

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084875.D
 Acq On : 5 Feb 2016 22:24
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

UMANGI
 2/8/2016 3:03:05 PM

Quant Time: Feb 05 23:50:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	183241	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	739909	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	330881	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	576315	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	360037	20.00	ng	-0.03
86) Perylene-d12	15.17	264	332815	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	875473	74.42	ng	-0.03
7) Phenol-d6	6.32	99	1071363	73.46	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1075998	81.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	252249	73.09	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1844635	99.63	ng	-0.02
78) Terphenyl-d14	12.76	244	1329617	83.68	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.13	88	184576m	35.82	ng	
3) Pyridine	2.80	79	521835	38.87	ng	# 76
4) n-Nitrosodimethylamine	2.75	42	266307	38.35	ng	82
6) Aniline	6.33	93	699502	39.20	ng	# 82
8) 2-Chlorophenol	6.45	128	524553	39.39	ng	91
9) Benzaldehyde	6.20	77	313357	36.38	ng	98
10) Phenol	6.33	94	560464	34.30	ng	# 38
11) bis(2-Chloroethyl)ether	6.41	93	494269	38.79	ng	86
12) 1,3-Dichlorobenzene	6.60	146	567476m	40.34	ng	
13) 1,4-Dichlorobenzene	6.68	146	577979	41.09	ng	94
14) 1,2-Dichlorobenzene	6.83	146	461497	35.23	ng	96
15) Benzyl Alcohol	6.82	79	367671	36.51	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	808013	37.70	ng	90
17) 2-Methylphenol	6.94	107	422750	40.14	ng	# 92
18) Hexachloroethane	7.17	117	214781	39.65	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	329261	36.02	ng	# 75
20) 3+4-Methylphenols	7.10	107	527816	40.38	ng	89
22) Acetophenone	7.08	105	729423	37.40	ng	# 99
24) Nitrobenzene	7.25	77	489661	34.81	ng	93
25) Isophorone	7.50	82	980784	38.40	ng	96
26) 2-Nitrophenol	7.57	139	292284	42.13	ng	# 90
27) 2,4-Dimethylphenol	7.63	122	448073	37.13	ng	88
28) bis(2-Chloroethoxy)methane	7.72	93	566883	37.41	ng	# 97
29) 2,4-Dichlorophenol	7.82	162	402776	39.01	ng	93
30) 1,2,4-Trichlorobenzene	7.89	180	427473	36.66	ng	96
31) Naphthalene	7.97	128	1394984	37.59	ng	99
32) Benzoic acid	7.78	122	316545	41.02	ng	95
33) 4-Chloroaniline	8.03	127	553566	36.06	ng	99
34) Hexachlorobutadiene	8.10	225	264812	39.38	ng	99
35) Caprolactam	8.42	113	114260	35.91	ng	# 52
36) 4-Chloro-3-methylphenol	8.52	107	405353	34.42	ng	93
37) 2-Methylnaphthalene	8.66	142	842869	36.29	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	418454	39.82	ng	99
40) Hexachlorocyclopentadiene	8.82	237	173364	45.60	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	249884	36.91	nq	96
43) 2,4,5-Trichlorophenol	8.99	196	272273	39.58	nq #	90
45) 1,1'-Biphenyl	9.13	154	1056059	35.73	nq	99
46) 2-Chloronaphthalene	9.15	162	825203	37.92	nq	94
47) 2-Nitroaniline	9.25	65	266239	38.63	nq	96
48) Acenaphthylene	9.56	152	1236128	37.43	nq	97
49) Dimethylphthalate	9.44	163	972130	38.57	nq #	89
50) 2,6-Dinitrotoluene	9.50	165	233406	42.40	nq	90
51) Acenaphthene	9.73	154	778059	36.21	nq	98
52) 3-Nitroaniline	9.66	138	212426	34.34	nq	95
53) 2,4-Dinitrophenol	9.78	184	78832	34.58	nq #	82
54) Dibenzofuran	9.90	168	997623	37.99	nq	94
55) 4-Nitrophenol	9.85	139	170150	37.42	nq	92
56) 2,4-Dinitrotoluene	9.90	165	294094	41.88	nq #	91
57) Fluorene	10.25	166	852856	38.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	218837	41.79	nq	90
59) Diethylphthalate	10.13	149	899270	36.54	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	433760	47.48	nq #	88
61) 4-Nitroaniline	10.28	138	251392	41.70	nq	88
62) Azobenzene	10.40	77	892083	37.70	nq	85
64) 4,6-Dinitro-2-methylphenol	10.30	198	140411	39.47	nq #	55
65) n-Nitrosodiphenylamine	10.36	169	682353	37.29	nq	98
66) 4-Bromophenyl-phenylether	10.73	248	254170	39.93	nq #	76
67) Hexachlorobenzene	10.80	284	296553	42.76	nq #	87
68) Atrazine	10.90	200	245671	42.51	nq	98
69) Pentachlorophenol	10.99	266	138930	42.62	nq	98
70) Phenanthrene	11.21	178	1276291	39.93	nq	99
71) Anthracene	11.25	178	1248321	38.76	nq	99
72) Carbazole	11.41	167	1075346	38.29	nq	99
73) Di-n-butylphthalate	11.76	149	1524798	42.64	nq #	98
74) Fluoranthene	12.39	202	1268767	39.22	nq	97
76) Benzidine	12.51	184	487926	38.40	nq	99
77) Pyrene	12.61	202	1292753	46.90	nq	99
79) Butylbenzylphthalate	13.24	149	556880	44.53	nq	97
80) Benzo(a)anthracene	13.79	228	912797	40.85	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	327961	41.45	nq #	98
82) Chrysene	13.84	228	938175	43.30	nq	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	667323	42.88	nq	100
84) Di-n-octyl phthalate	14.42	149	1068974	41.64	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	870665	51.05	nq	99
87) Benzo(b)fluoranthene	14.80	252	718286m	32.12	nq	
88) Benzo(k)fluoranthene	14.83	252	783554m	42.38	nq	
89) Benzo(a)pyrene	15.12	252	705029	37.00	nq #	95
90) Dibenzo(a,h)anthracene	16.47	278	714618	44.55	nq #	95
91) Benzo(g,h,i)perylene	16.83	276	755528	46.76	nq	98

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

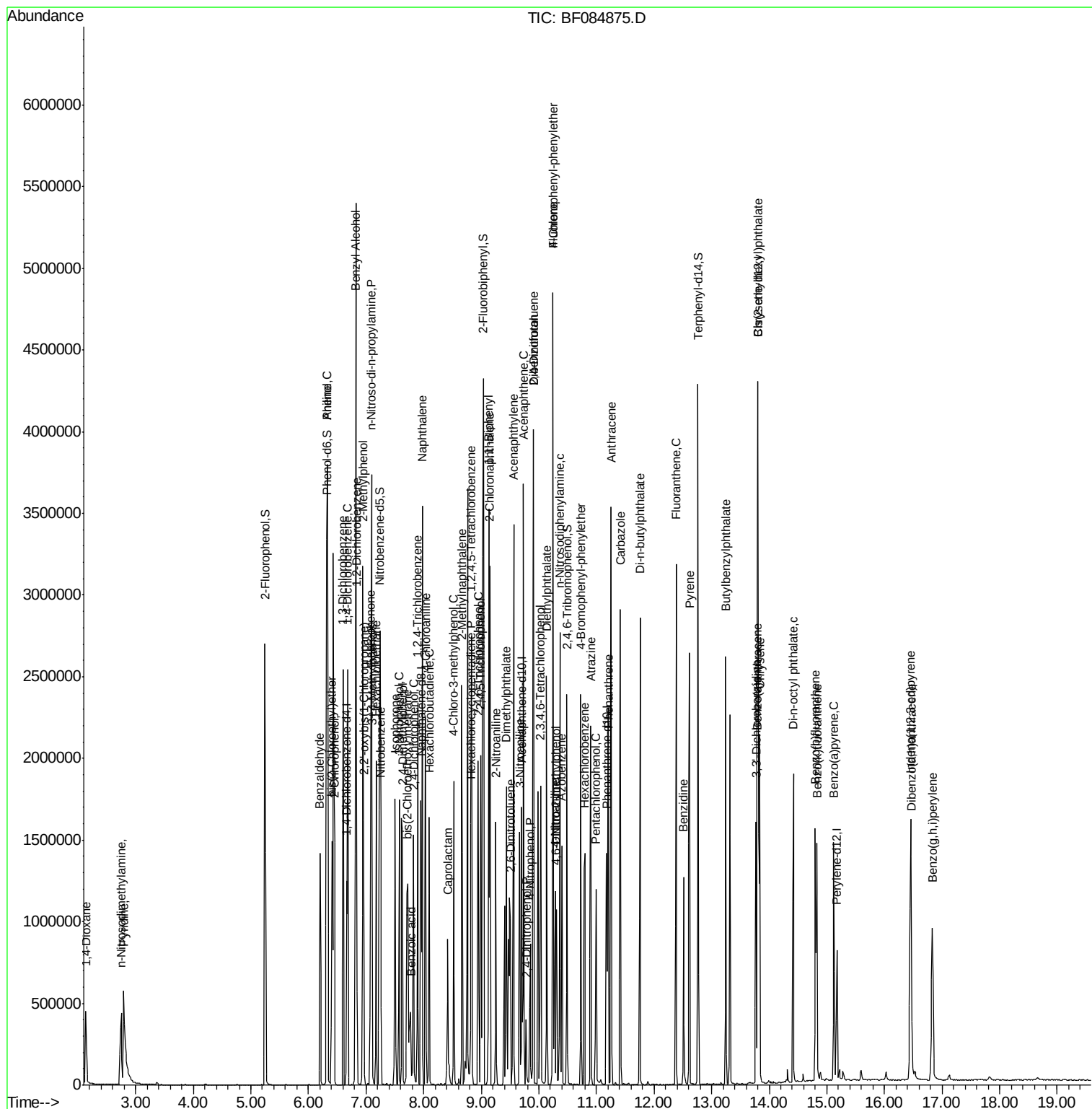
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
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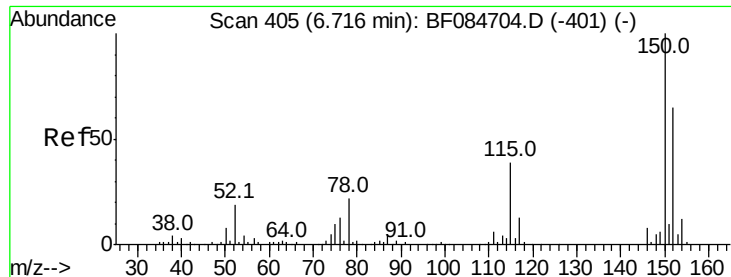
Instrument :
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ClientSampleId :
SSTDCCC040EC

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

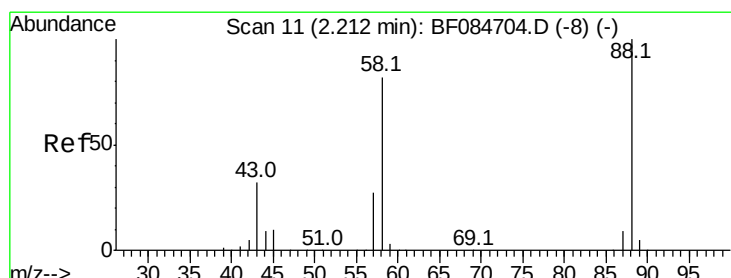
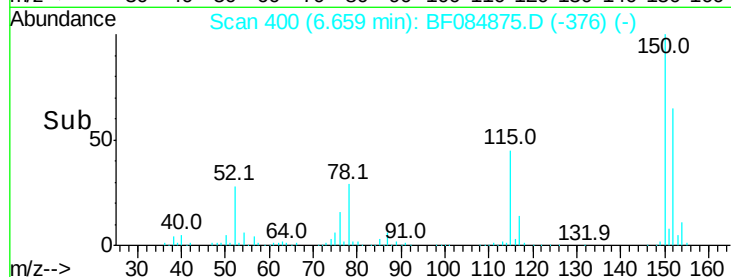
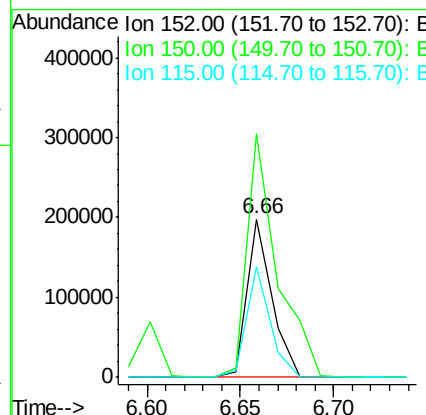
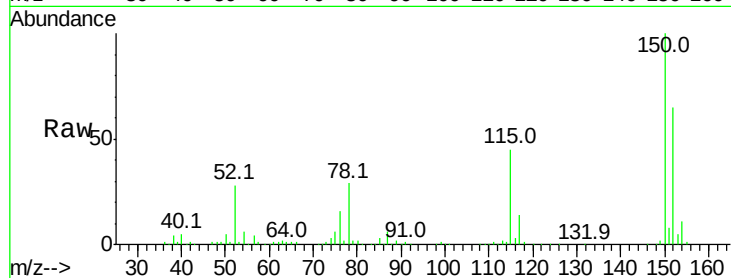
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	183241
Ion Ratio	Lower	Upper	
152	100		
150	153.7	123.0	184.4
115	69.4	51.4	77.2

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#2

1,4-Dioxane

Concen: 35.82 ng m

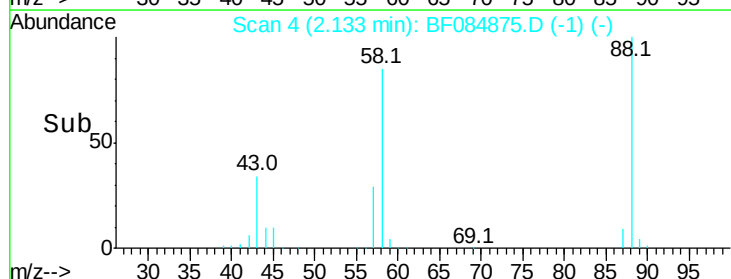
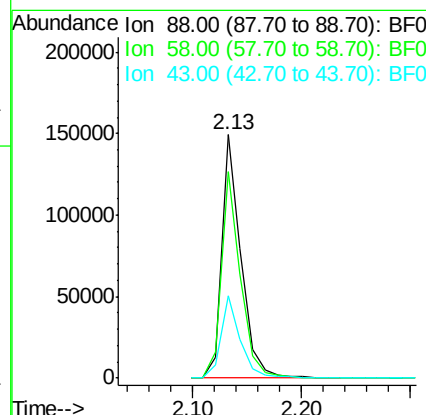
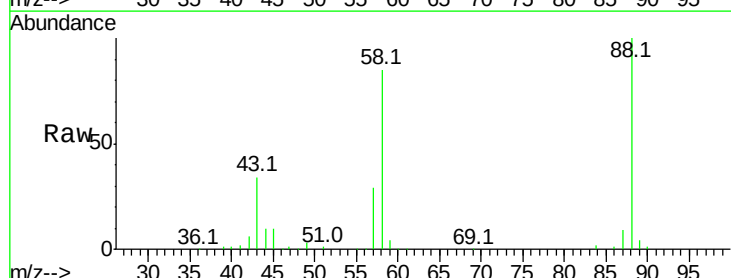
RT: 2.13 min Scan# 4

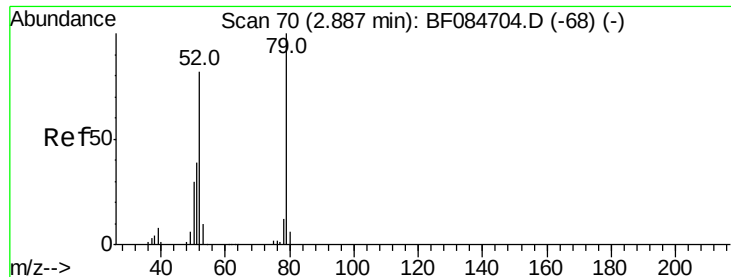
Delta R.T. -0.05 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	88	Resp:	184576
Ion Ratio	Lower	Upper	
88	100		
58	78.5	51.2	76.8#
43	32.2	19.5	29.3#





#3

Pvridine

Concen: 38.87 ng

RT: 2.80 min Scan# 62

Delta R.T. -0.05 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

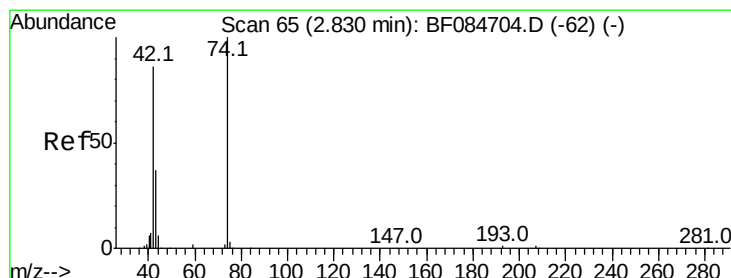
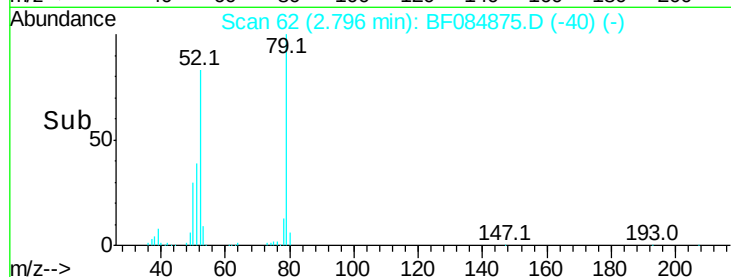
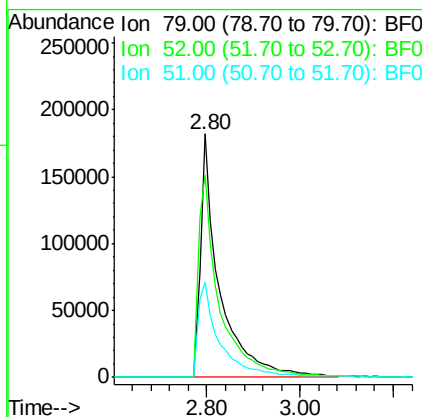
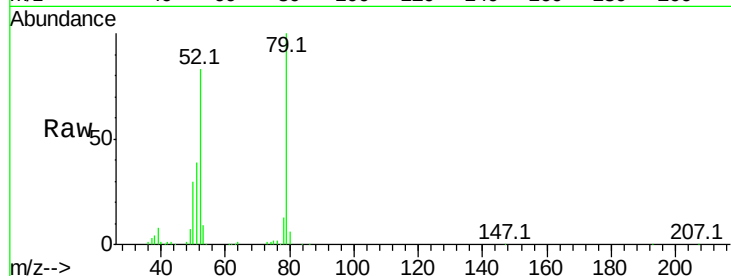
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	521835
Ion Ratio	Lower	Upper	
79	100		
52	83.4	49.0	73.4#
51	39.3	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 38.35 ng

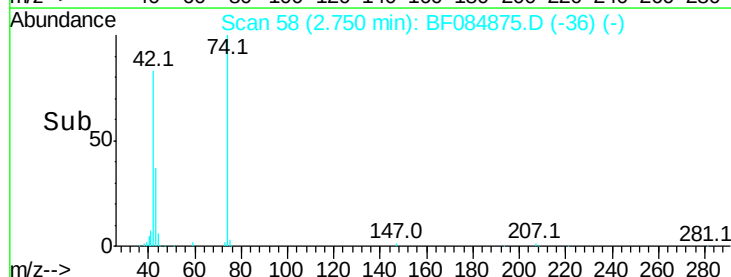
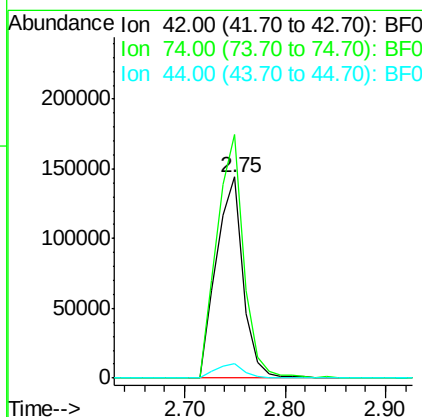
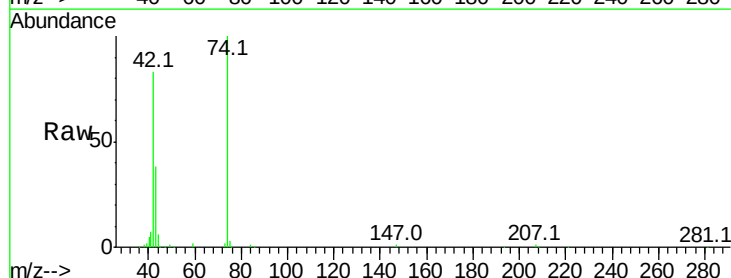
RT: 2.75 min Scan# 58

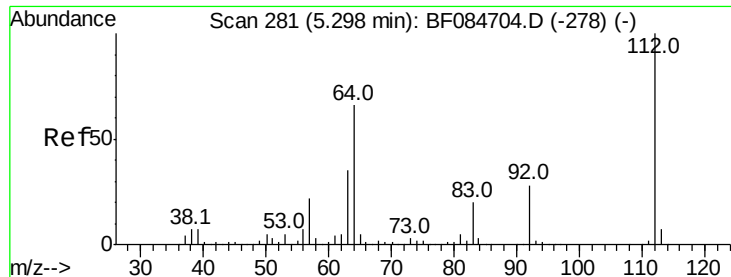
Delta R.T. -0.05 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	42	Resp:	266307
Ion Ratio	Lower	Upper	
42	100		
74	121.2	115.7	173.5
44	7.3	5.1	7.7





#5

2-Fluorophenol

Concen: 74.42 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

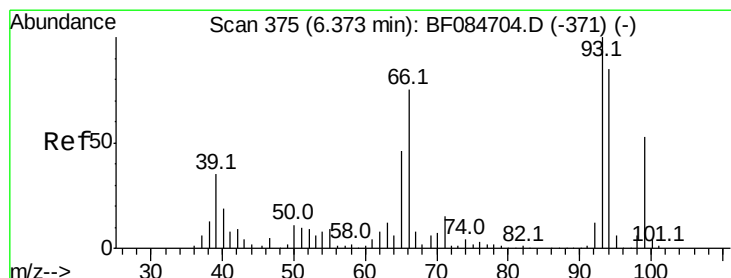
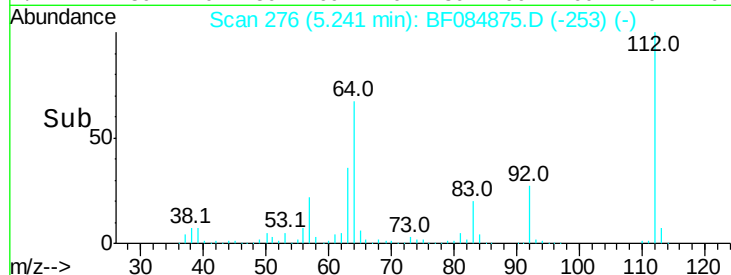
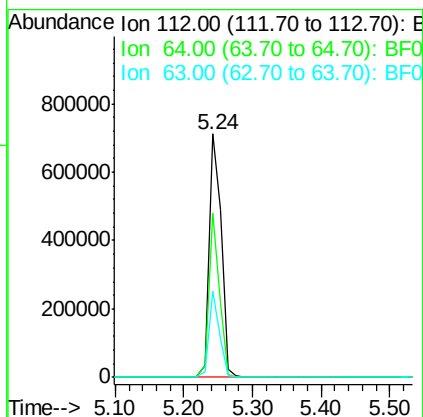
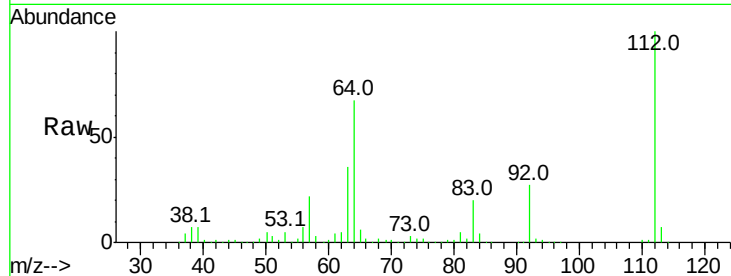
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	875473
Ion Ratio	Lower	Upper	
112	100		
64	67.4	36.6	55.0#
63	35.6	19.4	29.0#

Manual Integrations
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#6

Aniline

Concen: 39.20 ng

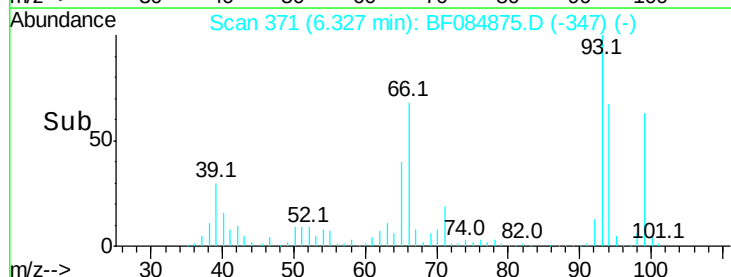
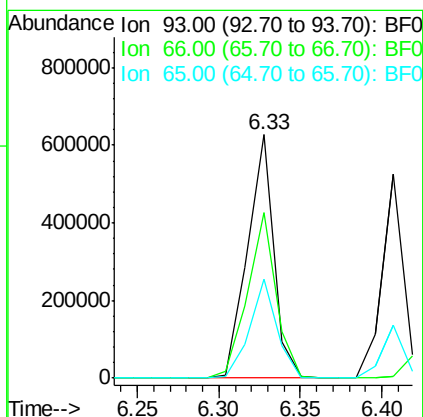
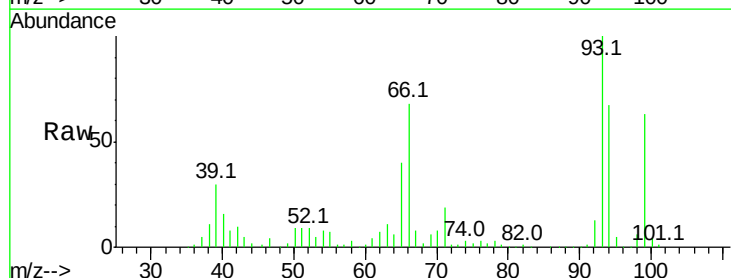
RT: 6.33 min Scan# 371

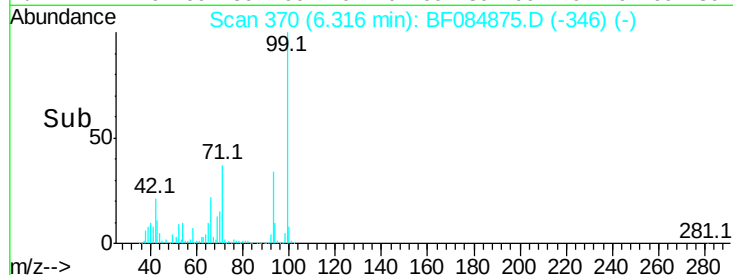
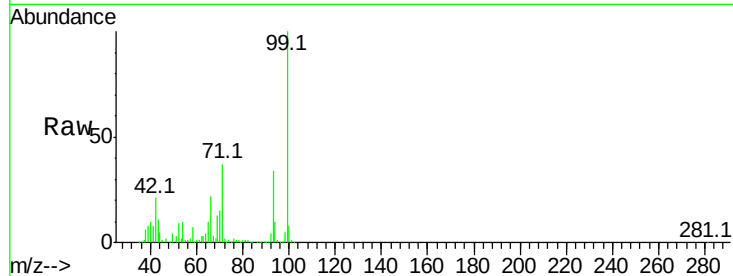
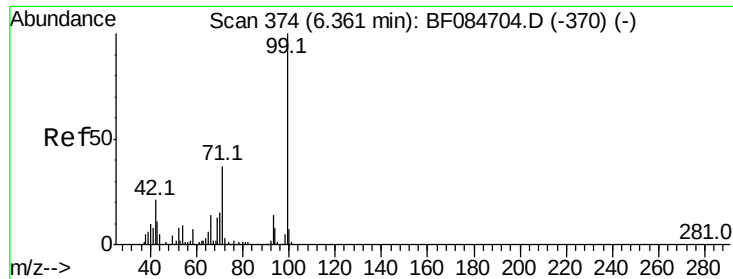
Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	93	Resp:	699502
Ion Ratio	Lower	Upper	
93	100		
66	68.2	44.9	67.3#
65	40.4	23.7	35.5#





#7

Phenol-d6

Concen: 73.46 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tot Ion: 99 Resp: 1071363

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

71 37.1 30.9 46.3

Instrument :

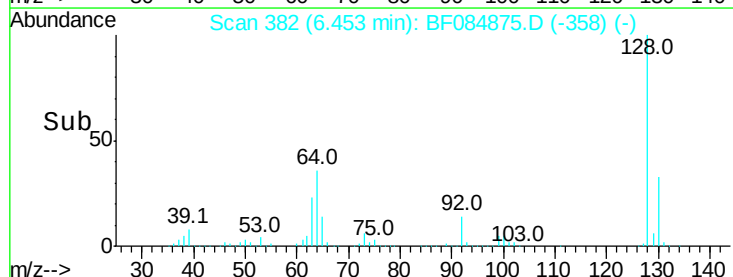
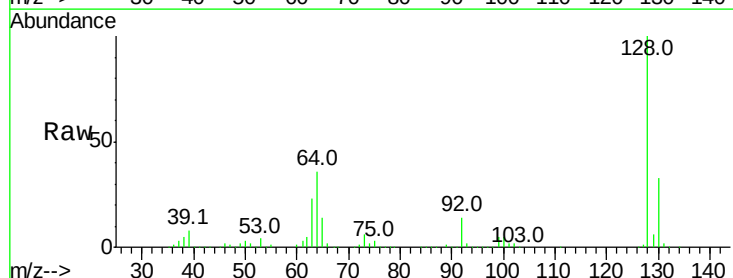
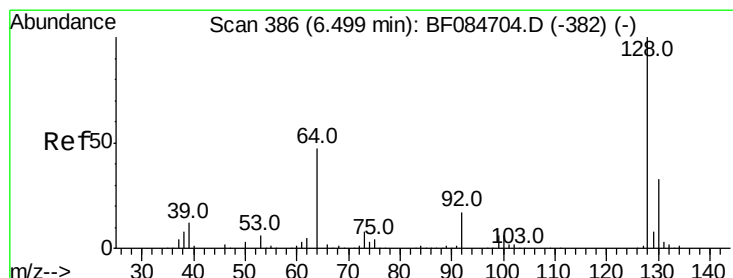
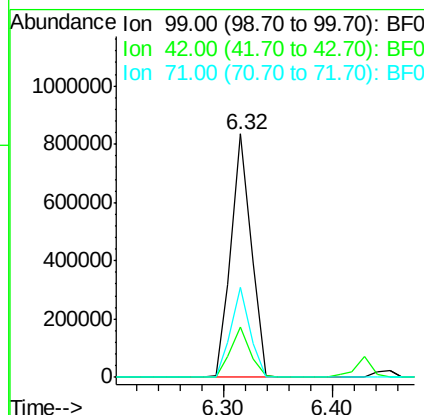
BNA_F

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#8

2-Chlorophenol

Concen: 39.39 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

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Acq: 5 Feb 2016 22:24

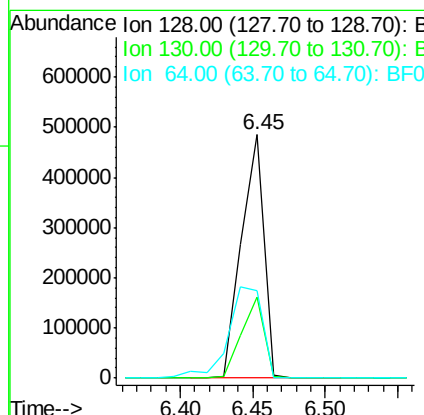
Tgt Ion:128 Resp: 524553

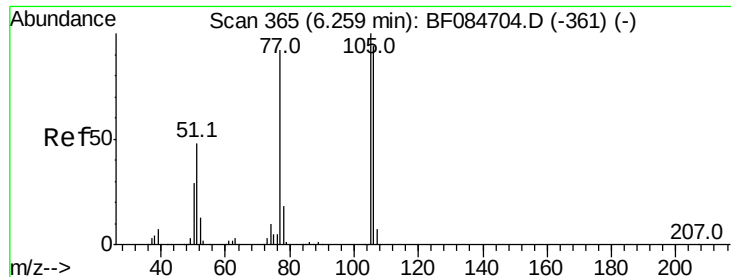
Ion Ratio Lower Upper

128 100

130 33.4 11.6 51.6

64 35.8 23.8 63.8





#9

Benzaldehyde

Concen: 36.38 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

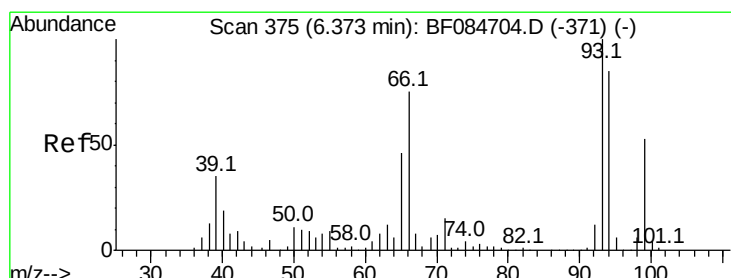
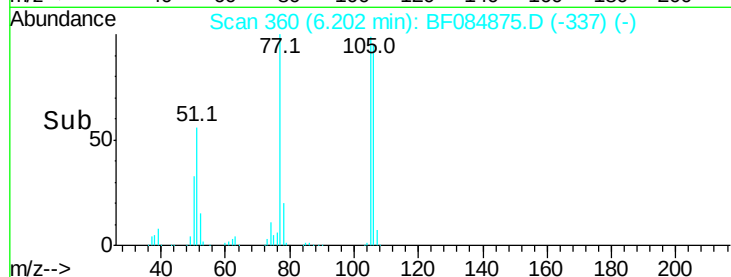
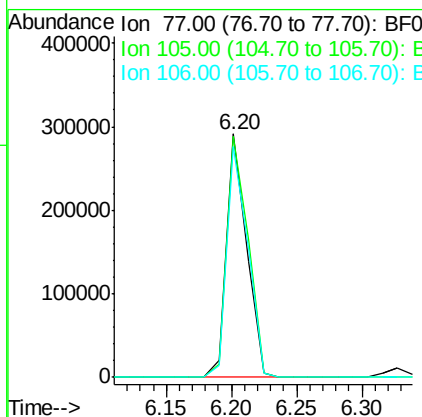
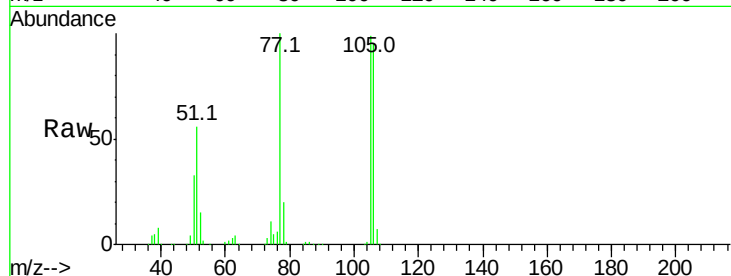
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	313357
Ion Ratio	Lower	Upper	
77	100		
105	98.9	83.0	123.0
106	94.6	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 34.30 ng

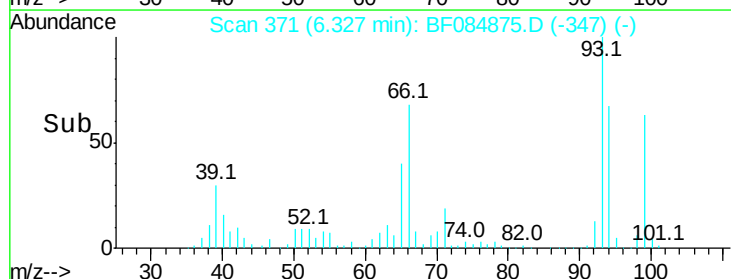
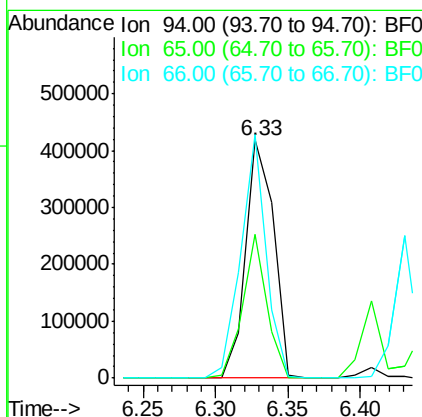
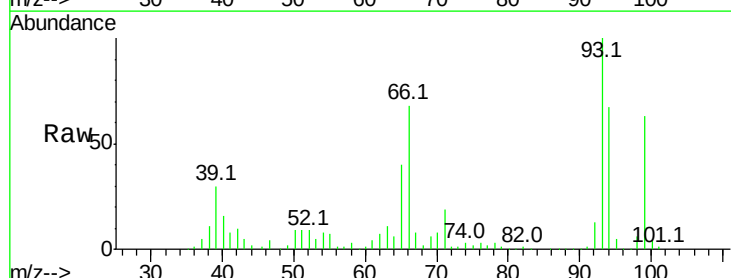
RT: 6.33 min Scan# 371

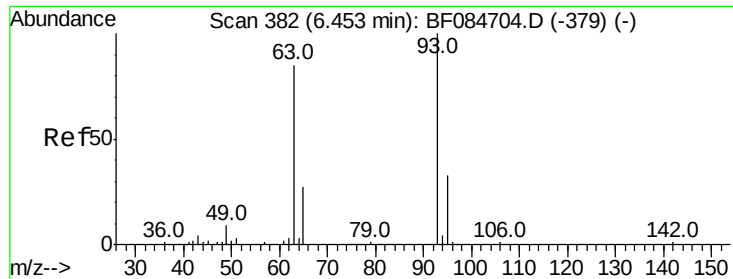
Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	94	Resp:	560464
Ion Ratio	Lower	Upper	
94	100		
65	60.6	12.9	52.9#
66	102.3	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 38.79 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

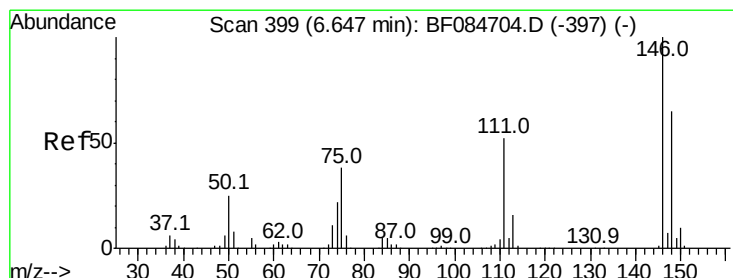
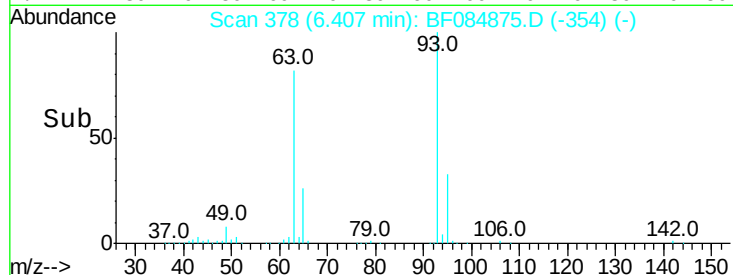
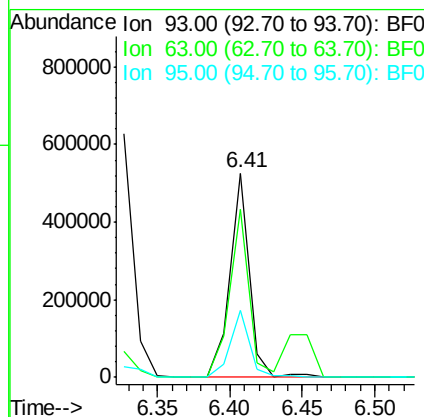
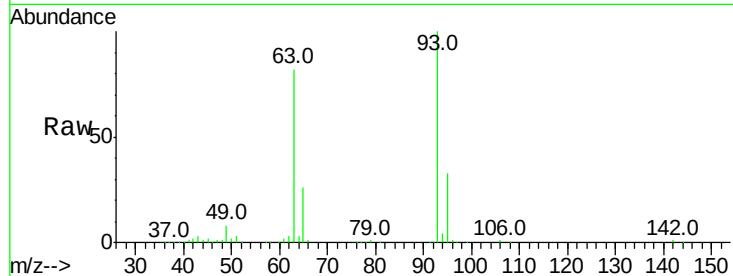
ClientSampleId :

SSTDCCC040EC

Tot Ion	93	Resp	494269
Ion Ratio	100	Lower	Upper
93	100		
63	82.1	45.9	85.9
95	33.0	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 40.34 ng m

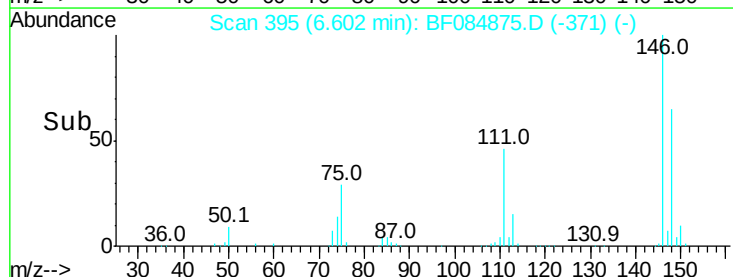
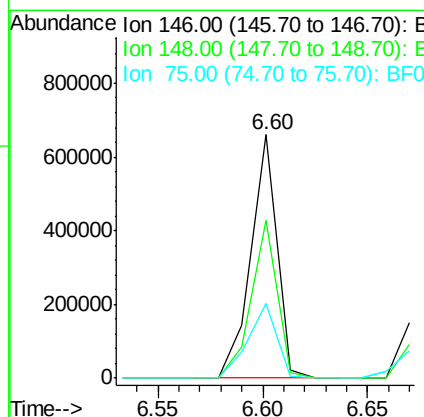
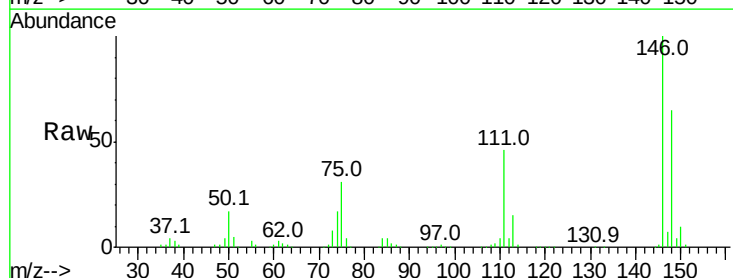
RT: 6.60 min Scan# 395

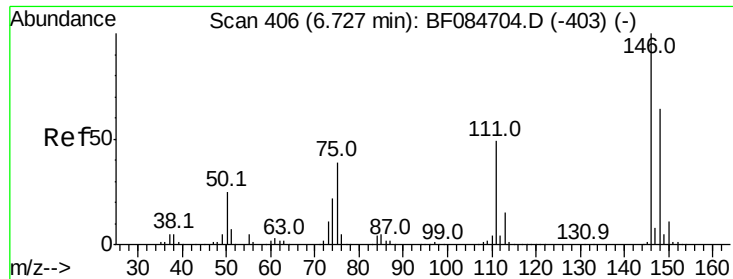
Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion	146	Resp	567476
Ion Ratio	100	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	30.8	20.5	30.7#





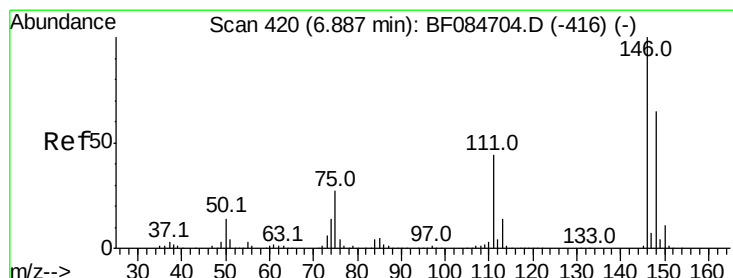
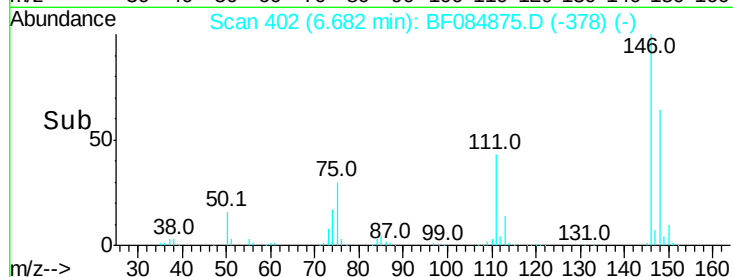
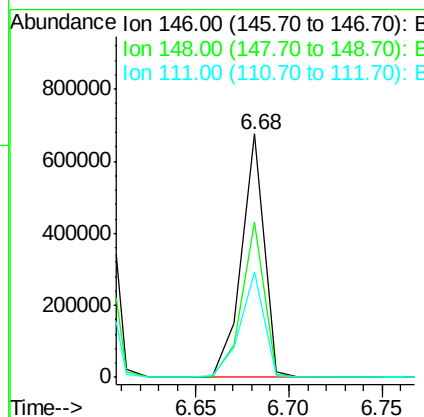
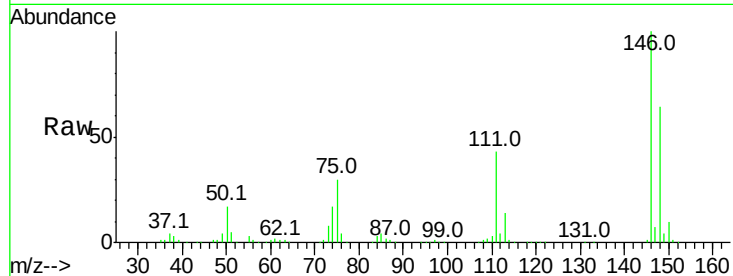
#13
 1,4-Dichlorobenzene
 Concen: 41.09 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	43.4	41.6	62.4

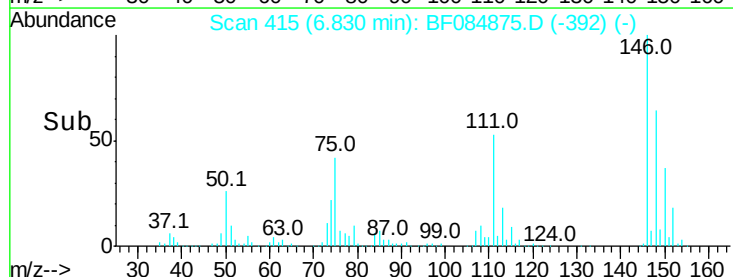
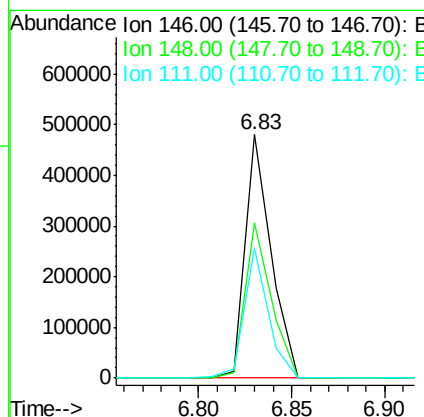
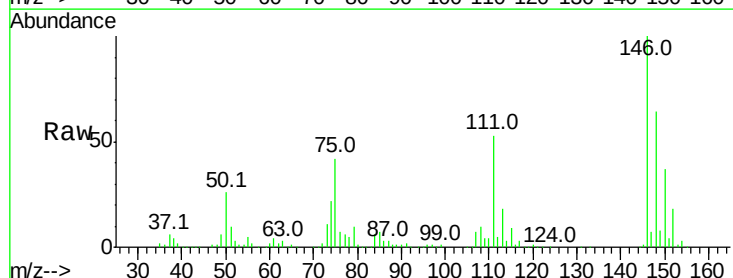
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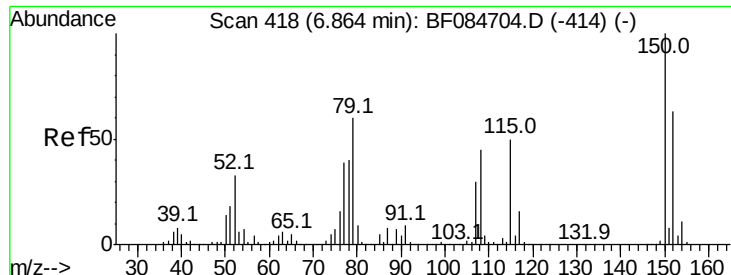
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#14
 1,2-Dichlorobenzene
 Concen: 35.23 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	53.4	38.0	57.0





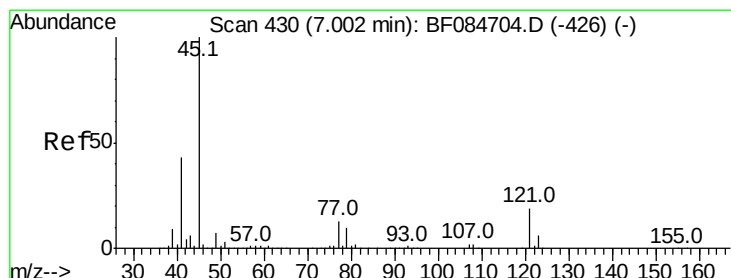
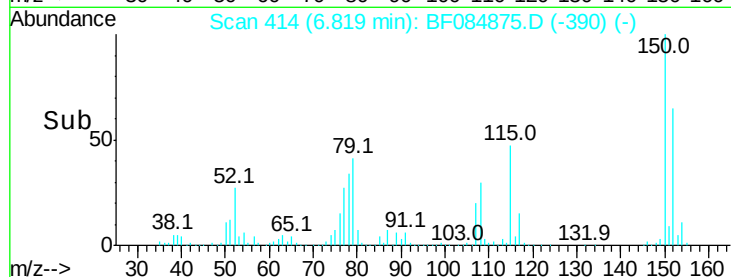
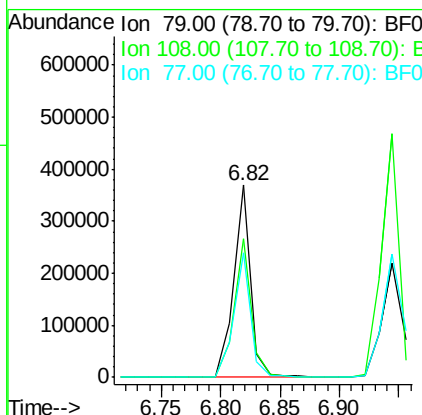
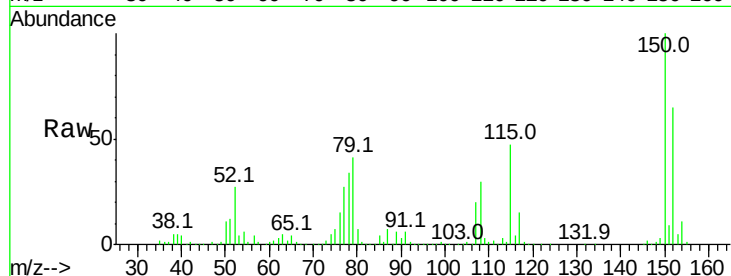
#15
Benzyl Alcohol
Concen: 36.51 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	69.0	103.4
77	65.0	50.0	75.0

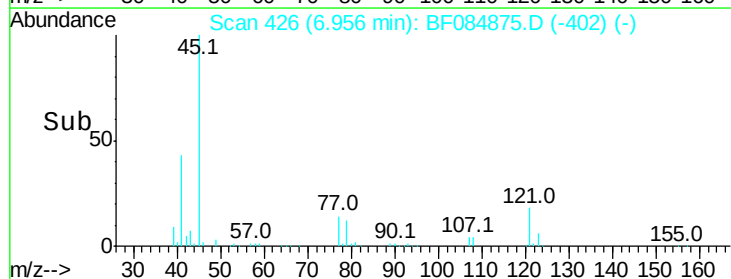
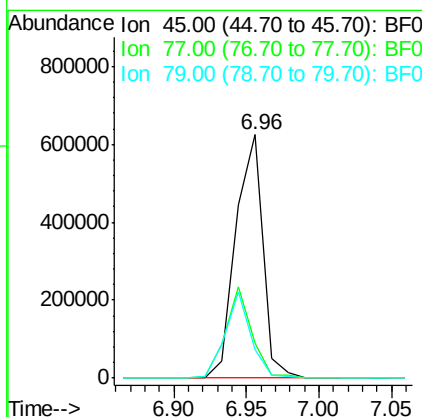
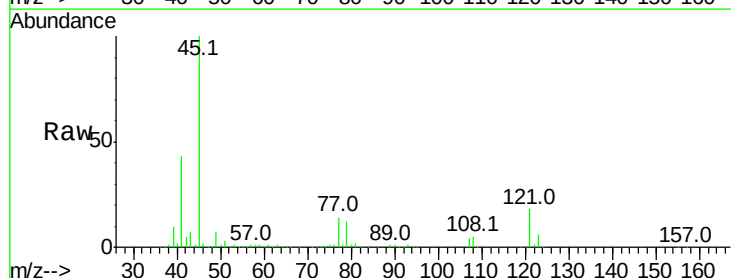
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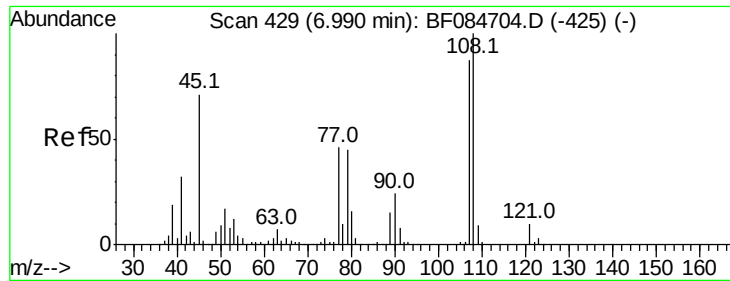
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.70 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	39.6
79	11.7	0.0	35.0





#17

2-Methylphenol

Concen: 40.14 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

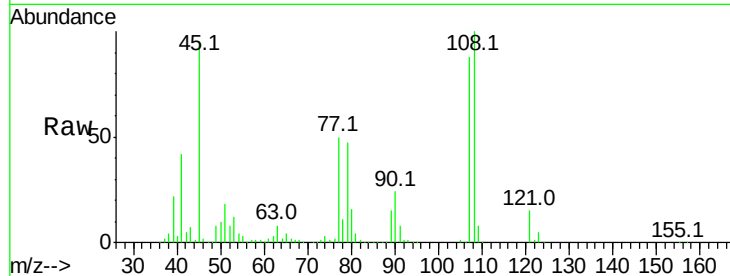
ClientSampleId :

SSTDCCC040EC

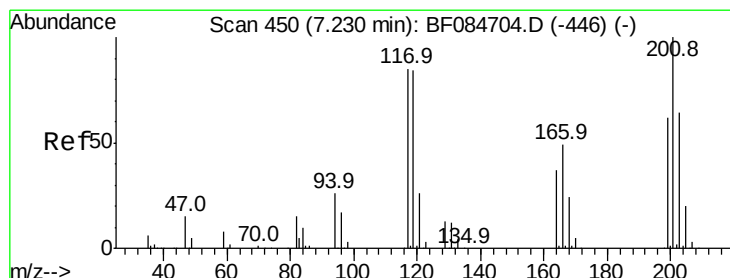
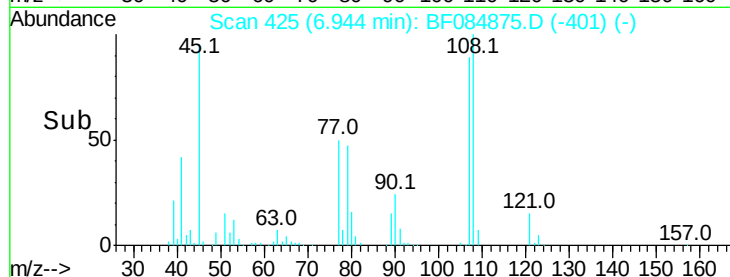
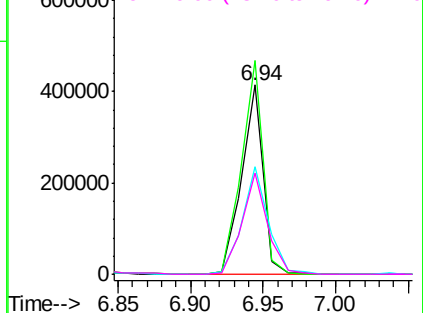
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.8	134.6
77	57.0	35.7	53.5
79	53.3	35.7	53.5

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



#18

Hexachloroethane

Concen: 39.65 ng

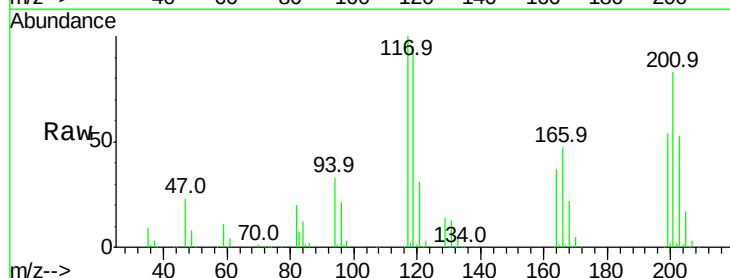
RT: 7.17 min Scan# 445

Delta R.T. -0.02 min

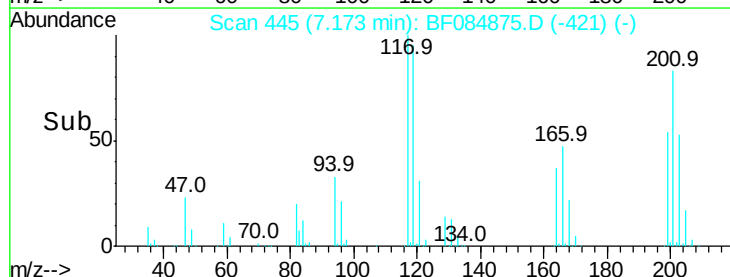
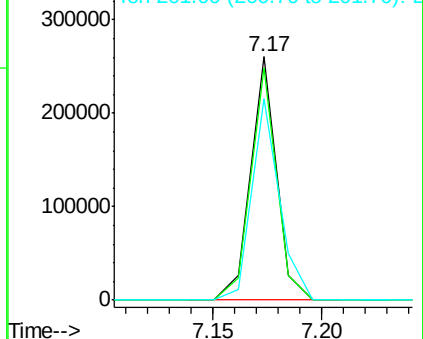
Lab File: BF084875.D

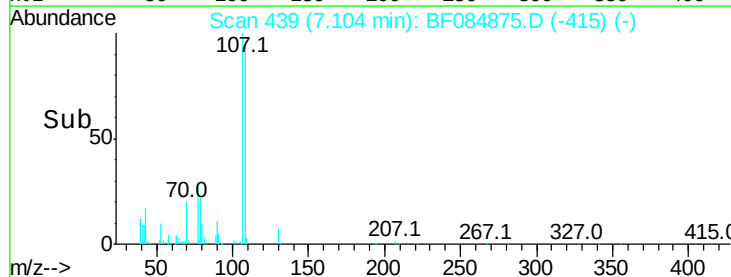
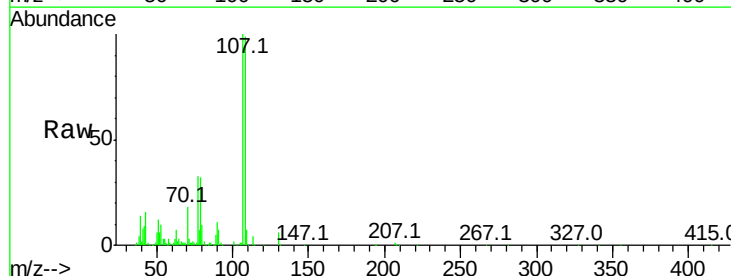
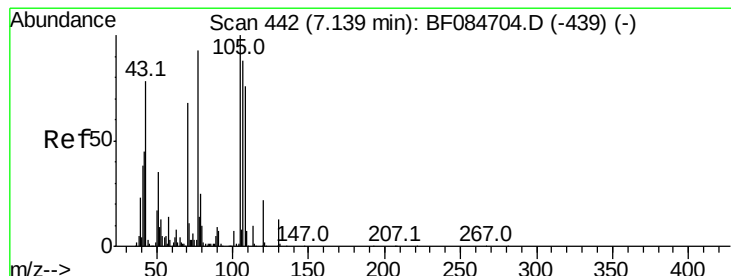
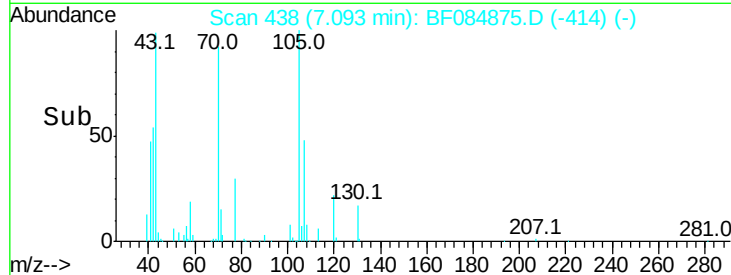
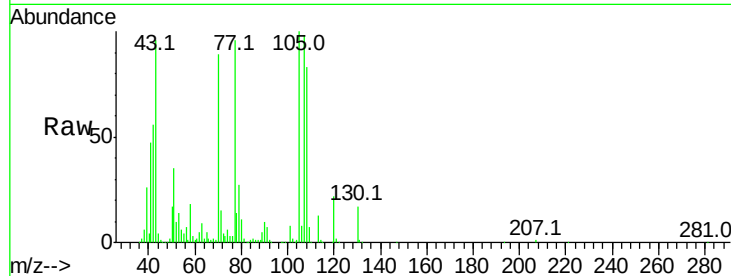
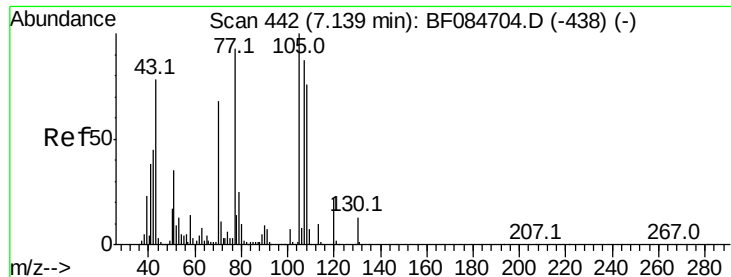
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
201	82.6	68.6	103.0



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

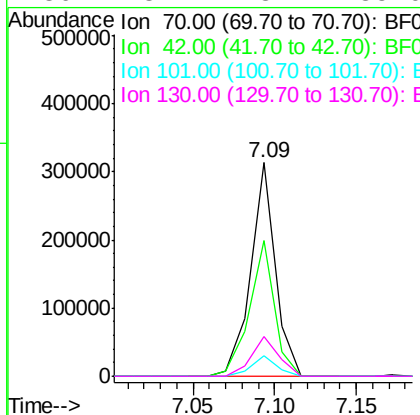




#19
n-Nitroso-di-n-propylamine
Concen: 36.02 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.3	33.3	49.9#
101	9.5	9.3	13.9
130	18.7	23.4	35.0#

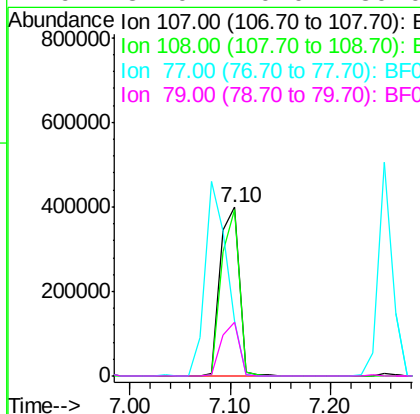


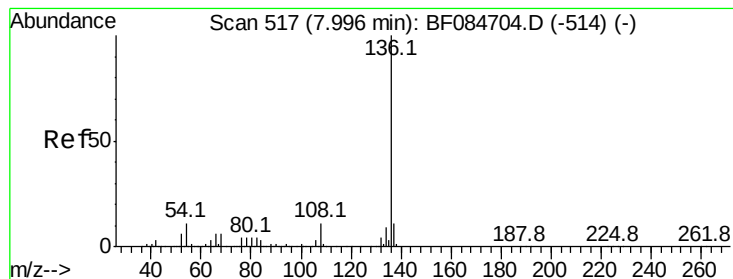
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#20
3+4-Methylphenols
Concen: 40.38 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	98.6	74.6	114.6
77	32.9	0.7	40.7
79	32.0	0.0	39.0





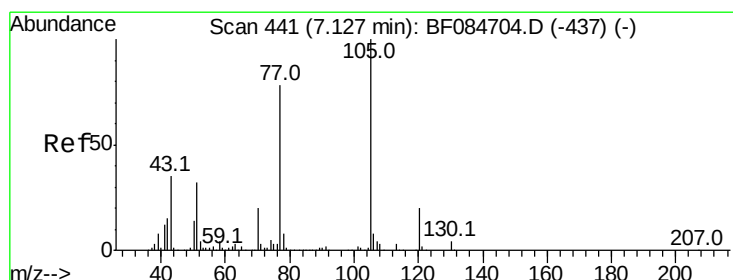
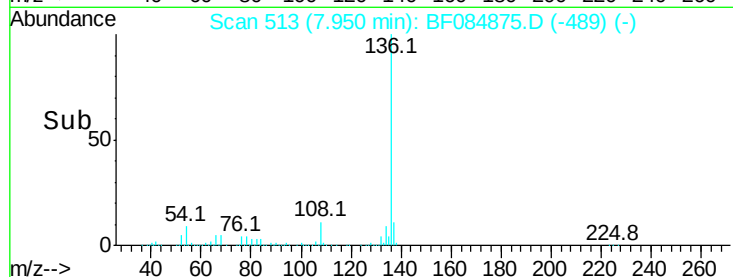
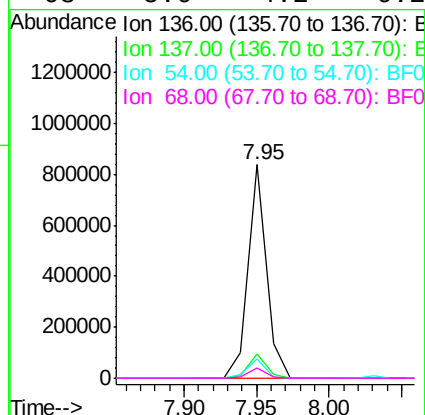
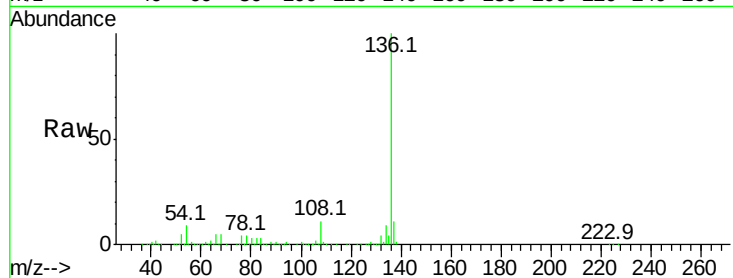
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	9.2	5.8	8.8#	
68	5.0	4.2	6.2	

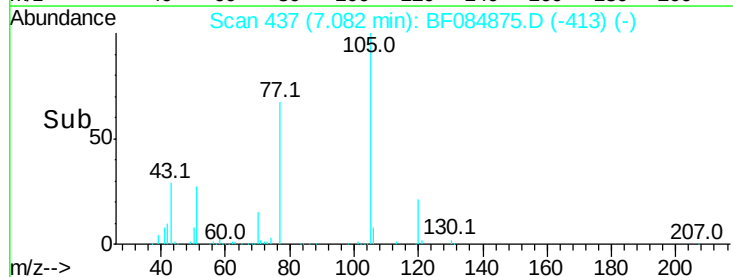
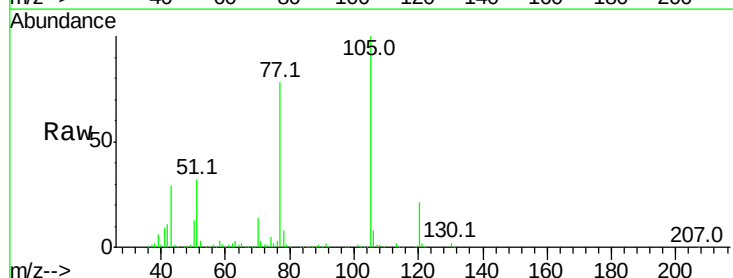
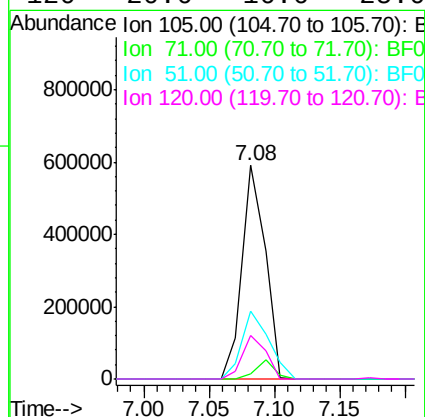
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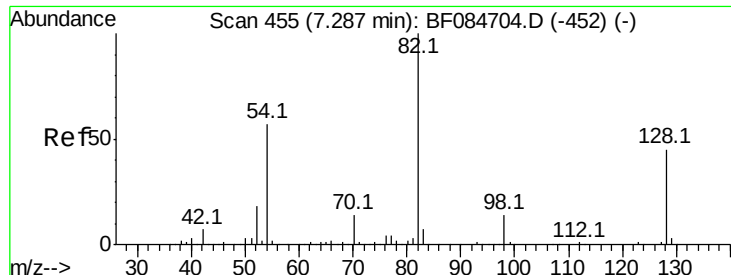
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#22
Acetophenone
Concen: 37.40 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.5	3.7	5.5#	
51	31.9	25.1	37.7	
120	20.6	16.6	25.0	





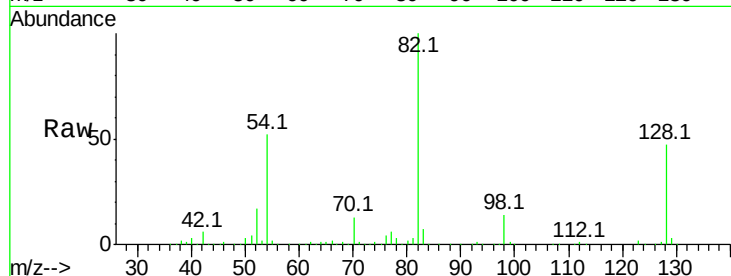
#23
Nitrobenzene-d5
Concen: 81.92 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

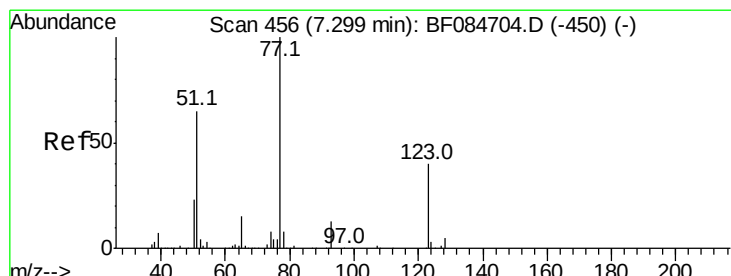
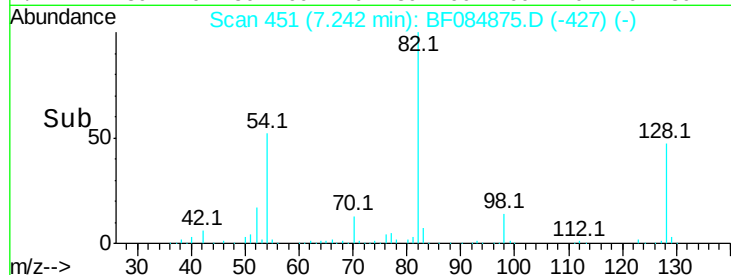
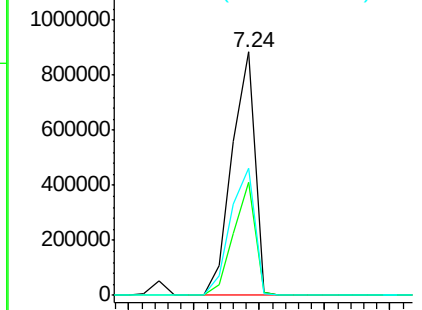
Tot Ion: 82 Resp: 1075998
Ion Ratio Lower Upper
82 100
128 46.6 34.6 51.8
54 52.5 38.4 57.6

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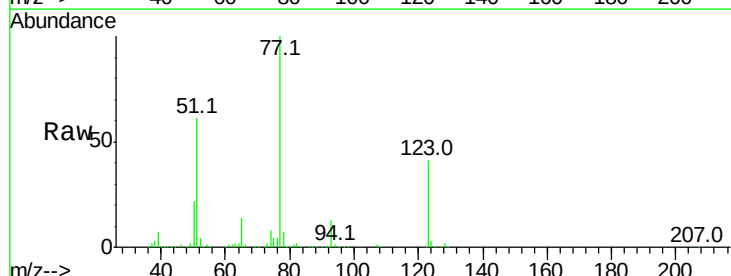


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

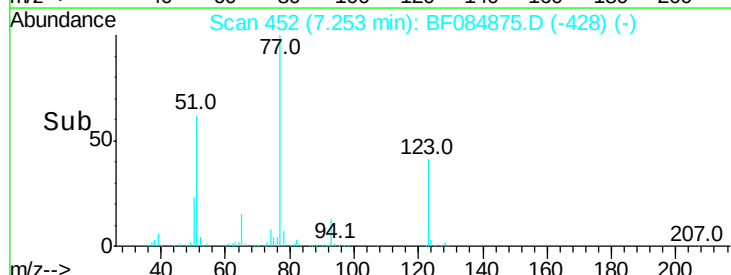
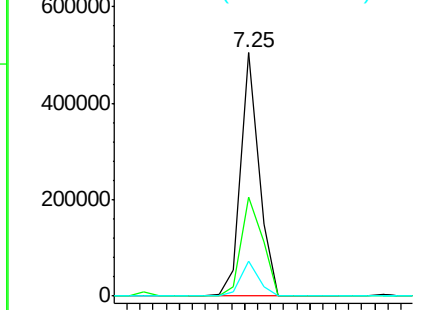


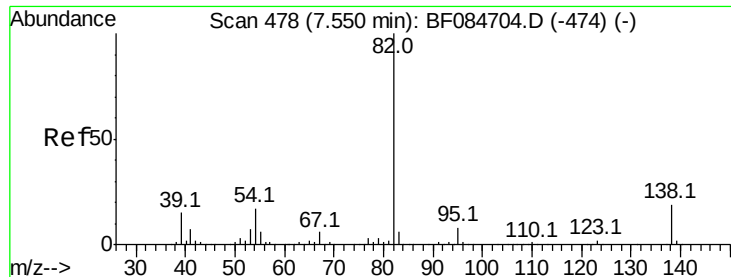
#24
Nitrobenzene
Concen: 34.81 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion: 77 Resp: 489661
Ion Ratio Lower Upper
77 100
123 40.9 37.4 56.2
65 14.4 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.40 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

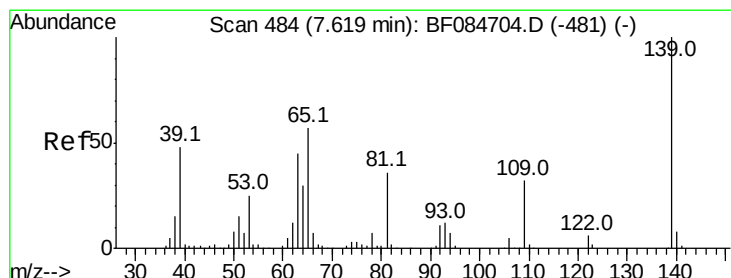
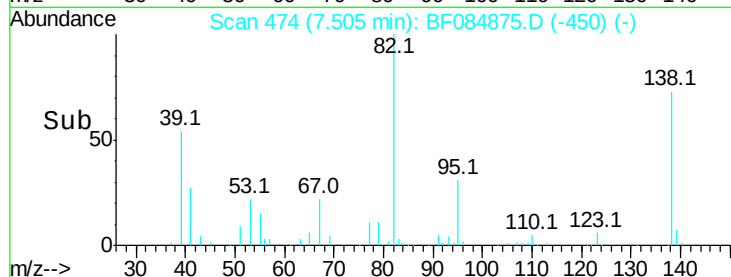
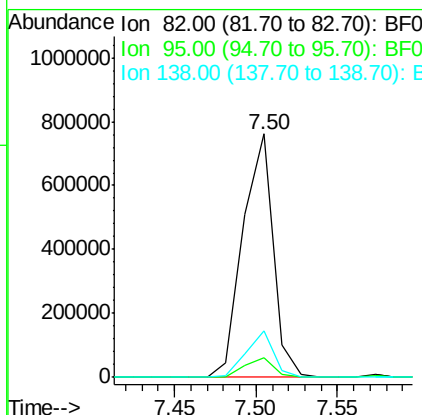
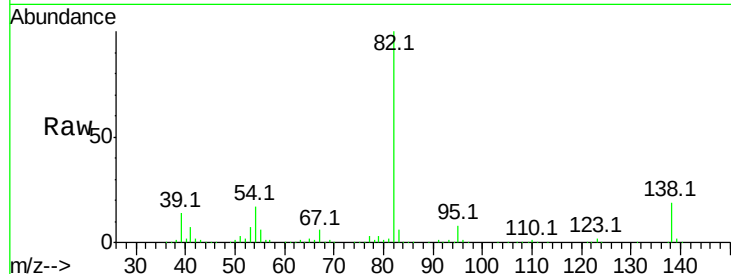
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	980784
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.6	10.0
138	19.3	13.6	20.4

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#26

2-Nitrophenol

Concen: 42.13 ng

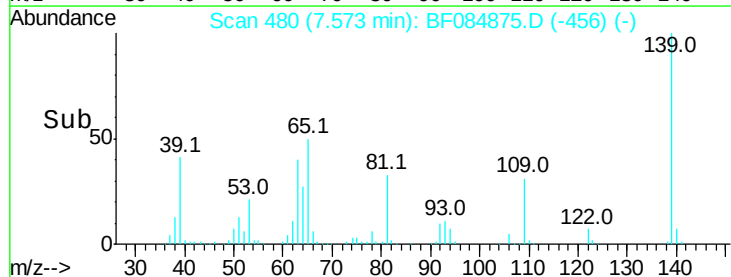
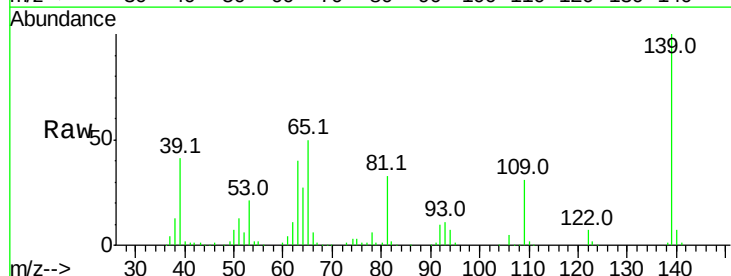
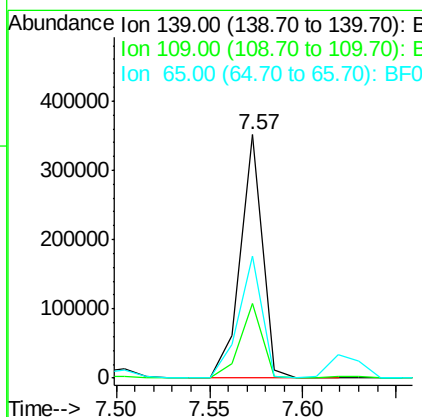
RT: 7.57 min Scan# 480

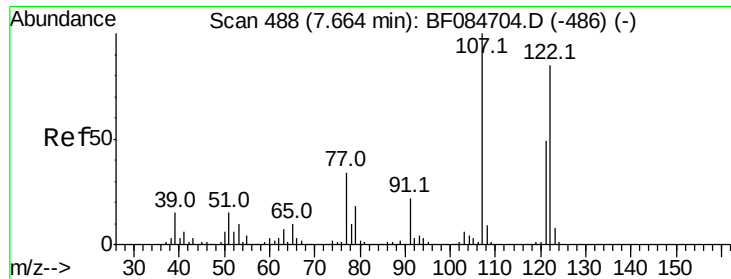
Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	139	Resp:	292284
Ion Ratio	Lower	Upper	
139	100		
109	30.9	25.4	38.2
65	50.2	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 37.13 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

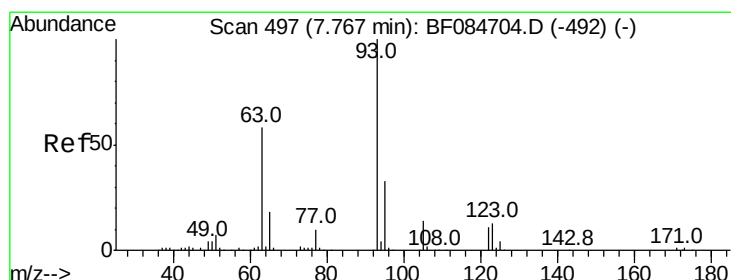
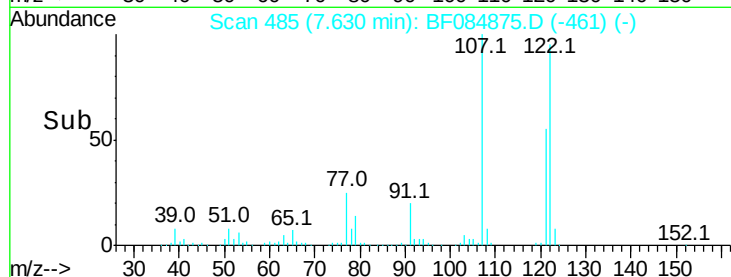
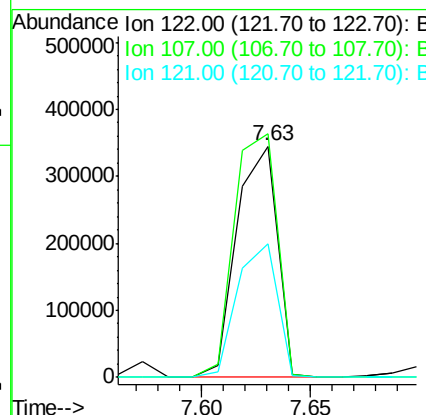
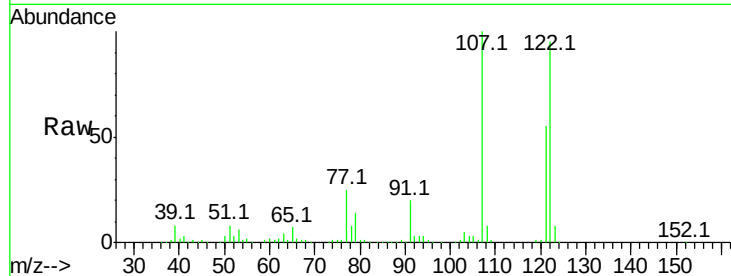
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	448073
Ion Ratio	Lower	Upper	
122	100		
107	105.5	99.1	148.7
121	57.6	47.9	71.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 37.41 ng

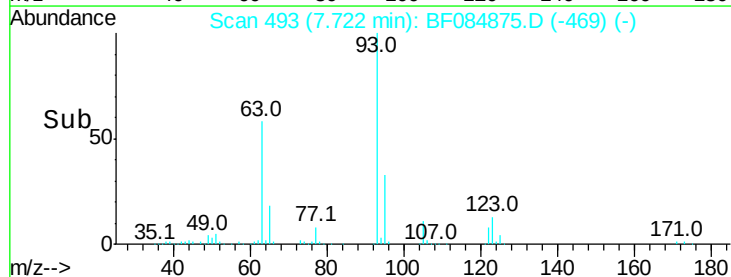
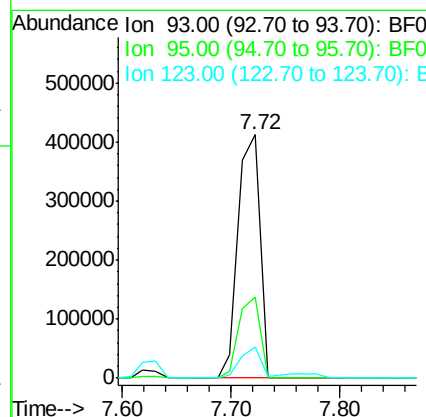
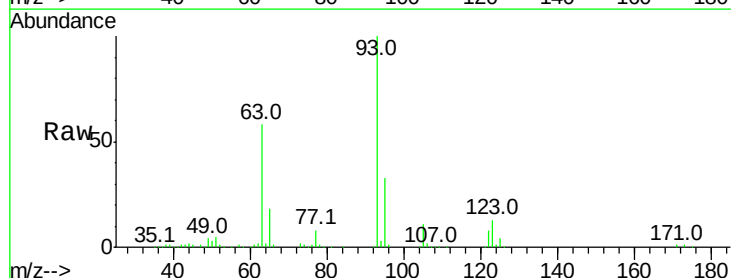
RT: 7.72 min Scan# 493

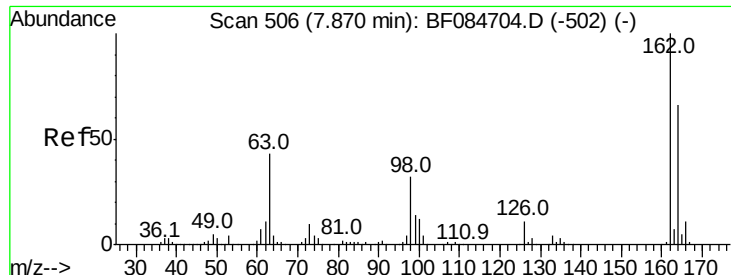
Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	93	Resp:	566883
Ion Ratio	Lower	Upper	
93	100		
95	33.4	25.8	38.6
123	12.9	8.6	12.8#





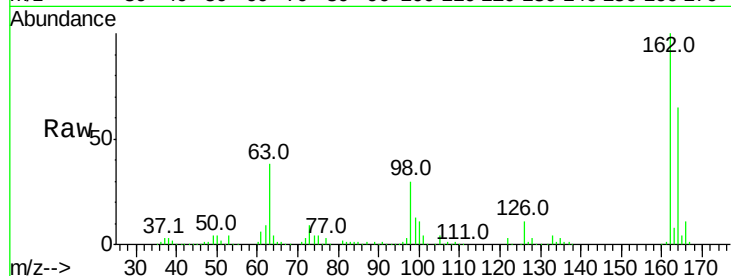
#29
 2,4-Dichlorophenol
 Concen: 39.01 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

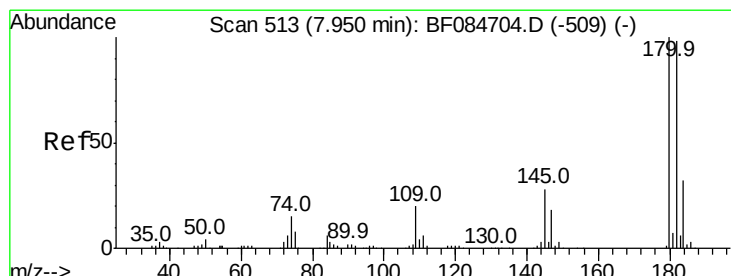
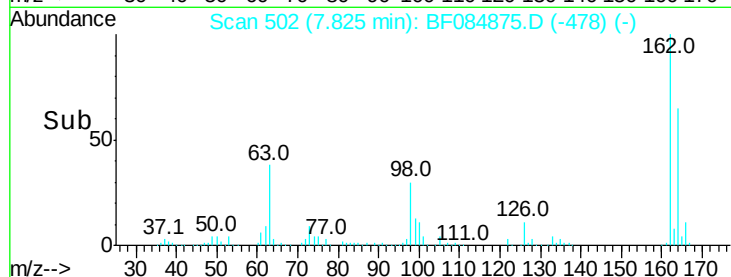
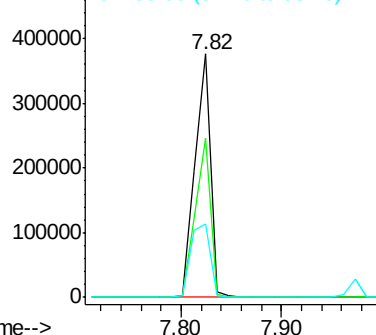
Tot Ion	Ratio	Resp	Lower	Upper
162	100	402776		
164	65.4	44.1	84.1	
98	30.2	20.2	60.2	

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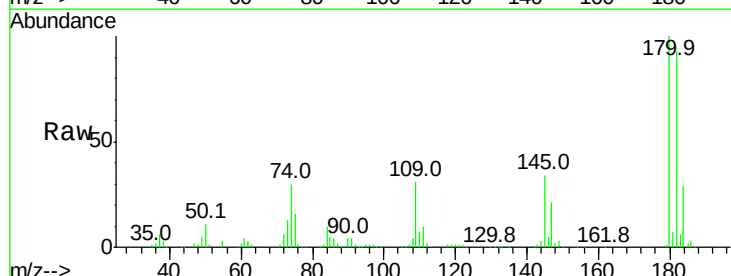


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

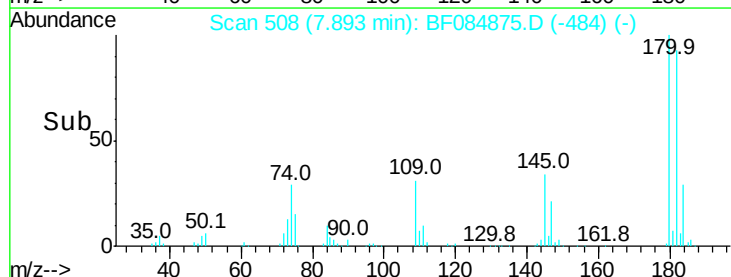
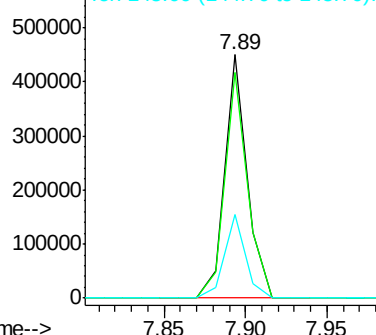


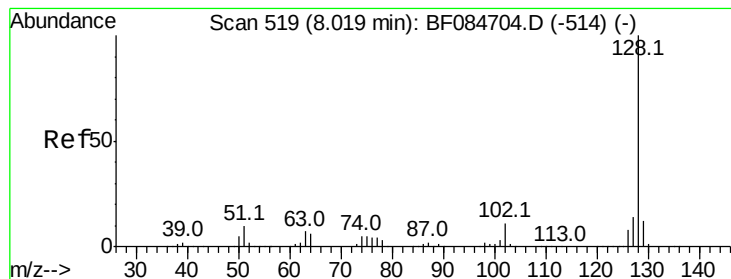
#30
 1,2,4-Trichlorobenzene
 Concen: 36.66 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	427473		
182	92.9	76.4	114.6	
145	34.1	31.6	47.4	



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: 37.59 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

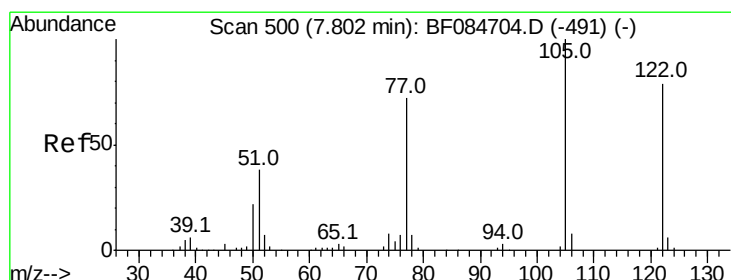
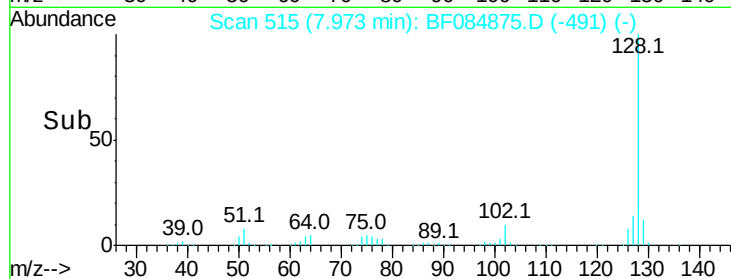
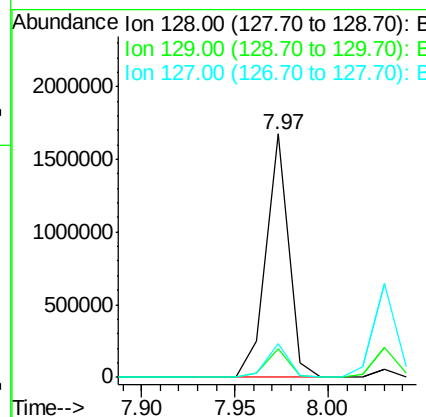
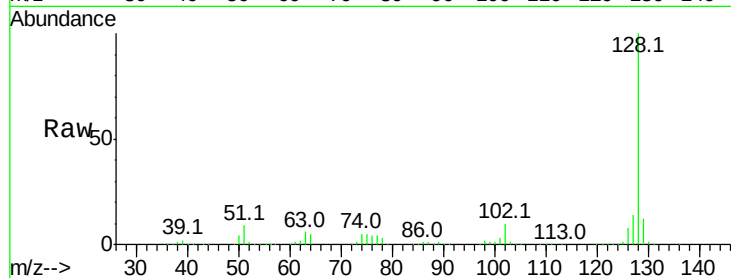
ClientSampleId :

SSTDCCC040EC

Tot Ion:	128	Resp:	1394984
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.0	11.1	16.7

Manual Integrations
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#32

Benzoic acid

Concen: 41.02 ng

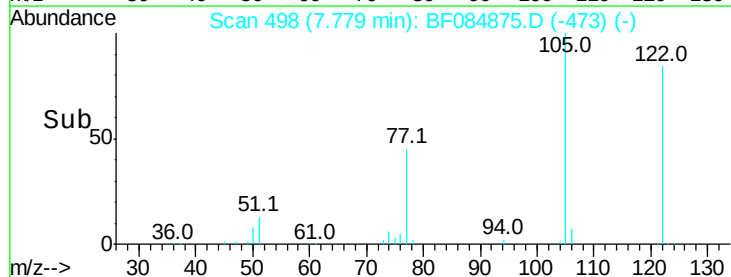
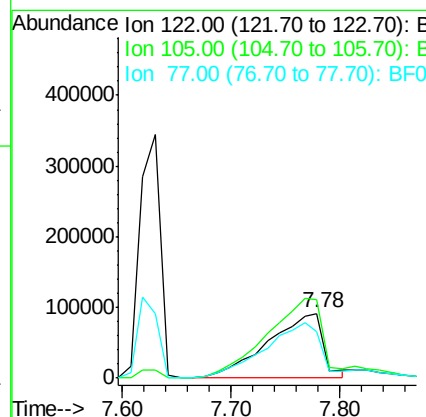
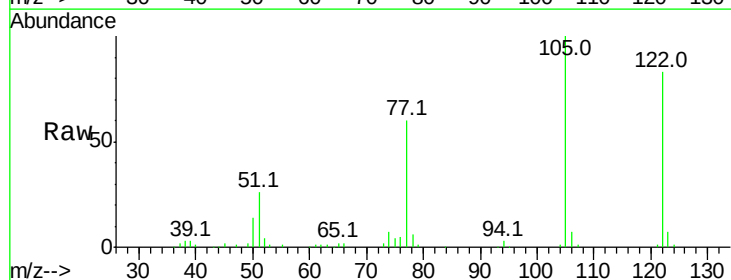
RT: 7.78 min Scan# 498

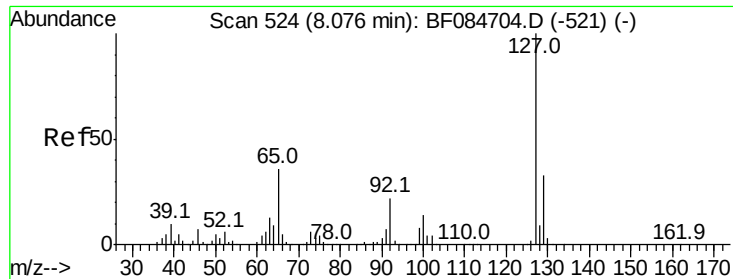
Delta R.T. -0.01 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	122	Resp:	316545
Ion	Ratio	Lower	Upper
122	100		
105	120.6	100.3	140.3
77	72.6	63.5	103.5





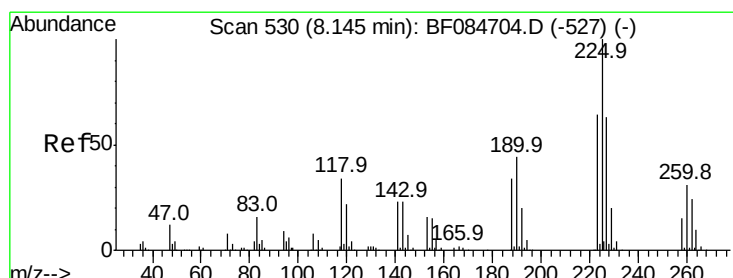
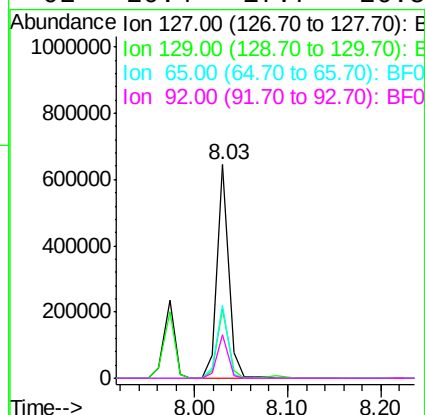
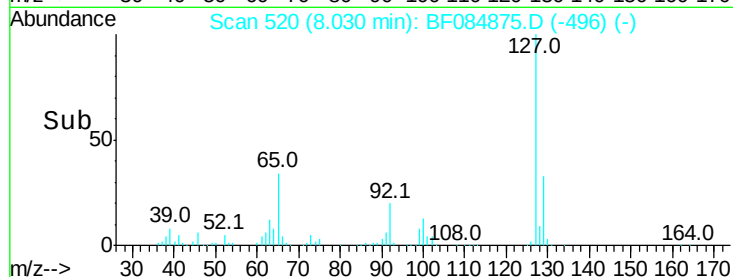
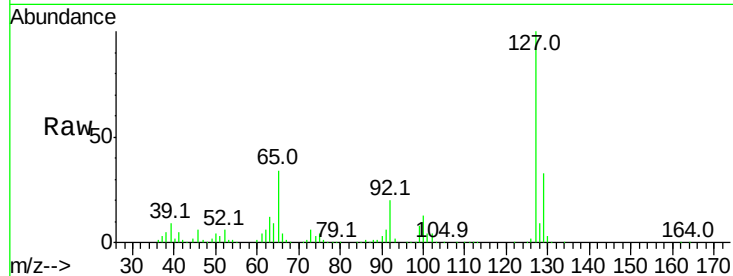
#33
4-Chloroaniline
Concen: 36.06 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.5	39.7
65	34.0	27.2	40.8
92	20.4	17.7	26.5

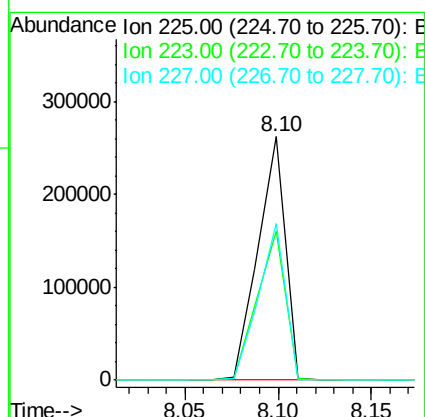
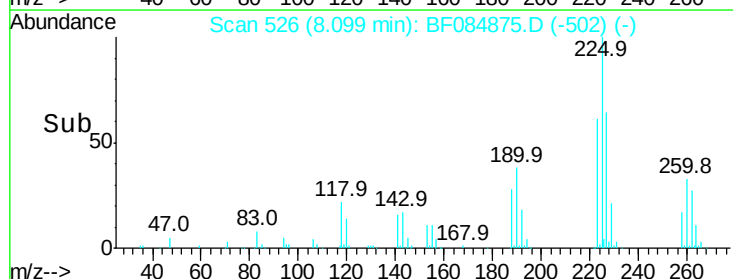
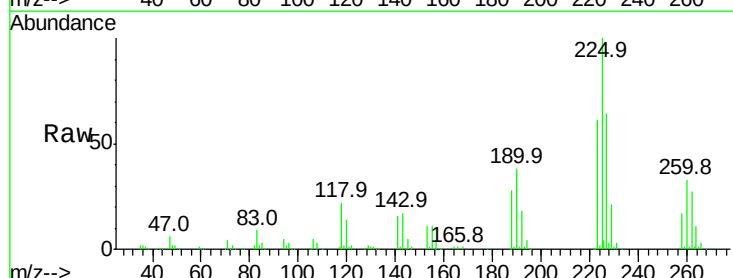
Manual Integrations
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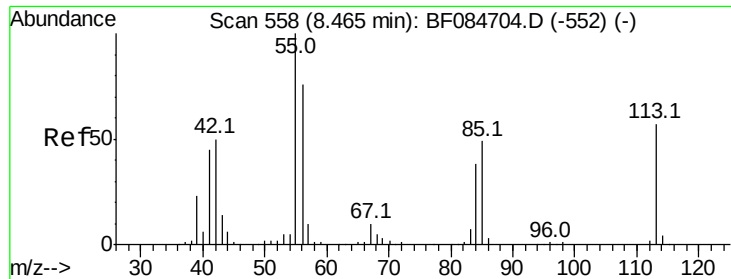
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#34
Hexachlorobutadiene
Concen: 39.38 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.1	49.4	74.0
227	64.1	50.8	76.2





#35

Caprolactam

Concen: 35.91 ng

RT: 8.42 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

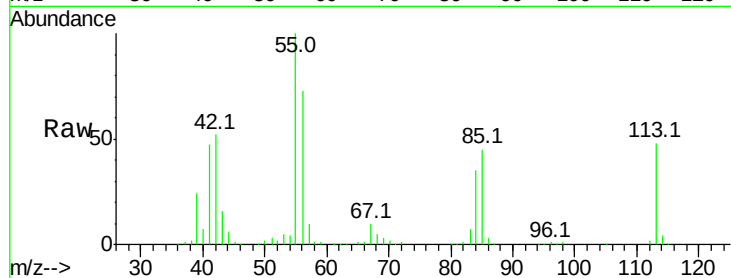
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.0	116.9	156.9#
56	152.0	93.8	133.8#

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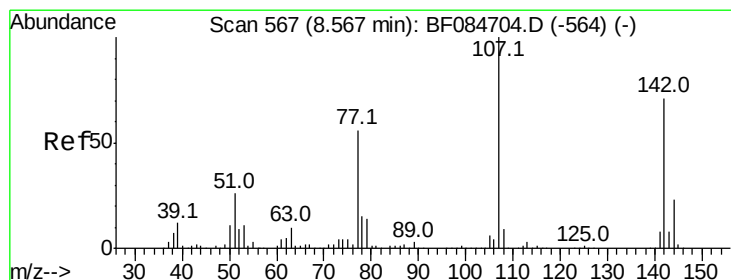
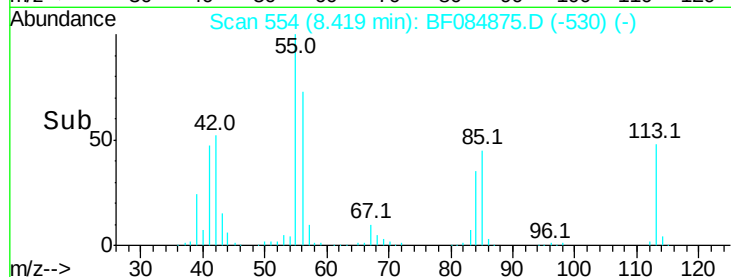
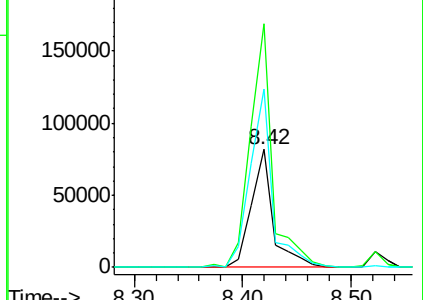
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.42 ng

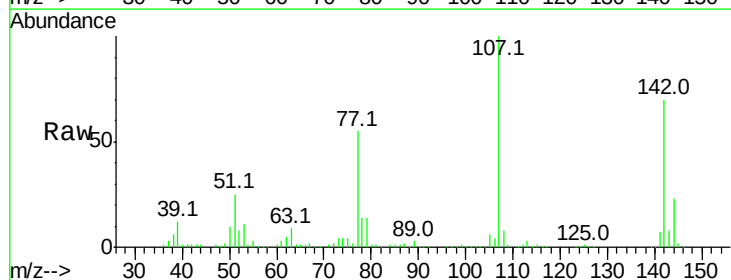
RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

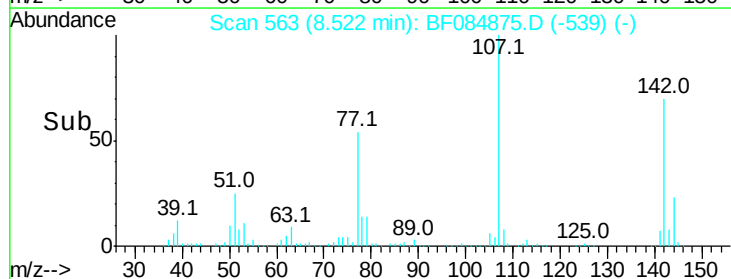
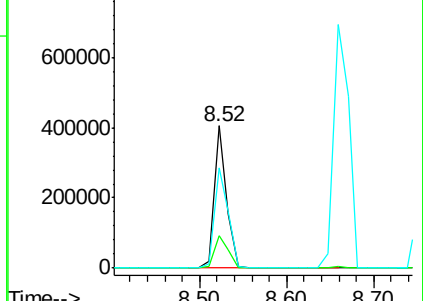
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	19.7	29.5
142	70.2	61.8	92.6

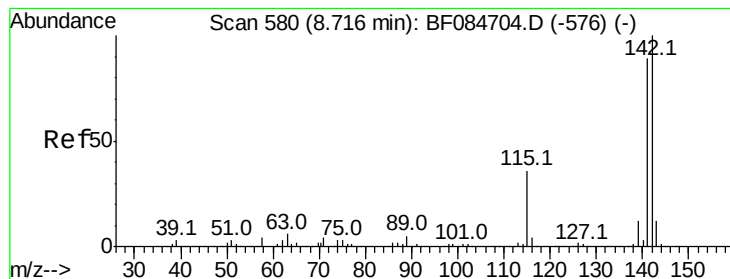


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.29 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

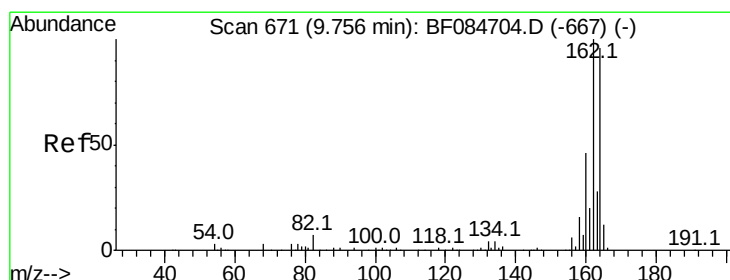
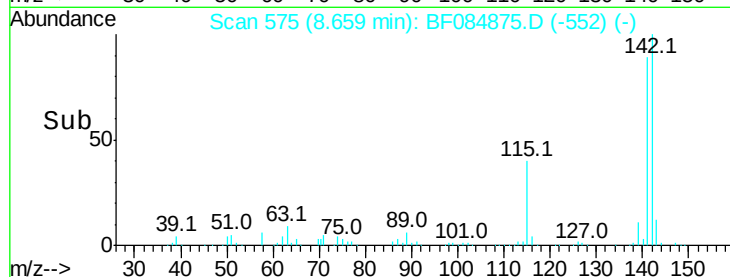
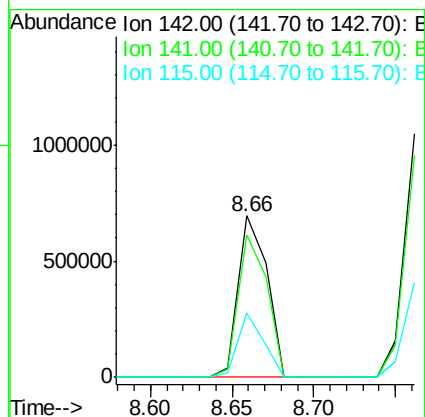
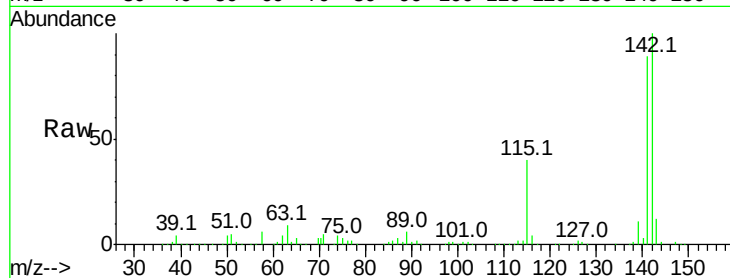
ClientSampleId :

SSTDCCC040EC

Tot Ion:	142	Resp:	842869
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.4	108.6
115	40.1	27.9	41.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

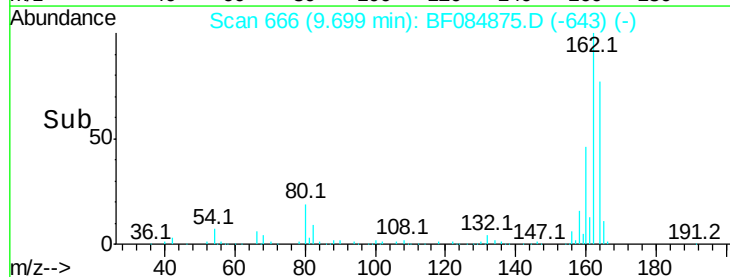
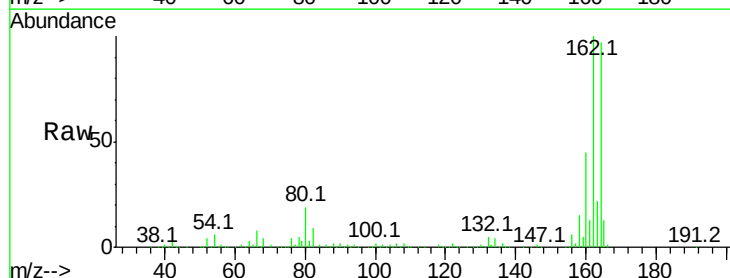
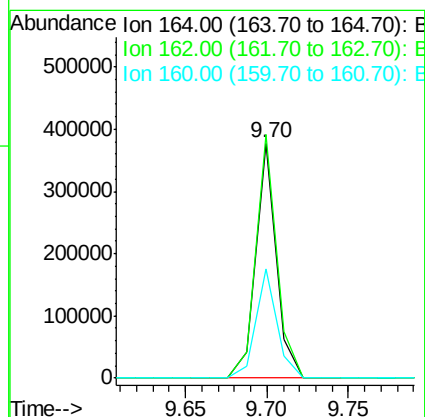
RT: 9.70 min Scan# 666

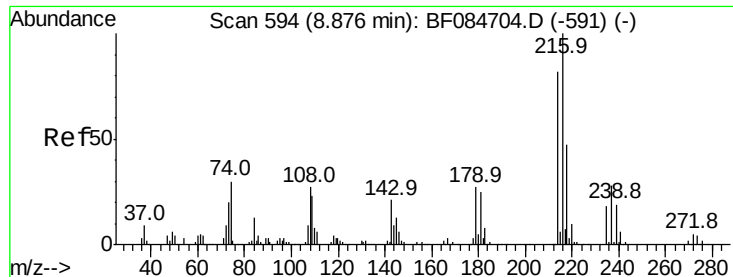
Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	164	Resp:	330881
Ion Ratio	Lower	Upper	
164	100		
162	103.6	85.1	127.7
160	46.4	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.82 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

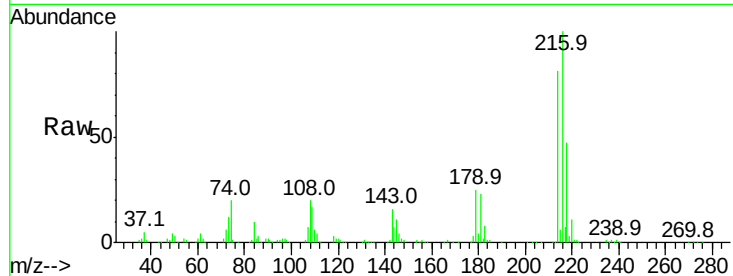
ClientSampleId :

SSTDCCC040EC

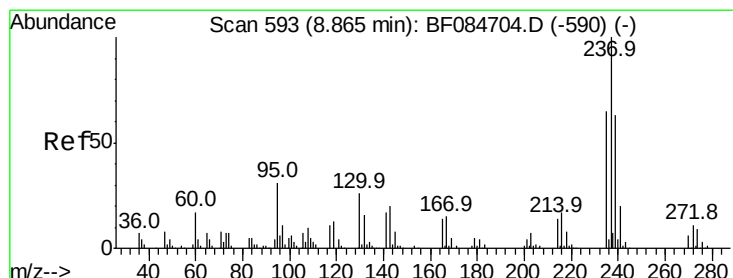
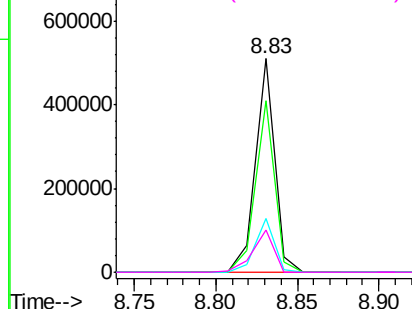
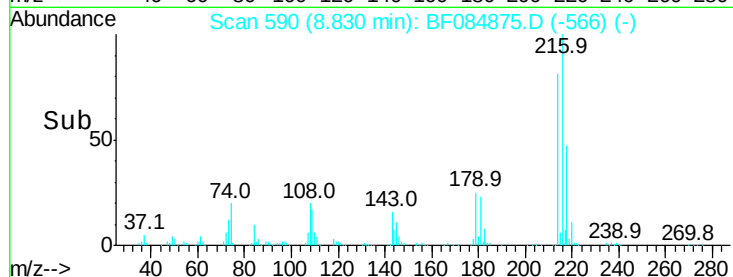
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		418454		
214	80.0		64.2	96.2	
179	24.8		18.7	28.1	
108	21.9		16.8	25.2	

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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: 45.60 ng

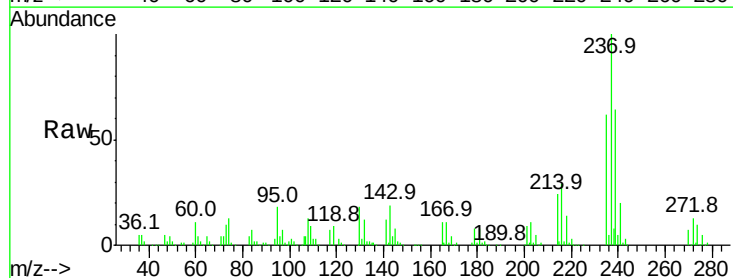
RT: 8.82 min Scan# 589

Delta R.T. -0.02 min

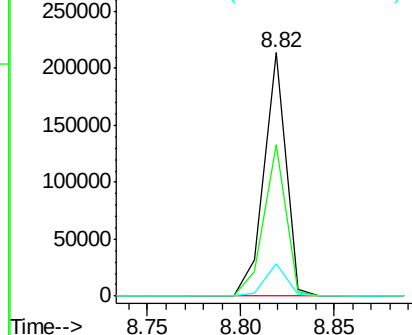
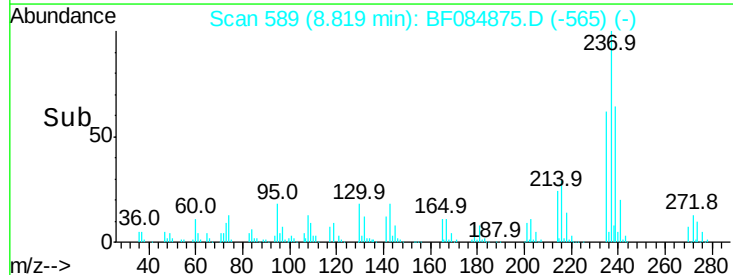
Lab File: BF084875.D

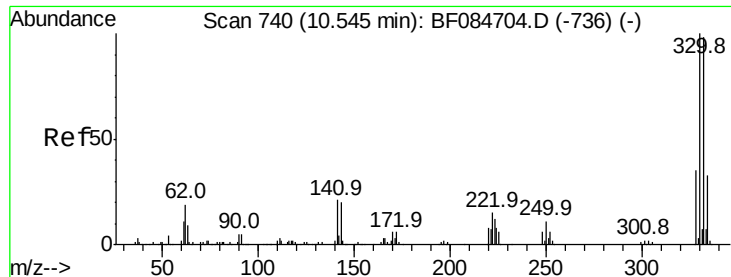
Acq: 5 Feb 2016 22:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		173364		
235	62.0		43.1	83.1	
272	13.1		0.0	35.1	



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





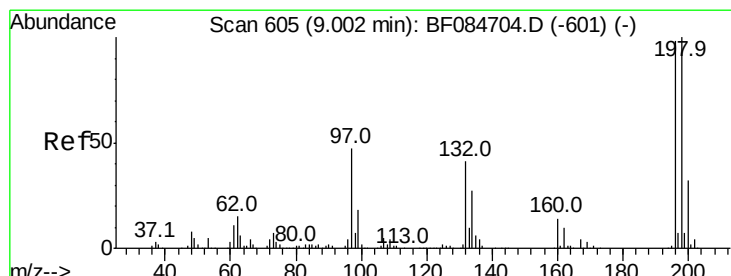
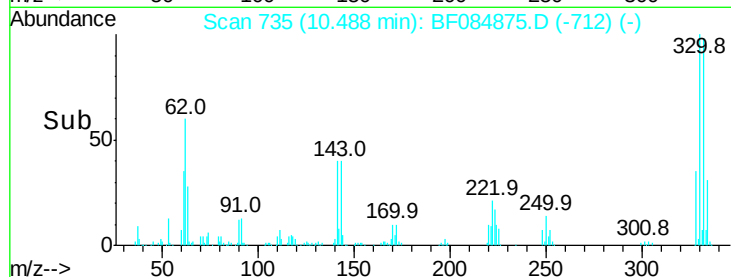
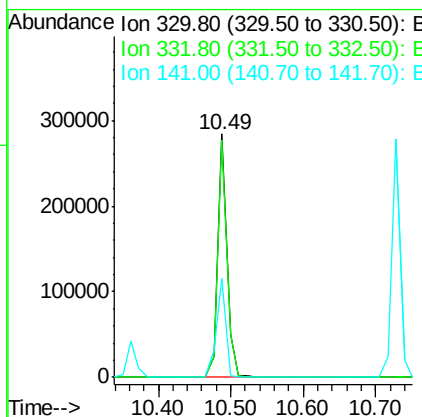
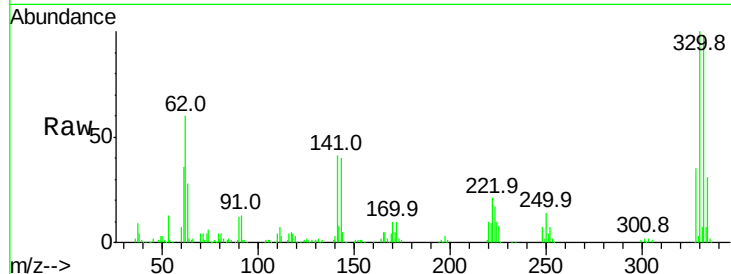
#41
 2,4,6-Tribromophenol
 Concen: 73.09 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	252249		
332	97.3	76.6	114.8	
141	41.3	27.8	41.6	

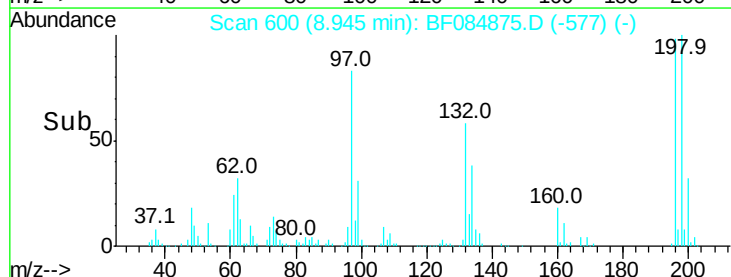
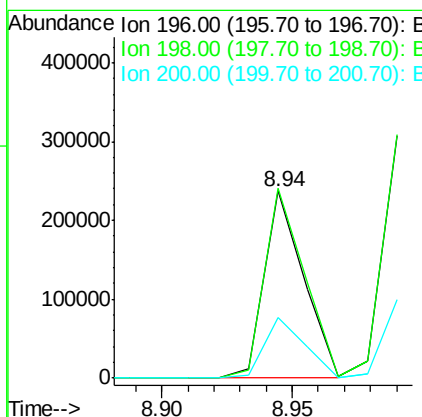
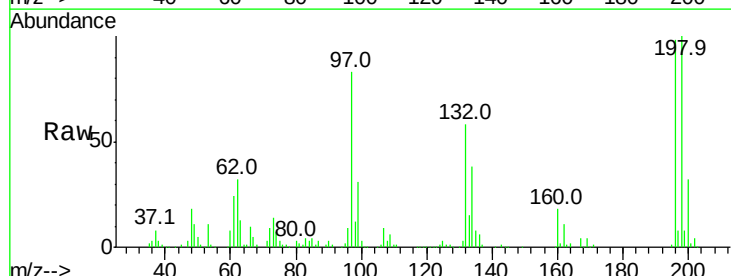
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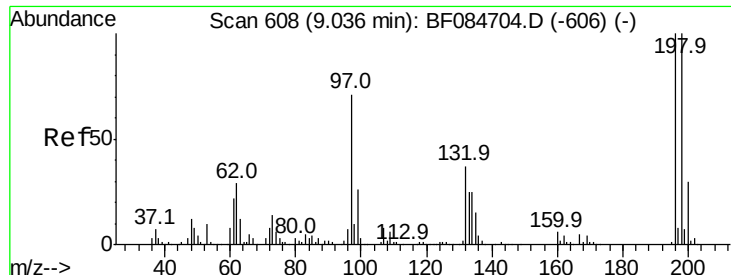
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#42
 2,4,6-Trichlorophenol
 Concen: 36.91 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

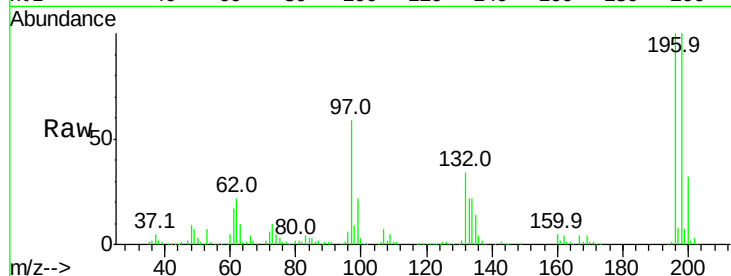
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249884		
198	101.6	77.7	116.5	
200	32.1	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 39.58 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

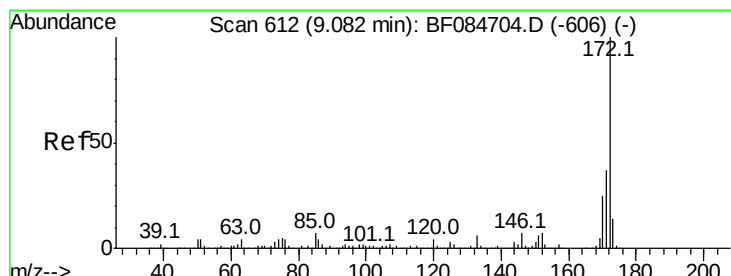
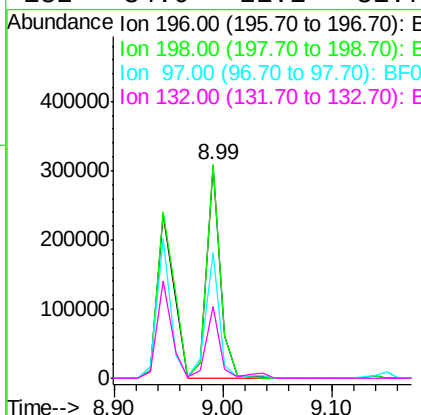
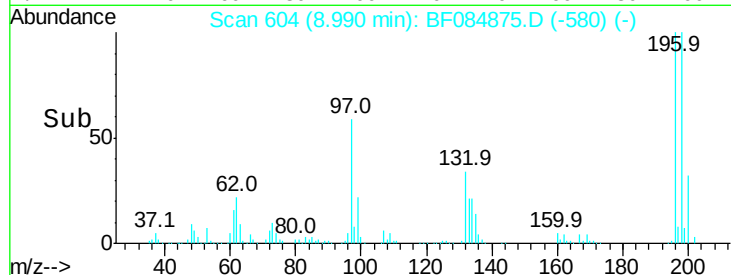
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tot Ion	Ratio	Resp	Lower	Upper
196	100	272273		
198	100.3	79.0	118.6	
97	59.1	33.0	49.6	
132	34.0	21.1	31.7	

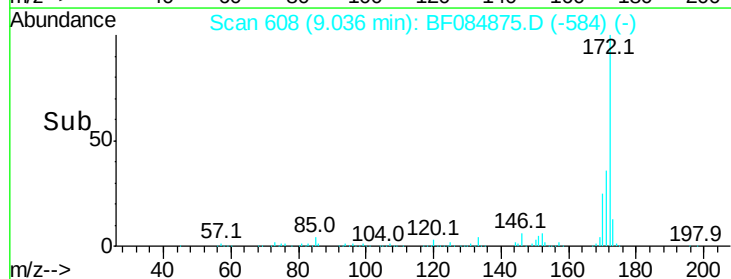
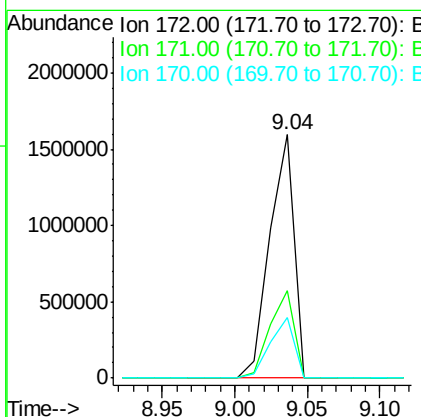
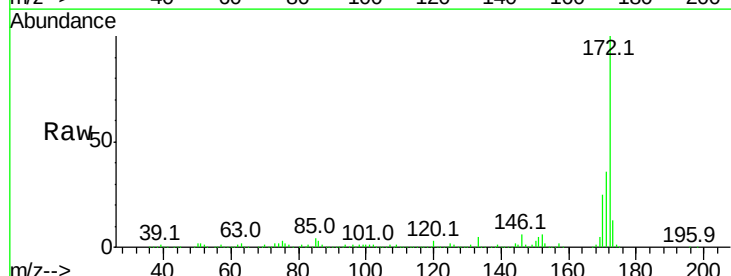
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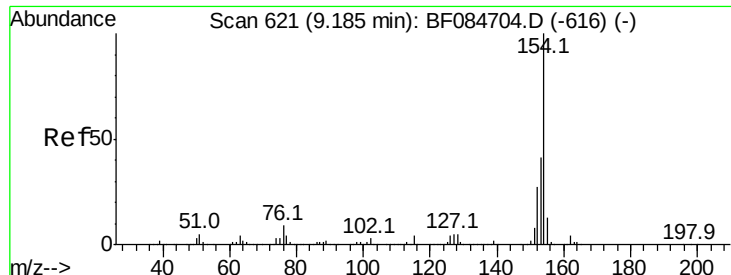
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#44
 2-Fluorobiphenyl
 Concen: 99.63 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1844635		
171	36.0	28.9	43.3	
170	24.9	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 35.73 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1056059

Ion Ratio Lower Upper

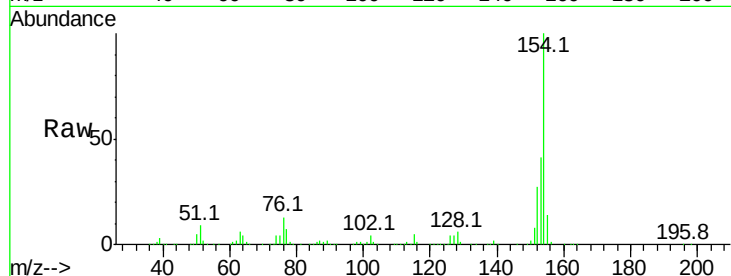
154 100

153 40.8 21.6 61.6

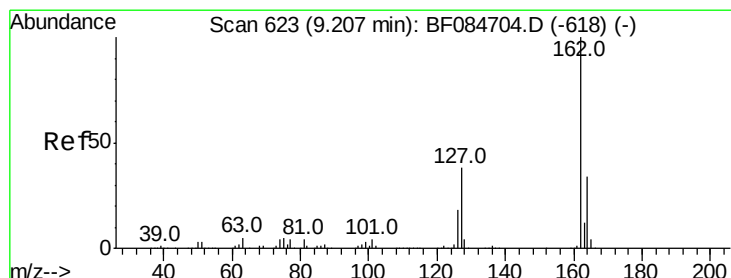
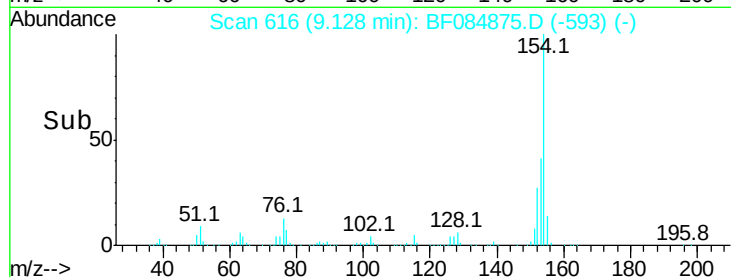
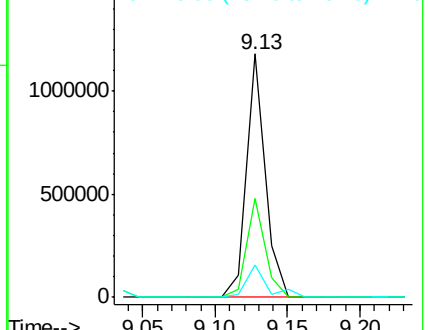
76 13.1 0.0 32.7

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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: 37.92 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

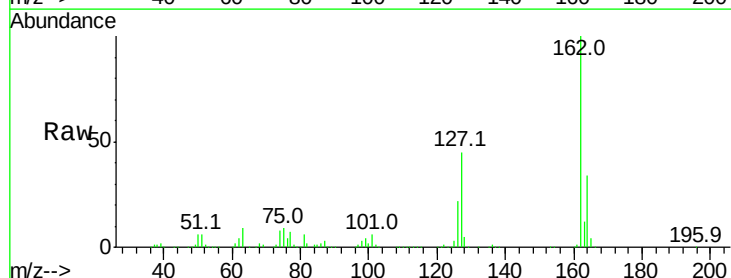
Tgt Ion:162 Resp: 825203

Ion Ratio Lower Upper

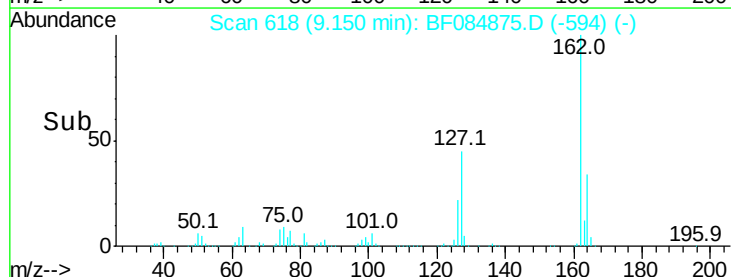
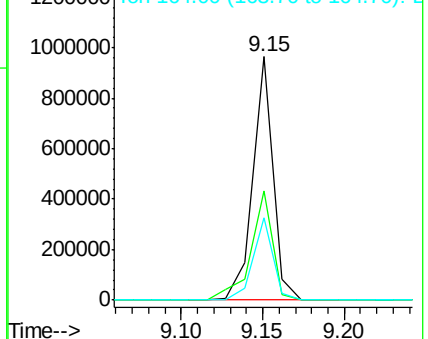
162 100

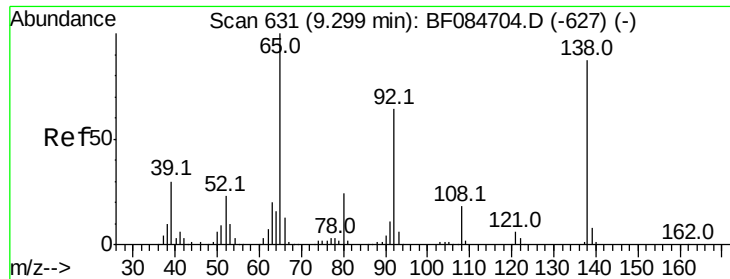
127 44.8 40.2 60.4

164 33.8 25.7 38.5



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





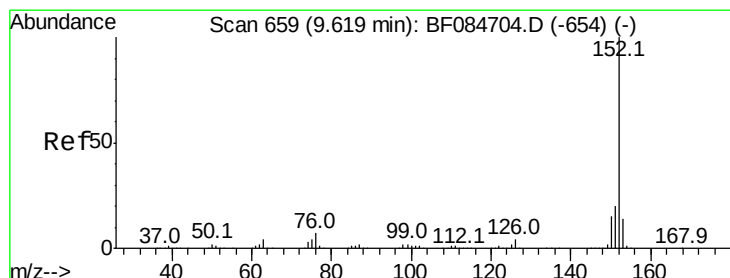
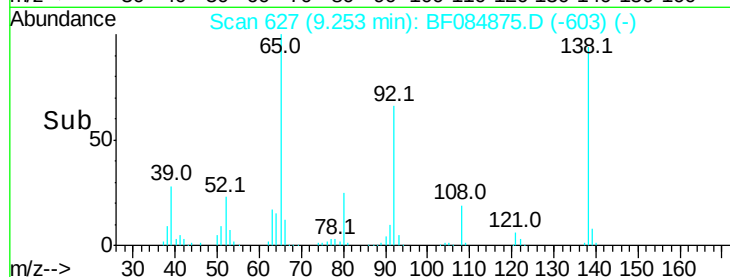
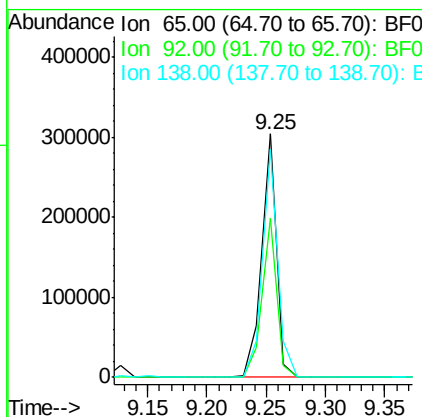
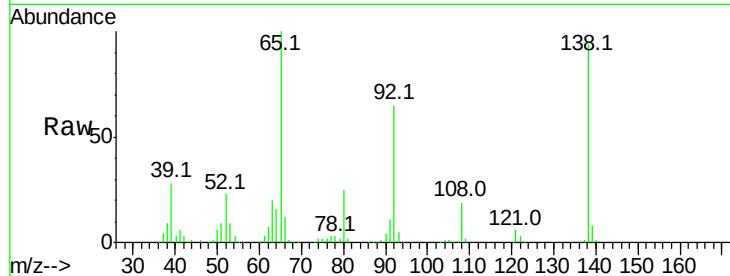
#47
2-Nitroaniline
Concen: 38.63 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	53.4	80.2
138	93.8	71.1	106.7

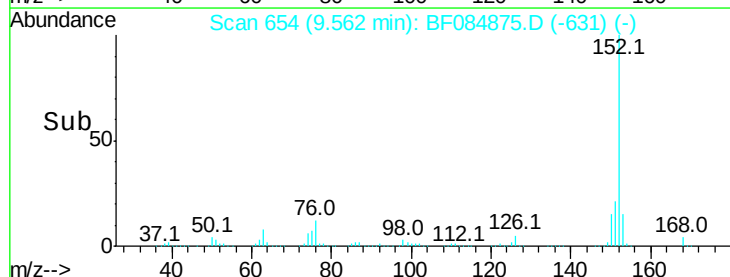
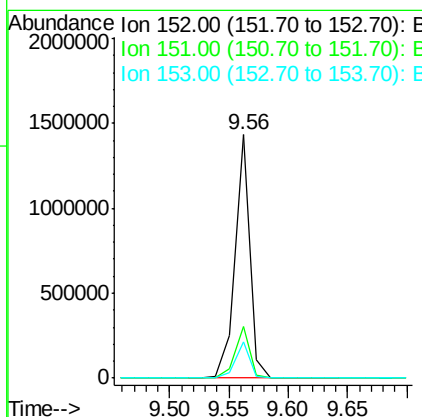
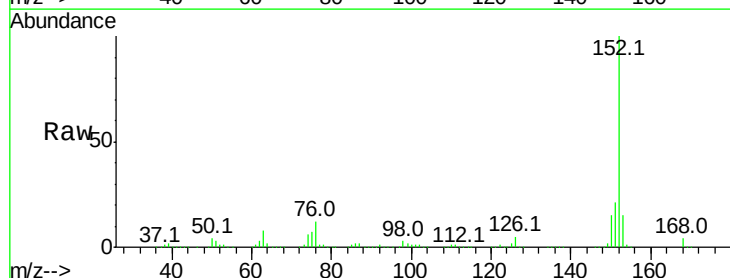
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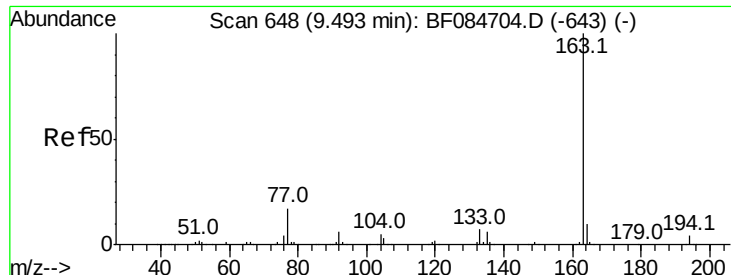
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#48
Acenaphthylene
Concen: 37.43 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	14.9	10.4	15.6





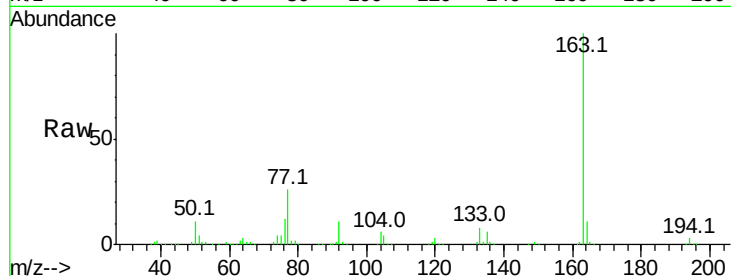
#49
Dimethylphthalate
Concen: 38.57 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

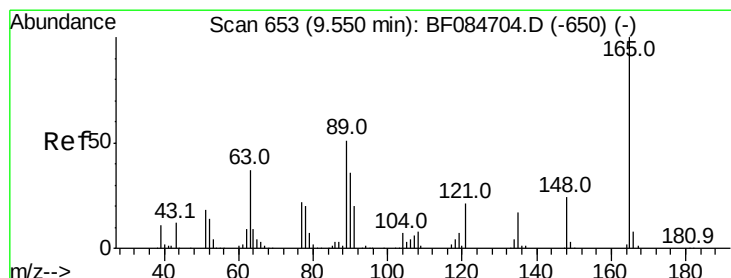
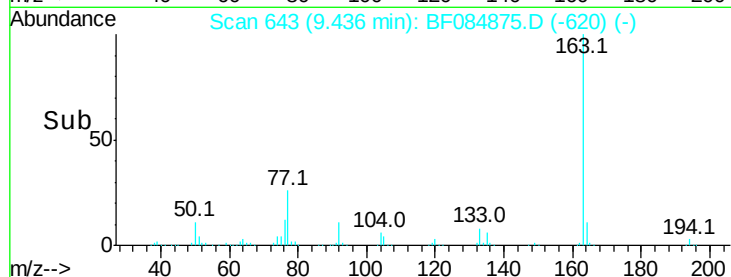
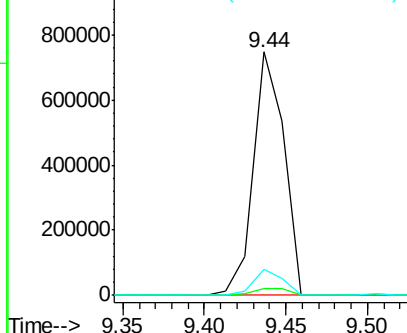
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	8.0	12.0#
164	10.9	8.0	12.0

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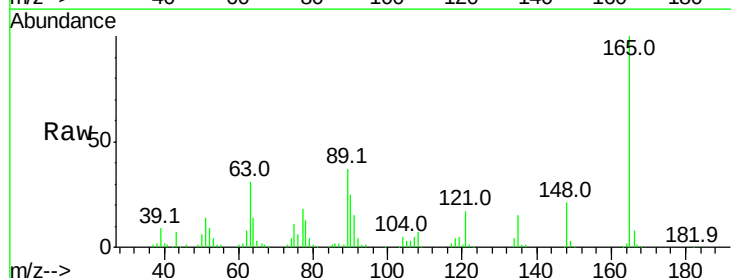


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

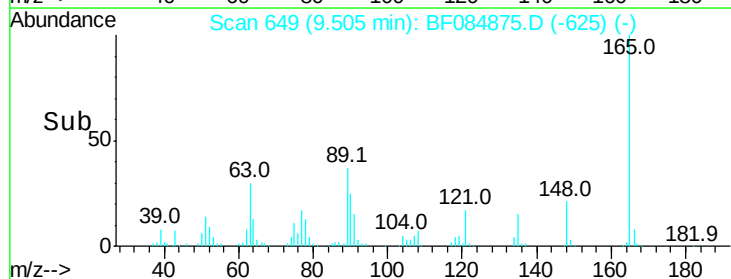
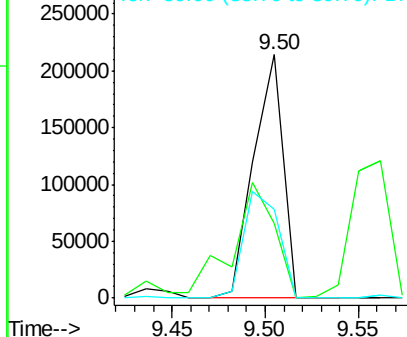


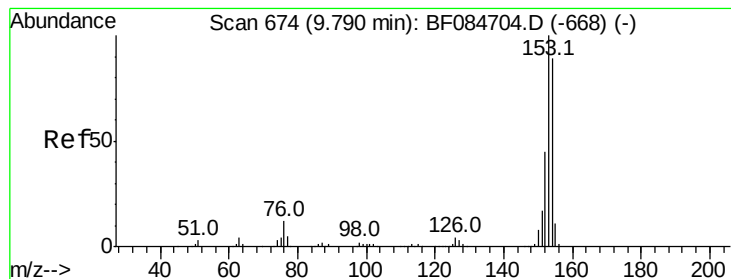
#50
2,6-Dinitrotoluene
Concen: 42.40 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	30.7	28.8	43.2
89	36.7	35.1	52.7



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: 36.21 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

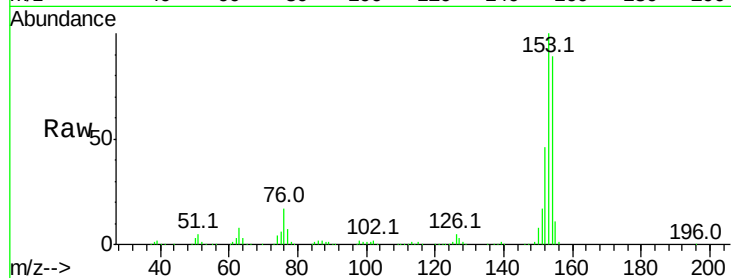
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	778059
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.5	137.3
152	51.6	43.0	64.6

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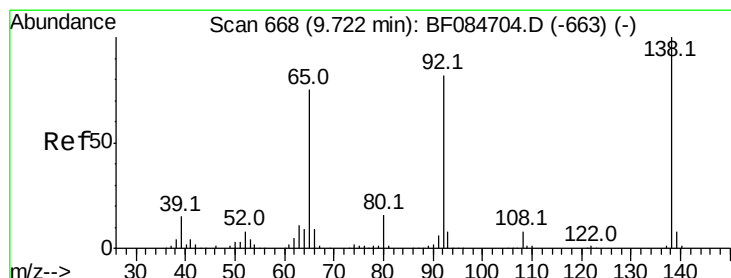
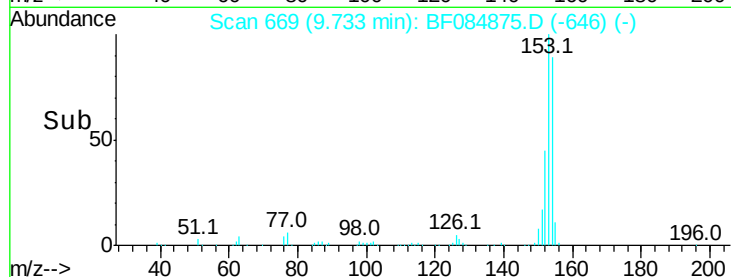
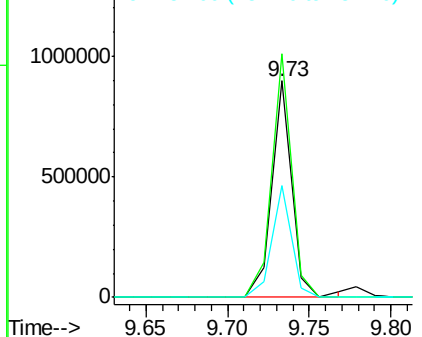
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.34 ng

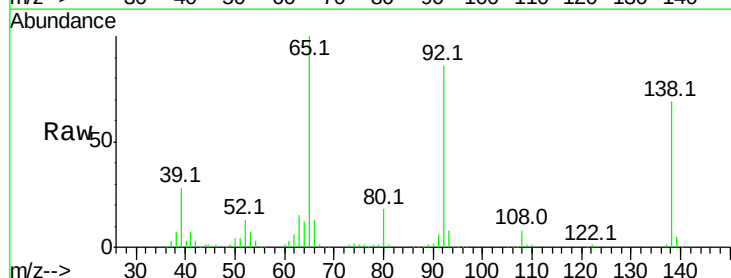
RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

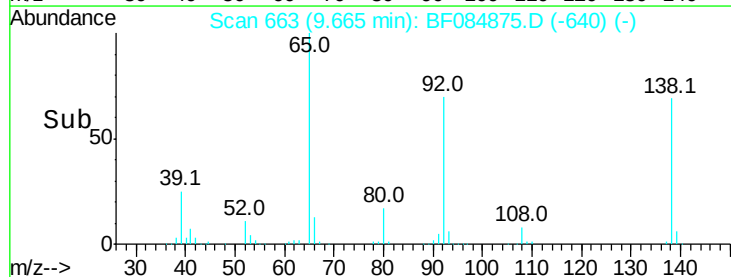
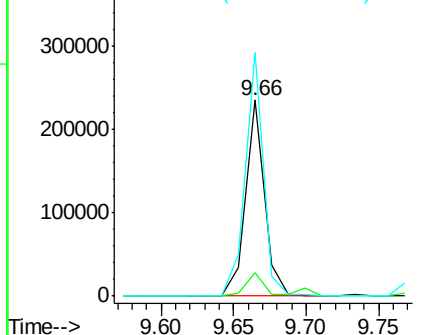
Tgt Ion:	138	Resp:	212426
Ion Ratio	Lower	Upper	
138	100		
108	11.7	10.5	15.7
92	124.4	103.9	155.9

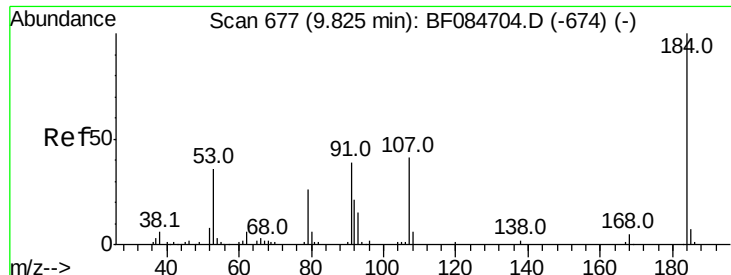


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





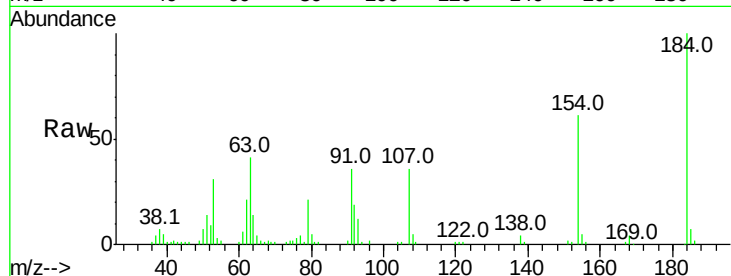
#53
 2,4-Dinitrophenol
 Concen: 34.58 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

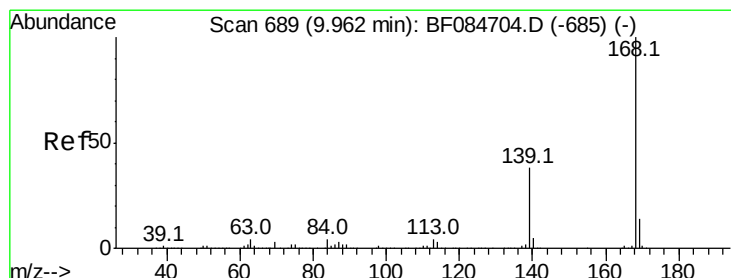
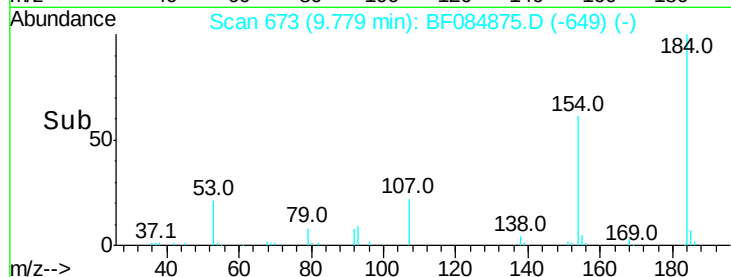
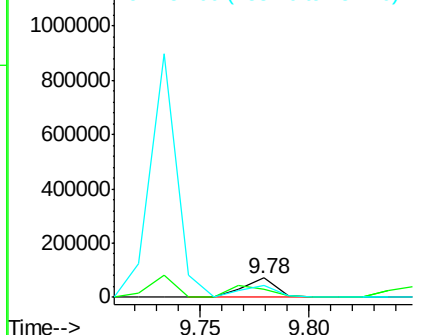
Tot Ion	Ratio	Resp	Lower	Upper
184	100	78832		
63	40.9	43.1	64.7#	
154	61.0	60.5	90.7	

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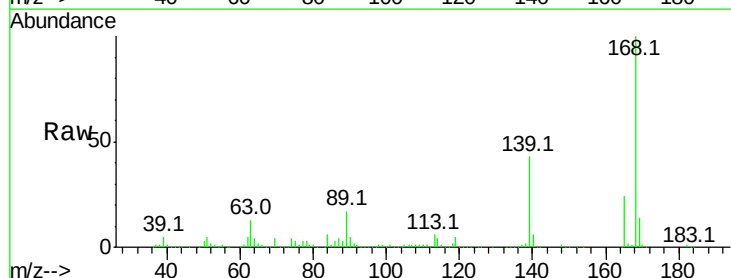


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

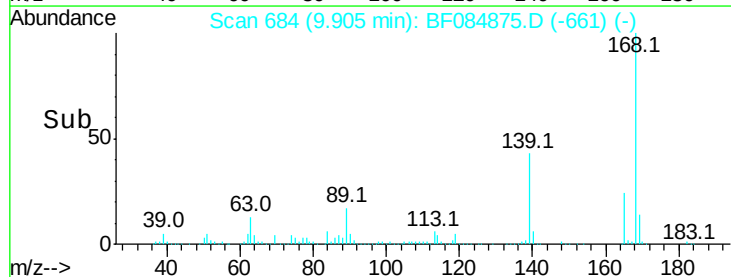
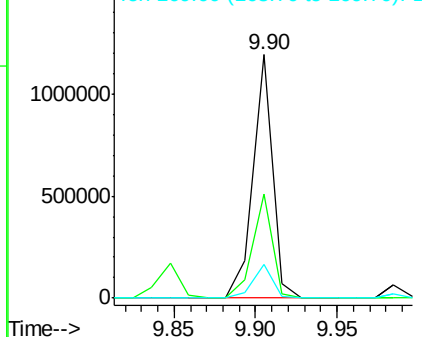


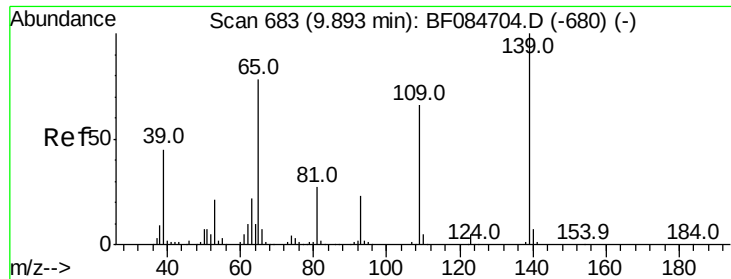
#54
 Dibenzofuran
 Concen: 37.99 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	997623		
139	42.8	30.5	45.7	
169	13.7	10.4	15.6	



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





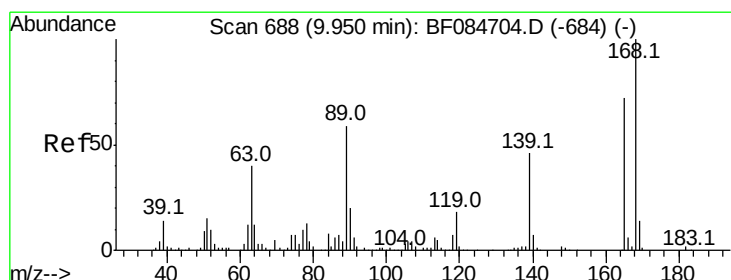
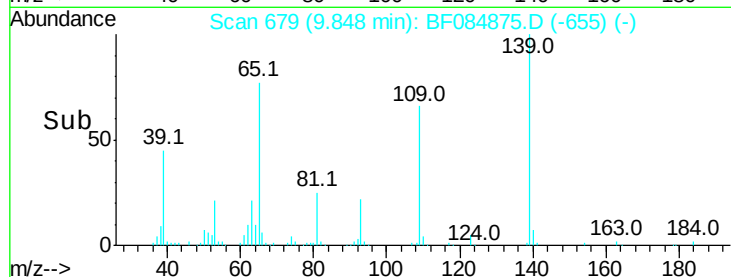
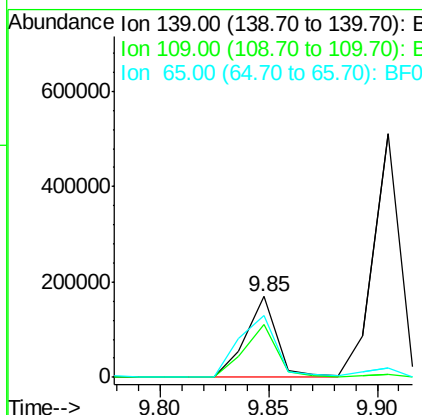
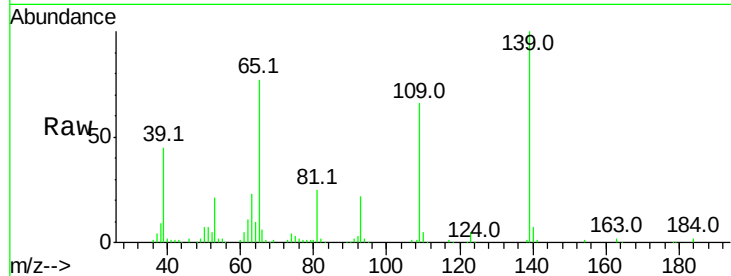
#55
4-Nitrophenol
Concen: 37.42 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	170150		
109	66.2	58.5	98.5	
65	76.6	57.6	97.6	

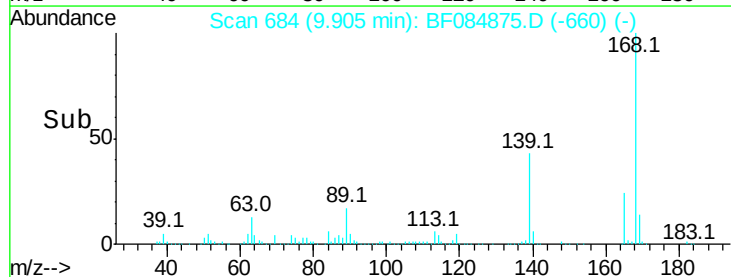
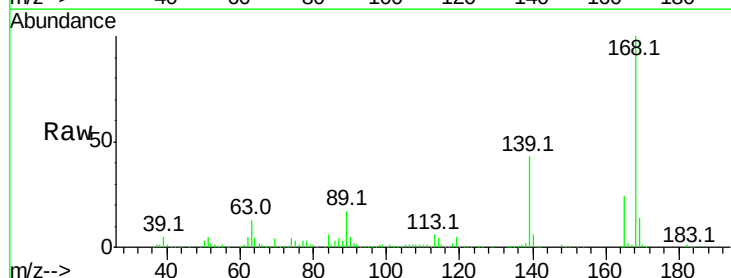
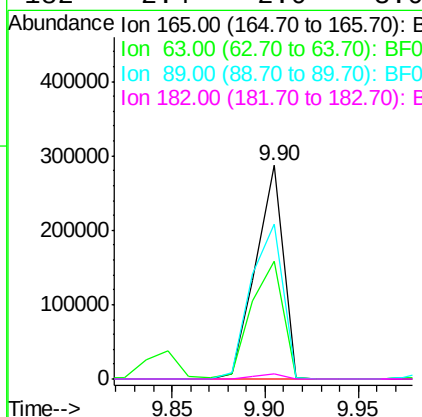
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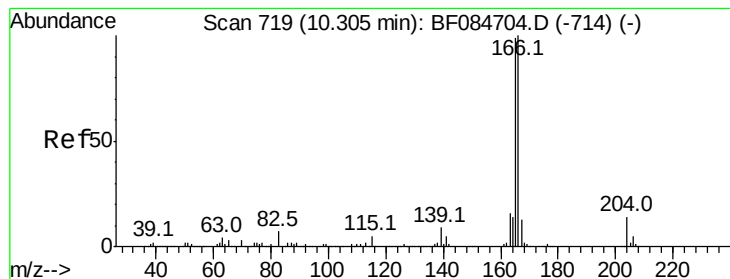
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#56
2,4-Dinitrotoluene
Concen: 41.88 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	294094		
63	55.1	36.7	55.1#	
89	72.5	61.9	92.9	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 38.89 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

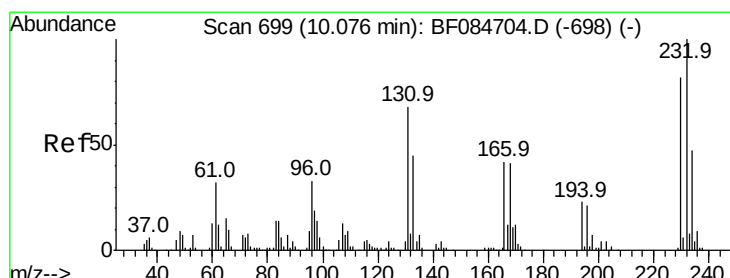
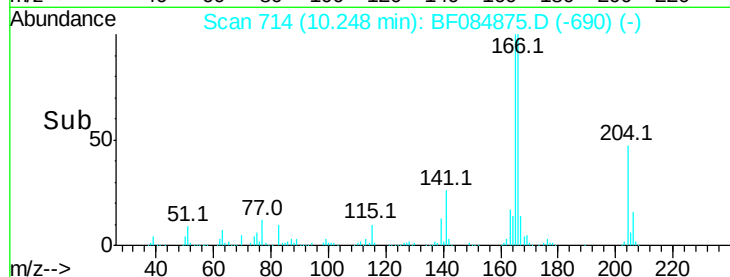
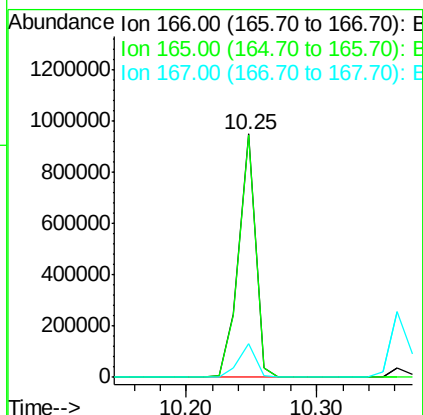
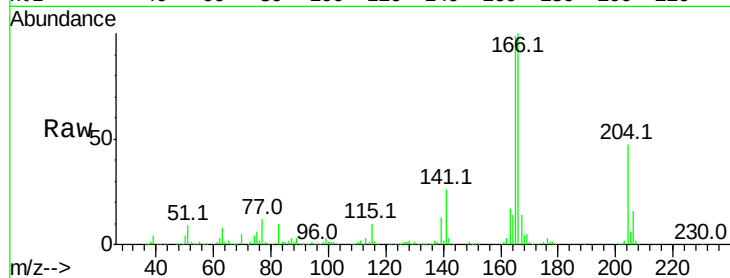
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Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	79.1	118.7	
167	13.7	10.4	15.6	



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.79 ng

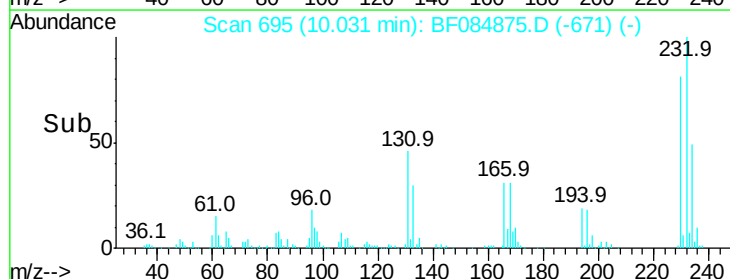
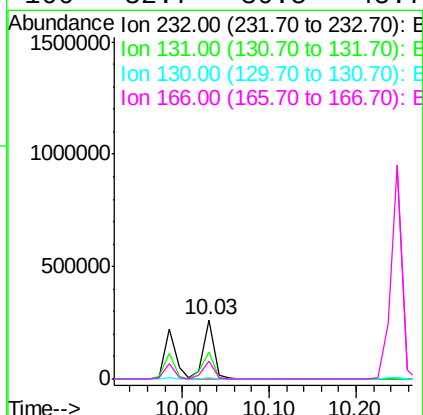
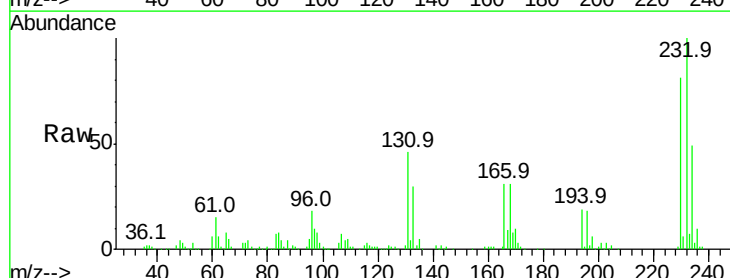
RT: 10.03 min Scan# 695

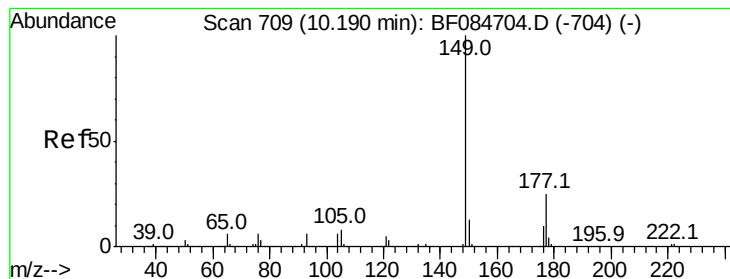
Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.6	47.0	70.6	
130	2.4	2.0	3.0	
166	32.7	30.5	45.7	





#59

Diethylphthalate

Concen: 36.54 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

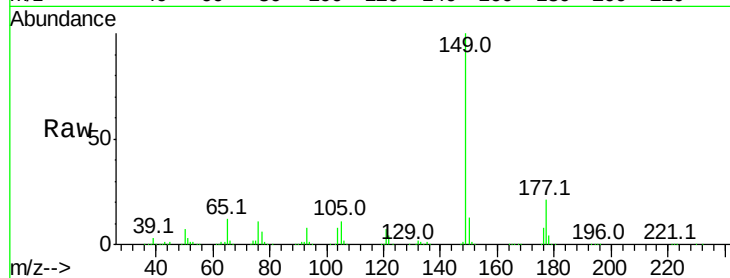
ClientSampleId :

SSTDCCC040EC

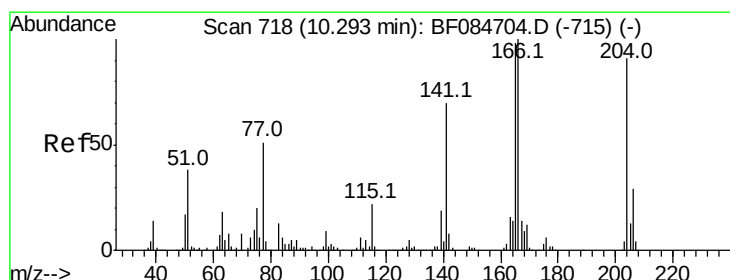
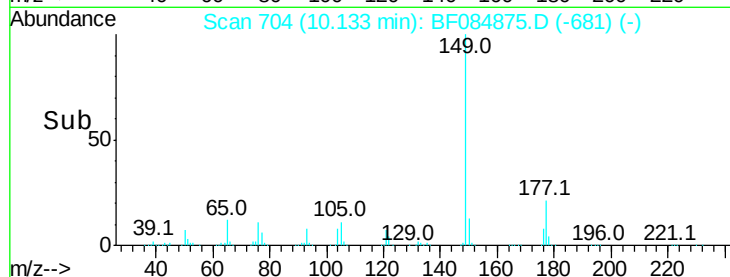
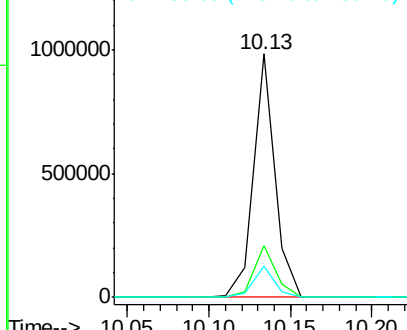
Tot Ion:	149	Resp:	899270
Ion Ratio	Lower	Upper	
149	100		
177	21.3	17.3	25.9
150	12.8	9.8	14.8

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



#60

4-Chlorophenyl-phenylether

Concen: 47.48 ng

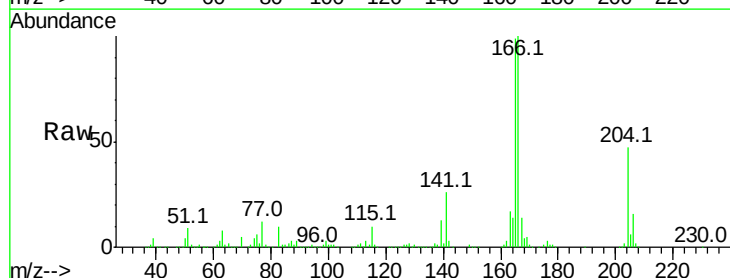
RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

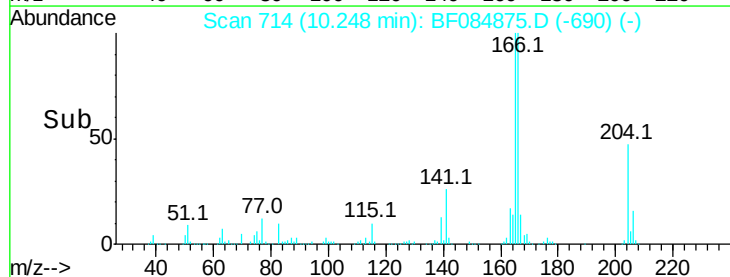
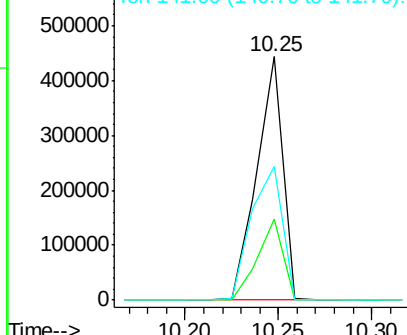
Lab File: BF084875.D

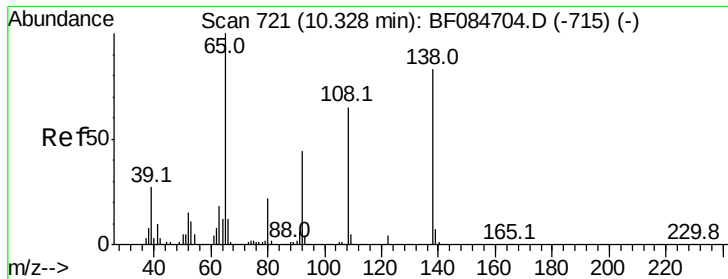
Acq: 5 Feb 2016 22:24

Tgt Ion:	204	Resp:	433760
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.7	38.5
141	55.1	55.1	82.7#



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





#61

4-Nitroaniline

Concen: 41.70 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

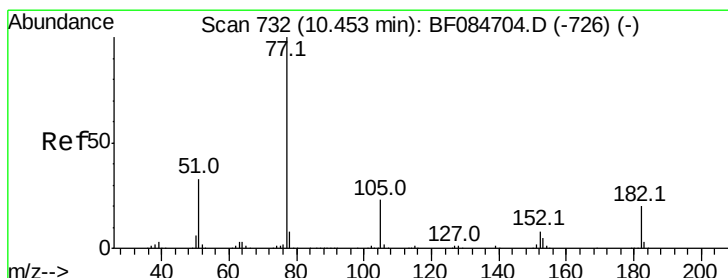
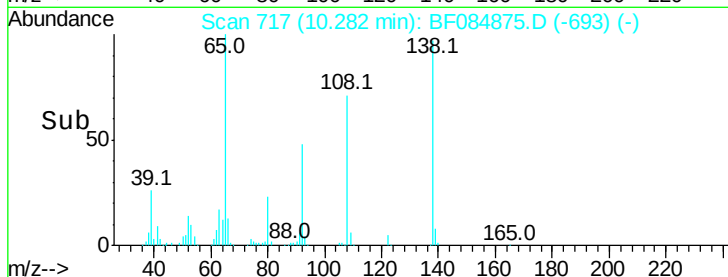
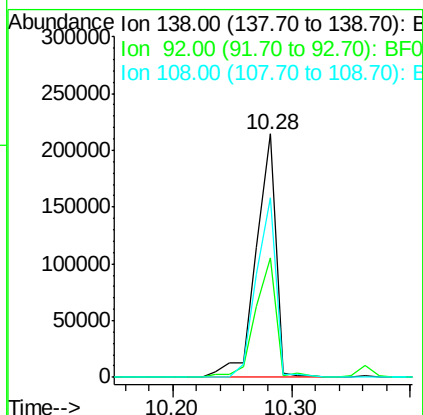
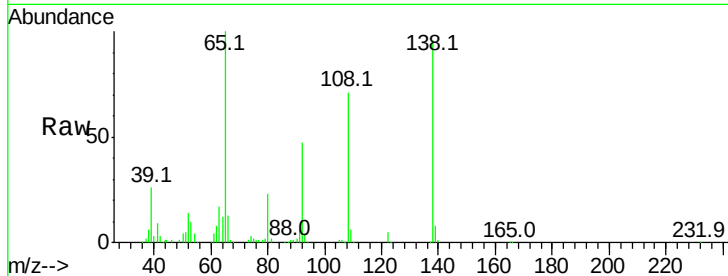
ClientSampleId :

SSTDCCC040EC

Tot Ion:	138	Resp:	251392
Ion Ratio	Lower	Upper	
138	100		
92	49.3	32.6	72.6
108	73.9	68.6	108.6

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#62

Azobenzene

Concen: 37.70 ng

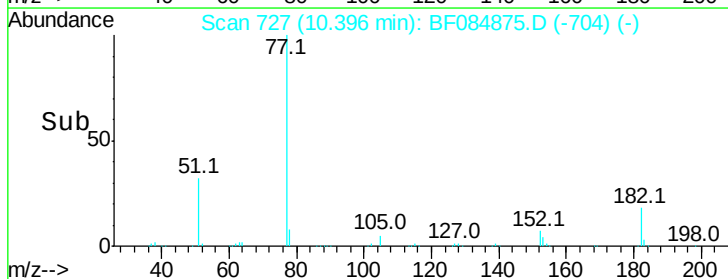
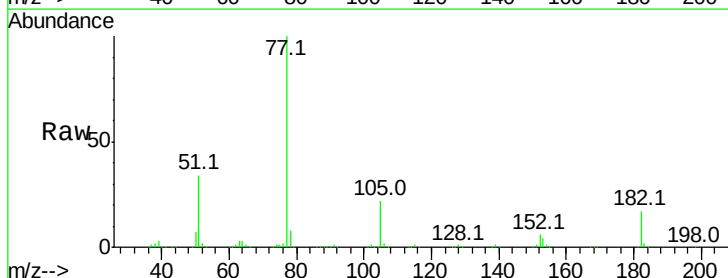
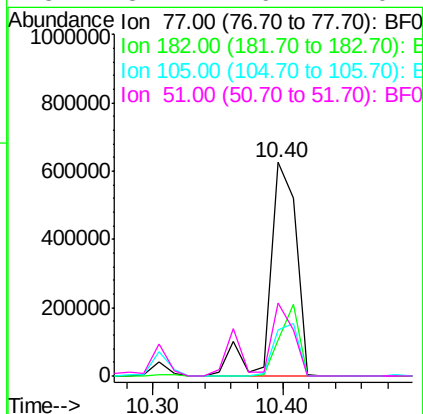
RT: 10.40 min Scan# 727

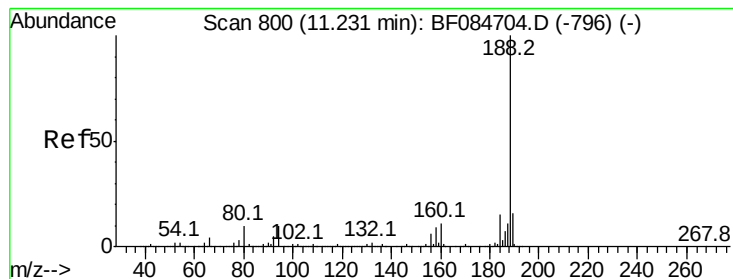
Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	77	Resp:	892083
Ion Ratio	Lower	Upper	
77	100		
182	16.6	8.3	48.3
105	21.6	4.6	44.6
51	34.1	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

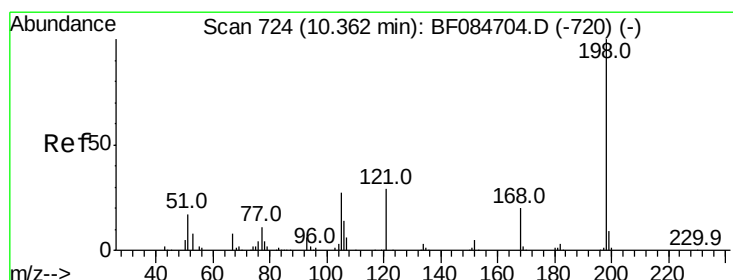
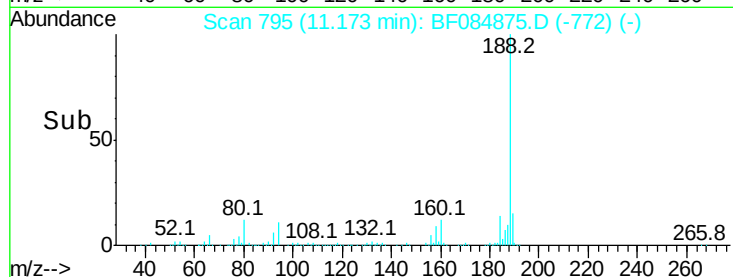
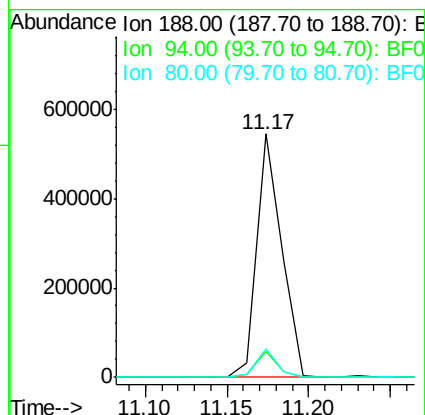
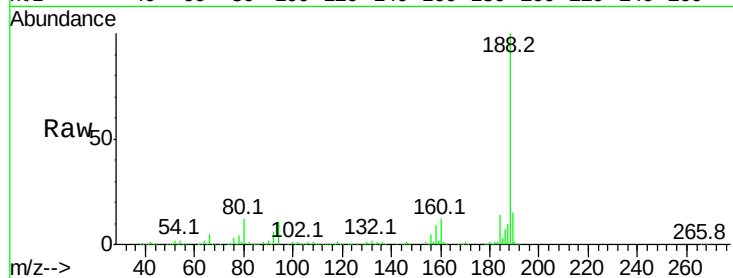
ClientSampleId :

SSTDCCC040EC

Tot Ion:188	Resp: 576315
Ion Ratio	Lower Upper
188 100	
94 10.8	9.0 13.4
80 11.9	9.6 14.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.47 ng

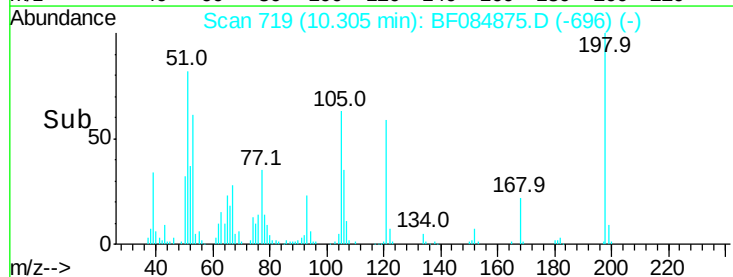
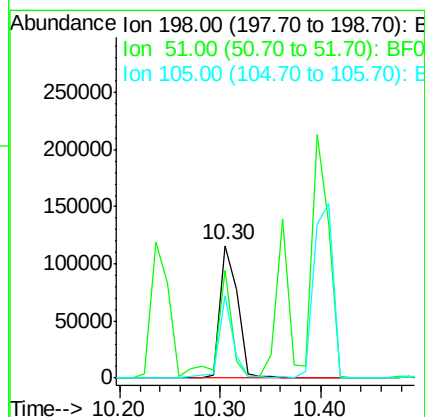
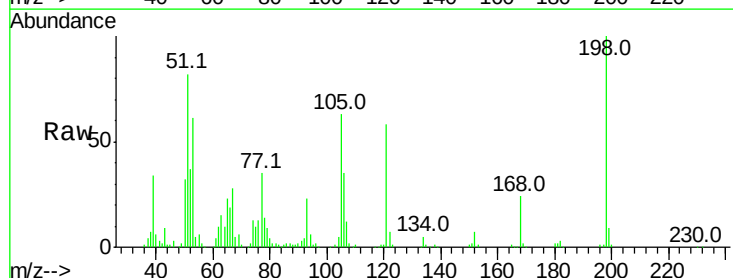
RT: 10.30 min Scan# 719

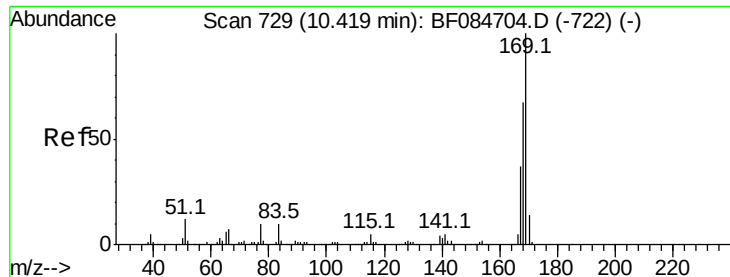
Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:198	Resp: 140411
Ion Ratio	Lower Upper
198 100	
51 81.6	18.9 58.9#
105 62.6	26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 37.29 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

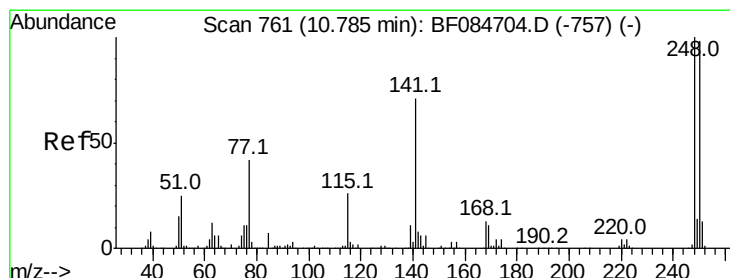
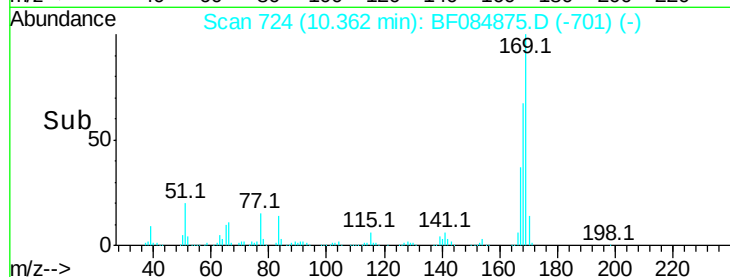
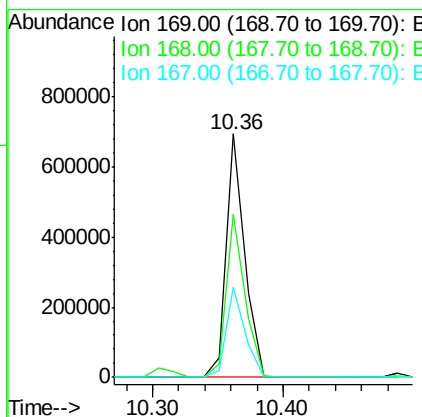
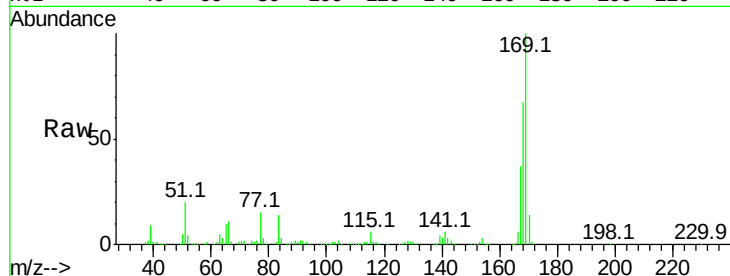
SSTDCCC040EC

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Tot Ion:	169	Resp:	682353
Ion Ratio	Lower	Upper	
169	100		
168	66.8	55.1	82.7
167	37.0	30.0	45.0



#66

4-Bromophenyl-phenylether

Concen: 39.93 ng

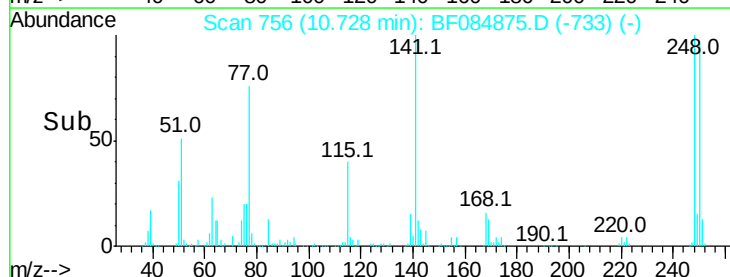
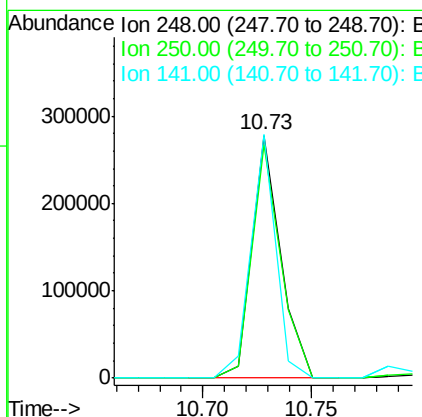
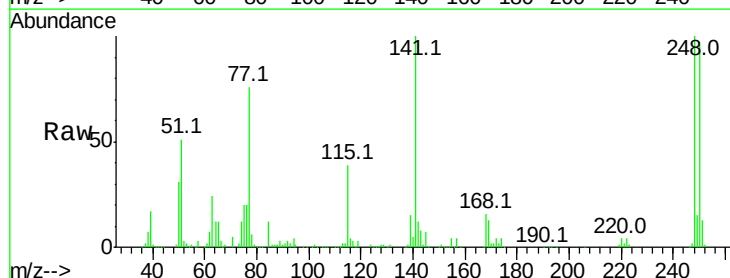
RT: 10.73 min Scan# 756

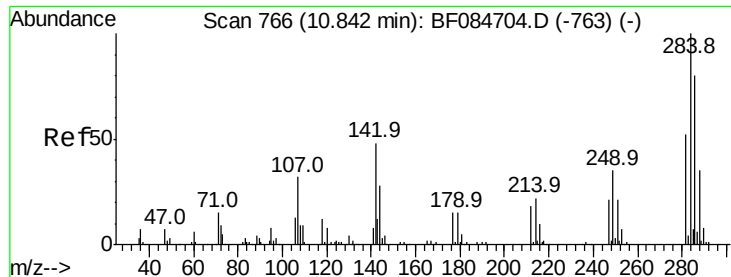
Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	248	Resp:	254170
Ion Ratio	Lower	Upper	
248	100		
250	96.2	78.4	117.6
141	100.5	44.0	66.0#





#67

Hexachlorobenzene

Concen: 42.76 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

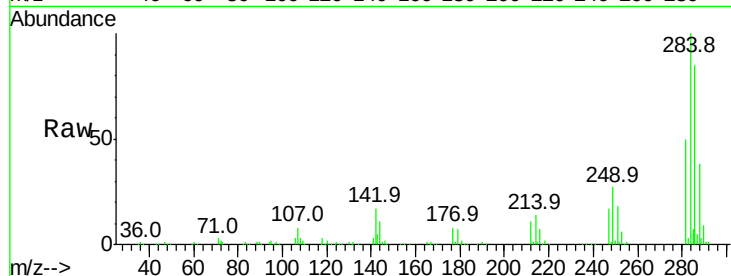
ClientSampleId :

SSTDCCC040EC

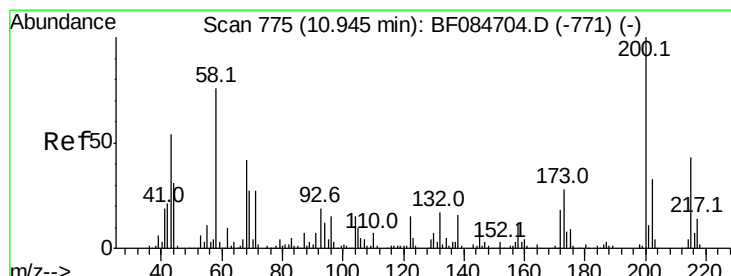
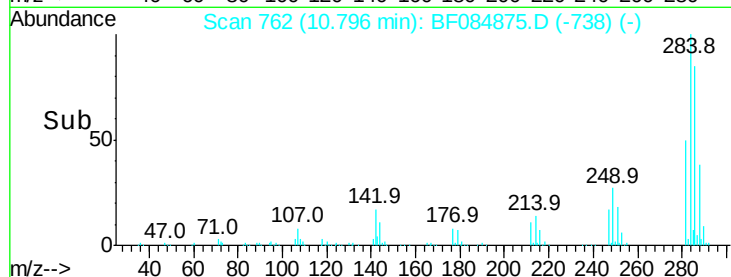
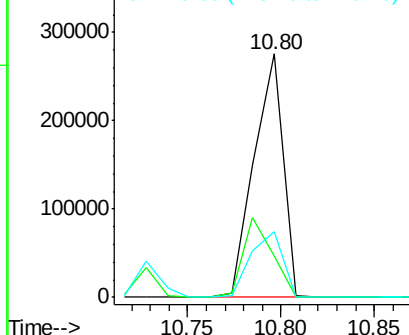
Tot Ion:	284	Resp:	296553
Ion Ratio		Lower	Upper
284	100		
142	16.9	22.2	33.4#
249	27.1	24.6	37.0

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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: 42.51 ng

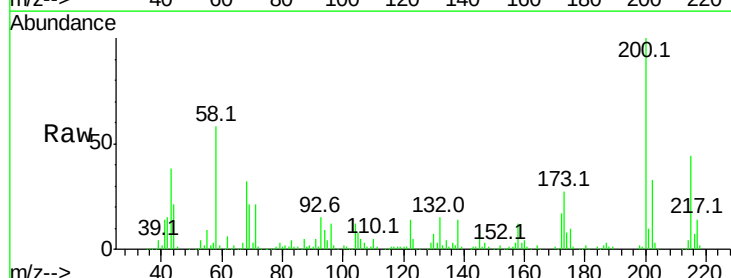
RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

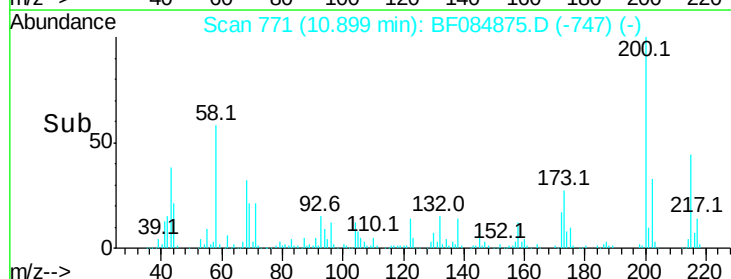
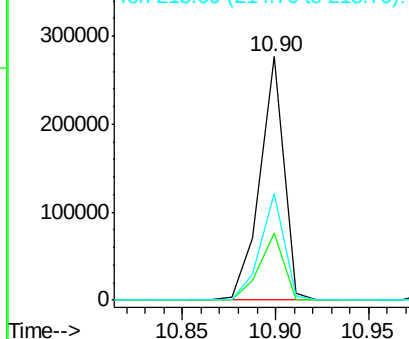
Lab File: BF084875.D

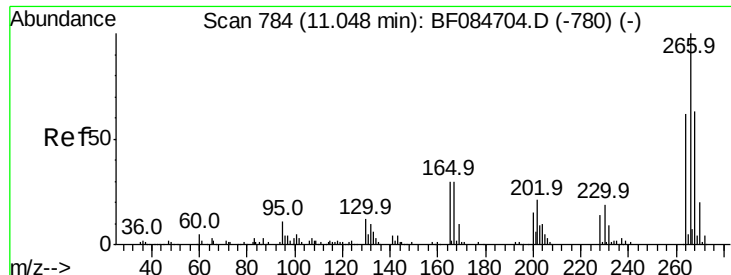
Acq: 5 Feb 2016 22:24

Tgt Ion:	200	Resp:	245671
Ion Ratio		Lower	Upper
200	100		
173	27.4	9.5	49.5
215	44.0	23.8	63.8



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





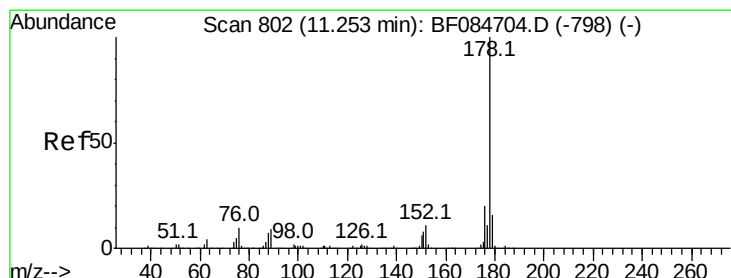
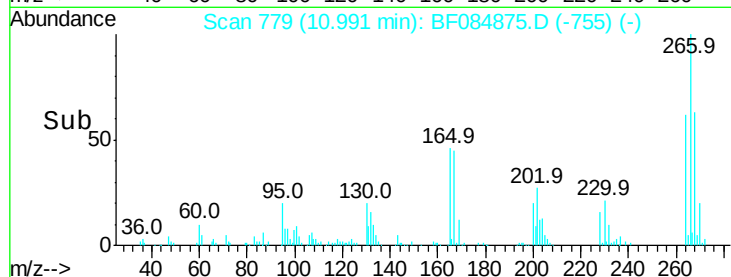
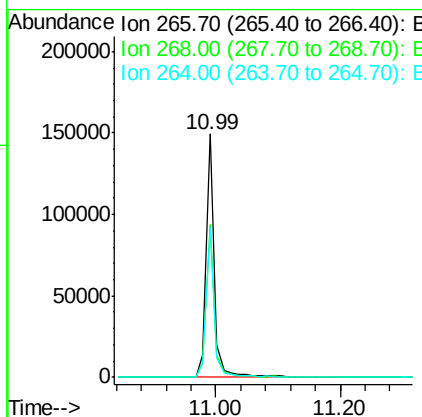
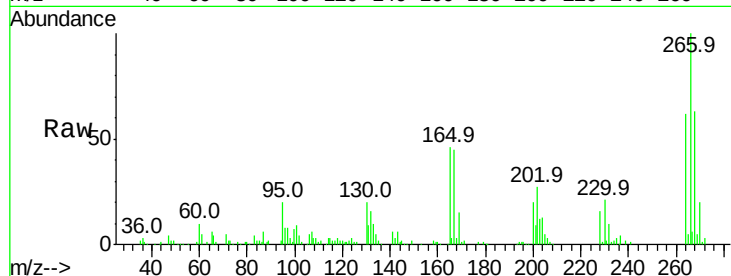
#69
 Pentachlorophenol
 Concen: 42.62 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	266	Resp:	138930
Ion Ratio		Lower	Upper
266	100		
268	62.9	52.4	78.6
264	61.9	50.2	75.2

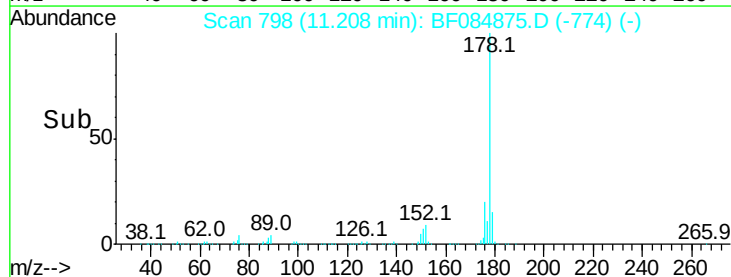
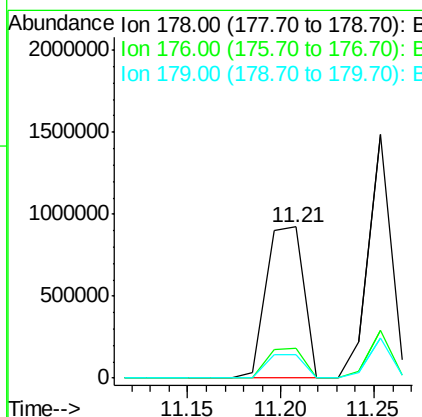
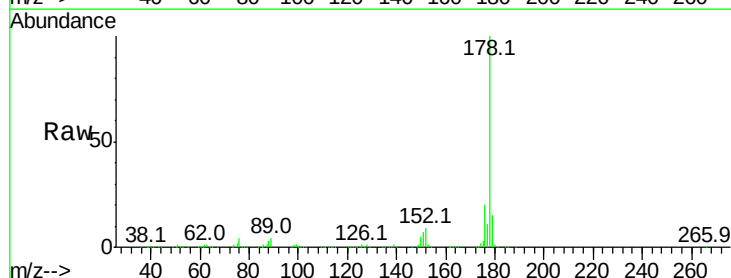
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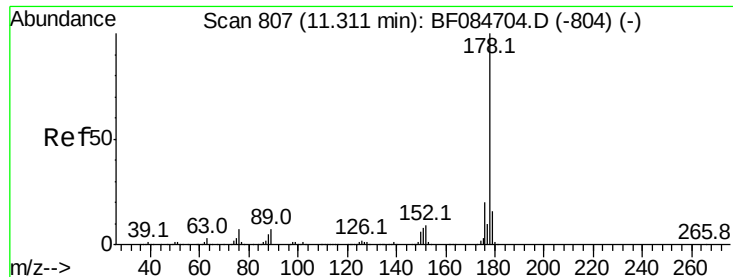
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#70
 Phenanthrene
 Concen: 39.93 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion:	178	Resp:	1276291
Ion Ratio		Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.3	12.0	18.0





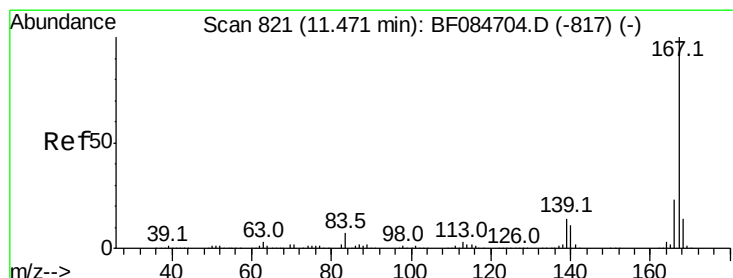
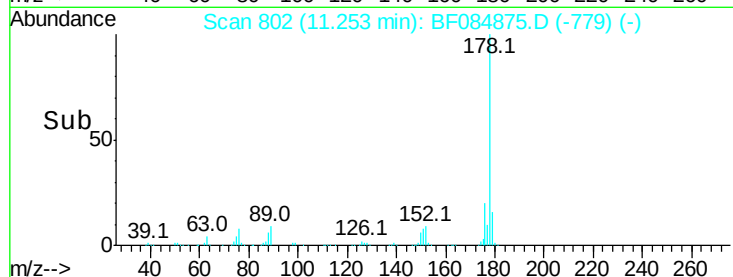
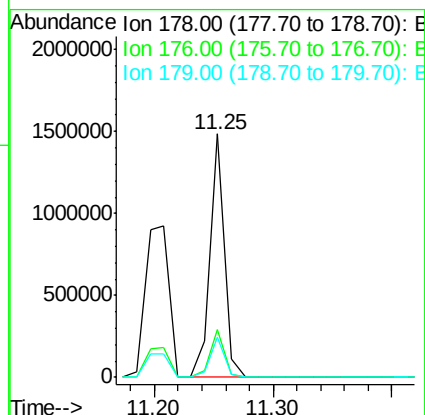
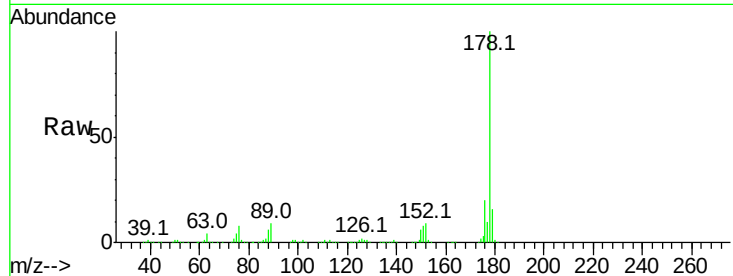
#71
 Anthracene
 Concen: 38.76 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1248321
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 16.2 12.5 18.7

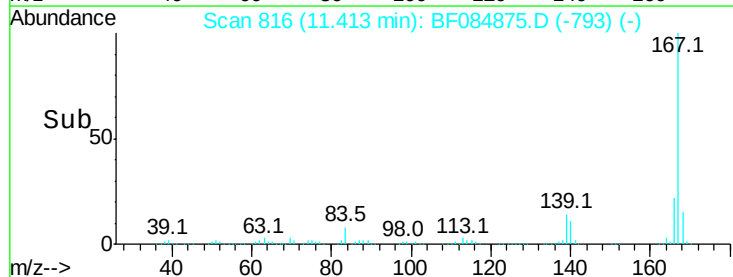
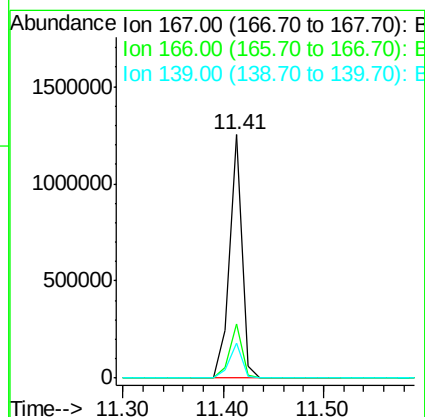
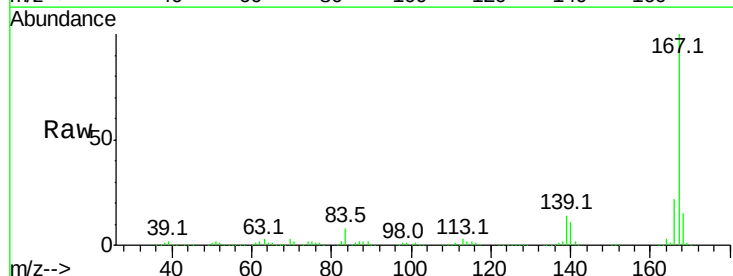
Manual Integrations
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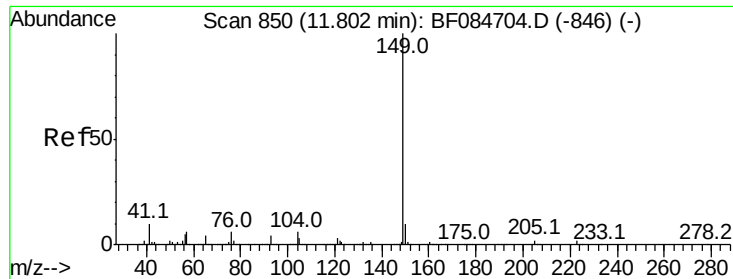
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#72
 Carbazole
 Concen: 38.29 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion:167 Resp: 1075346
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 42.64 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1524798

Ion Ratio Lower Upper

149 100

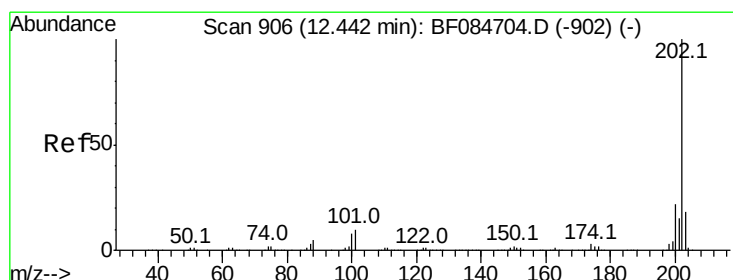
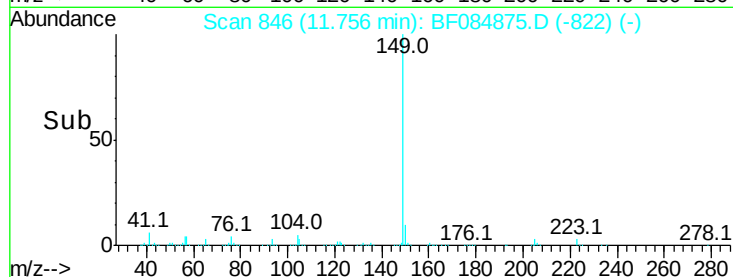
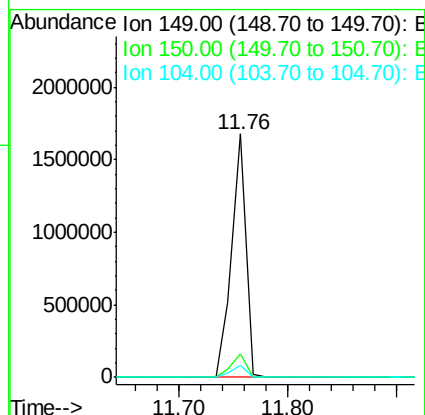
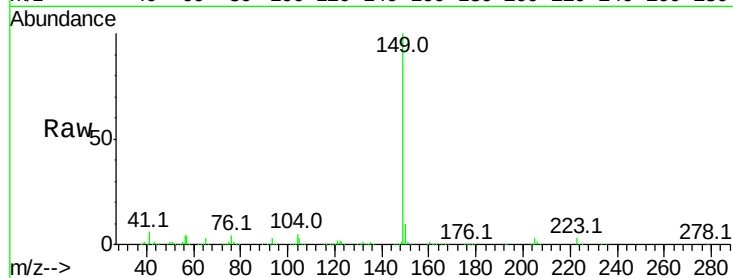
150 9.8 7.1 10.7

104 4.9 3.2 4.8#

Manual Integrations
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#74

Fluoranthene

Concen: 39.22 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

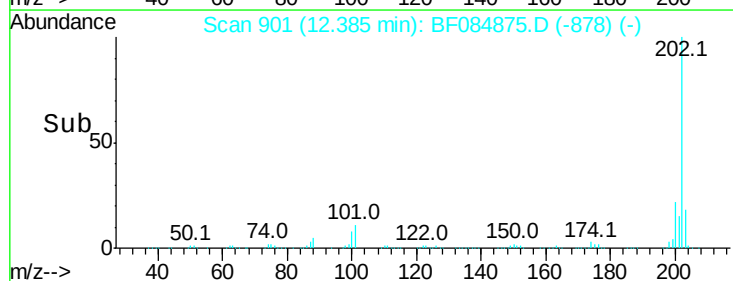
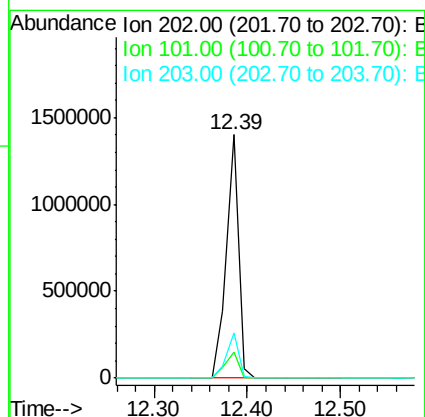
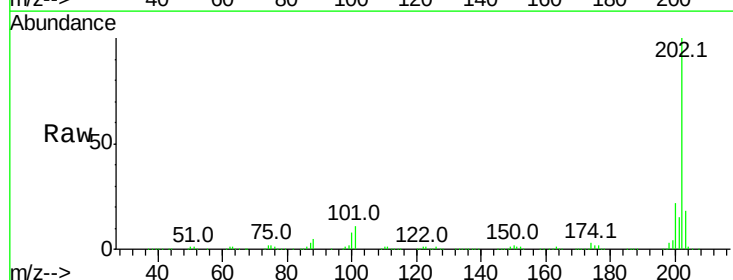
Tgt Ion:202 Resp: 1268767

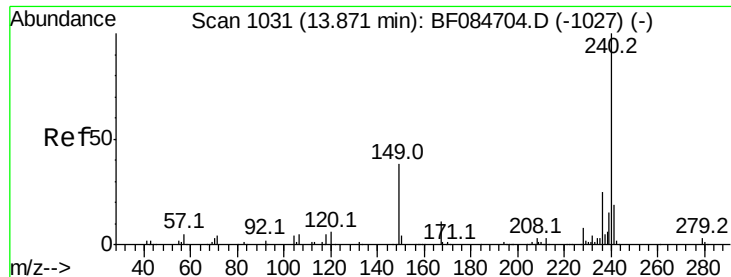
Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.8

203 18.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

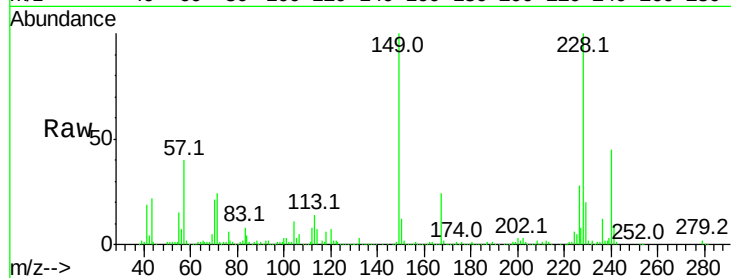
ClientSampleId :

SSTDCCC040EC

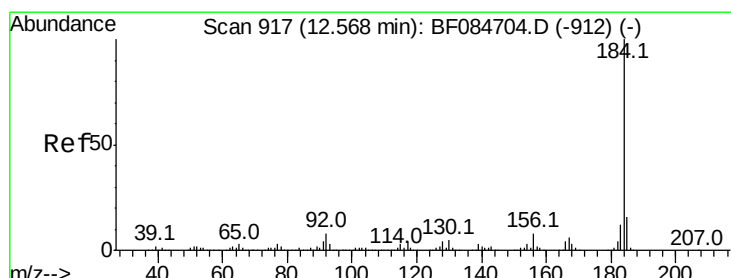
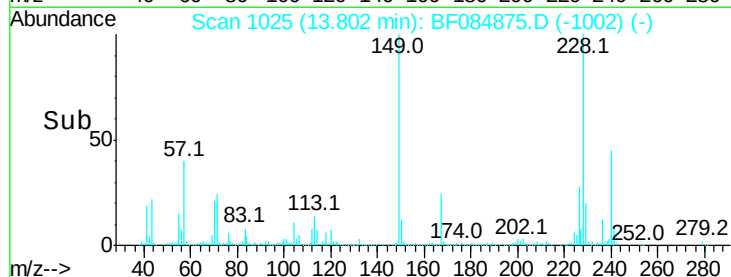
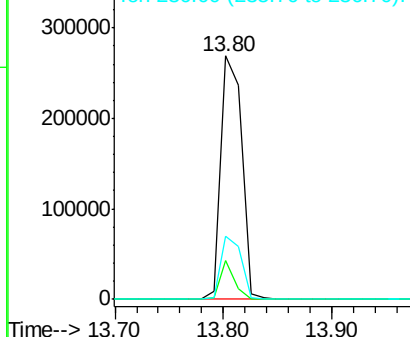
Tot Ion:	240	Resp:	360037
Ion Ratio	Lower	Upper	
240	100		
120	16.2	9.5	14.3#
236	25.7	20.6	31.0

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



#76

Benzidine

Concen: 38.40 ng

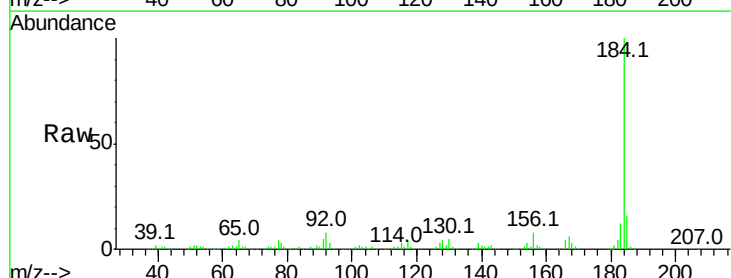
RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

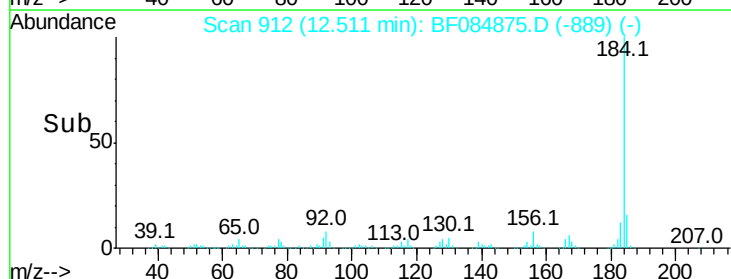
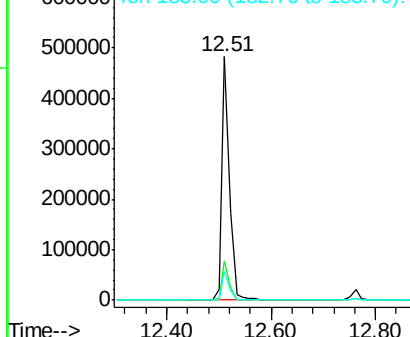
Lab File: BF084875.D

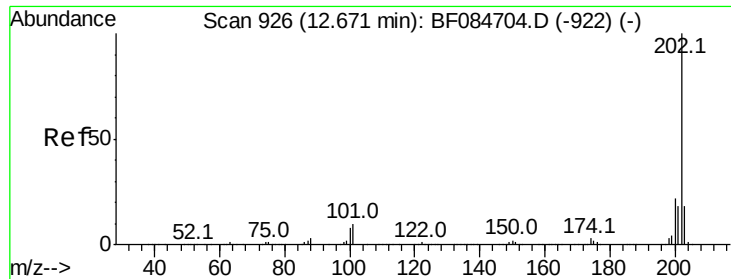
Acq: 5 Feb 2016 22:24

Tgt Ion:	184	Resp:	487926
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.2
183	11.6	9.8	14.8



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





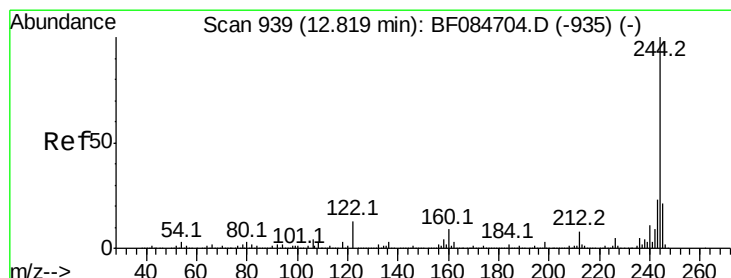
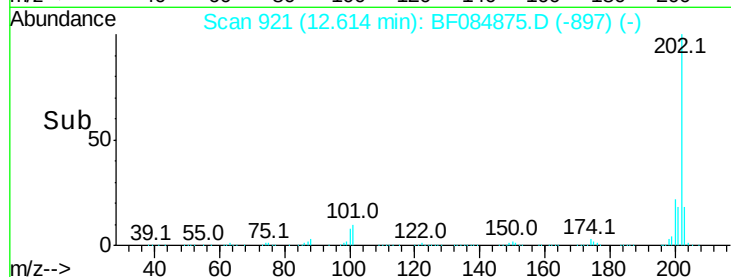
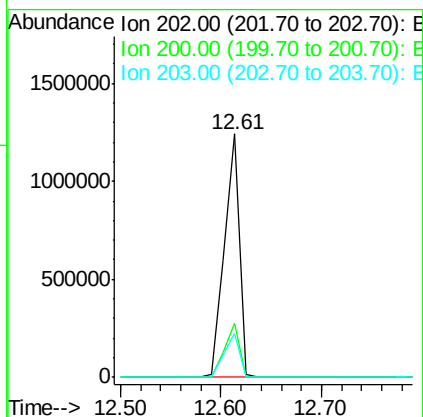
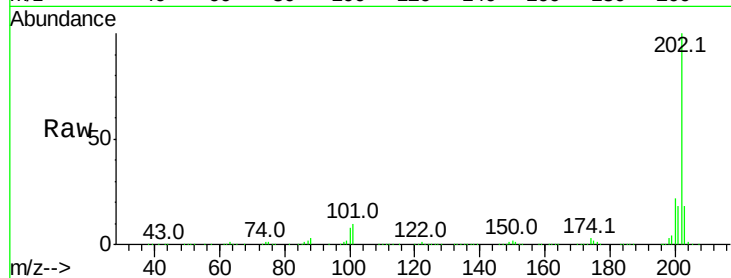
#77
Pvrene
Concen: 46.90 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	18.2	14.3	21.5

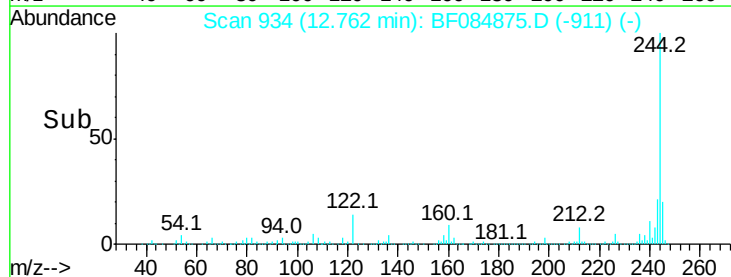
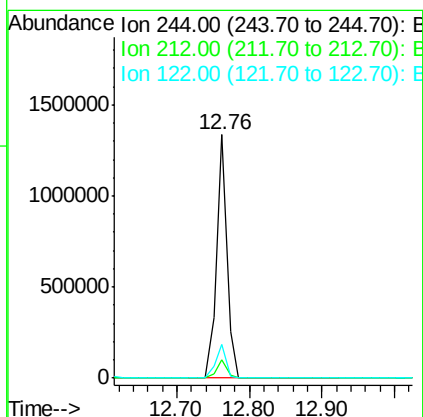
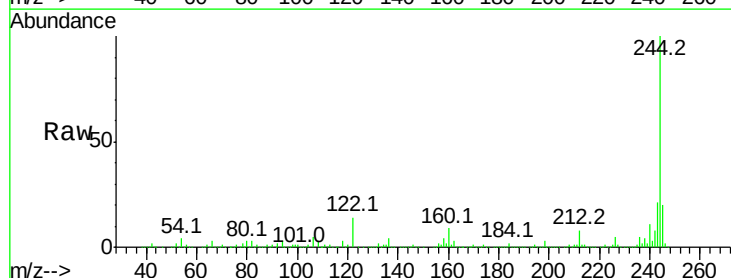
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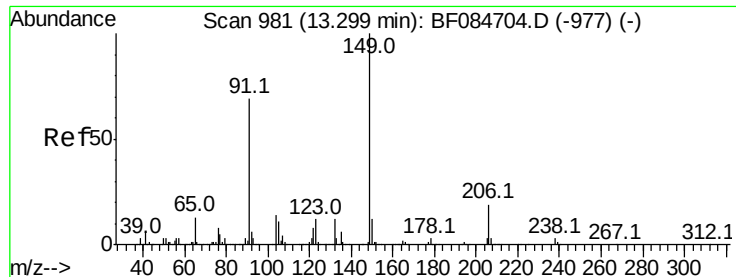
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#78
Terphenyl-d14
Concen: 83.68 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	14.1	7.4	11.0





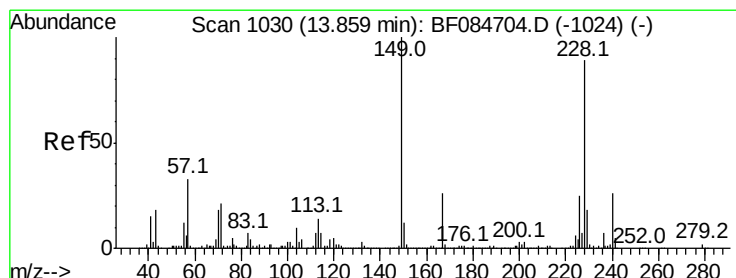
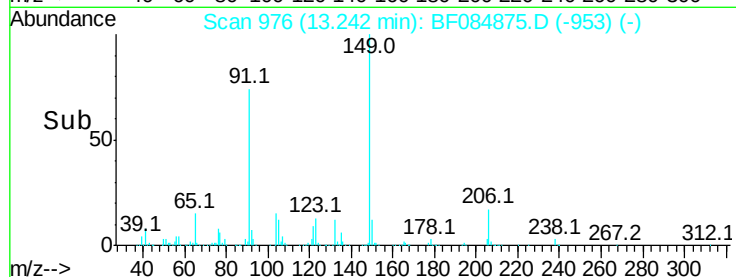
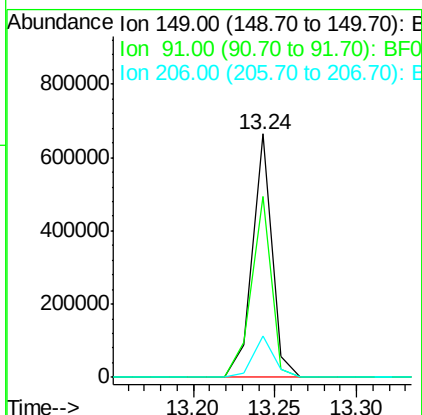
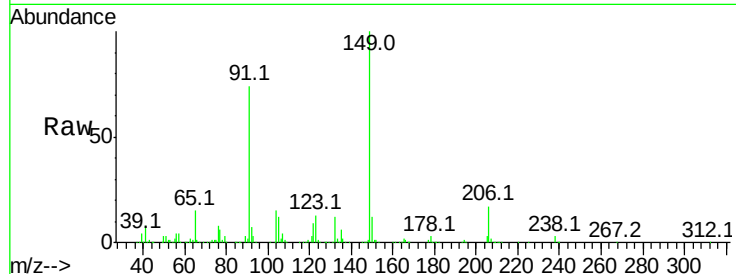
#79
Butylbenzylphthalate
Concen: 44.53 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.4	57.6	86.4	
206	17.1	13.2	19.8	

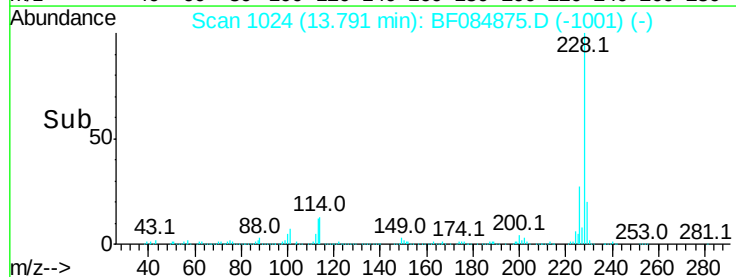
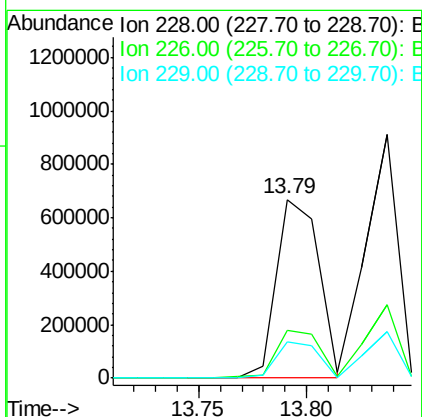
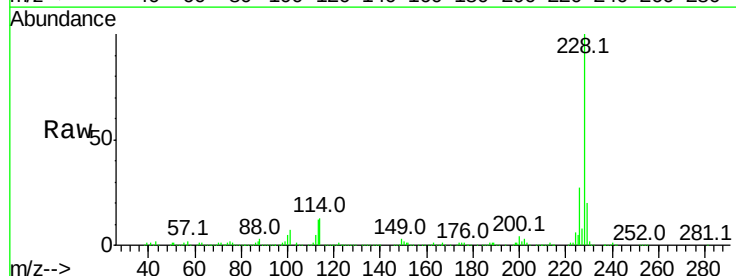
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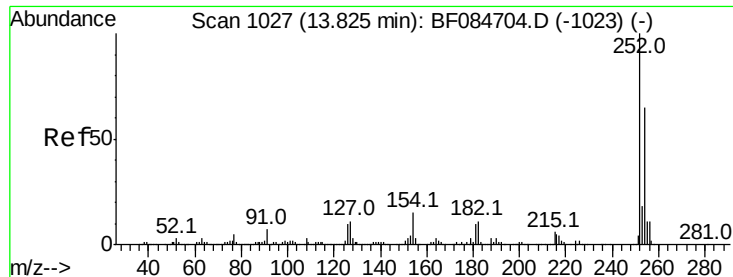
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#80
Benzo(a)anthracene
Concen: 40.85 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.0	21.8	32.6	
229	20.2	15.8	23.8	





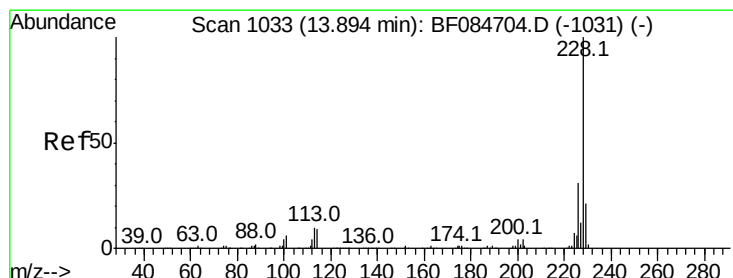
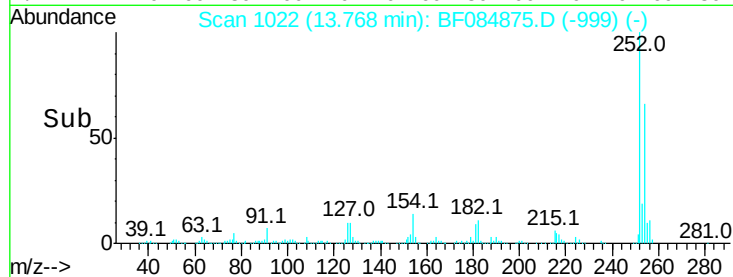
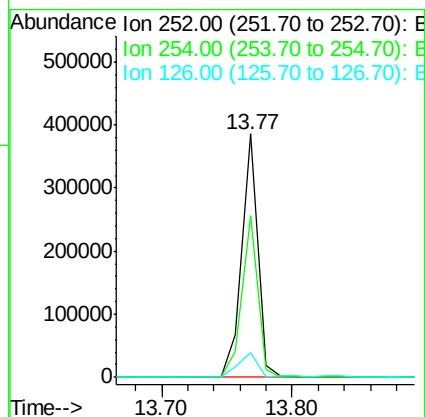
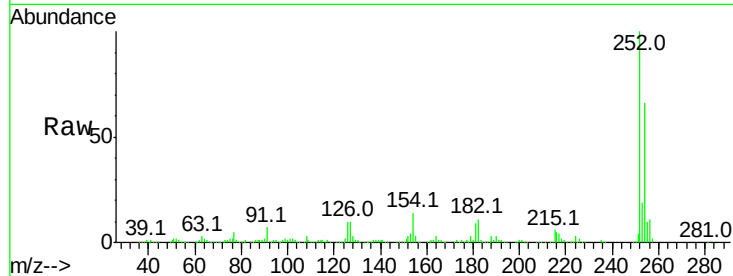
#81
 3,3'-Dichlorobenzidine
 Concen: 41.45 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.2	53.5	80.3
126	10.2	4.9	7.3

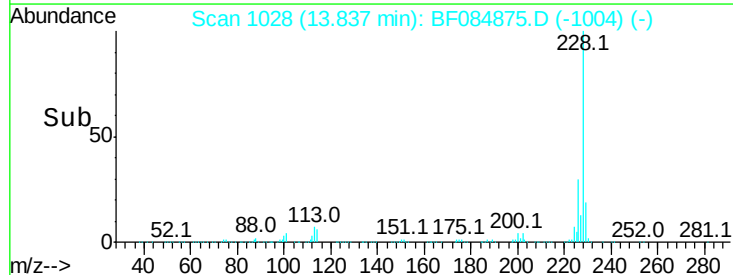
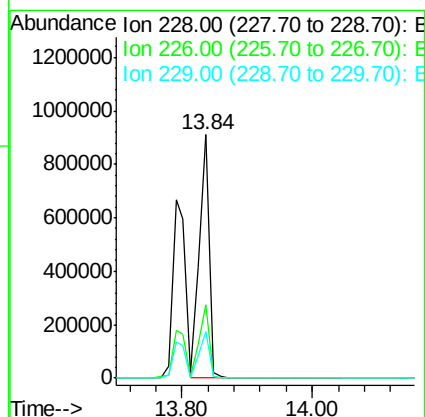
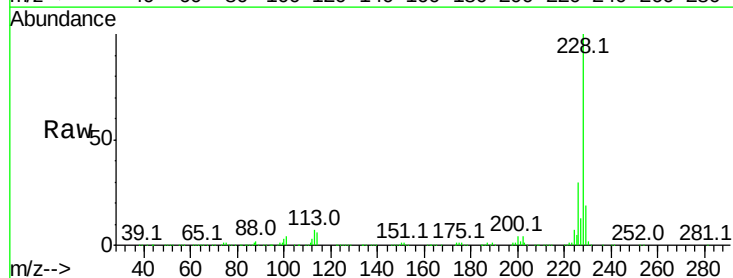
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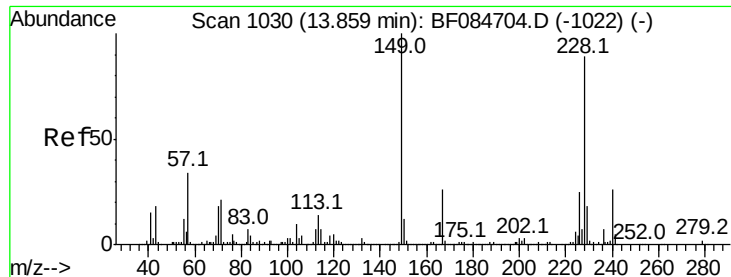
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#82
 Chrysene
 Concen: 43.30 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.3	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.88 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

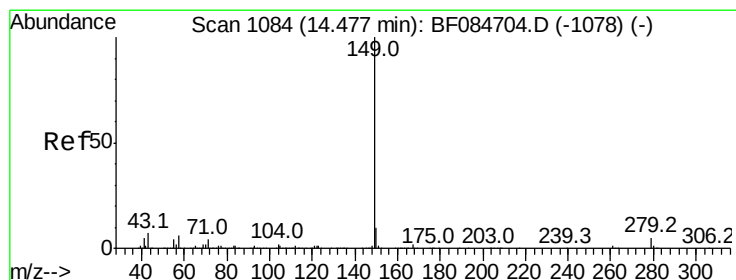
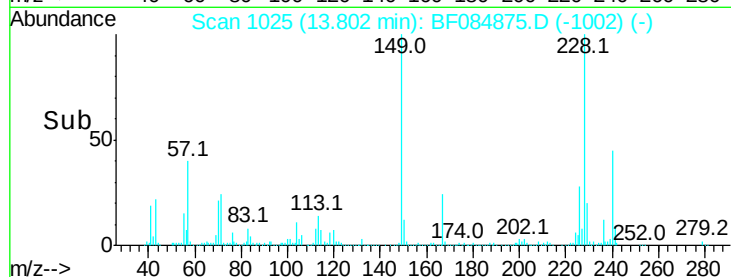
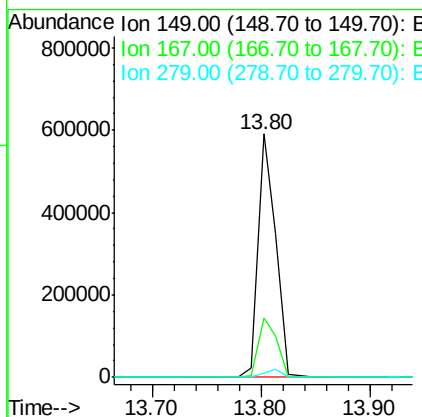
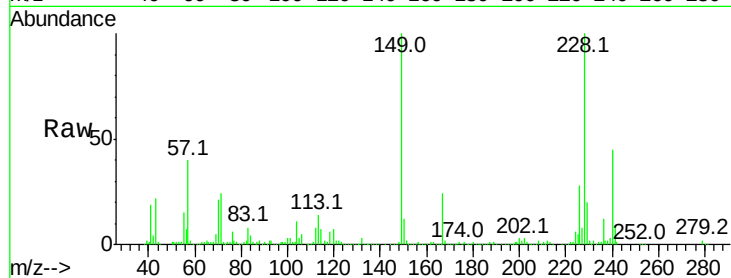
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	667323
Ion Ratio	Lower	Upper	
149	100		
167	24.5	19.7	29.5
279	1.8	1.8	2.6

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.64 ng

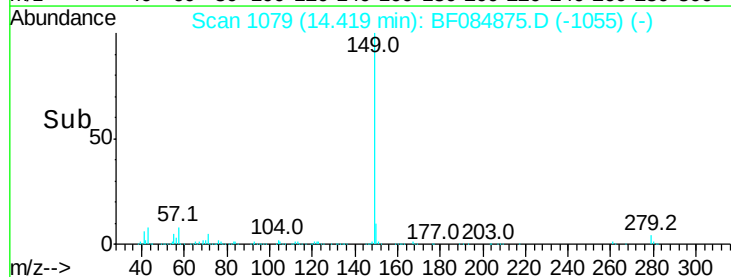
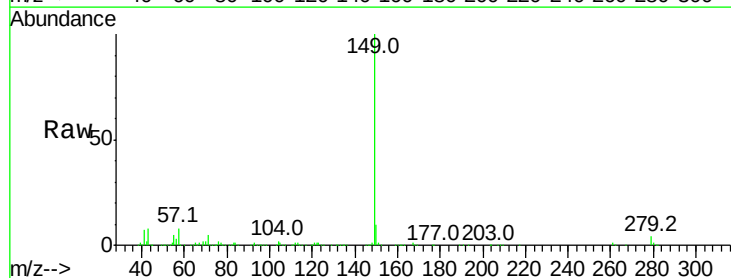
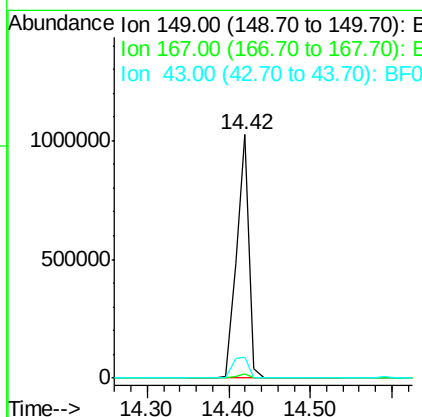
RT: 14.42 min Scan# 1079

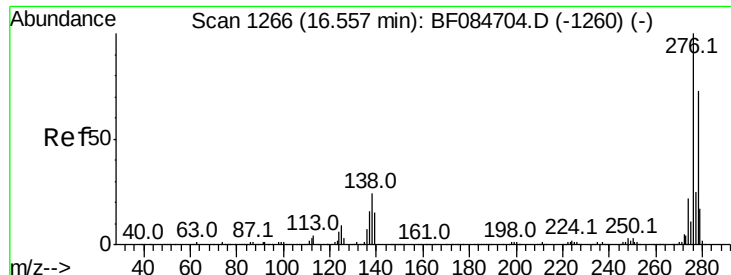
Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:	149	Resp:	1068974
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.2	5.6	8.4#





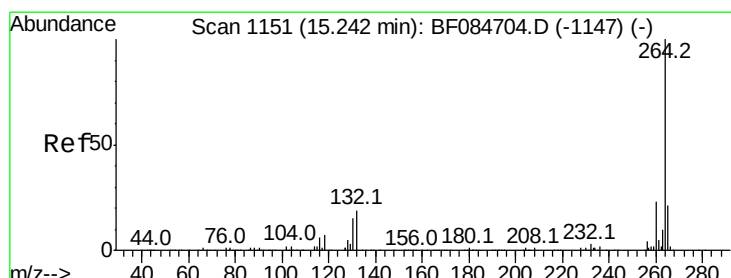
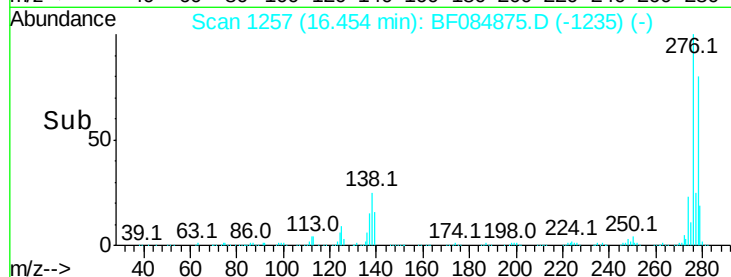
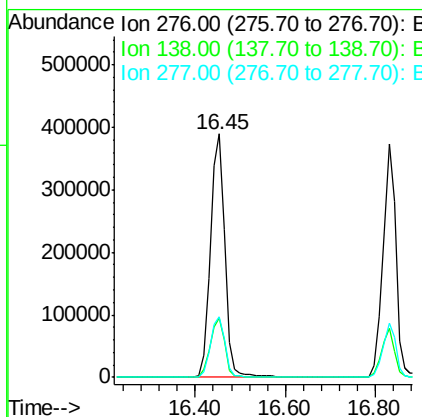
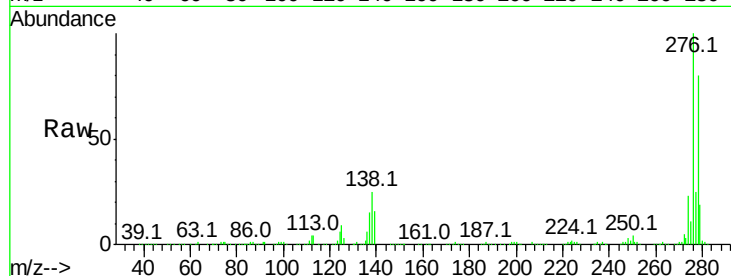
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.05 ng
RT: 16.45 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
276	100	870665		
138	24.7		20.6	30.8
277	25.0		20.1	30.1

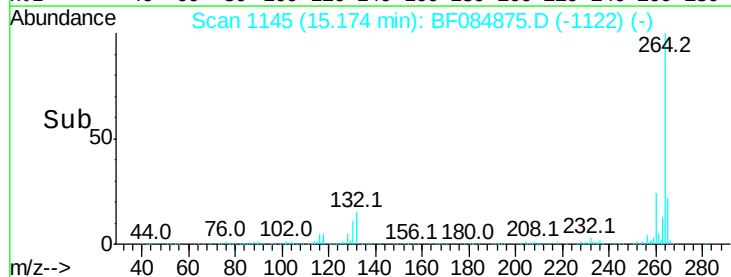
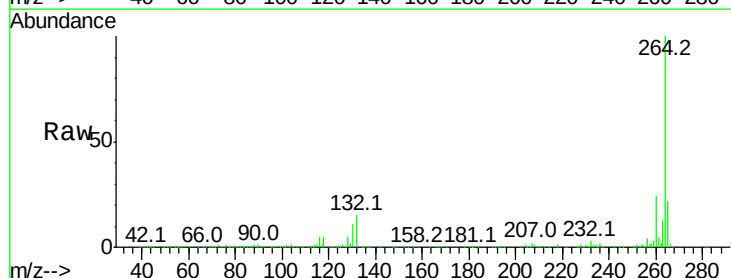
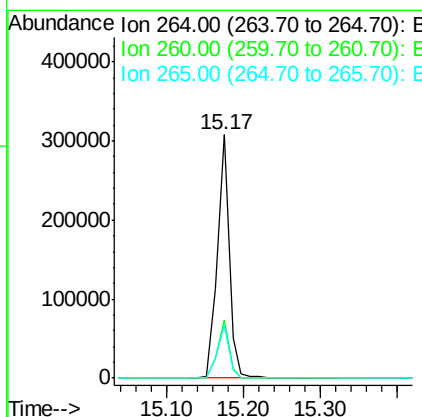
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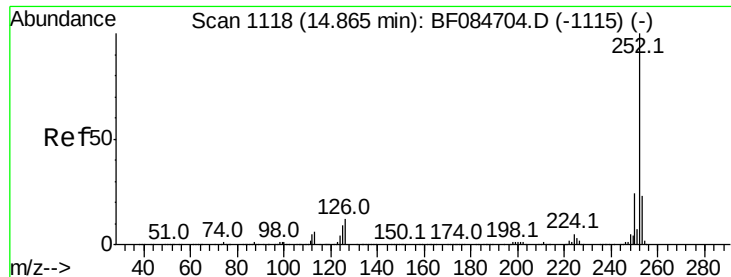
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	332815		
260	23.8		19.4	29.2
265	21.6		17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 32.12 ng m

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

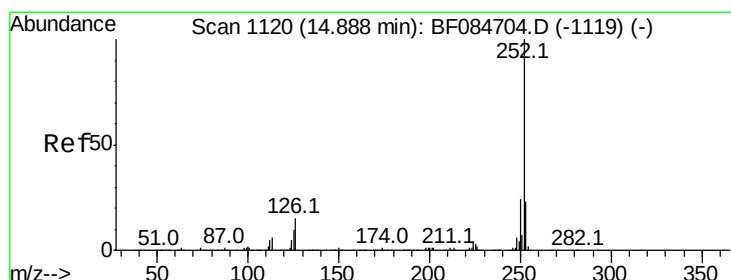
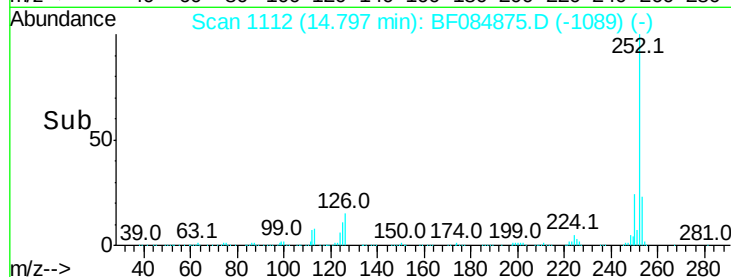
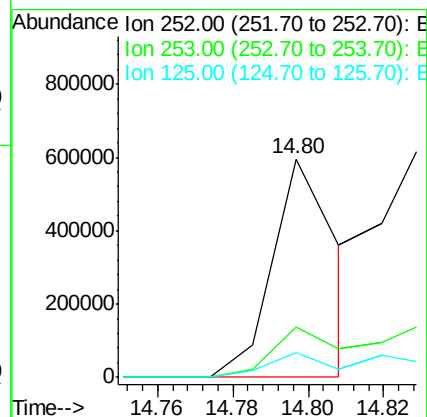
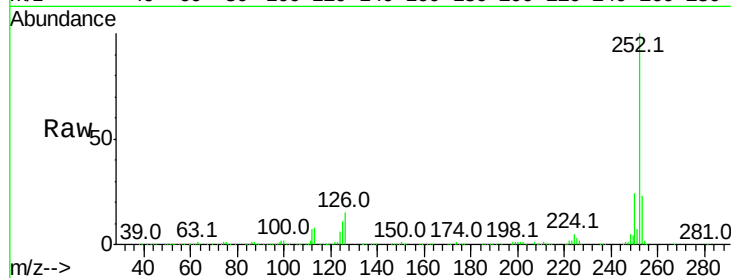
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	11.1	6.5	9.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.38 ng m

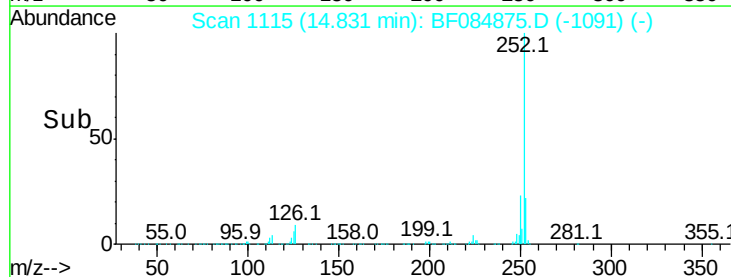
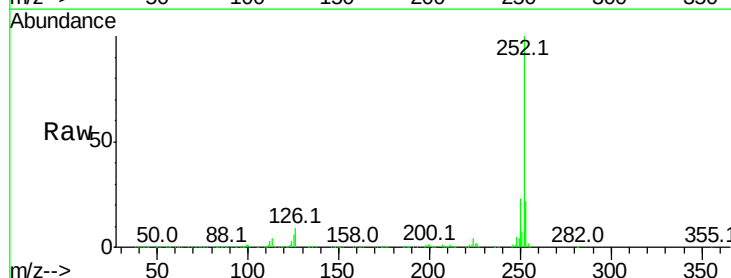
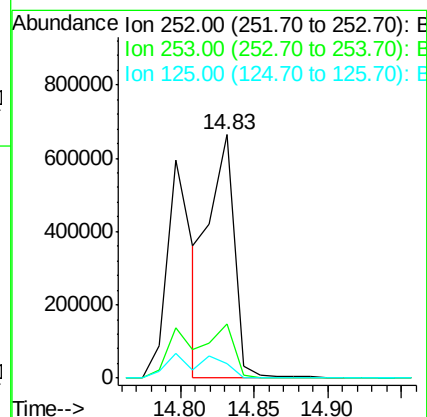
RT: 14.83 min Scan# 1115

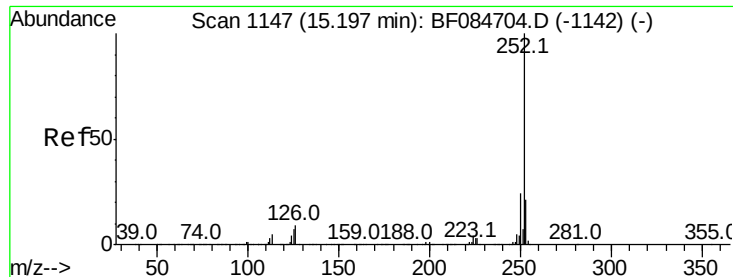
Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.2	9.0	13.6#





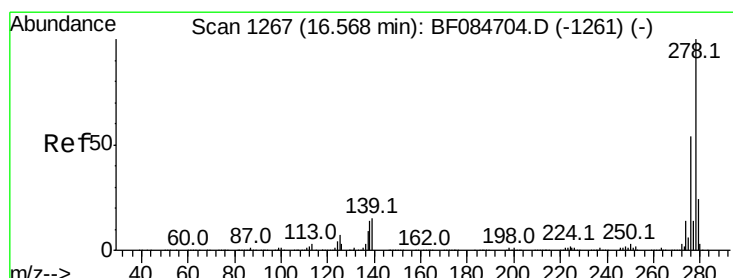
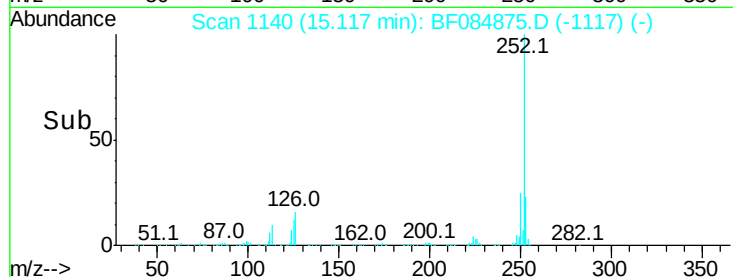
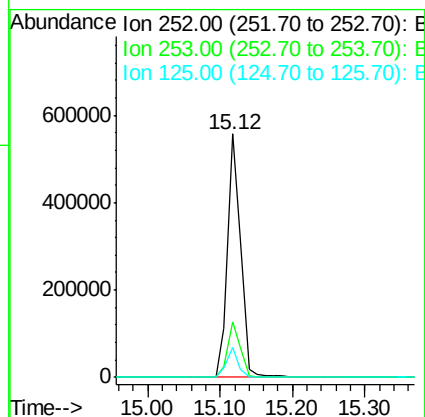
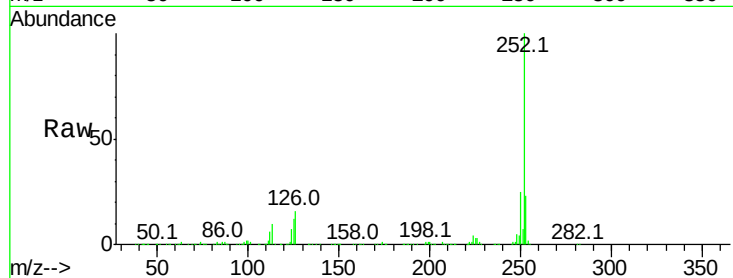
#89
Benzo(a)pyrene
Concen: 37.00 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	12.4	7.0	10.4

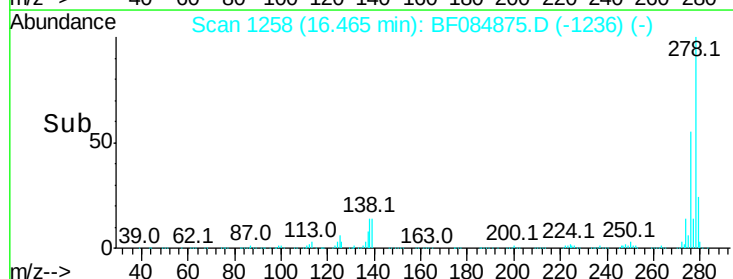
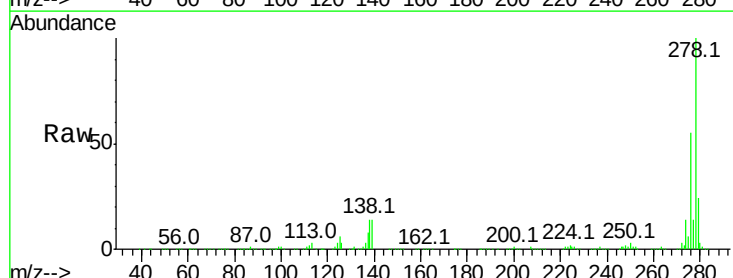
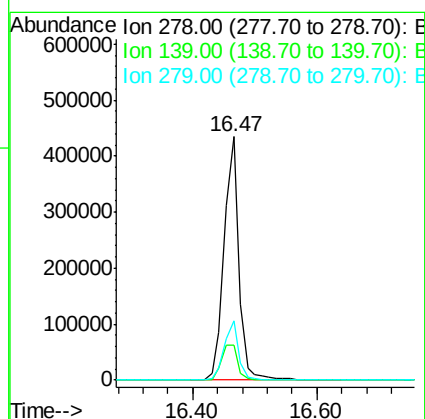
Manual Integrations
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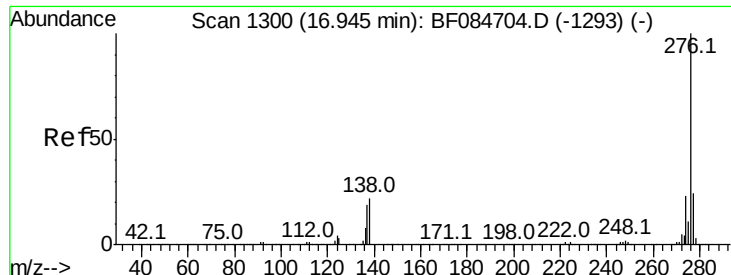
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#90
Dibenzo(a,h)anthracene
Concen: 44.55 ng
RT: 16.47 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.0	22.4
279	24.1	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 46.76 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	18.8	28.2
138	20.9	17.8	26.6

Manual Integrations
 APPROVED

UMANGI
 2/8/2016 3:03:05 PM

