 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion:	180	Resp:	459631
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.0	117.0
145	29.4	24.2	36.2



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





#31

Naphthalene

Concen: 37.33 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1453310

Ion Ratio Lower Upper

128 100

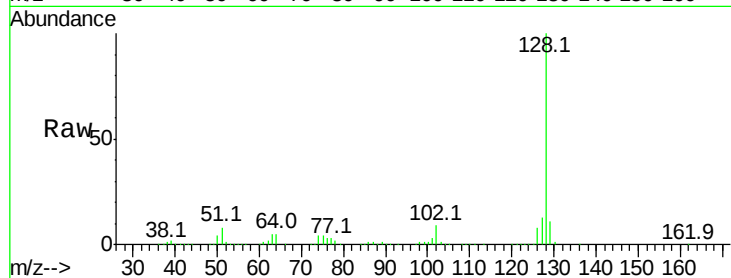
129 11.0 8.6 13.0

127 13.3 10.8 16.2

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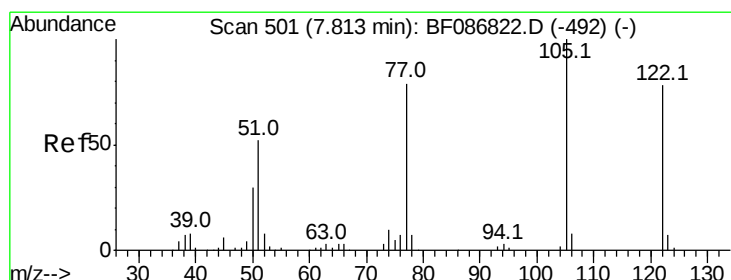
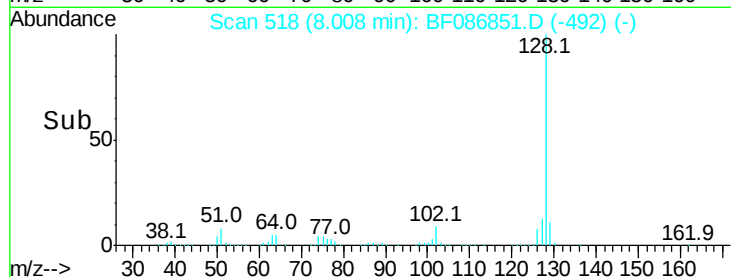
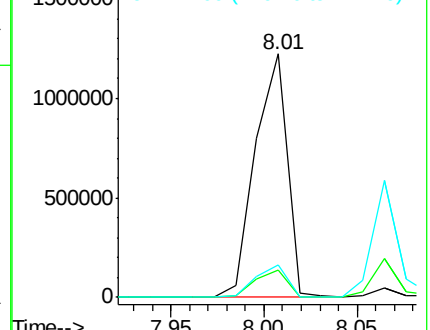
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.18 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

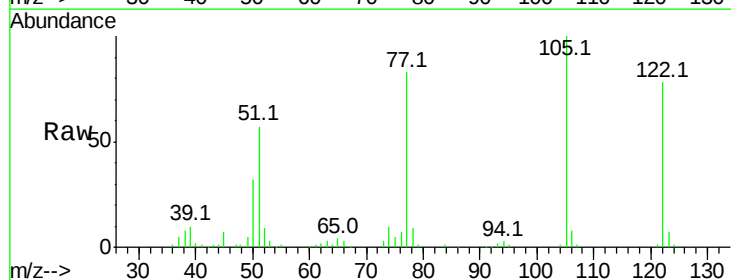
Tgt Ion:122 Resp: 253396

Ion Ratio Lower Upper

122 100

105 128.1 92.6 132.6

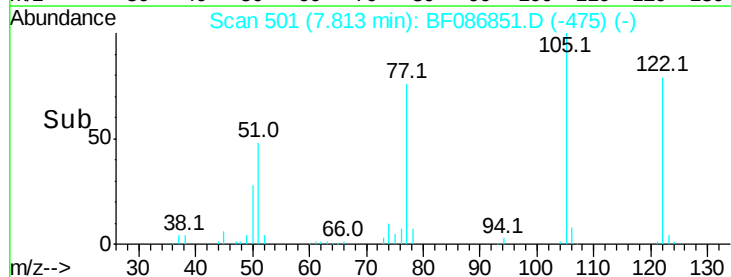
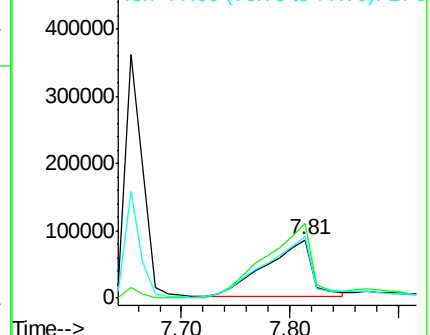
77 105.7 60.0 100.0#

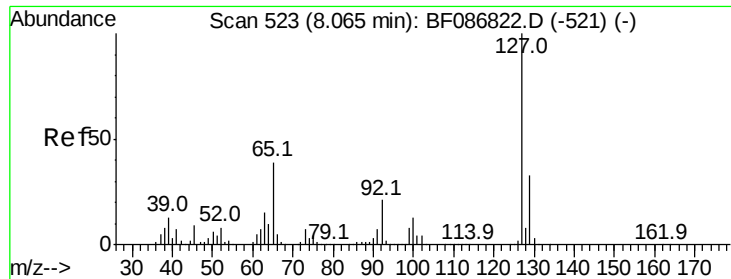


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





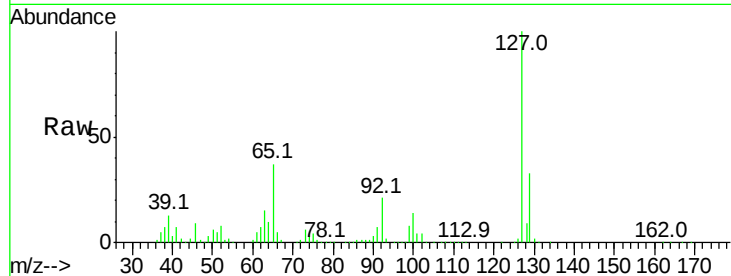
#33
4-Chloroaniline
Concen: 38.02 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

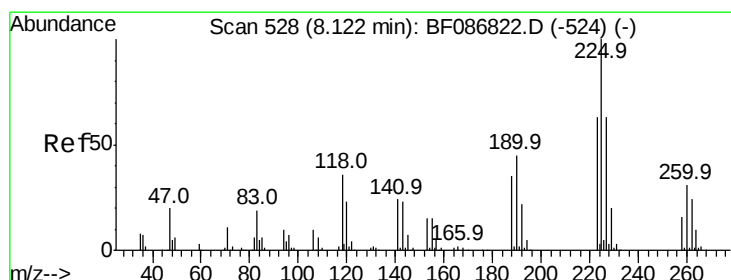
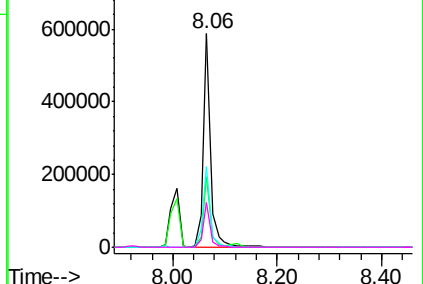
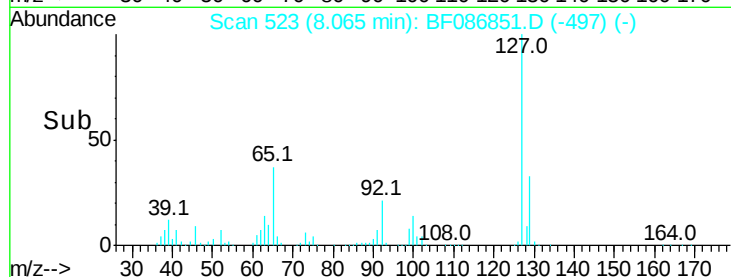
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.2	39.4	
65	37.5	23.0	34.4	
92	21.1	15.1	22.7	

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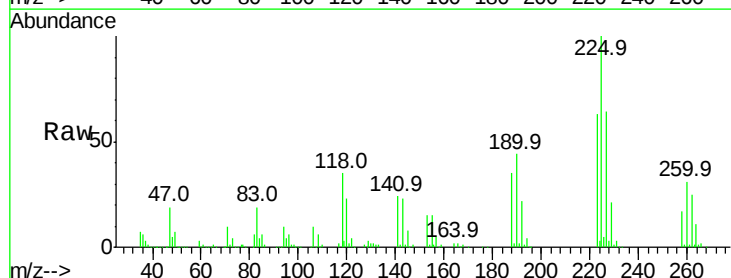


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

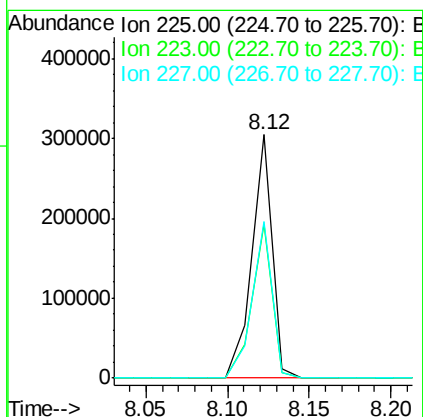
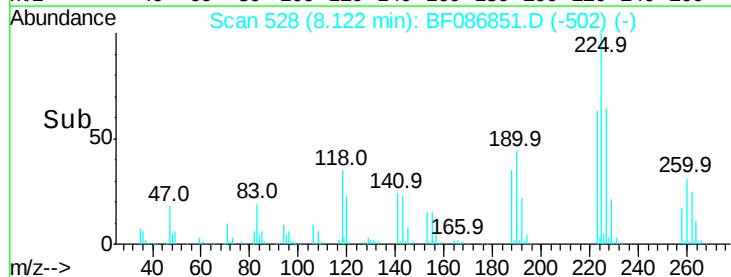


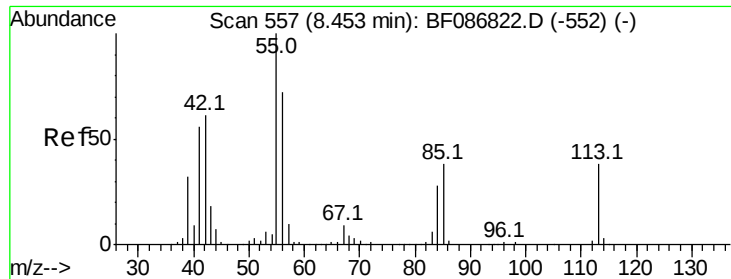
#34
Hexachlorobutadiene
Concen: 38.58 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	51.5	77.3	
227	64.2	52.2	78.2	



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





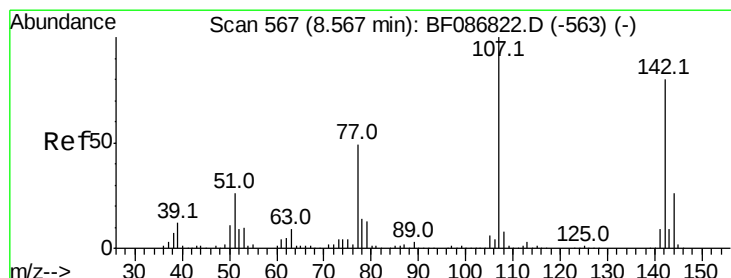
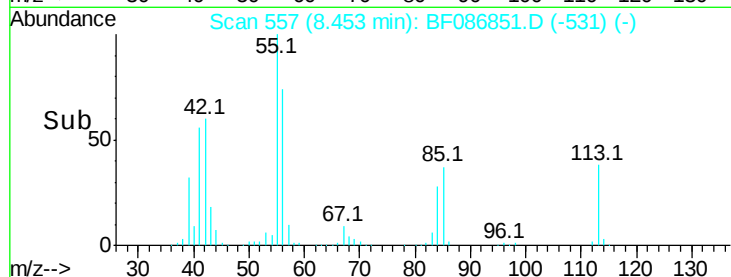
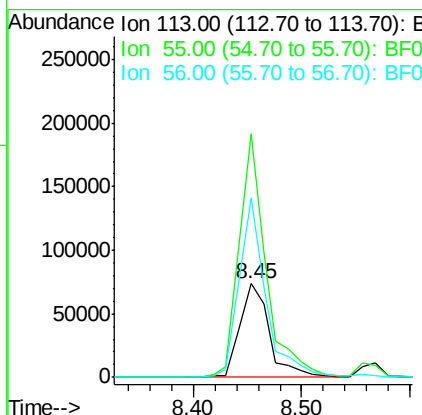
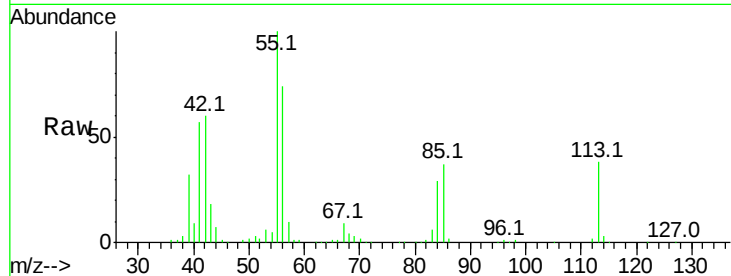
#35
 Caprolactam
 Concen: 38.52 ng
 RT: 8.45 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	260.8	162.0	202.0#	
56	192.6	115.3	155.3#	

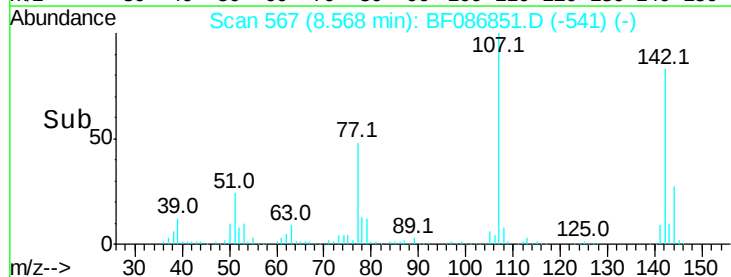
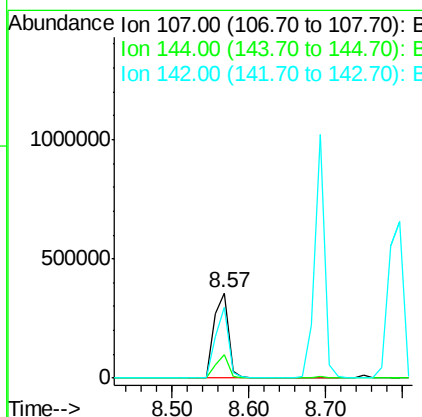
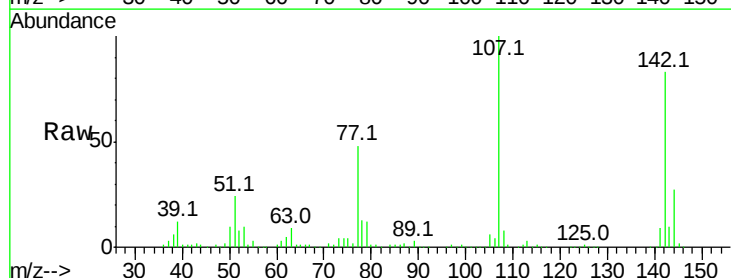
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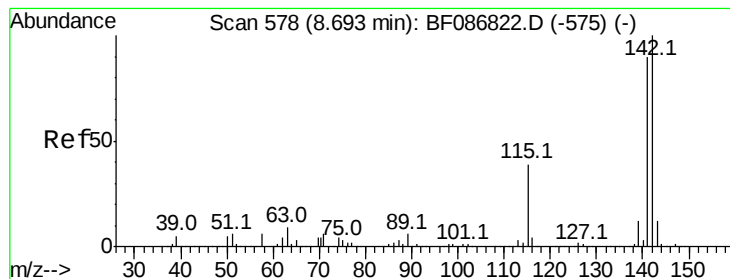
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#36
 4-Chloro-3-methylphenol
 Concen: 36.93 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.9	20.7	31.1	
142	83.3	63.2	94.8	





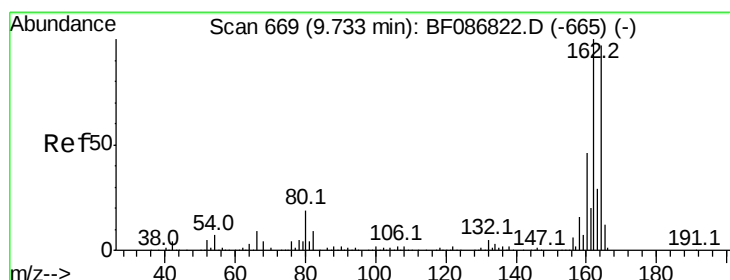
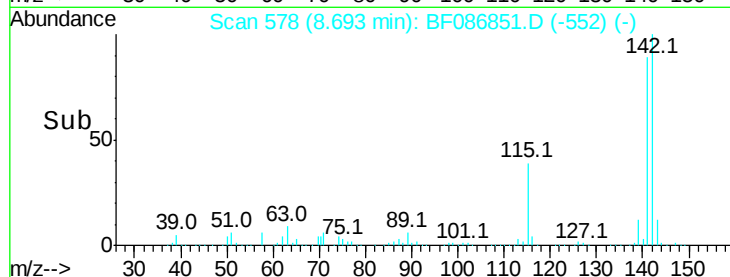
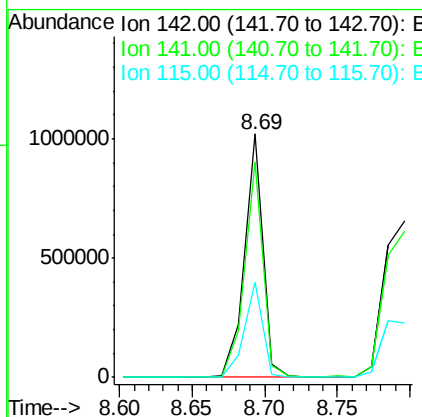
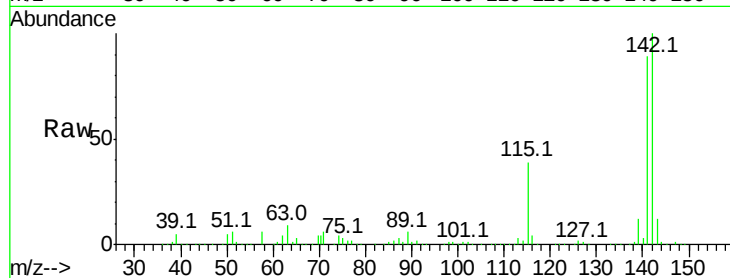
#37
2-Methylnaphthalene
Concen: 39.35 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	895697		
141	88.7		71.0	106.6
115	39.0		26.6	39.8

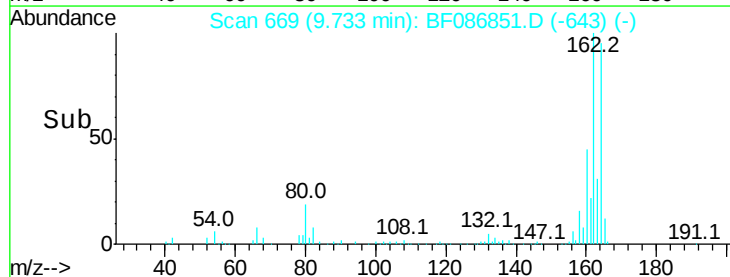
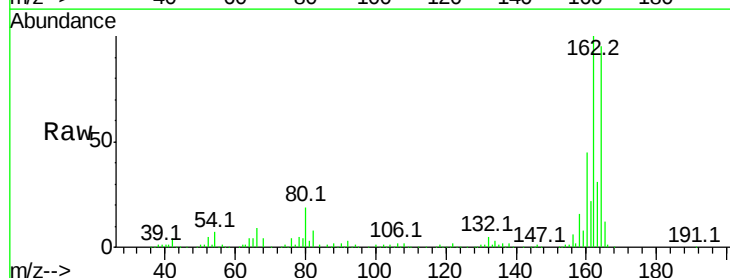
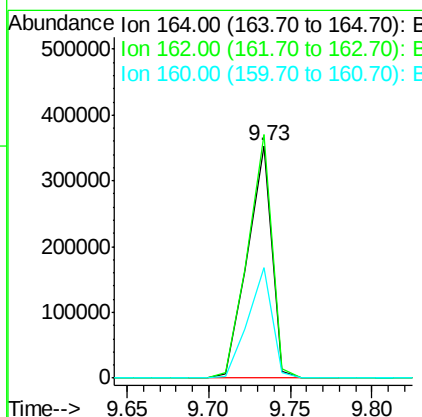
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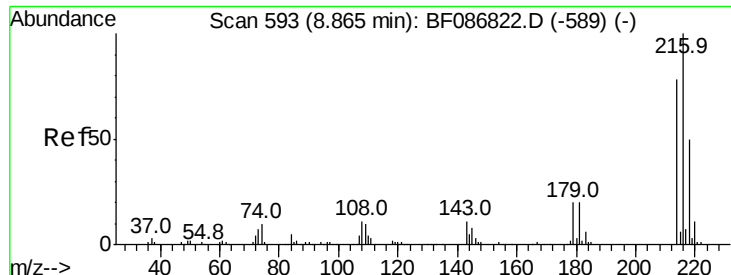
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	366051		
162	104.8		82.8	124.2
160	47.5		36.9	55.3





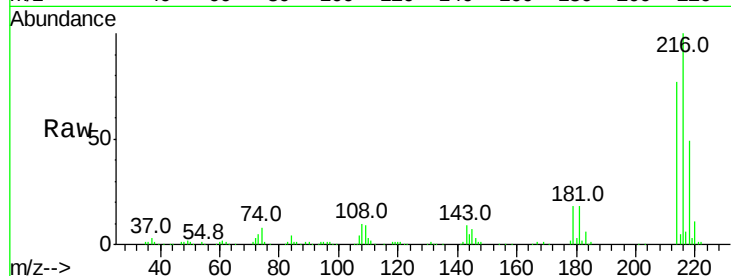
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.43 ng
 RT: 8.86 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

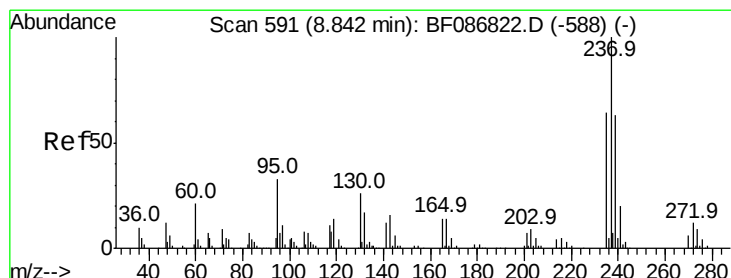
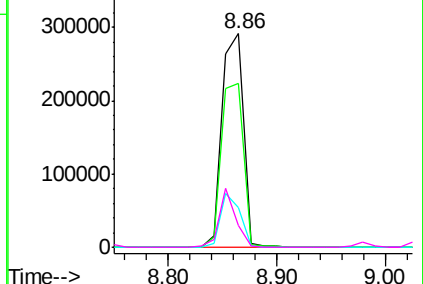
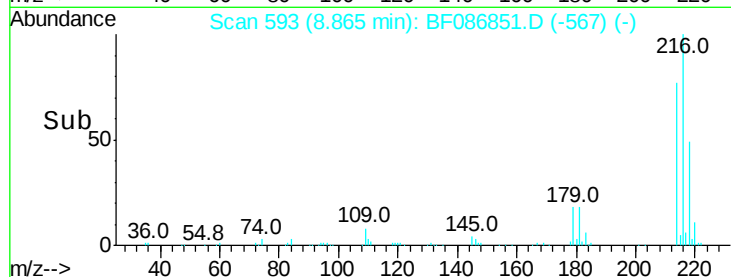
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	62.6	93.8
179	22.9	18.2	27.4
108	21.5	17.5	26.3

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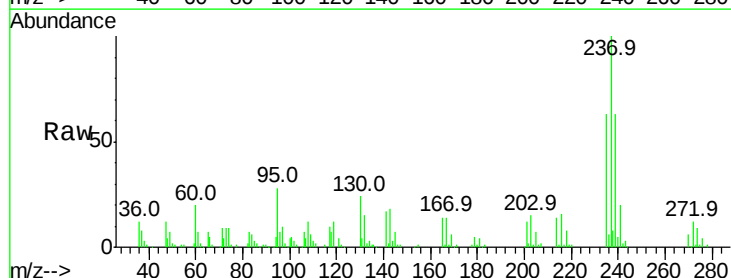


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

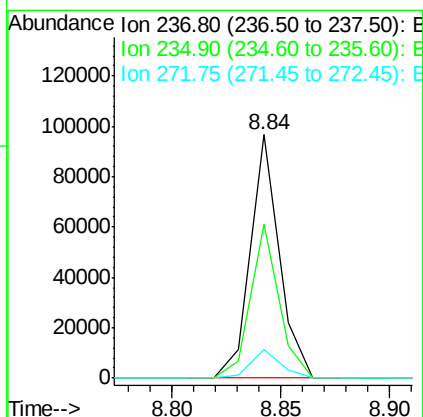
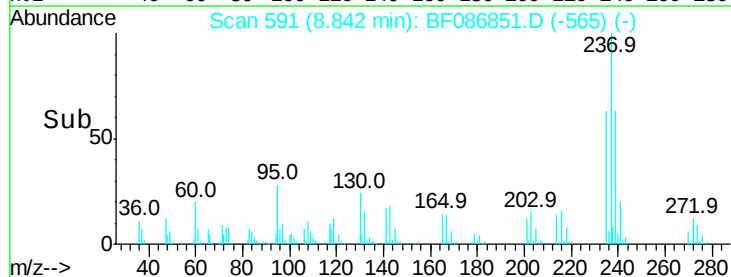


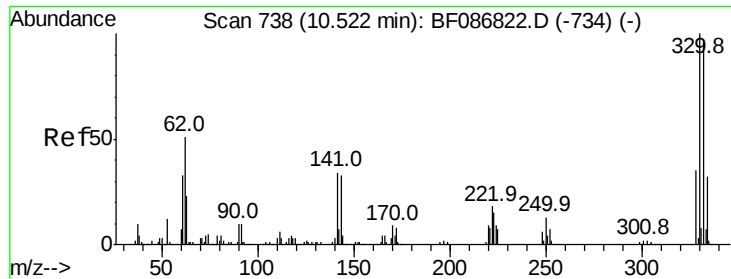
#40
 Hexachlorocyclopentadiene
 Concen: 17.61 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	47.2	87.2
272	11.8	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





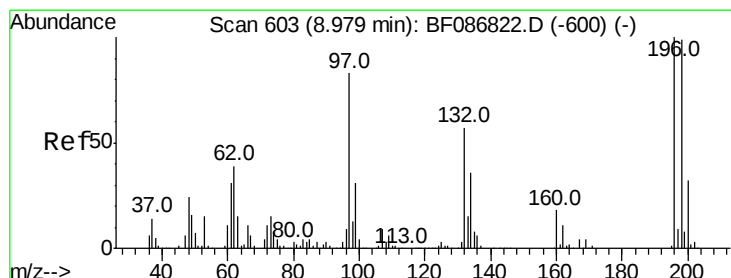
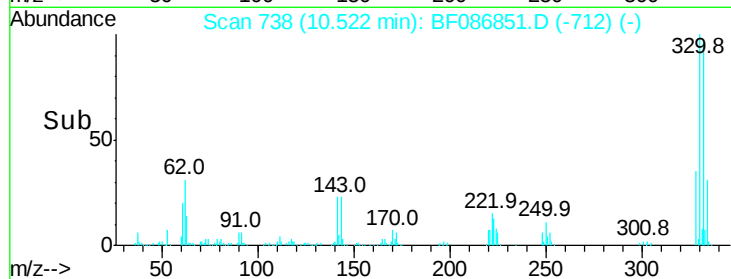
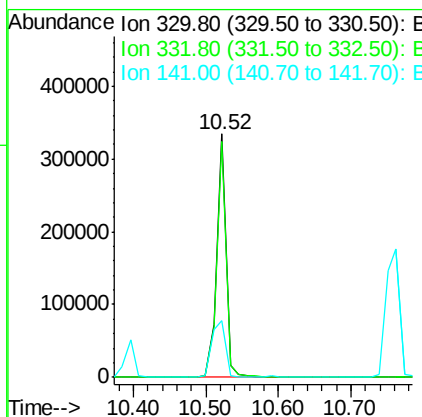
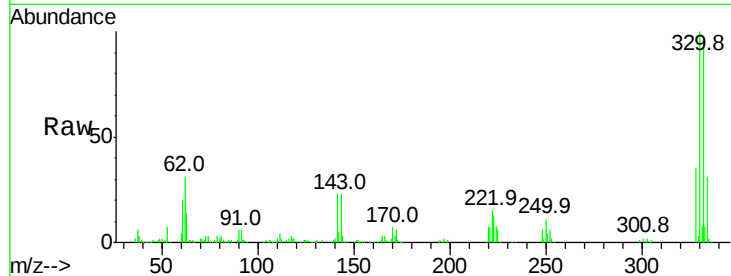
#41
 2,4,6-Tribromophenol
 Concen: 77.73 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	79.0	118.4	
141	34.8	31.2	46.8	

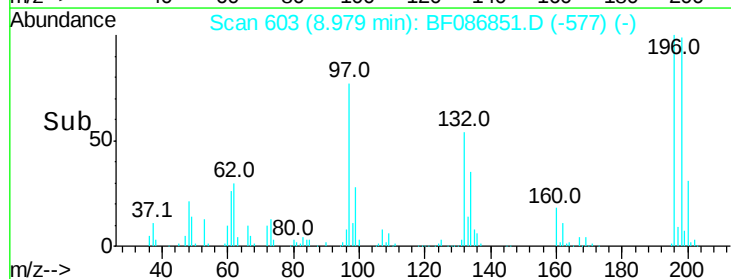
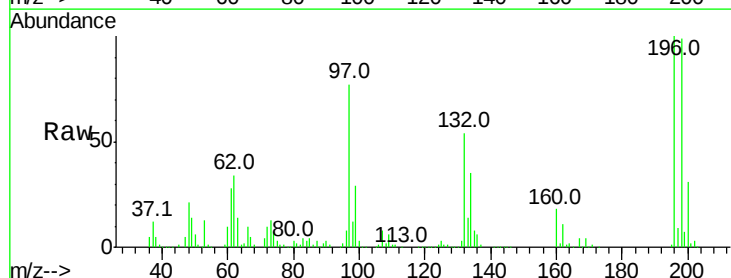
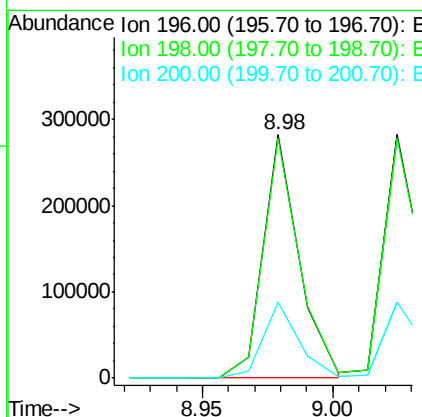
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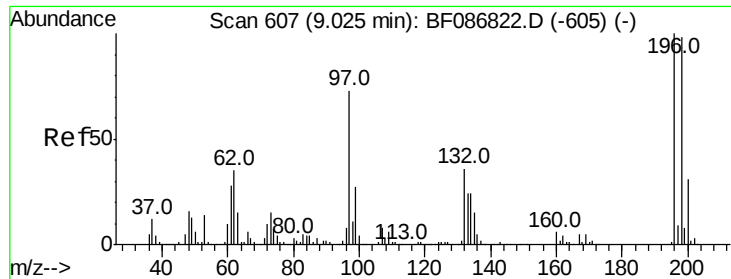
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#42
 2,4,6-Trichlorophenol
 Concen: 37.98 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.6	74.7	112.1	
200	31.4	23.8	35.6	





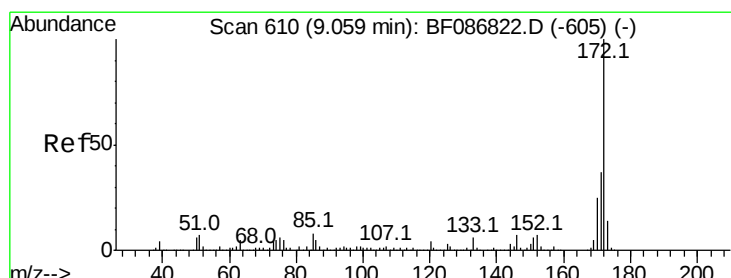
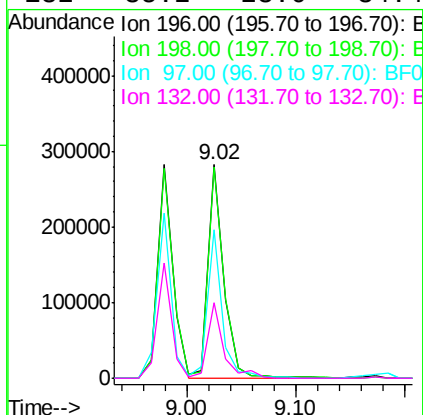
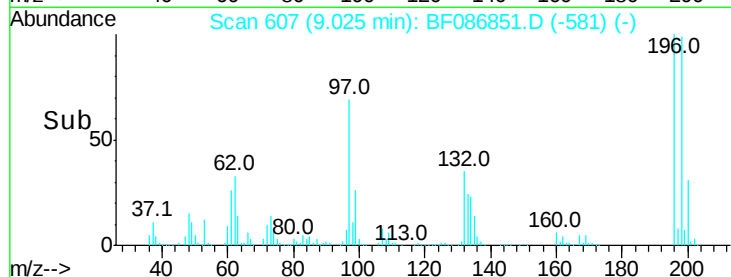
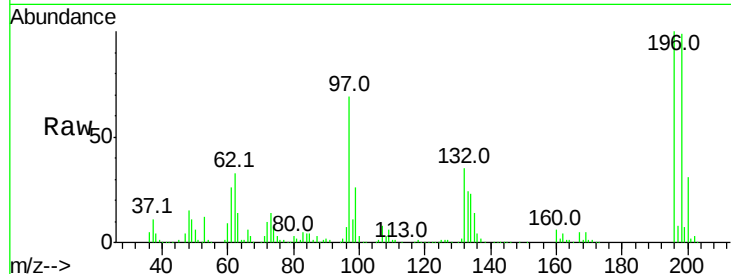
#43
 2,4,5-Trichlorophenol
 Concen: 39.06 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	287477
Ion Ratio	Lower	Upper	
196	100		
198	98.7	77.5	116.3
97	69.3	34.8	52.2#
132	35.2	23.0	34.4#

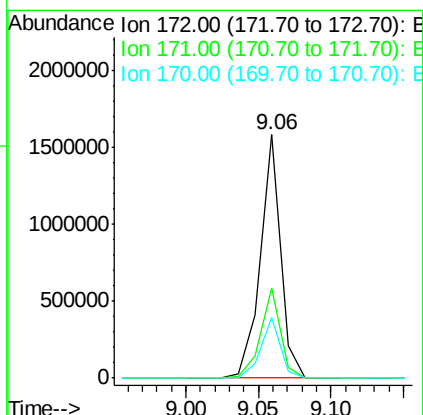
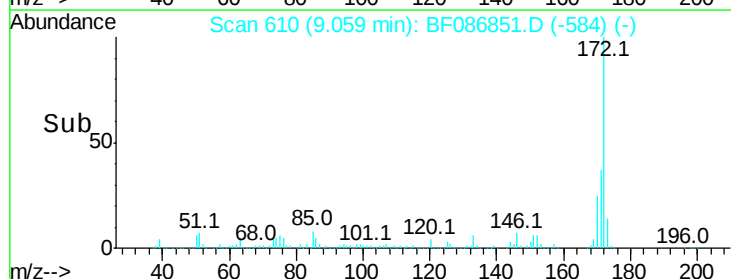
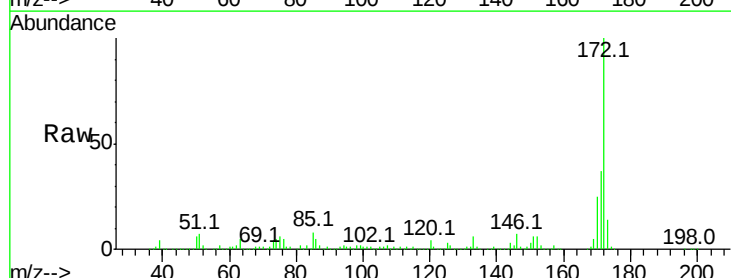
Manual Integrations
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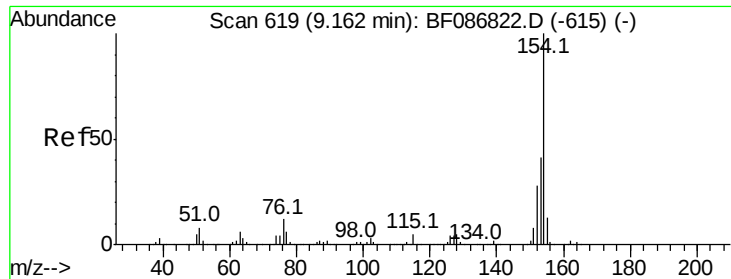
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#44
 2-Fluorobiphenyl
 Concen: 70.55 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion:	172	Resp:	1536494
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.0	43.6
170	24.9	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.99 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1193316

Ion Ratio Lower Upper

154 100

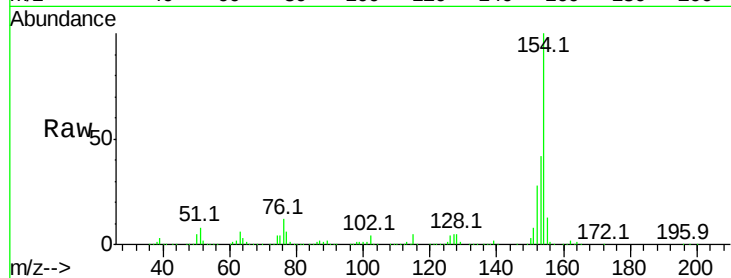
153 41.8 20.3 60.3

76 12.2 0.0 30.2

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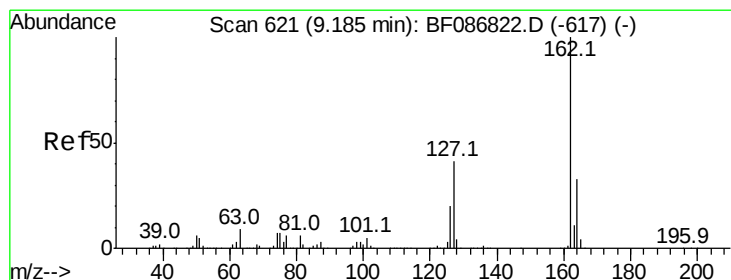
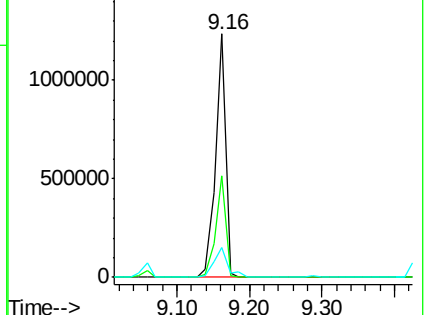
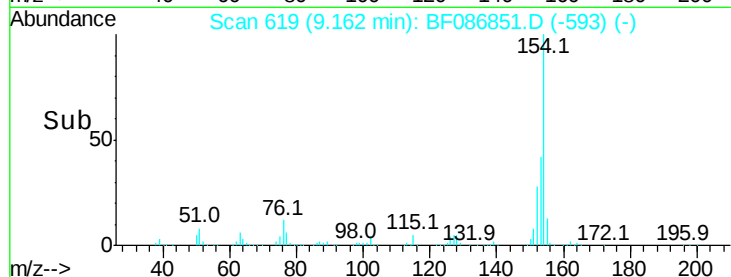
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.15 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

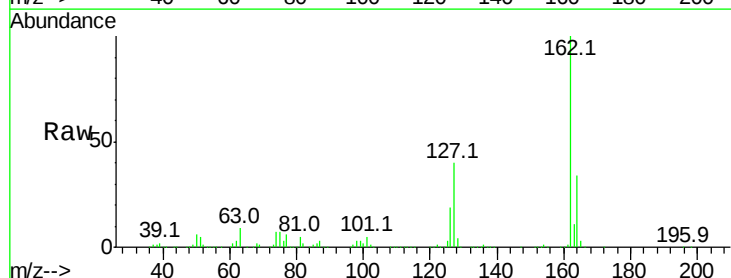
Tgt Ion:162 Resp: 915776

Ion Ratio Lower Upper

162 100

127 40.4 31.8 47.6

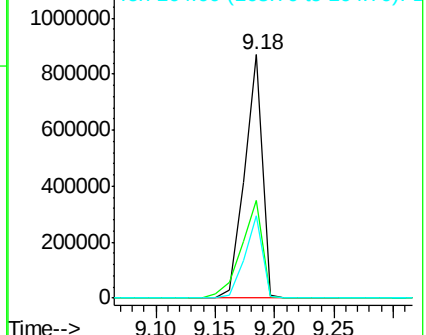
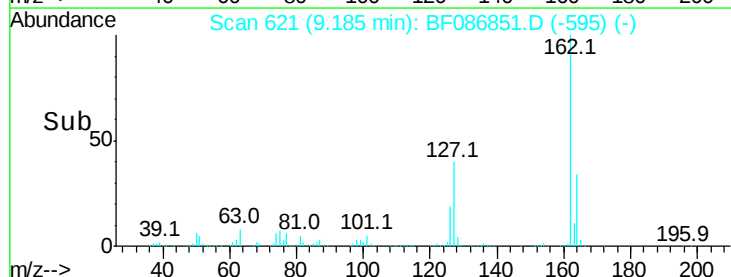
164 33.7 27.0 40.6

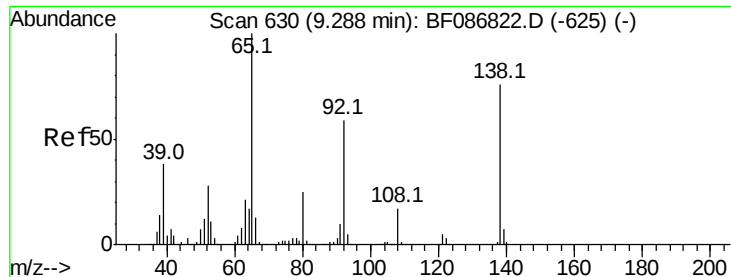


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





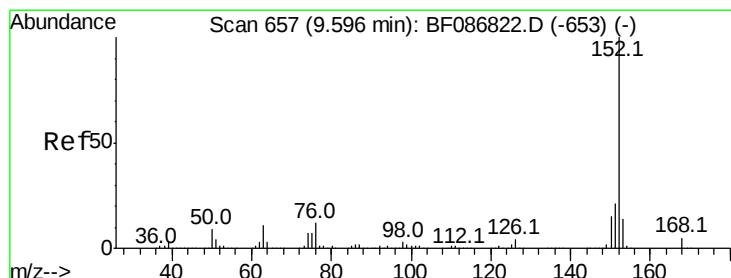
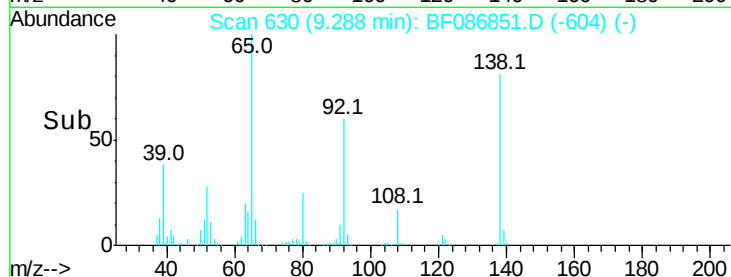
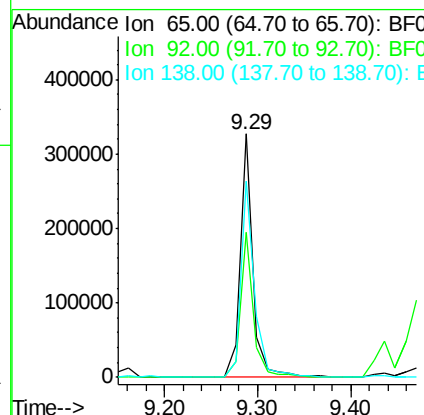
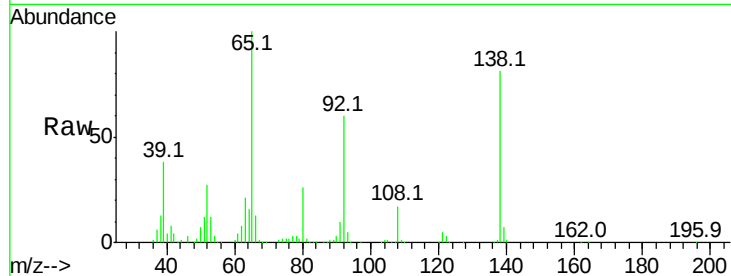
#47
2-Nitroaniline
Concen: 37.80 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.8	57.4	86.2
138	80.7	90.1	135.1#

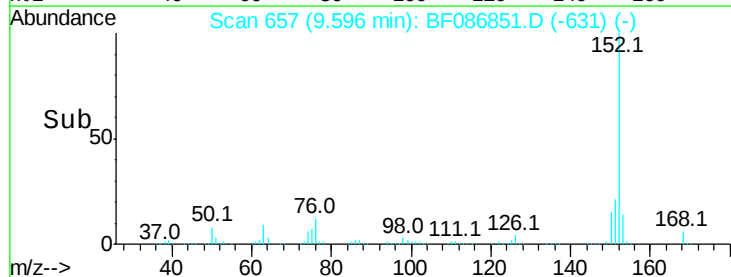
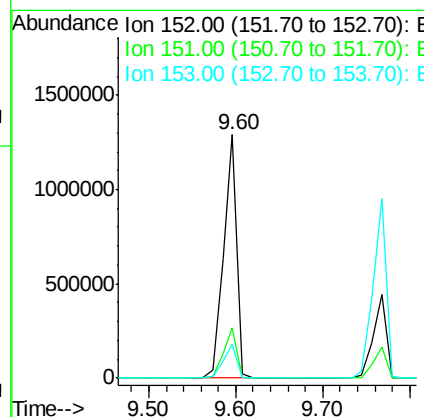
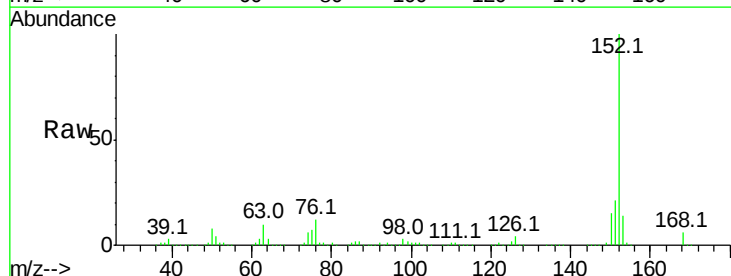
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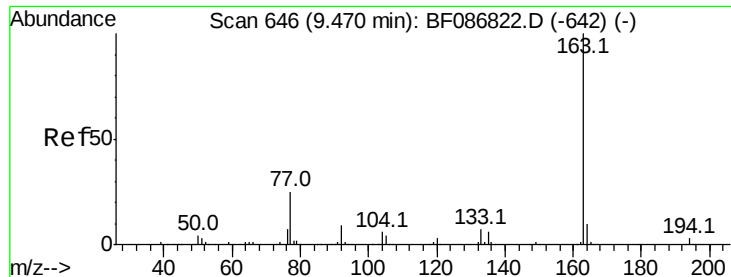
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#48
Acenaphthylene
Concen: 40.89 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.0	10.9	16.3





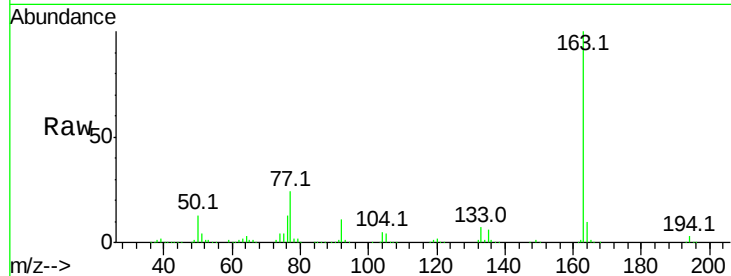
#49
Dimethylphthalate
Concen: 37.78 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

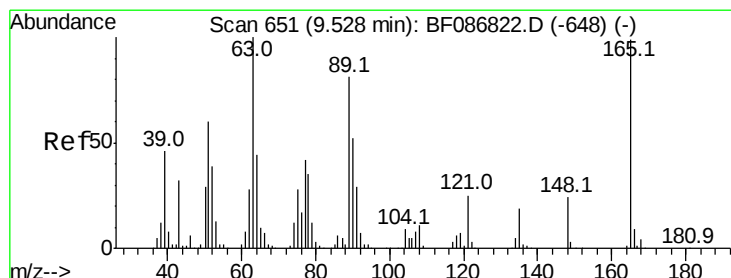
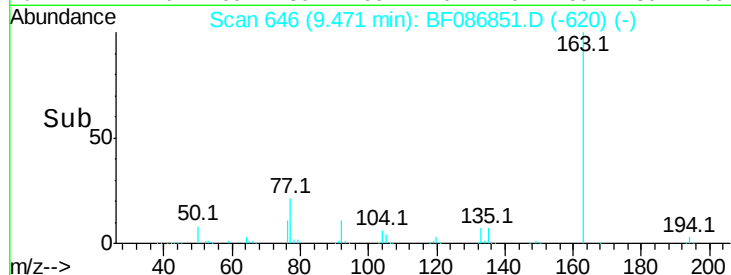
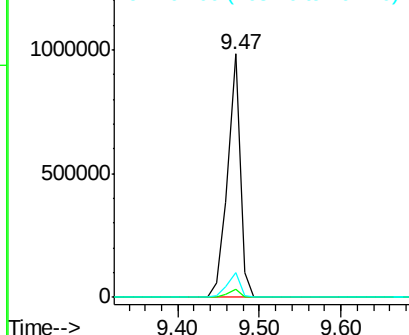
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	8.2	12.4

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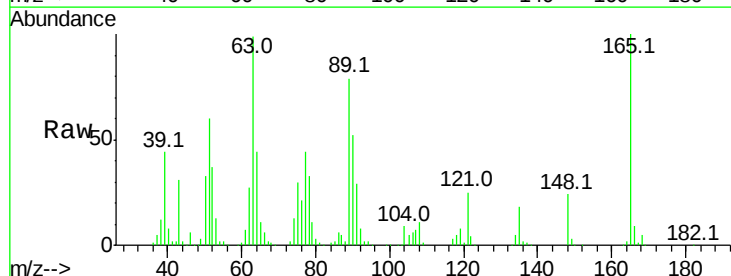


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

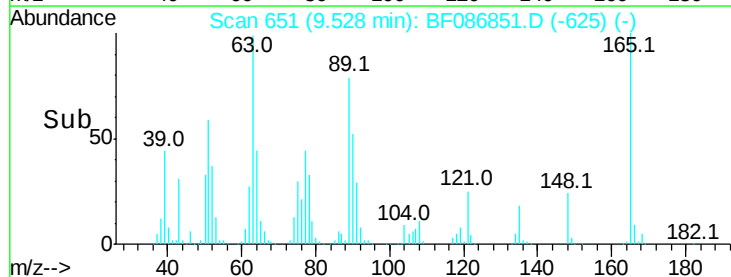
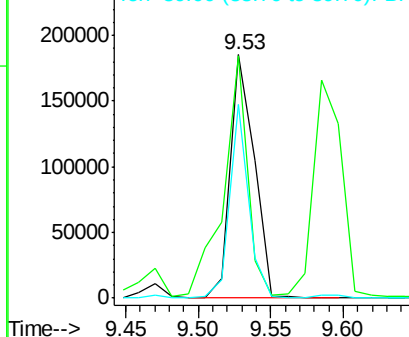


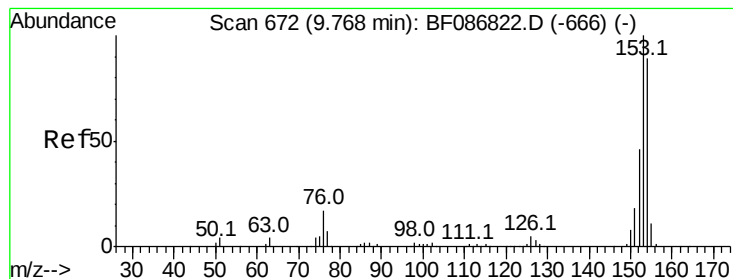
#50
2,6-Dinitrotoluene
Concen: 36.08 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	99.4	51.8	77.8#
89	79.5	50.7	76.1#



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





#51

Acenaphthene

Concen: 41.35 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

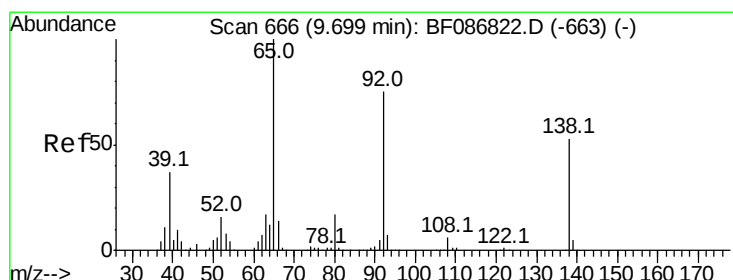
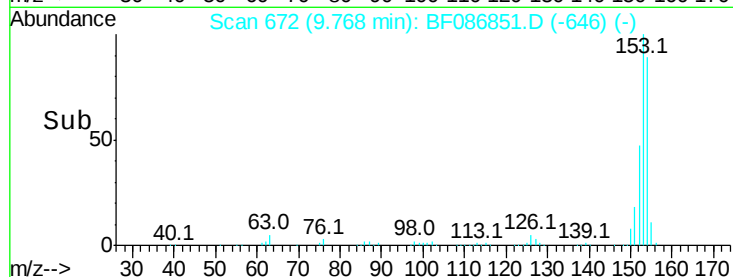
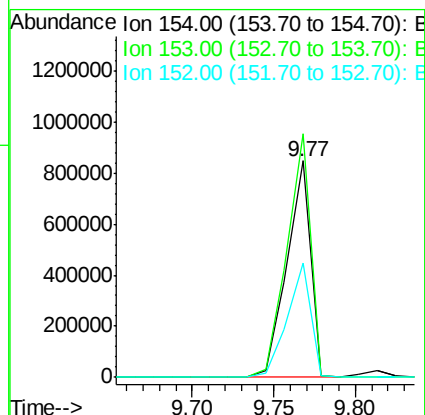
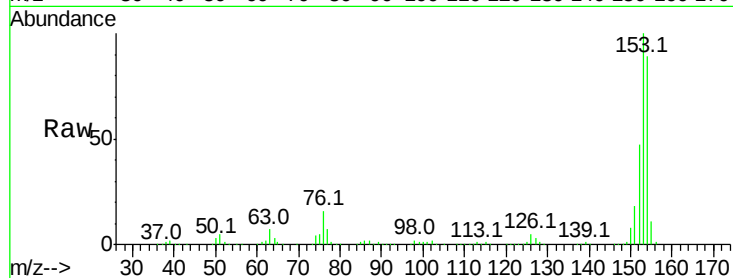
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	863044
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.8	134.6
152	52.6	43.4	65.0

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#52

3-Nitroaniline

Concen: 37.53 ng

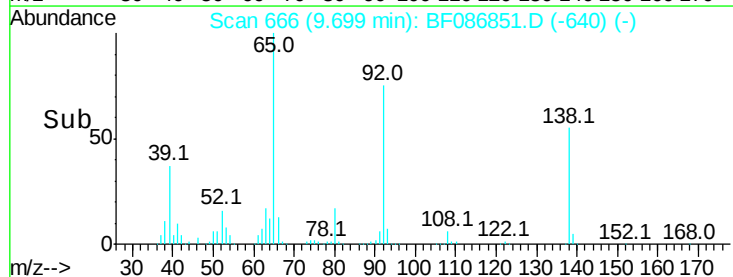
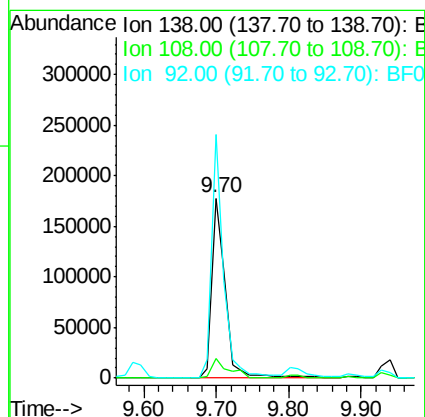
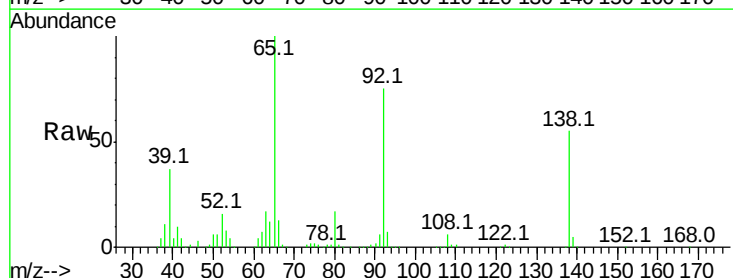
RT: 9.70 min Scan# 666

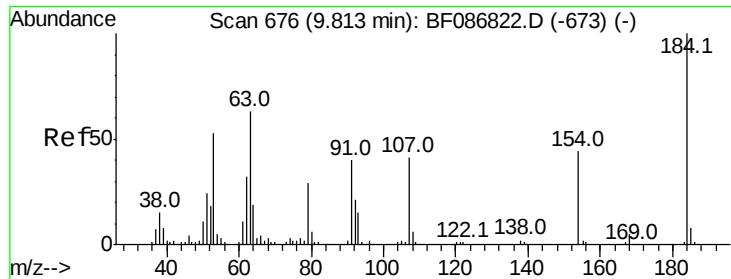
Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:	138	Resp:	232211
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	135.1	87.8	131.8#





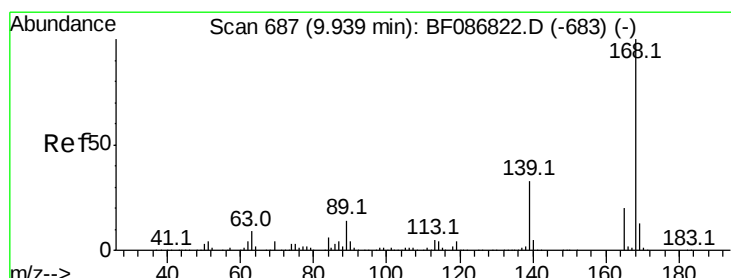
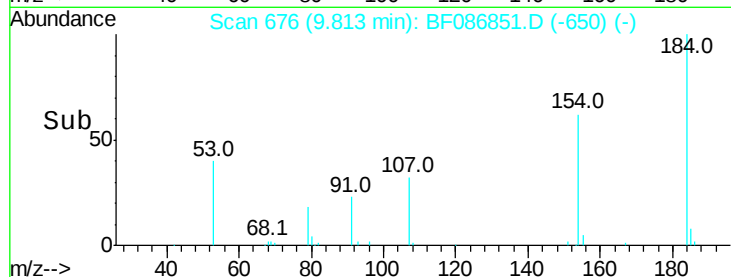
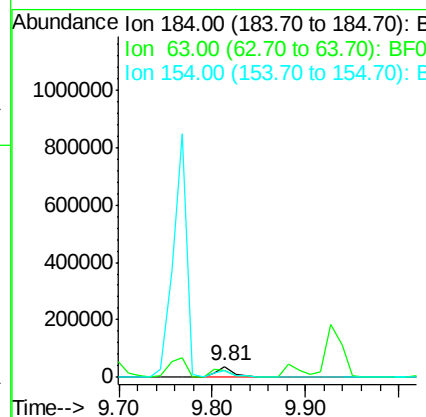
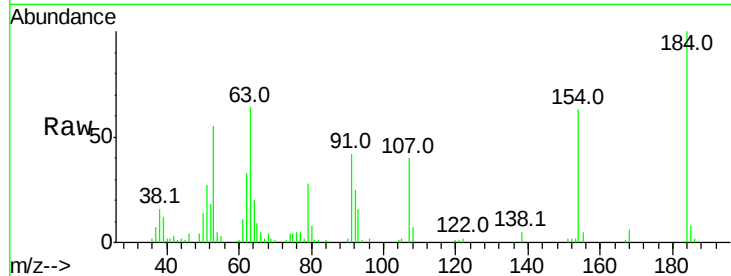
#53
 2,4-Dinitrophenol
 Concen: 24.35 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	55339		
63	63.9	55.8	83.8	
154	62.8	62.4	93.6	

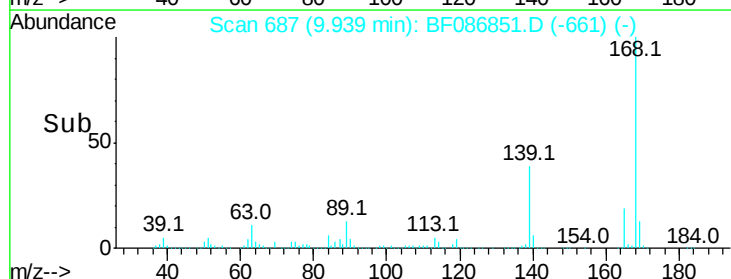
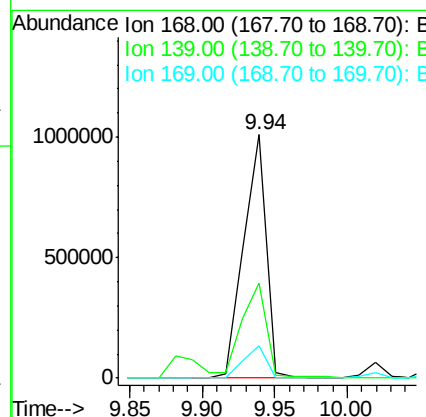
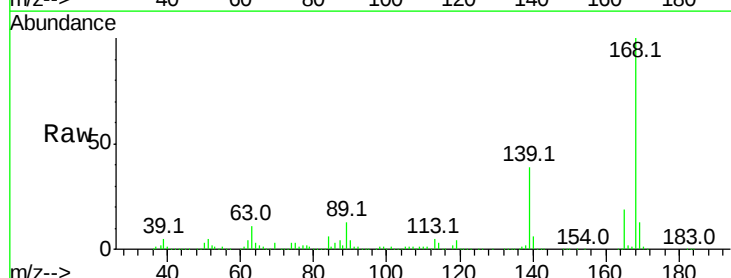
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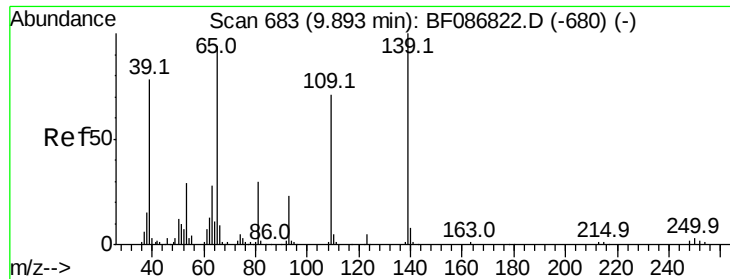
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#54
 Dibenzofuran
 Concen: 40.83 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1093873		
139	39.2	31.4	47.0	
169	13.2	10.7	16.1	





#55

4-Nitrophenol

Concen: 37.75 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

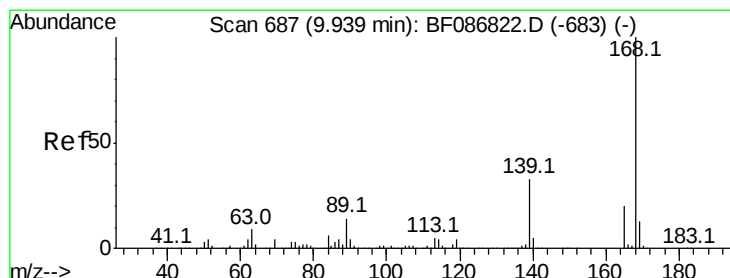
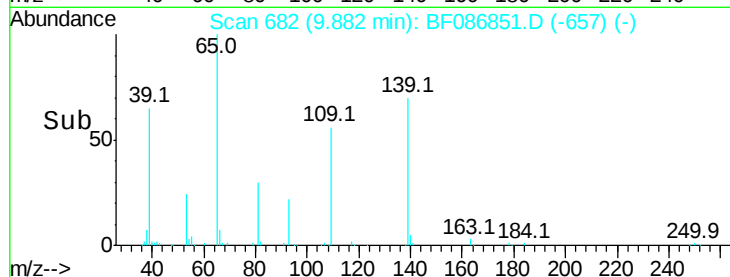
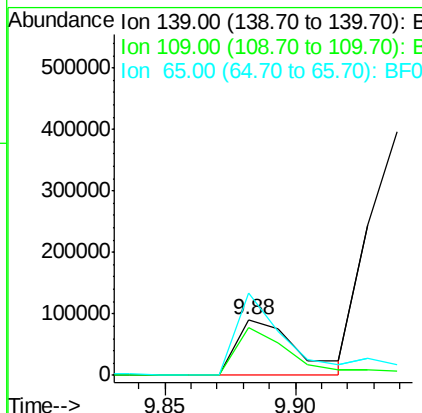
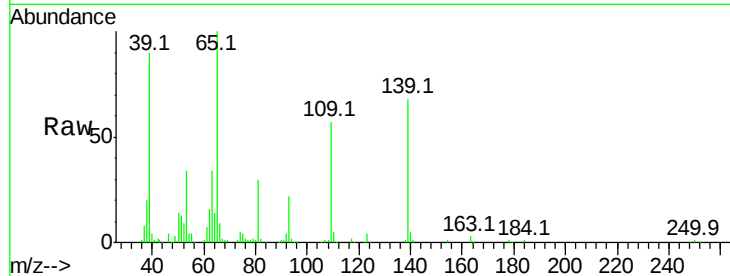
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	139	Resp:	145220
Ion Ratio	Lower	Upper	
139	100		
109	84.4	36.9	76.9#
65	147.8	64.0	104.0#



#56

2,4-Dinitrotoluene

Concen: 37.65 ng

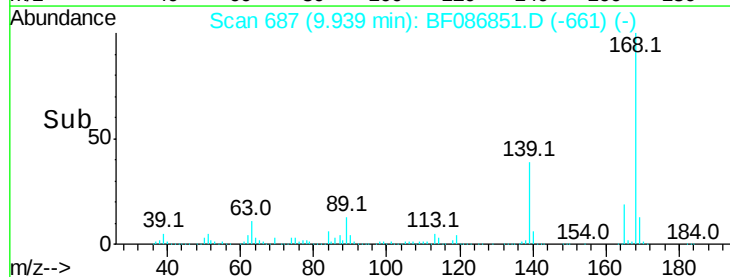
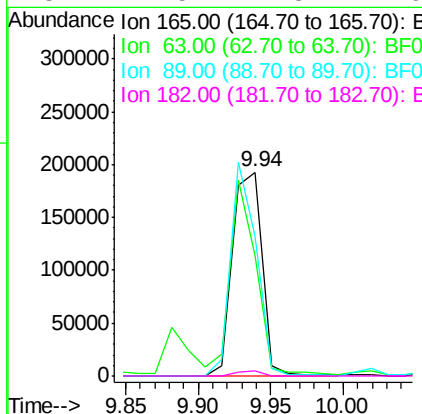
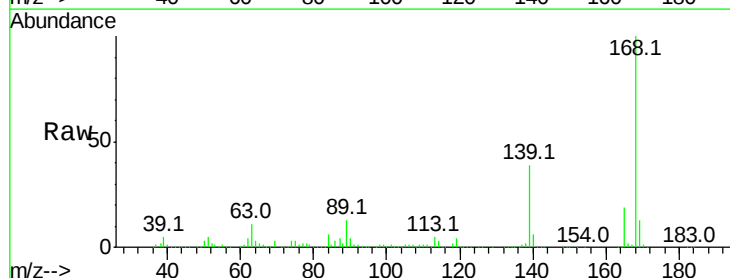
RT: 9.94 min Scan# 687

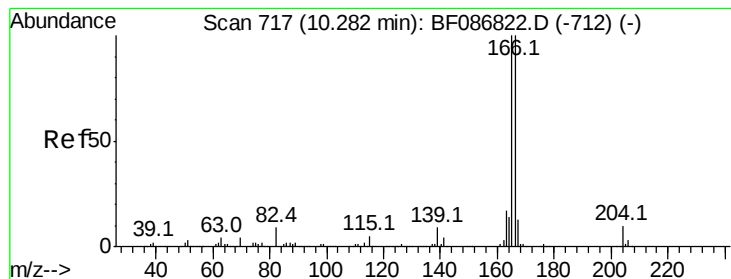
Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:	165	Resp:	273824
Ion Ratio	Lower	Upper	
165	100		
63	58.9	44.3	66.5
89	68.4	70.0	105.0#
182	2.5	1.8	2.6





#57

Fluorene

Concen: 39.37 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

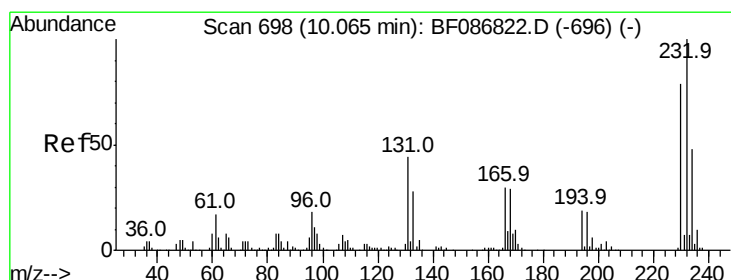
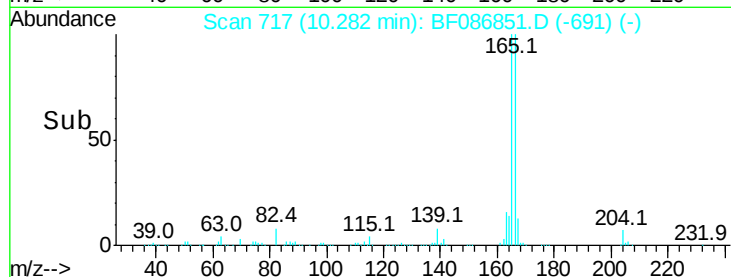
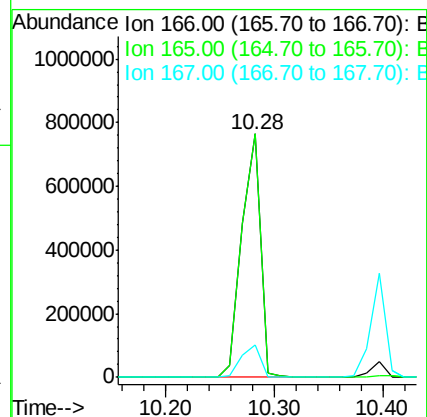
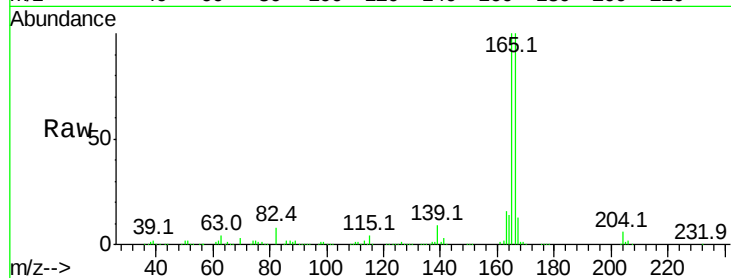
ClientSampleID :

SSTDCCC040EC

Tot Ion:	166	Resp:	899474
Ion Ratio	Lower	Upper	
166	100		
165	100.2	79.0	118.6
167	13.2	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.27 ng

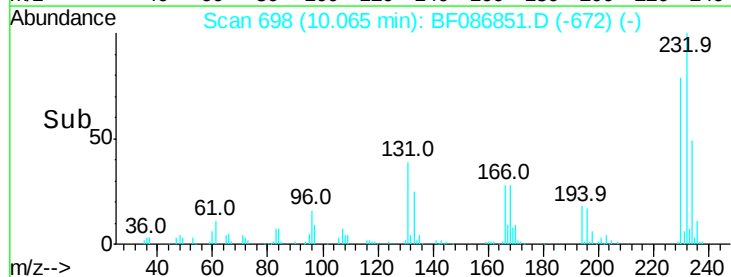
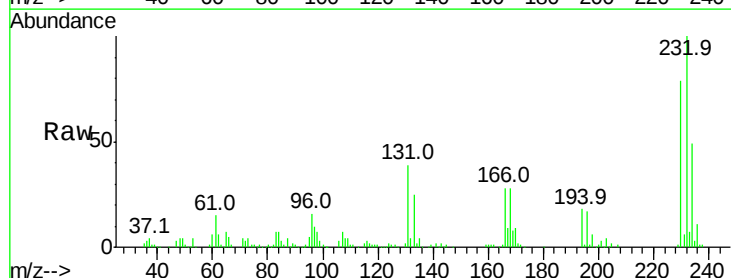
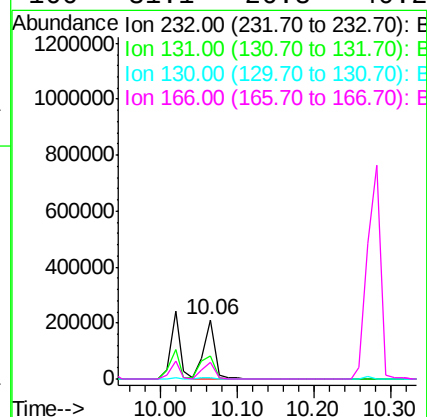
RT: 10.06 min Scan# 698

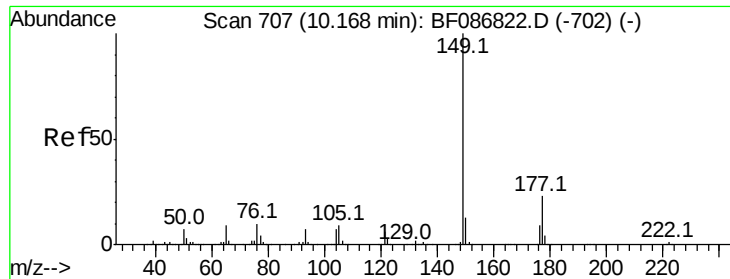
Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:	232	Resp:	212047
Ion Ratio	Lower	Upper	
232	100		
131	50.9	41.9	62.9
130	2.5	2.2	3.4
166	31.1	26.8	40.2





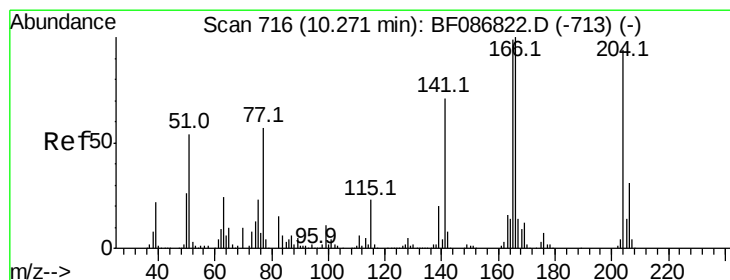
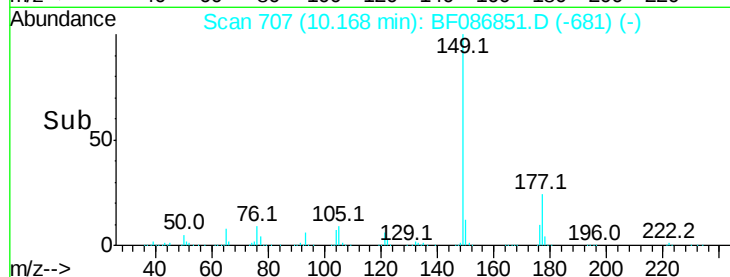
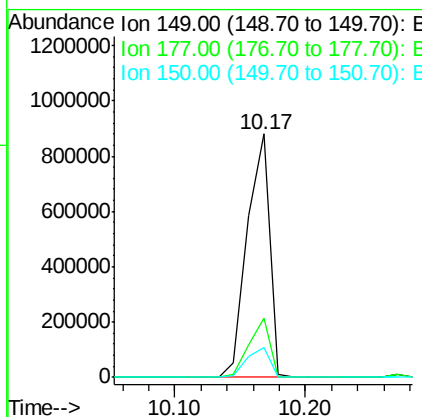
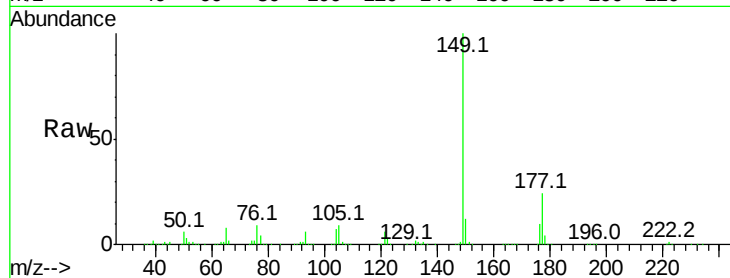
#59
Diethylphthalate
Concen: 38.65 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1051886
Ion Ratio Lower Upper
149 100
177 24.3 16.6 24.8
150 12.5 10.0 15.0

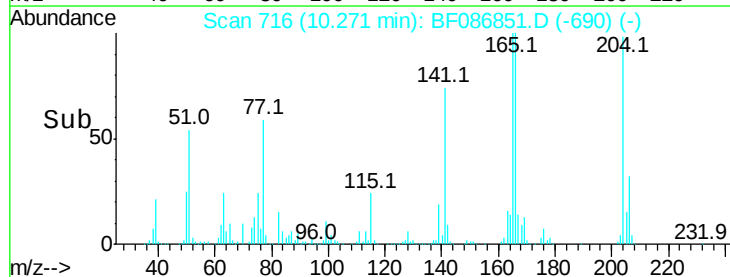
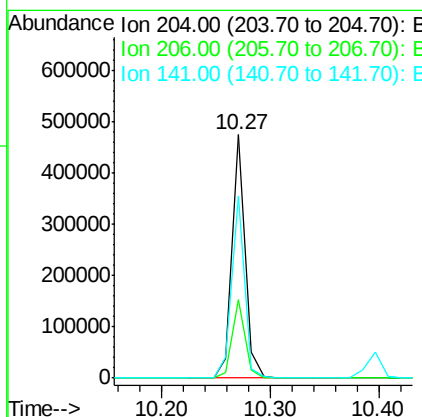
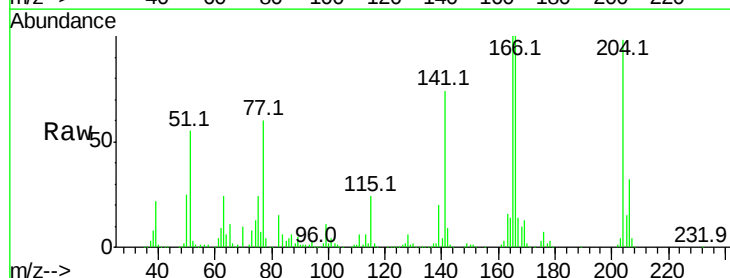
Manual Integrations
APPROVED

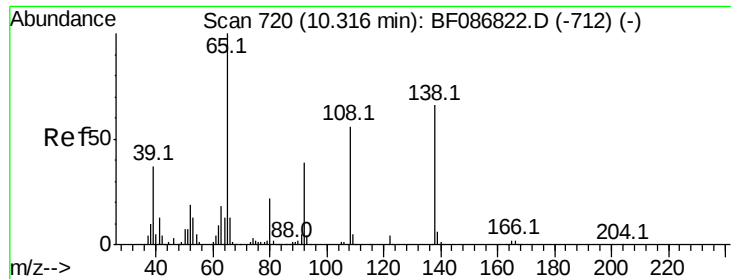
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#60
4-Chlorophenyl-phenylether
Concen: 37.81 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion:204 Resp: 391288
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.0
141 74.9 61.6 92.4





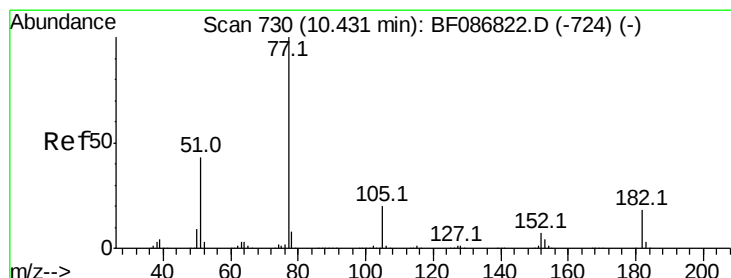
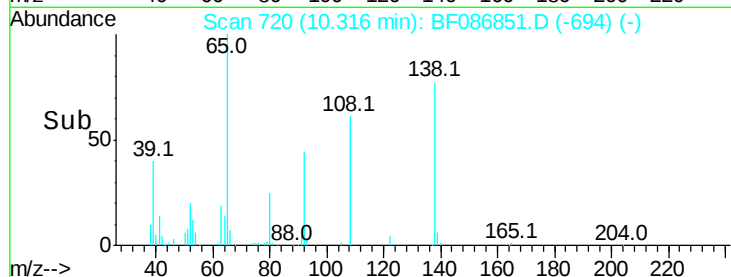
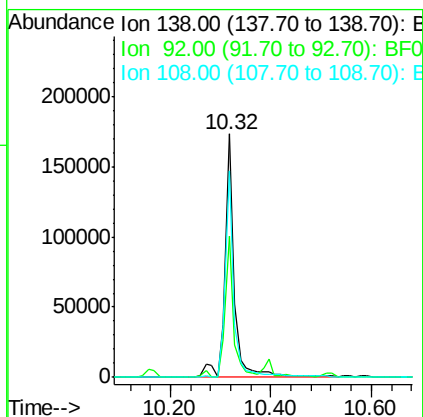
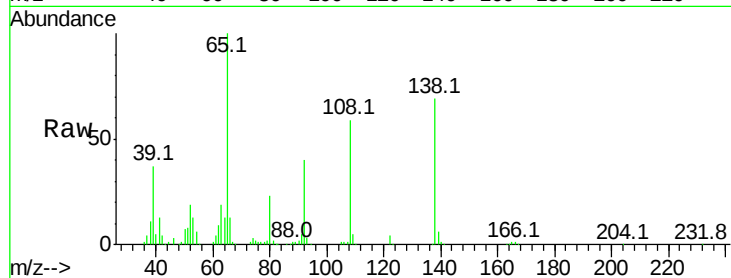
#61
4-Nitroaniline
Concen: 38.53 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.7	24.7	64.7
108	84.9	37.4	77.4

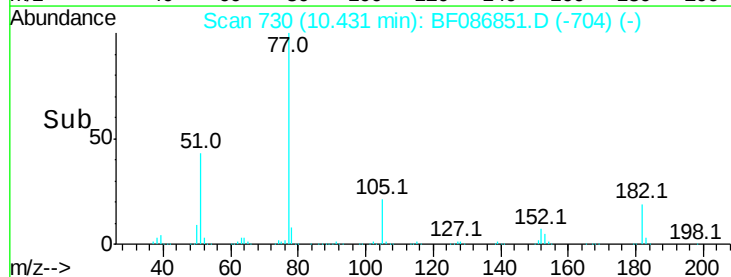
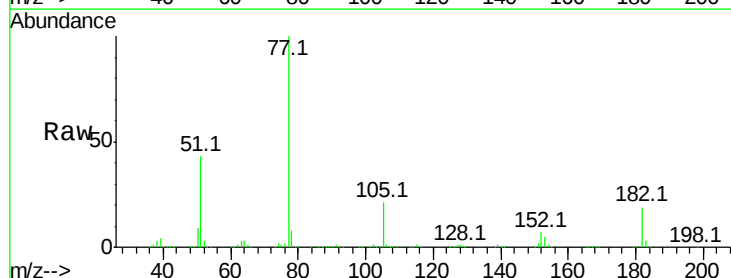
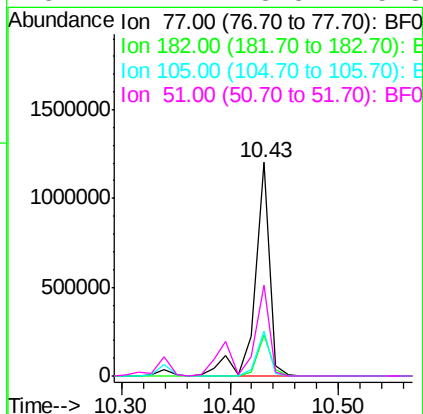
Manual Integrations
APPROVED

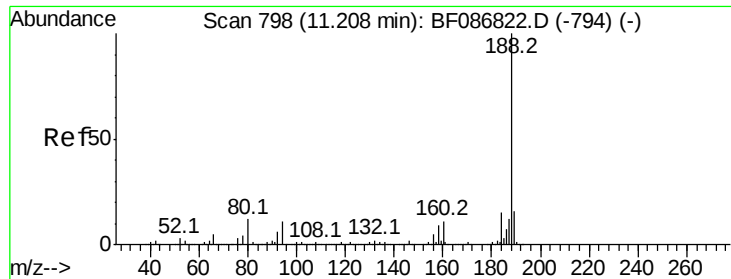
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#62
Azobenzene
Concen: 38.89 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	0.0	38.8
105	20.9	3.2	43.2
51	42.7	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

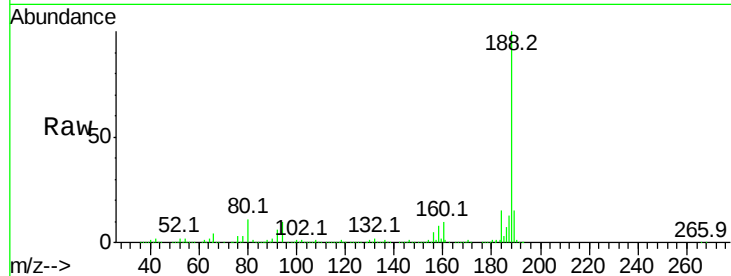
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	643556
Ion Ratio	Lower	Upper	
188	100		
94	9.7	6.8	10.2
80	10.6	7.1	10.7

Manual Integrations
APPROVED

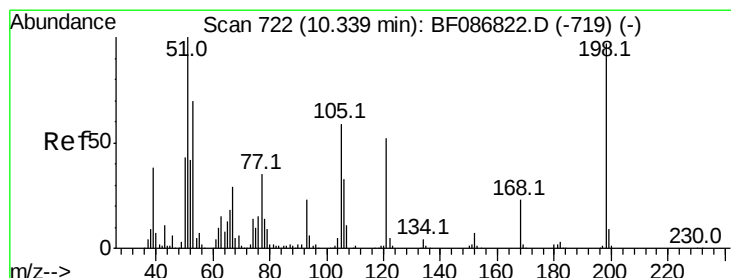
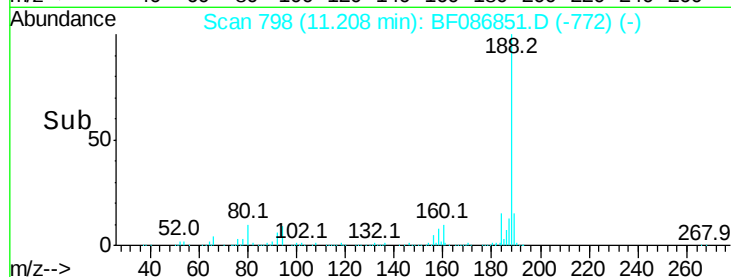
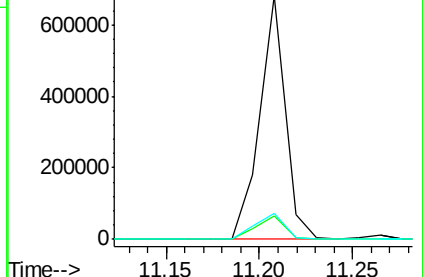
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.40 ng

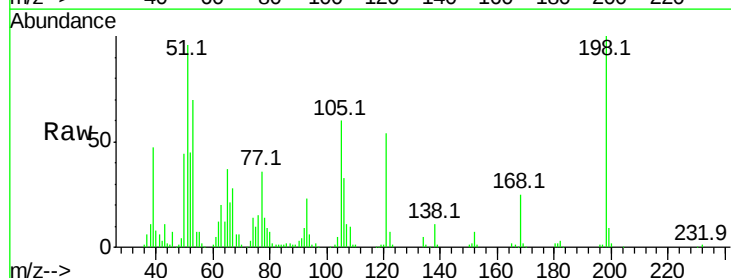
RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

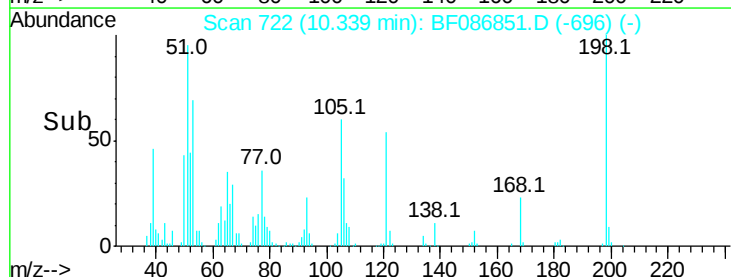
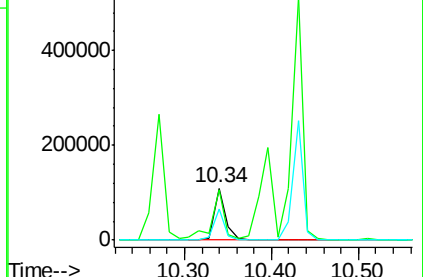
Tgt Ion:	198	Resp:	105562
Ion Ratio	Lower	Upper	
198	100		
51	95.9	20.5	60.5#
105	59.9	24.5	64.5

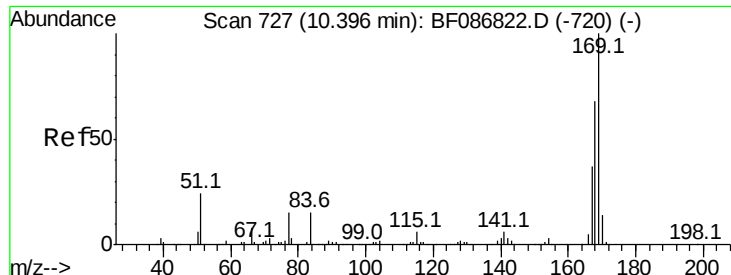


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





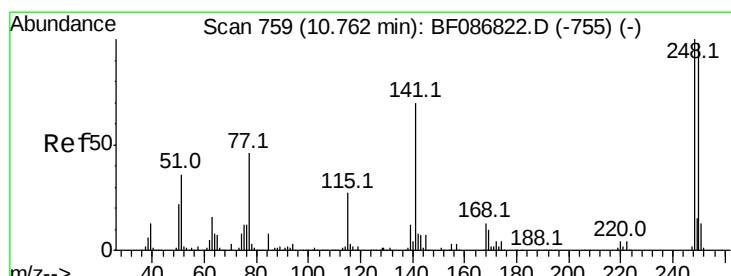
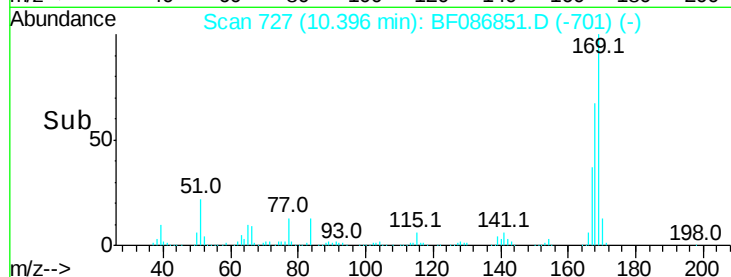
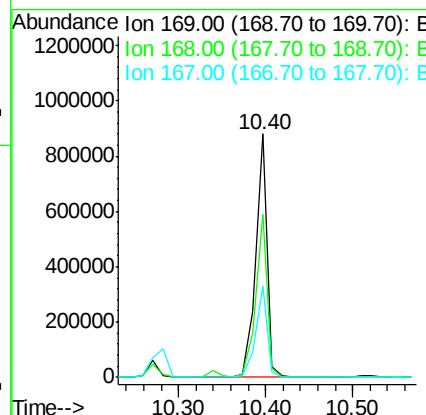
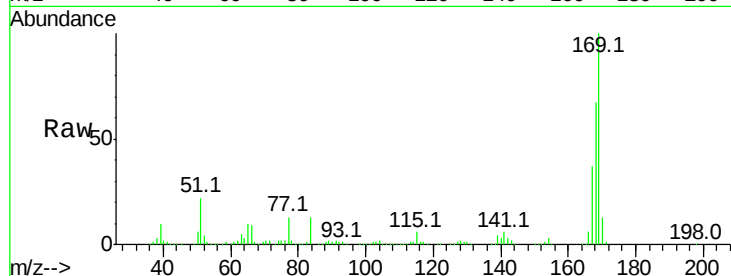
#65
n-Nitrosodiphenylamine
Concen: 41.22 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	814963		
168	67.0		53.8	80.6
167	37.3		29.5	44.3

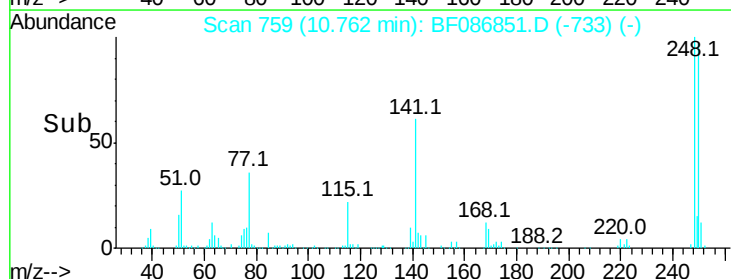
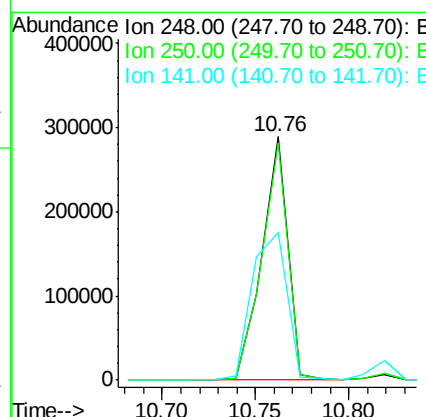
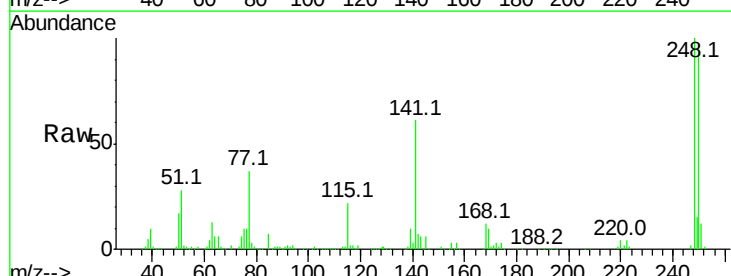
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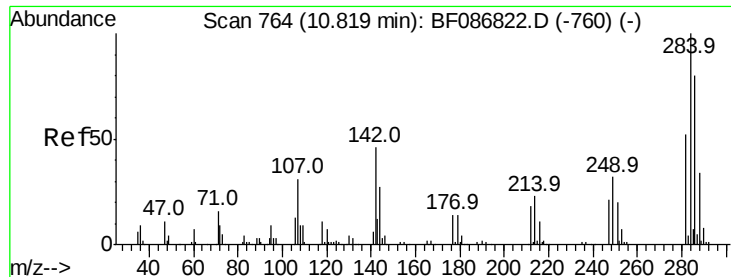
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#66
4-Bromophenyl-phenylether
Concen: 42.40 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	276677		
250	97.4		78.6	117.8
141	60.8		76.0	114.0#





#67

Hexachlorobenzene

Concen: 36.36 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

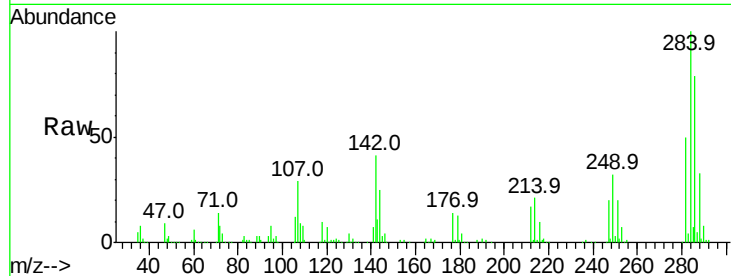
ClientSampleId :

SSTDCCC040EC

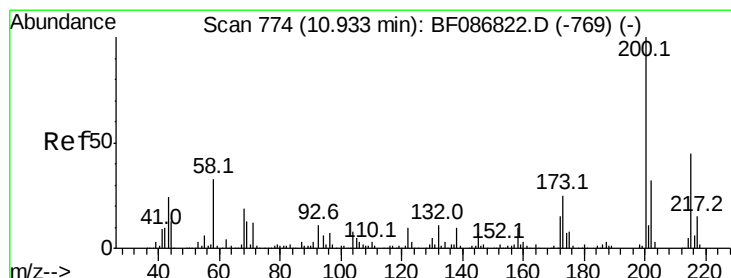
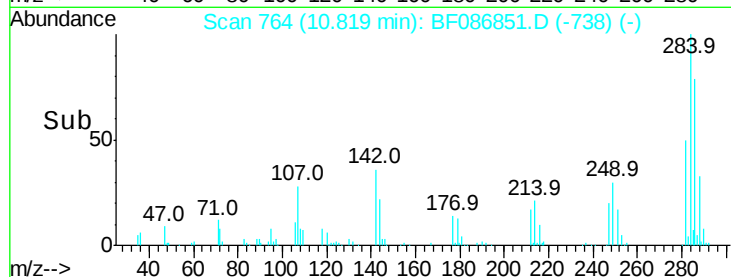
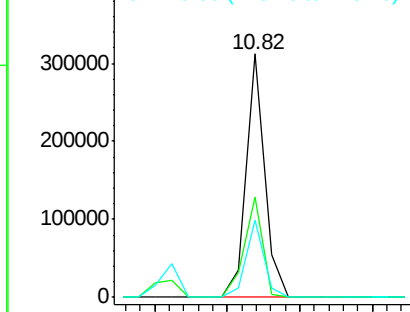
Tot Ion:	284	Resp:	277254
Ion Ratio	Lower	Upper	
284	100		
142	41.3	16.7	25.1#
249	31.6	21.3	31.9

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



#68

Atrazine

Concen: 35.13 ng

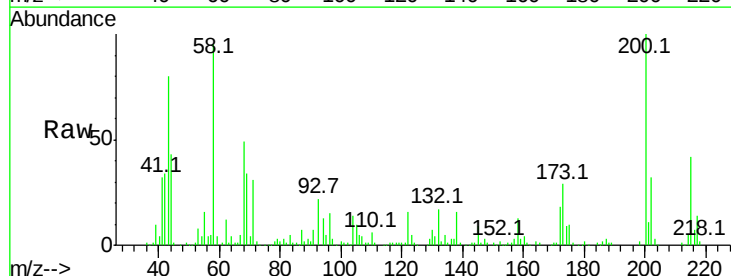
RT: 10.92 min Scan# 773

Delta R.T. -0.01 min

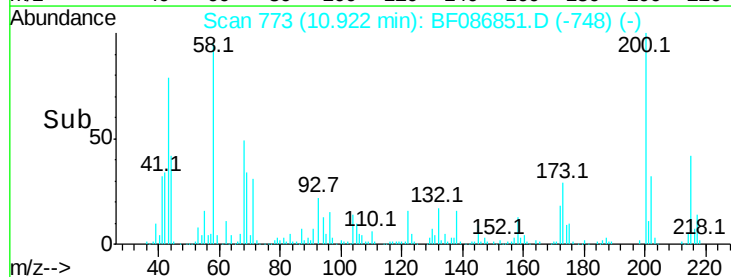
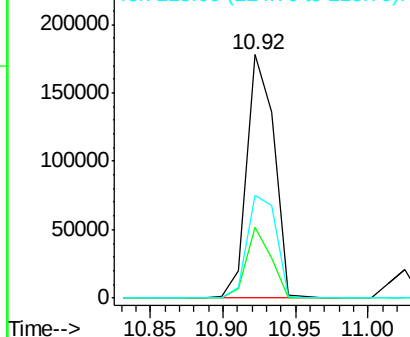
Lab File: BF086851.D

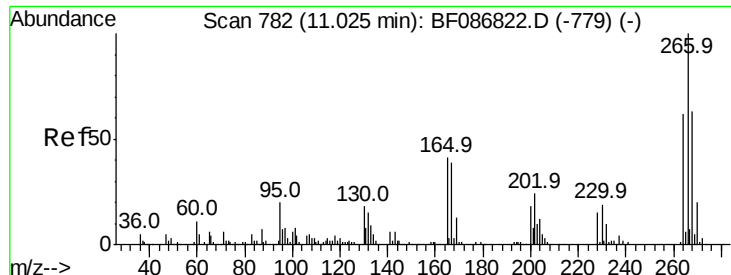
Acq: 10 May 2016 5:42

Tgt Ion:	200	Resp:	232039
Ion Ratio	Lower	Upper	
200	100		
173	29.2	8.5	48.5
215	42.4	27.2	67.2



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





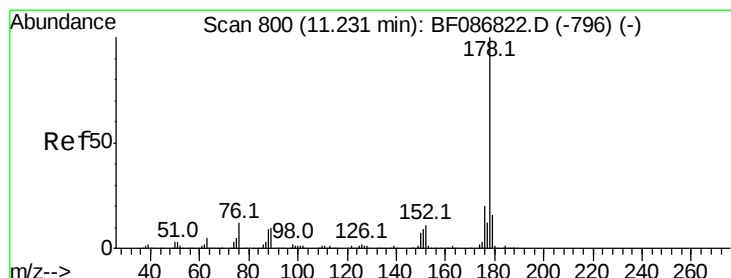
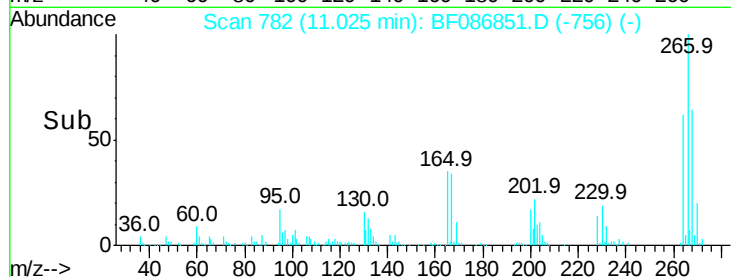
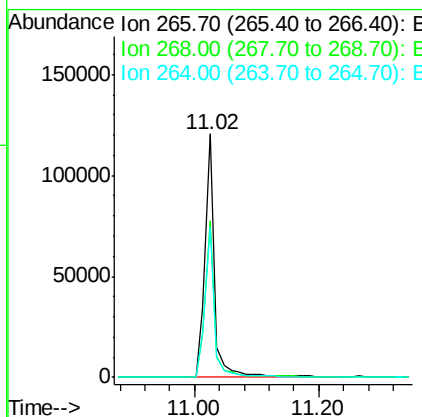
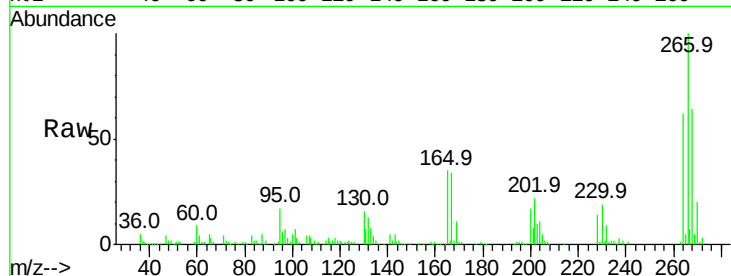
#69
 Pentachlorophenol
 Concen: 37.66 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132716		
268	64.4	51.5	77.3	
264	61.8	52.9	79.3	

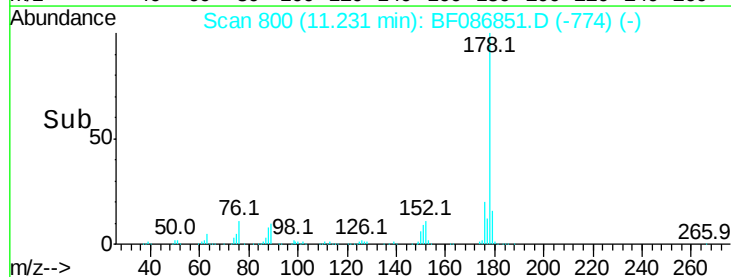
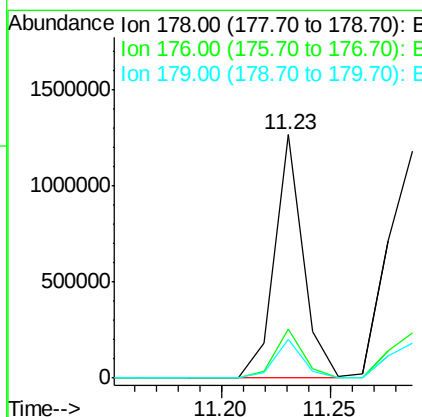
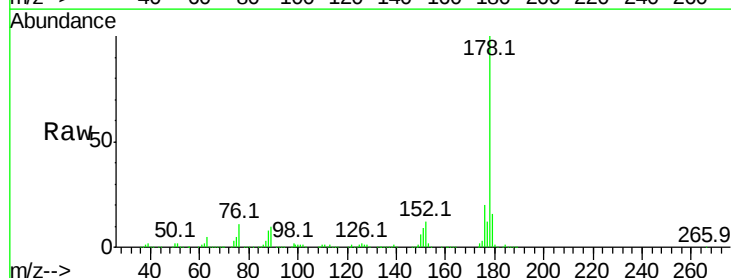
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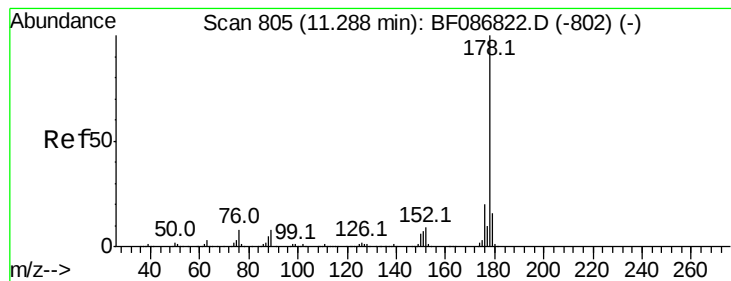
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#70
 Phenanthrene
 Concen: 33.98 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1167041		
176	20.3	16.0	24.0	
179	15.8	12.6	18.8	





#71

Anthracene

Concen: 38.61 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1356215

Ion Ratio Lower Upper

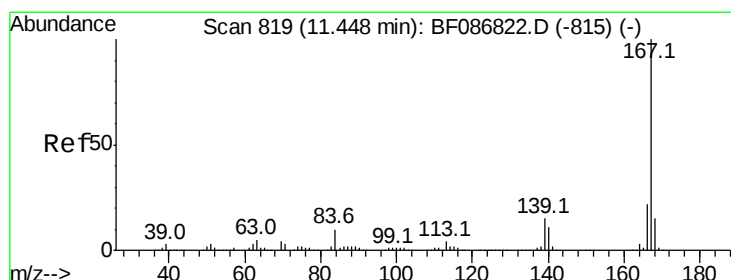
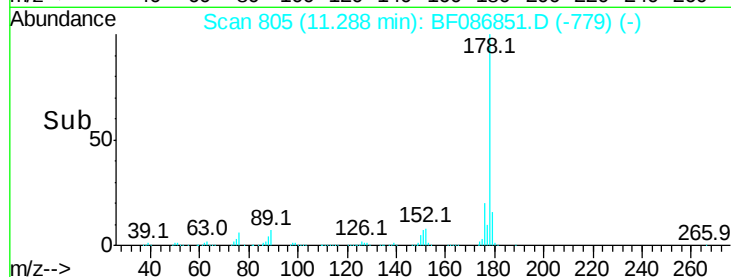
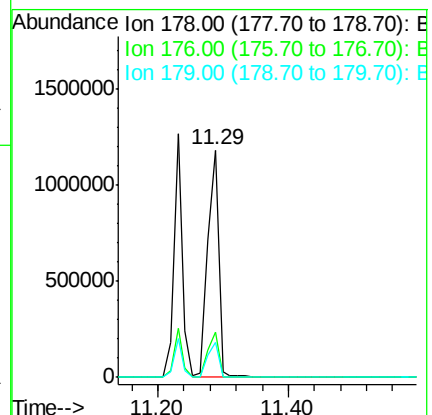
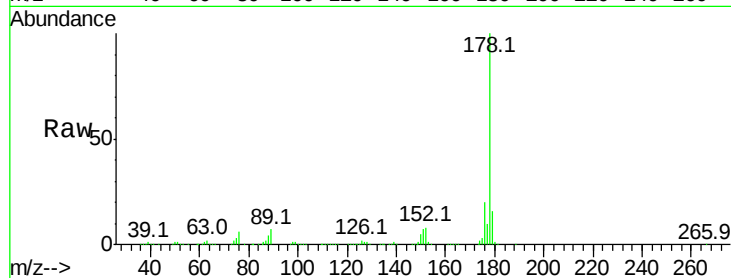
178 100

176 19.7 15.6 23.4

179 15.6 12.7 19.1

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#72

Carbazole

Concen: 39.12 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

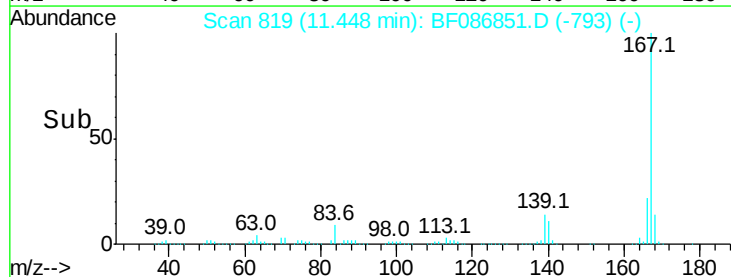
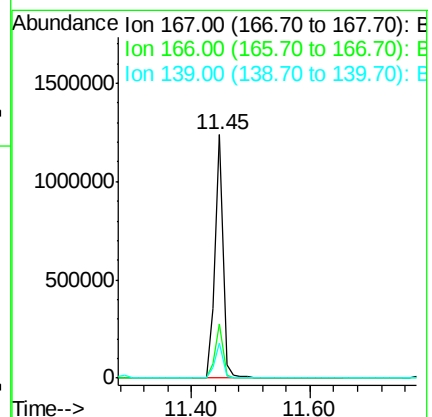
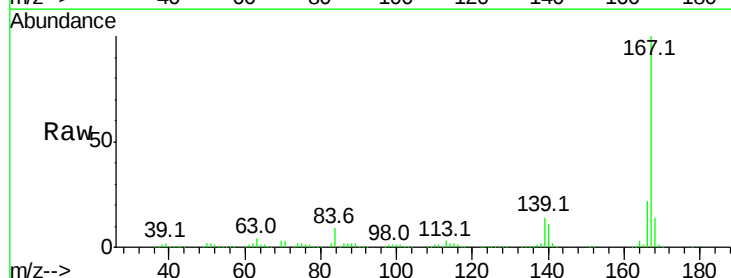
Tgt Ion:167 Resp: 1181324

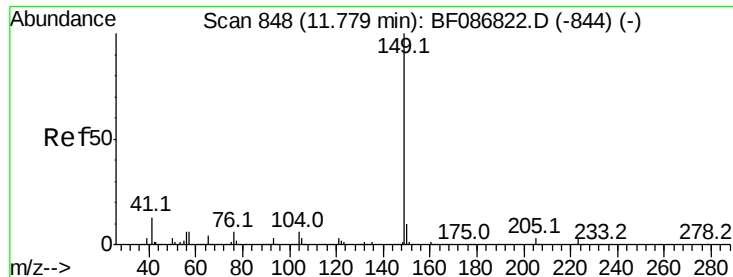
Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

139 14.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.94 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

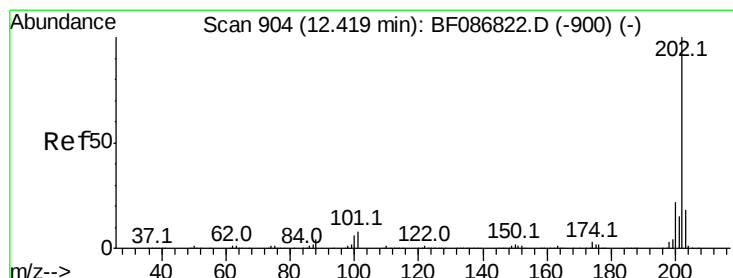
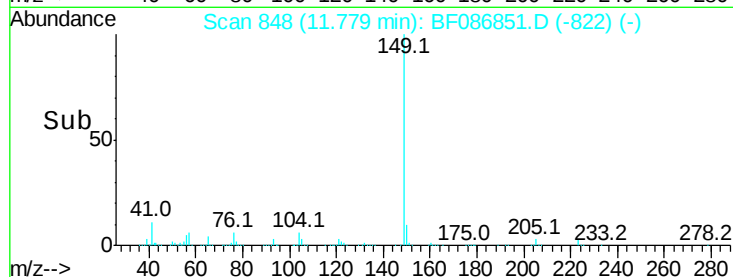
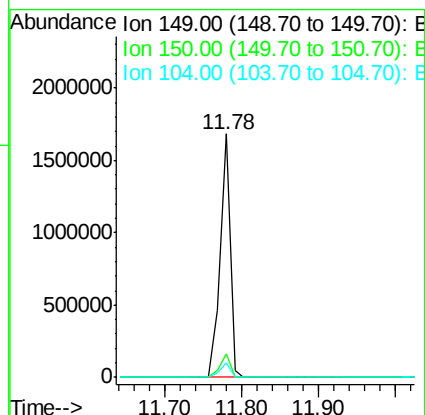
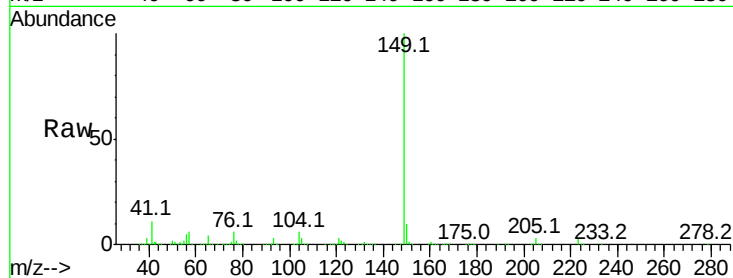
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.7	3.8	5.6



#74

Fluoranthene

Concen: 30.61 ng

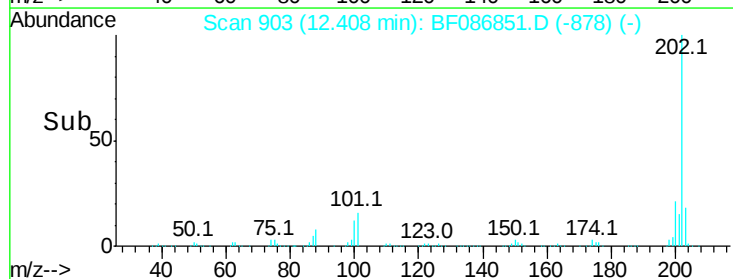
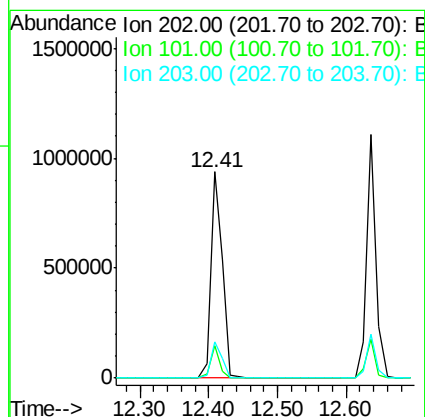
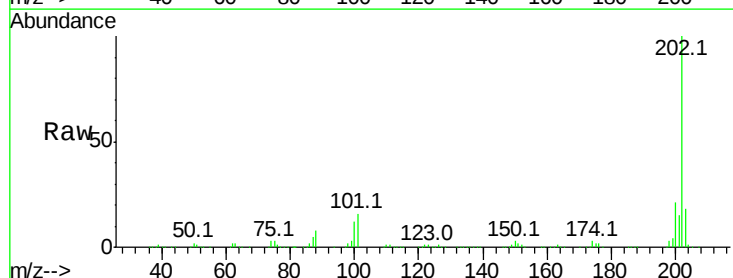
RT: 12.41 min Scan# 903

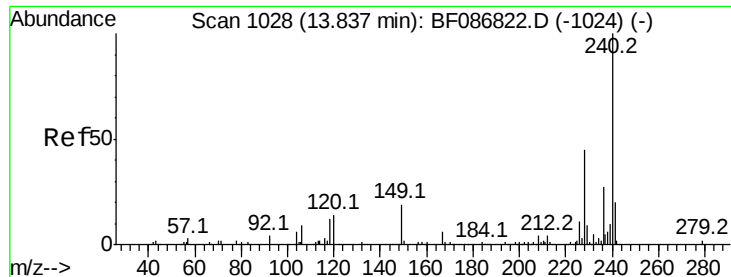
Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	35.4
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

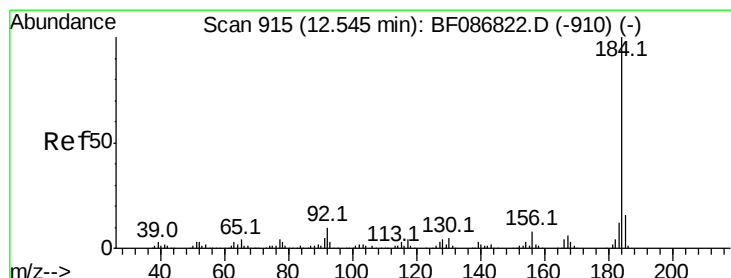
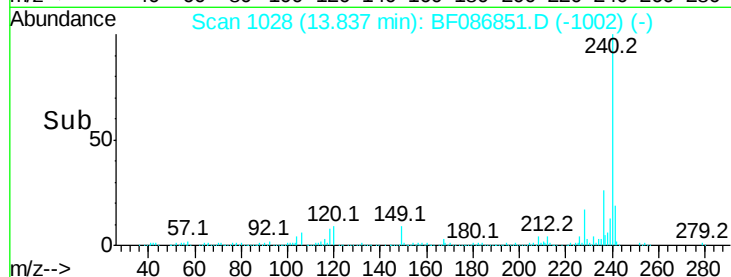
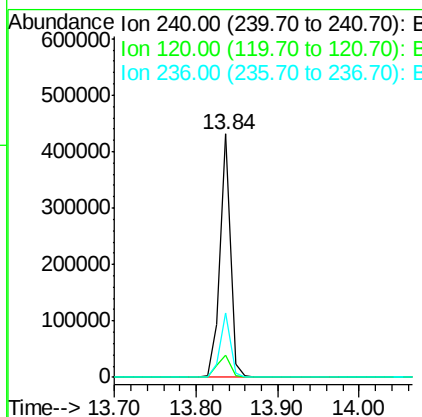
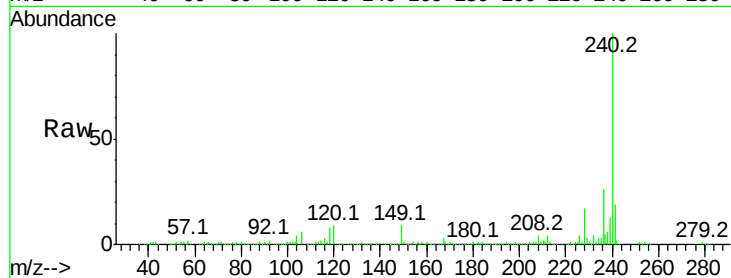
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	384518
Ion Ratio		Lower	Upper
240	100		
120	9.1	11.2	16.8#
236	26.2	21.2	31.8

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#76

Benzidine

Concen: 43.65 ng

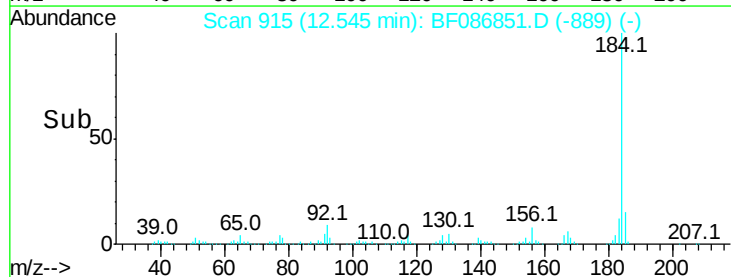
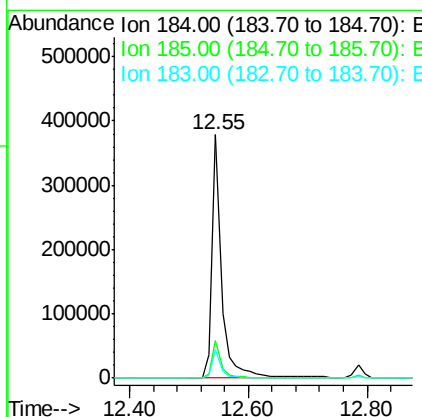
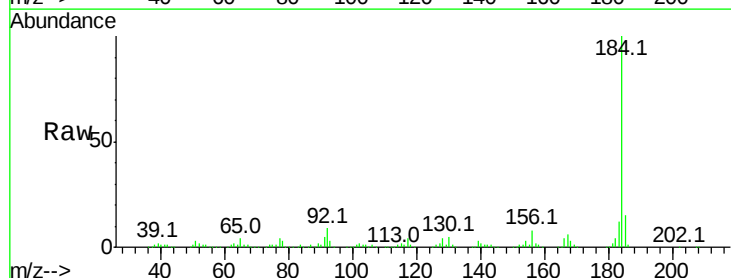
RT: 12.55 min Scan# 915

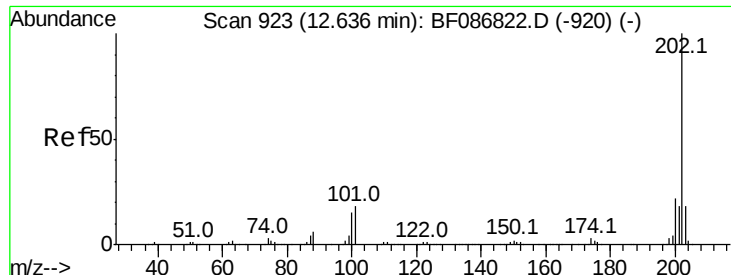
Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:	184	Resp:	427913
Ion Ratio		Lower	Upper
184	100		
185	15.4	13.6	20.4
183	11.6	9.8	14.6





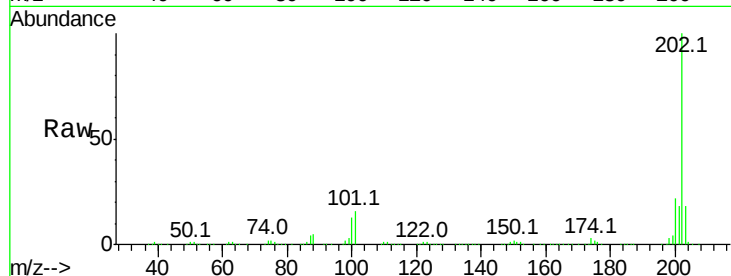
#77
Pvrene
Concen: 35.55 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

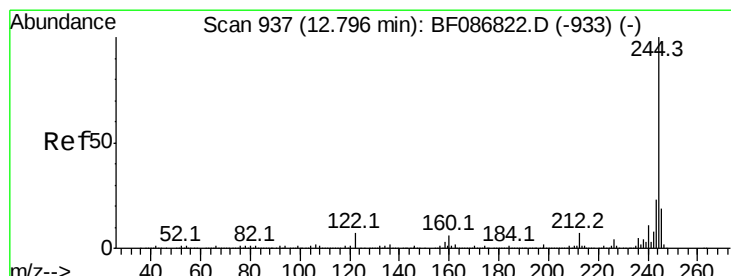
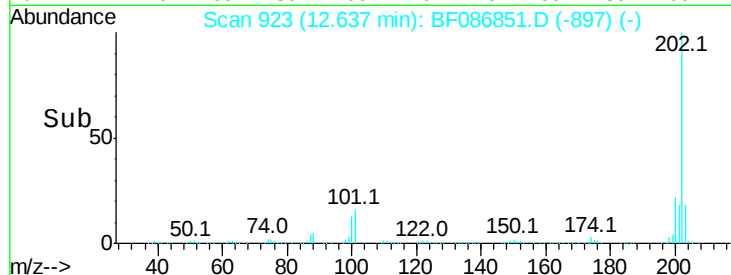
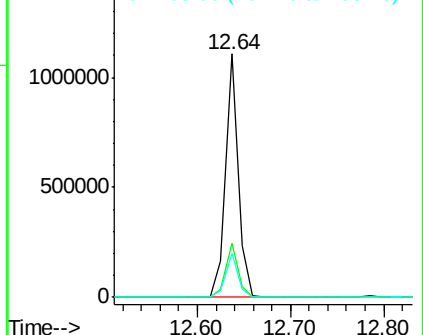
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.0	14.2	21.4

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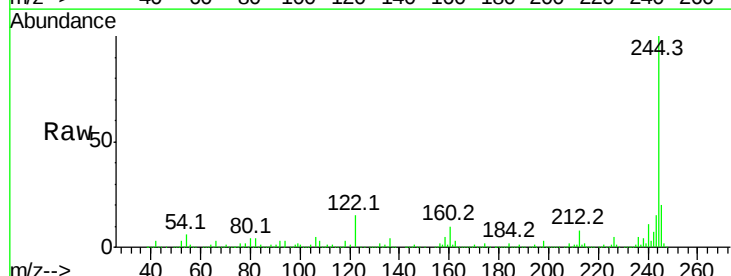


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

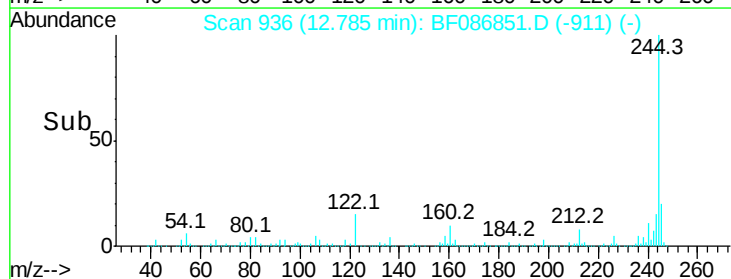
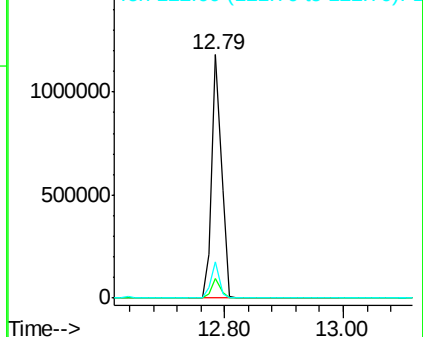


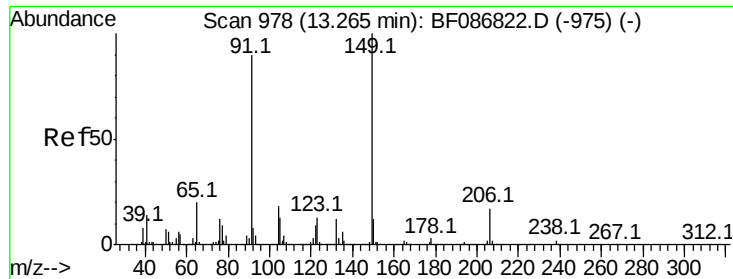
#78
Terphenyl-d14
Concen: 73.76 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.9	12.0	18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





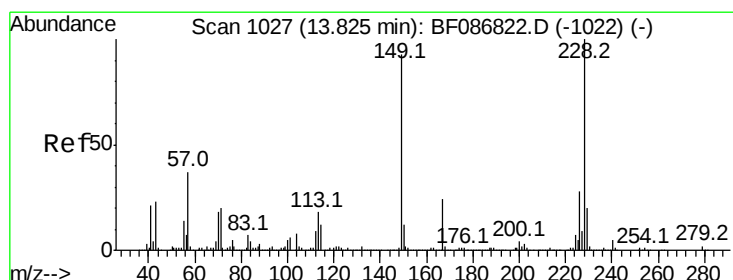
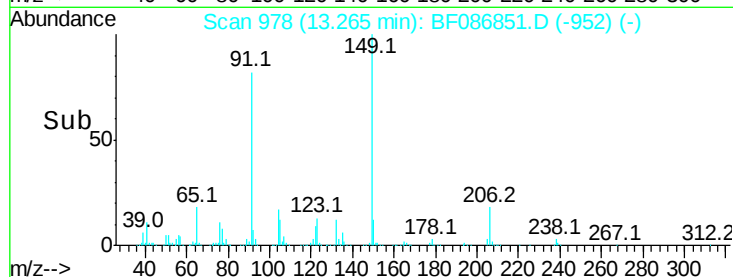
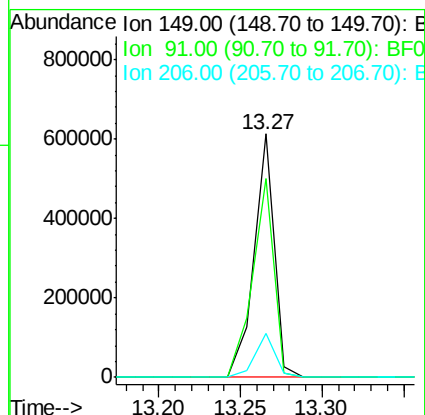
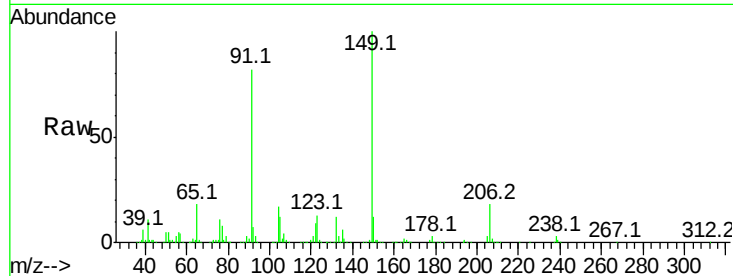
#79
Butylbenzylphthalate
Concen: 42.43 ng
RT: 13.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	81.8	48.0	72.0#	
206	17.9	15.8	23.6	

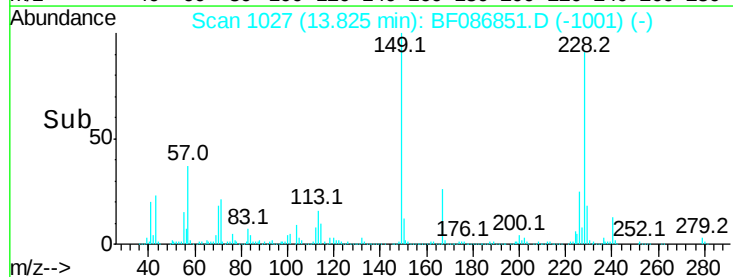
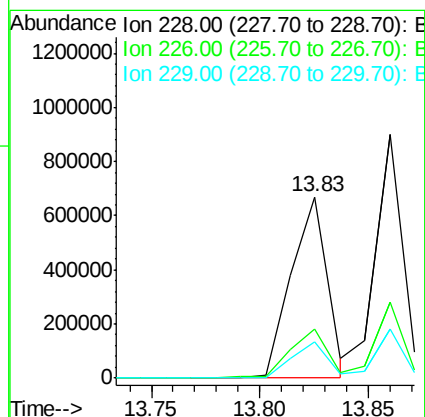
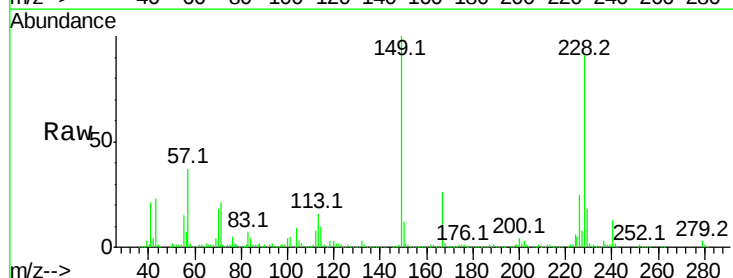
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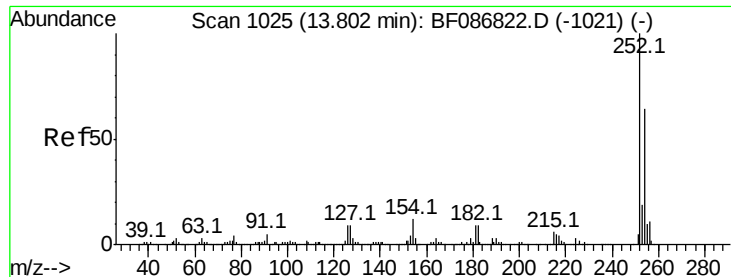
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#80
Benzo(a)anthracene
Concen: 35.92 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.3	22.5	33.7	
229	19.8	16.6	25.0	





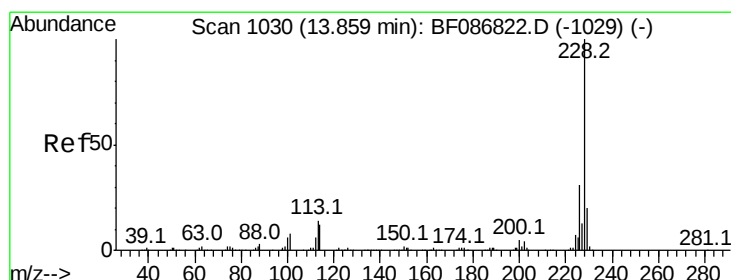
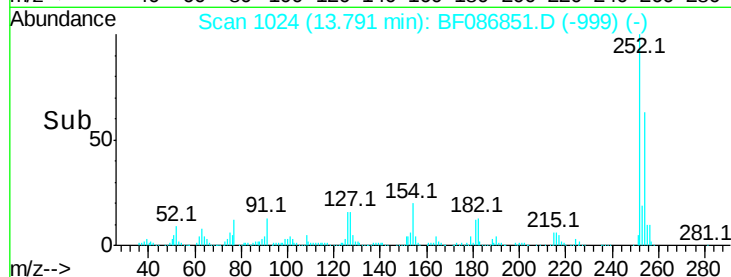
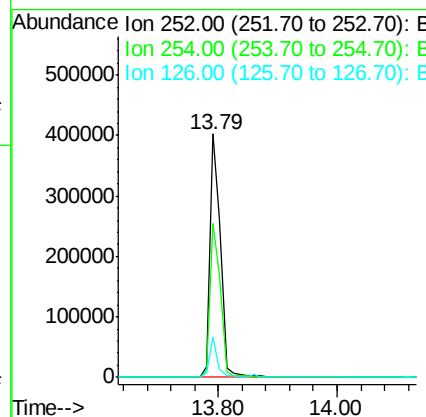
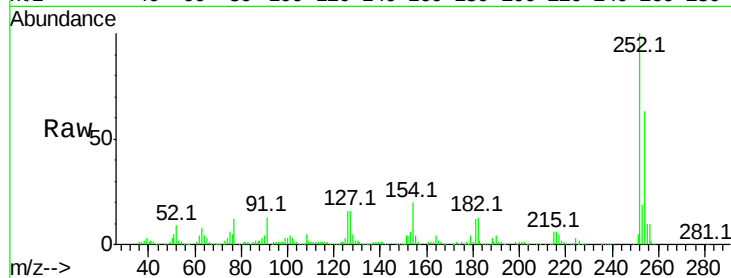
#81
3,3'-Dichlorobenzidine
Concen: 36.42 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	499439		
254	63.3	50.7	76.1	
126	16.3	12.7	19.1	

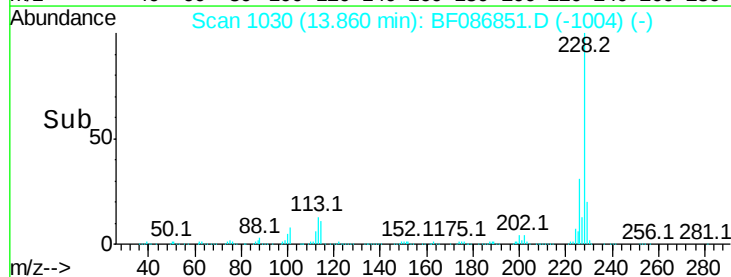
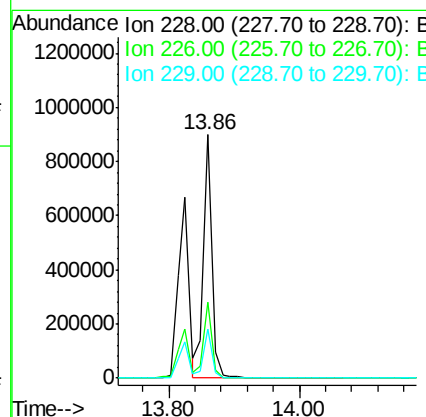
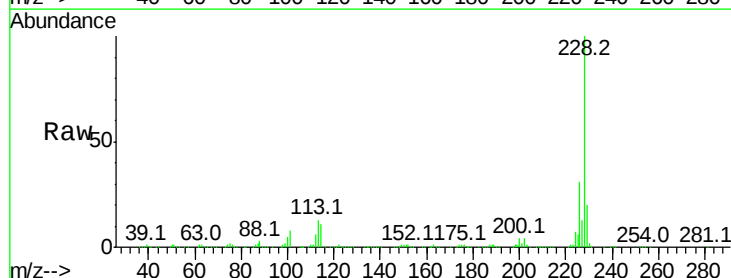
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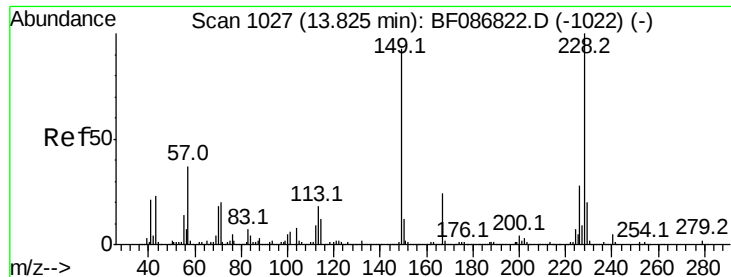
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#82
Chrysene
Concen: 36.44 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	800080		
226	31.3	24.4	36.6	
229	20.0	15.8	23.8	





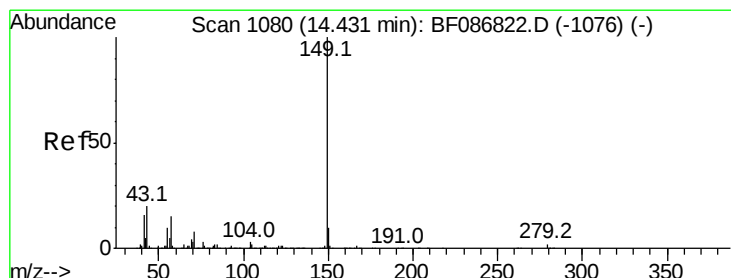
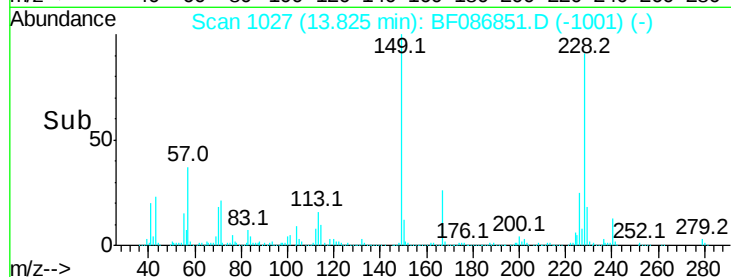
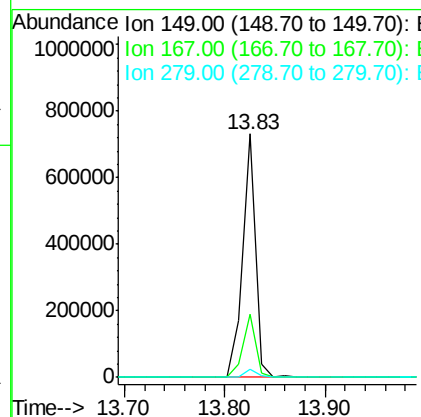
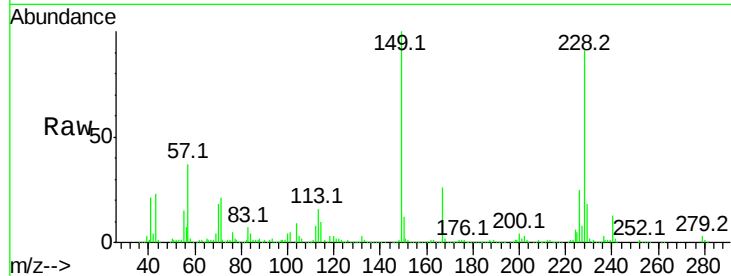
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.56 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	149	Resp:	652418
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.8	32.6
279	3.2	2.6	4.0

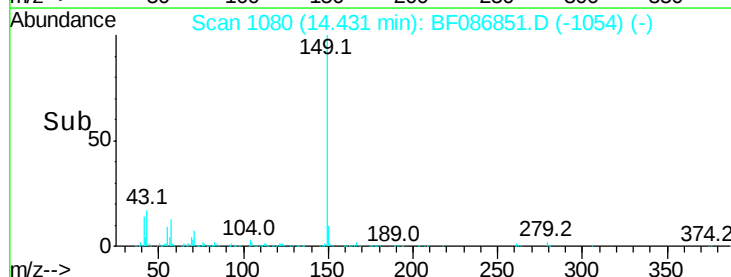
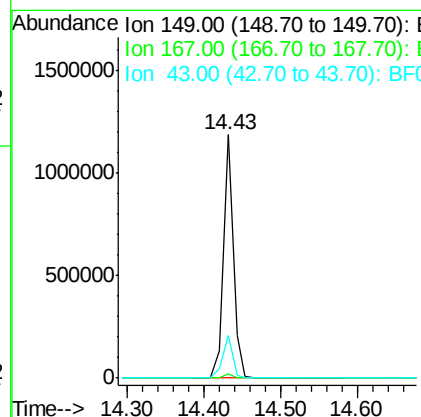
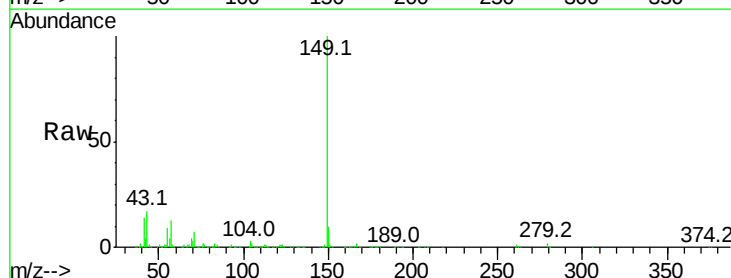
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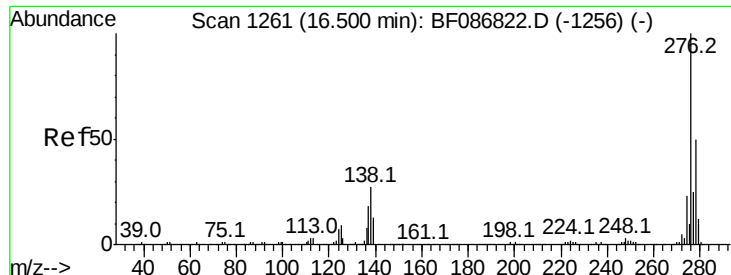
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#84
 Di-n-octyl phthalate
 Concen: 42.63 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion:	149	Resp:	1057661
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	17.3	8.2	12.4#





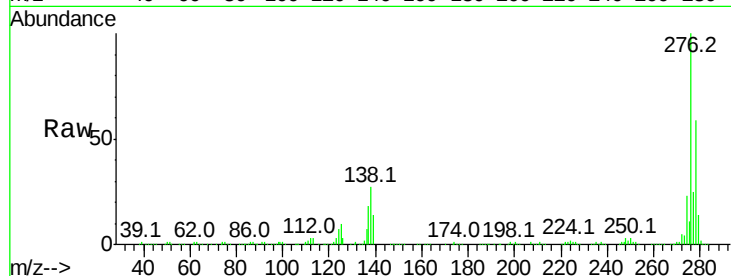
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.25 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

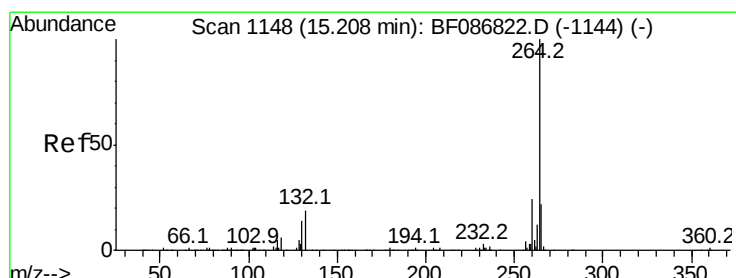
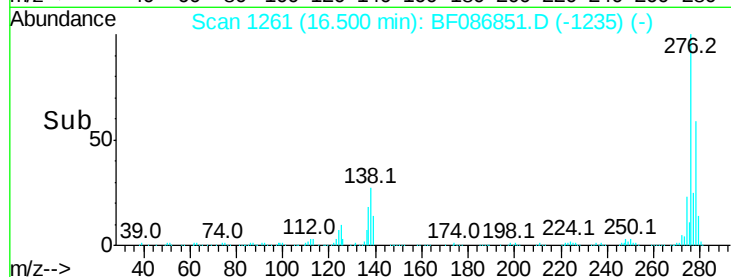
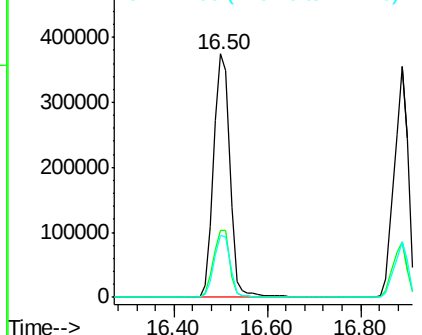
Tot Ion	Ratio	Resp	Lower	Upper
276	100	918029		
138	27.8		25.6	38.4
277	25.2		20.5	30.7

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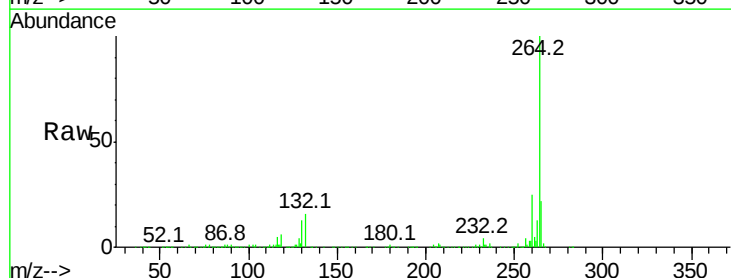


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

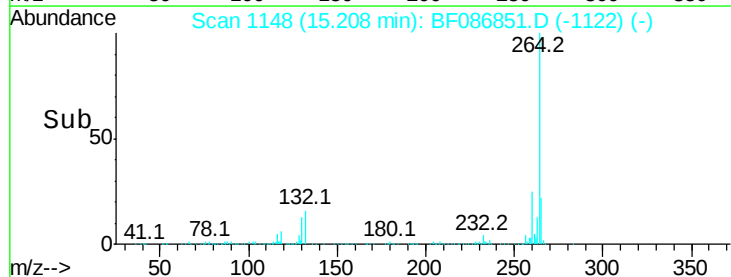
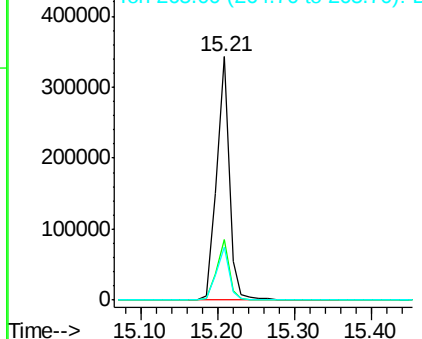


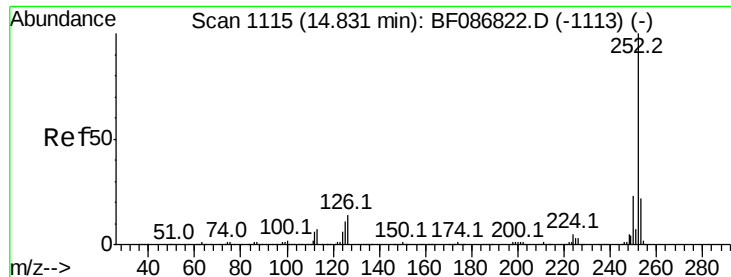
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	395307		
260	24.9		19.5	29.3
265	21.7		17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.97 ng m

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

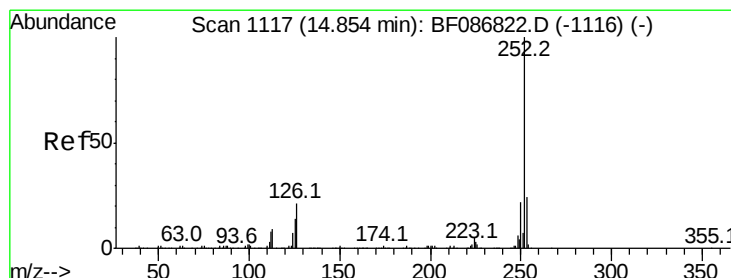
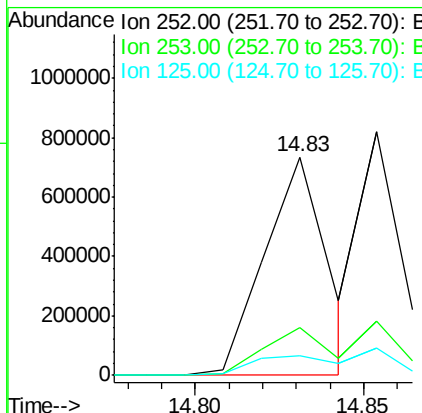
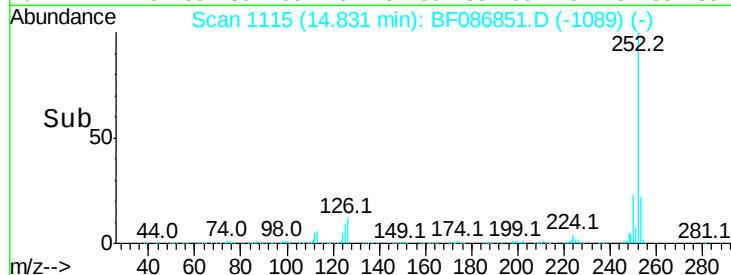
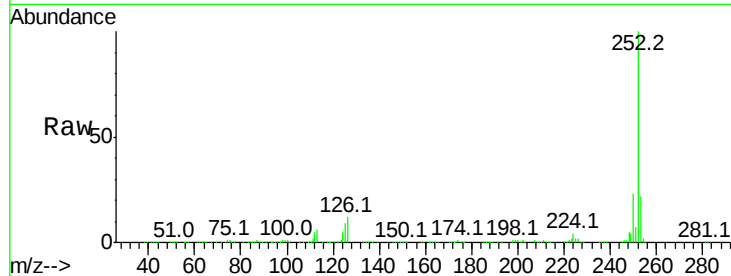
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	949714
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	8.9	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 33.65 ng m

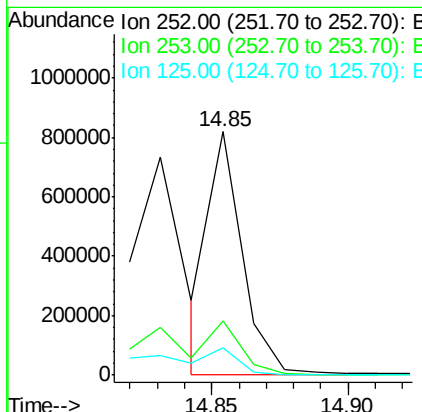
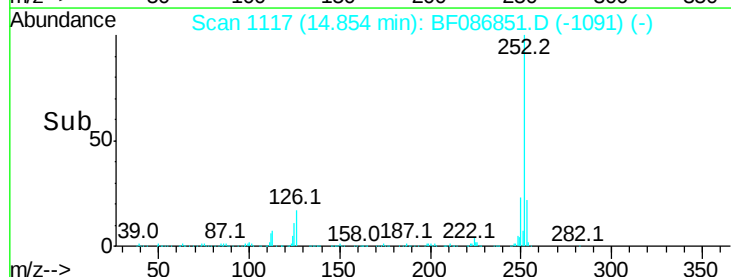
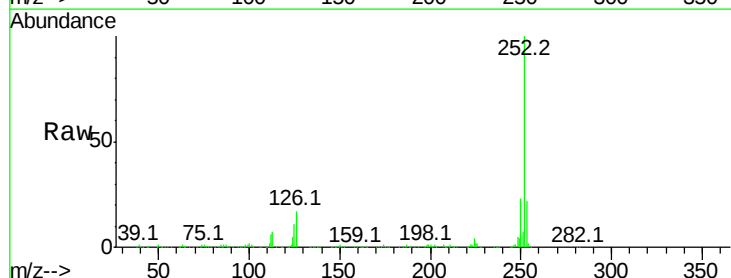
RT: 14.85 min Scan# 1117

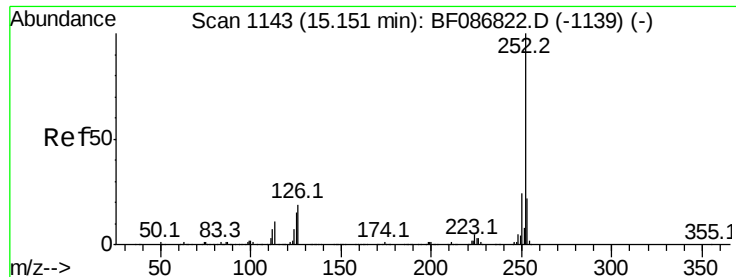
Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:	252	Resp:	707801
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	11.0	9.1	13.7





#89

Benzo(a)pyrene

Concen: 36.45 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

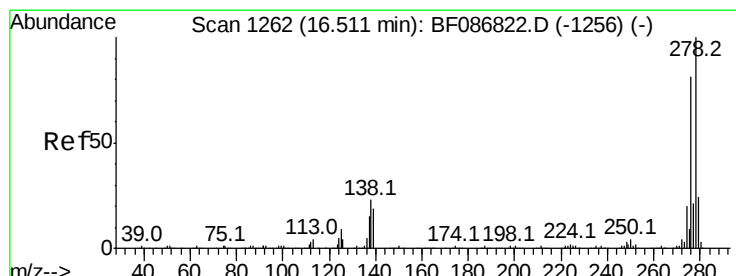
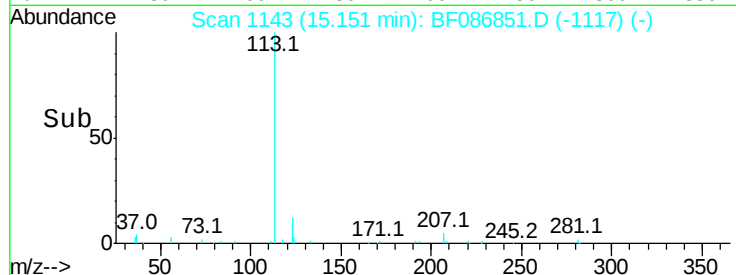
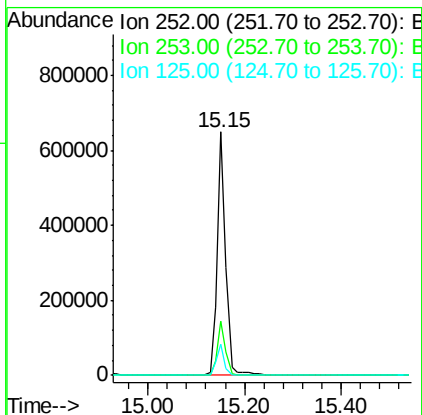
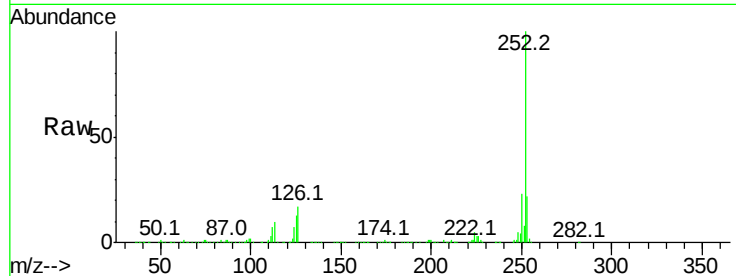
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	807692
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	13.0	9.0	13.6

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#90

Dibenzo(a,h)anthracene

Concen: 41.18 ng

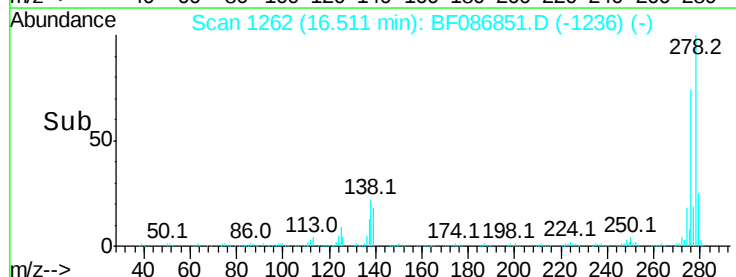
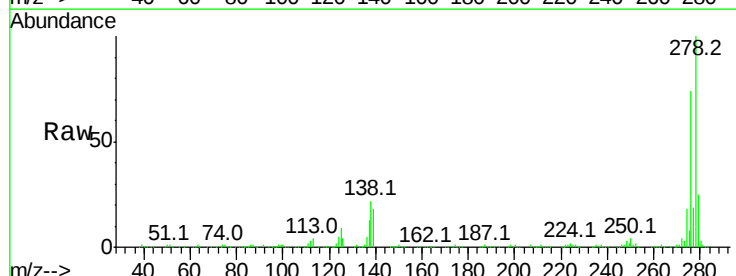
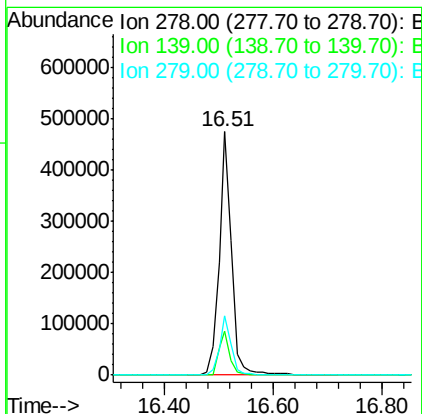
RT: 16.51 min Scan# 1262

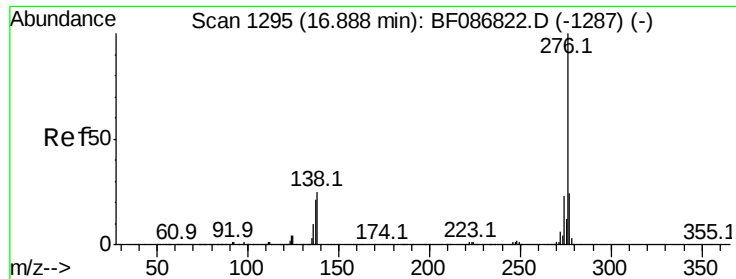
Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:	278	Resp:	769154
Ion Ratio	Lower	Upper	
278	100		
139	18.2	16.6	24.8
279	24.6	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.52 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	19.6	29.4
138	24.3	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:41 AM

