

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084903.D
 Acq On : 6 Feb 2016 11:17
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 2/8/2016 3:04:31 PM

Quant Time: Feb 08 01:30:07 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	174288	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	699387	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	314590	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	520190	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	324283	20.00	ng	-0.03
86) Perylene-d12	15.17	264	344488	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	807118	72.13	ng	-0.03
7) Phenol-d6	6.32	99	1009017	72.74	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1020287	82.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	225587	68.75	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1712532	95.73	ng	-0.02
78) Terphenyl-d14	12.76	244	1156612	80.82	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	178659m	36.45	ng	
3) Pyridine	2.77	79	550455	43.10	ng	# 71
4) n-Nitrosodimethylamine	2.74	42	259888	39.35	ng	83
6) Aniline	6.33	93	689866	40.64	ng	# 80
8) 2-Chlorophenol	6.45	128	487375	38.48	ng	89
9) Benzaldehyde	6.20	77	299938	36.62	ng	96
10) Phenol	6.33	94	522637	33.63	ng	# 53
11) bis(2-Chloroethyl)ether	6.41	93	475847	39.27	ng	85
12) 1,3-Dichlorobenzene	6.60	146	539860	40.34	ng	97
13) 1,4-Dichlorobenzene	6.68	146	553123	41.35	ng	93
14) 1,2-Dichlorobenzene	6.83	146	445417	35.75	ng	95
15) Benzyl Alcohol	6.82	79	365051	38.11	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	779109	38.22	ng	89
17) 2-Methylphenol	6.94	107	399875	39.92	ng	# 92
18) Hexachloroethane	7.17	117	204043	39.61	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	311317	35.80	ng	# 73
20) 3+4-Methylphenols	7.09	107	491788	39.55	ng	# 73
22) Acetophenone	7.08	105	675510	36.65	ng	# 99
24) Nitrobenzene	7.25	77	453654	34.12	ng	95
25) Isophorone	7.50	82	930044	38.52	ng	94
26) 2-Nitrophenol	7.57	139	276675	42.19	ng	# 89
27) 2,4-Dimethylphenol	7.62	122	410754	36.01	ng	96
28) bis(2-Chloroethoxy)methane	7.71	93	526020	36.73	ng	99
29) 2,4-Dichlorophenol	7.82	162	372009	38.12	ng	91
30) 1,2,4-Trichlorobenzene	7.89	180	402664	36.53	ng	96
31) Naphthalene	7.97	128	1337257	38.12	ng	100
32) Benzoic acid	7.77	122	244930	33.57	ng	90
33) 4-Chloroaniline	8.03	127	541915	37.35	ng	99
34) Hexachlorobutadiene	8.10	225	250801	39.46	ng	99
35) Caprolactam	8.42	113	119917	39.87	ng	# 58
36) 4-Chloro-3-methylphenol	8.52	107	390183	35.05	ng	94
37) 2-Methylnaphthalene	8.66	142	793544	36.14	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	399448	39.98	ng	99
40) Hexachlorocyclopentadiene	8.82	237	96179	29.90	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	239060	37.14	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	265016	40.52	nq #	90
45) 1,1'-Biphenyl	9.13	154	1032860	36.76	nq	98
46) 2-Chloronaphthalene	9.15	162	769274	37.18	nq	94
47) 2-Nitroaniline	9.25	65	260398	39.74	nq	96
48) Acenaphthylene	9.56	152	1186507	37.78	nq	98
49) Dimethylphthalate	9.44	163	901597	37.63	nq #	90
50) 2,6-Dinitrotoluene	9.50	165	209685	40.06	nq #	87
51) Acenaphthene	9.73	154	737290	36.09	nq	98
52) 3-Nitroaniline	9.66	138	198979	33.83	nq	97
53) 2,4-Dinitrophenol	9.78	184	41818	21.86	nq	90
54) Dibenzofuran	9.90	168	933976	37.41	nq	93
55) 4-Nitrophenol	9.85	139	146779	33.95	nq	85
56) 2,4-Dinitrotoluene	9.90	165	271282	40.63	nq	90
57) Fluorene	10.25	166	804401	38.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	200476	40.27	nq	89
59) Diethylphthalate	10.13	149	853747	36.49	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	410741	47.25	nq #	88
61) 4-Nitroaniline	10.28	138	233978	40.82	nq #	80
62) Azobenzene	10.40	77	845900	37.60	nq	84
64) 4,6-Dinitro-2-methylphenol	10.30	198	91365	28.46	nq #	61
65) n-Nitrosodiphenylamine	10.36	169	651526	39.44	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	234593	40.83	nq #	77
67) Hexachlorobenzene	10.80	284	271666	43.39	nq #	89
68) Atrazine	10.90	200	247552	47.46	nq	97
69) Pentachlorophenol	10.99	266	116431	39.57	nq	99
70) Phenanthrene	11.20	178	1137983	39.44	nq	98
71) Anthracene	11.25	178	1148278	39.50	nq	100
72) Carbazole	11.41	167	971509	38.32	nq	99
73) Di-n-butylphthalate	11.76	149	1407433	43.61	nq #	98
74) Fluoranthene	12.38	202	1068703	36.60	nq	96
76) Benzidine	12.51	184	490465	43.50	nq	98
77) Pyrene	12.61	202	1079615	43.48	nq	100
79) Butylbenzylphthalate	13.24	149	464524	41.24	nq	97
80) Benzo(a)anthracene	13.79	228	807152	40.10	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	315093	44.22	nq #	97
82) Chrysene	13.84	228	824160	42.23	nq	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	599310	42.76	nq	100
84) Di-n-octyl phthalate	14.42	149	1010822	43.71	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	819088	53.32	nq	99
87) Benzo(b)fluoranthene	14.80	252	1003900m	43.37	nq	
88) Benzo(k)fluoranthene	14.83	252	543626m	28.41	nq	
89) Benzo(a)pyrene	15.12	252	736779	37.36	nq #	95
90) Dibenzo(a,h)anthracene	16.47	278	680166	40.97	nq	97
91) Benzo(g,h,i)perylene	16.83	276	662724	39.63	nq	98

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

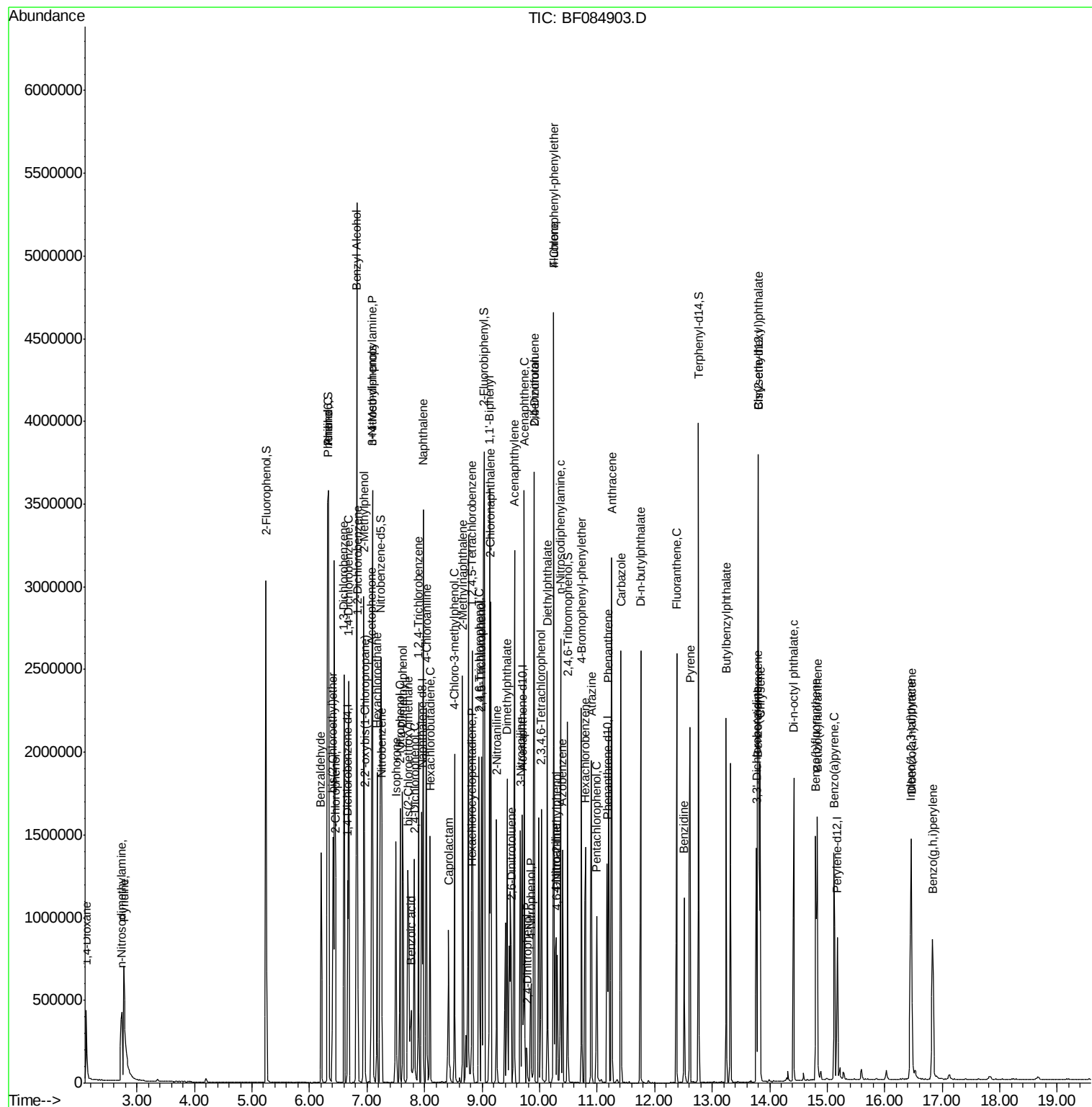
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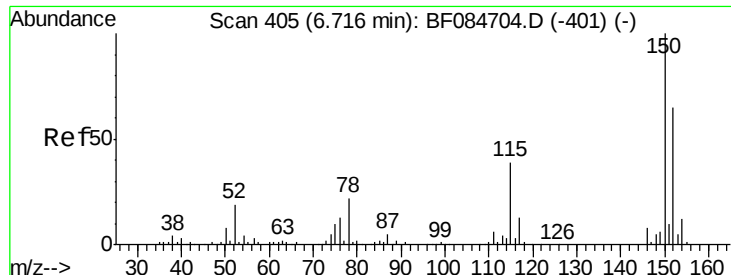
Instrument :
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#1

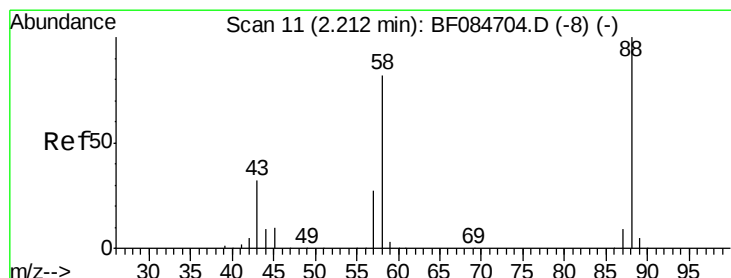
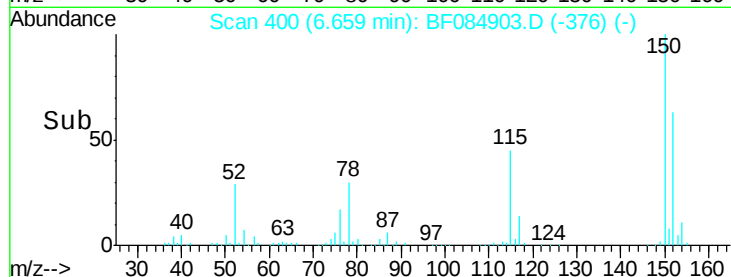
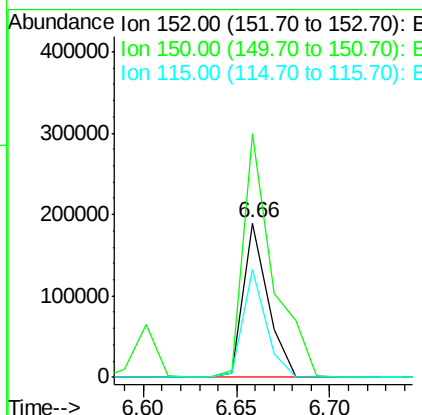
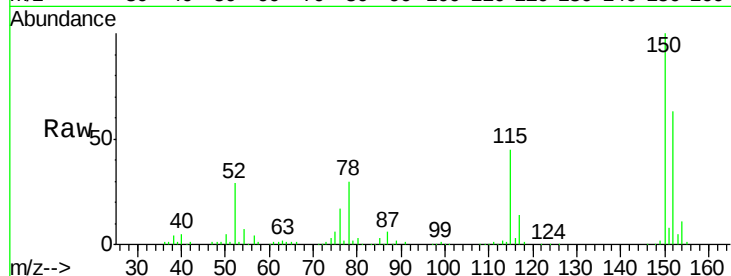
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.0	184.4
115	70.3	51.4	77.2

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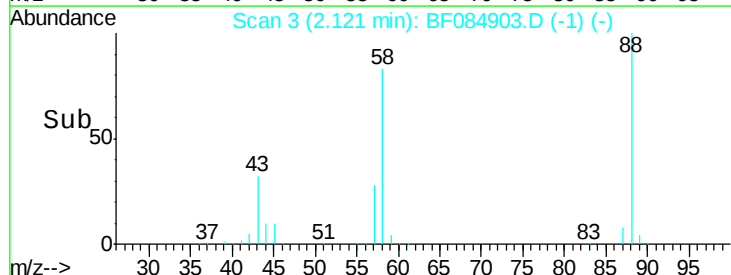
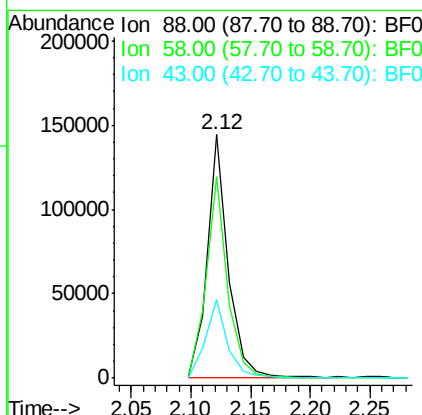
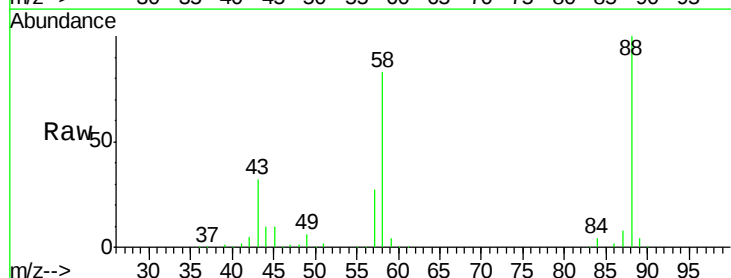
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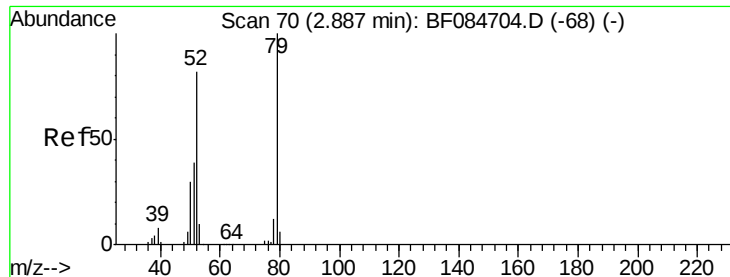


#2

1,4-Dioxane
Concen: 36.45 ng m
RT: 2.12 min Scan# 3
Delta R.T. -0.06 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.2	76.8#
43	0.0	19.5	29.3#





#3

Pvridine

Concen: 43.10 ng

RT: 2.77 min Scan# 60

Delta R.T. -0.07 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

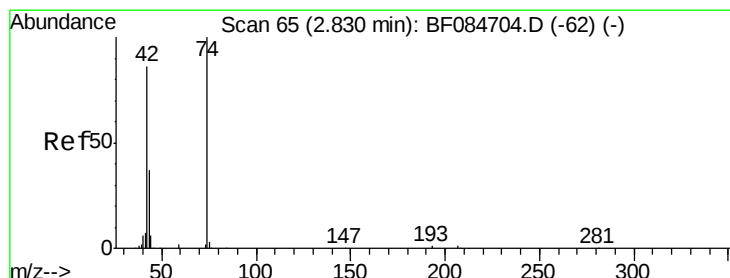
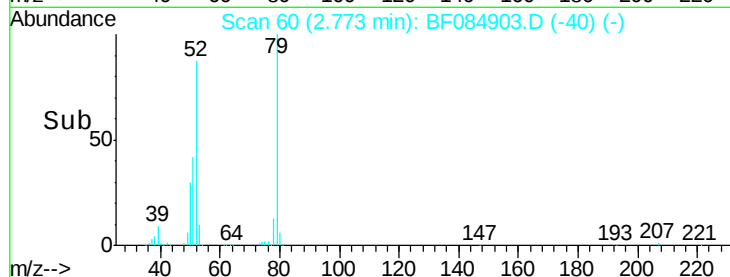
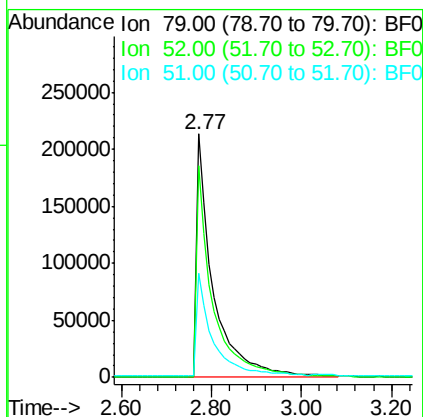
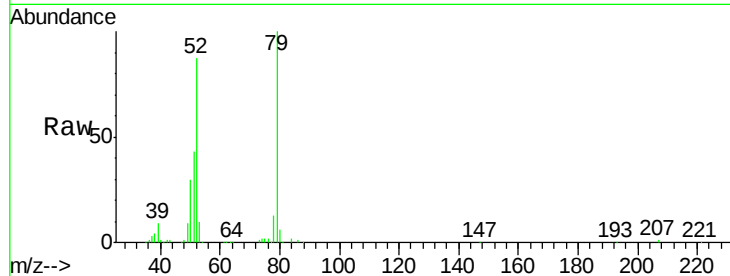
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	550455
Ion Ratio	Lower	Upper	
79	100		
52	86.9	49.0	73.4#
51	42.7	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 39.35 ng

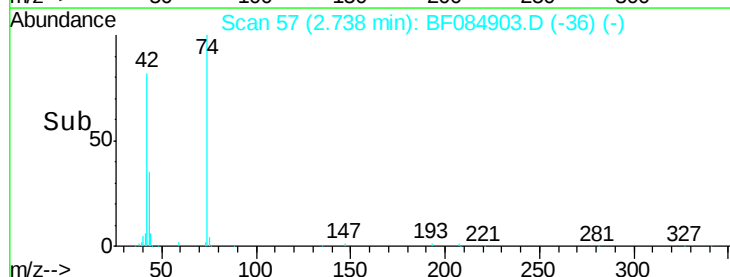
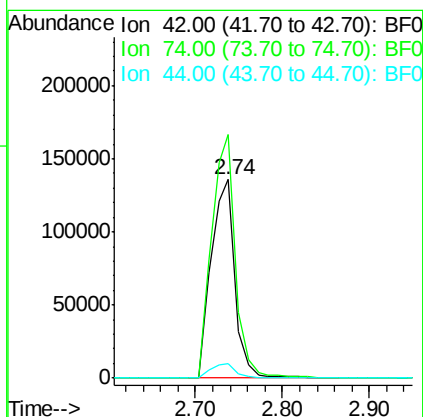
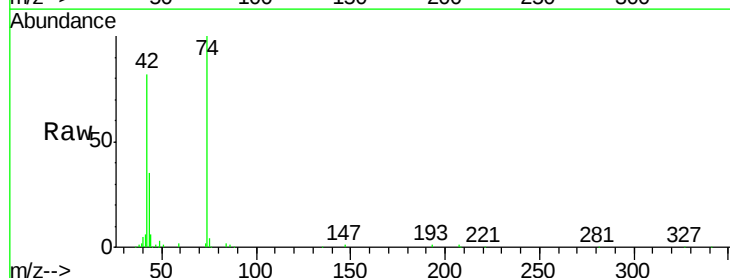
RT: 2.74 min Scan# 57

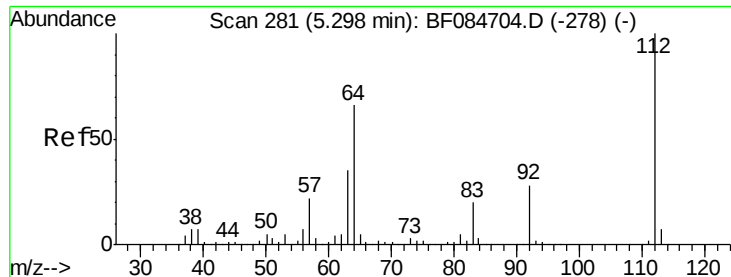
Delta R.T. -0.06 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:	42	Resp:	259888
Ion Ratio	Lower	Upper	
42	100		
74	122.5	115.7	173.5
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 72.13 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

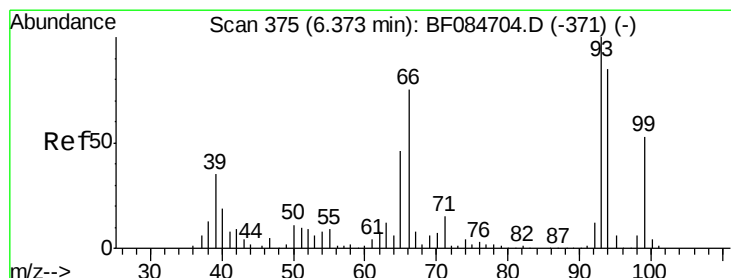
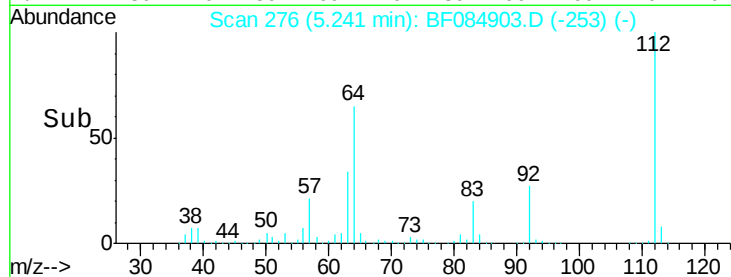
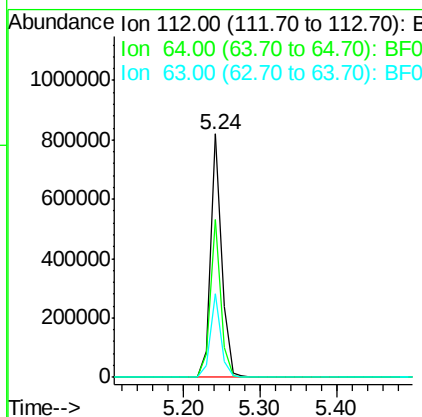
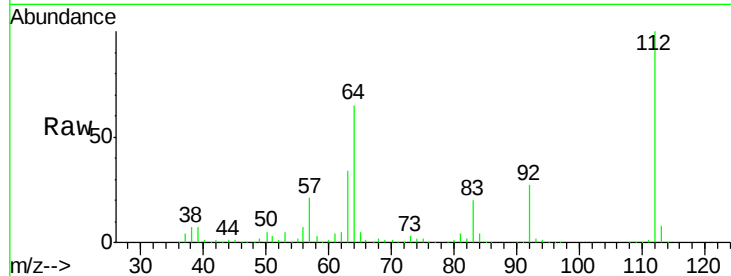
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	807118
Ion Ratio	Lower	Upper	
112	100		
64	65.0	36.6	55.0#
63	34.3	19.4	29.0#

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#6

Aniline

Concen: 40.64 ng

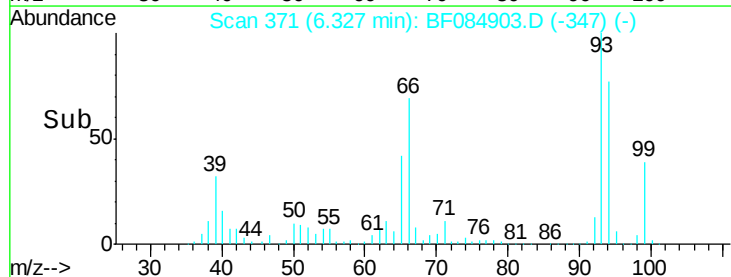
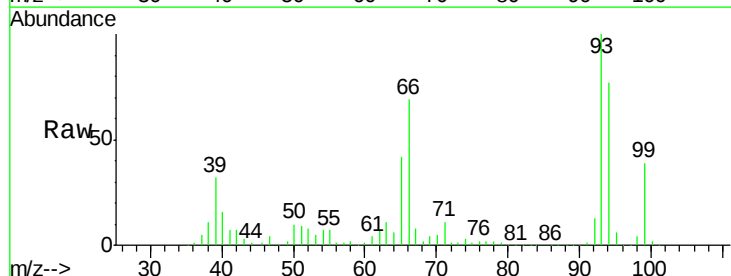
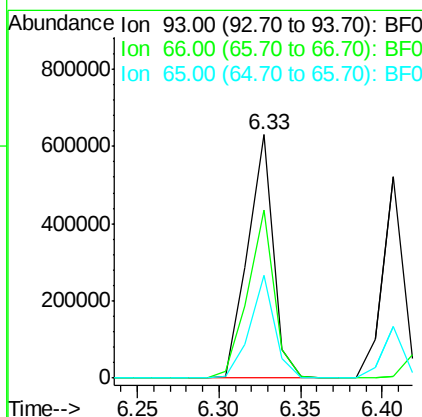
RT: 6.33 min Scan# 371

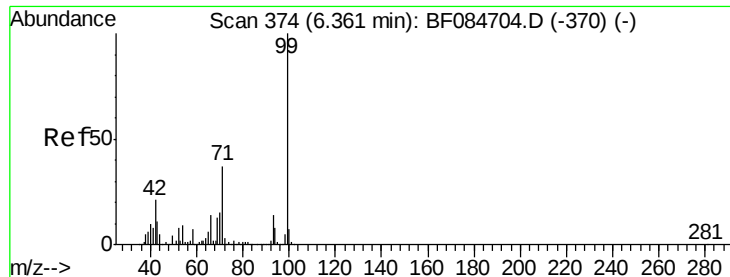
Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:	93	Resp:	689866
Ion Ratio	Lower	Upper	
93	100		
66	68.8	44.9	67.3#
65	42.3	23.7	35.5#





#7

Phenol-d6

Concen: 72.74 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1009017

Ion Ratio Lower Upper

99 100

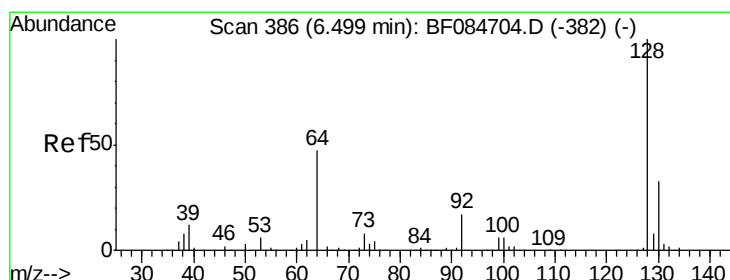
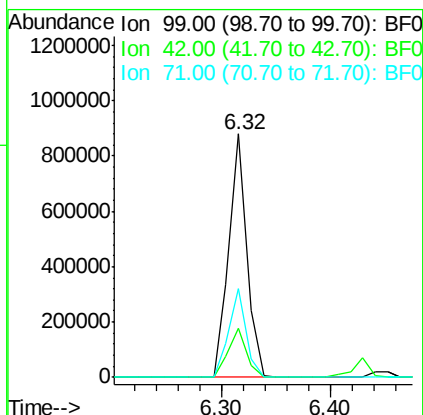
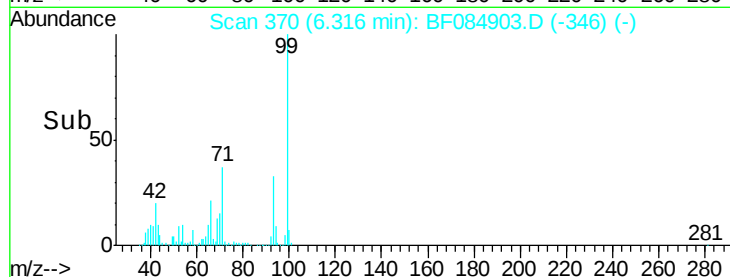
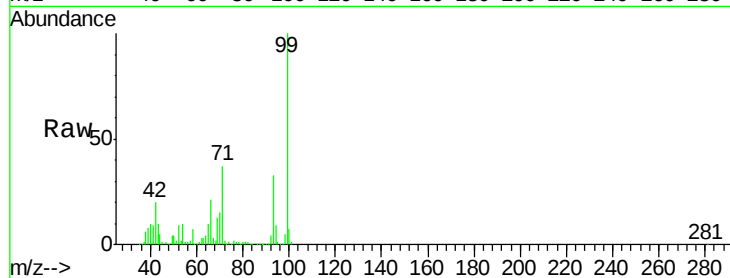
42 20.1 12.8 19.2#

71 36.7 30.9 46.3

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#8

2-Chlorophenol

Concen: 38.48 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

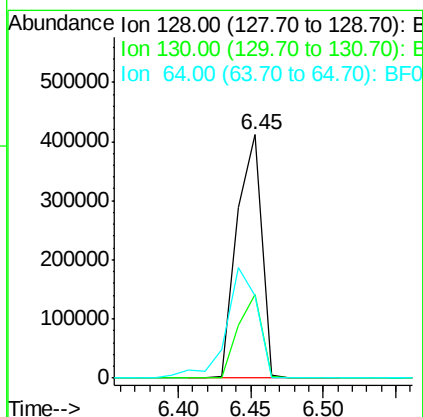
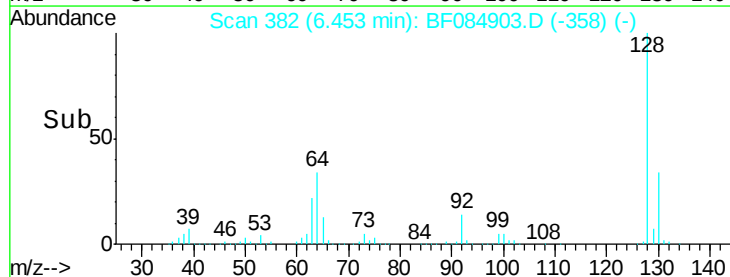
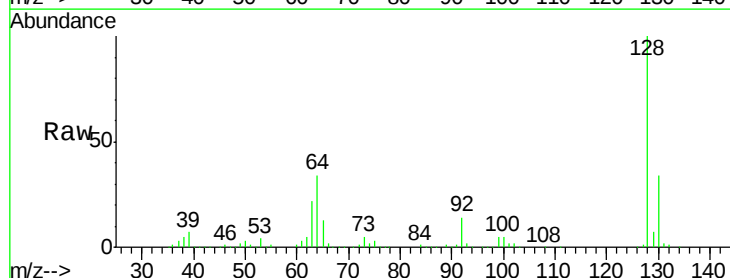
Tgt Ion: 128 Resp: 487375

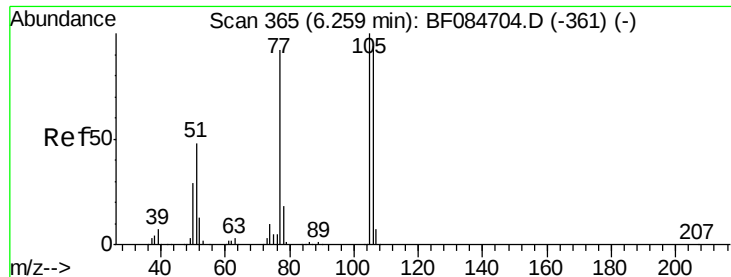
Ion Ratio Lower Upper

128 100

130 34.2 11.6 51.6

64 33.9 23.8 63.8





#9

Benzaldehyde

Concen: 36.62 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

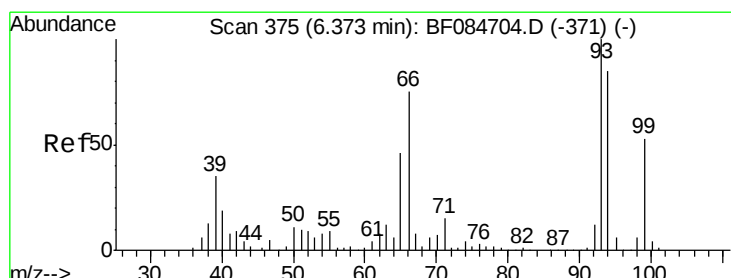
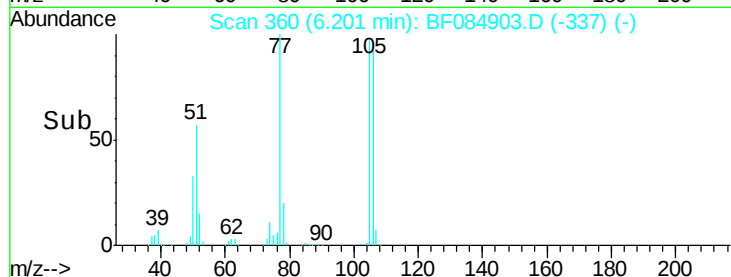
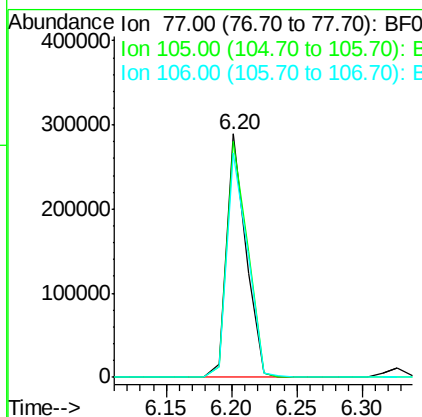
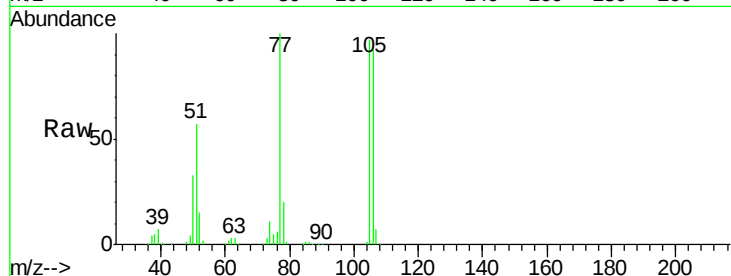
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	299938
Ion Ratio	Lower	Upper	
77	100		
105	97.1	83.0	123.0
106	92.2	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 33.63 ng

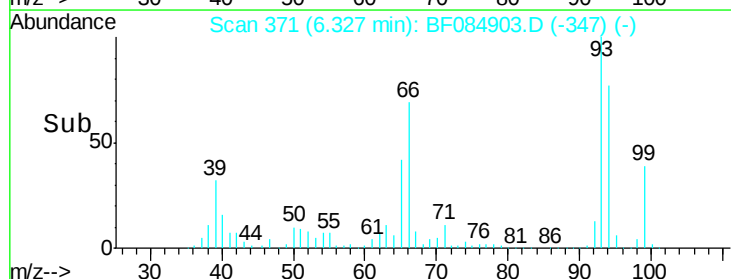
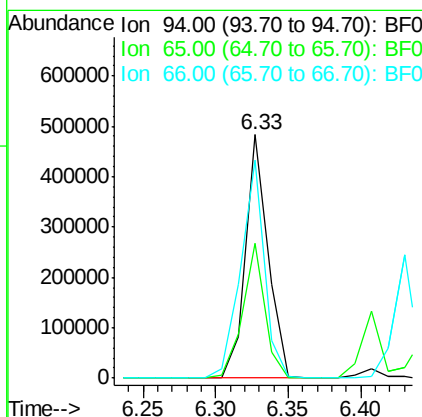
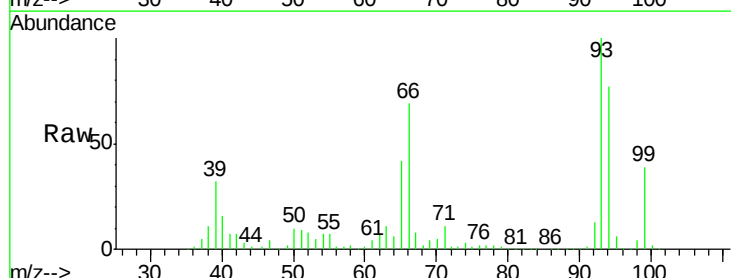
RT: 6.33 min Scan# 371

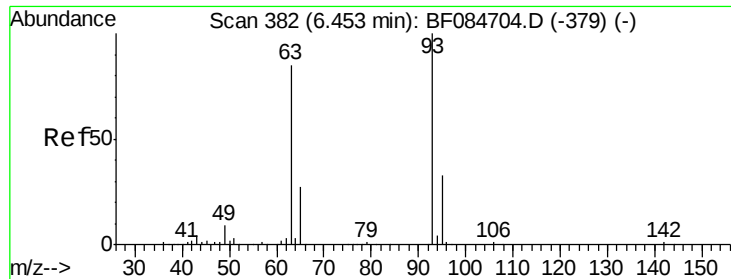
Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:	94	Resp:	522637
Ion Ratio	Lower	Upper	
94	100		
65	55.2	12.9	52.9#
66	89.7	32.7	72.7#





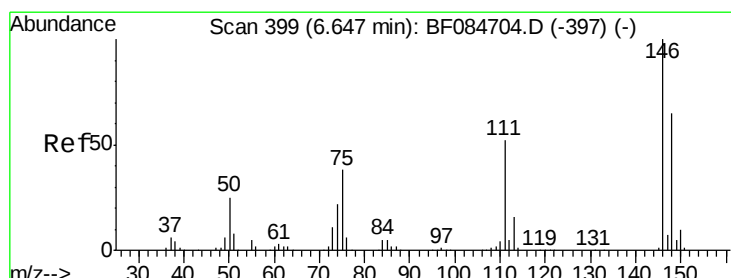
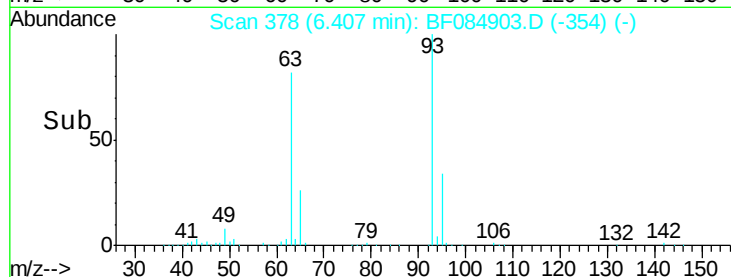
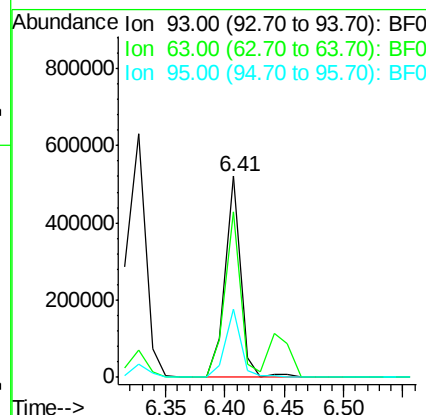
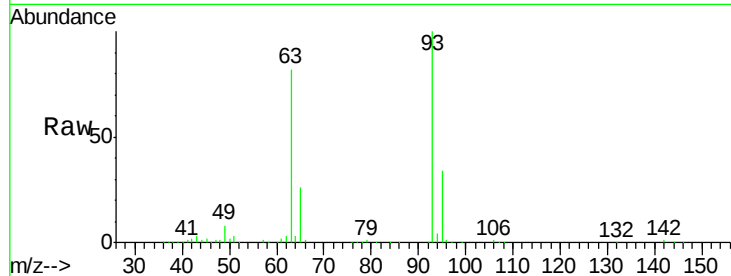
#11
bis(2-Chloroethyl)ether
Concen: 39.27 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	475847
Ion	Ratio	Lower	Upper
93	100		
63	82.5	45.9	85.9
95	33.7	12.3	52.3

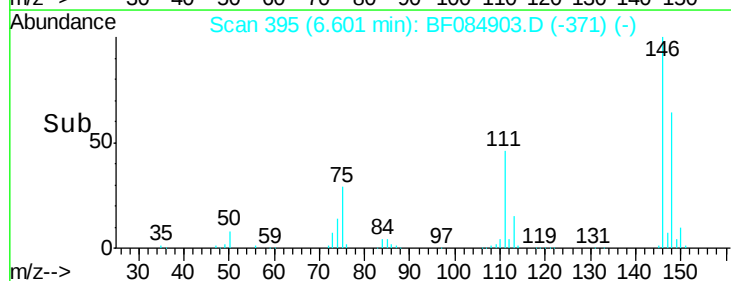
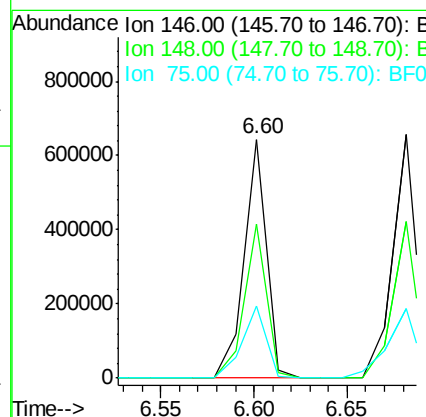
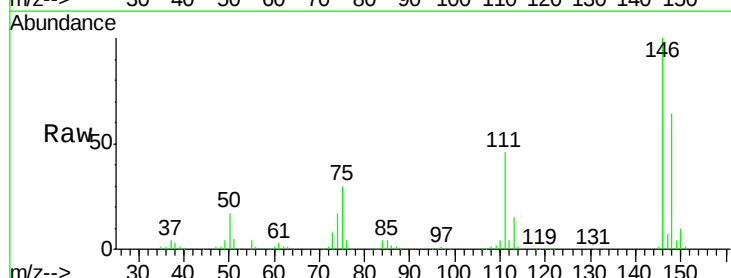
Manual Integrations
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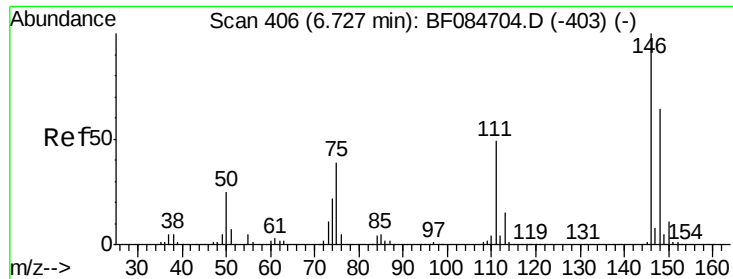
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#12
1,3-Dichlorobenzene
Concen: 40.34 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion:	146	Resp:	539860
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
75	30.0	20.5	30.7





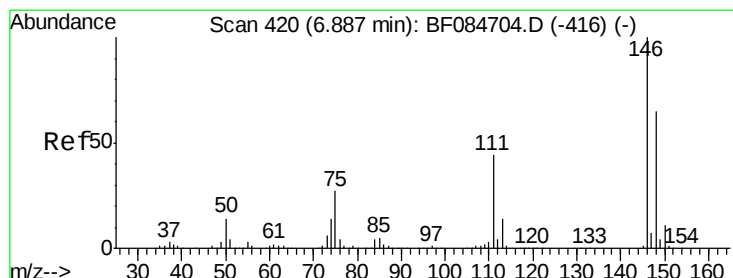
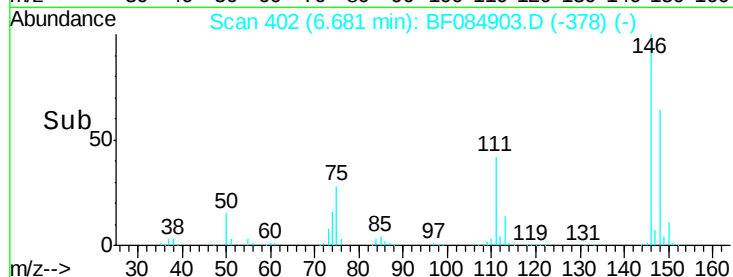
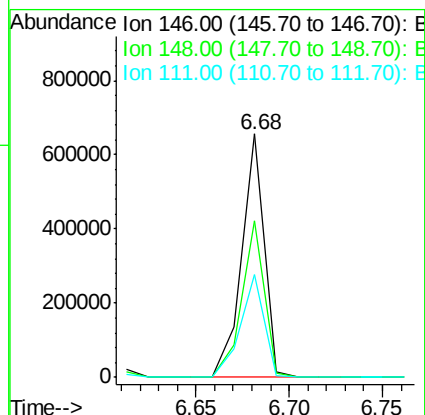
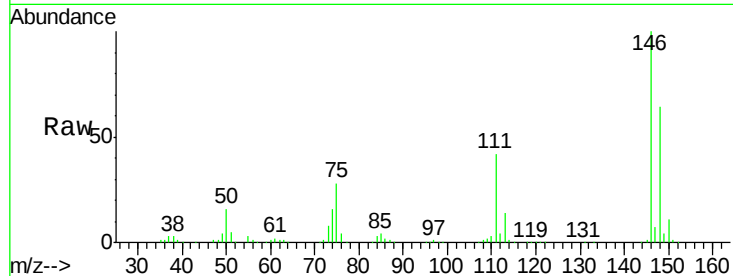
#13
 1,4-Dichlorobenzene
 Concen: 41.35 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	42.0	41.6	62.4

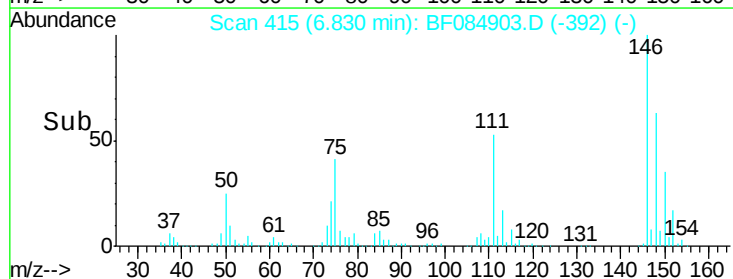
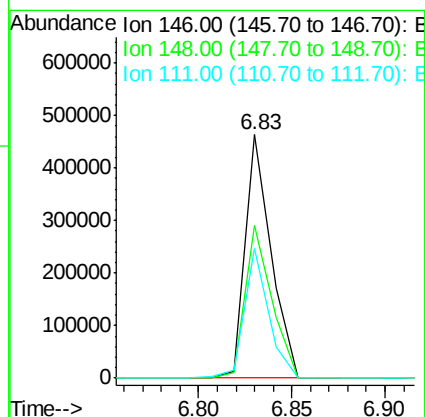
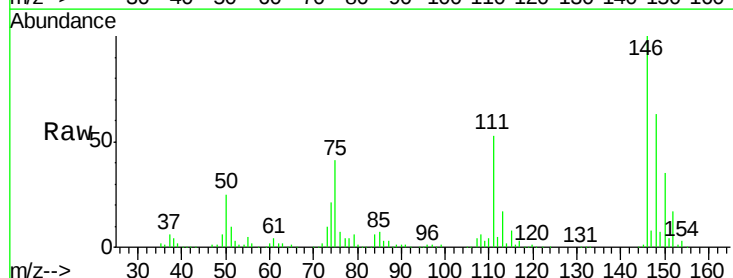
Manual Integrations
 APPROVED

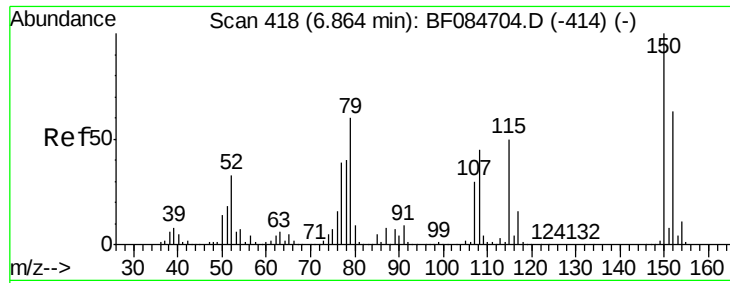
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#14
 1,2-Dichlorobenzene
 Concen: 35.75 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.6	77.4
111	53.0	38.0	57.0





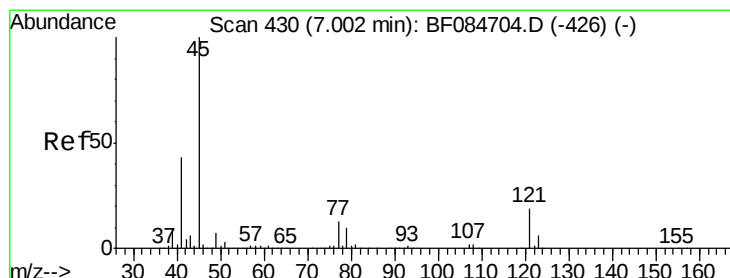
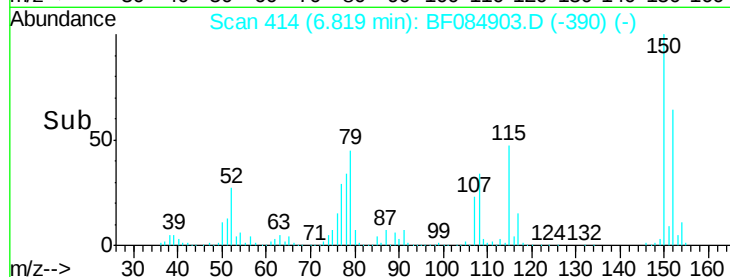
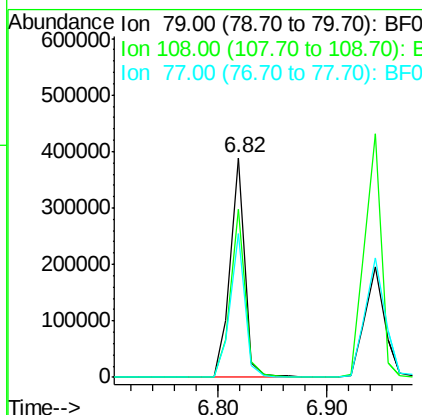
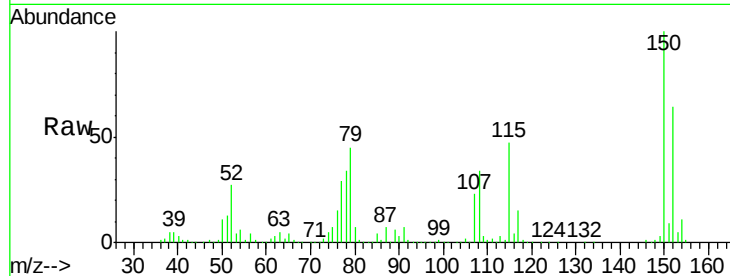
#15
Benzyl Alcohol
Concen: 38.11 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.4	69.0	103.4	
77	65.3	50.0	75.0	

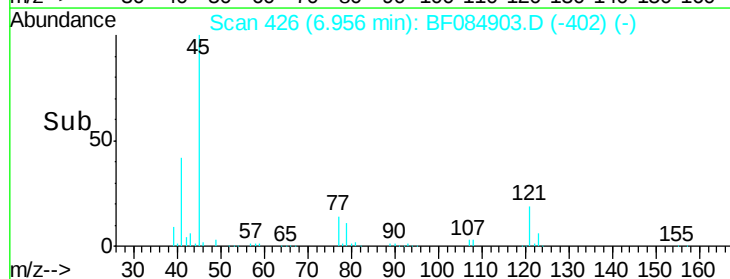
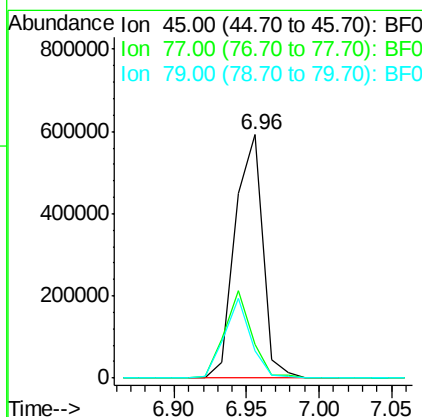
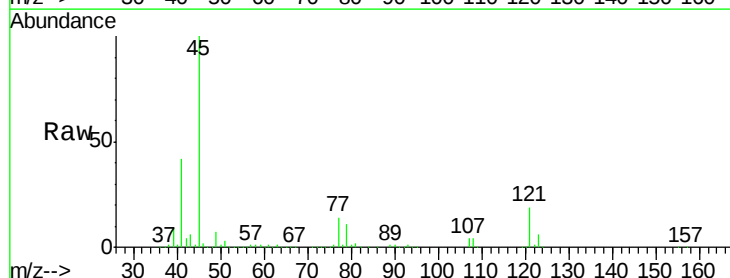
Manual Integrations
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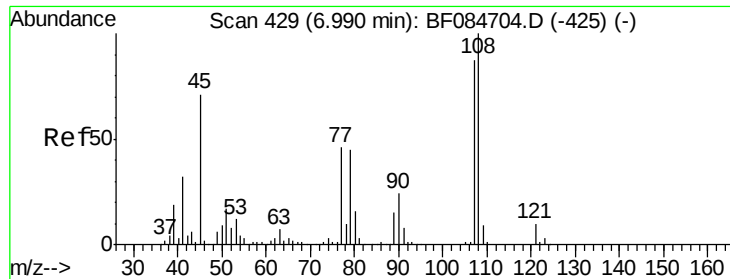
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.22 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.0	0.0	39.6	
79	11.1	0.0	35.0	





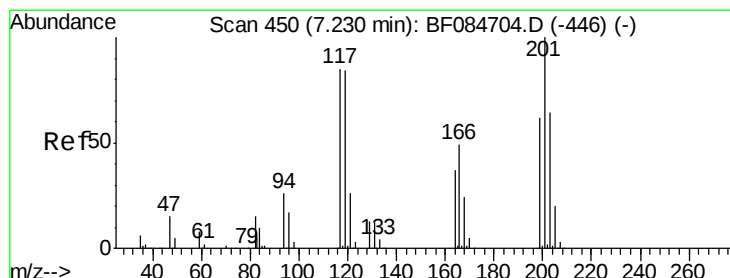
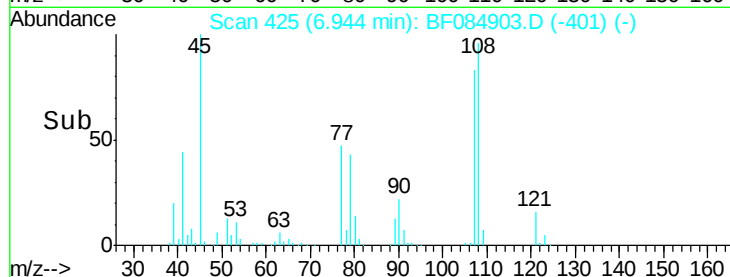
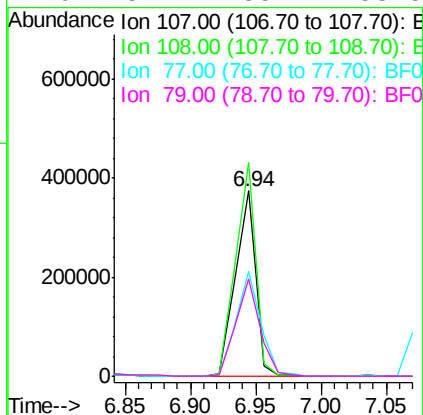
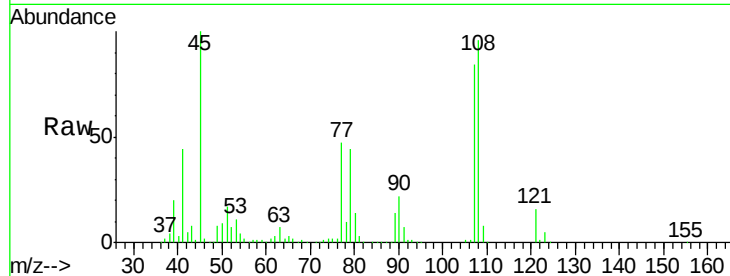
#17
2-Methylphenol
Concen: 39.92 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	89.8	134.6	
77	56.7	35.7	53.5	
79	52.2	35.7	53.5	

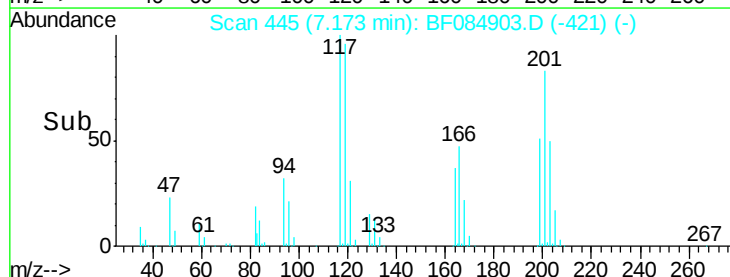
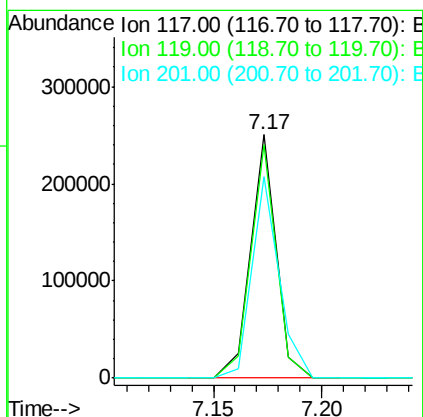
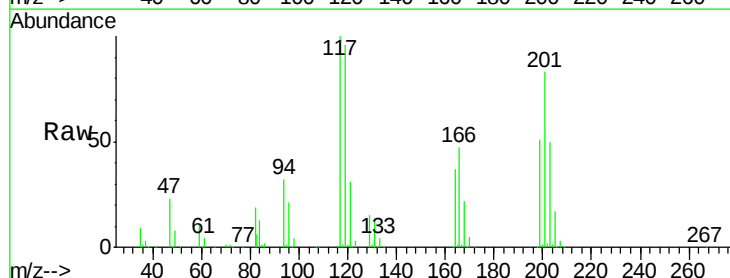
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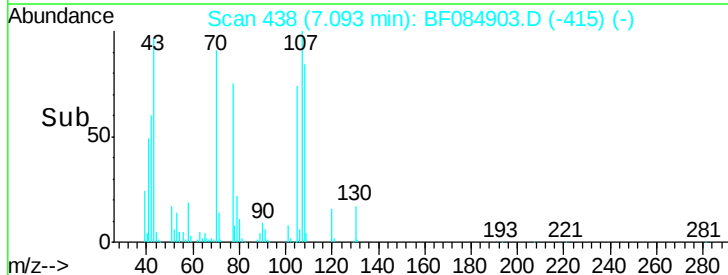
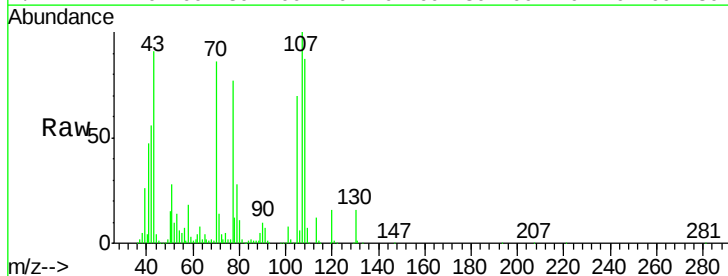
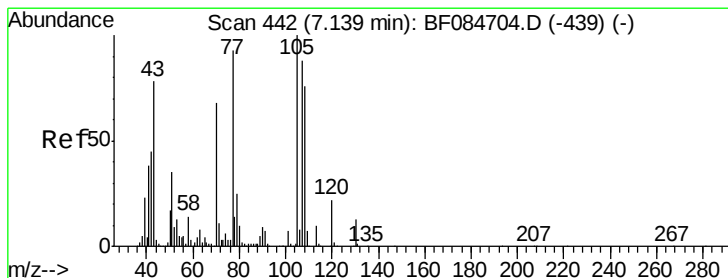
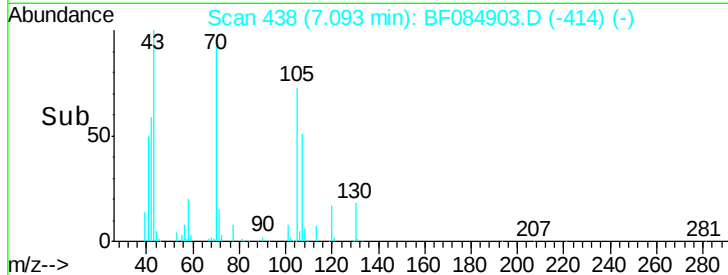
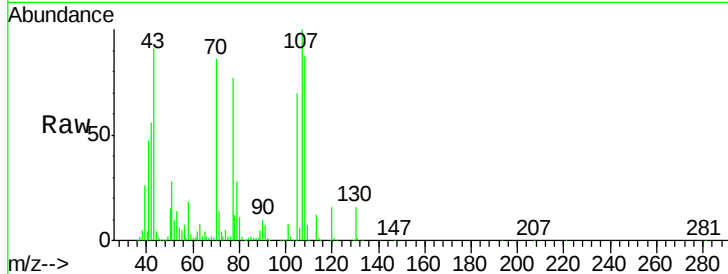
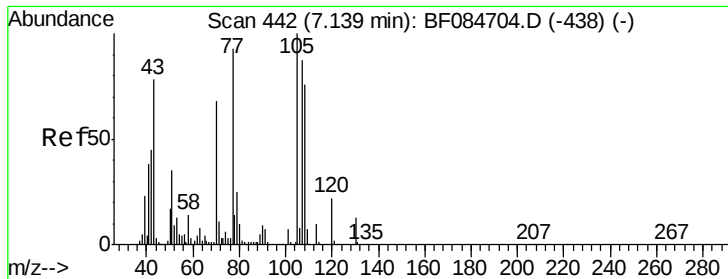
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#18
Hexachloroethane
Concen: 39.61 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	77.4	116.0	
201	82.6	68.6	103.0	





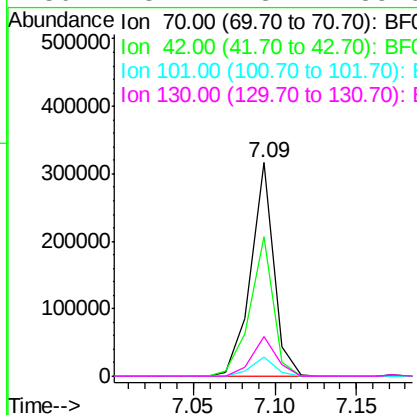
#19
n-Nitroso-di-n-propylamine
Concen: 35.80 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	65.3	33.3	49.9#	
101	8.9	9.3	13.9#	
130	18.4	23.4	35.0#	

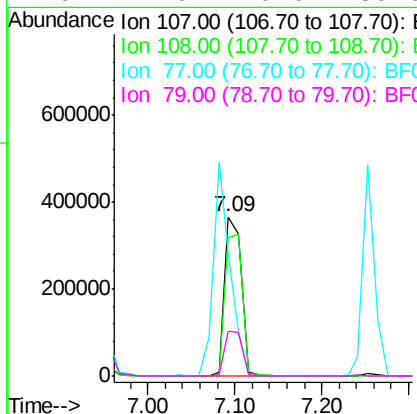
Manual Integrations
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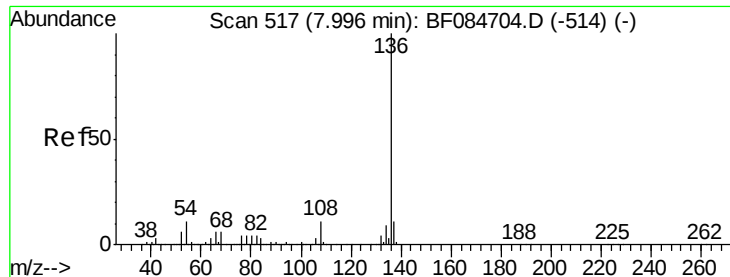
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#20
3+4-Methylphenols
Concen: 39.55 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.0	74.6	114.6	
77	77.0	0.7	40.7#	
79	27.9	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: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

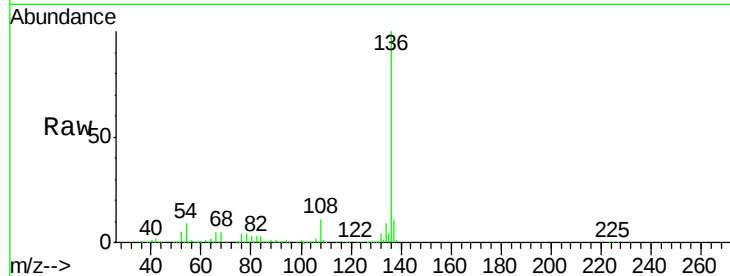
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		699387		
137	11.2		8.7	13.1	
54	9.1		5.8	8.8	
68	5.3		4.2	6.2	

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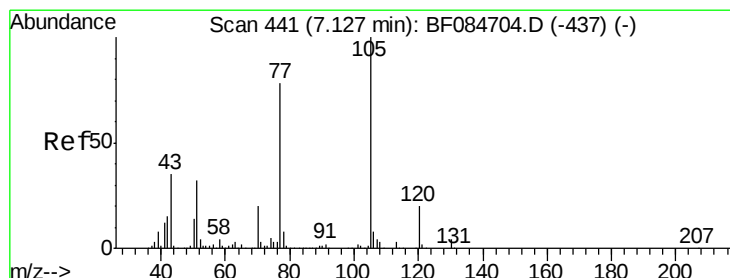
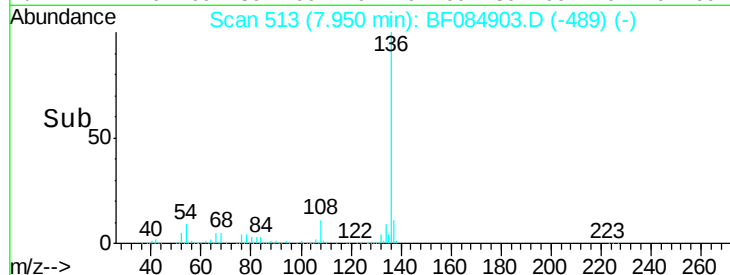
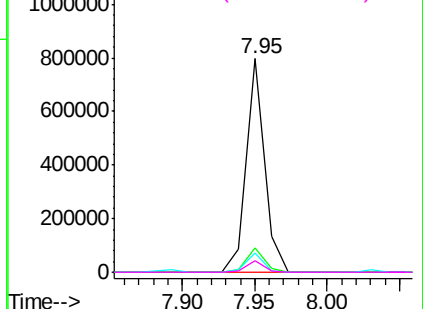
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.65 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		675510		
71	2.3		3.7	5.5	
51	31.1		25.1	37.7	
120	20.5		16.6	25.0	

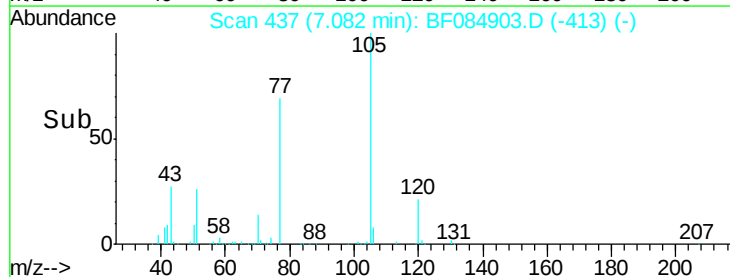
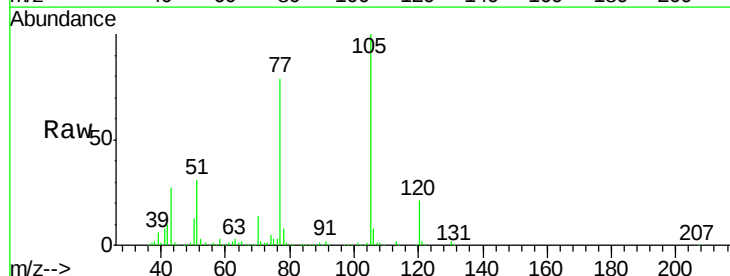
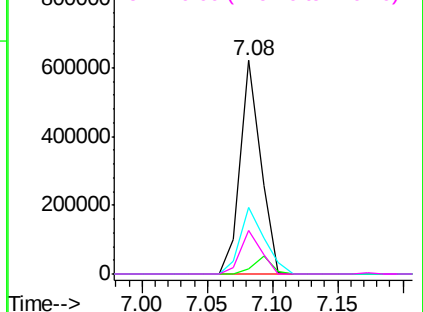
Abundance

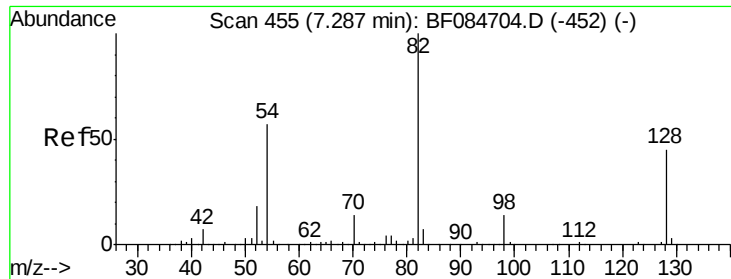
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.18 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1020287

Ion Ratio Lower Upper

82 100

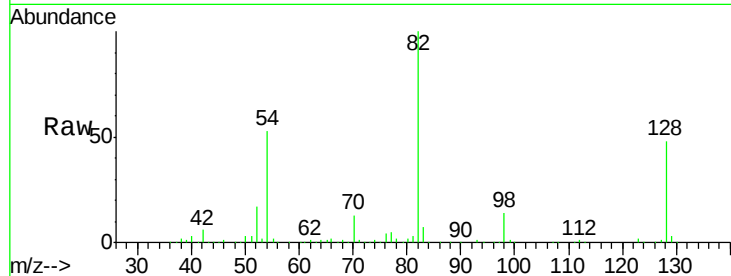
128 48.0 34.6 51.8

54 53.0 38.4 57.6

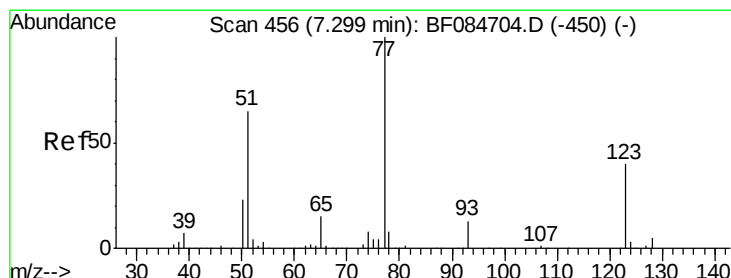
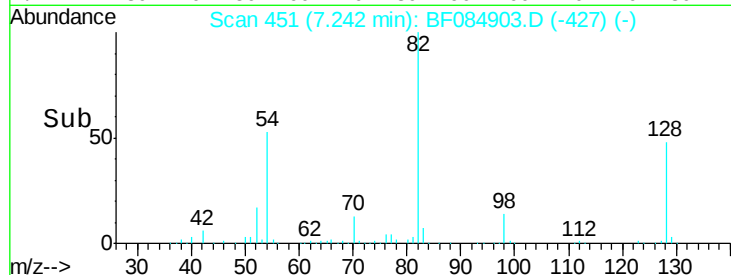
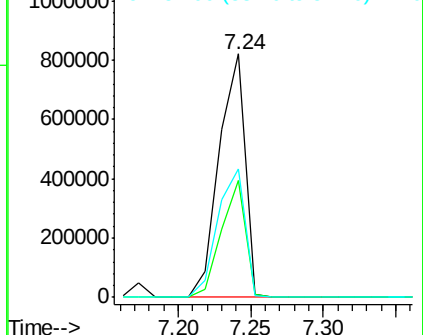
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.12 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

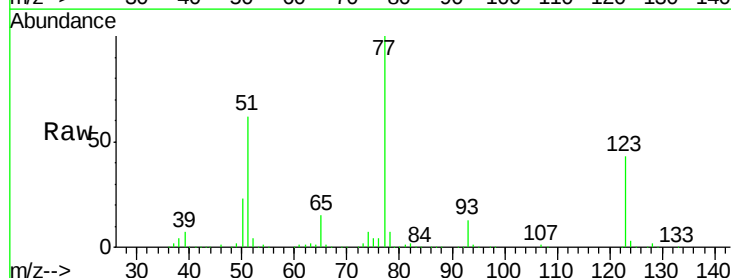
Tgt Ion: 77 Resp: 453654

Ion Ratio Lower Upper

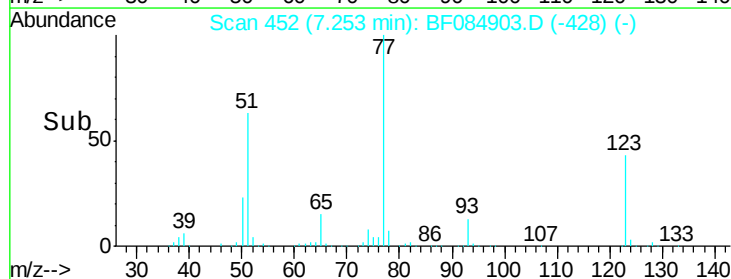
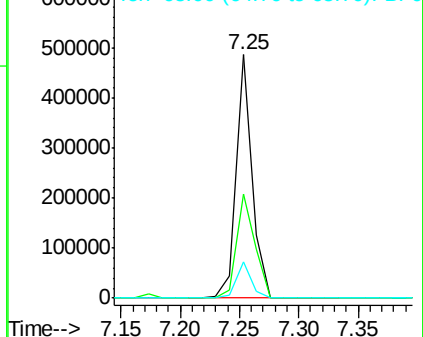
77 100

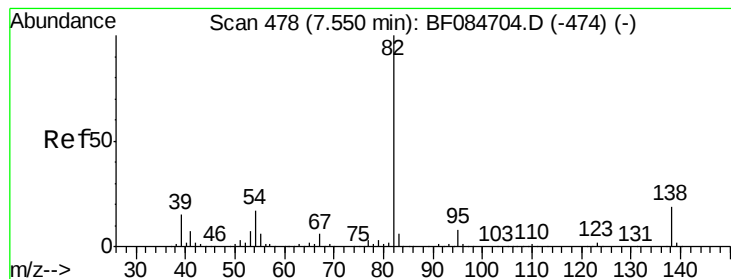
123 42.9 37.4 56.2

65 14.9 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: 38.52 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

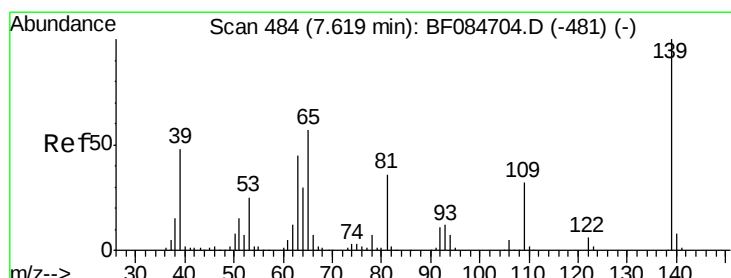
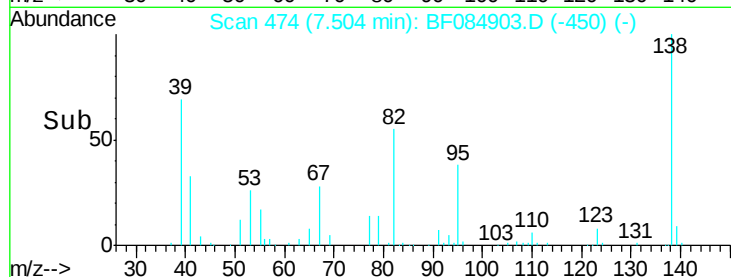
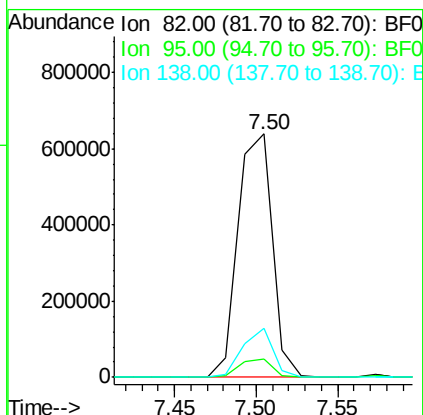
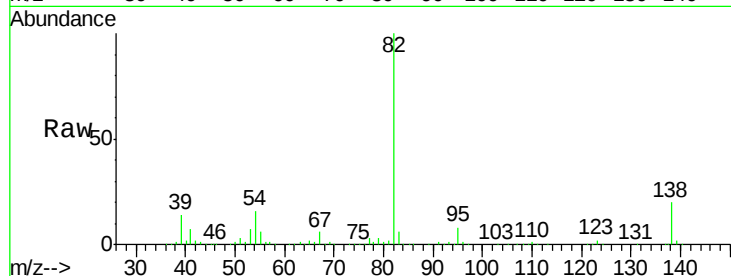
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	930044
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.6	10.0
138	20.3	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.19 ng

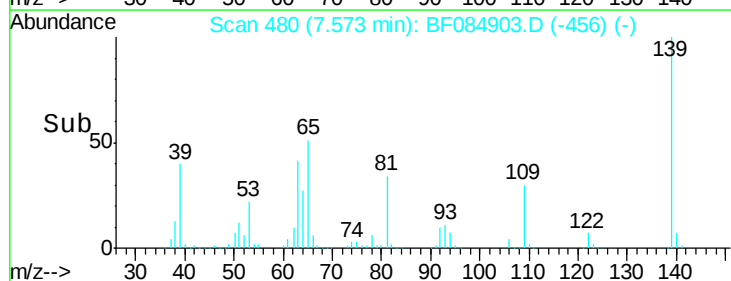
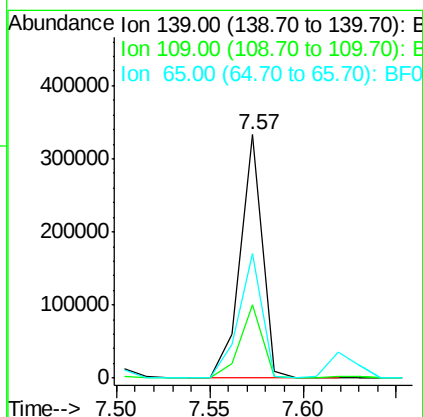
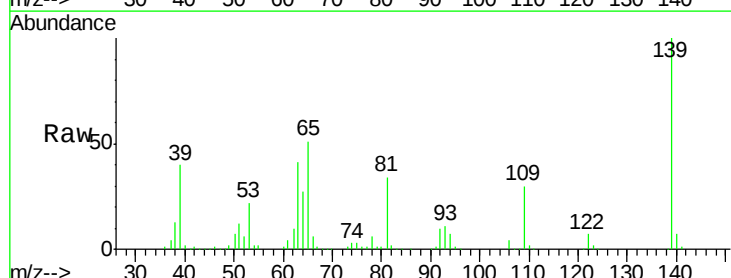
RT: 7.57 min Scan# 480

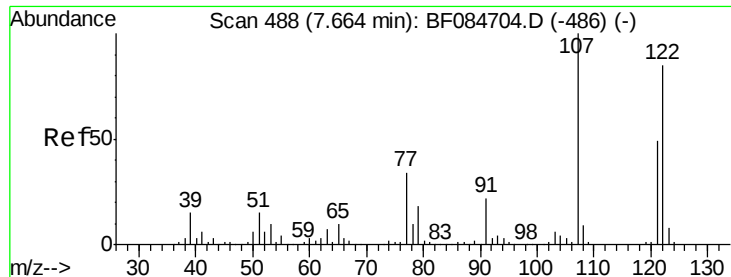
Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:	139	Resp:	276675
Ion Ratio		Lower	Upper
139	100		
109	30.4	25.4	38.2
65	51.2	32.3	48.5#





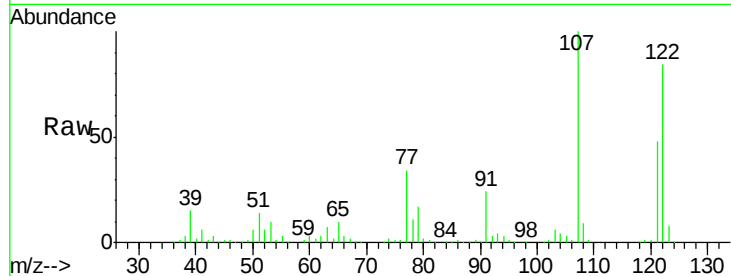
#27
 2,4-Dimethylphenol
 Concen: 36.01 ng
 RT: 7.62 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

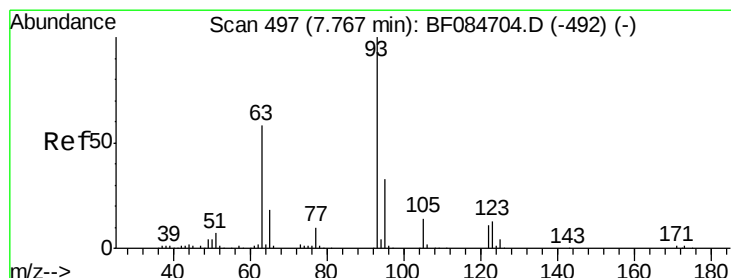
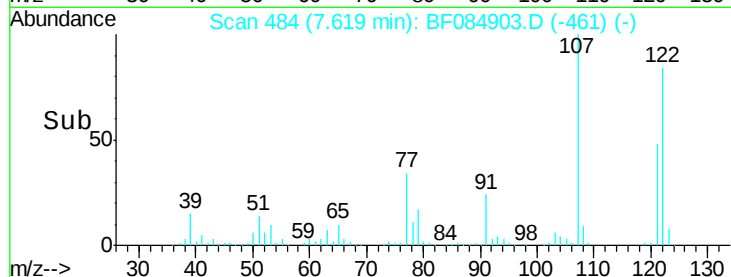
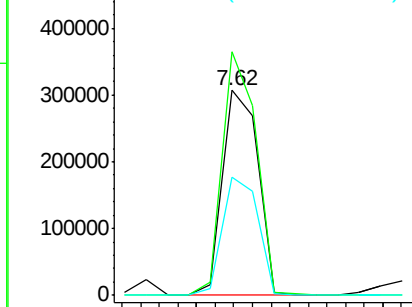
Tot Ion	Ratio	Resp	Lower	Upper
122	100	410754		
107	118.9	99.1	148.7	
121	57.5	47.9	71.9	

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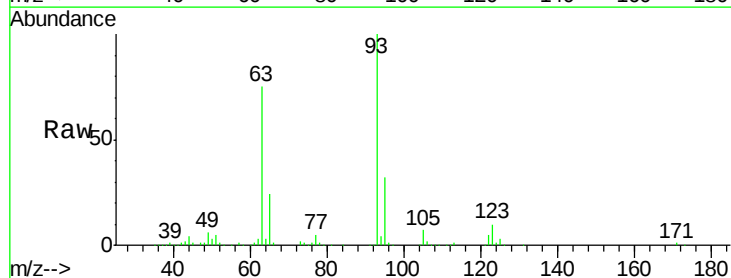


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

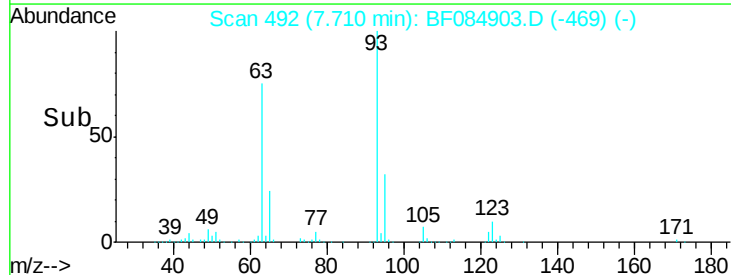
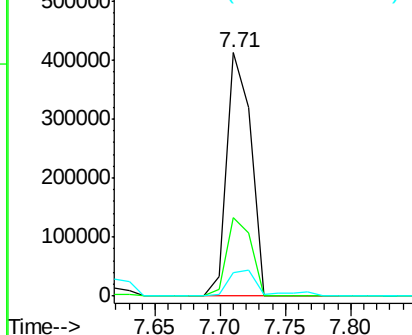


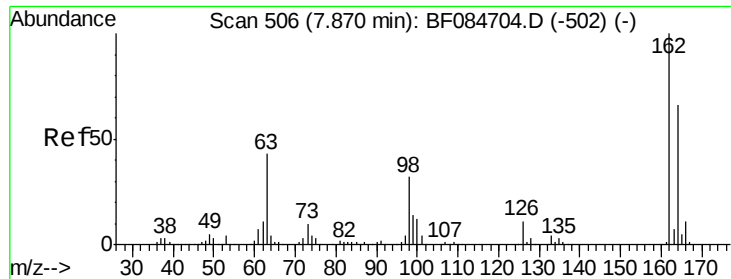
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.73 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	526020		
95	32.0	25.8	38.6	
123	9.7	8.6	12.8	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





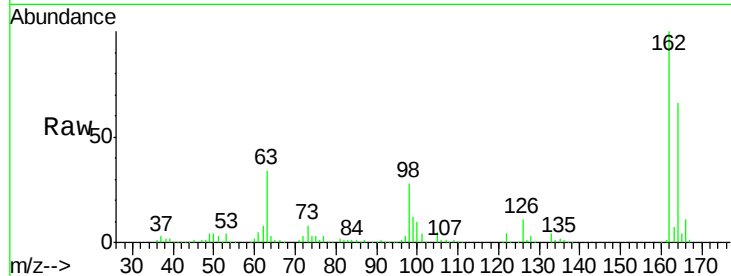
#29
 2,4-Dichlorophenol
 Concen: 38.12 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.0	44.1	84.1
98	28.4	20.2	60.2

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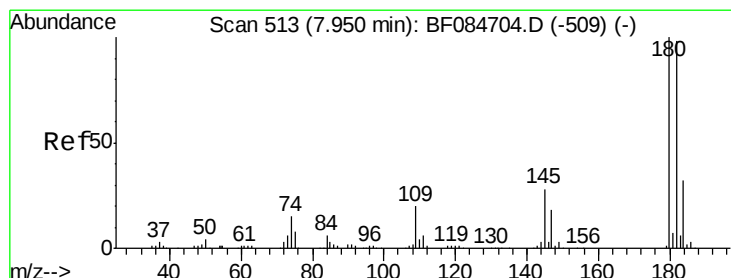
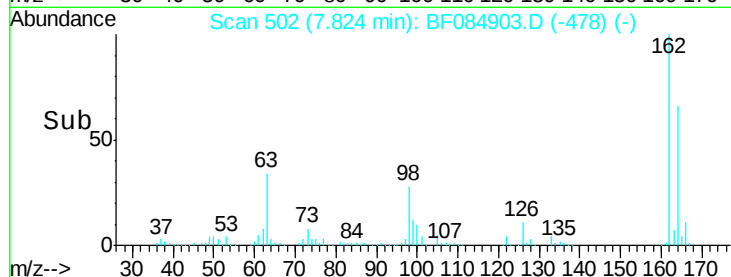
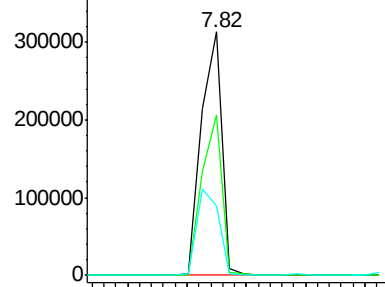


Abundance

Ion 162.00 (161.70 to 162.70): E

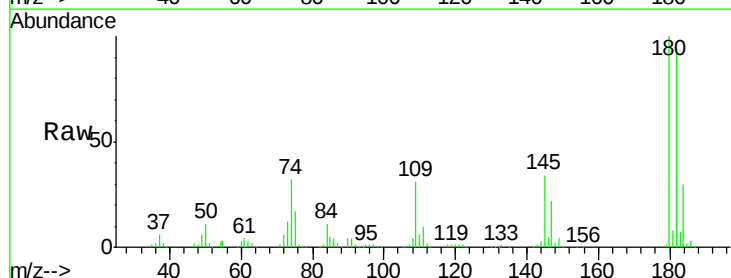
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 36.53 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	76.4	114.6
145	34.1	31.6	47.4

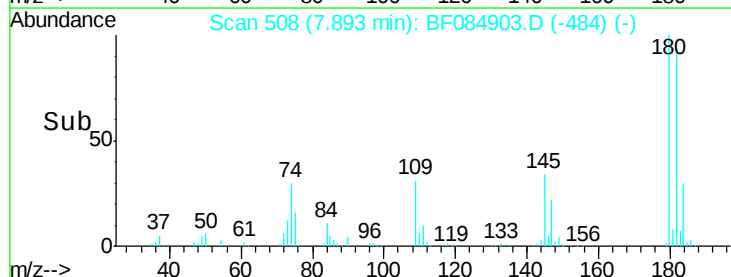
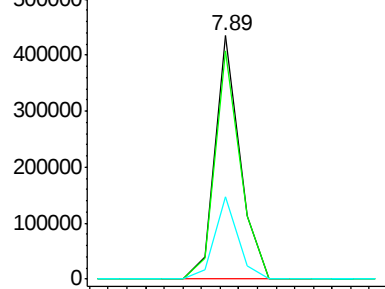


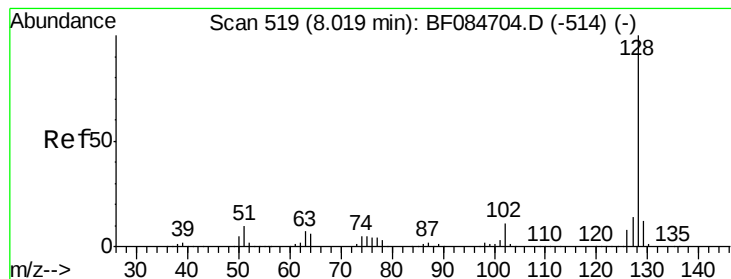
Abundance

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: 38.12 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1337257

Ion Ratio Lower Upper

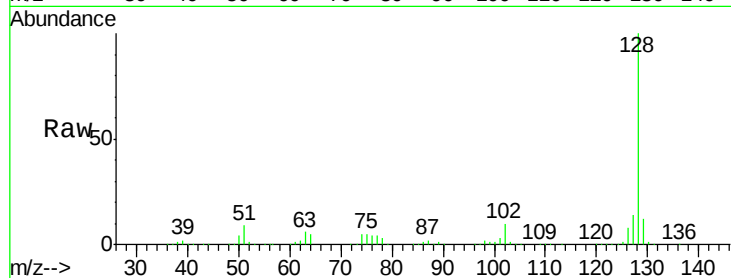
128 100

129 11.7 9.1 13.7

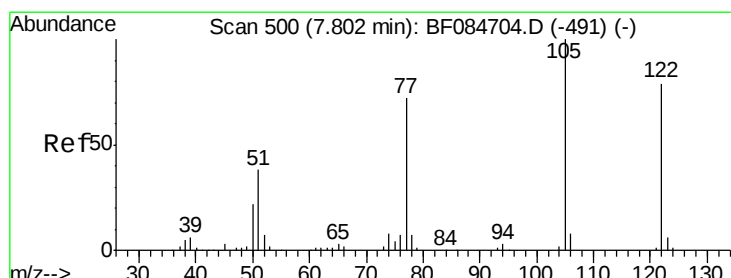
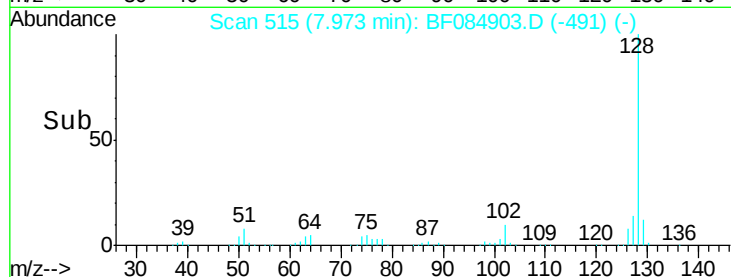
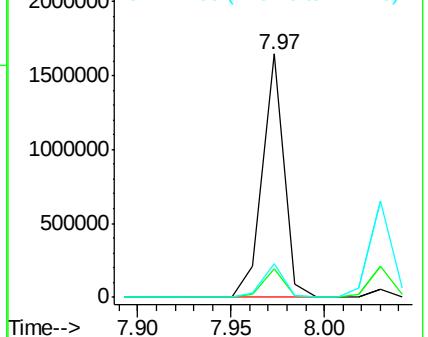
127 13.8 11.1 16.7

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



#32

Benzoic acid

Concen: 33.57 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

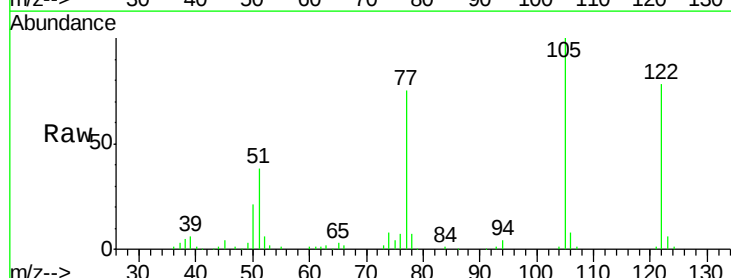
Tgt Ion:122 Resp: 244930

Ion Ratio Lower Upper

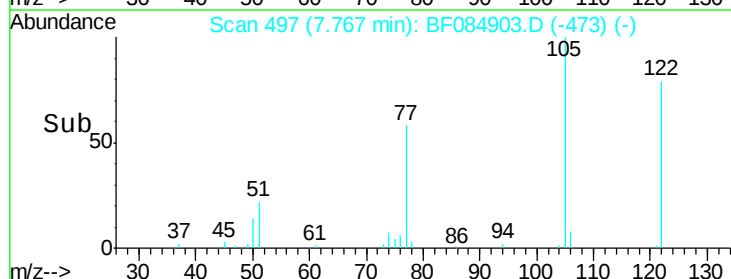
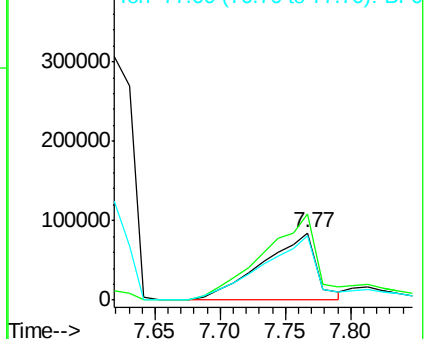
122 100

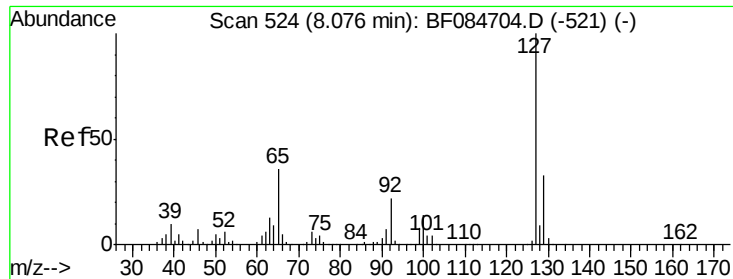
105 127.6 100.3 140.3

77 96.0 63.5 103.5



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





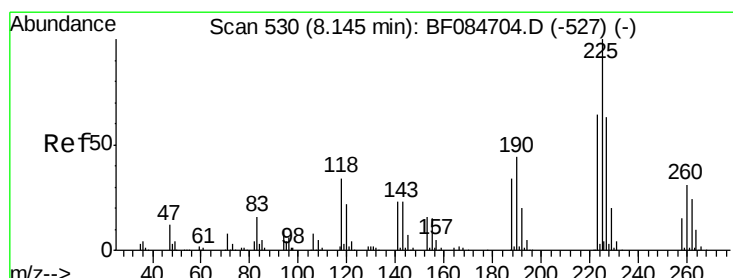
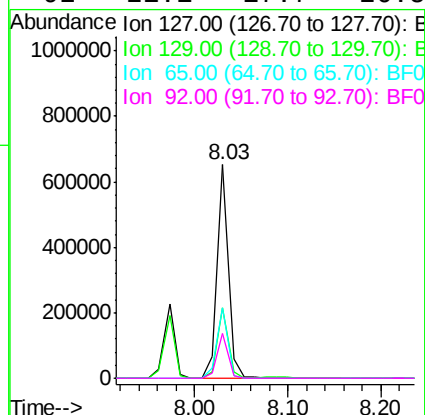
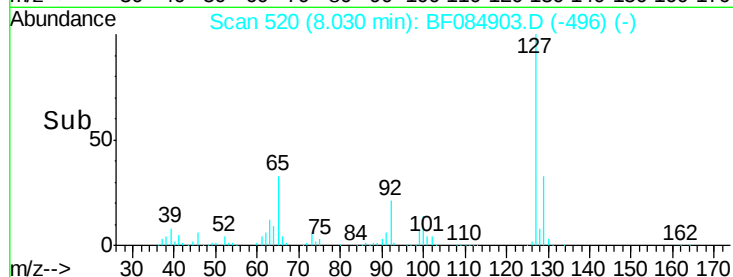
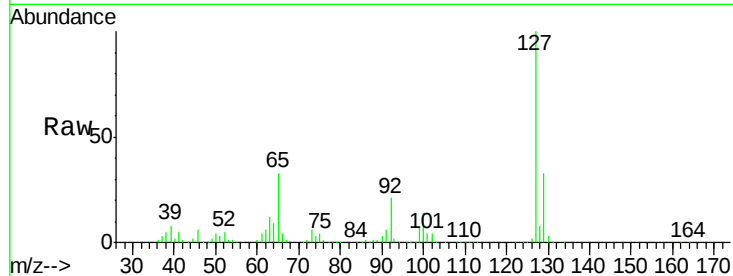
#33
4-Chloroaniline
Concen: 37.35 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.5	39.7		
65	33.0	27.2	40.8		
92	21.1	17.7	26.5		

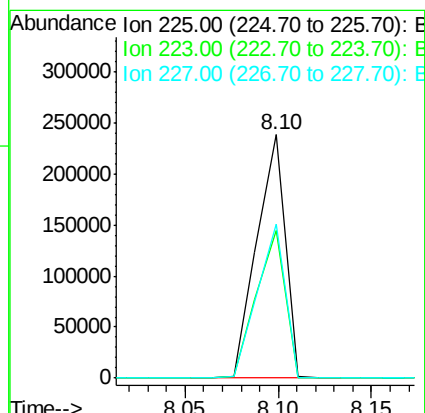
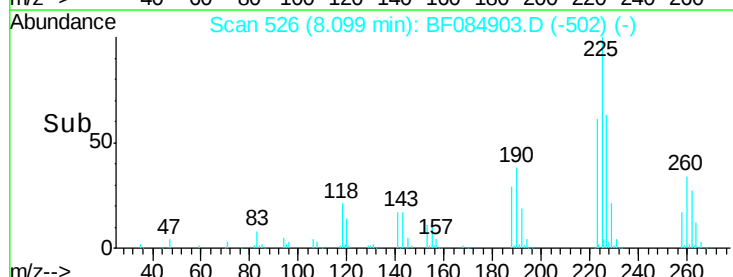
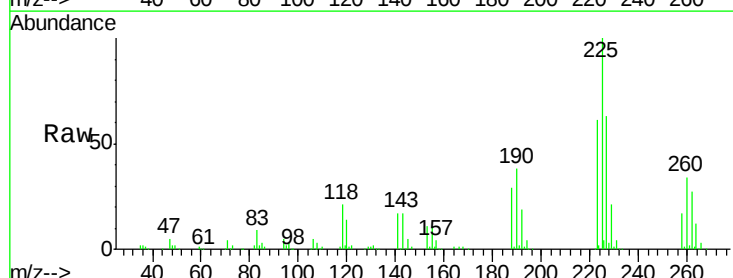
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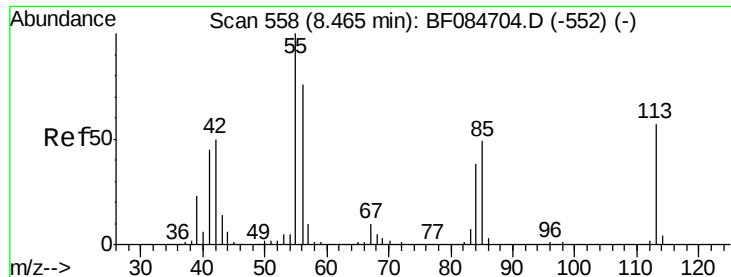
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#34
Hexachlorobutadiene
Concen: 39.46 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	49.4	74.0		
227	63.2	50.8	76.2		





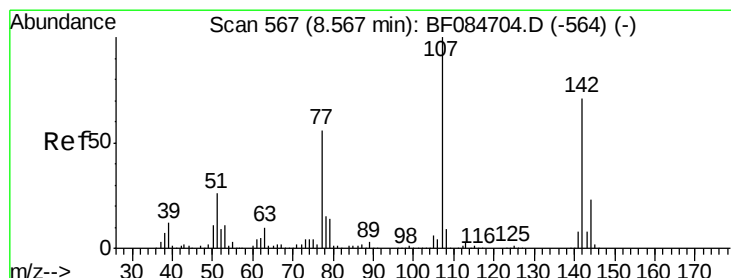
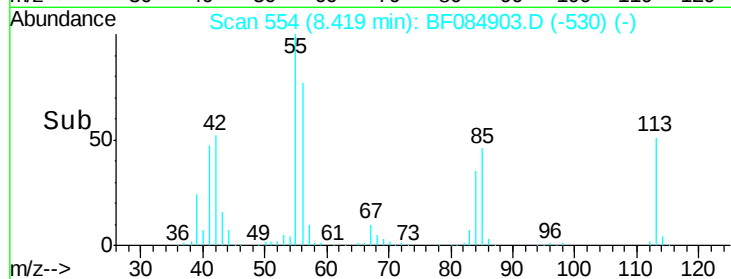
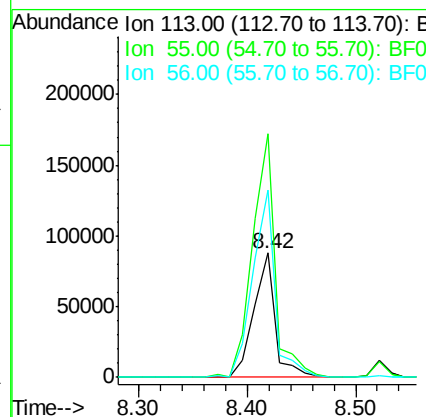
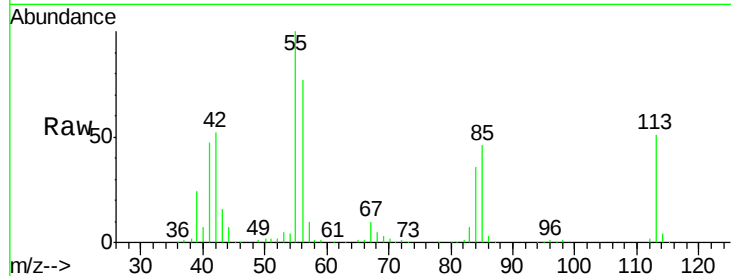
#35
Caprolactam
Concen: 39.87 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.3	116.9	156.9#
56	150.5	93.8	133.8#

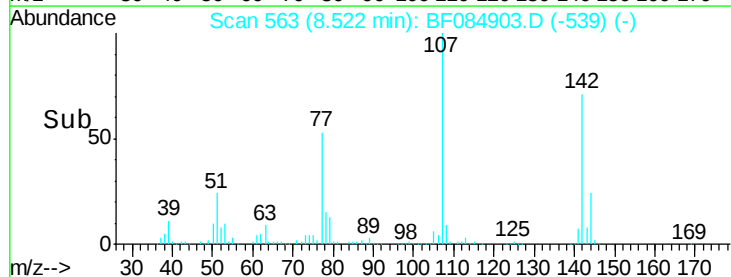
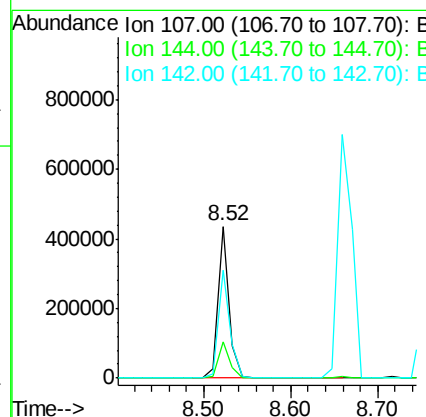
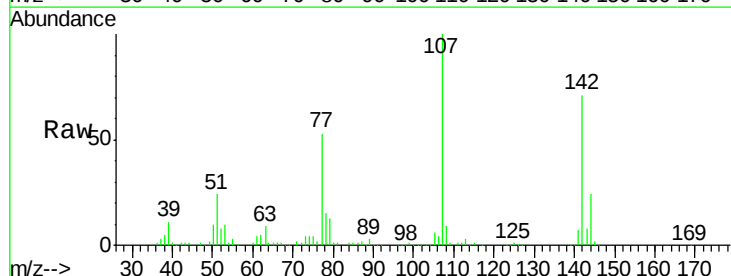
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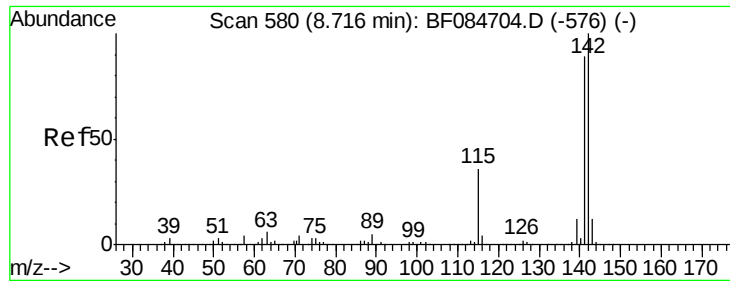
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#36
4-Chloro-3-methylphenol
Concen: 35.05 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.7	29.5
142	70.8	61.8	92.6





#37

2-Methylnaphthalene

Concen: 36.14 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

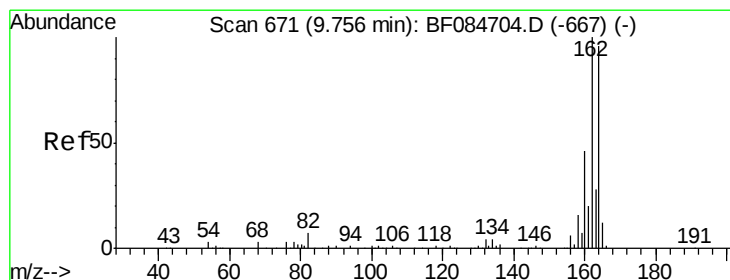
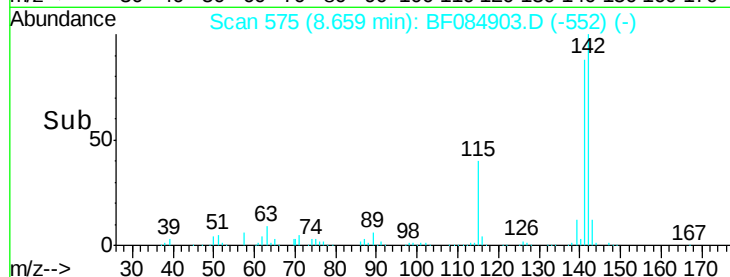
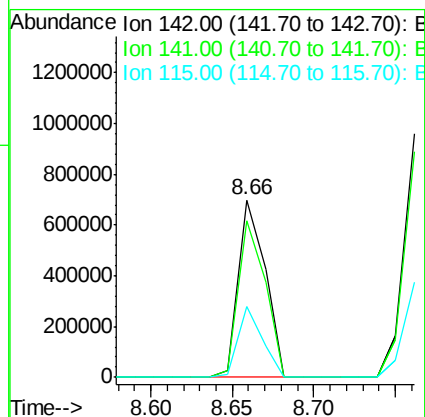
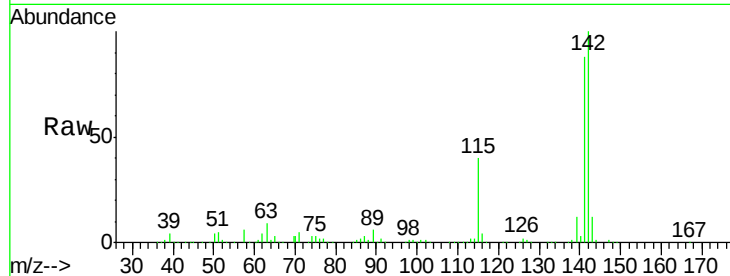
ClientSampleId :

SSTDCCC040

Tot Ion:	142	Resp:	793544
Ion Ratio	Lower	Upper	
142	100		
141	88.3	72.4	108.6
115	39.8	27.9	41.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

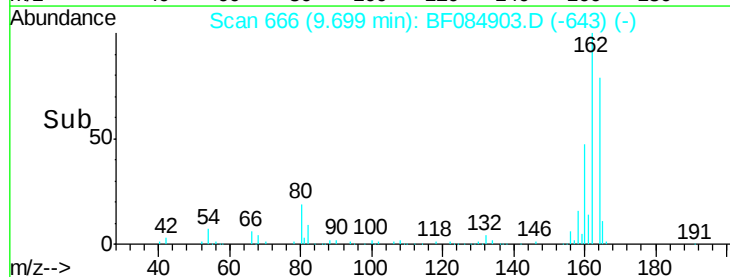
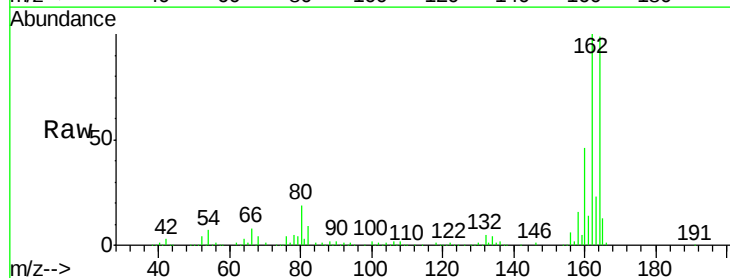
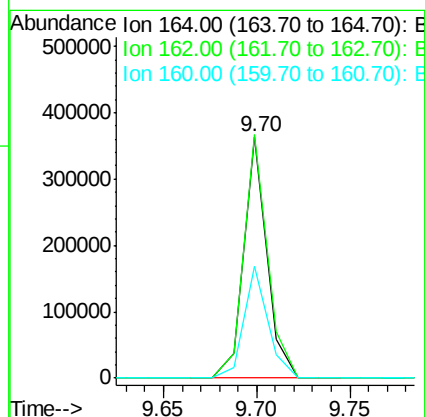
RT: 9.70 min Scan# 666

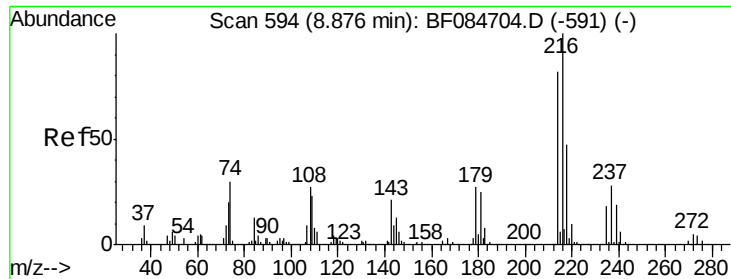
Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:	164	Resp:	314590
Ion Ratio	Lower	Upper	
164	100		
162	100.9	85.1	127.7
160	46.6	37.5	56.3





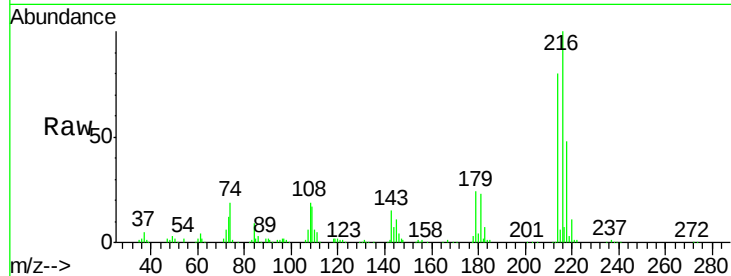
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.98 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

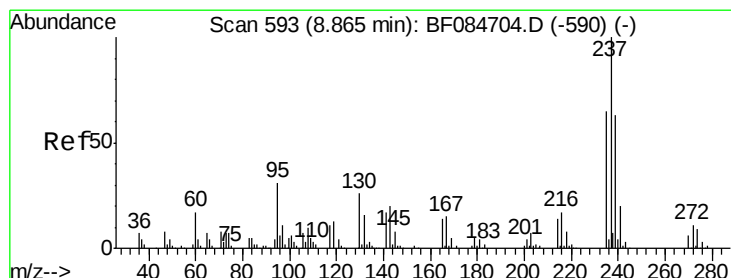
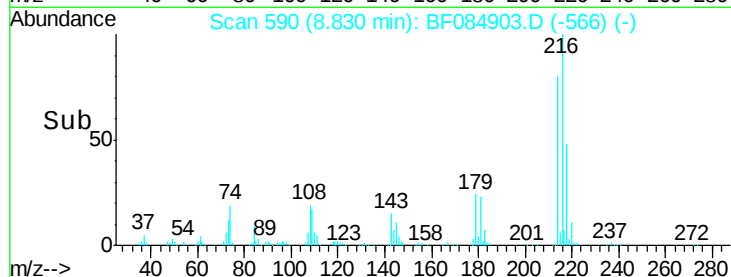
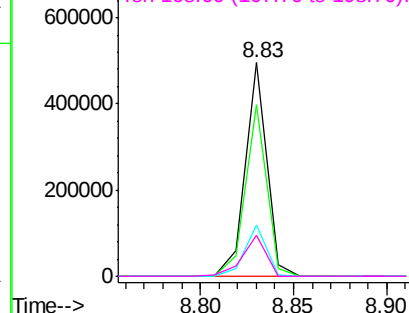
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		399448		
214	79.7		64.2	96.2	
179	24.2		18.7	28.1	
108	21.2		16.8	25.2	

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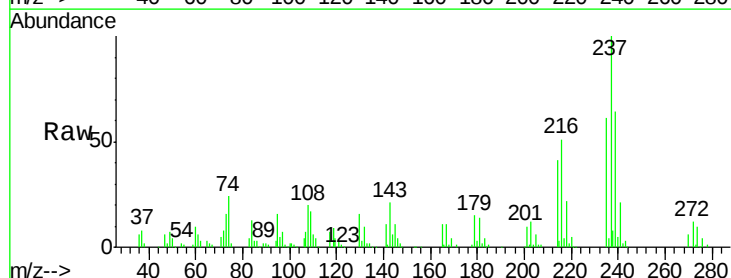


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

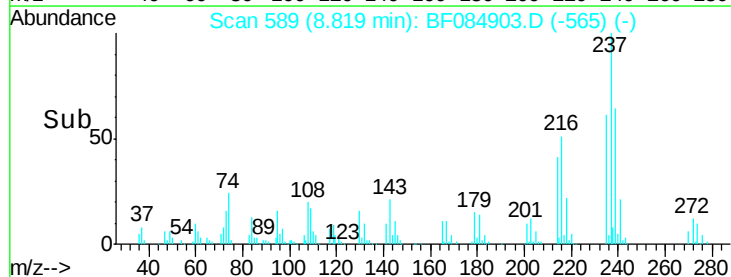
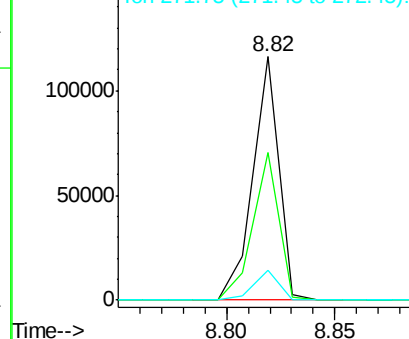


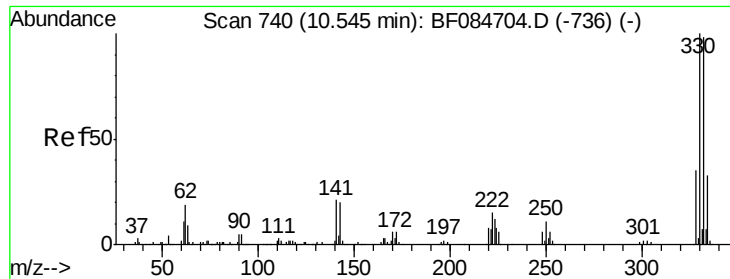
#40
 Hexachlorocyclopentadiene
 Concen: 29.90 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		96179		
235	60.9		43.1	83.1	
272	12.4		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





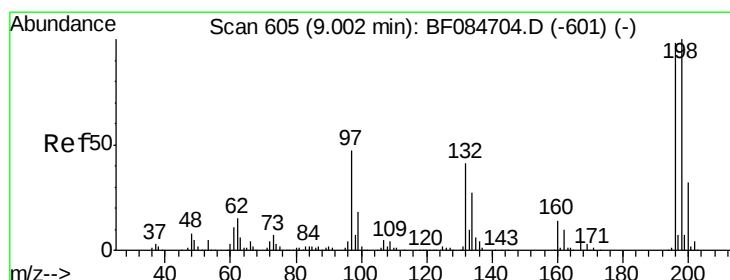
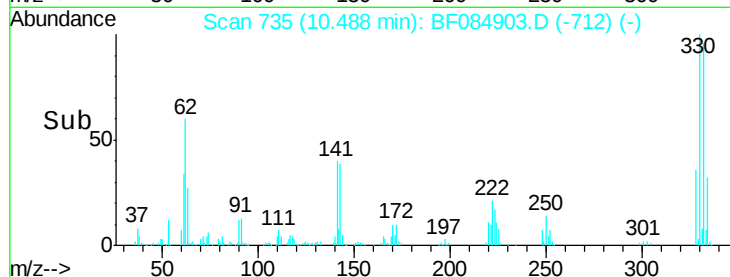
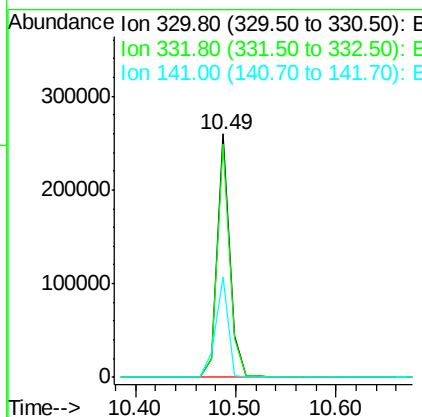
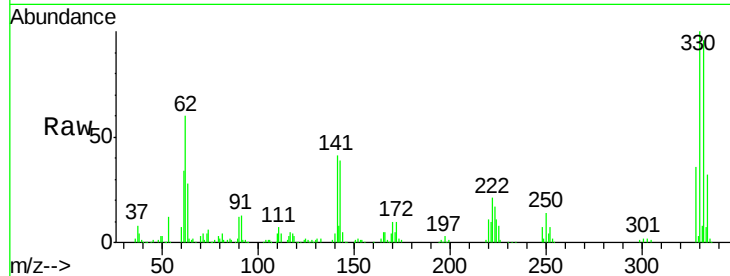
#41
 2,4,6-Tribromophenol
 Concen: 68.75 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	225587		
332	95.9	76.6	114.8	
141	41.7	27.8	41.6#	

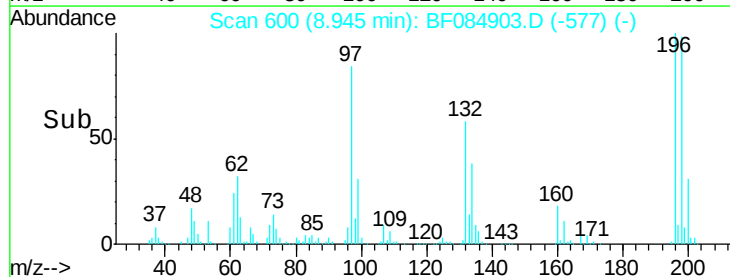
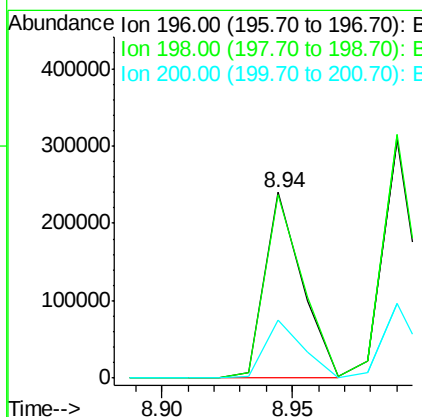
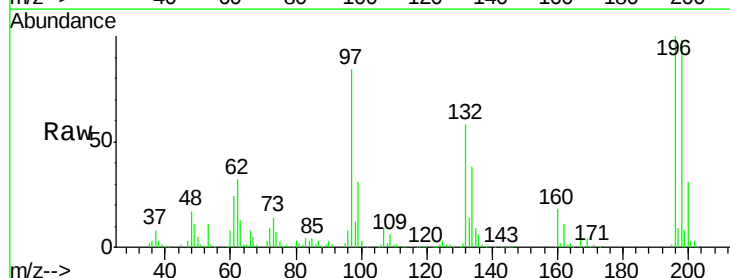
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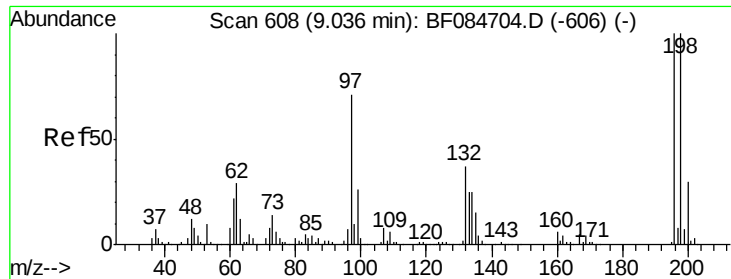
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#42
 2,4,6-Trichlorophenol
 Concen: 37.14 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239060		
198	98.5	77.7	116.5	
200	31.3	24.6	37.0	





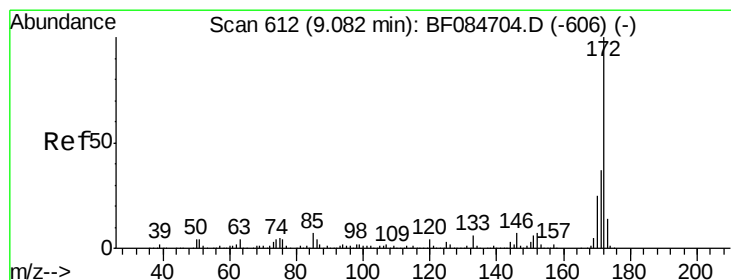
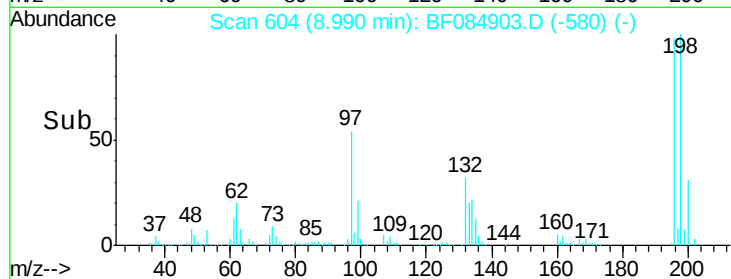
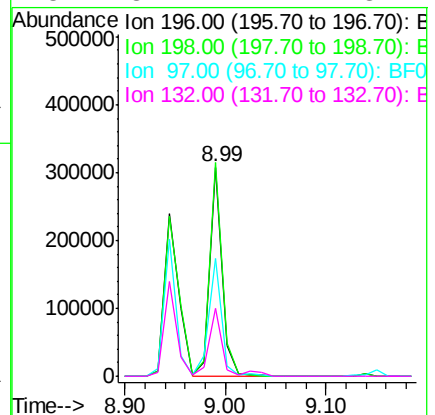
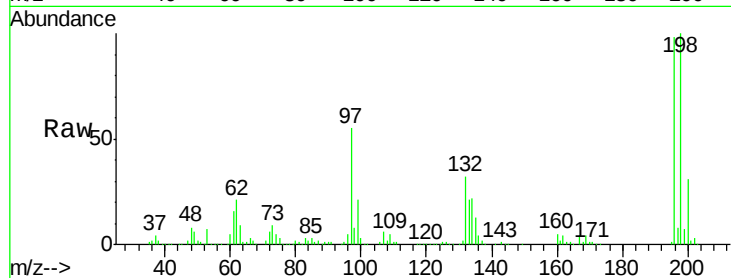
#43
 2,4,5-Trichlorophenol
 Concen: 40.52 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	265016		
198	102.2	79.0	118.6	
97	56.5	33.0	49.6	#
132	32.7	21.1	31.7	#

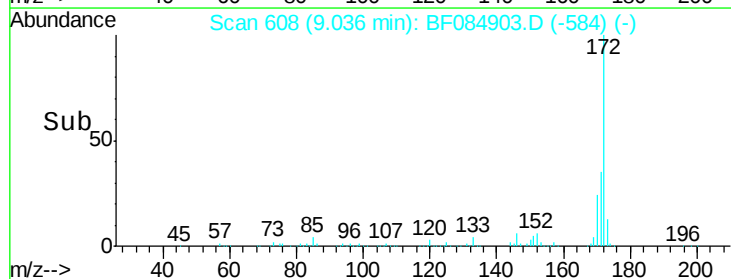
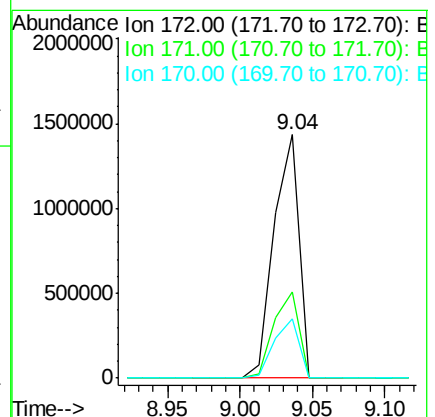
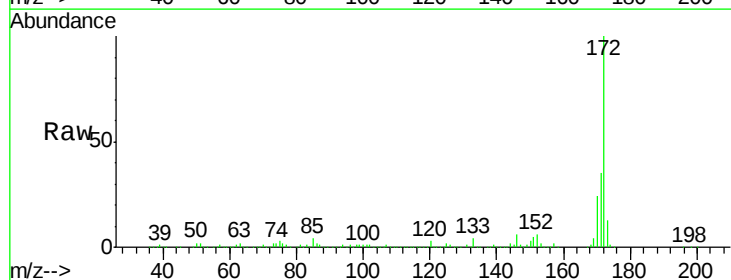
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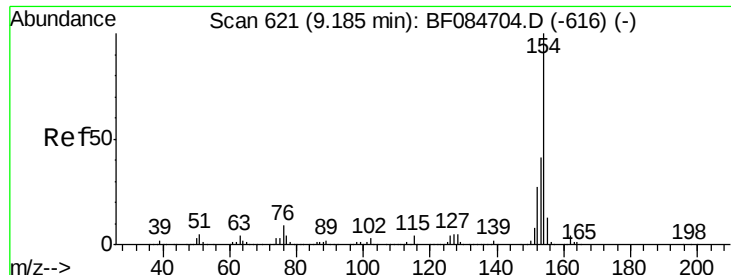
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#44
 2-Fluorobiphenyl
 Concen: 95.73 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1712532		
171	35.5	28.9	43.3	
170	24.5	18.6	27.8	





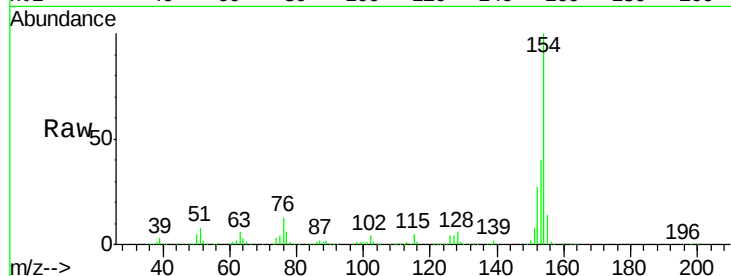
#45
 1,1'-Biphenyl
 Concen: 36.76 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.6	61.6
76	12.8	0.0	32.7

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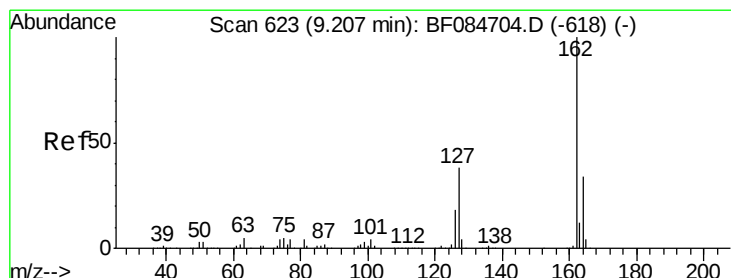
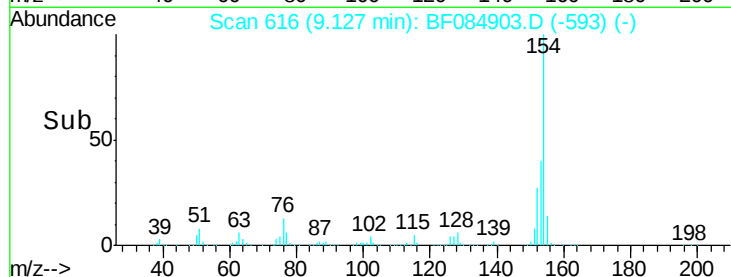
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

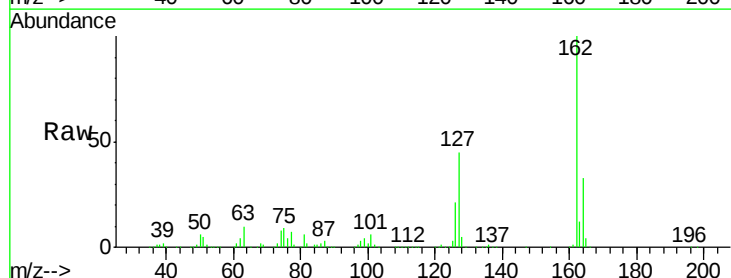
Ion 76.00 (75.70 to 76.70): BF0

Time-->



#46
 2-Chloronaphthalene
 Concen: 37.18 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.9	40.2	60.4
164	33.5	25.7	38.5



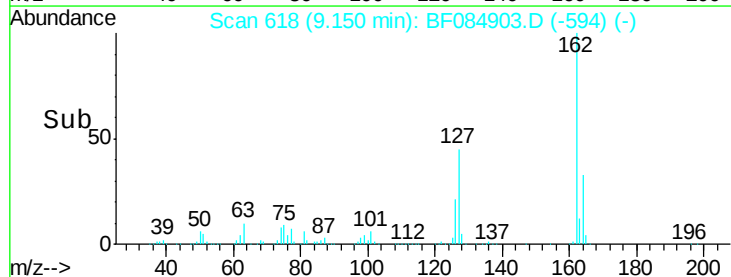
Abundance

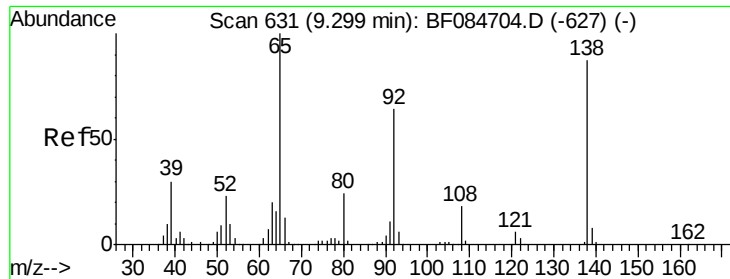
Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->





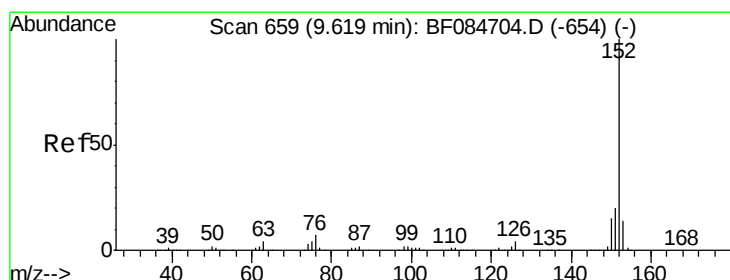
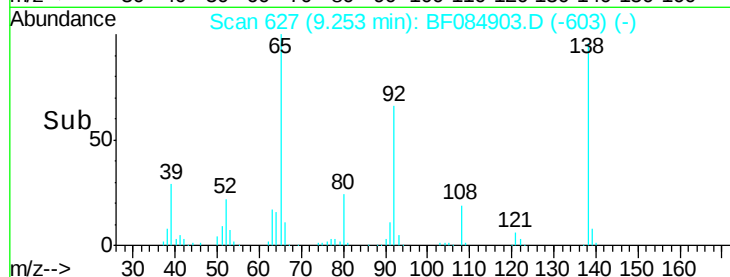
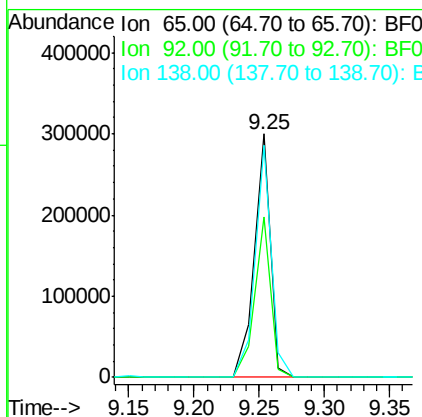
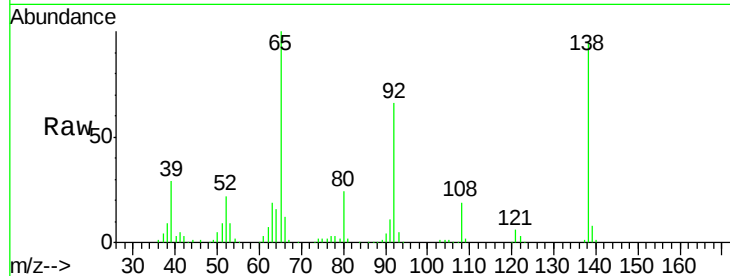
#47
2-Nitroaniline
Concen: 39.74 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.4	80.2
138	95.4	71.1	106.7

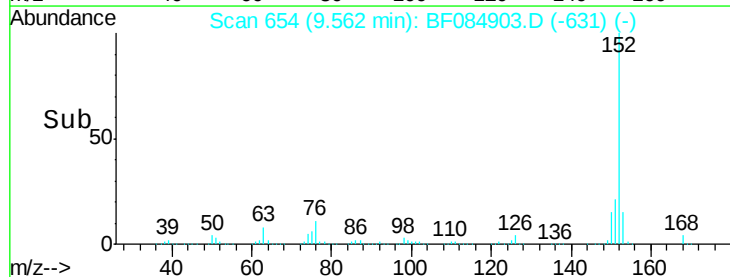
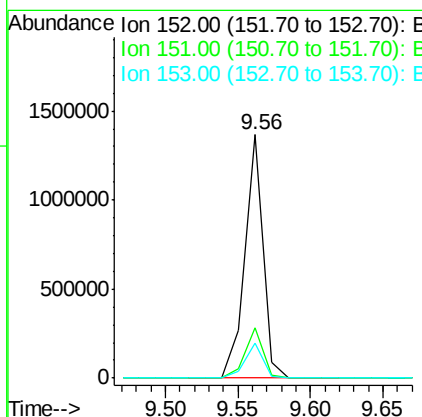
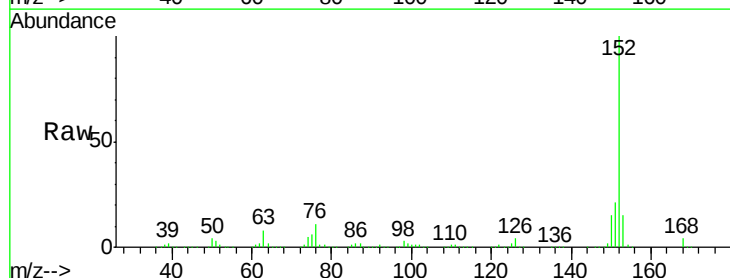
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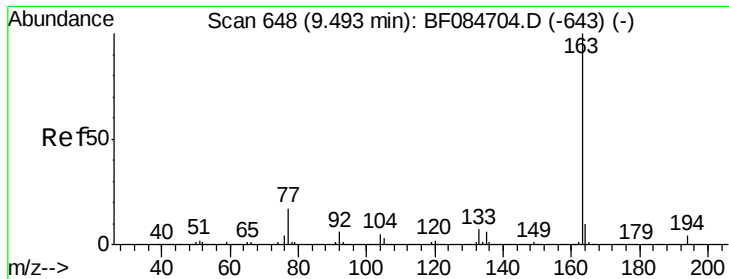
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#48
Acenaphthylene
Concen: 37.78 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.6	10.4	15.6





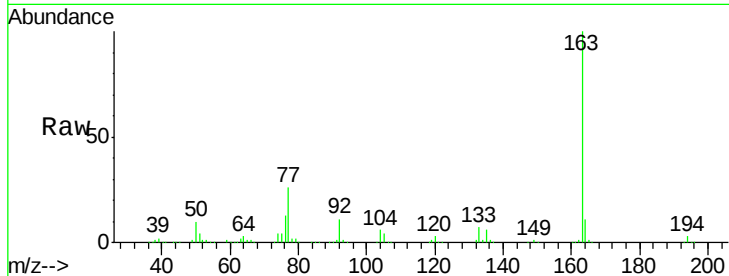
#49
Dimethylphthalate
Concen: 37.63 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

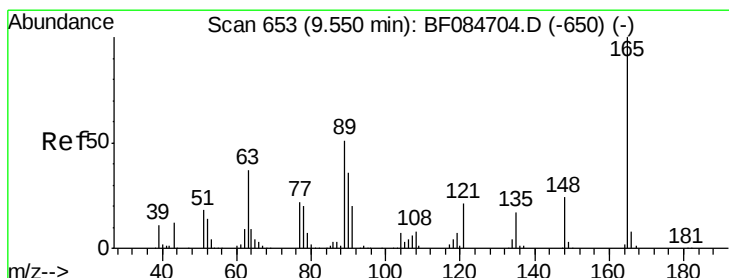
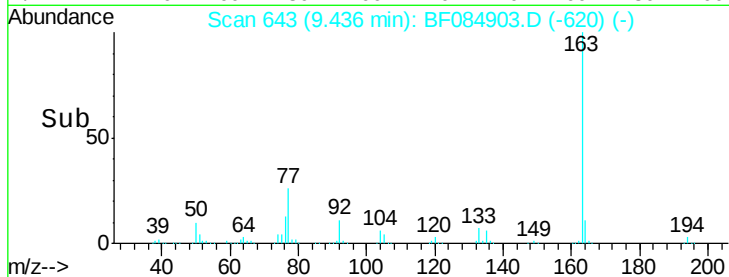
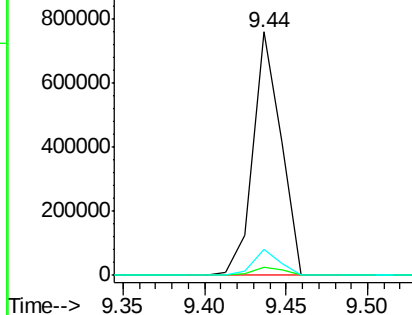
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.5	8.0	12.0

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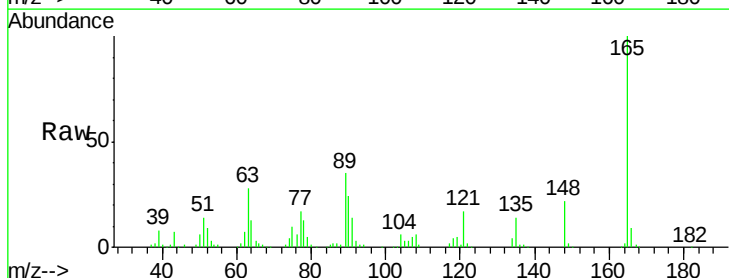


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

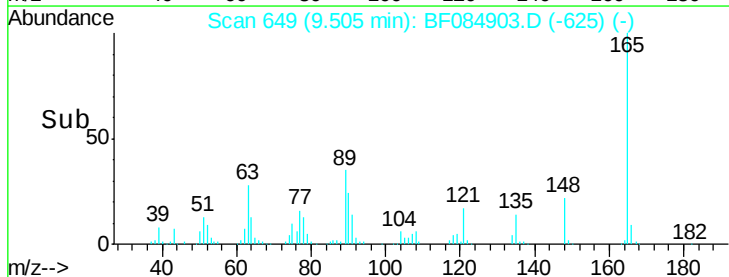
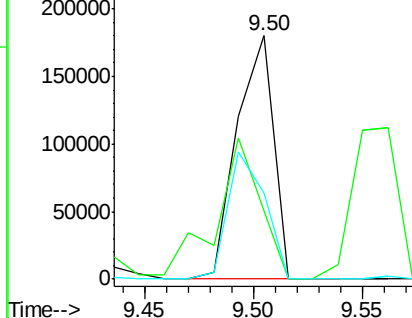


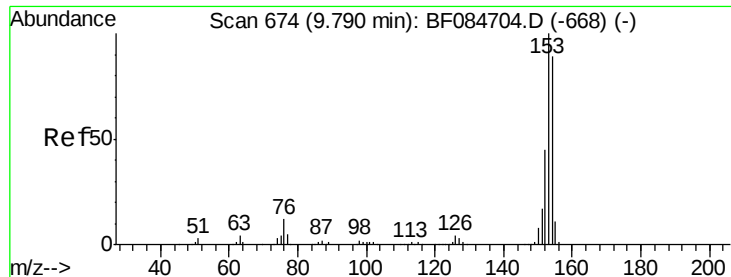
#50
2,6-Dinitrotoluene
Concen: 40.06 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	28.3	28.8	43.2#
89	35.4	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: 36.09 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

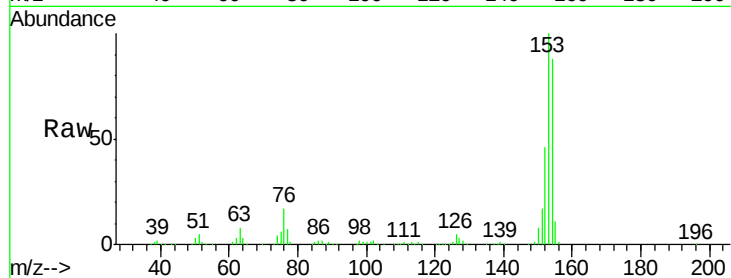
ClientSampleId :

SSTDCCC040

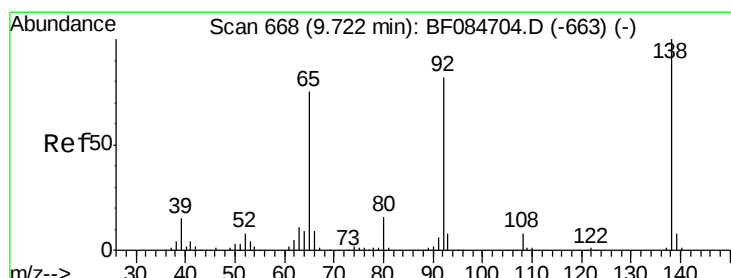
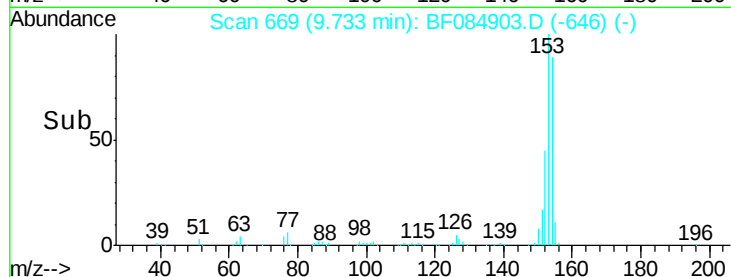
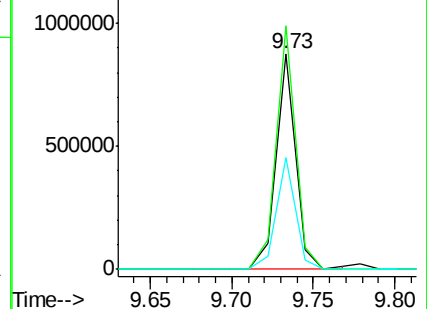
Tot Ion:	154	Resp:	737290
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.5	137.3
152	51.8	43.0	64.6

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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: 33.83 ng

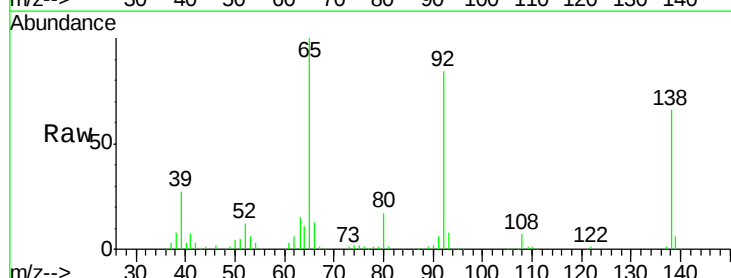
RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

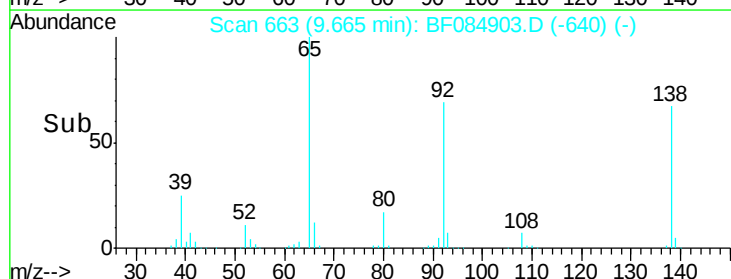
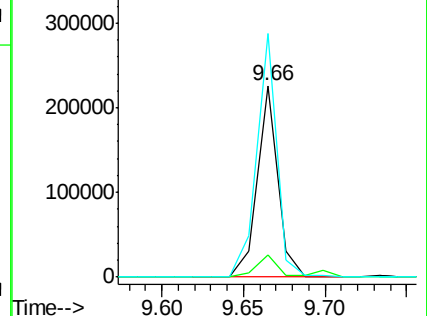
Lab File: BF084903.D

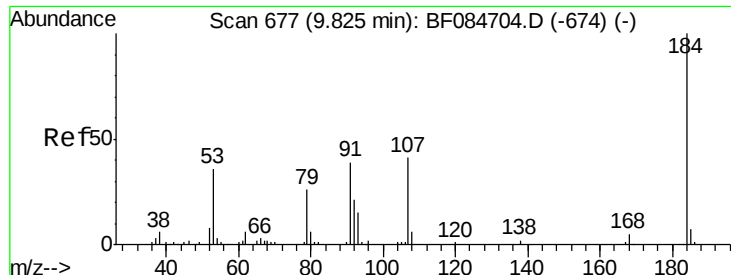
Acq: 6 Feb 2016 11:17

Tgt Ion:	138	Resp:	198979
Ion Ratio	Lower	Upper	
138	100		
108	11.3	10.5	15.7
92	127.0	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





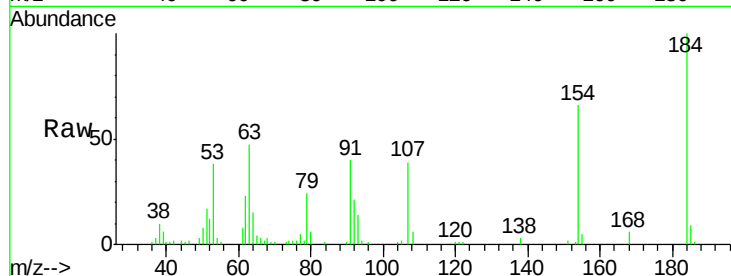
#53
2,4-Dinitrophenol
Concen: 21.86 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

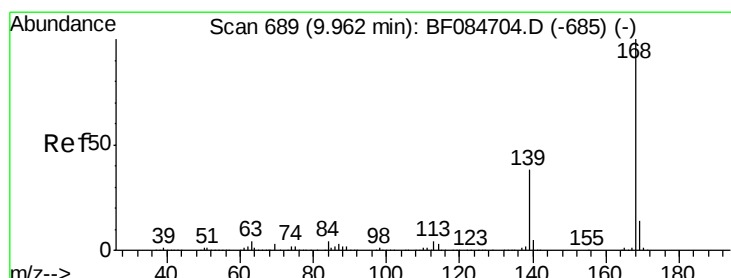
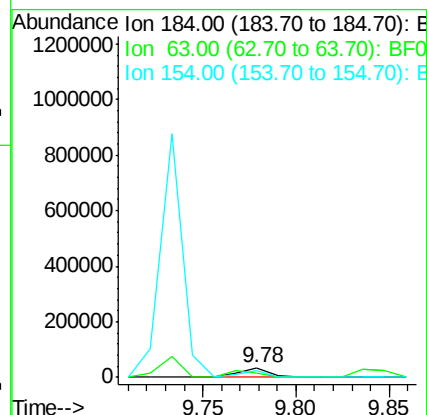
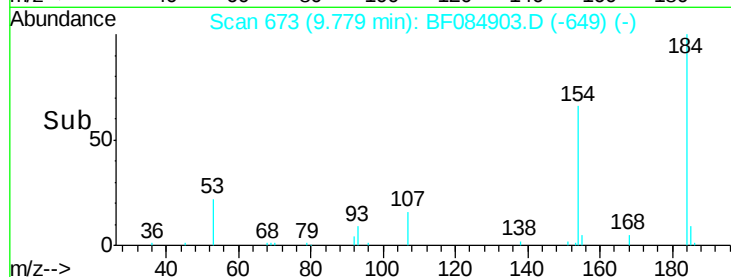
Tot Ion	Ratio	Resp	Lower	Upper
184	100	41818		
63	47.1		43.1	64.7
154	66.3		60.5	90.7

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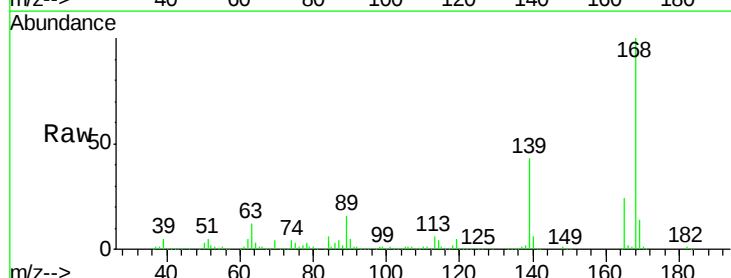


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

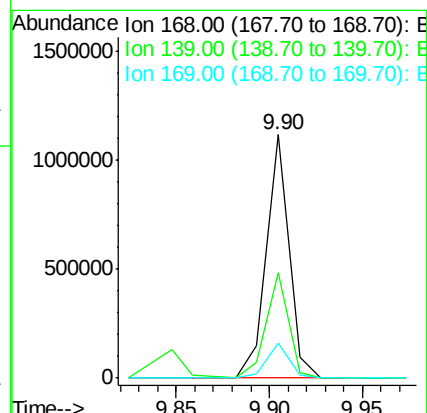
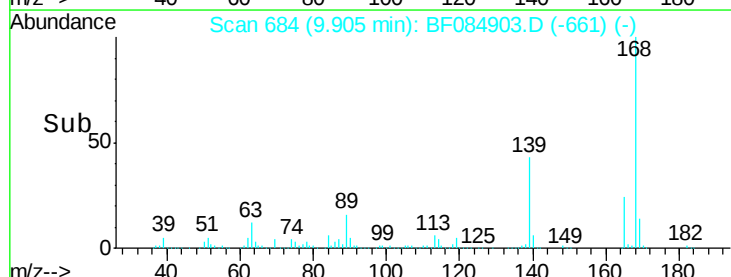


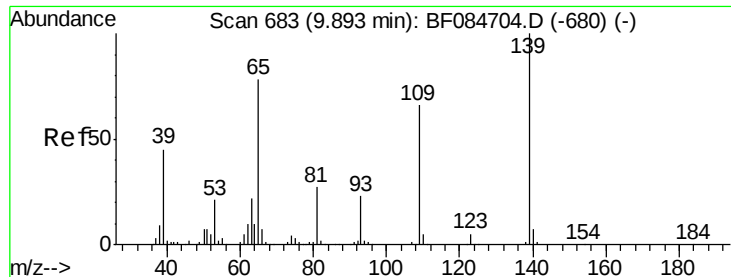
#54
Dibenzofuran
Concen: 37.41 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	933976		
139	43.1		30.5	45.7
169	14.1		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





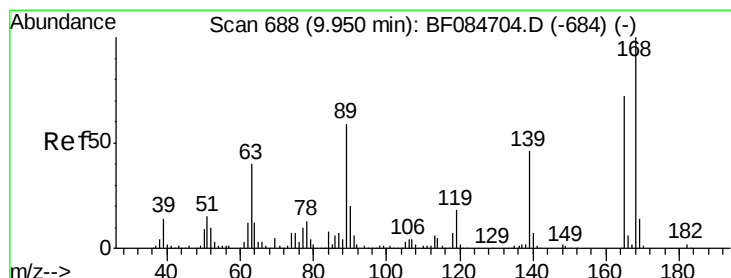
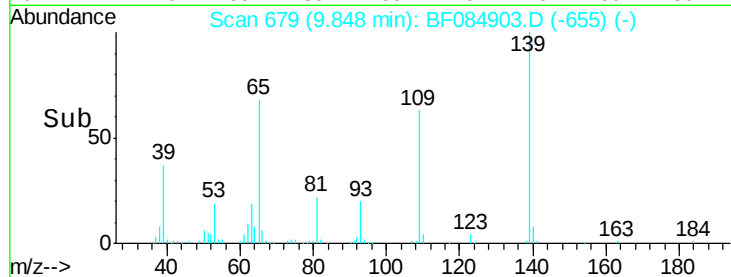
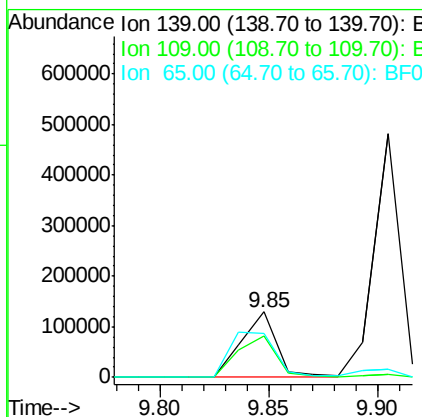
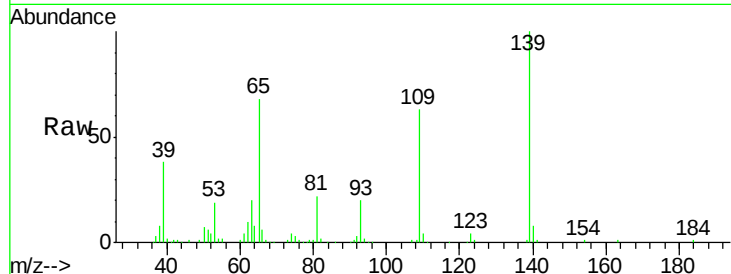
#55
4-Nitrophenol
Concen: 33.95 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	146779		
109	63.2	58.5	98.5	
65	67.6	57.6	97.6	

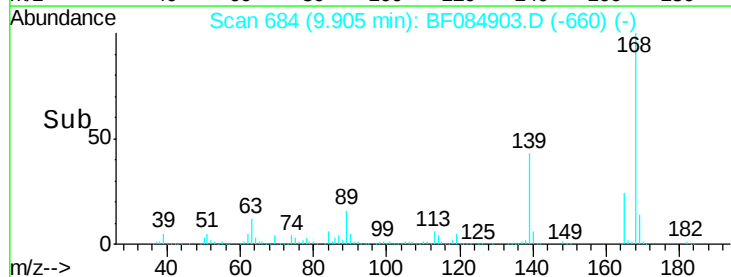
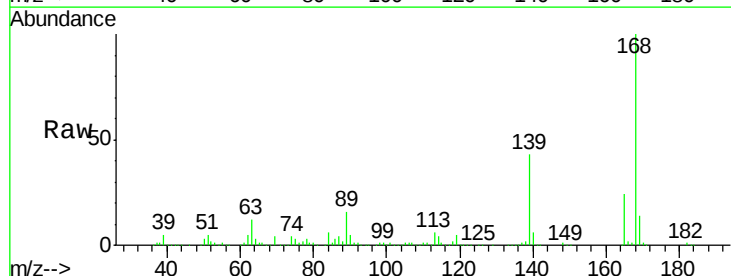
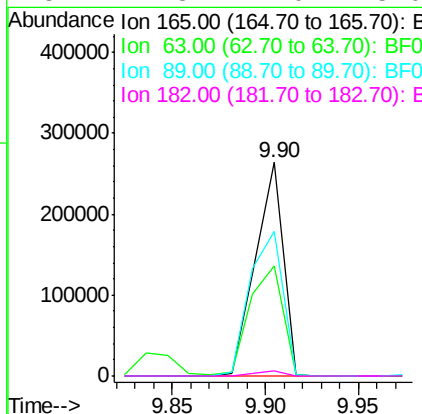
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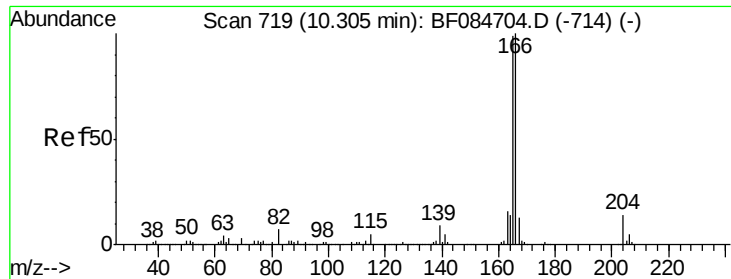
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#56
2,4-Dinitrotoluene
Concen: 40.63 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	271282		
63	51.6	36.7	55.1	
89	67.9	61.9	92.9	
182	2.3	2.0	3.0	





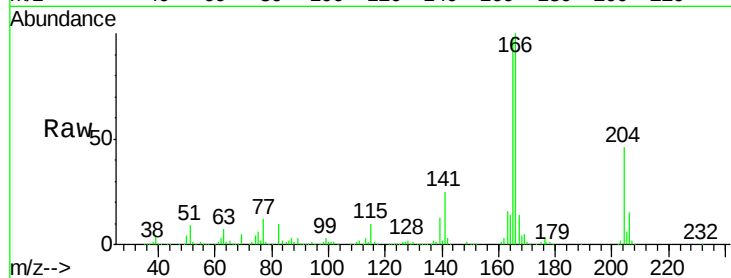
#57
 Fluorene
 Concen: 38.58 ng
 RT: 10.25 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	13.7	10.4	15.6

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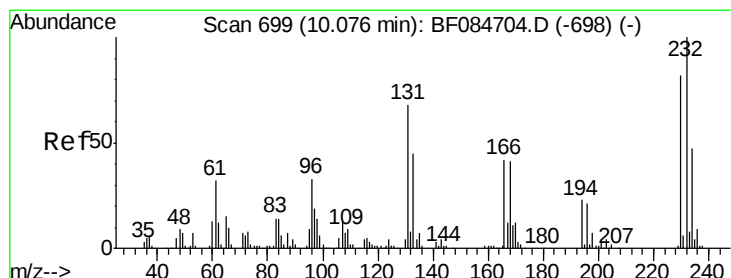
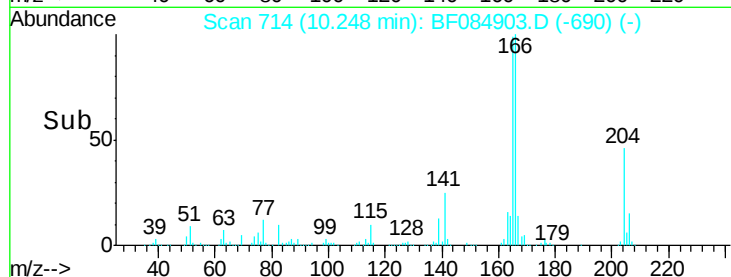
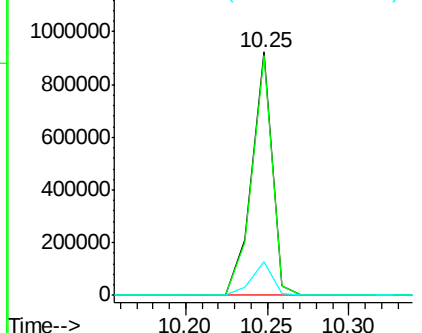


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.27 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	47.0	70.6
130	2.1	2.0	3.0
166	32.4	30.5	45.7

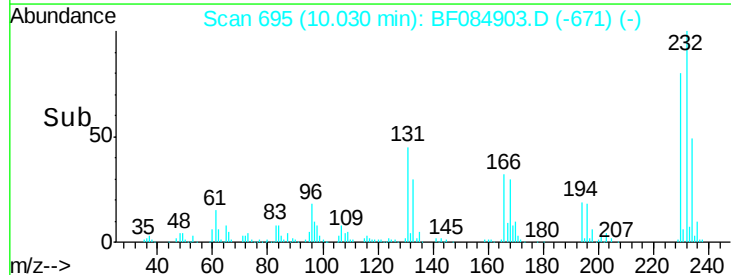
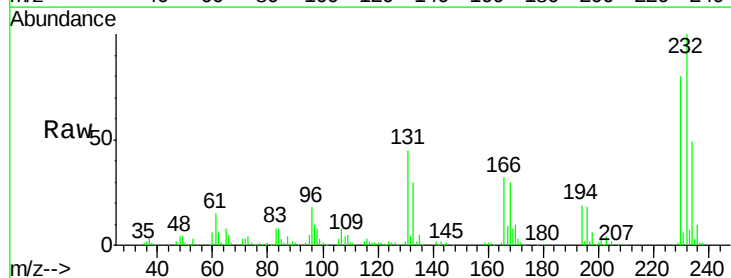
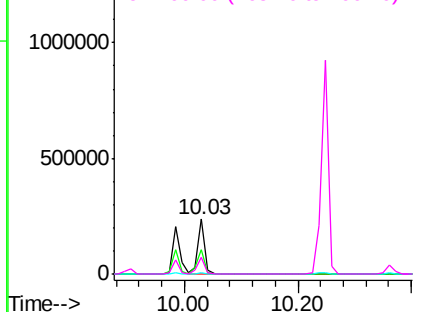
Abundance

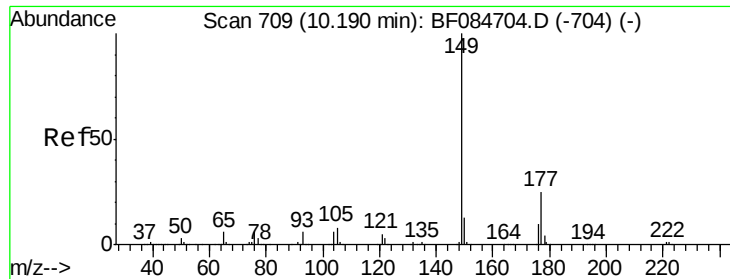
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





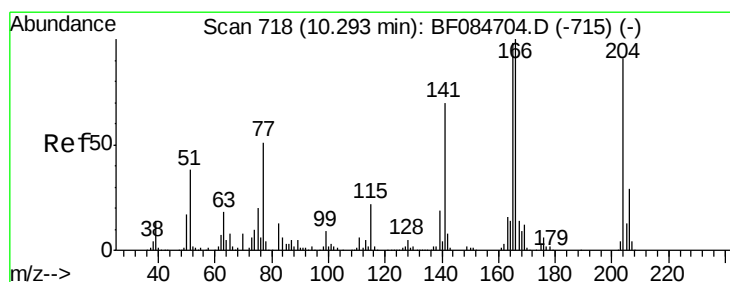
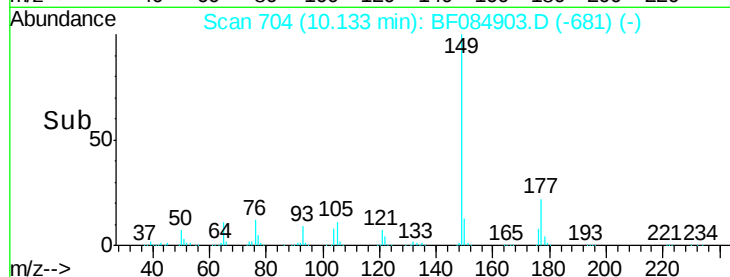
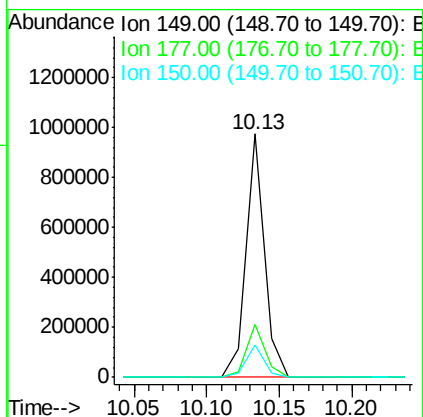
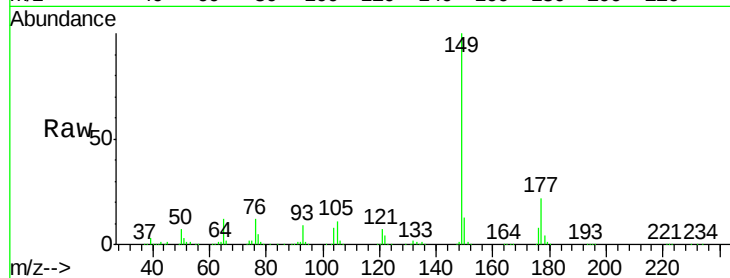
#59
Diethylphthalate
Concen: 36.49 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.3	25.9
150	13.2	9.8	14.8

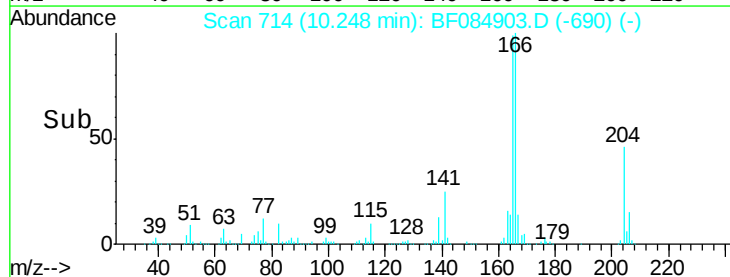
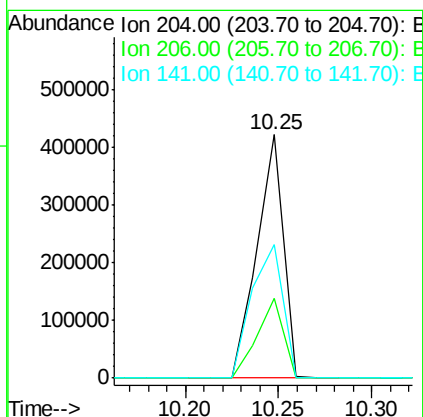
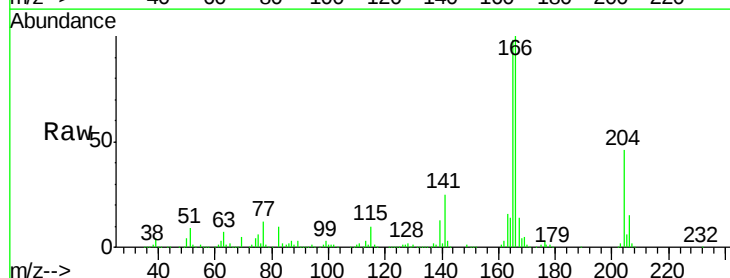
Manual Integrations
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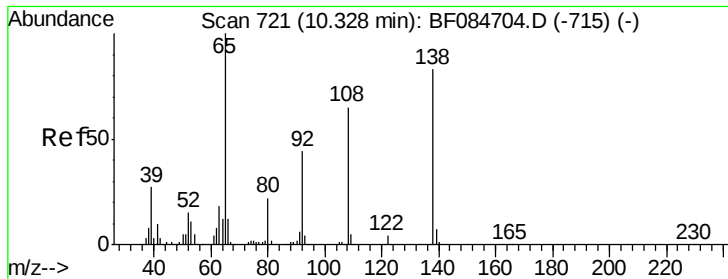
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#60
4-Chlorophenyl-phenylether
Concen: 47.25 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.7	38.5
141	55.1	55.1	82.7#





#61

4-Nitroaniline

Concen: 40.82 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

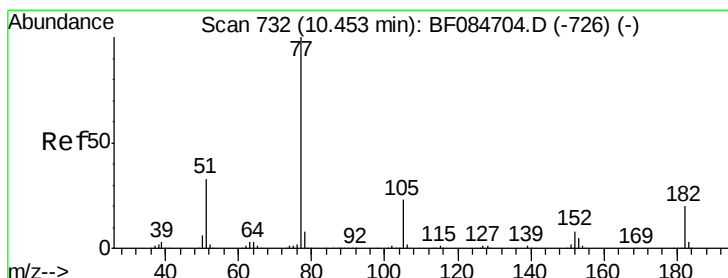
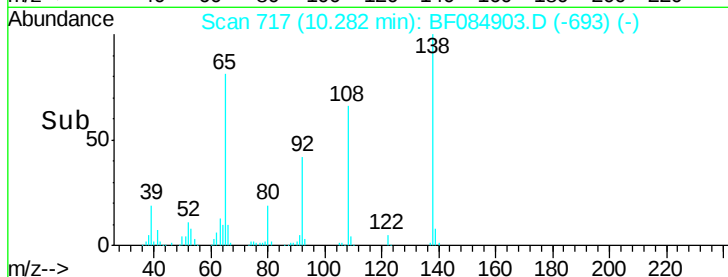
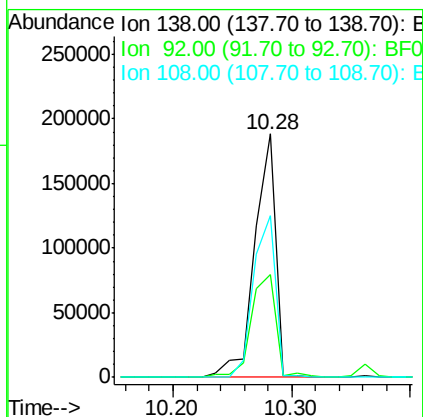
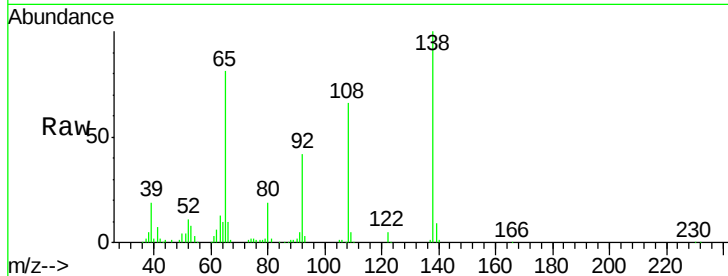
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	233978
Ion Ratio	Lower	Upper	
138	100		
92	42.4	32.6	72.6
108	66.5	68.6	108.6#

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#62

Azobenzene

Concen: 37.60 ng

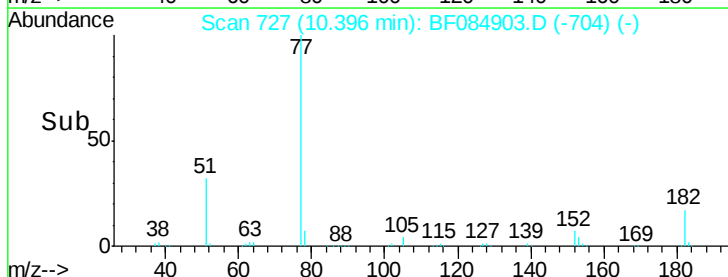
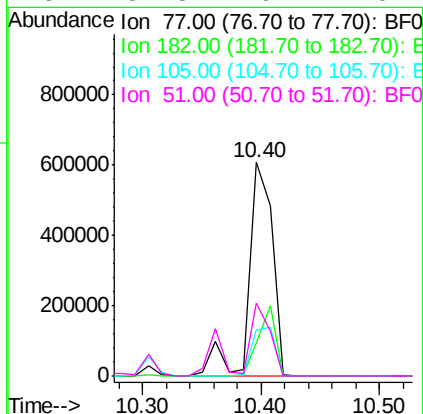
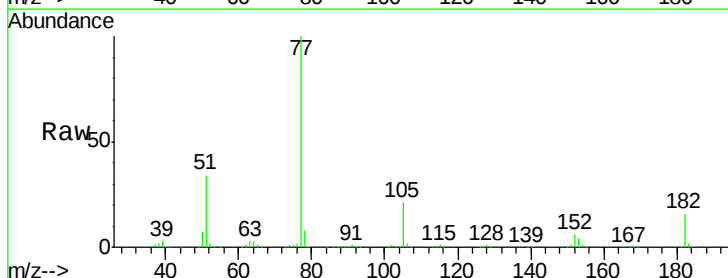
RT: 10.40 min Scan# 727

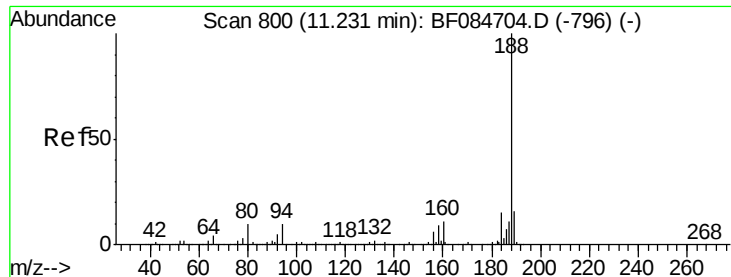
Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:	77	Resp:	845900
Ion Ratio	Lower	Upper	
77	100		
182	15.8	8.3	48.3
105	21.3	4.6	44.6
51	34.3	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: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

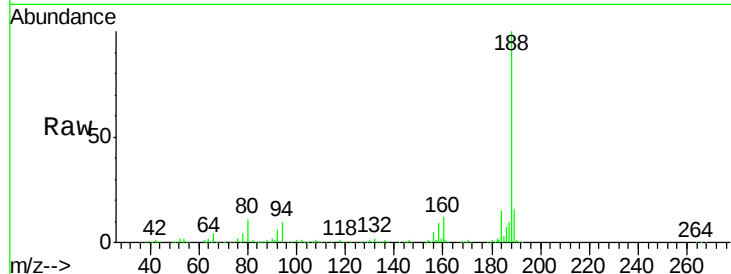
ClientSampleId :

SSTDCCC040

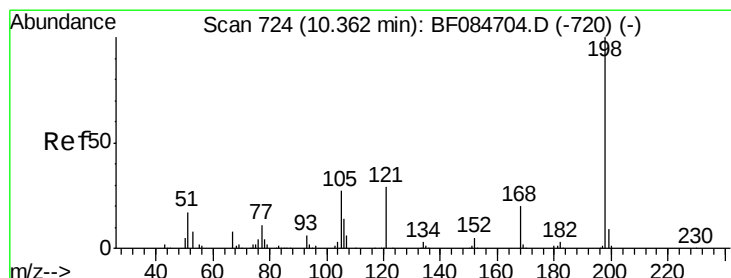
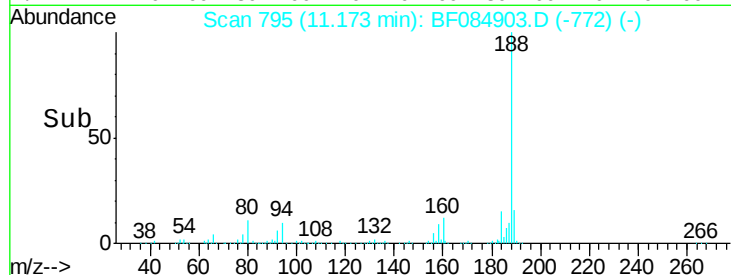
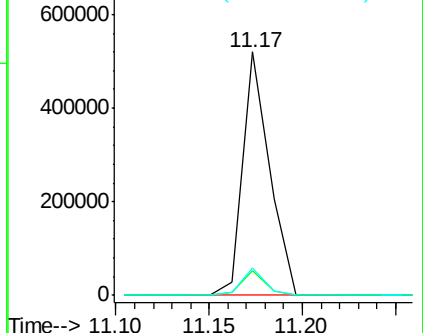
Tot Ion	Ratio	Resp	Lower	Upper
188	100	520190		
94	10.1		9.0	13.4
80	11.3		9.6	14.4

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 28.46 ng

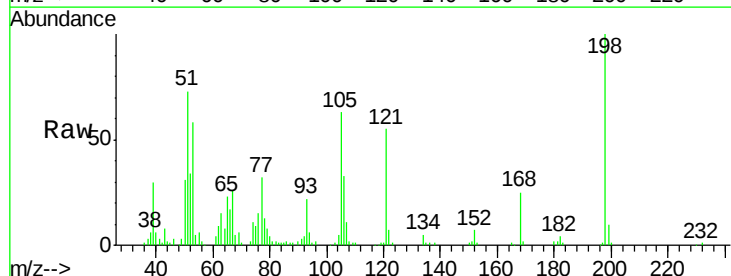
RT: 10.30 min Scan# 719

Delta R.T. -0.03 min

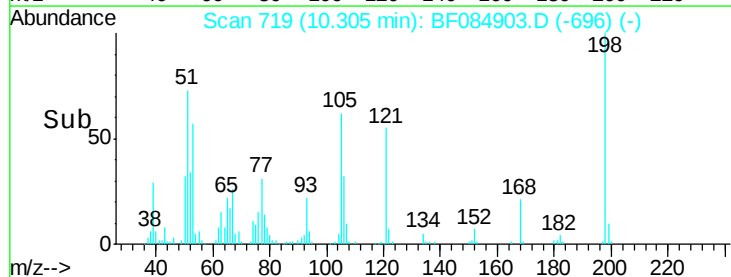
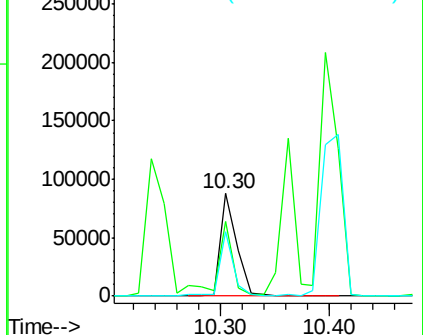
Lab File: BF084903.D

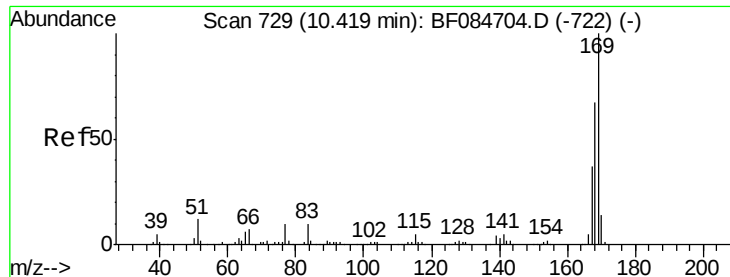
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91365		
51	72.5		18.9	58.9#
105	63.0		26.4	66.4



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.44 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

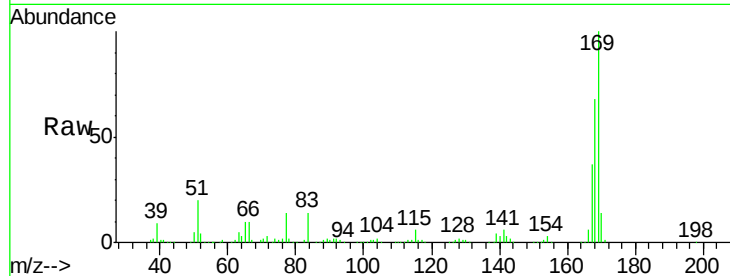
ClientSampleId :

SSTDCCC040

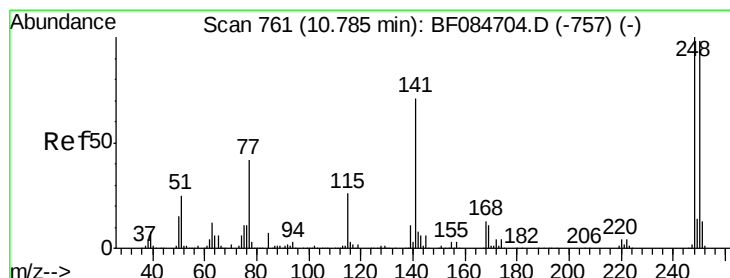
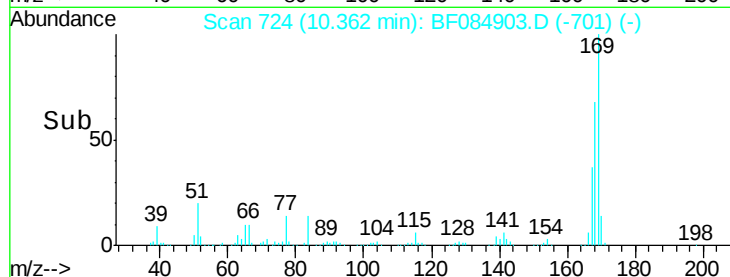
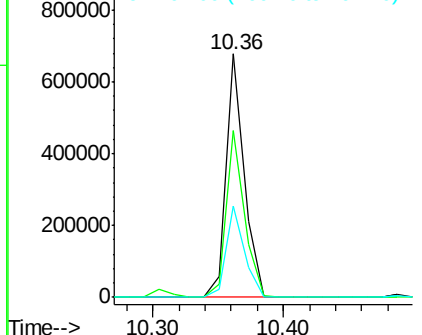
Tot Ion:	169	Resp:	651526
Ion Ratio	Lower	Upper	
169	100		
168	68.3	55.1	82.7
167	37.3	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 40.83 ng

RT: 10.73 min Scan# 756

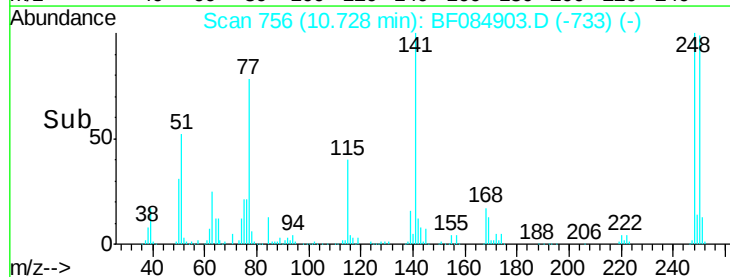
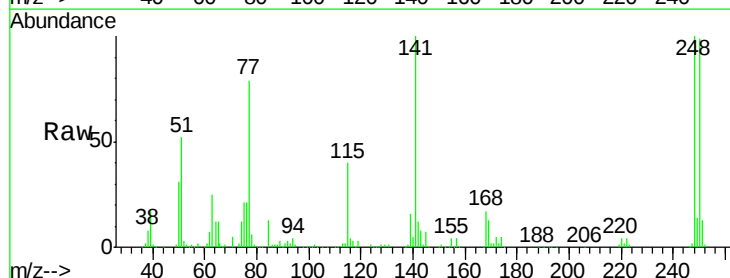
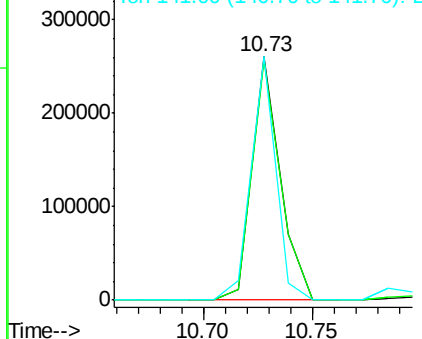
Delta R.T. -0.03 min

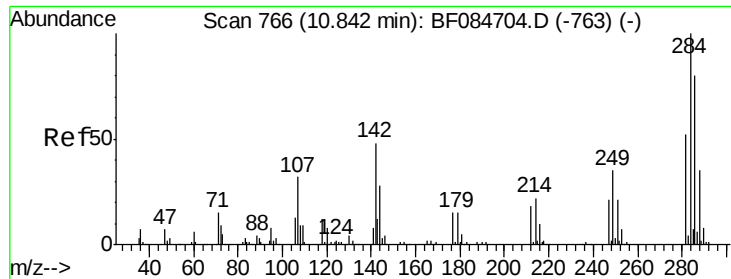
Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:	248	Resp:	234593
Ion Ratio	Lower	Upper	
248	100		
250	98.7	78.4	117.6
141	99.9	44.0	66.0#

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





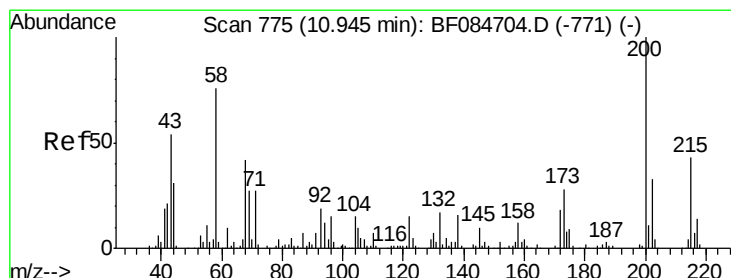
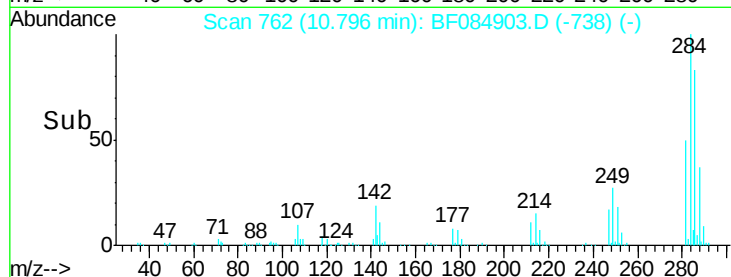
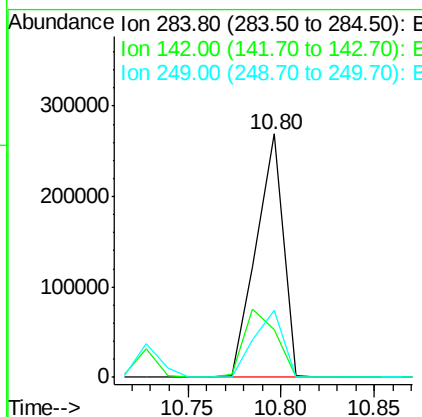
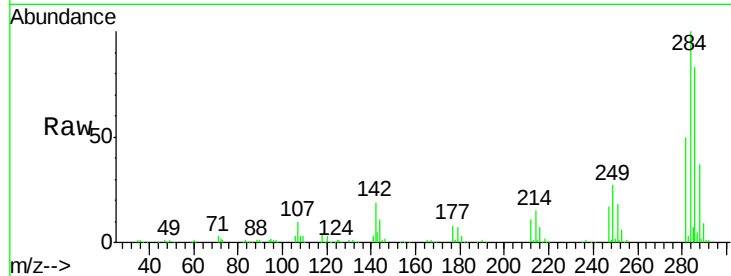
#67
Hexachlorobenzene
Concen: 43.39 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	271666		
142	19.4	22.2	33.4#	
249	27.4	24.6	37.0	

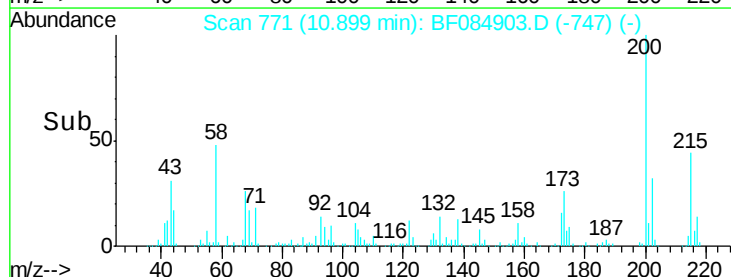
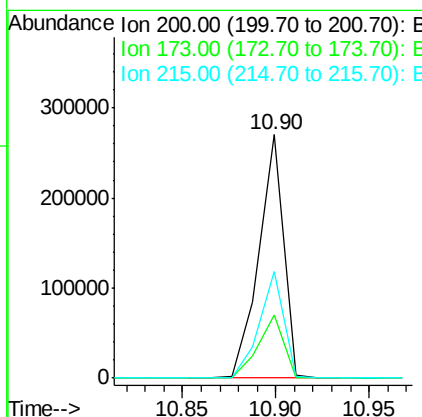
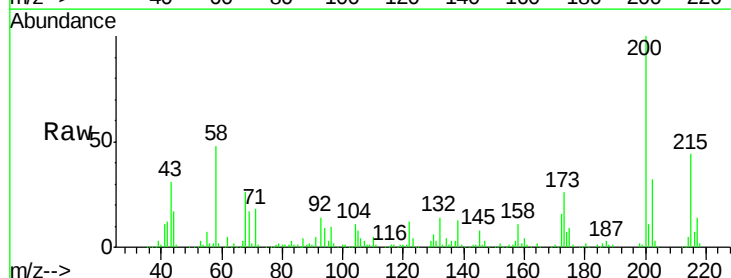
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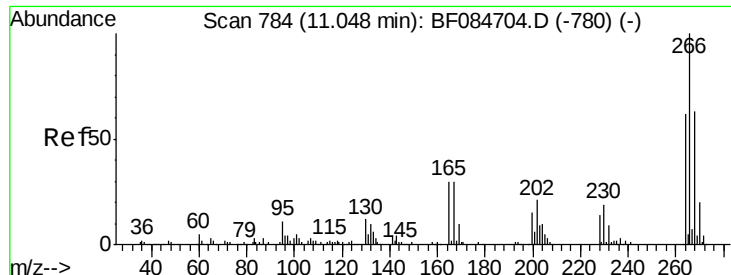
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#68
Atrazine
Concen: 47.46 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	247552		
173	26.0	9.5	49.5	
215	43.7	23.8	63.8	





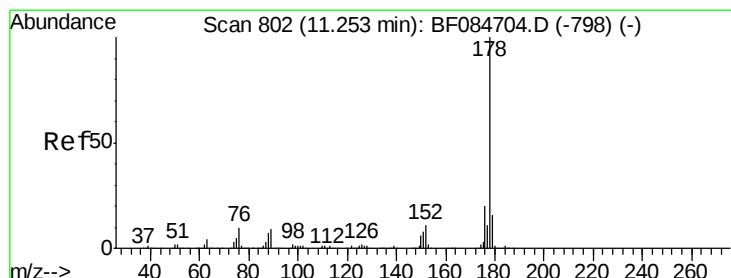
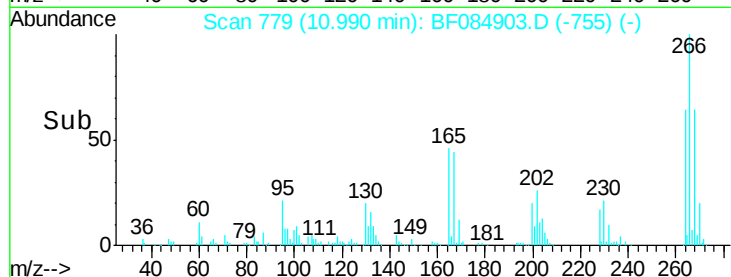
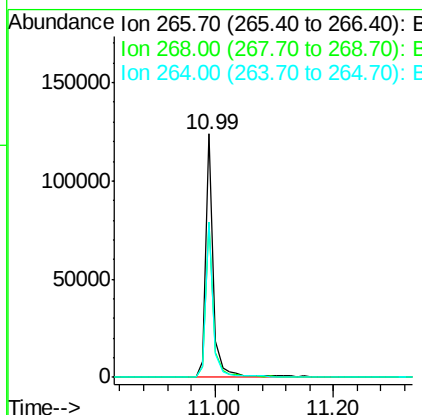
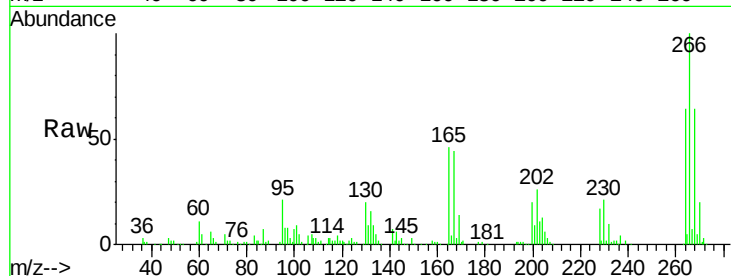
#69
 Pentachlorophenol
 Concen: 39.57 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.4	78.6
264	63.6	50.2	75.2

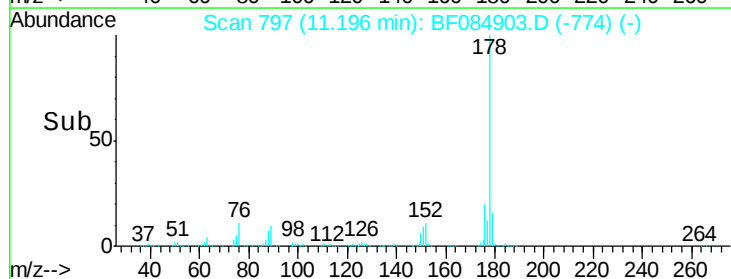
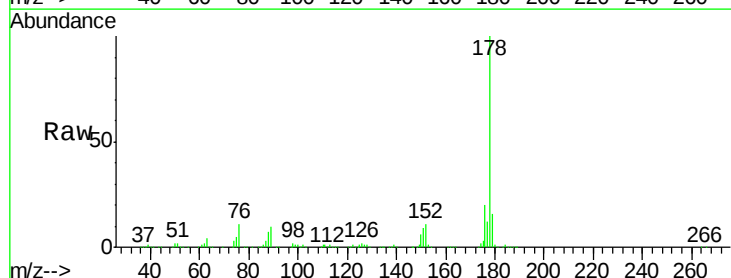
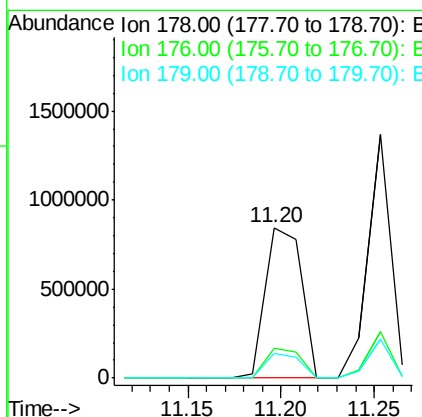
Manual Integrations
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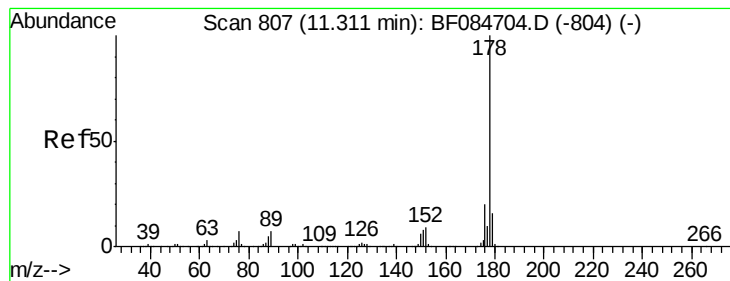
UMANGI
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#70
 Phenanthrene
 Concen: 39.44 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	16.4	12.0	18.0





#71

Anthracene

Concen: 39.50 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1148278

Ion Ratio Lower Upper

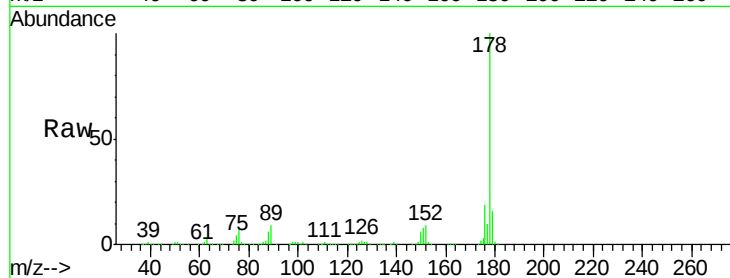
178 100

176 19.2 15.4 23.0

179 16.0 12.5 18.7

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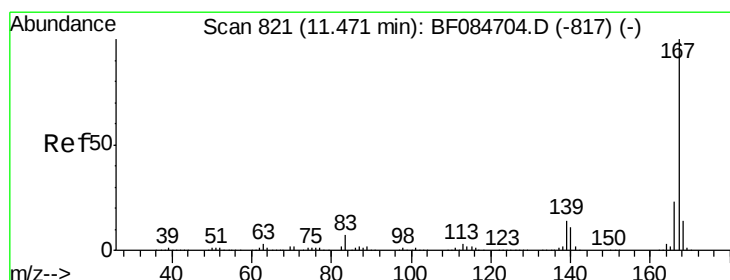
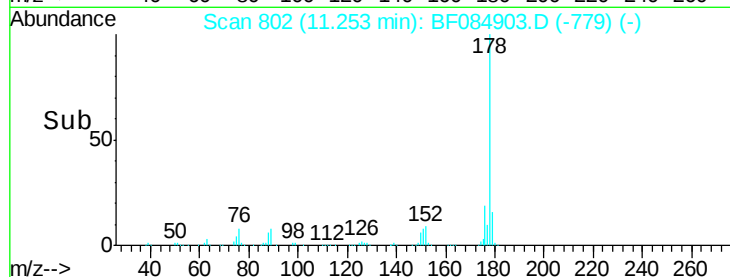
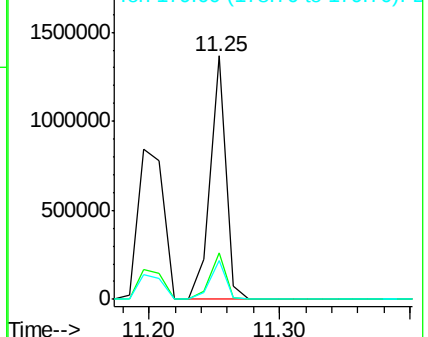
UMANGI
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.32 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

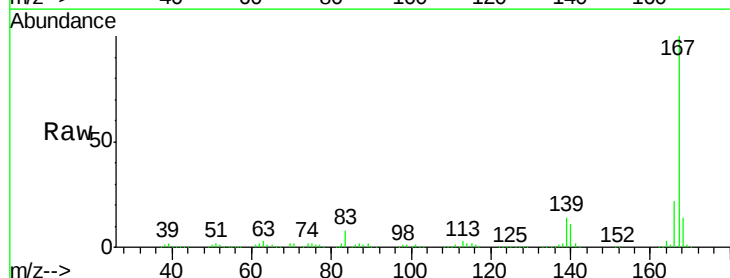
Tgt Ion:167 Resp: 971509

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

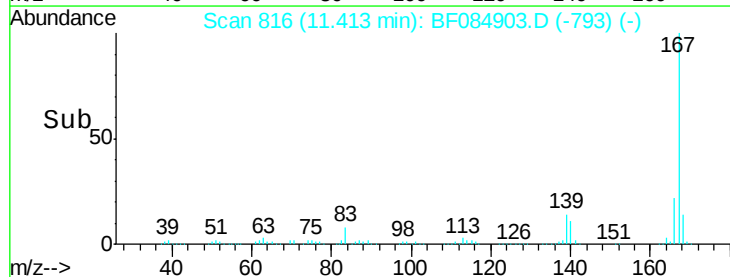
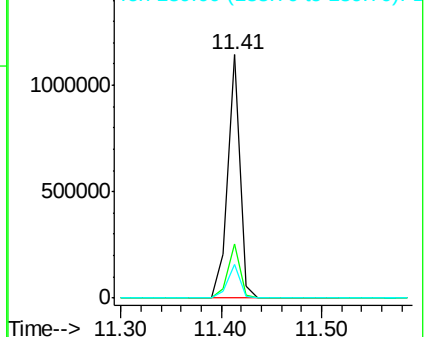
139 13.9 11.8 17.8

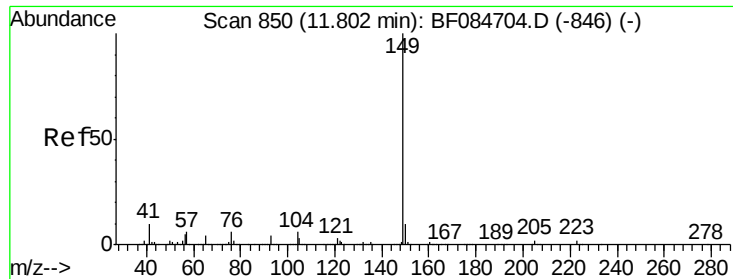


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.61 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

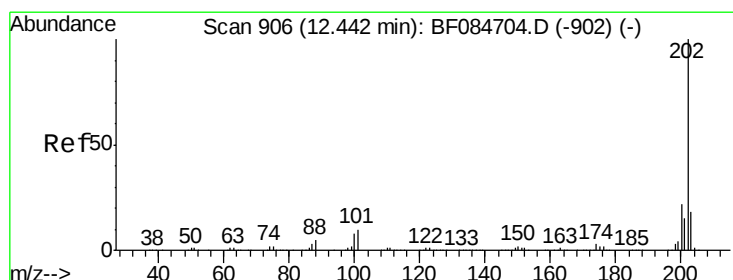
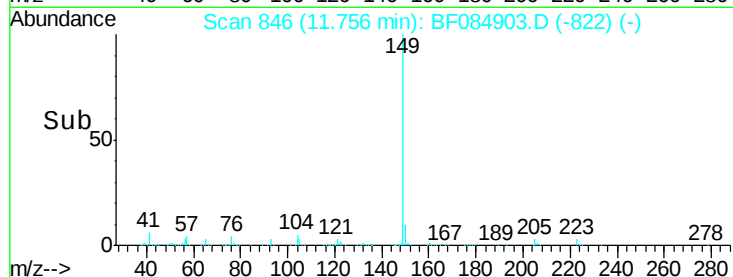
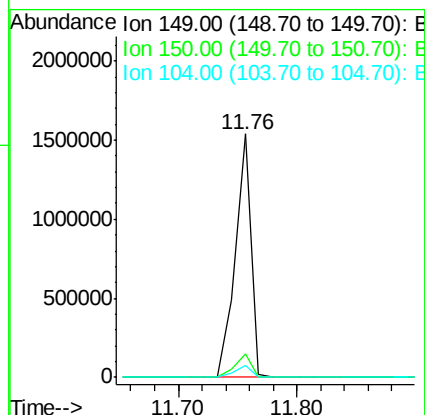
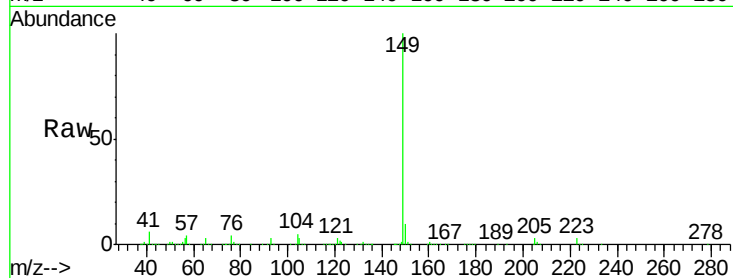
SSTDCCC040

Tot Ion:149 Resp: 1407433

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	4.9	3.2	4.8#

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#74

Fluoranthene

Concen: 36.60 ng

RT: 12.38 min Scan# 901

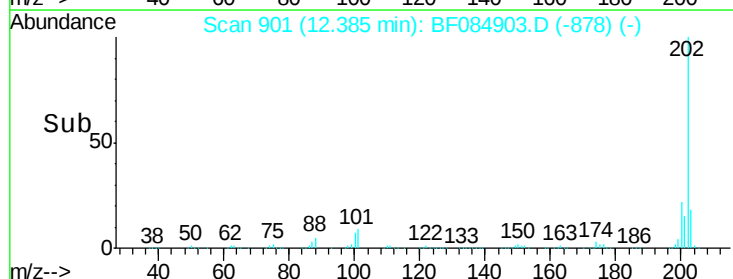
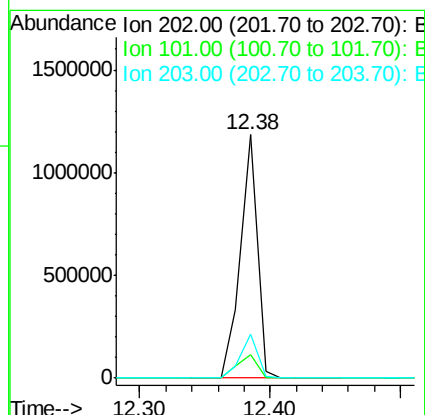
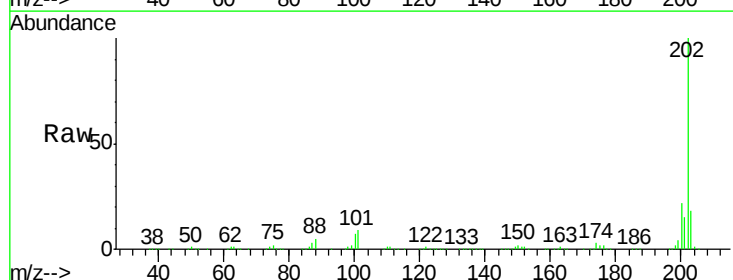
Delta R.T. -0.03 min

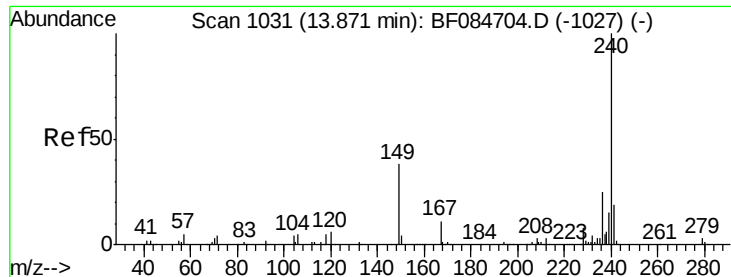
Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:202 Resp: 1068703

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	32.8
203	18.1	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: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

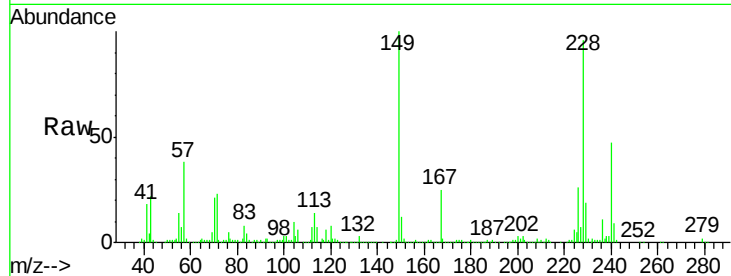
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3#
236	24.6	20.6	31.0

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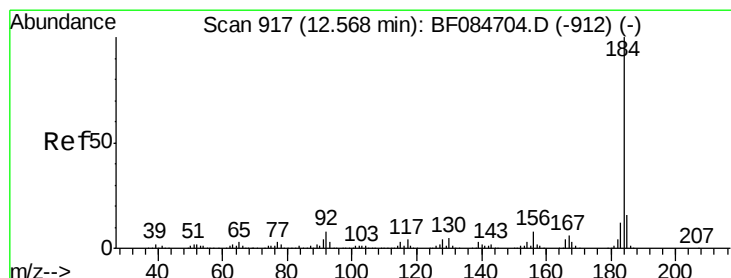
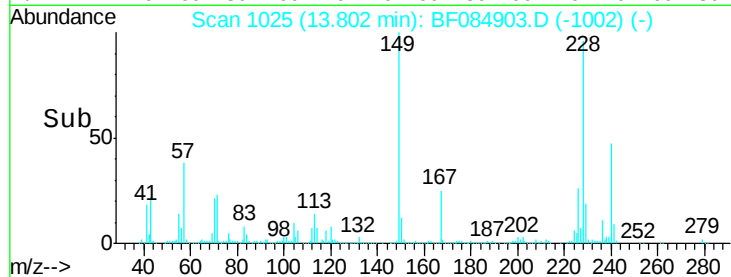
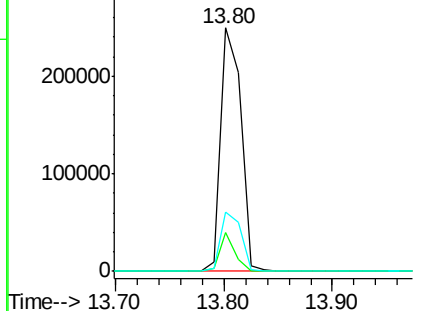
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.50 ng

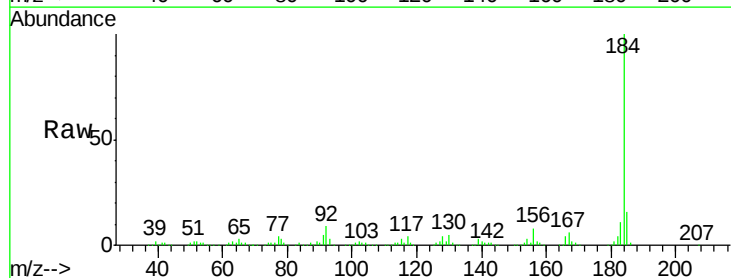
RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

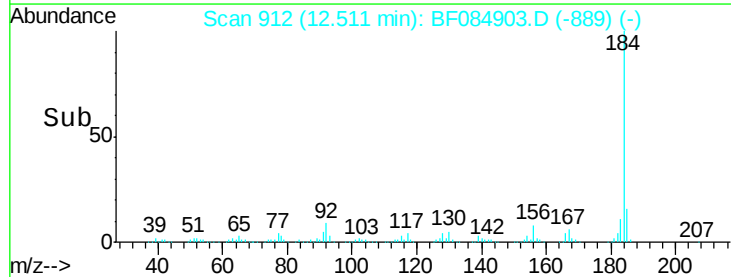
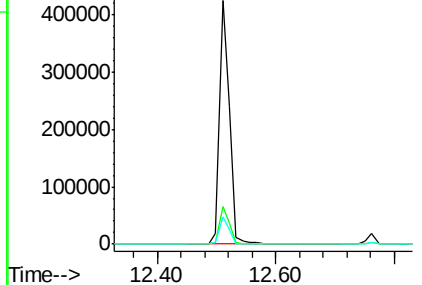
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	11.4	9.8	14.8

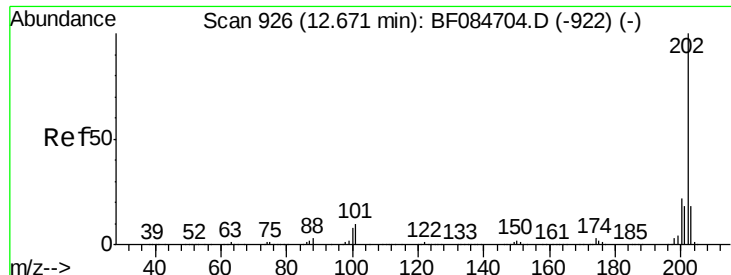


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





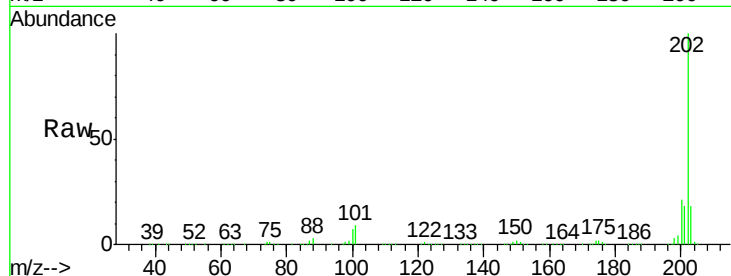
#77
Pvrene
Concen: 43.48 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

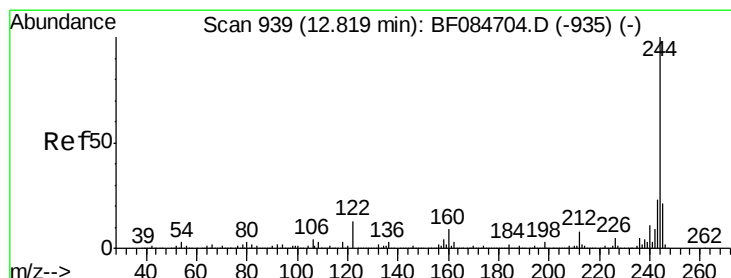
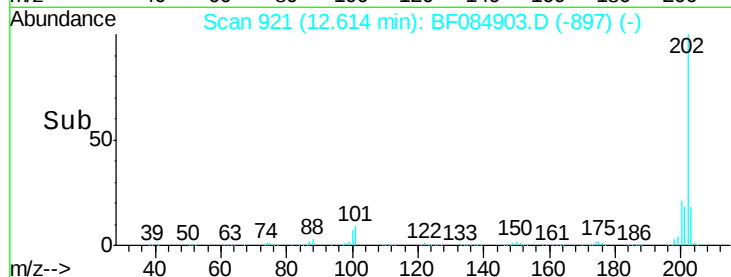
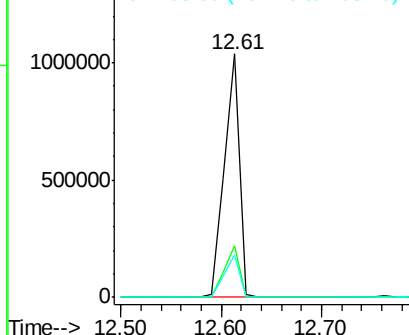
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.7	14.3	21.5

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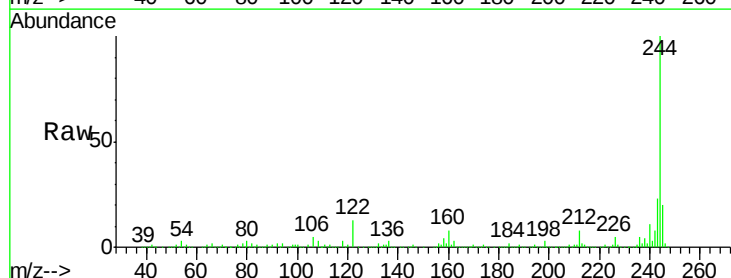


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

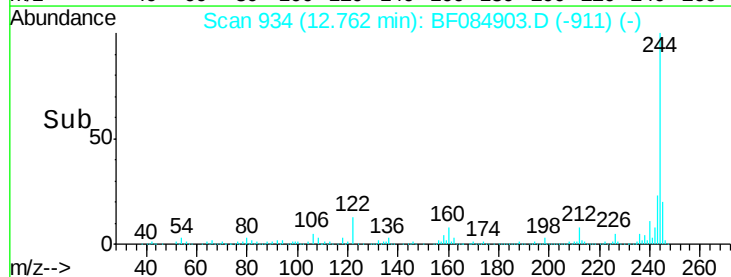
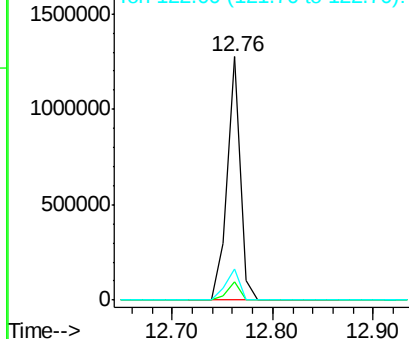


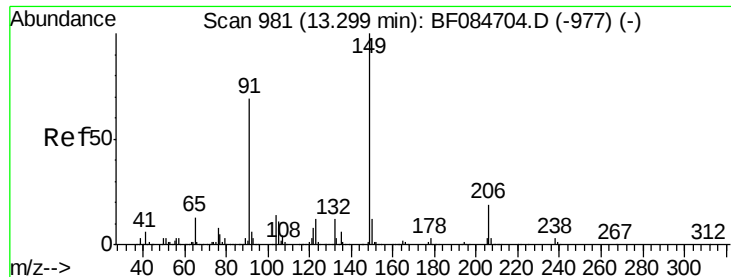
#78
Terphenyl-d14
Concen: 80.82 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	12.9	7.4	11.0#



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





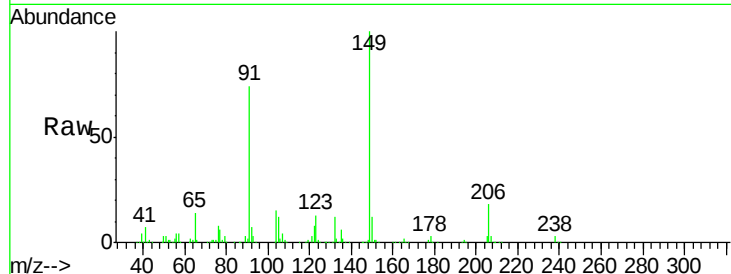
#79
Butylbenzylphthalate
Concen: 41.24 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

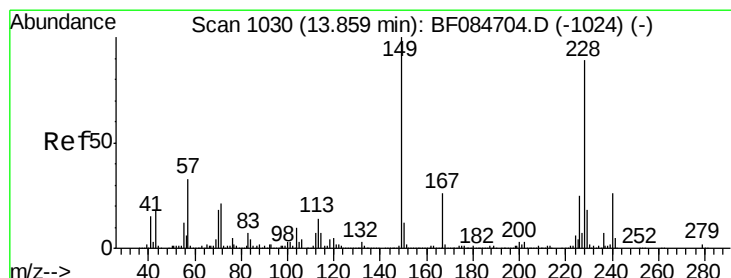
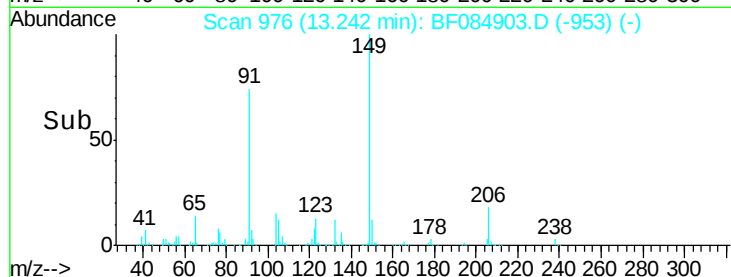
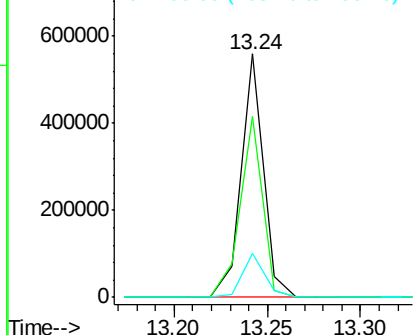
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	57.6	86.4
206	17.8	13.2	19.8

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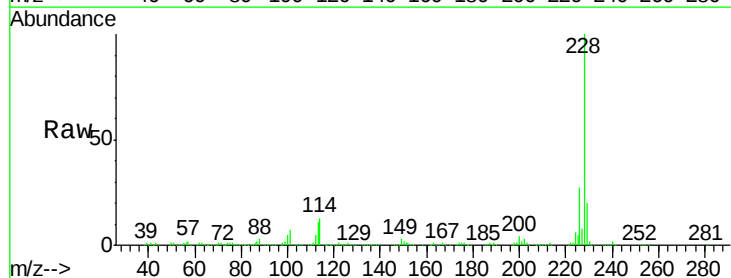


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

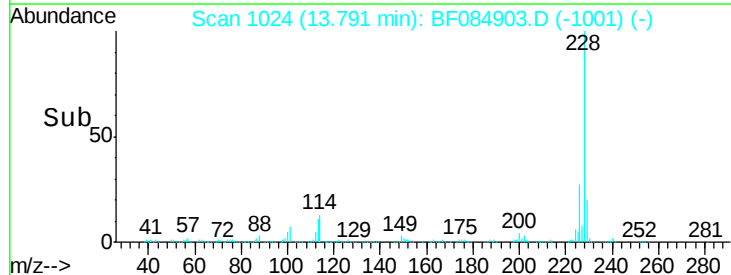
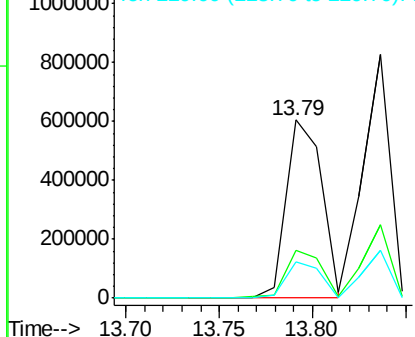


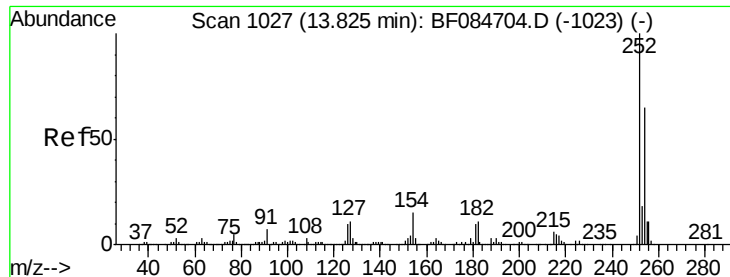
#80
Benzo(a)anthracene
Concen: 40.10 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	20.0	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





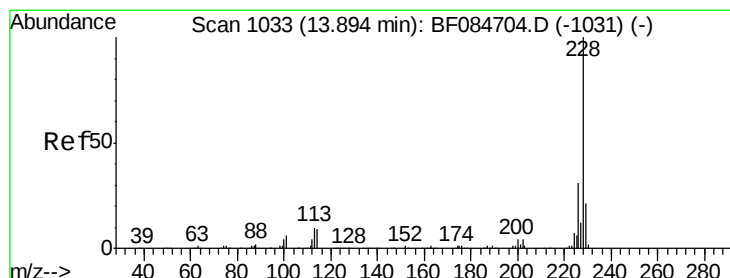
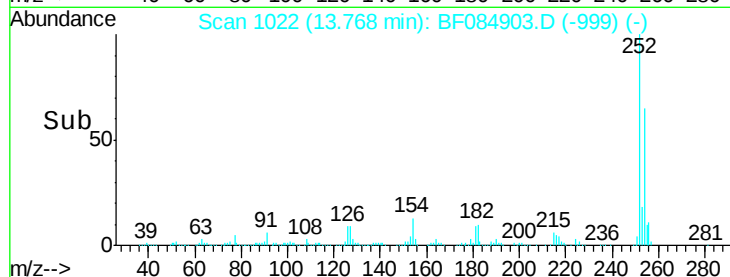
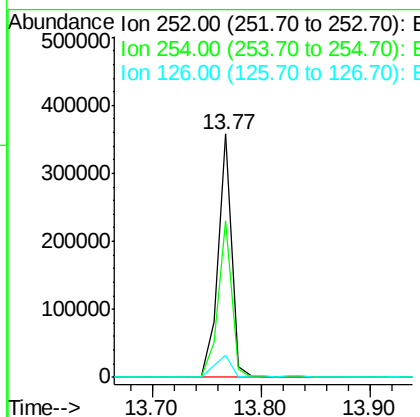
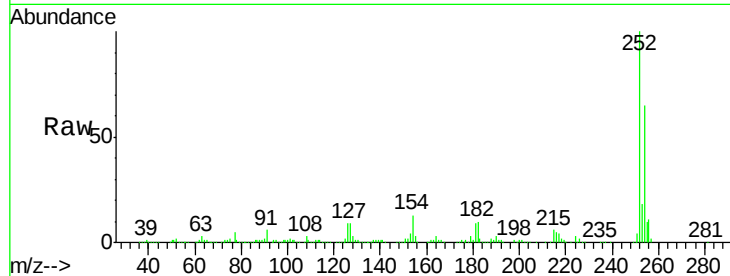
#81
 3,3'-Dichlorobenzidine
 Concen: 44.22 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	53.5	80.3
126	9.2	4.9	7.3

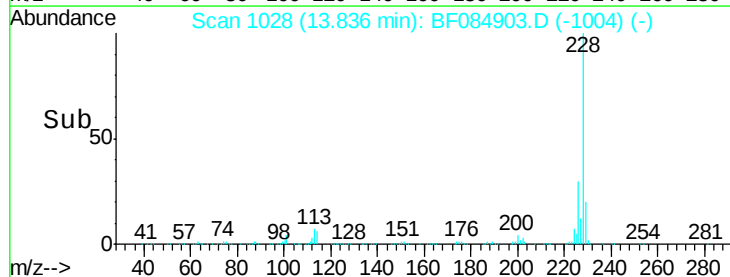
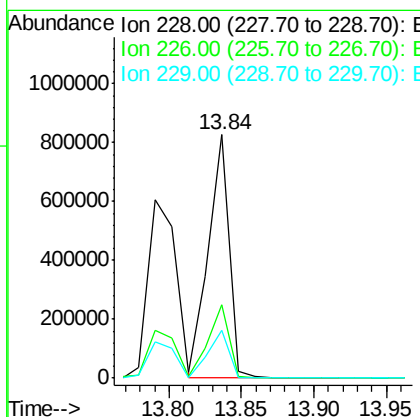
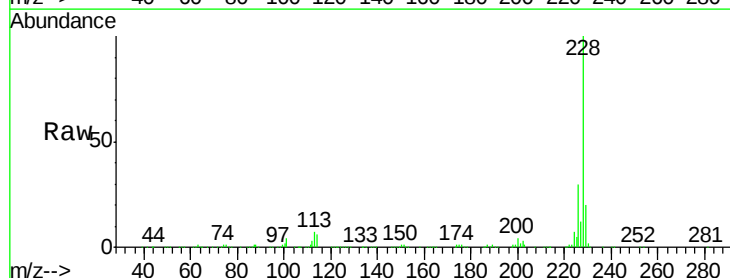
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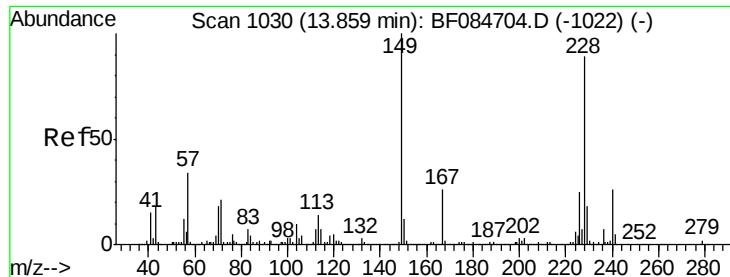
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#82
 Chrysene
 Concen: 42.23 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.8	16.1	24.1





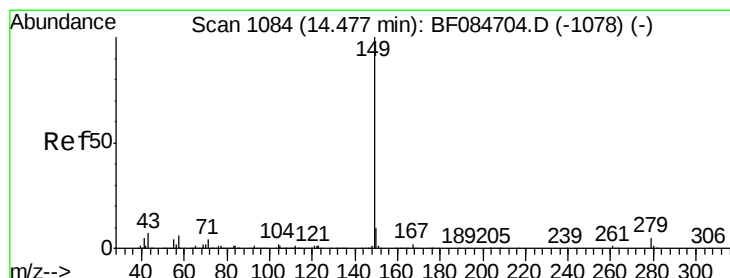
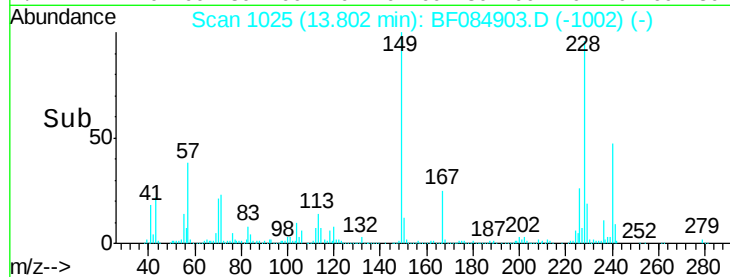
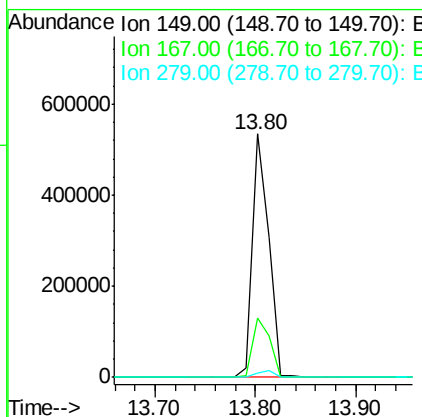
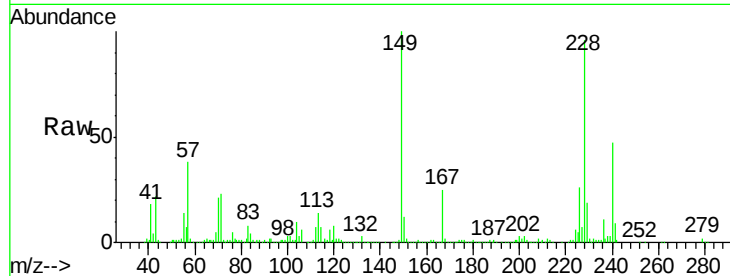
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.76 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	599310		
167	24.6	19.7	29.5	
279	1.9	1.8	2.6	

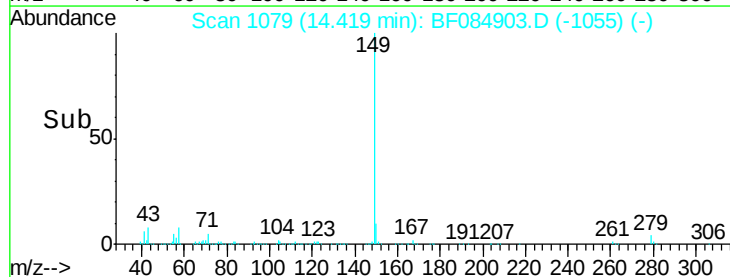
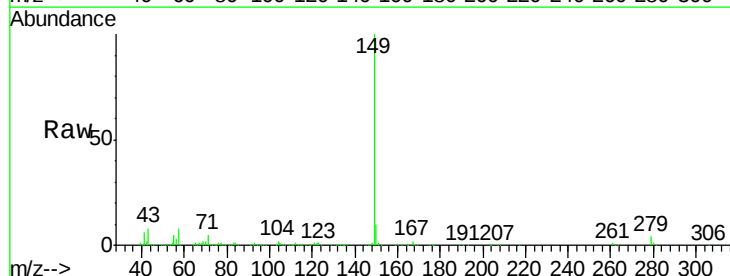
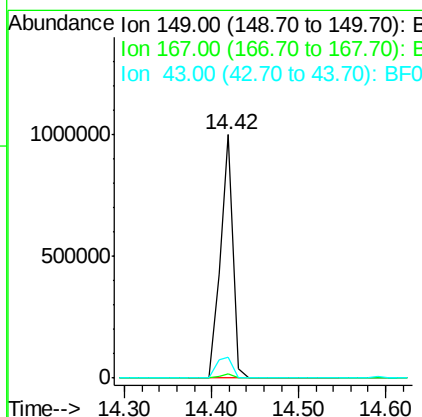
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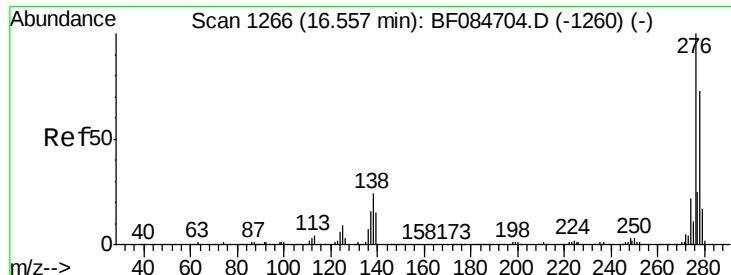
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#84
 Di-n-octyl phthalate
 Concen: 43.71 ng
 RT: 14.42 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF084903.D
 Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1010822		
167	1.5	1.2	1.8	
43	11.1	5.6	8.4	





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.32 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.05 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 819088

Ion Ratio Lower Upper

276 100

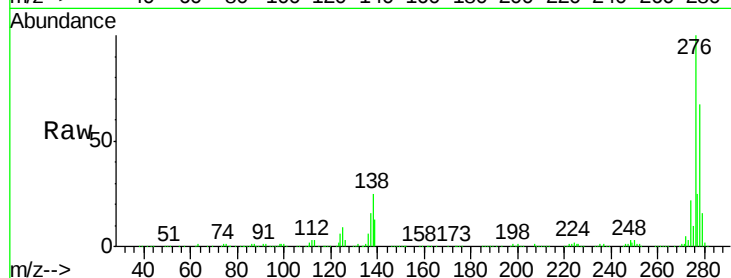
138 25.0 20.6 30.8

277 24.5 20.1 30.1

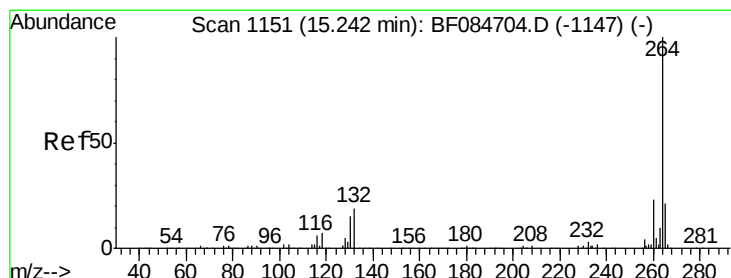
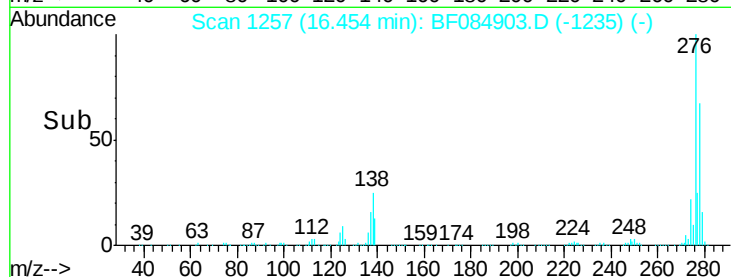
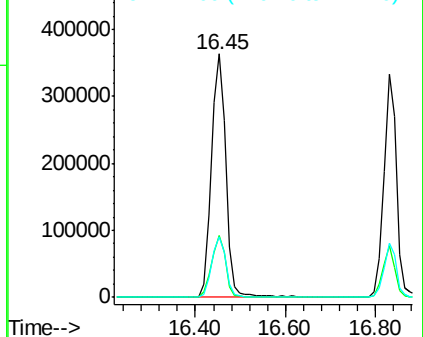
Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

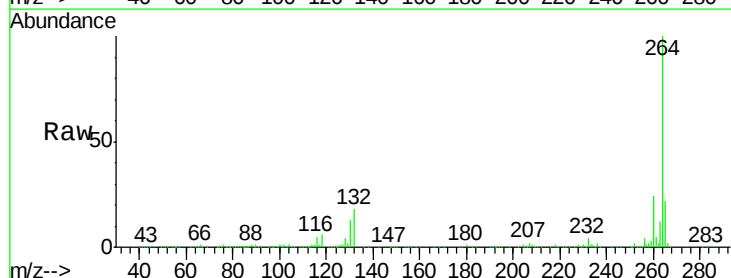
Tgt Ion:264 Resp: 344488

Ion Ratio Lower Upper

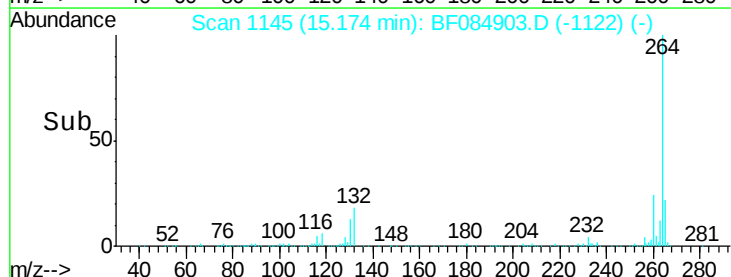
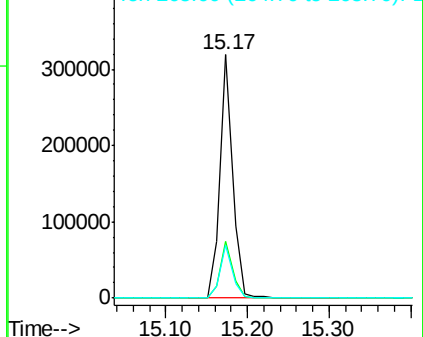
264 100

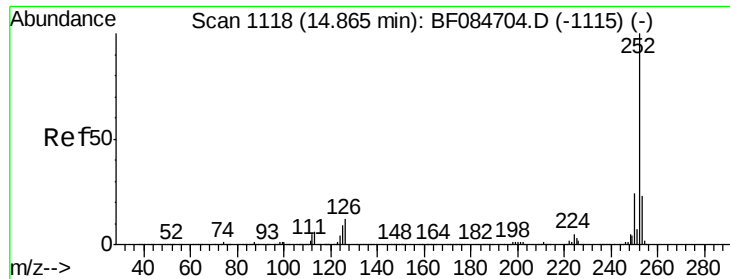
260 23.5 19.4 29.2

265 21.5 17.8 26.6



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





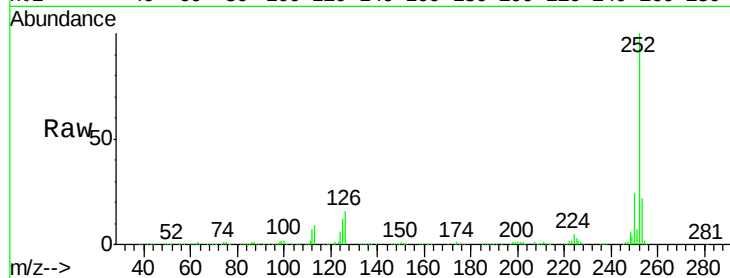
#87
Benzo(b)fluoranthene
Concen: 43.37 ng m
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

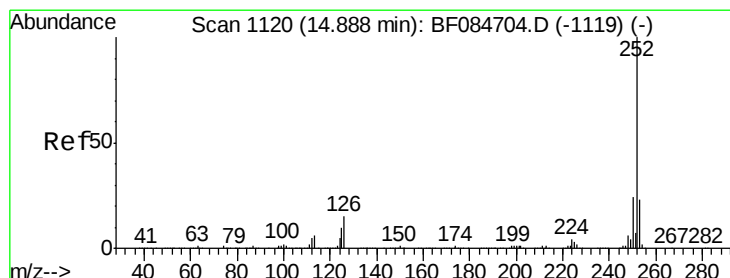
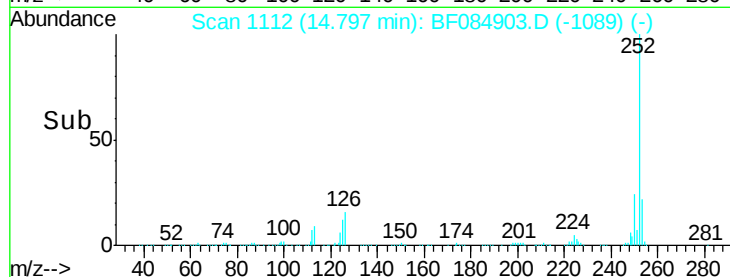
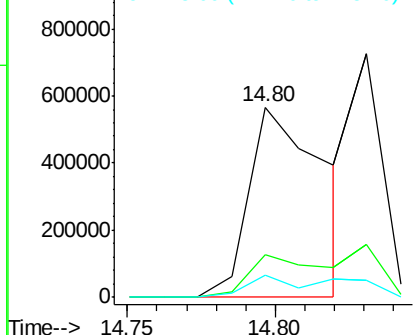
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.9	6.5	9.7

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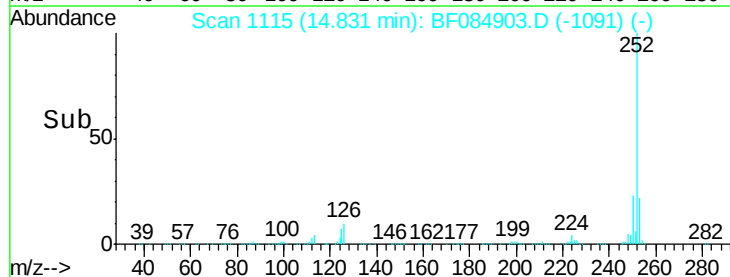
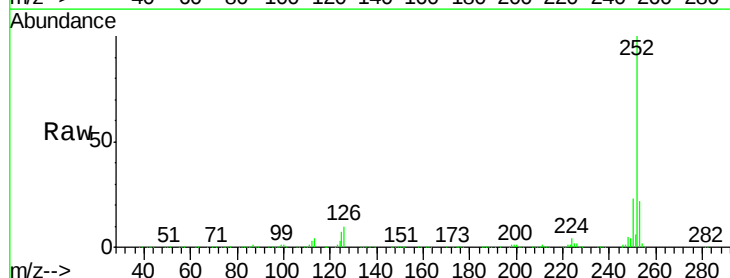
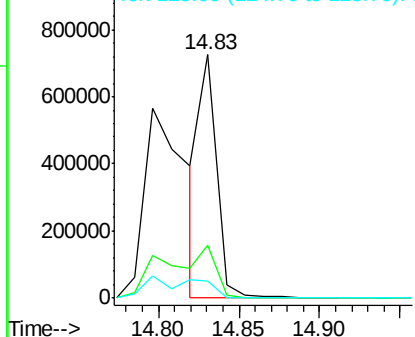
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

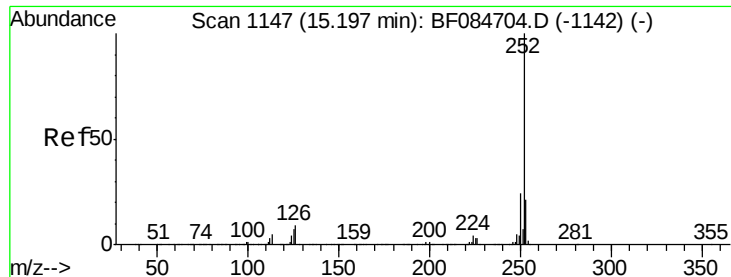


#88
Benzo(k)fluoranthene
Concen: 28.41 ng m
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084903.D
Acq: 6 Feb 2016 11:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	6.8	9.0	13.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.36 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.03 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

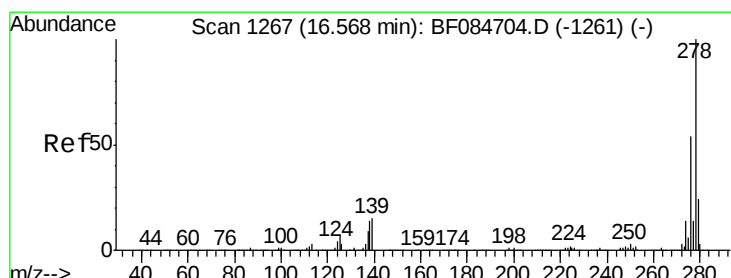
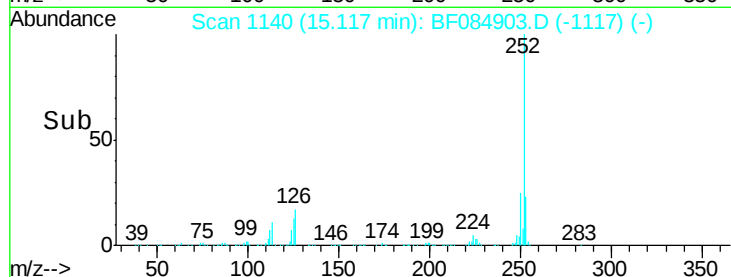
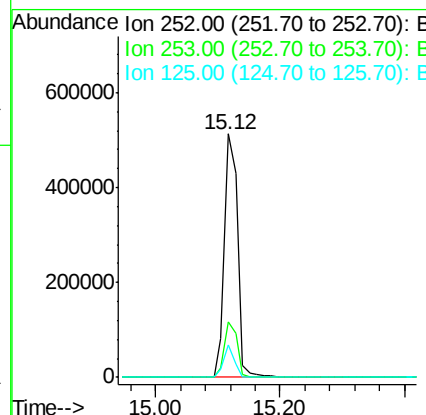
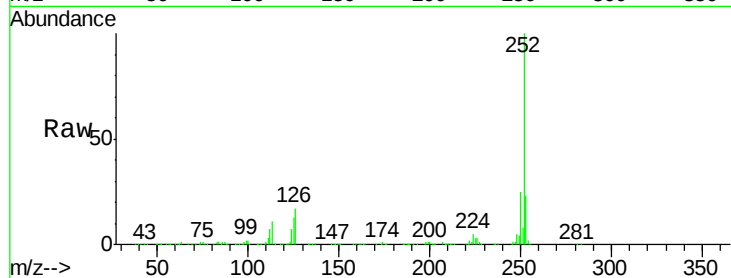
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	736779
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	13.4	7.0	10.4#

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:04:31 PM



#90

Dibenzo(a,h)anthracene

Concen: 40.97 ng

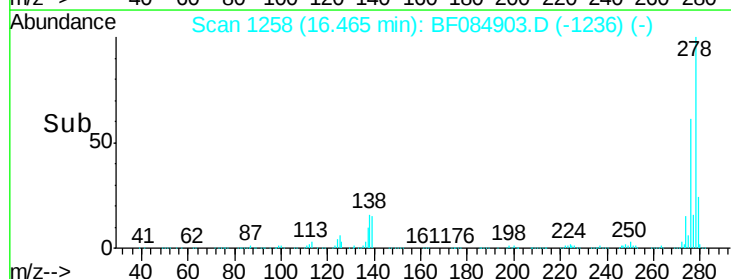
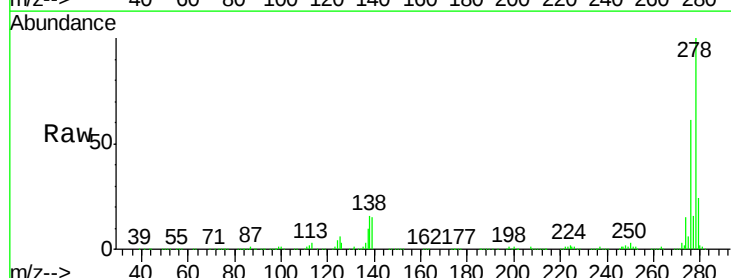
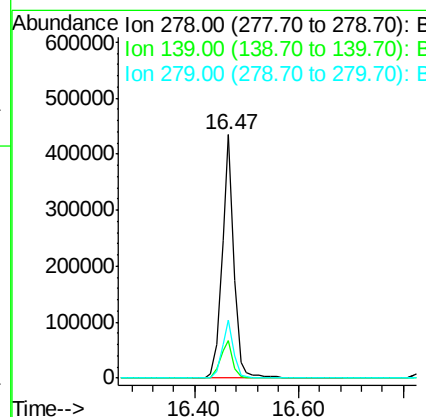
RT: 16.47 min Scan# 1258

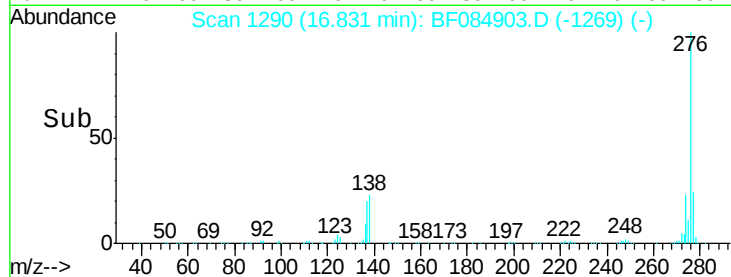
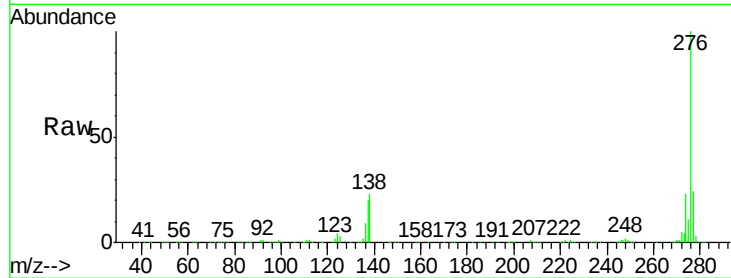
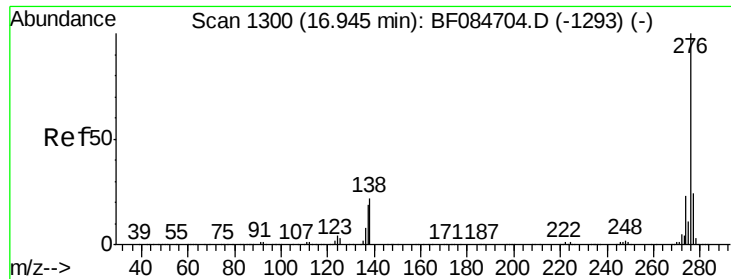
Delta R.T. -0.05 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Tgt Ion:	278	Resp:	680166
Ion Ratio	Lower	Upper	
278	100		
139	15.3	15.0	22.4
279	23.7	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 39.63 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF084903.D

Acq: 6 Feb 2016 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	276	Resp:	662724
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.8	28.2
138	23.2	17.8	26.6

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:04:31 PM

