

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
 Data File : BF084317.D
 Acq On : 8 Jan 2016 00:02
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 1/8/2016 10:43:02 AM

Quant Time: Jan 08 01:28:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	325567	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1300582	20.00	ng	-0.03
38) Acenaphthene-d10	9.92	164	608455	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	1080006	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	858417	20.00	ng	-0.03
86) Perylene-d12	15.46	264	726417	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1432278	71.16	ng	-0.02
7) Phenol-d6	6.52	99	2025374	80.12	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1937234	82.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	487107	79.30	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	2934189	84.82	ng	-0.02
78) Terphenyl-d14	12.98	244	2406753	62.58	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	374050	39.23	ng	# 76
3) Pyridine	3.17	79	1077878	40.55	ng	# 71
4) n-Nitrosodimethylamine	3.14	42	535346	39.23	ng	# 81
6) Aniline	6.53	93	1311662	35.47	ng	# 45
8) 2-Chlorophenol	6.66	128	920044	40.29	ng	94
9) Benzaldehyde	6.42	77	640479	38.91	ng	97
10) Phenol	6.53	94	1222357	42.53	ng	77
11) bis(2-Chloroethyl)ether	6.61	93	943473	42.37	ng	86
12) 1,3-Dichlorobenzene	6.81	146	880562m	37.38	ng	
13) 1,4-Dichlorobenzene	6.89	146	926675	39.23	ng	97
14) 1,2-Dichlorobenzene	7.05	146	867924	38.36	ng	96
15) Benzyl Alcohol	7.02	79	838680	39.44	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1472457	36.32	ng	86
17) 2-Methylphenol	7.14	107	750507	39.21	ng	95
18) Hexachloroethane	7.38	117	372937	39.48	ng	# 88
19) n-Nitroso-di-n-propylamine	7.30	70	671668	39.25	ng	# 74
20) 3+4-Methylphenols	7.30	107	864610	38.43	ng	# 85
22) Acetophenone	7.29	105	1182585	37.81	ng	# 90
24) Nitrobenzene	7.46	77	863073	36.41	ng	95
25) Isophorone	7.70	82	1741271	38.96	ng	98
26) 2-Nitrophenol	7.78	139	518151	48.03	ng	97
27) 2,4-Dimethylphenol	7.82	122	908998	41.63	ng	91
28) bis(2-Chloroethoxy)methane	7.92	93	1163235	42.61	ng	96
29) 2,4-Dichlorophenol	8.02	162	685617	37.70	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	761648	40.56	ng	97
31) Naphthalene	8.18	128	2173553	36.84	ng	98
32) Benzoic acid	7.95	122	405693	31.37	ng	98
33) 4-Chloroaniline	8.24	127	1193922	44.13	ng	95
34) Hexachlorobutadiene	8.30	225	438404	40.62	ng	96
35) Caprolactam	8.61	113	242797	39.60	ng	# 46
36) 4-Chloro-3-methylphenol	8.72	107	735522	36.10	ng	93
37) 2-Methylnaphthalene	8.88	142	1654355	39.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	699879	40.01	ng	98
40) Hexachlorocyclopentadiene	9.02	237	432365	40.95	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	475617	36.34	nq	94
43) 2,4,5-Trichlorophenol	9.20	196	520985	41.53	nq	95
45) 1,1'-Biphenyl	9.33	154	1743458	36.05	nq	98
46) 2-Chloronaphthalene	9.36	162	1380428	36.34	nq	97
47) 2-Nitroaniline	9.46	65	571012	45.55	nq	95
48) Acenaphthylene	9.78	152	2312868	41.21	nq	97
49) Dimethylphthalate	9.64	163	1595689	36.68	nq	# 89
50) 2,6-Dinitrotoluene	9.70	165	345686	36.23	nq	# 49
51) Acenaphthene	9.95	154	1599023	42.48	nq	98
52) 3-Nitroaniline	9.87	138	409331	34.63	nq	95
53) 2,4-Dinitrophenol	9.97	184	172808	44.19	nq	89
54) Dibenzofuran	10.12	168	2089076	42.70	nq	97
55) 4-Nitrophenol	10.04	139	381206	44.42	nq	91
56) 2,4-Dinitrotoluene	10.10	165	463378	38.38	nq	# 82
57) Fluorene	10.46	166	1556942	41.09	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	401364	37.47	nq	95
59) Diethylphthalate	10.34	149	1658768	38.68	nq	97
60) 4-Chlorophenyl-phenylether	10.45	204	705665	44.23	nq	96
61) 4-Nitroaniline	10.49	138	430401	40.84	nq	93
62) Azobenzene	10.61	77	1845701	39.24	nq	90
64) 4,6-Dinitro-2-methylphenol	10.51	198	251568	38.14	nq	89
65) n-Nitrosodiphenylamine	10.58	169	1458552	42.24	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	507309	43.64	nq	# 93
67) Hexachlorobenzene	11.00	284	471935	36.07	nq	# 78
68) Atrazine	11.10	200	455816	40.34	nq	99
69) Pentachlorophenol	11.20	266	229149	33.78	nq	98
70) Phenanthrene	11.42	178	2415481	42.76	nq	96
71) Anthracene	11.47	178	2075605	37.48	nq	96
72) Carbazole	11.63	167	2130352	39.35	nq	97
73) Di-n-butylphthalate	11.96	149	2468686	42.22	nq	# 95
74) Fluoranthene	12.60	202	2155834	36.53	nq	97
76) Benzidine	12.73	184	1044570	33.94	nq	99
77) Pyrene	12.83	202	2250712	33.41	nq	97
79) Butylbenzylphthalate	13.46	149	1189915	40.82	nq	# 98
80) Benzo(a)anthracene	14.02	228	1828501	36.28	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	670912	38.14	nq	# 97
82) Chrysene	14.07	228	1813969	37.45	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1468313	39.87	nq	# 95
84) Di-n-octyl phthalate	14.63	149	2411719	38.79	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.87	276	1698995	44.25	nq	100
87) Benzo(b)fluoranthene	15.05	252	1651829m	34.76	nq	
88) Benzo(k)fluoranthene	15.08	252	1730717m	44.53	nq	
89) Benzo(a)pyrene	15.40	252	1592604	39.51	nq	# 96
90) Dibenzo(a,h)anthracene	16.89	278	1396716	40.27	nq	# 95
91) Benzo(g,h,i)perylene	17.29	276	1430088	39.82	nq	98

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

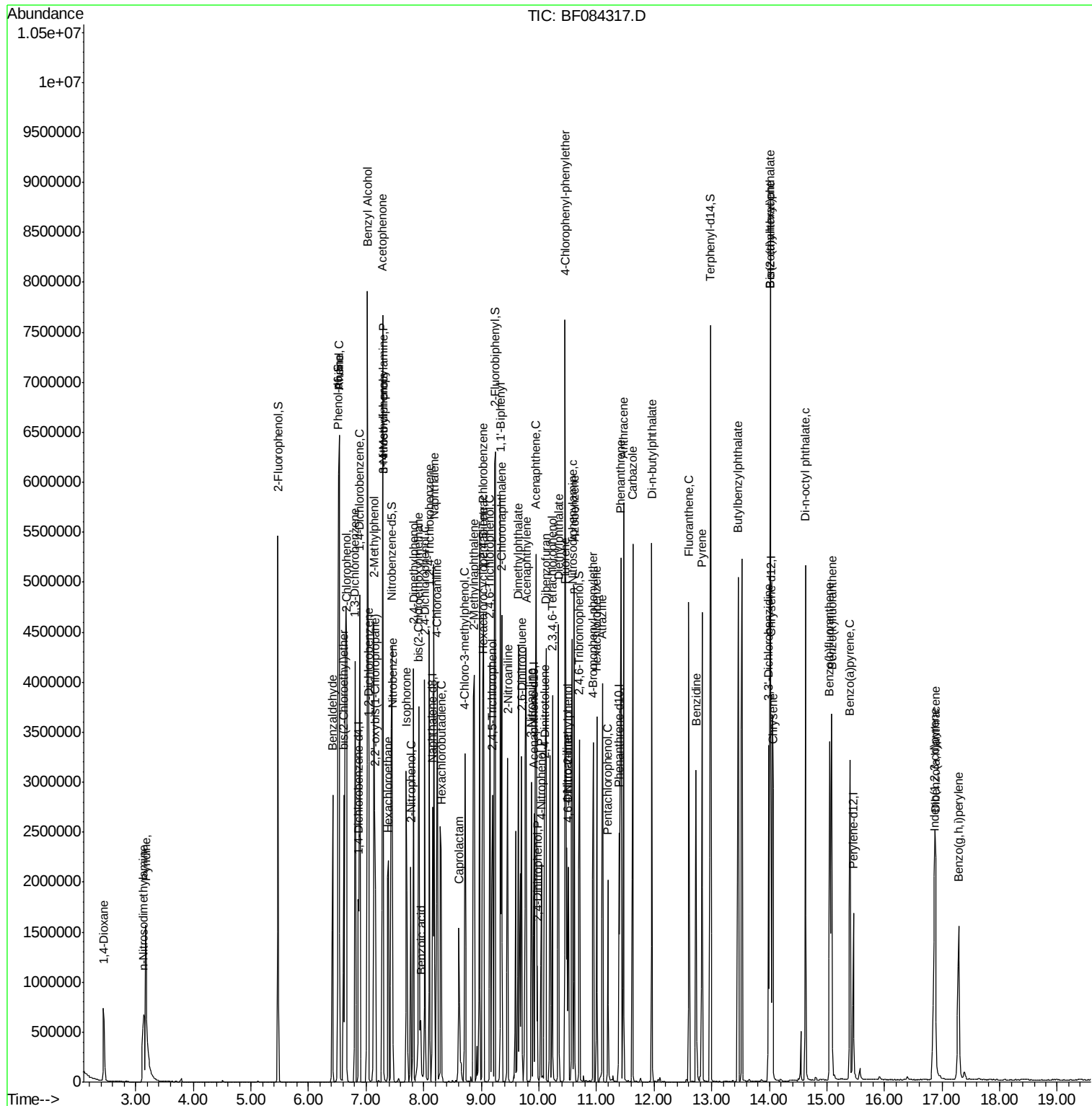
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\  
Data File : BF084317.D  
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Operator  : SJ/UM  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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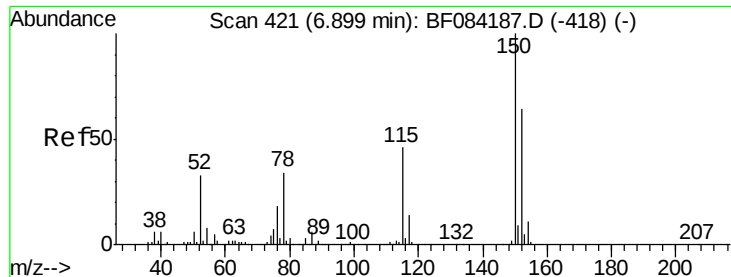
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

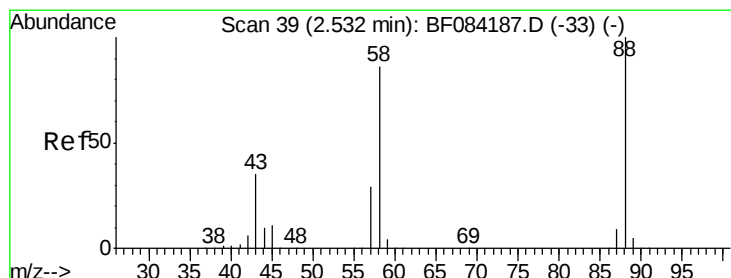
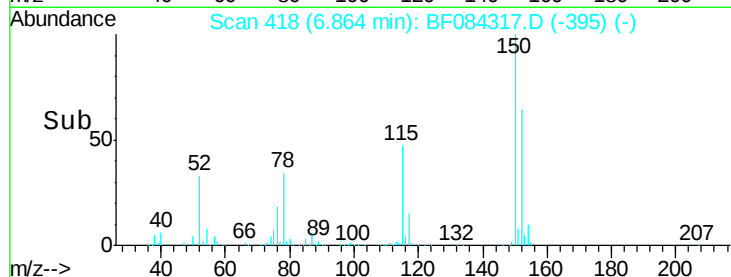
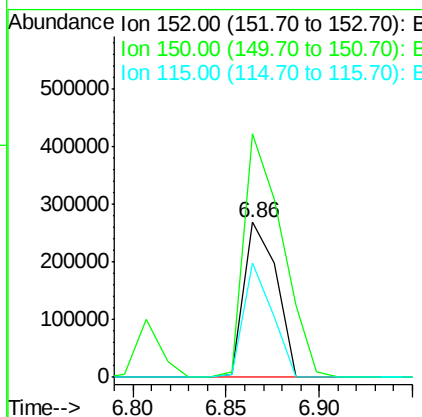
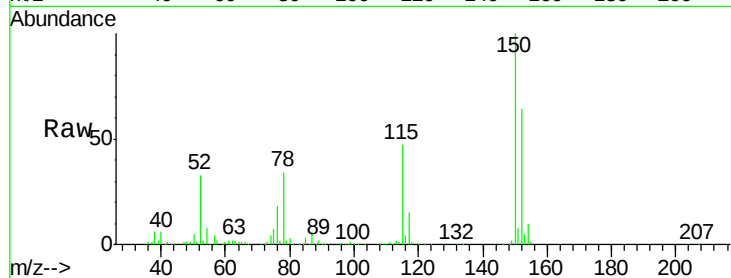
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	325567
Ion Ratio	Lower	Upper	
152	100		
150	157.1	123.0	184.4
115	73.6	51.4	77.2

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#2

1,4-Dioxane

Concen: 39.23 ng

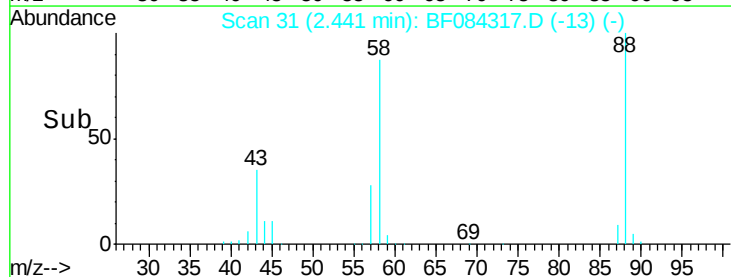
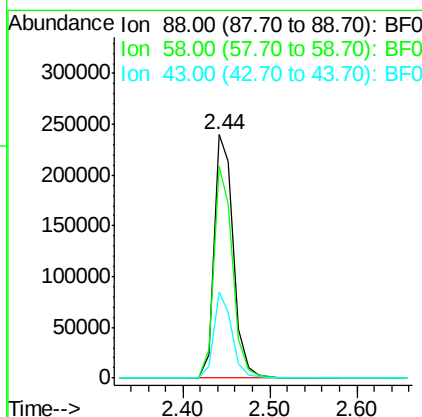
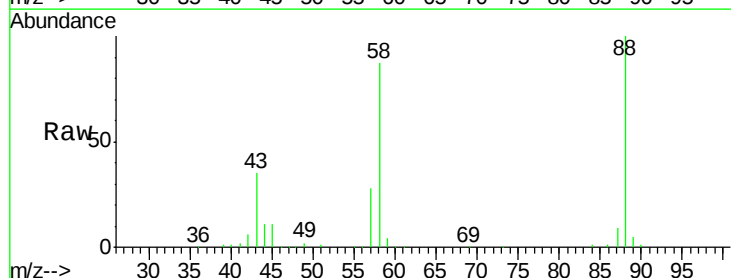
RT: 2.44 min Scan# 31

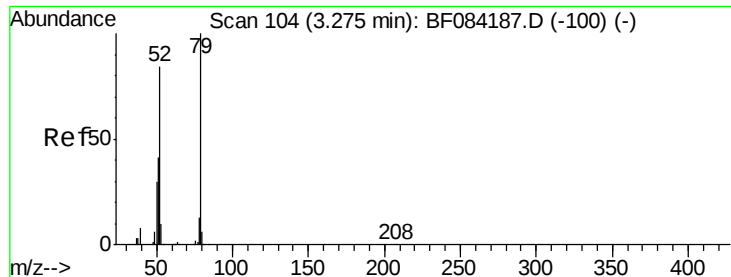
Delta R.T. -0.09 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Tgt Ion:	88	Resp:	374050
Ion Ratio	Lower	Upper	
88	100		
58	84.3	51.2	76.8#
43	33.4	19.5	29.3#





#3

Pvridine

Concen: 40.55 ng

RT: 3.17 min Scan# 95

Delta R.T. -0.10 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1077878

Ion Ratio Lower Upper

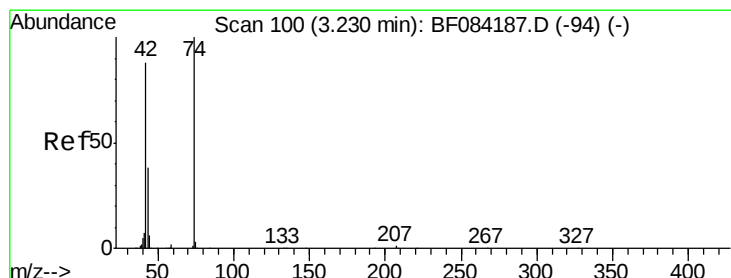
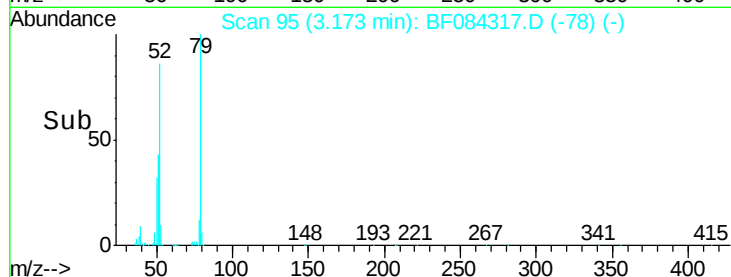
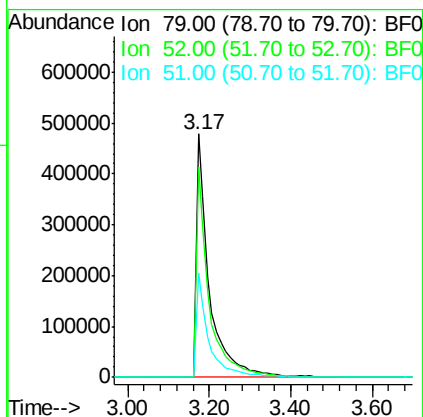
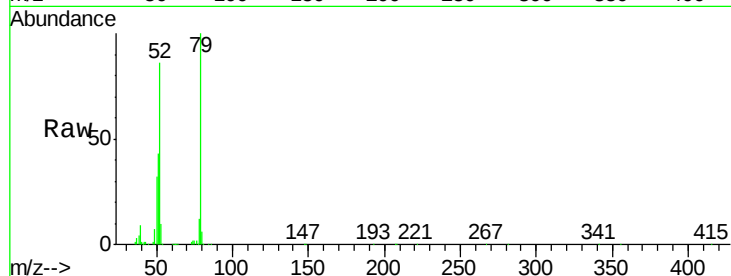
79 100

52 86.4 49.0 73.4#

51 42.7 25.2 37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.23 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.09 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

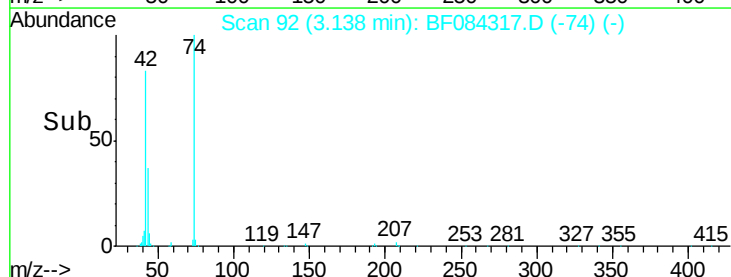
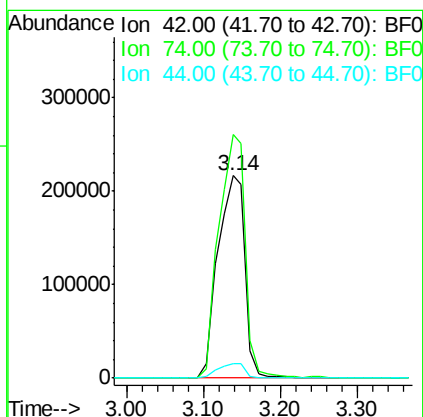
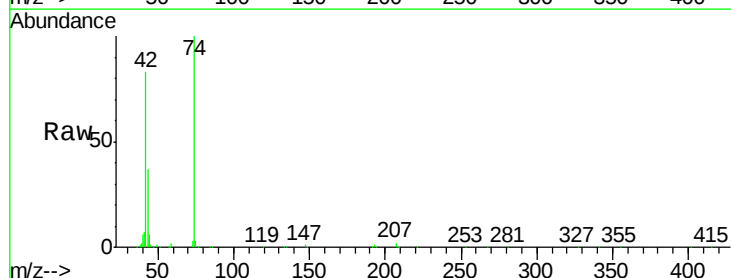
Tgt Ion: 42 Resp: 535346

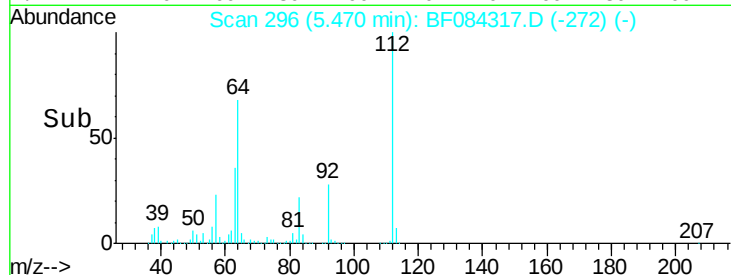
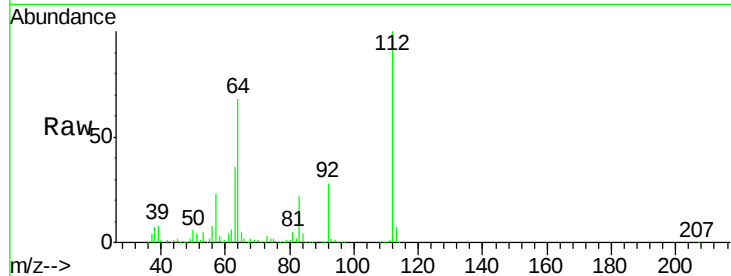
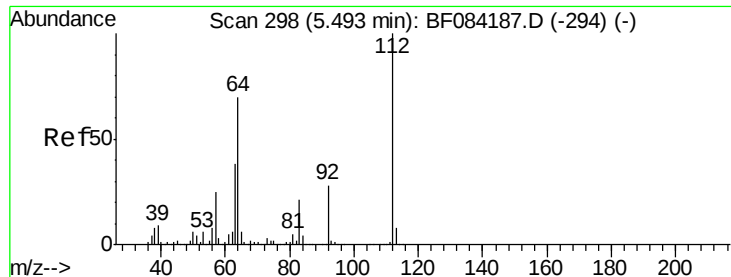
Ion Ratio Lower Upper

42 100

74 120.2 115.7 173.5

44 7.4 5.1 7.7





#5

2-Fluorophenol

Concen: 71.16 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1432278

Ion Ratio Lower Upper

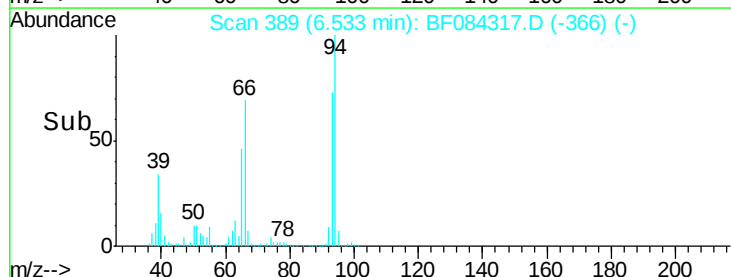
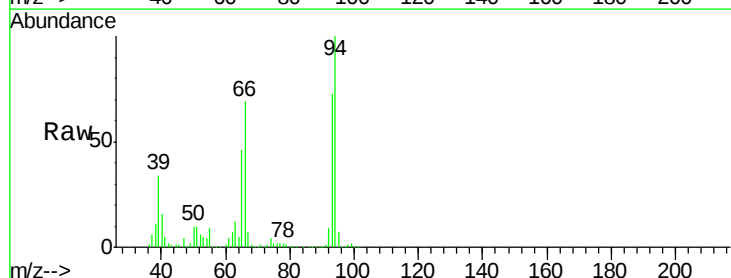
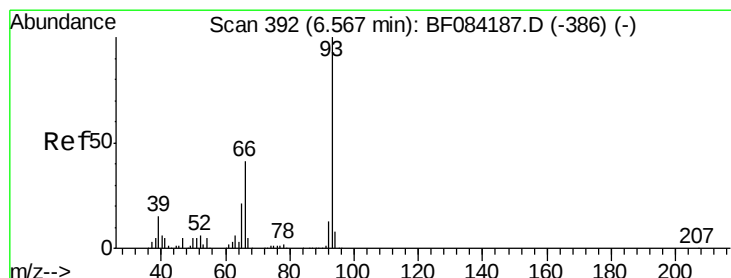
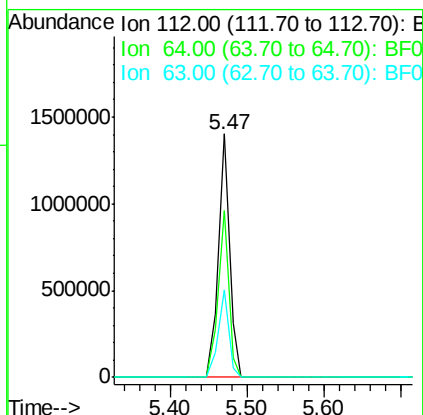
112 100

64 68.4 36.6 55.0#

63 36.2 19.4 29.0#

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#6

Aniline

Concen: 35.47 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

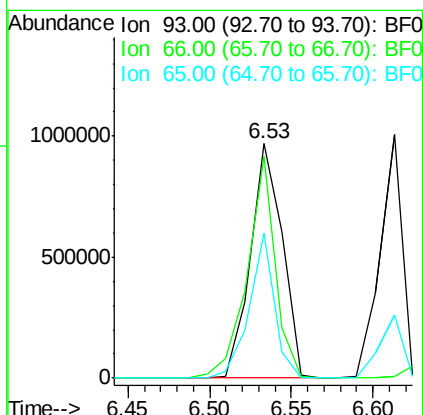
Tgt Ion: 93 Resp: 1311662

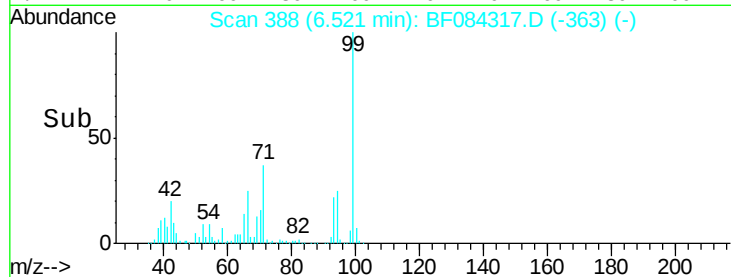
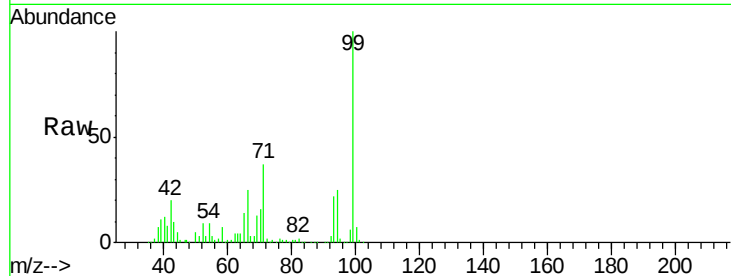
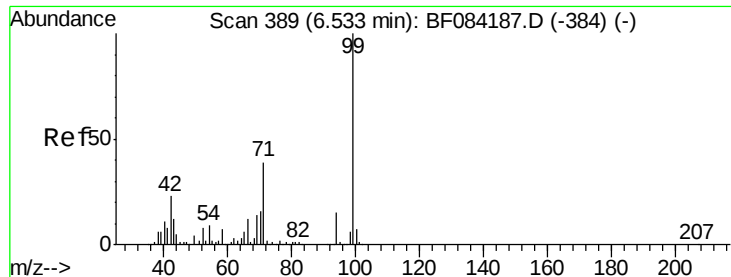
Ion Ratio Lower Upper

93 100

66 94.6 44.9 67.3#

65 62.0 23.7 35.5#





#7

Phenol-d6

Concen: 80.12 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Tot Ion: 99 Resp: 2025374

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

71 36.9 30.9 46.3

Instrument :

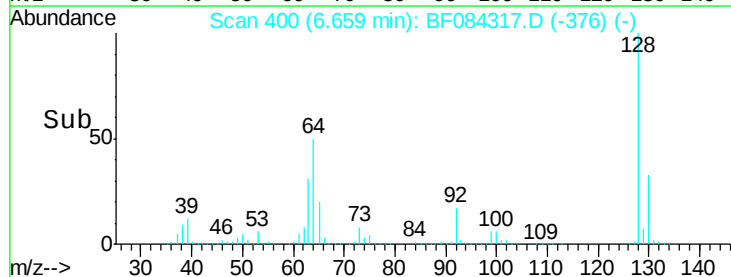
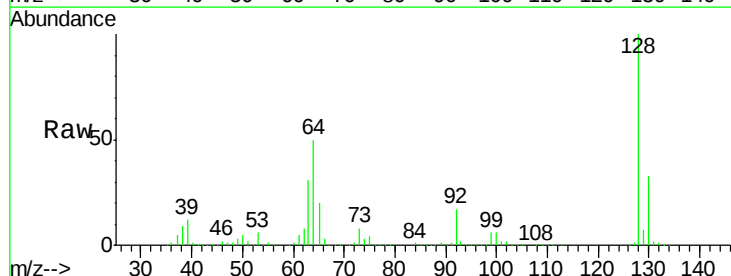
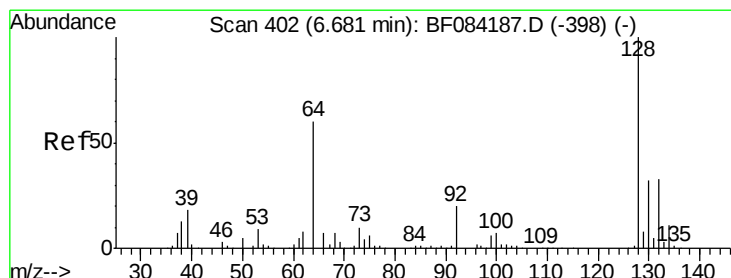
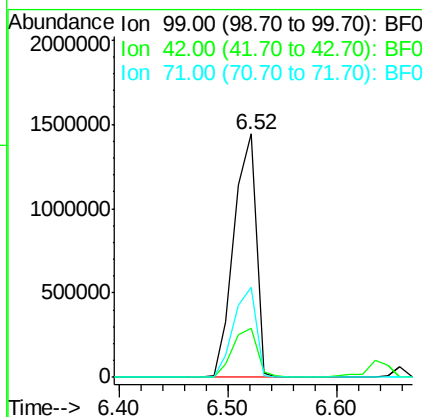
BNA_F

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#8

2-Chlorophenol

Concen: 40.29 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

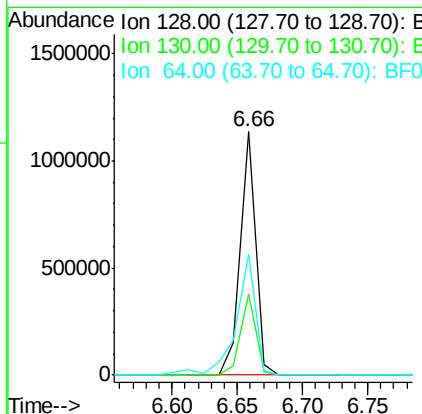
Tgt Ion:128 Resp: 920044

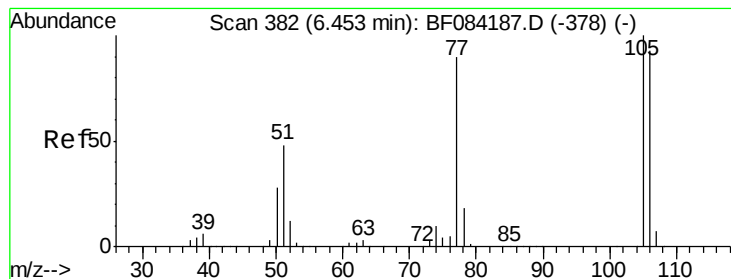
Ion Ratio Lower Upper

128 100

130 33.4 11.6 51.6

64 49.5 23.8 63.8





#9

Benzaldehyde

Concen: 38.91 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

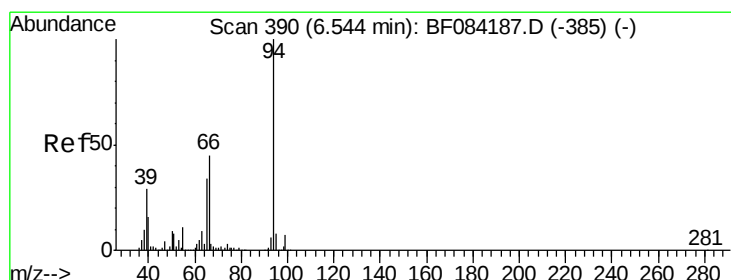
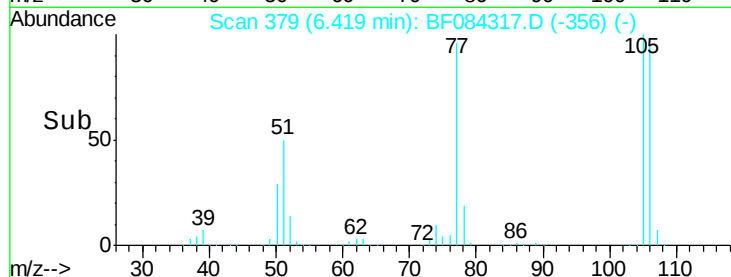
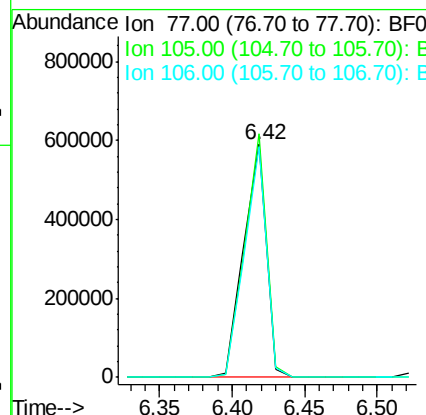
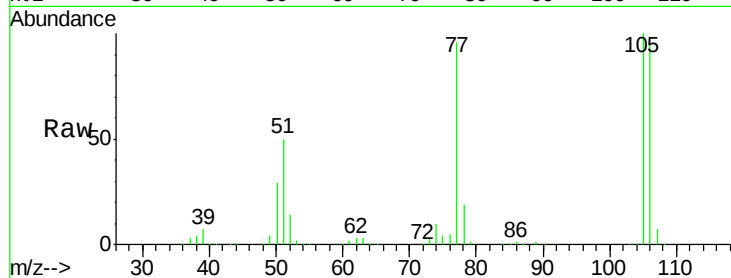
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	640479
Ion	Ratio	Lower	Upper
77	100		
105	104.4	83.0	123.0
106	98.7	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 42.53 ng

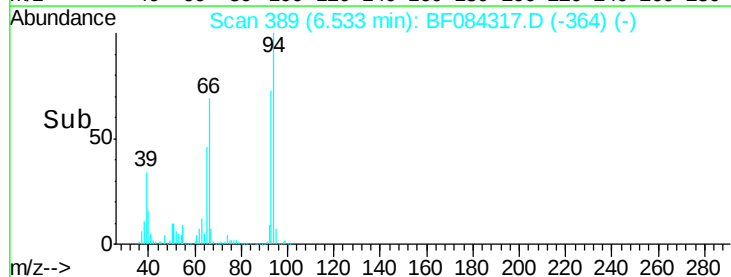
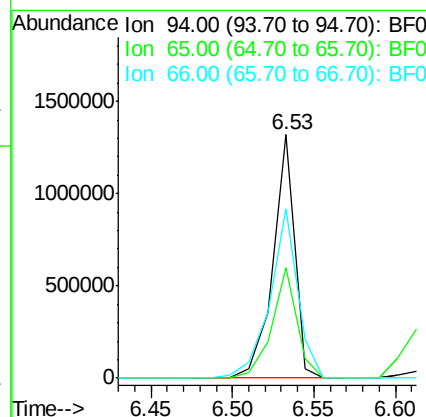
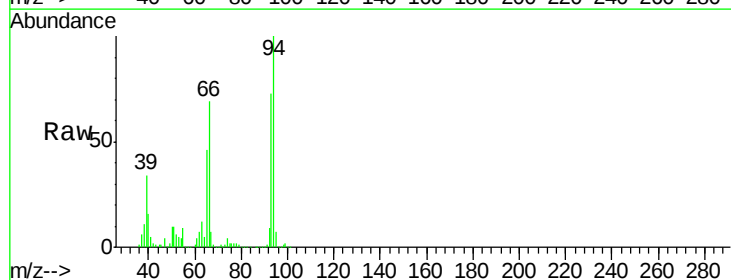
RT: 6.53 min Scan# 389

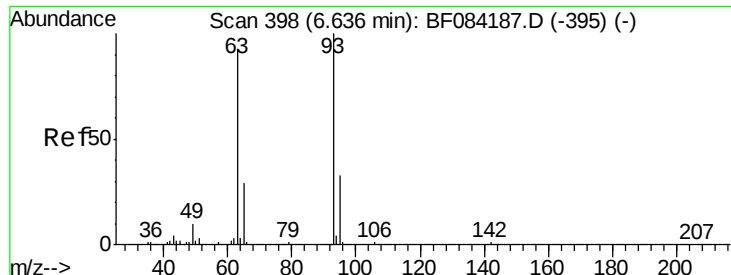
Delta R.T. -0.01 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Tgt Ion:	94	Resp:	1222357
Ion	Ratio	Lower	Upper
94	100		
65	45.5	12.9	52.9
66	69.5	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 42.37 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

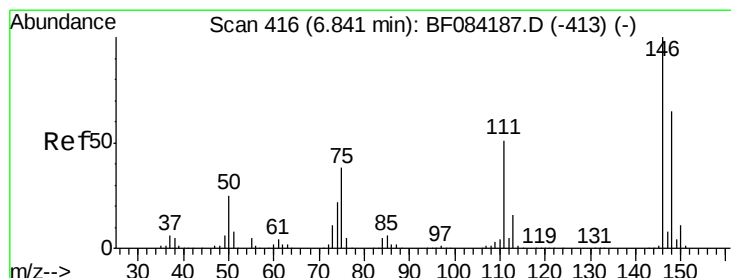
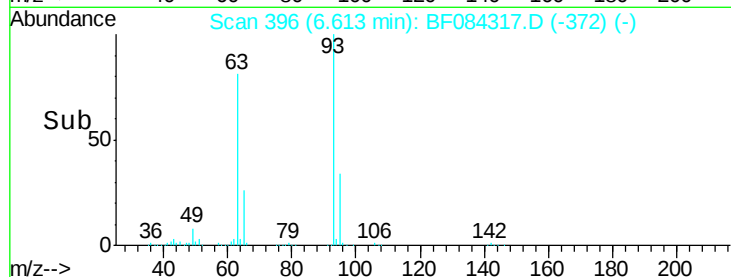
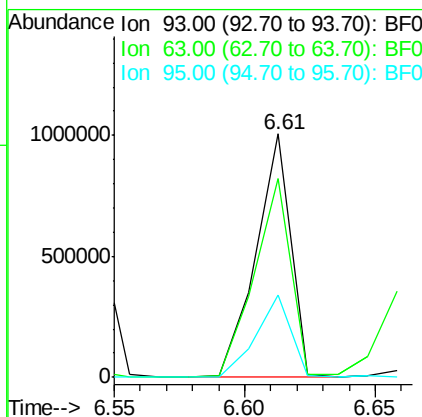
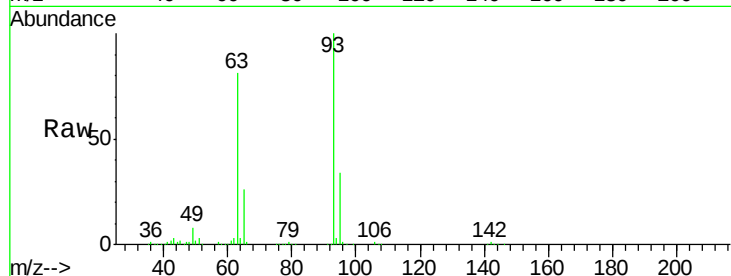
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	943473
Ion Ratio	Lower	Upper	
93	100		
63	81.4	45.9	85.9
95	33.9	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 37.38 ng m

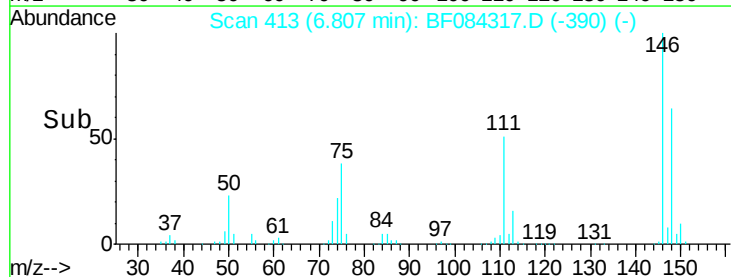
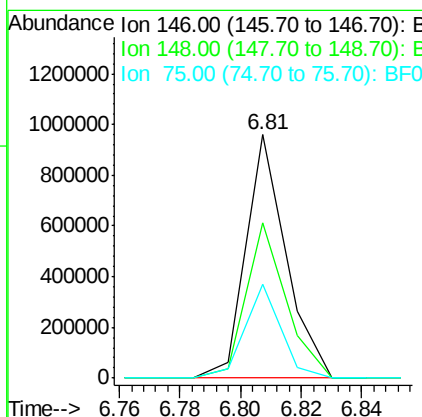
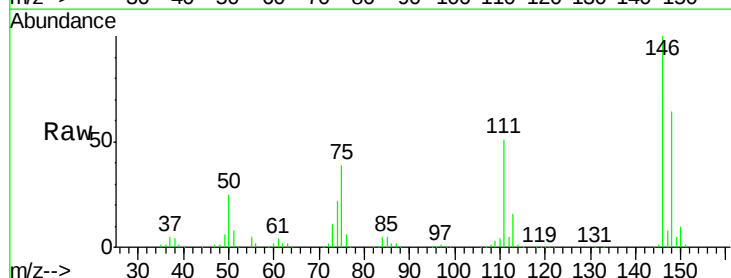
RT: 6.81 min Scan# 413

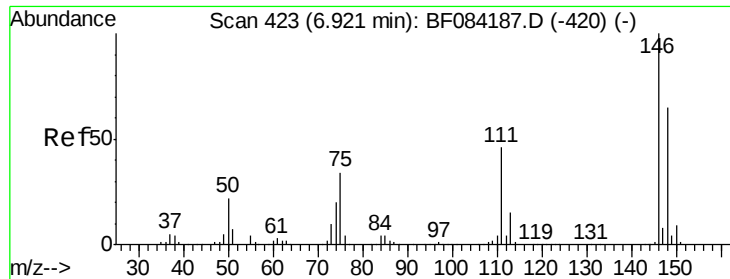
Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Tgt Ion:	146	Resp:	880562
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.9	77.9
75	38.7	20.5	30.7#





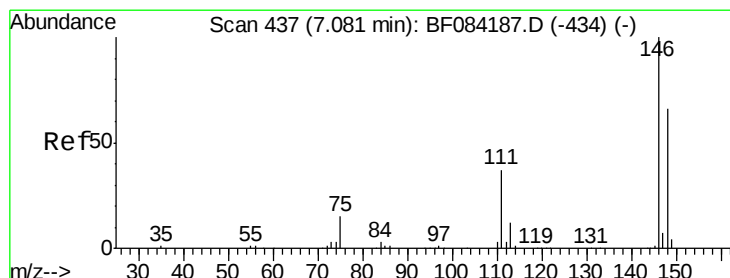
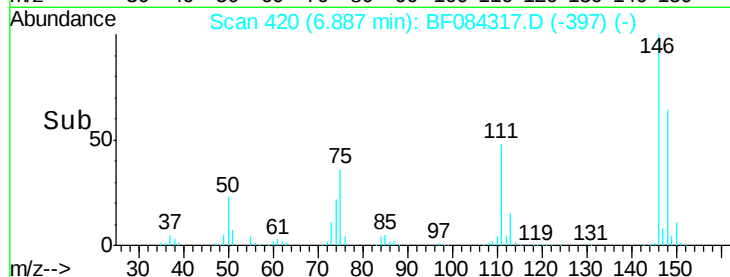
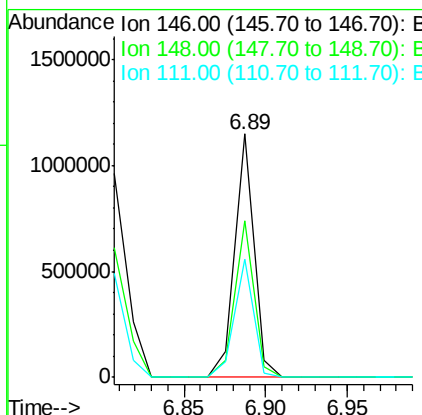
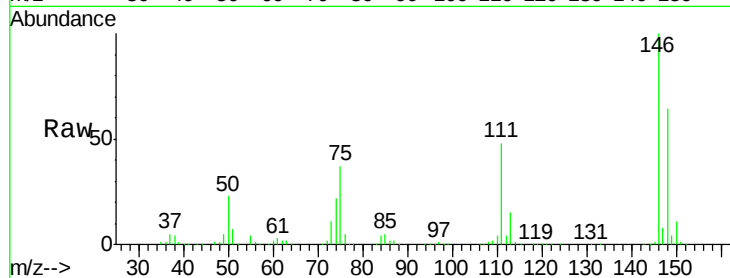
#13
 1,4-Dichlorobenzene
 Concen: 39.23 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	48.4	41.6	62.4

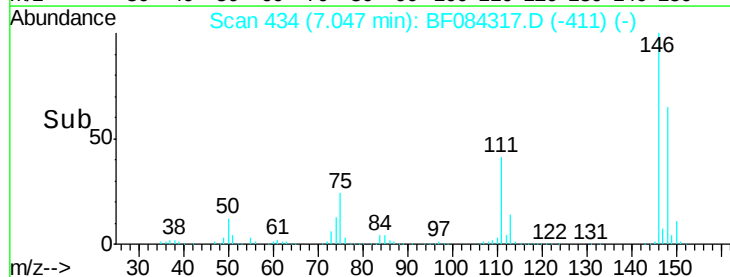
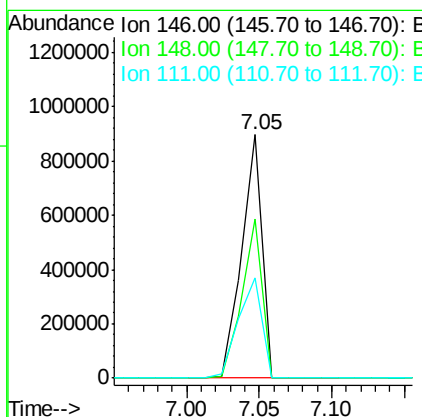
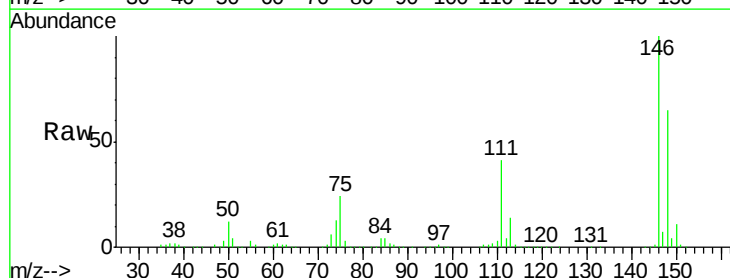
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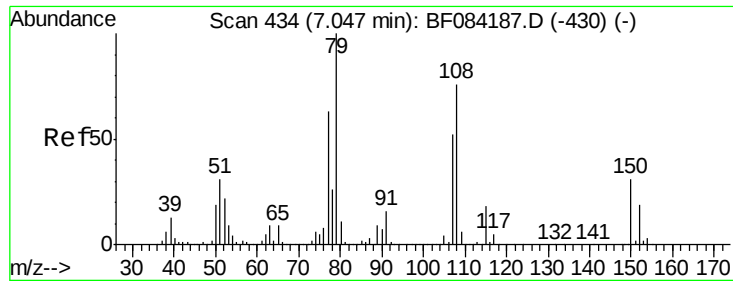
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#14
 1,2-Dichlorobenzene
 Concen: 38.36 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.6	77.4
111	41.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 39.44 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

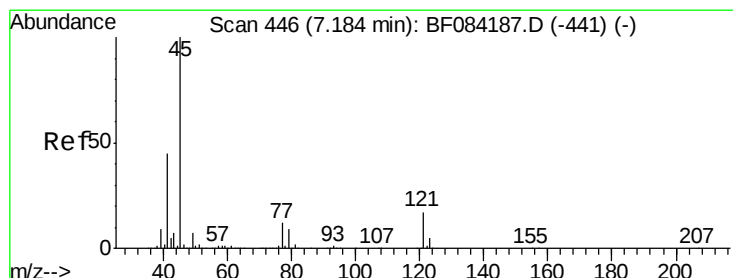
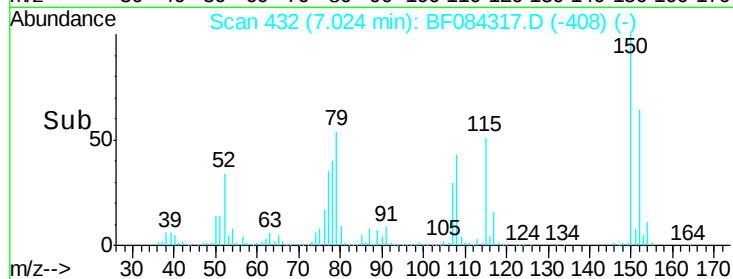
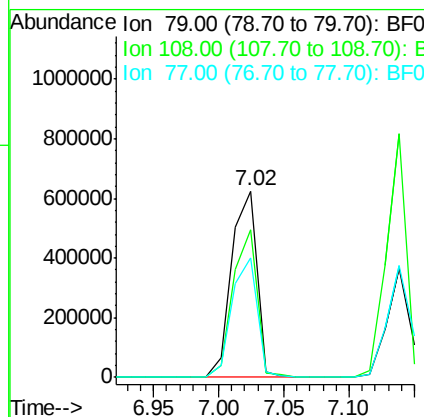
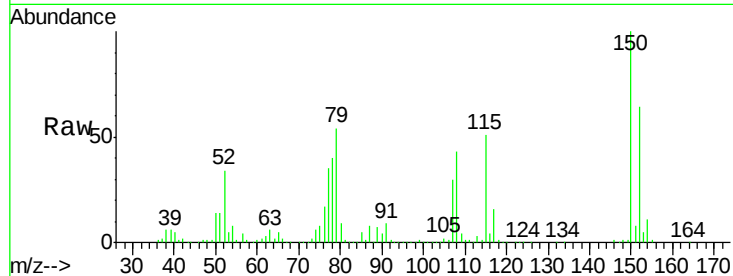
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	838680
Ion Ratio	Lower	Upper	
79	100		
108	79.2	69.0	103.4
77	64.1	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.32 ng

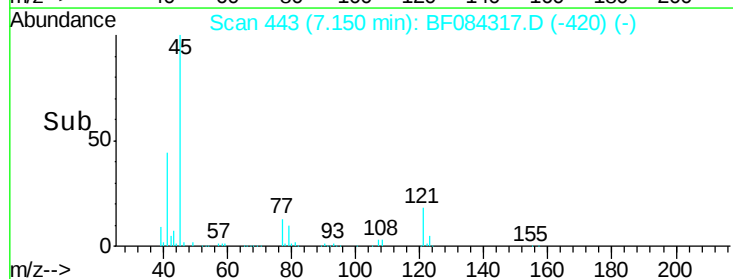
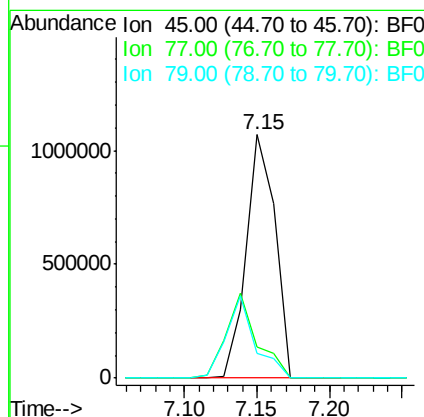
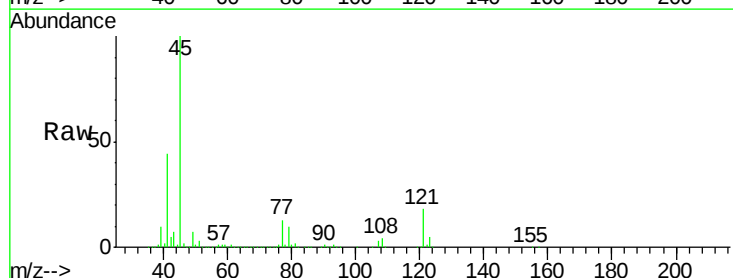
RT: 7.15 min Scan# 443

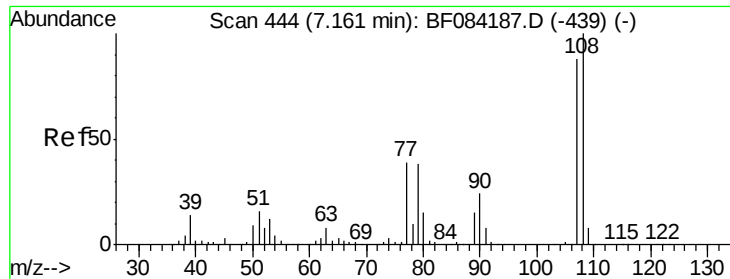
Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Tgt Ion:	45	Resp:	1472457
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	39.6
79	10.0	0.0	35.0





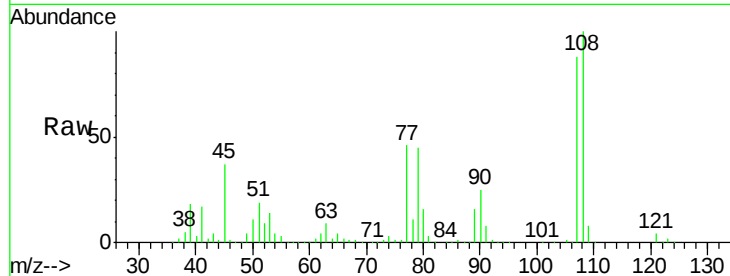
#17
2-Methylphenol
Concen: 39.21 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	89.8	134.6	
77	52.0	35.7	53.5	
79	50.8	35.7	53.5	

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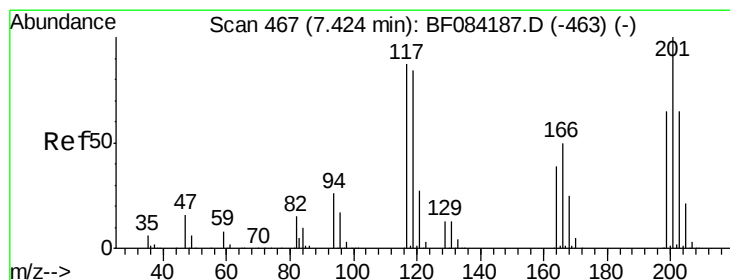
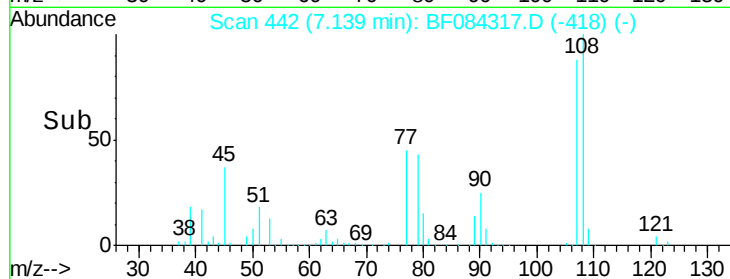
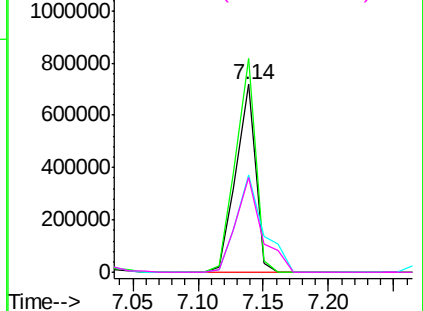
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

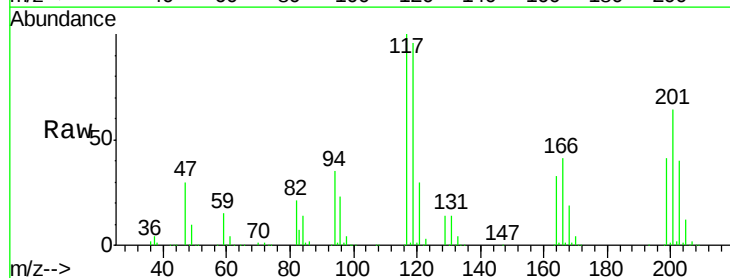
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.48 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	77.4	116.0	
201	64.1	68.6	103.0	

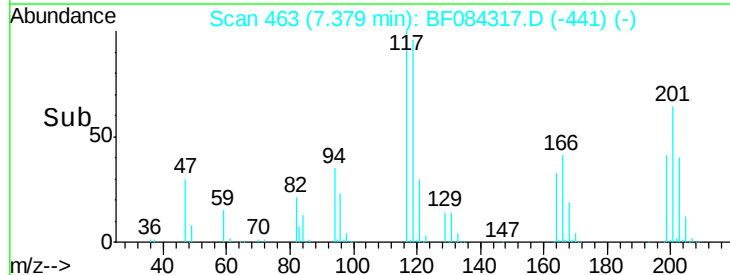
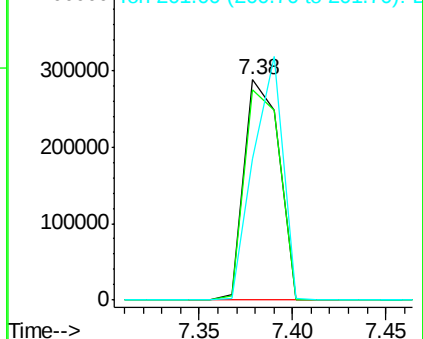


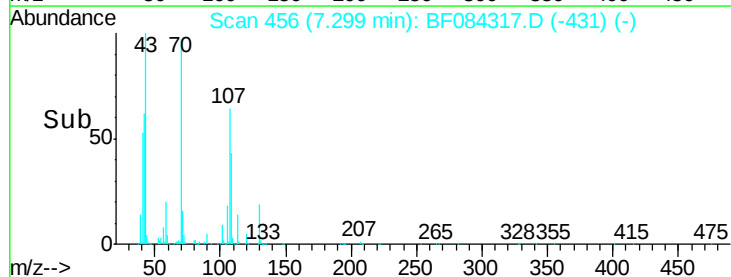
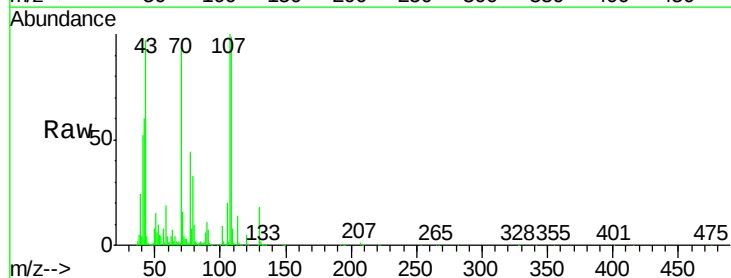
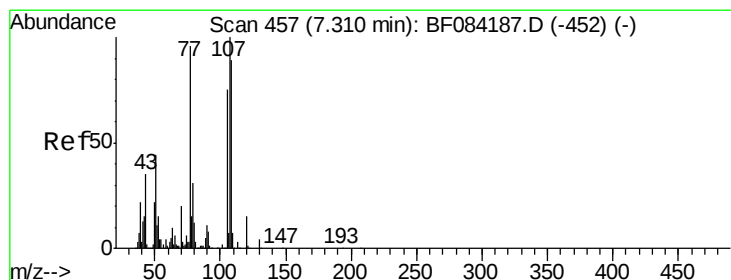
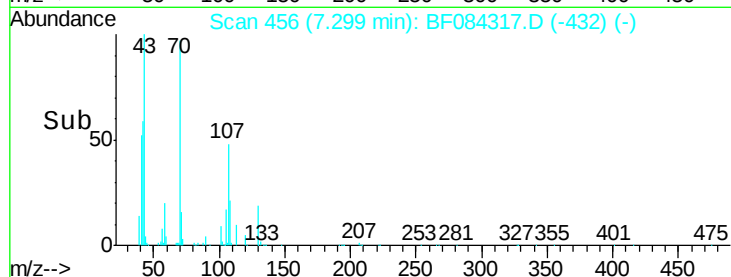
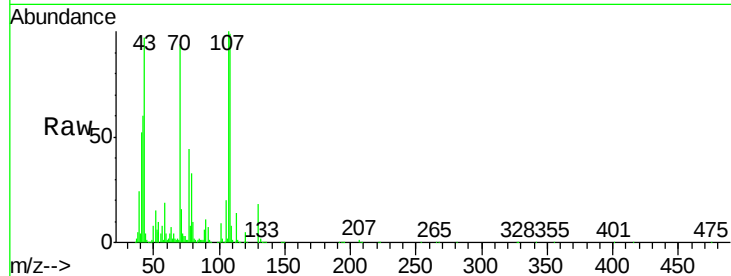
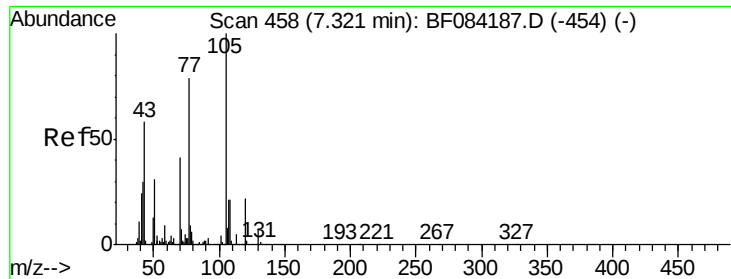
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





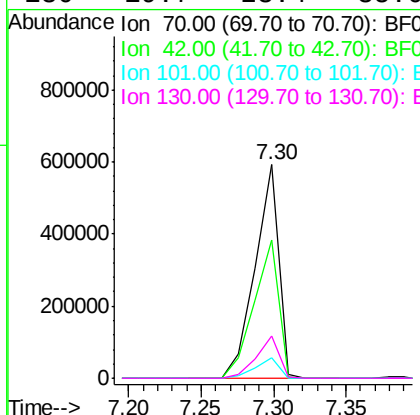
#19
n-Nitroso-di-n-propylamine
Concen: 39.25 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.7	33.3	49.9#	
101	9.4	9.3	13.9	
130	19.7	23.4	35.0#	

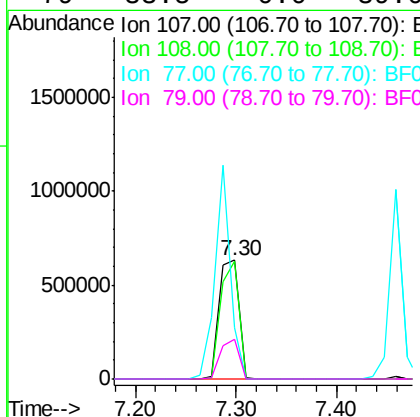
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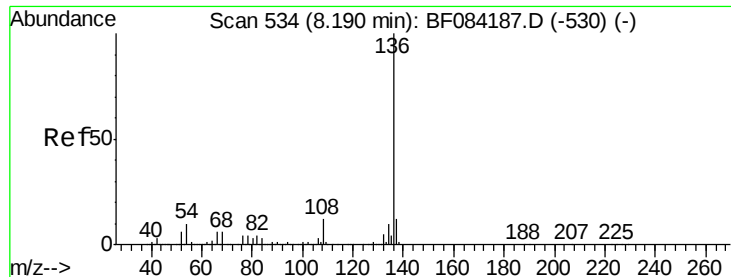
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#20
3+4-Methylphenols
Concen: 38.43 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	98.7	74.6	114.6	
77	43.6	0.7	40.7#	
79	33.5	0.0	39.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

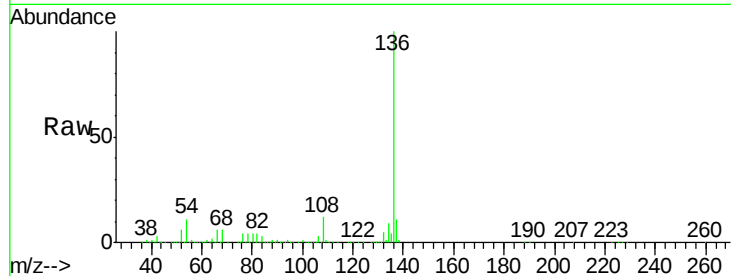
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.5	5.8	8.8#
68	6.1	4.2	6.2

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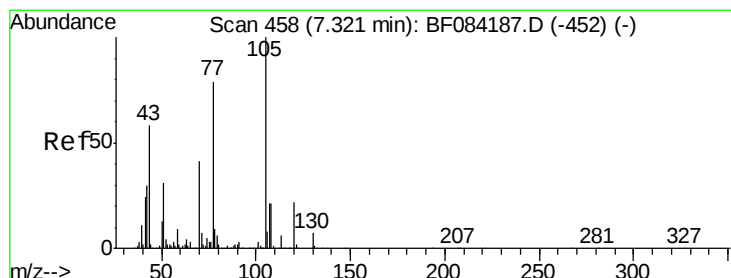
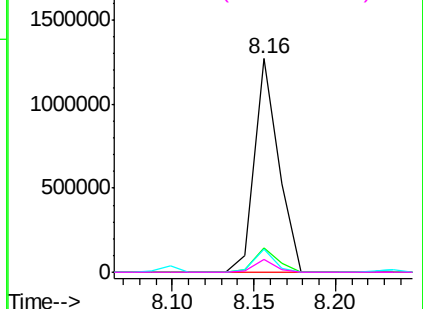
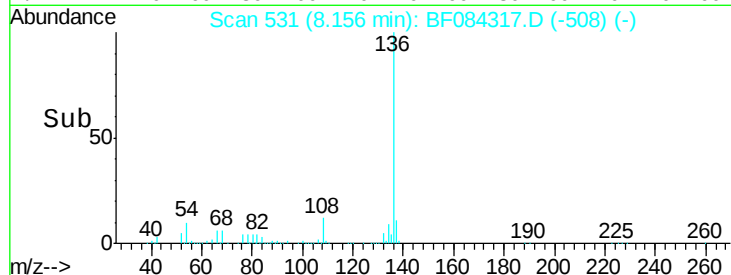
Abundance

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: 37.81 ng

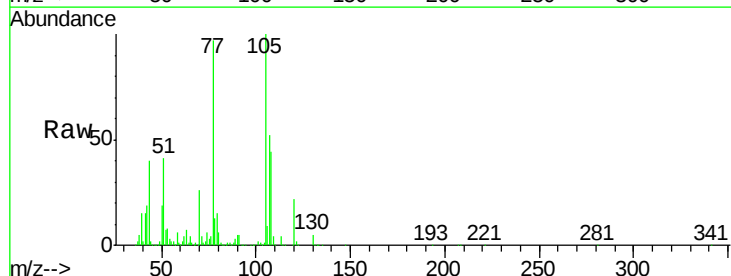
RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.7	5.5
51	40.5	25.1	37.7#
120	21.6	16.6	25.0



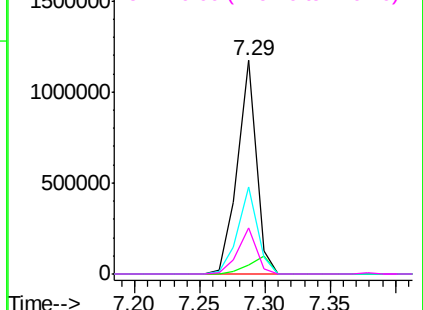
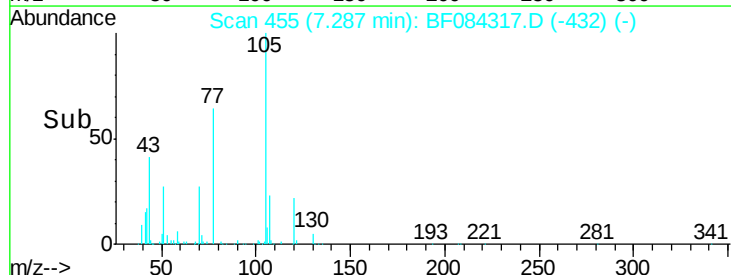
Abundance

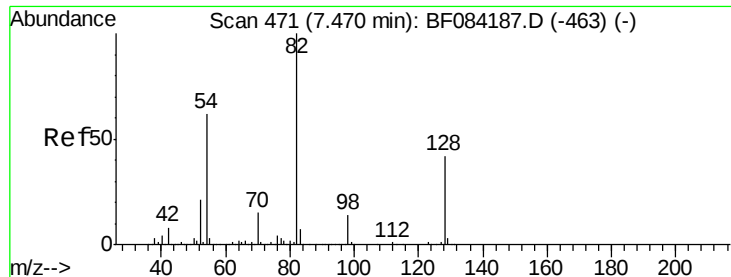
Ion 105.00 (104.70 to 105.70): E

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: 82.90 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

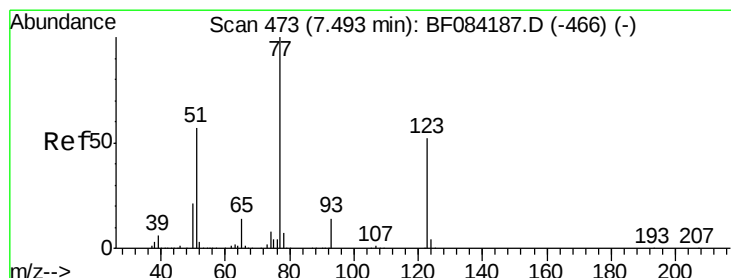
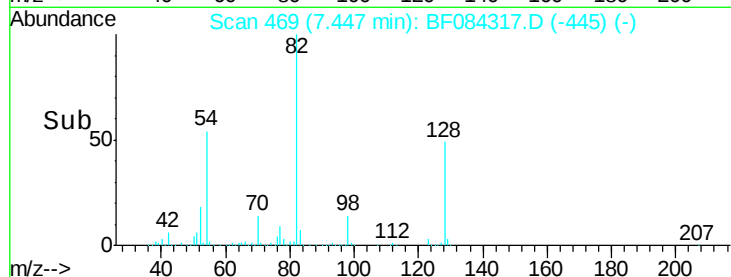
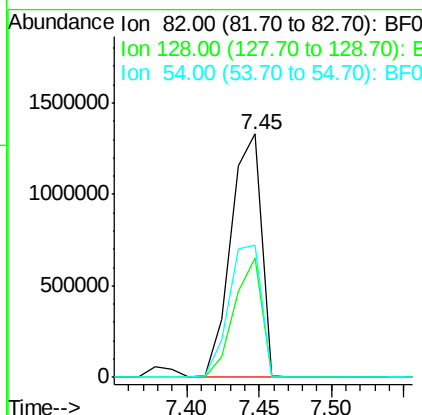
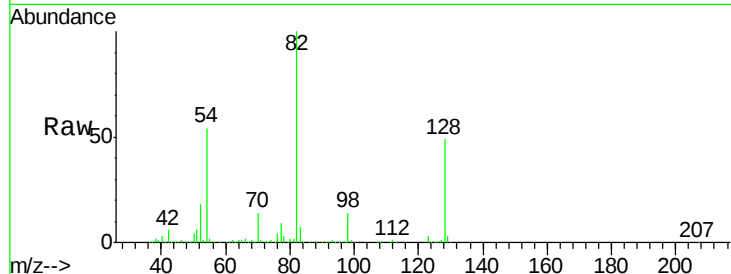
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1937234

Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.6	51.8
54	54.3	38.4	57.6

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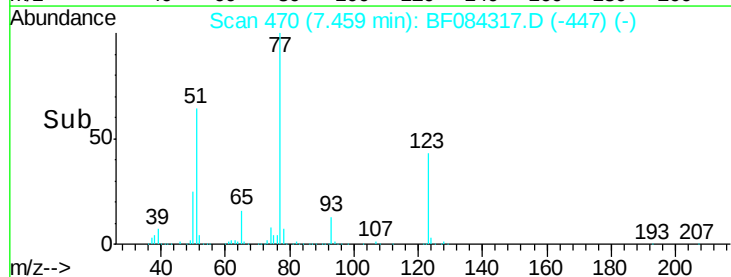
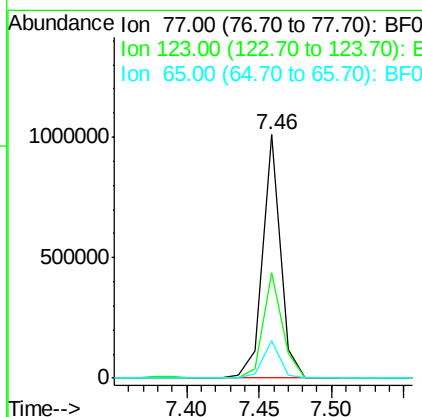
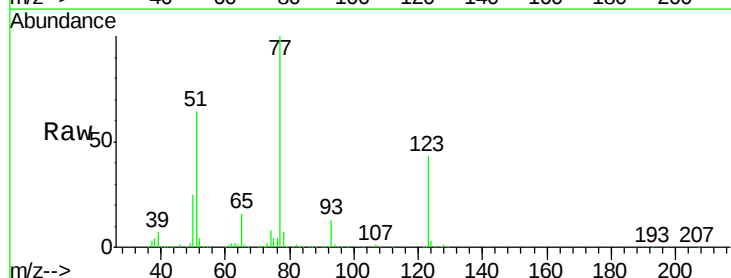
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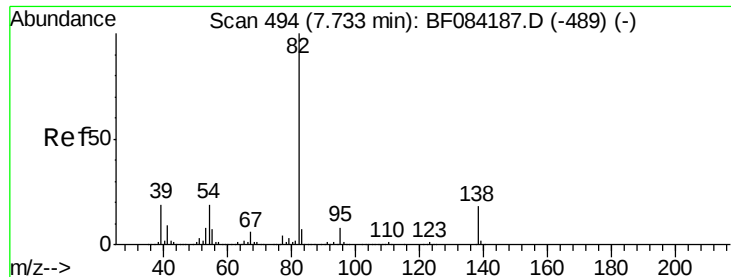


#24
 Nitrobenzene
 Concen: 36.41 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Tgt Ion: 77 Resp: 863073

Ion	Ratio	Lower	Upper
77	100		
123	43.3	37.4	56.2
65	15.6	10.9	16.3





#25

Isophorone

Concen: 38.96 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1741271

Ion Ratio Lower Upper

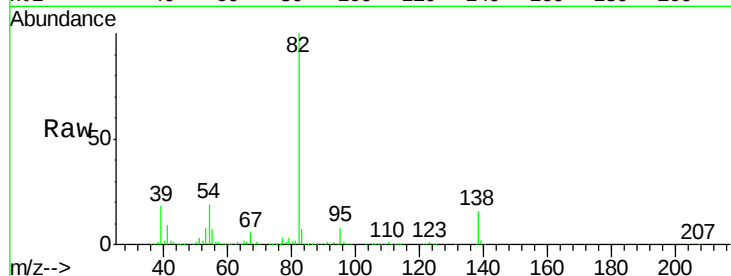
82 100

95 7.5 6.6 10.0

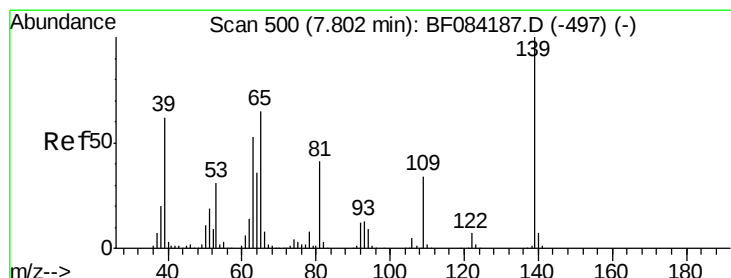
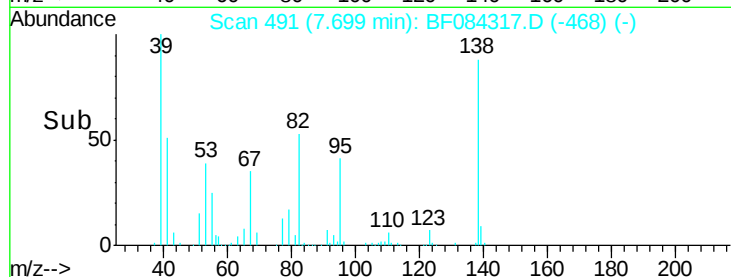
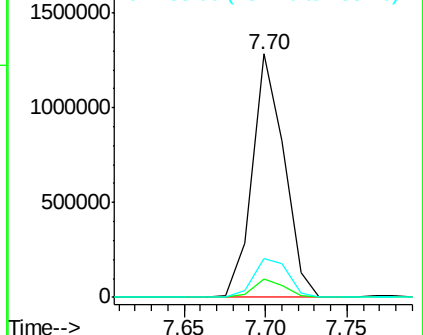
138 16.0 13.6 20.4

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



#26

2-Nitrophenol

Concen: 48.03 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

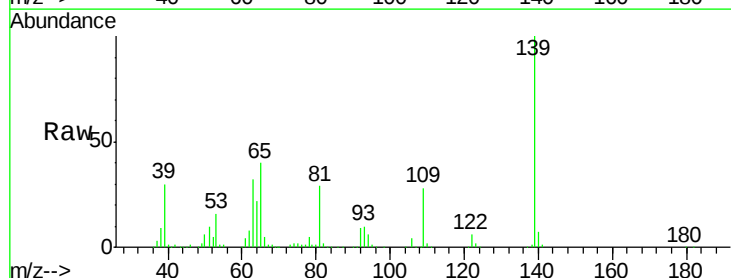
Tgt Ion: 139 Resp: 518151

Ion Ratio Lower Upper

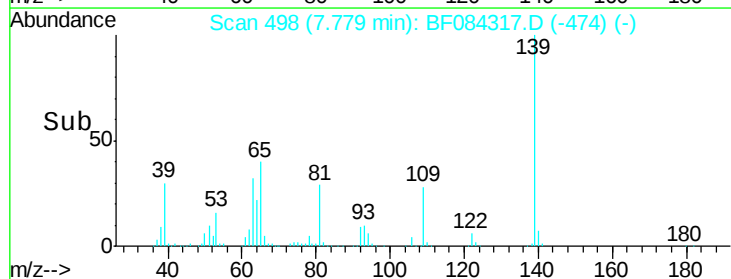
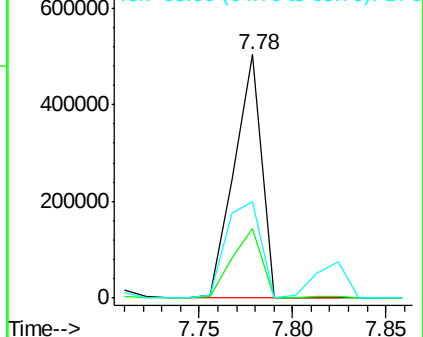
139 100

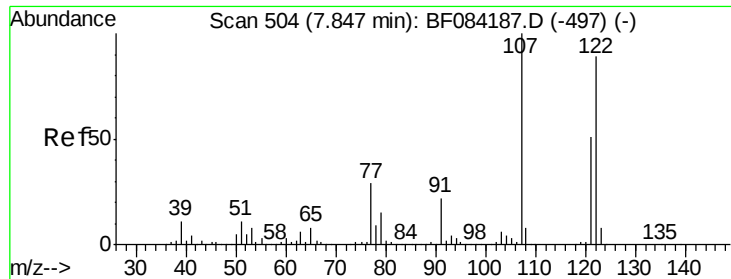
109 28.4 25.4 38.2

65 39.5 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 41.63 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

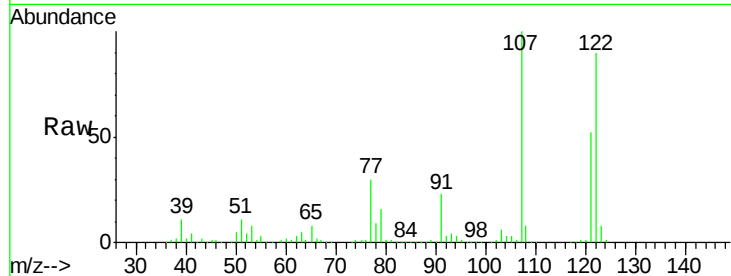
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	908998
Ion Ratio	Lower	Upper	
122	100		
107	110.8	99.1	148.7
121	57.5	47.9	71.9

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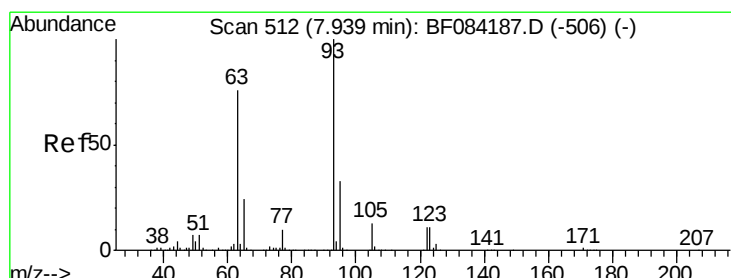
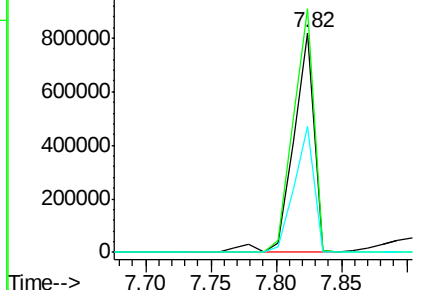
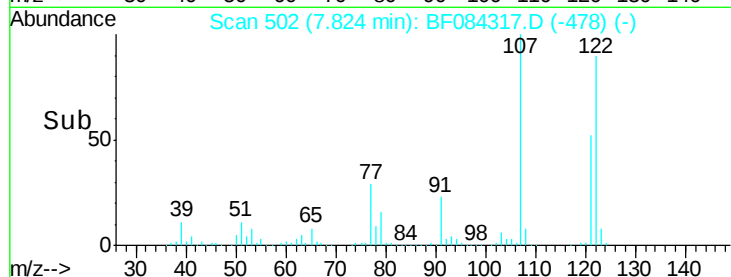
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.61 ng

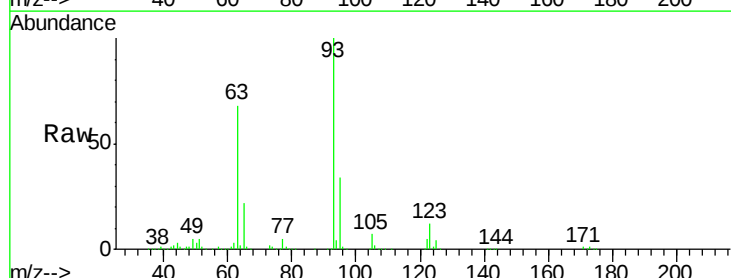
RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

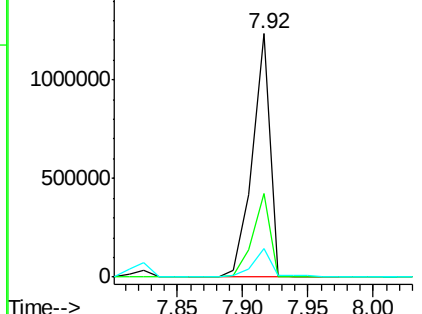
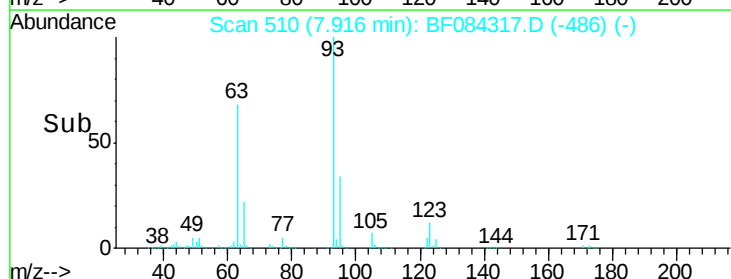
Tgt Ion:	93	Resp:	1163235
Ion Ratio	Lower	Upper	
93	100		
95	34.4	25.8	38.6
123	11.8	8.6	12.8

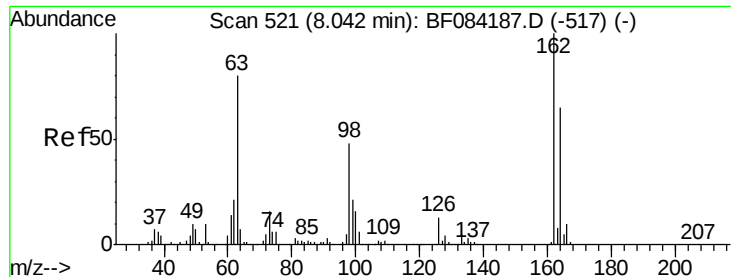


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.70 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

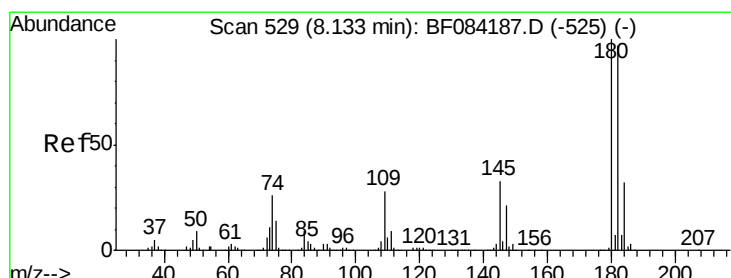
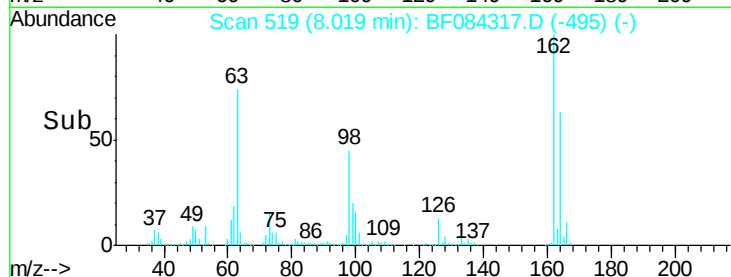
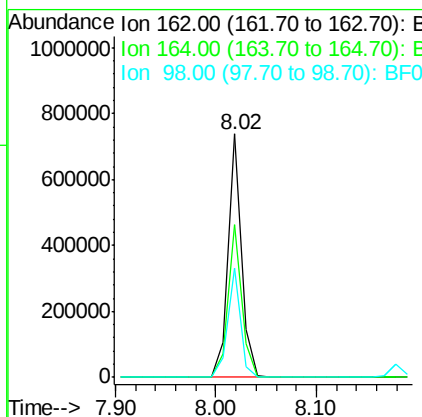
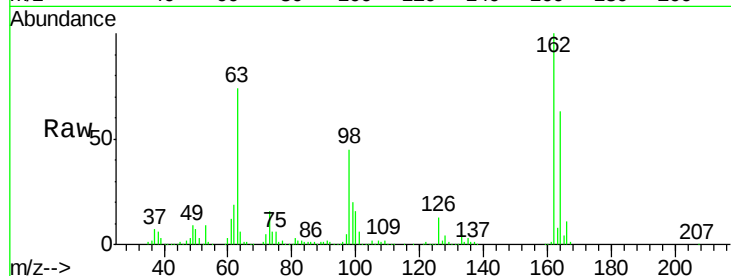
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	685617
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.1	84.1
98	45.1	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 40.56 ng

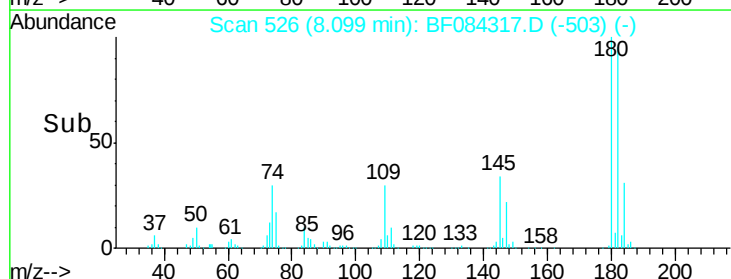
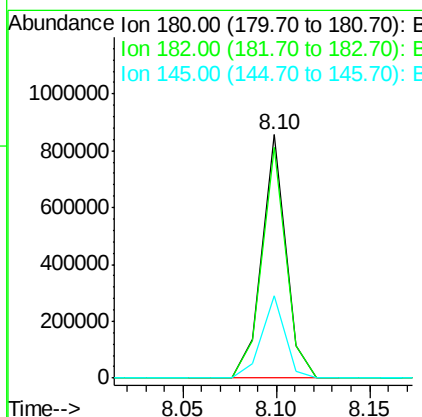
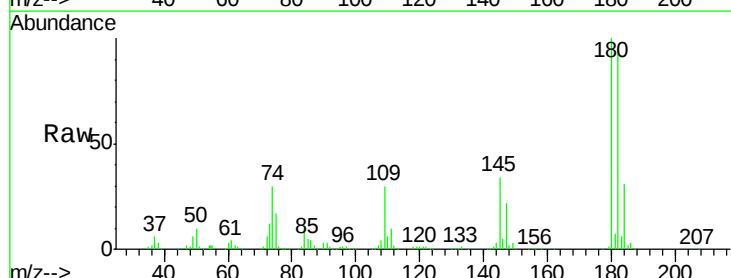
RT: 8.10 min Scan# 526

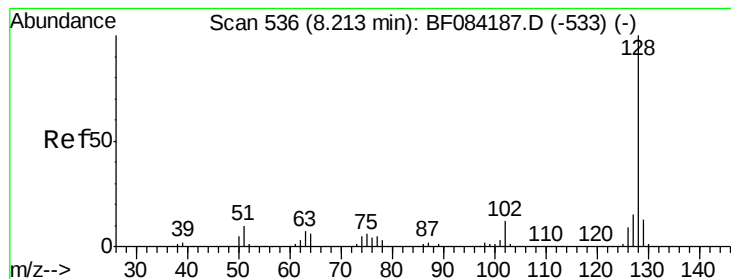
Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Tgt Ion:	180	Resp:	761648
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.4	114.6
145	33.8	31.6	47.4





#31

Naphthalene

Concen: 36.84 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2173553

Ion Ratio Lower Upper

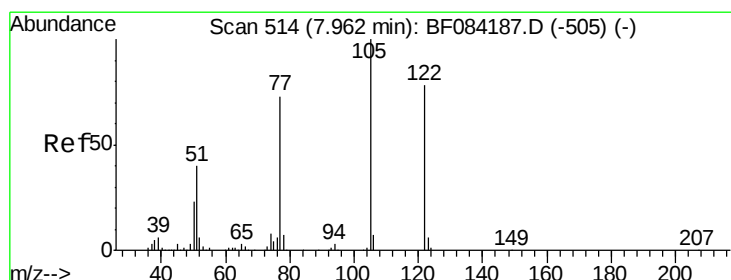
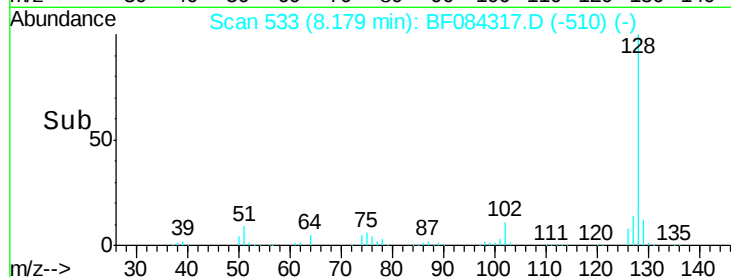
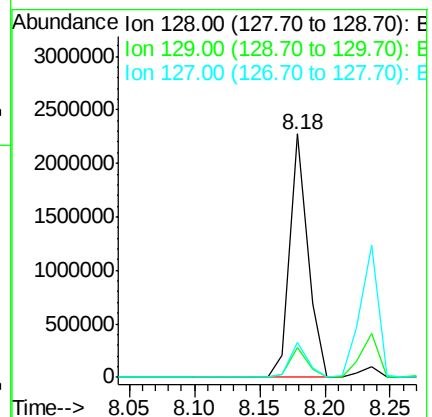
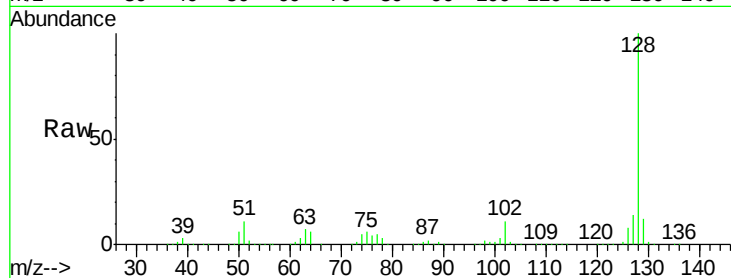
128 100

129 12.5 9.1 13.7

127 14.4 11.1 16.7

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#32

Benzoic acid

Concen: 31.37 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

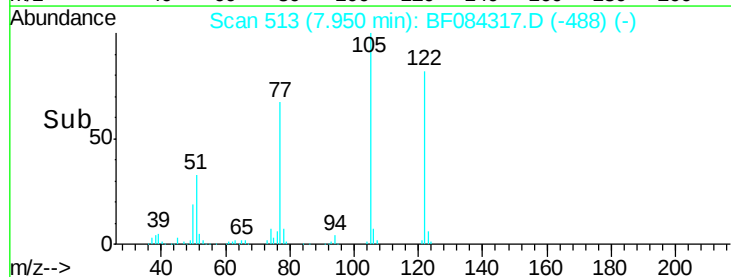
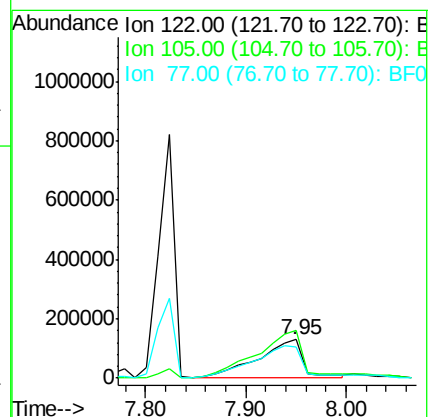
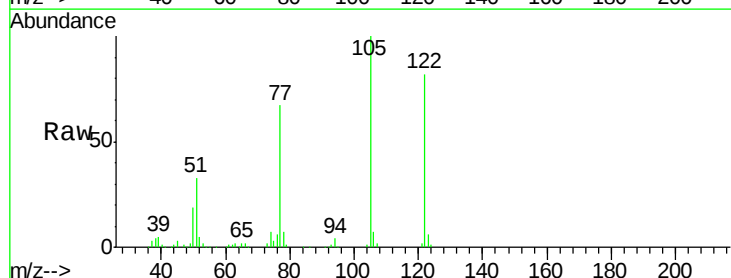
Tgt Ion:122 Resp: 405693

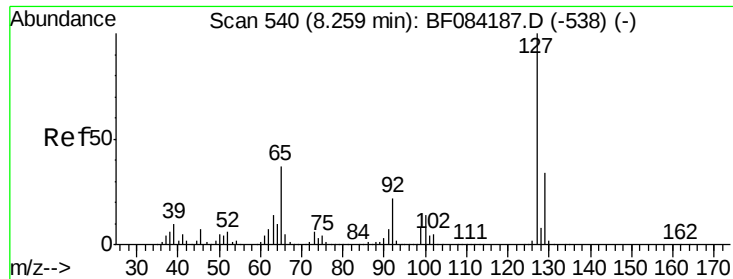
Ion Ratio Lower Upper

122 100

105 122.4 100.3 140.3

77 81.9 63.5 103.5





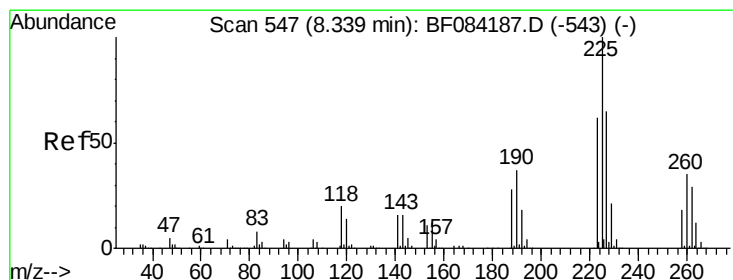
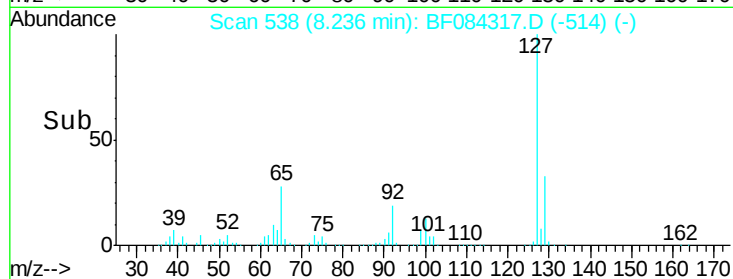
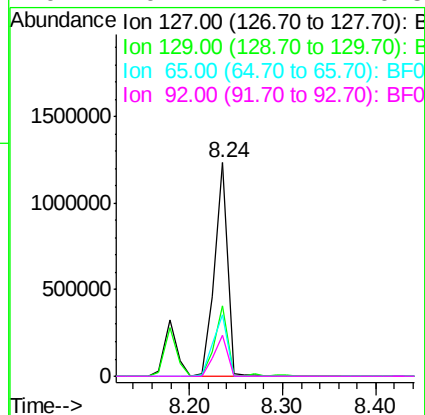
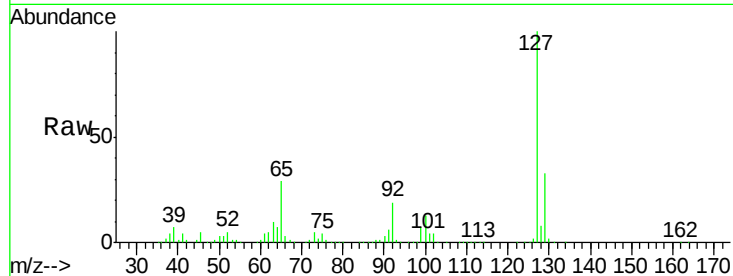
#33
4-Chloroaniline
Concen: 44.13 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.5	39.7		
65	28.5	27.2	40.8		
92	19.2	17.7	26.5		

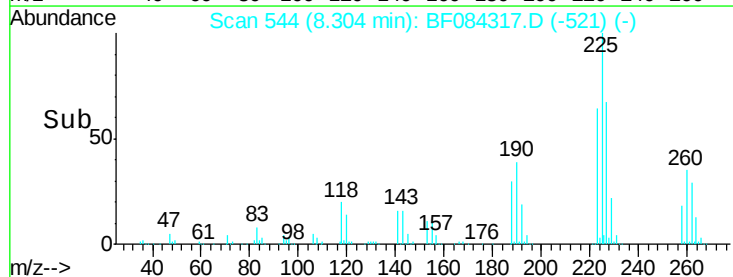
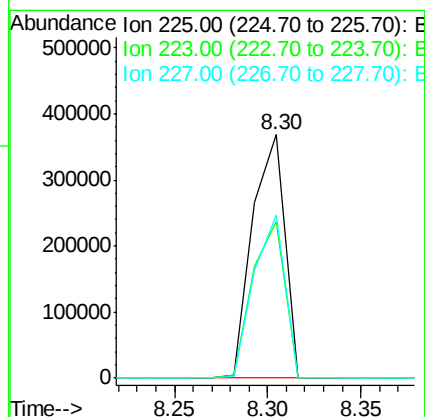
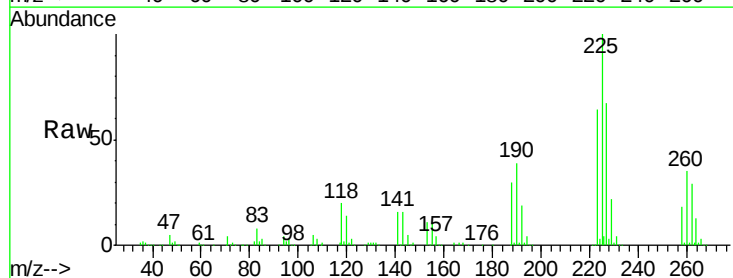
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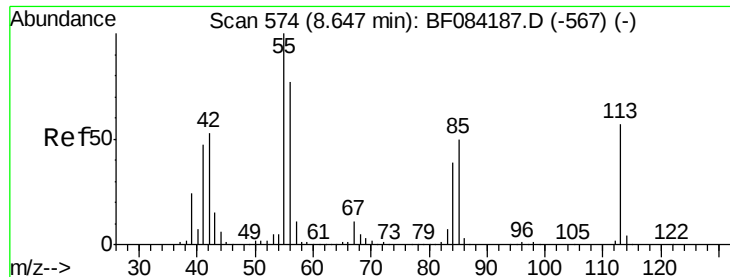
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#34
Hexachlorobutadiene
Concen: 40.62 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	49.4	74.0		
227	66.9	50.8	76.2		





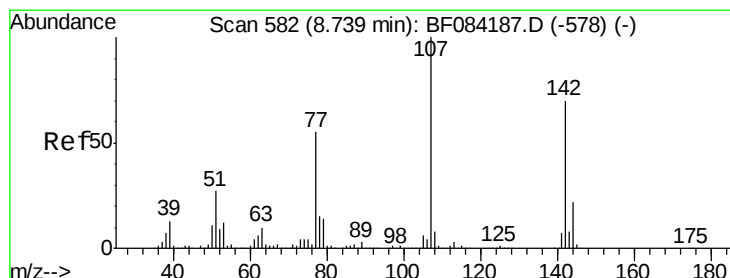
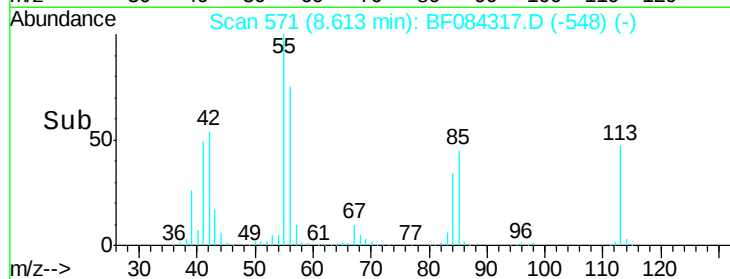
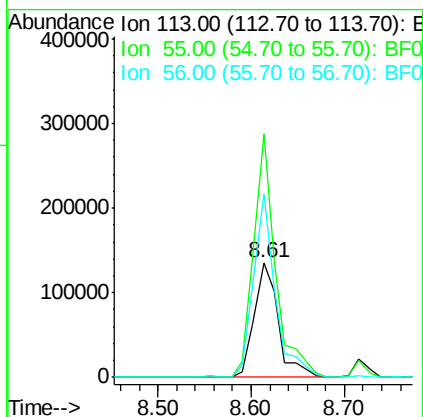
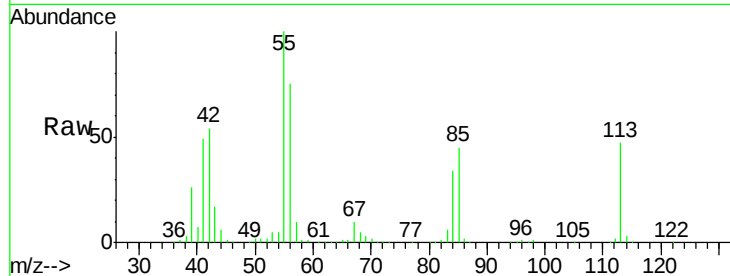
#35
Caprolactam
Concen: 39.60 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	212.7	116.9	156.9#
56	160.2	93.8	133.8#

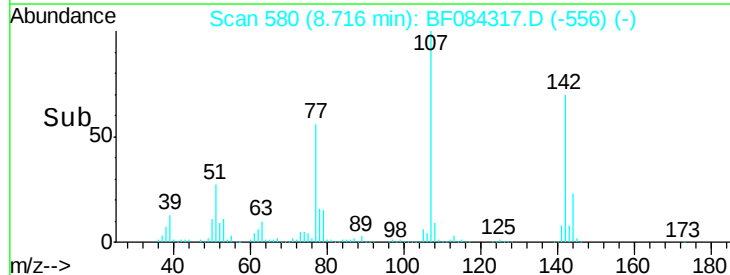
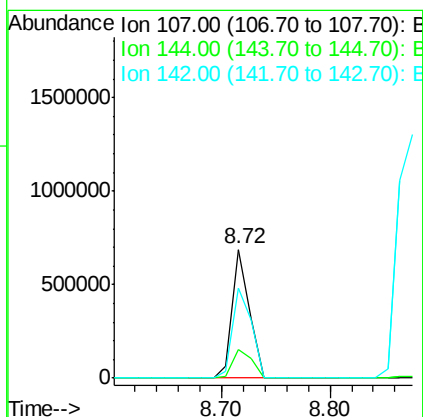
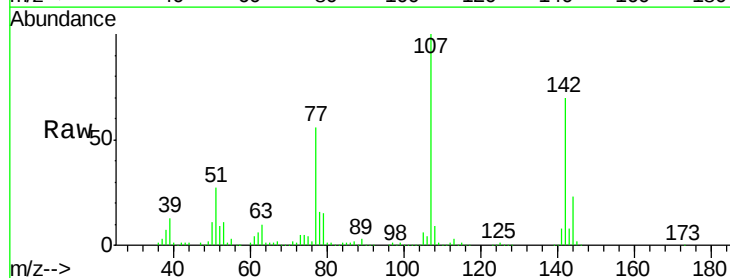
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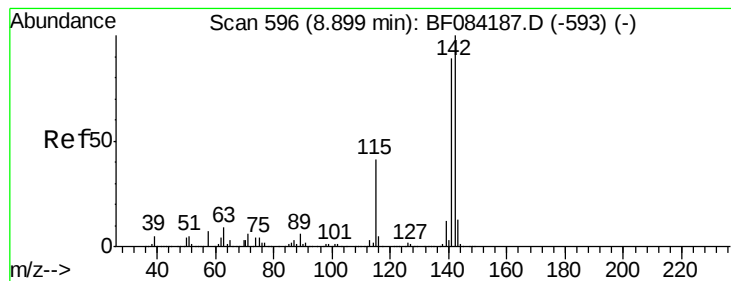
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#36
4-Chloro-3-methylphenol
Concen: 36.10 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	19.7	29.5
142	70.4	61.8	92.6





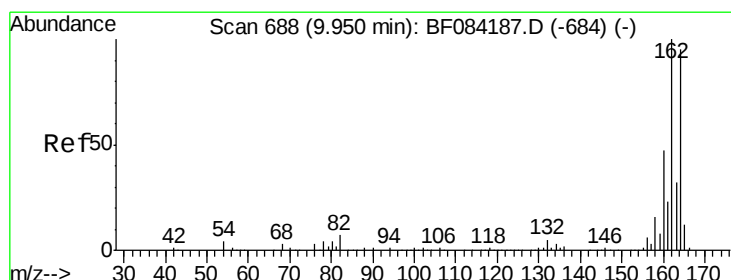
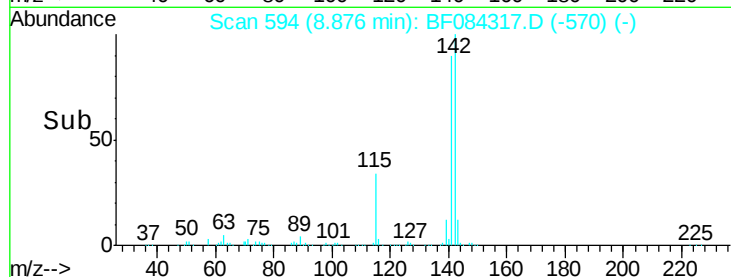
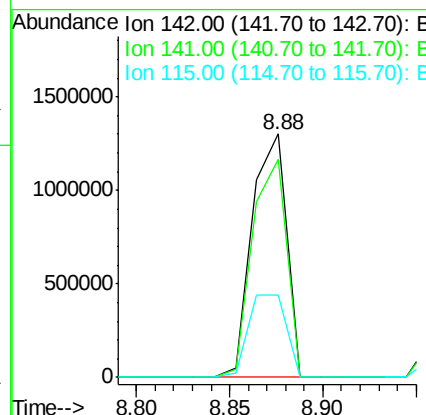
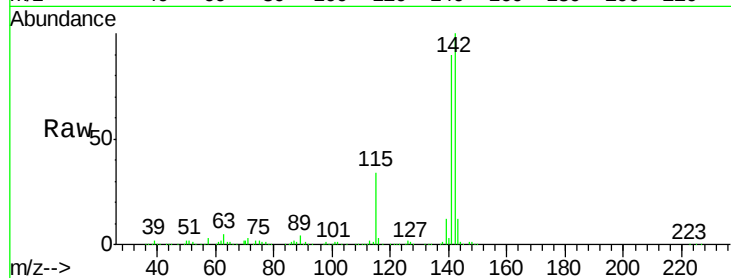
#37
2-Methylnaphthalene
Concen: 39.06 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1654355
Ion Ratio Lower Upper
142 100
141 89.7 72.4 108.6
115 33.7 27.9 41.9

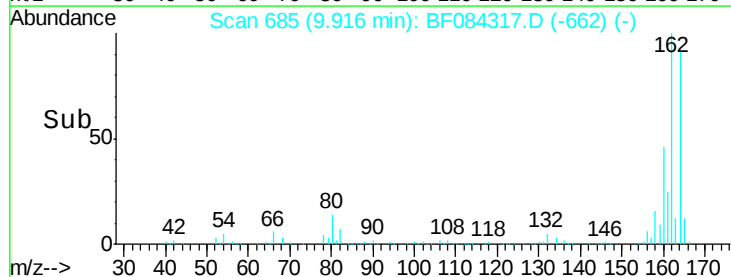
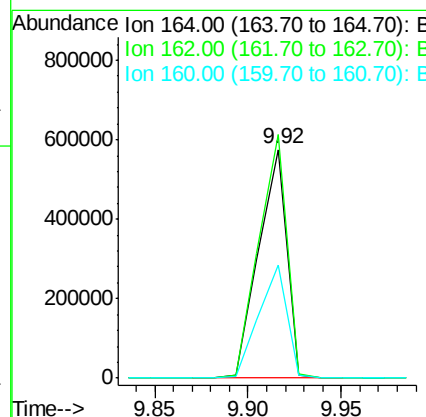
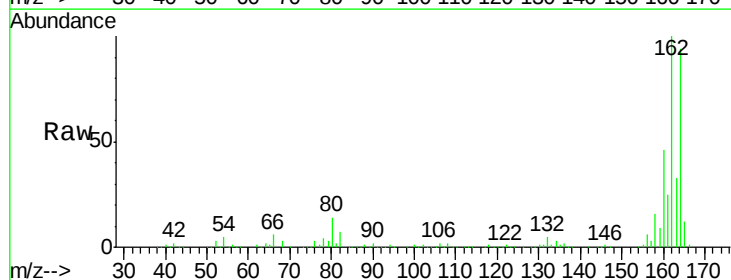
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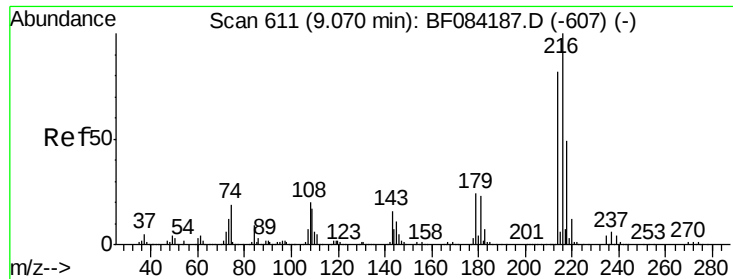
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion:164 Resp: 608455
Ion Ratio Lower Upper
164 100
162 106.4 85.1 127.7
160 49.4 37.5 56.3





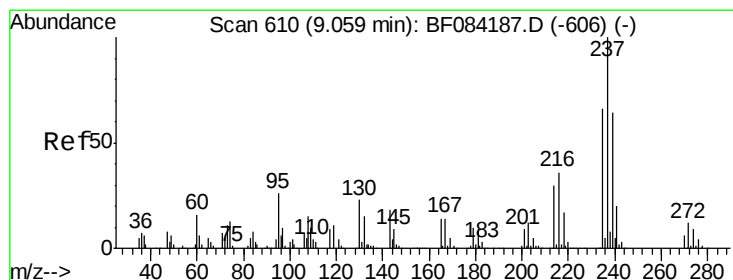
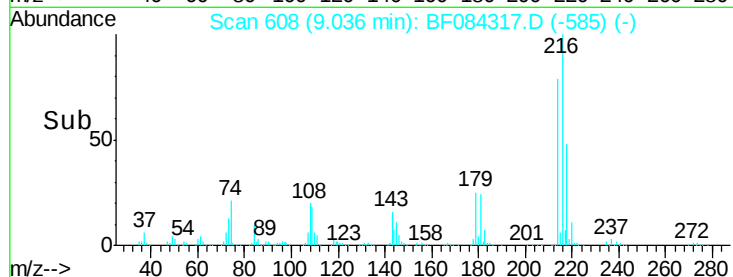
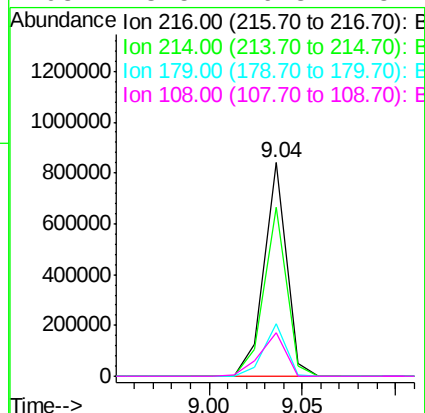
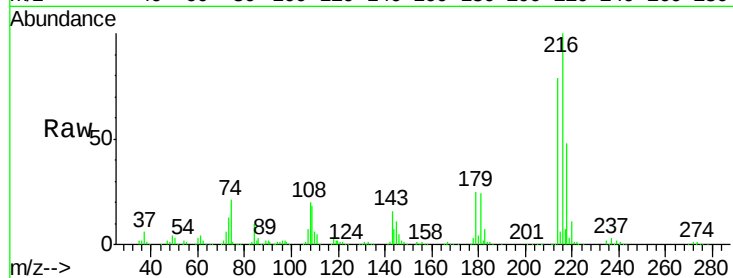
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.01 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		699879		
214	79.3		64.2	96.2	
179	24.6		18.7	28.1	
108	23.5		16.8	25.2	

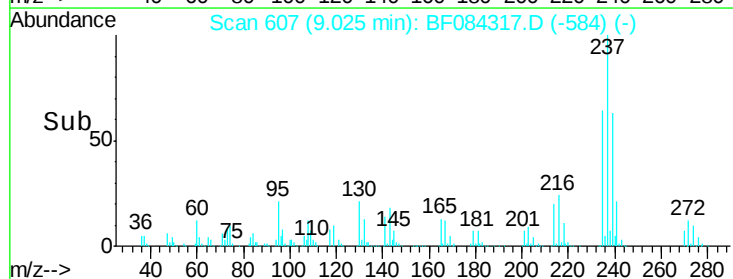
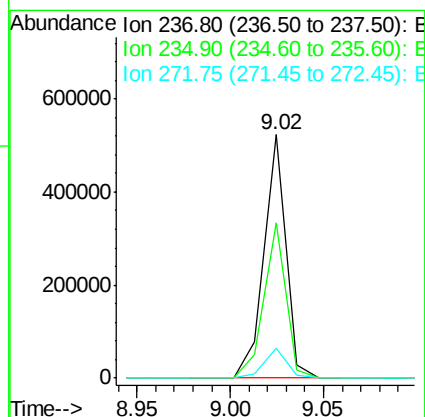
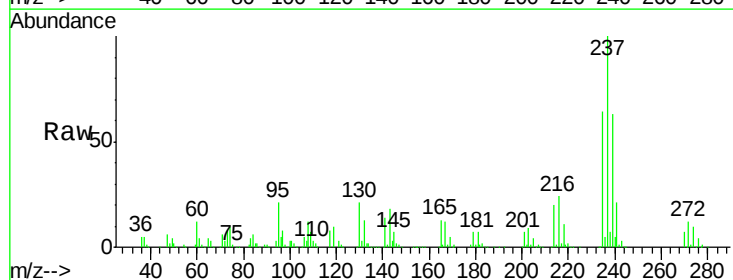
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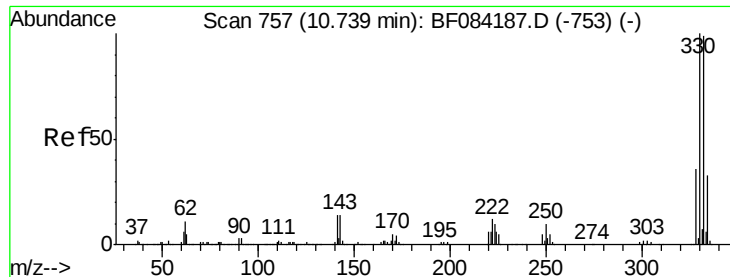
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#40
 Hexachlorocyclopentadiene
 Concen: 40.95 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		432365		
235	63.9		43.1	83.1	
272	12.3		0.0	35.1	





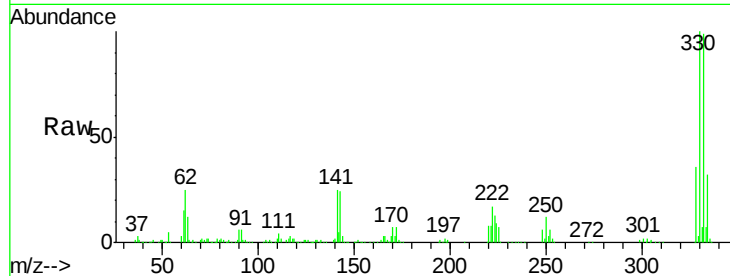
#41
 2,4,6-Tribromophenol
 Concen: 79.30 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

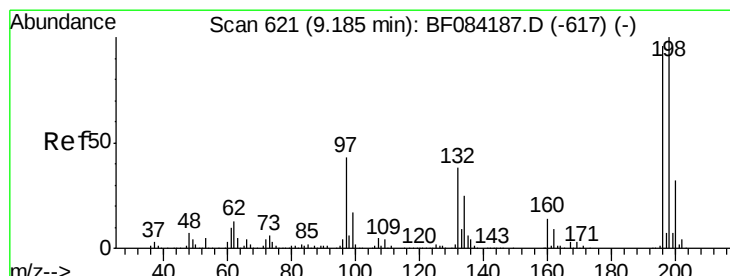
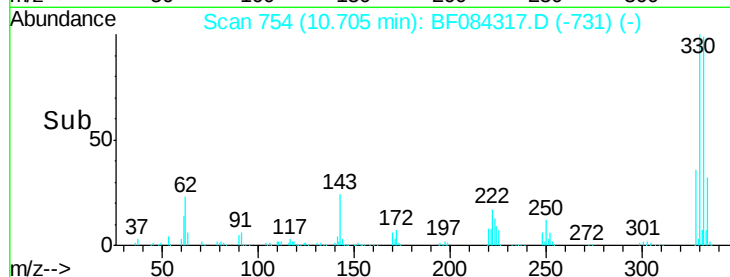
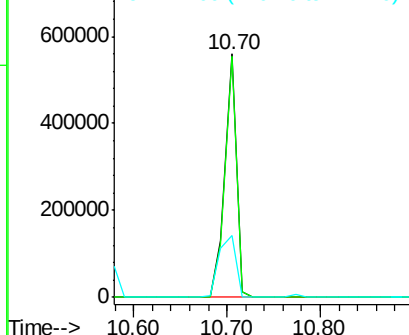
Tot Ion	Ratio	Resp	Lower	Upper
330	100	487107		
332	98.0	76.6	114.8	
141	36.7	27.8	41.6	

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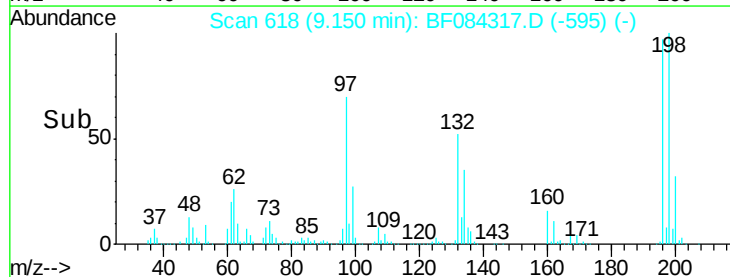
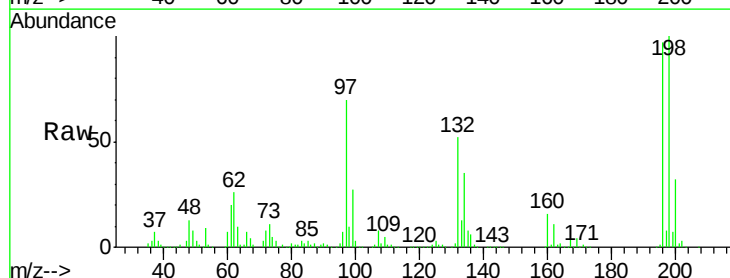
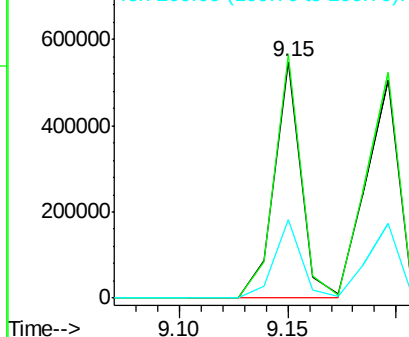
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

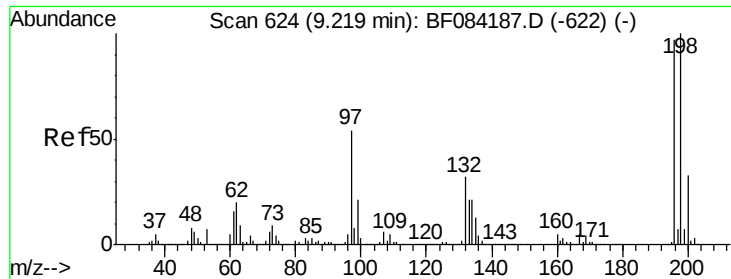


#42
 2,4,6-Trichlorophenol
 Concen: 36.34 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	475617		
198	103.0	77.7	116.5	
200	33.2	24.6	37.0	

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





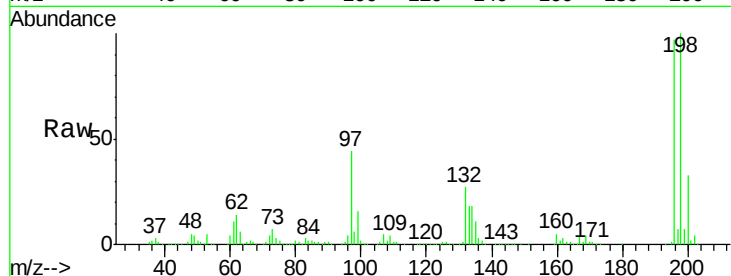
#43
 2,4,5-Trichlorophenol
 Concen: 41.53 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

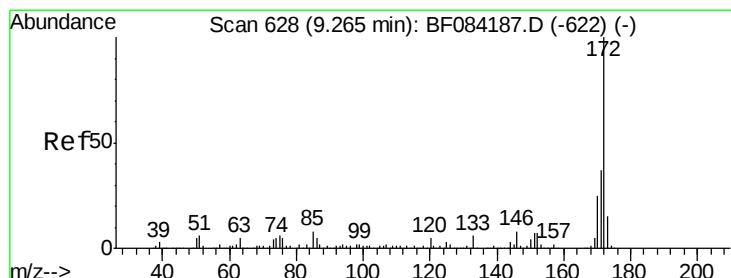
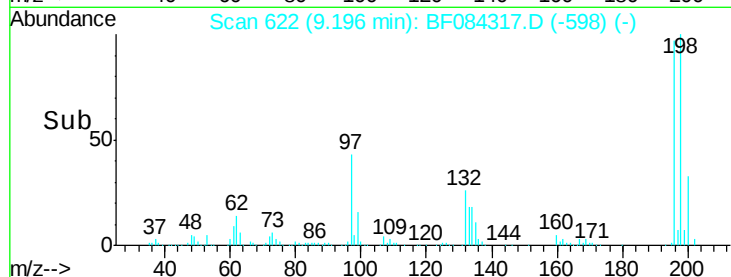
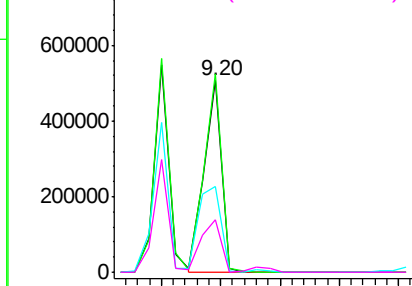
Tot Ion	196	Resp	520985
Ion Ratio	Lower	Upper	
196	100		
198	103.5	79.0	118.6
97	45.0	33.0	49.6
132	27.6	21.1	31.7

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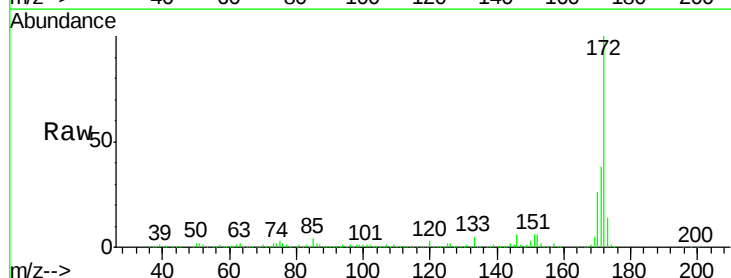


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

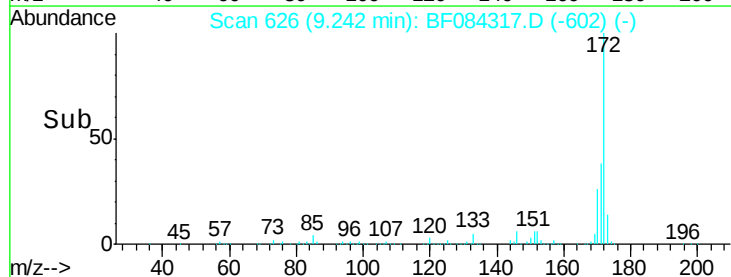
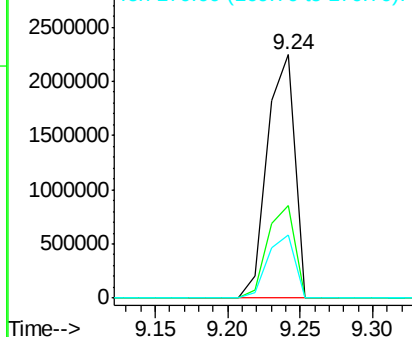


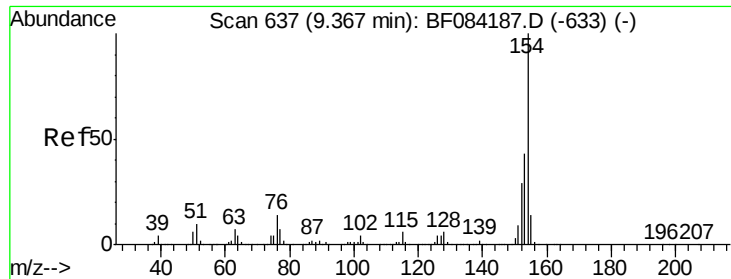
#44
 2-Fluorobiphenyl
 Concen: 84.82 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Tgt Ion	172	Resp	2934189
Ion Ratio	Lower	Upper	
172	100		
171	38.1	28.9	43.3
170	26.1	18.6	27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.05 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1743458

Ion Ratio Lower Upper

154 100

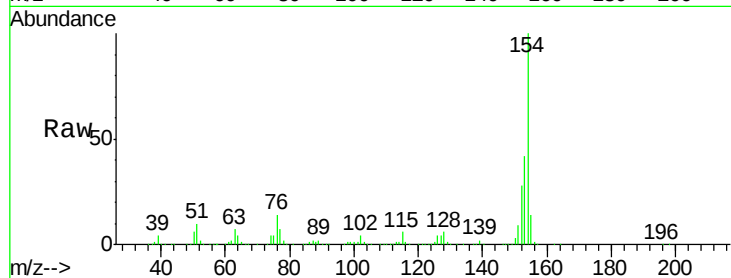
153 42.3 21.6 61.6

76 14.0 0.0 32.7

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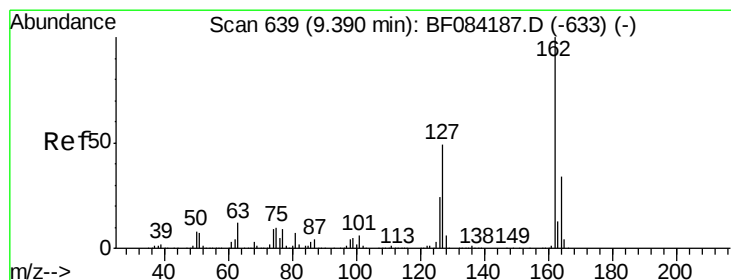
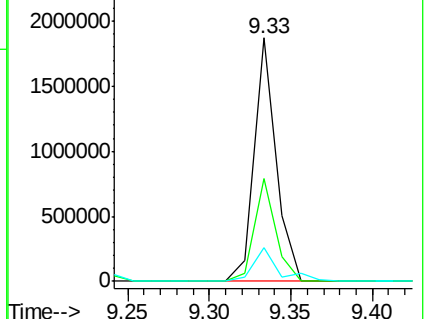
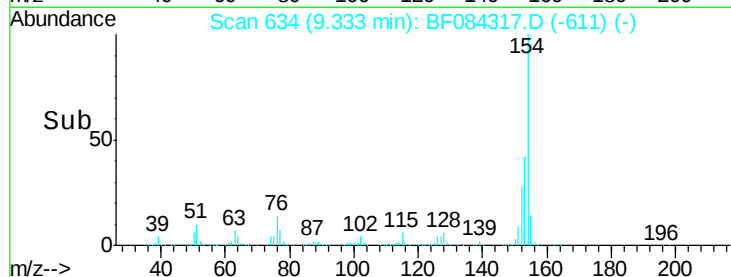
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.34 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

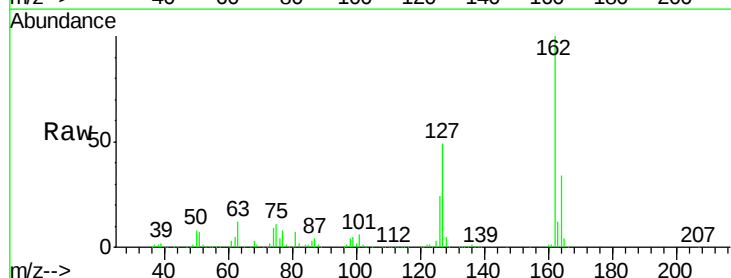
Tgt Ion:162 Resp: 1380428

Ion Ratio Lower Upper

162 100

127 48.7 40.2 60.4

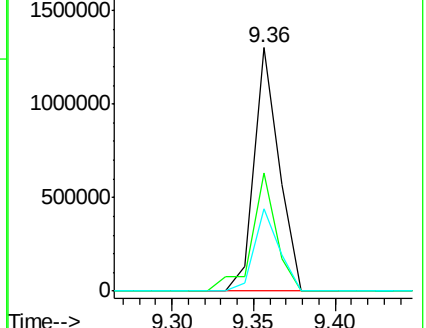
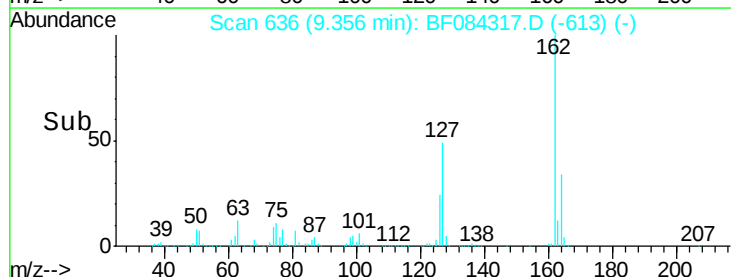
164 34.0 25.7 38.5

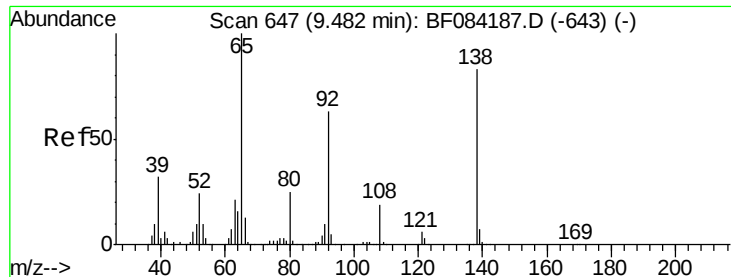


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





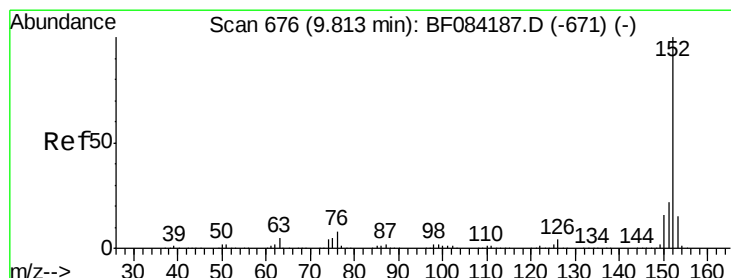
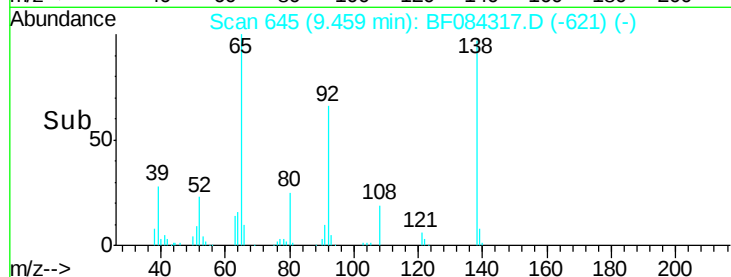
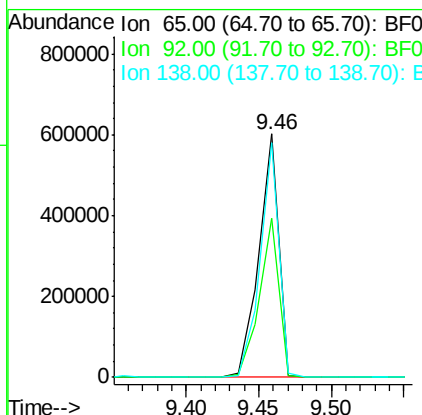
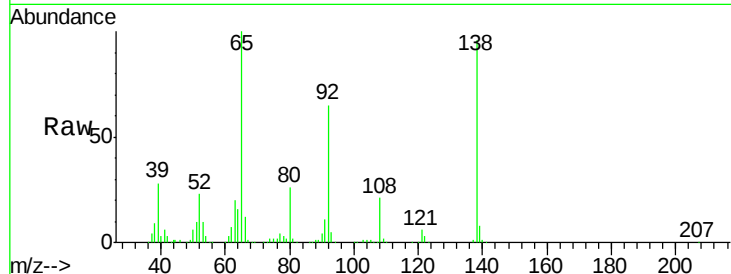
#47
2-Nitroaniline
Concen: 45.55 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	53.4	80.2
138	96.2	71.1	106.7

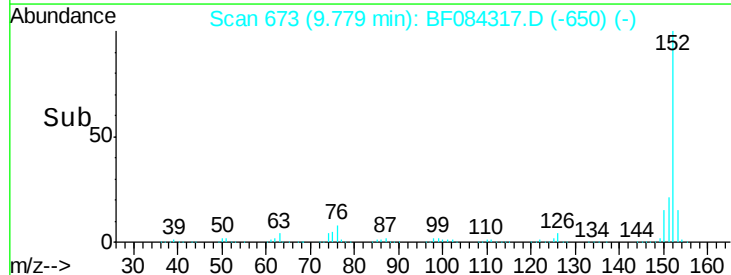
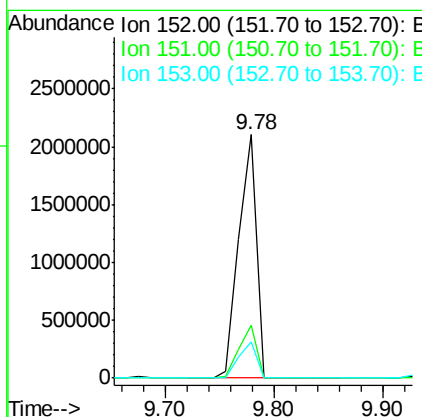
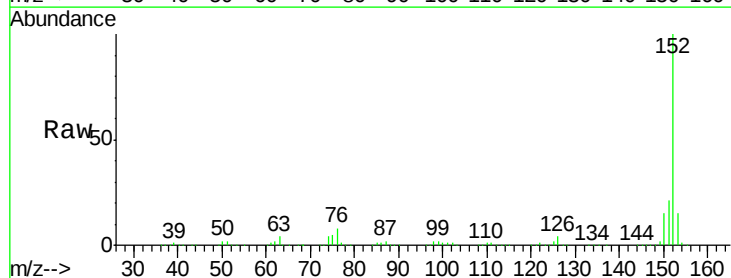
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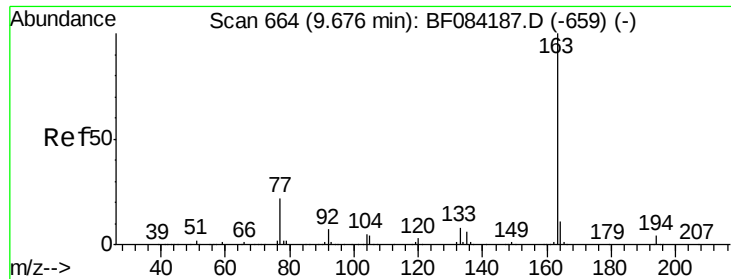
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#48
Acenaphthylene
Concen: 41.21 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	14.8	10.4	15.6





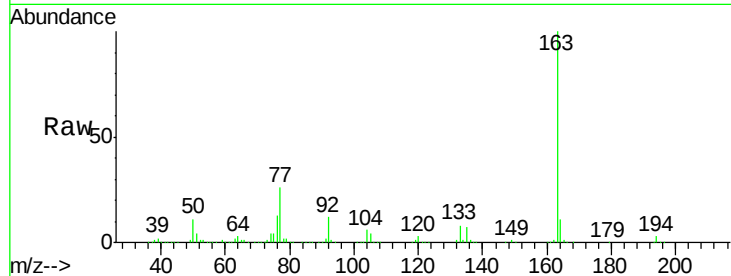
#49
Dimethylphthalate
Concen: 36.68 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

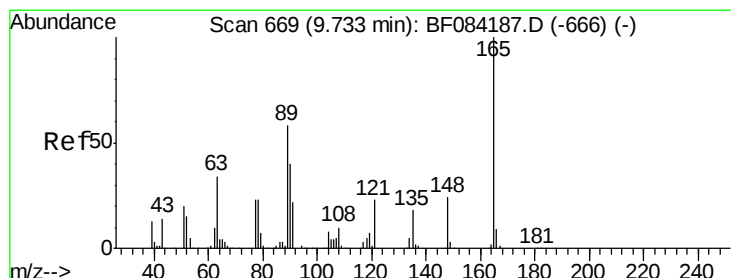
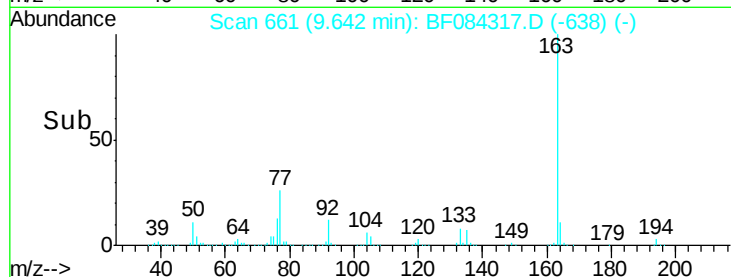
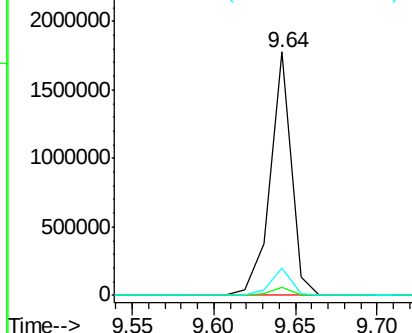
Tot Ion:163 Resp: 1595689
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 11.1 8.0 12.0

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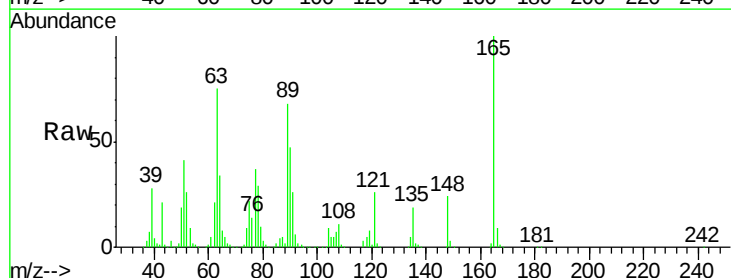


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

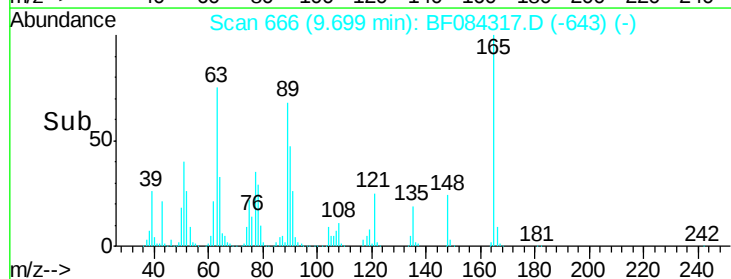
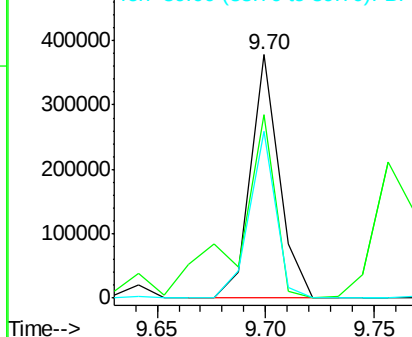


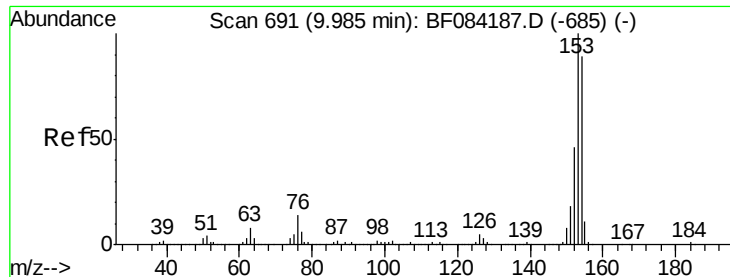
#50
2,6-Dinitrotoluene
Concen: 36.23 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion:165 Resp: 345686
Ion Ratio Lower Upper
165 100
63 75.3 28.8 43.2#
89 68.3 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: 42.48 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1599023

Ion Ratio Lower Upper

154 100

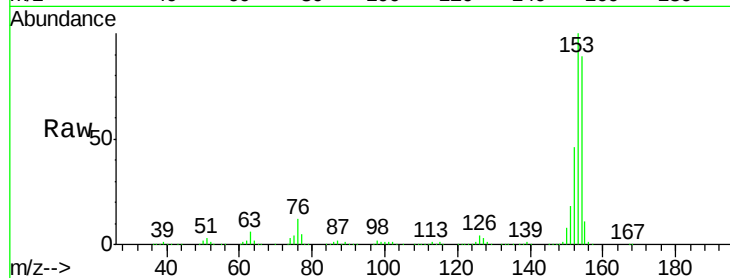
153 112.7 91.5 137.3

152 52.2 43.0 64.6

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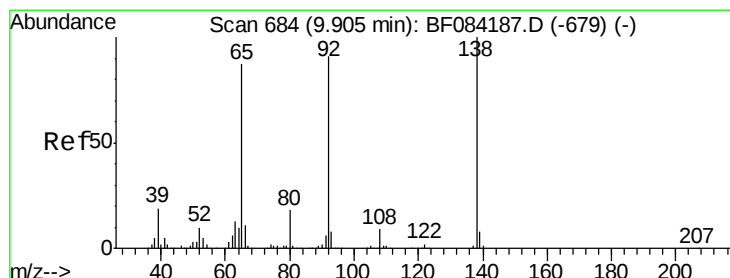
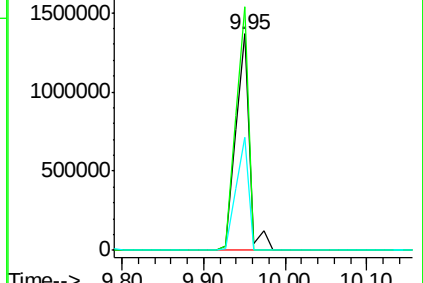
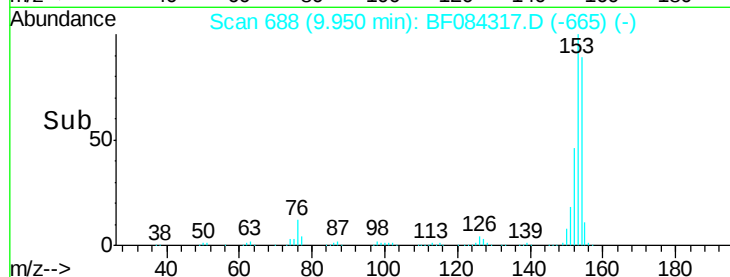
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.63 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

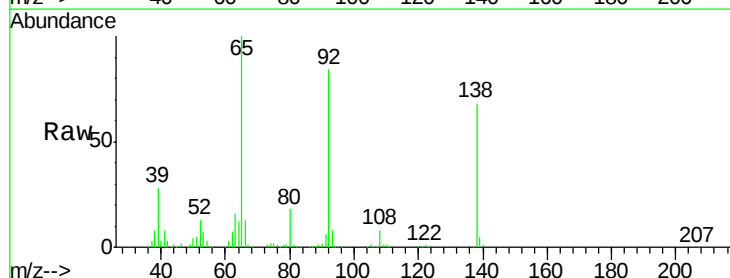
Tgt Ion:138 Resp: 409331

Ion Ratio Lower Upper

138 100

108 11.3 10.5 15.7

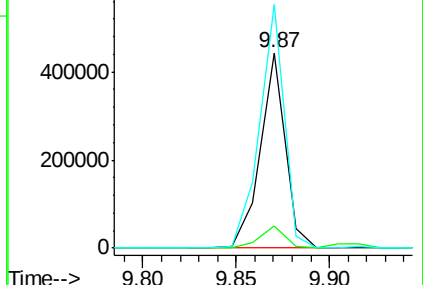
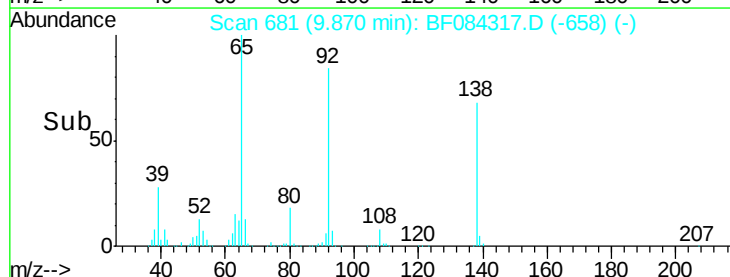
92 124.6 103.9 155.9

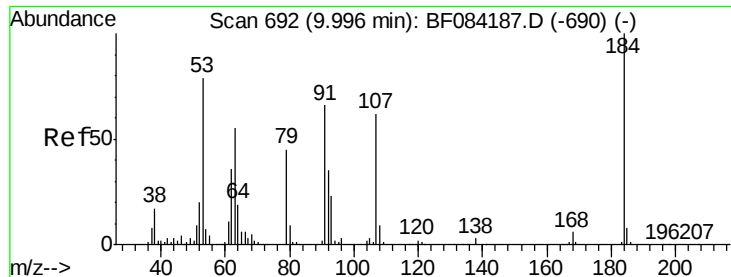


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





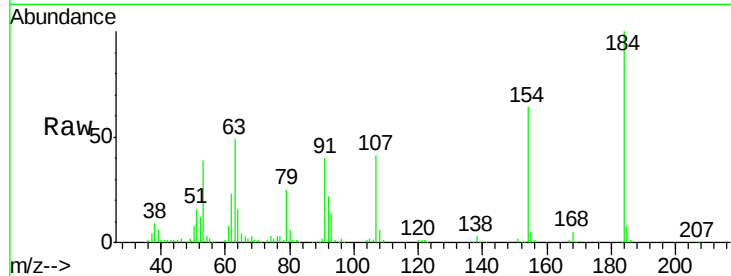
#53
2,4-Dinitrophenol
Concen: 44.19 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

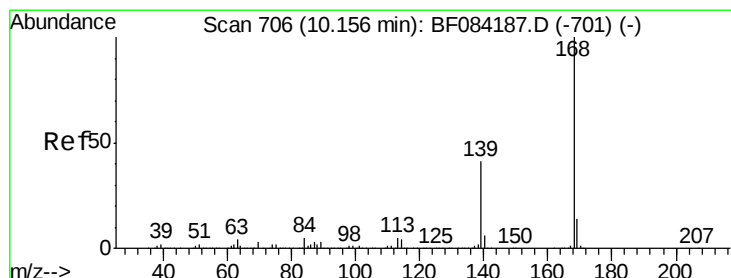
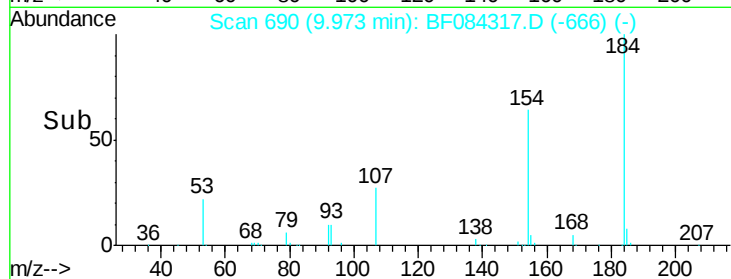
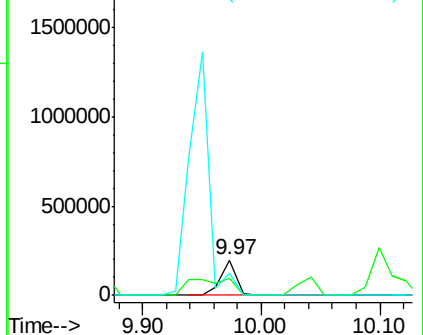
Tot Ion	Ratio	Lower	Upper
184	100		
63	48.9	43.1	64.7
154	64.4	60.5	90.7

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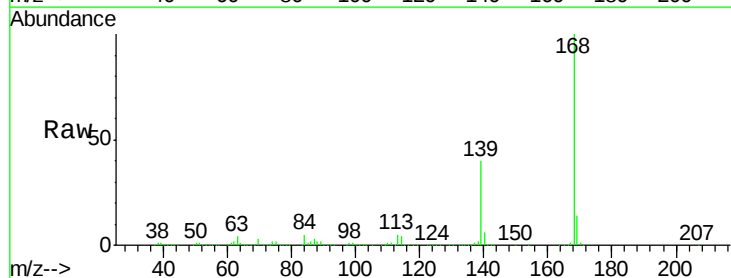


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

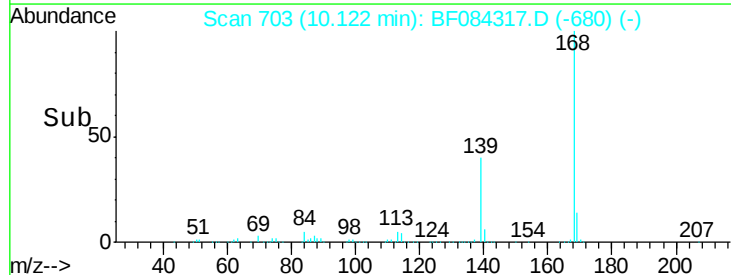
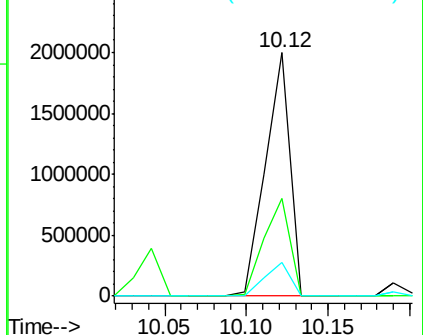


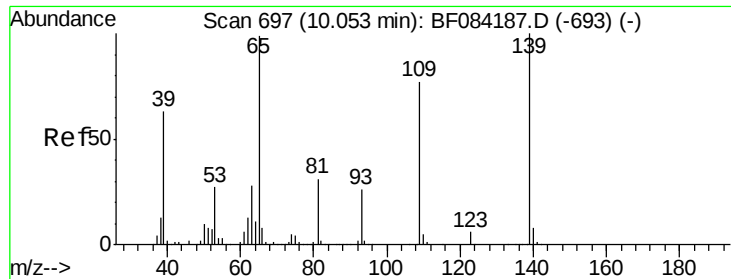
#54
Dibenzofuran
Concen: 42.70 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.5	45.7
169	14.0	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





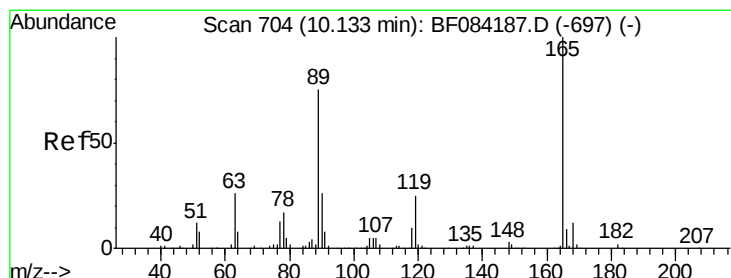
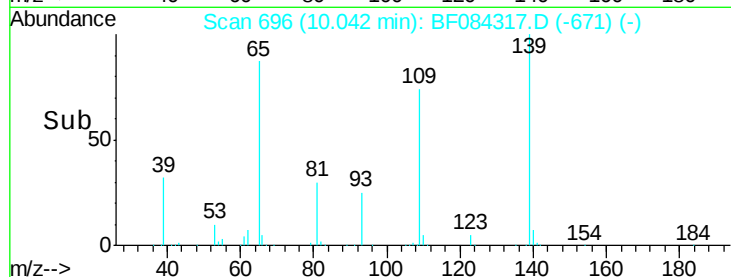
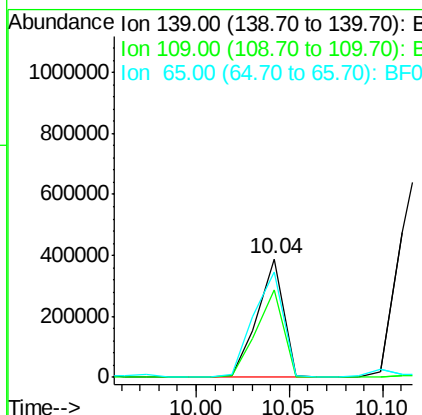
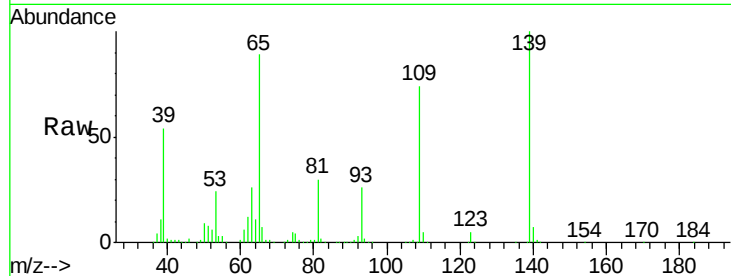
#55
4-Nitrophenol
Concen: 44.42 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.0	58.5	98.5	
65	89.2	57.6	97.6	

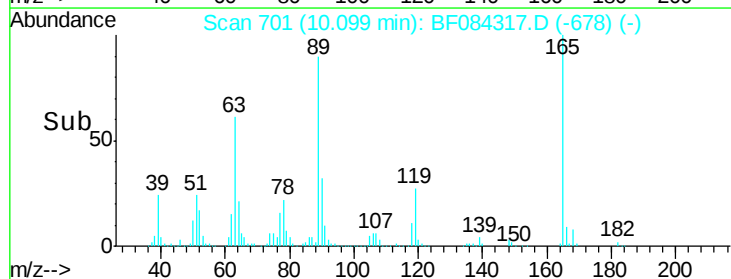
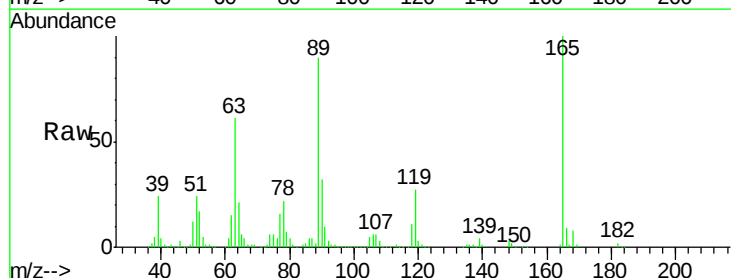
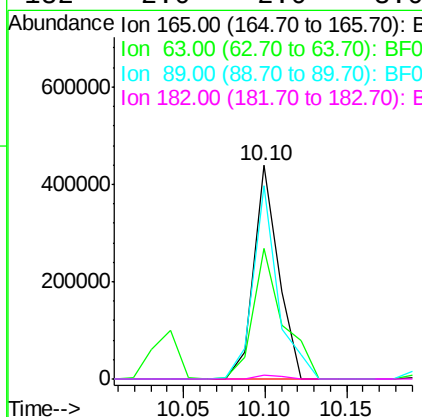
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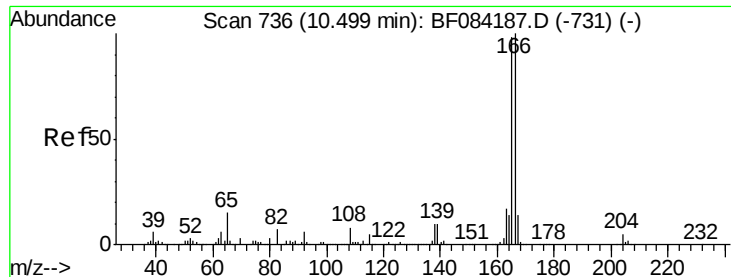
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#56
2,4-Dinitrotoluene
Concen: 38.38 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.1	36.7	55.1#	
89	90.5	61.9	92.9	
182	2.0	2.0	3.0#	





#57

Fluorene

Concen: 41.09 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1556942

Ion Ratio Lower Upper

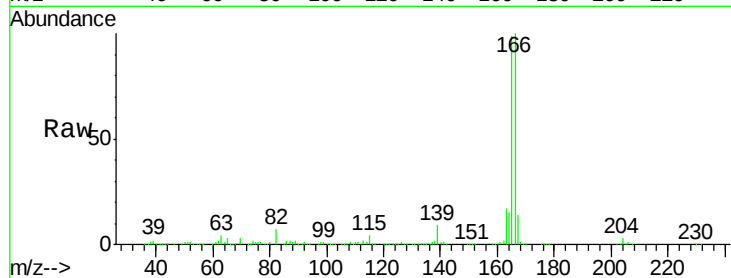
166 100

165 98.9 79.1 118.7

167 13.7 10.4 15.6

Manual Integrations
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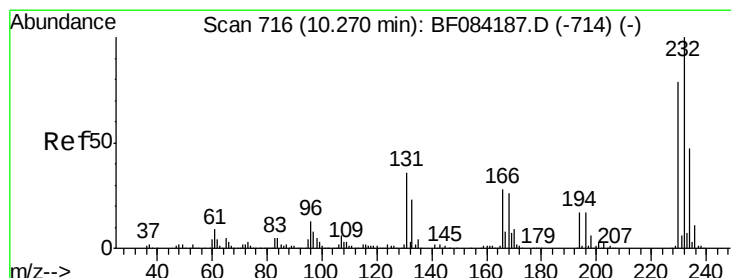
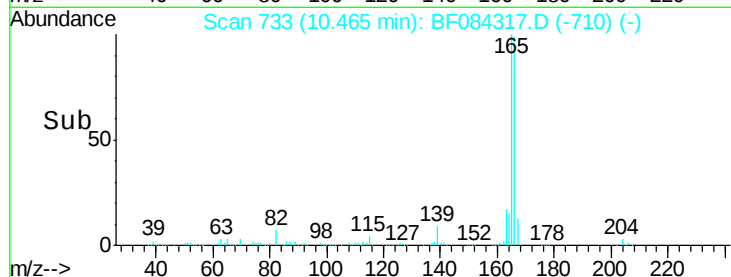
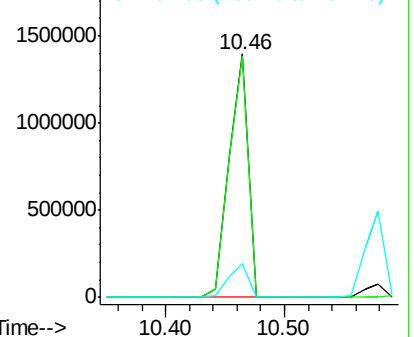
UMANGI
1/8/2016 10:43:02 AM



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: 37.47 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Tgt Ion:232 Resp: 401364

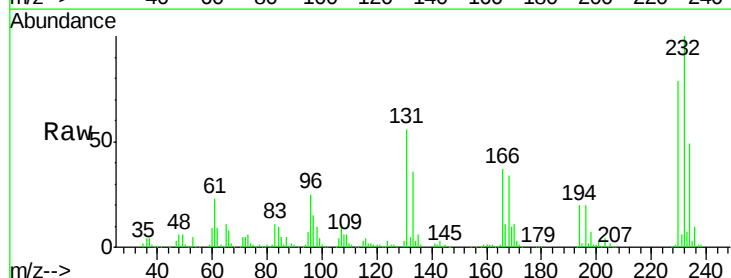
Ion Ratio Lower Upper

232 100

131 54.8 47.0 70.6

130 2.8 2.0 3.0

166 35.0 30.5 45.7

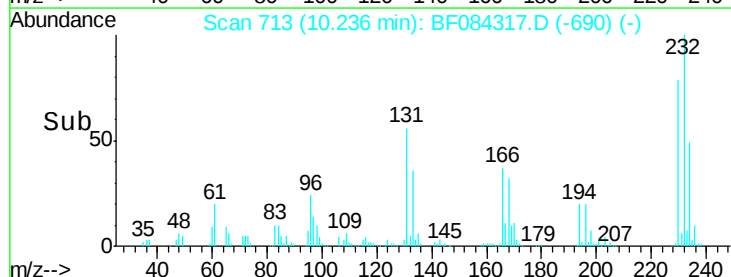
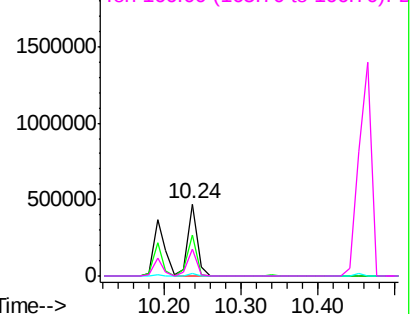


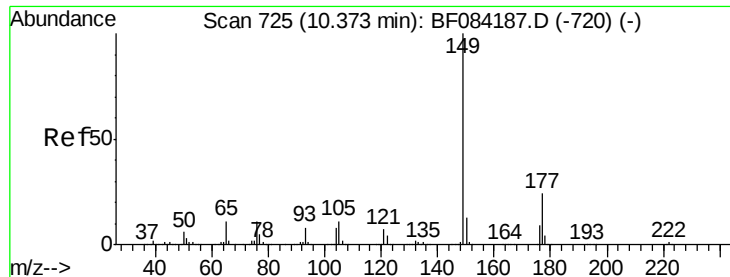
Abundance Ion 232.00 (231.70 to 232.70): E

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





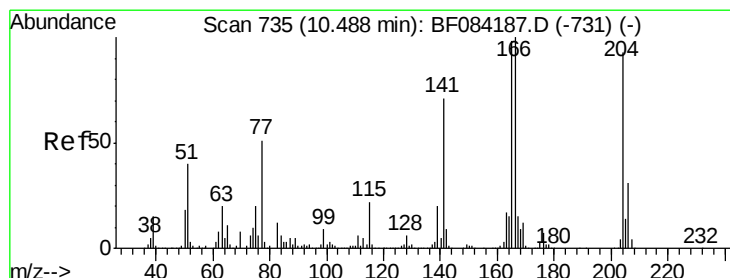
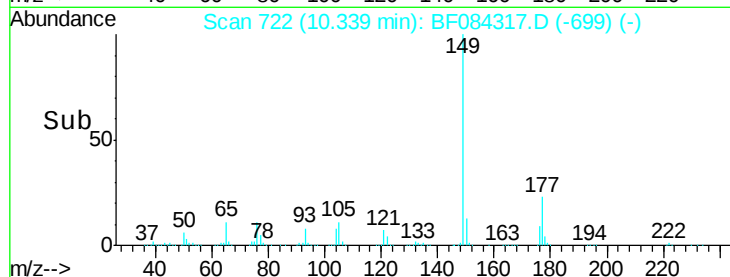
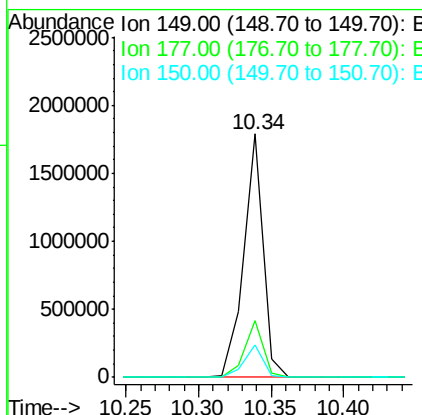
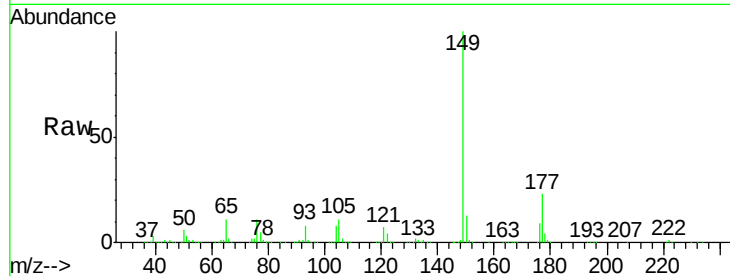
#59
Diethylphthalate
Concen: 38.68 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1658768
Ion Ratio Lower Upper
149 100
177 23.1 17.3 25.9
150 13.5 9.8 14.8

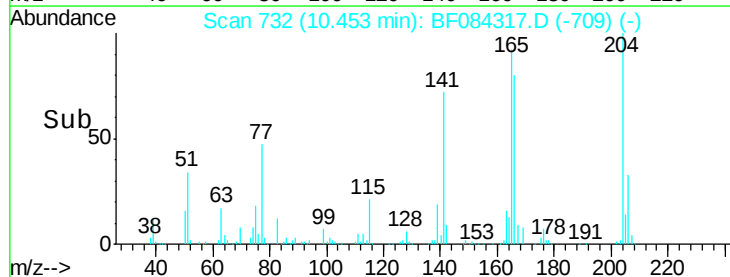
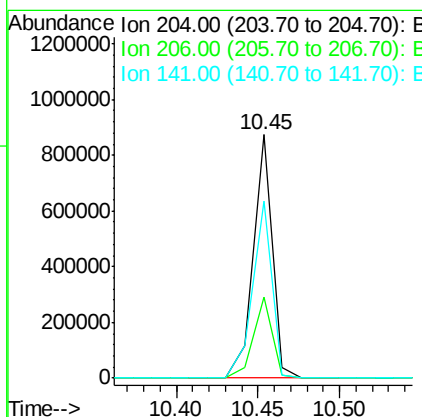
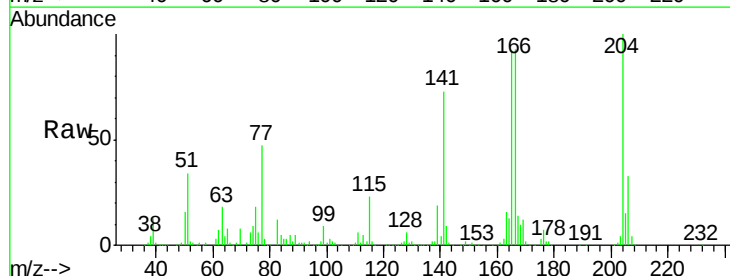
Manual Integrations
APPROVED

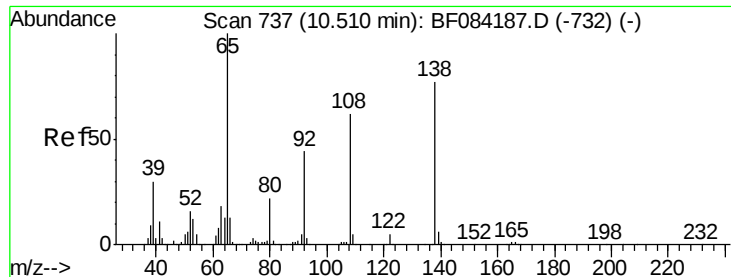
UMANGI
1/8/2016 10:43:02 AM



#60
4-Chlorophenyl-phenylether
Concen: 44.23 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion:204 Resp: 705665
Ion Ratio Lower Upper
204 100
206 33.2 25.7 38.5
141 72.6 55.1 82.7





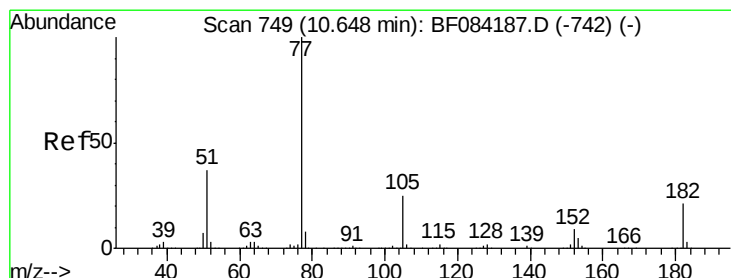
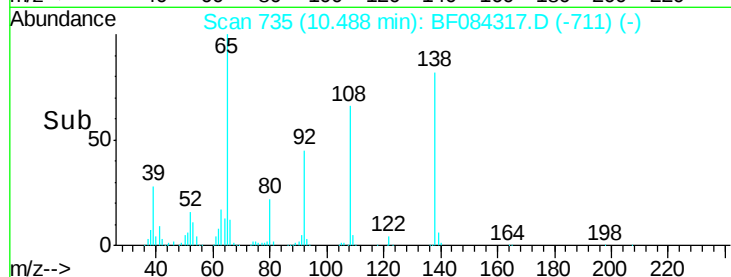
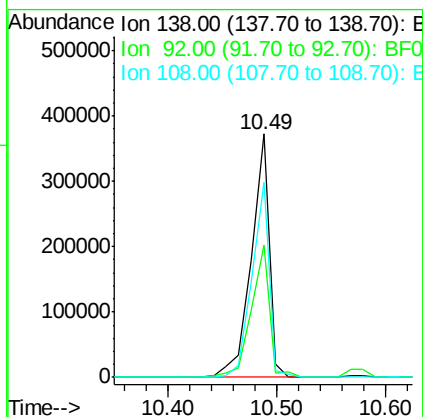
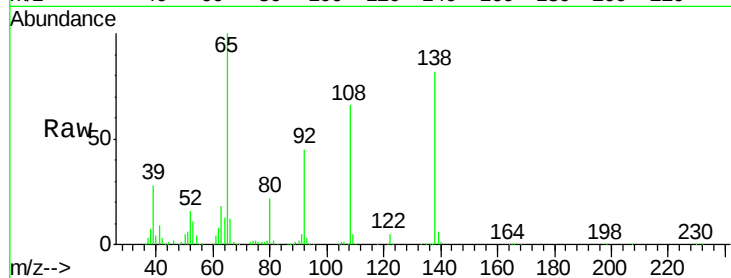
#61
4-Nitroaniline
Concen: 40.84 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.2	32.6	72.6
108	80.0	68.6	108.6

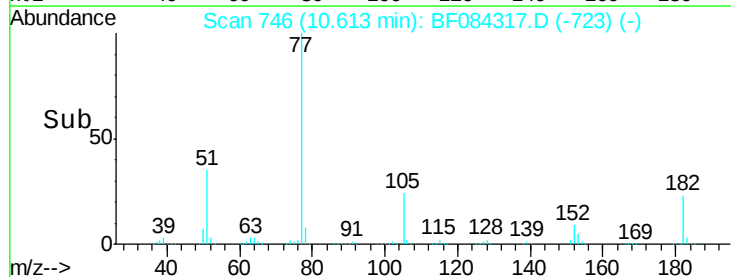
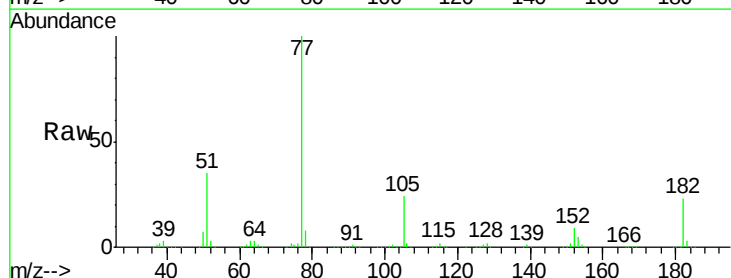
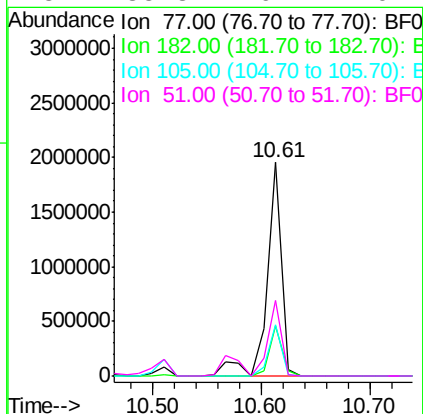
Manual Integrations
APPROVED

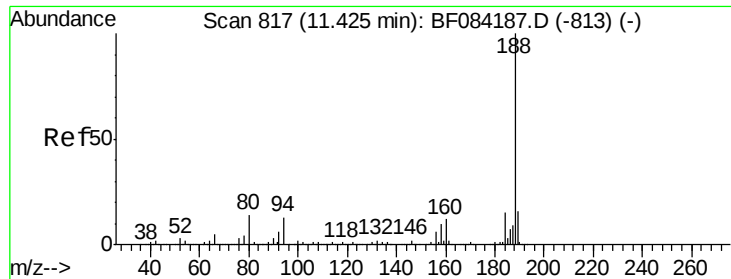
UMANGI
1/8/2016 10:43:02 AM



#62
Azobenzene
Concen: 39.24 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	8.3	48.3
105	24.0	4.6	44.6
51	35.3	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 1080006

Ion Ratio Lower Upper

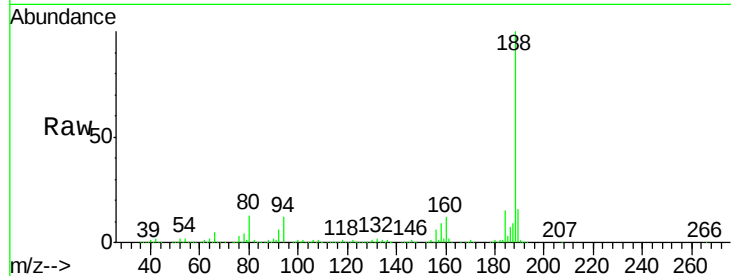
188 100

94 11.7 9.0 13.4

80 12.7 9.6 14.4

Manual Integrations
APPROVED

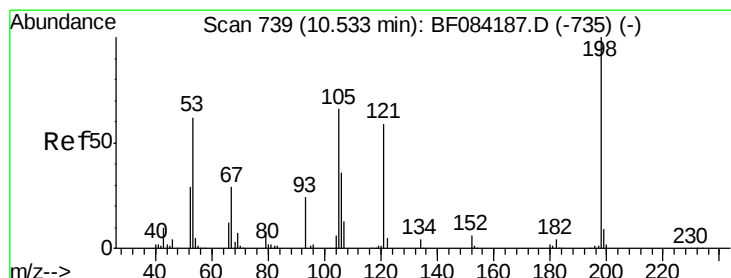
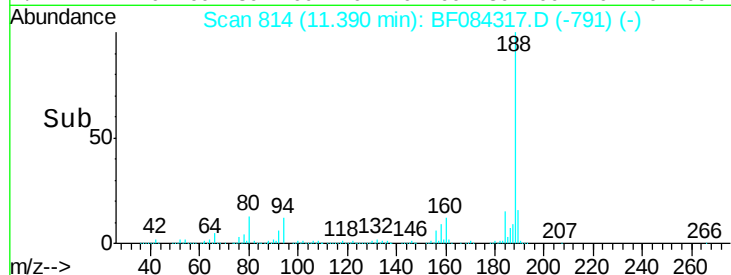
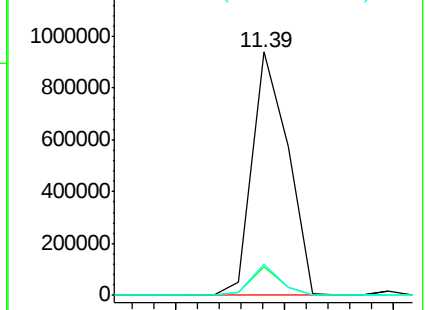
UMANGI
1/8/2016 10:43:02 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.14 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

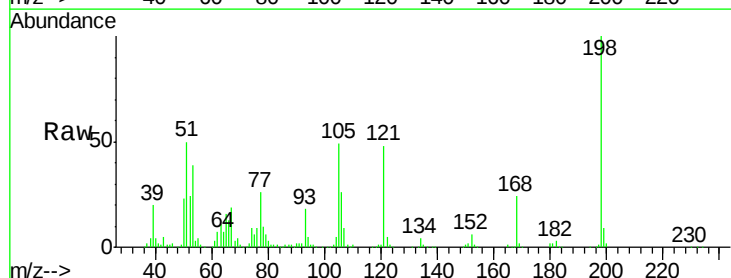
Tgt Ion:198 Resp: 251568

Ion Ratio Lower Upper

198 100

51 50.0 18.9 58.9

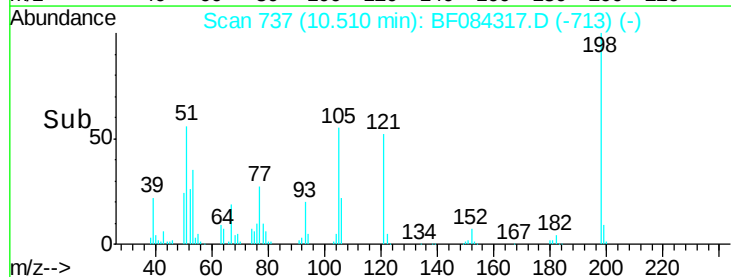
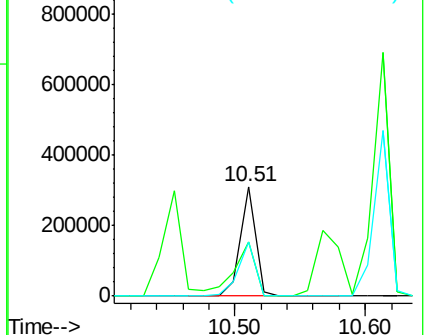
105 49.1 26.4 66.4

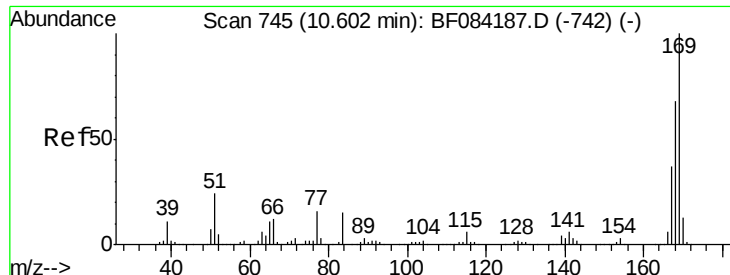


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





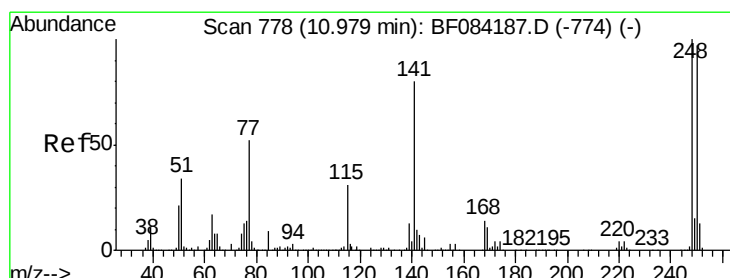
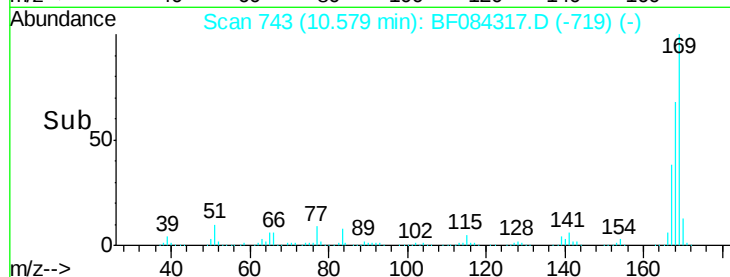
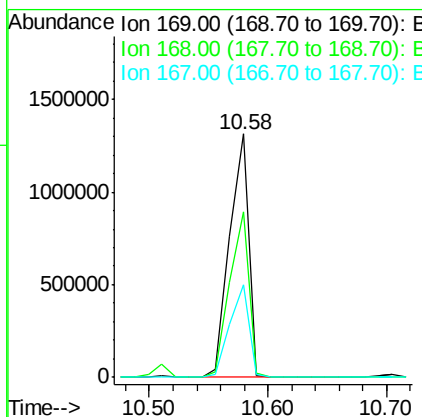
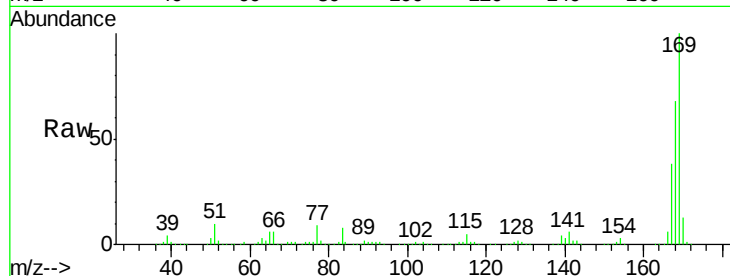
#65
n-Nitrosodiphenylamine
Concen: 42.24 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 1458552
Ion Ratio Lower Upper
169 100
168 67.9 55.1 82.7
167 37.8 30.0 45.0

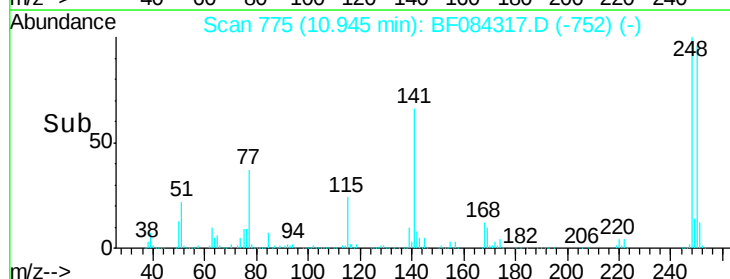
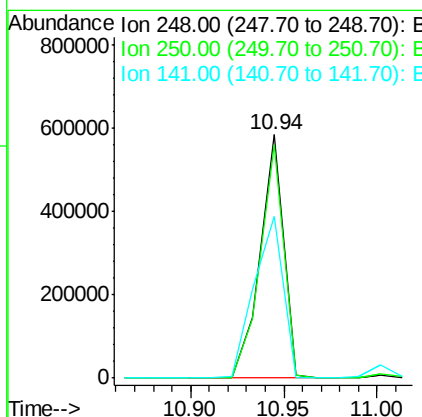
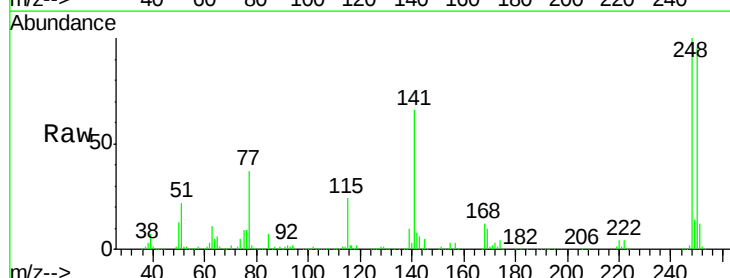
Manual Integrations
APPROVED

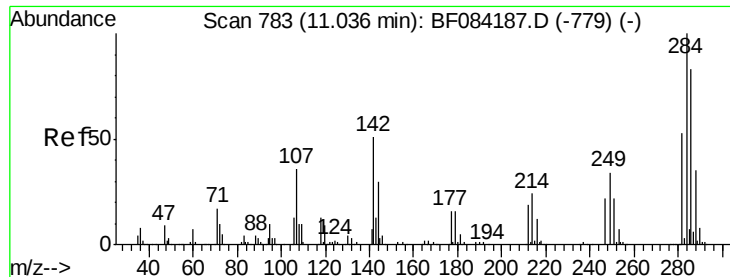
UMANGI
1/8/2016 10:43:02 AM



#66
4-Bromophenyl-phenylether
Concen: 43.64 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion:248 Resp: 507309
Ion Ratio Lower Upper
248 100
250 95.9 78.4 117.6
141 66.3 44.0 66.0#





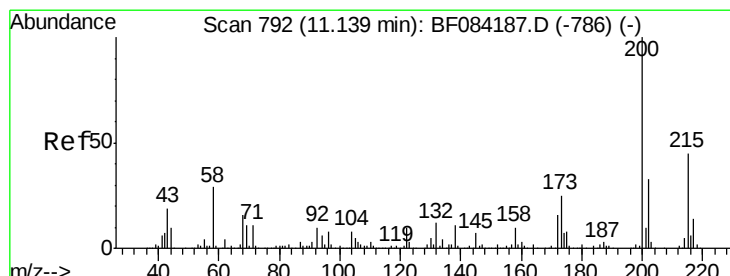
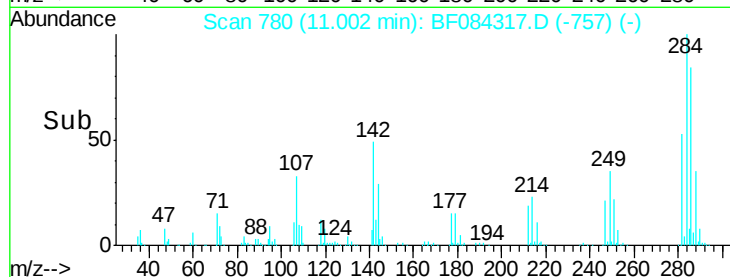
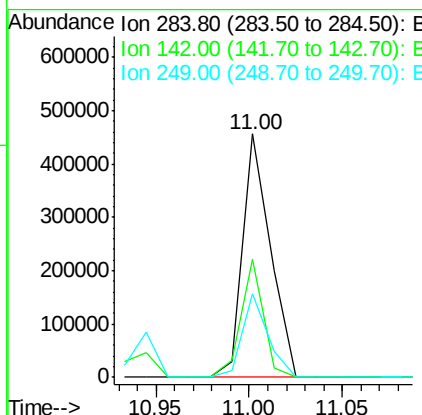
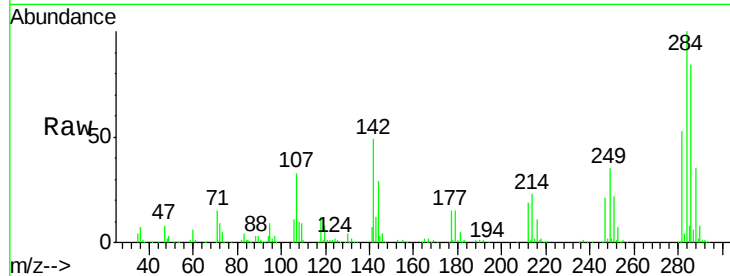
#67
Hexachlorobenzene
Concen: 36.07 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	471935		
142	48.6	22.2	33.4#	
249	34.5	24.6	37.0	

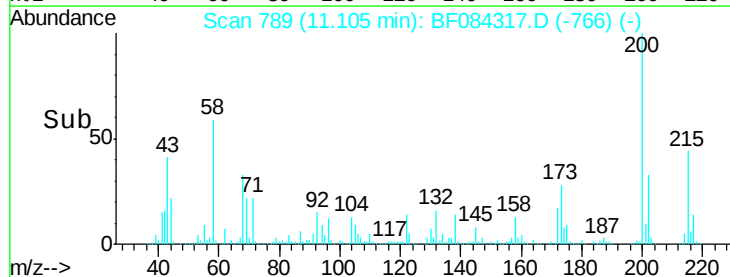
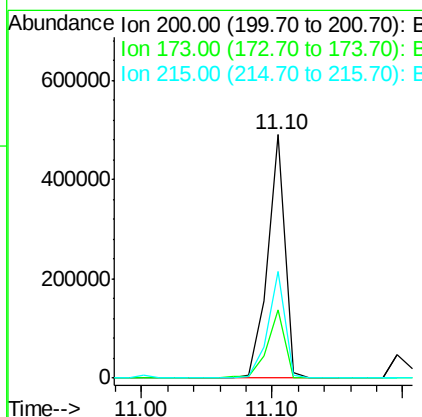
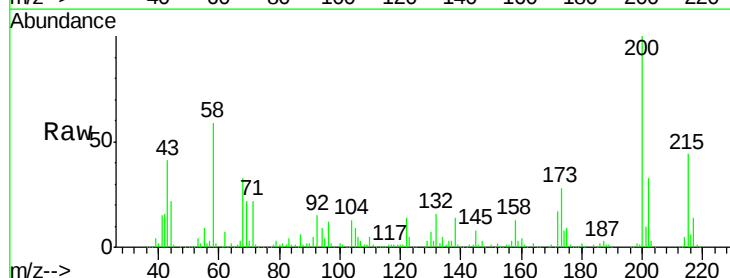
Manual Integrations
APPROVED

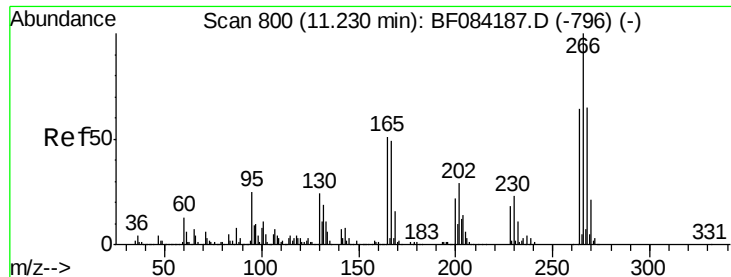
UMANGI
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#68
Atrazine
Concen: 40.34 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	455816		
173	27.8	9.5	49.5	
215	43.7	23.8	63.8	





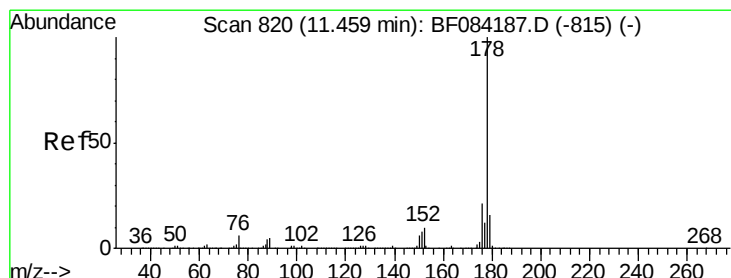
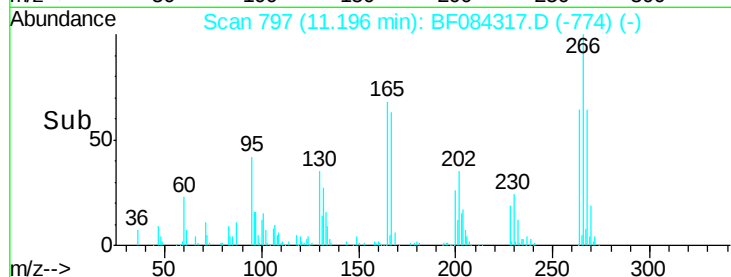
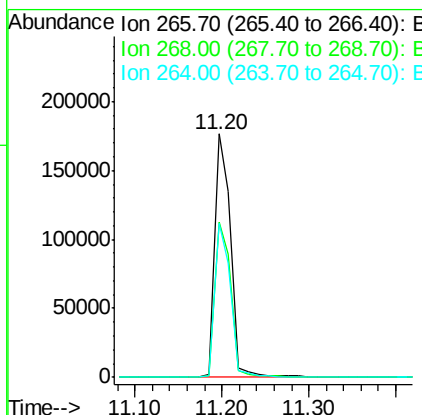
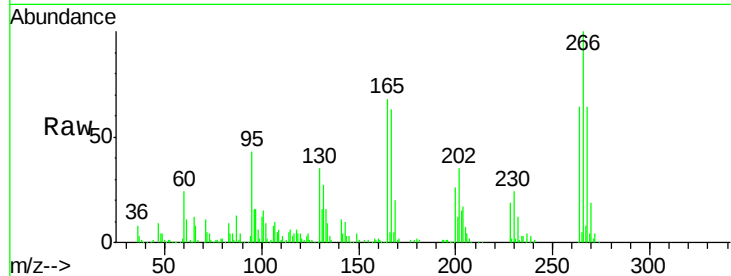
#69
 Pentachlorophenol
 Concen: 33.78 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.4	78.6
264	63.5	50.2	75.2

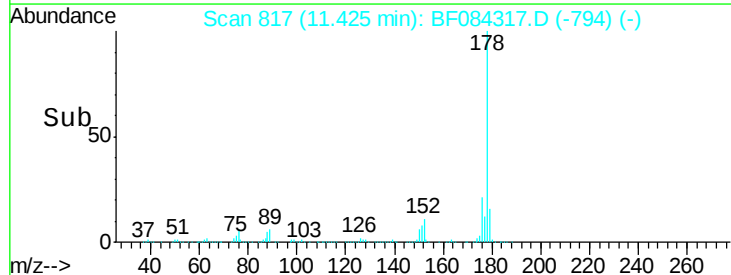
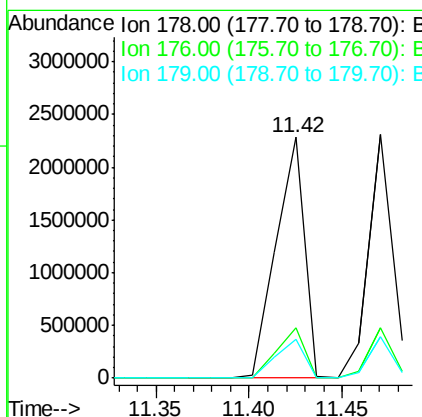
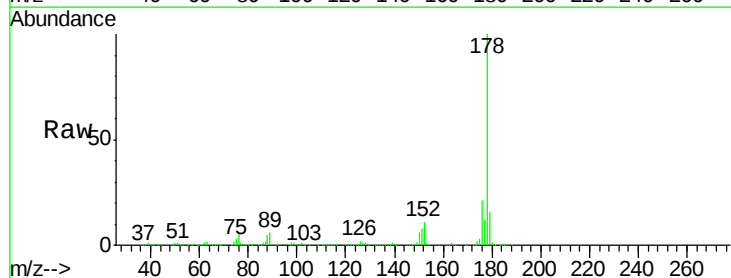
Manual Integrations
 APPROVED

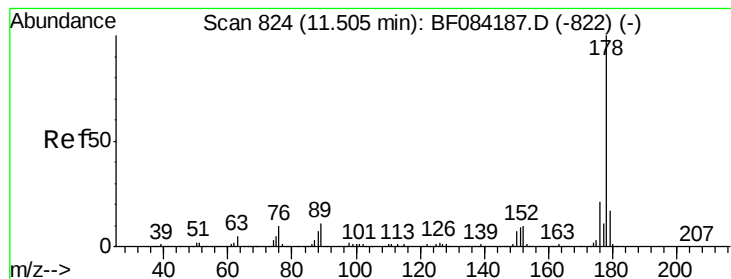
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 1/8/2016 10:43:02 AM



#70
 Phenanthrene
 Concen: 42.76 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.3	22.9
179	16.3	12.0	18.0





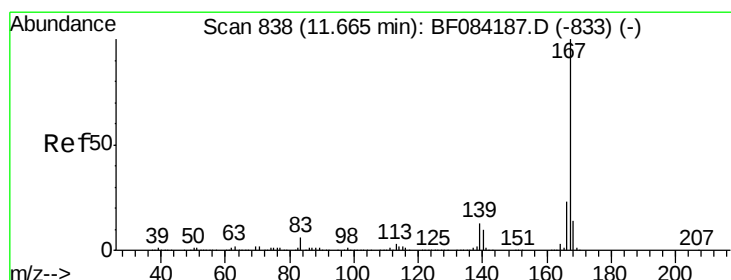
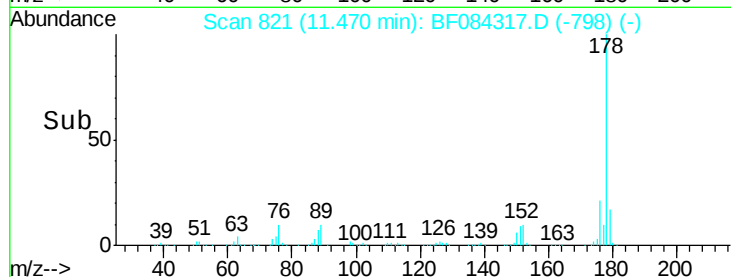
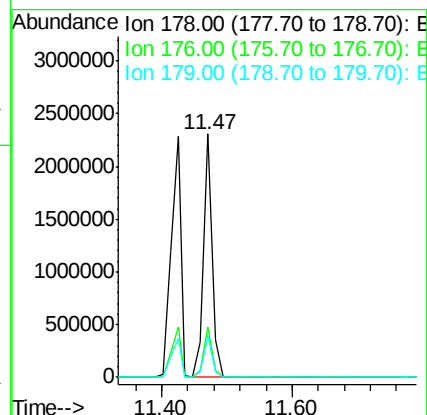
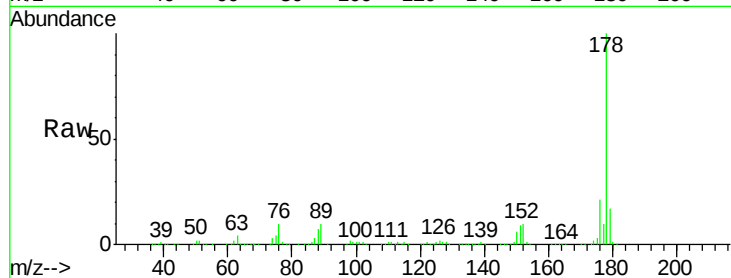
#71
 Anthracene
 Concen: 37.48 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.4	23.0
179	17.0	12.5	18.7

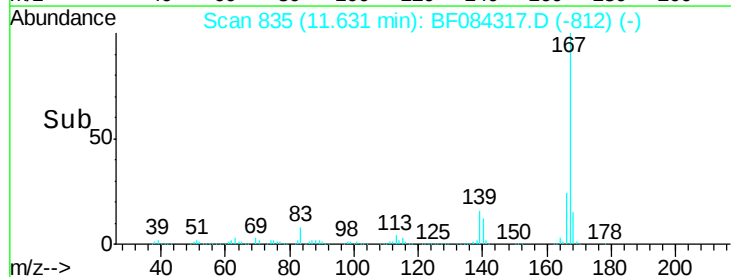
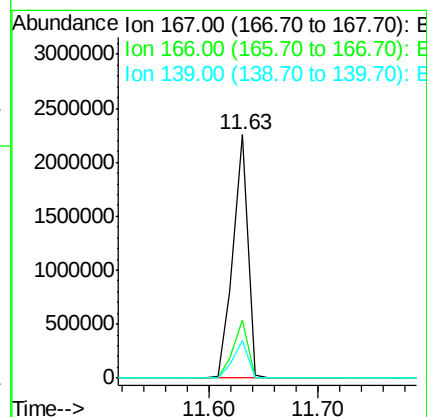
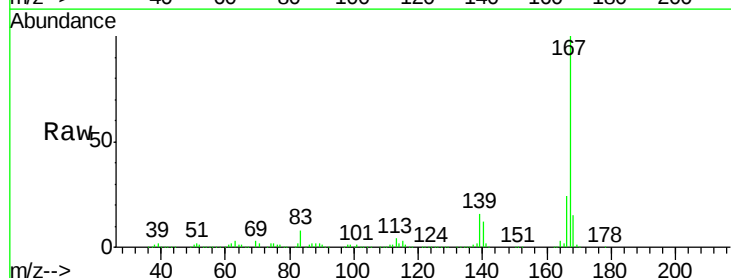
Manual Integrations
 APPROVED

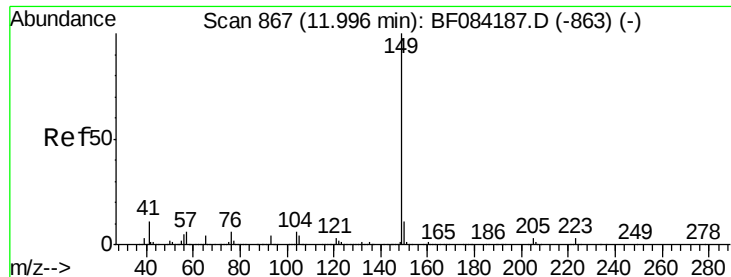
UMANGI
 1/8/2016 10:43:02 AM



#72
 Carbazole
 Concen: 39.35 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.6	26.4
139	15.6	11.8	17.8





#73

Di-n-butylphthalate

Concen: 42.22 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2468686

Ion Ratio Lower Upper

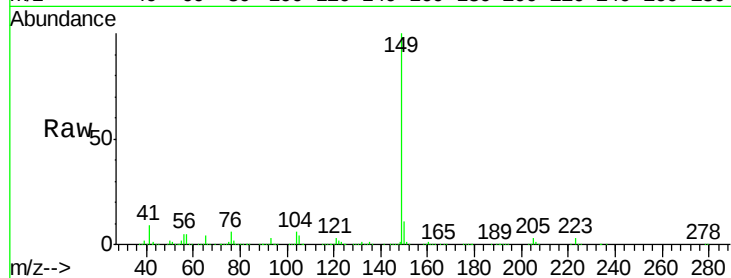
149 100

150 10.6 7.1 10.7

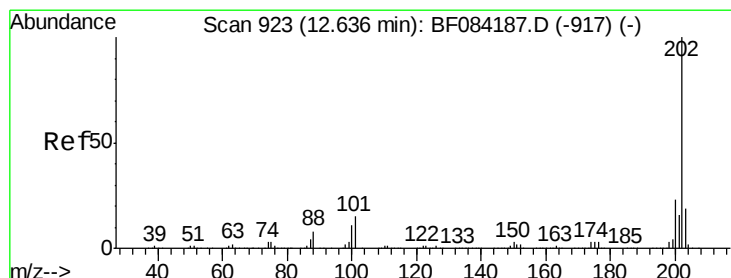
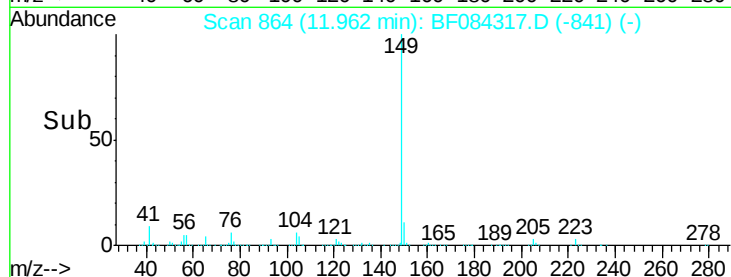
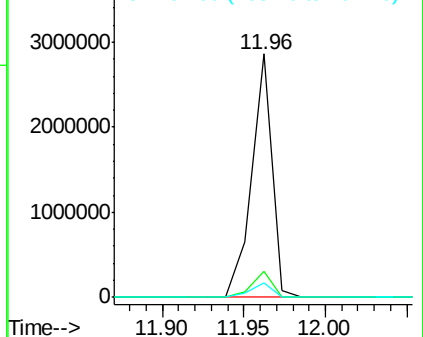
104 6.2 3.2 4.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.53 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

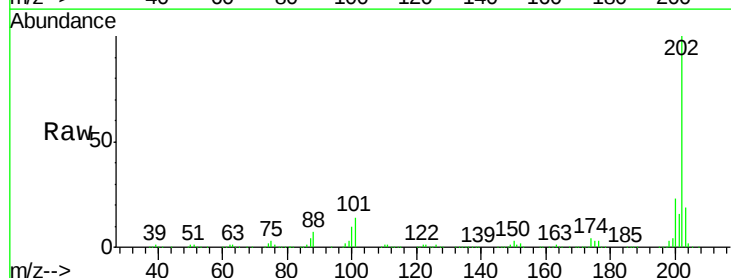
Tgt Ion:202 Resp: 2155834

Ion Ratio Lower Upper

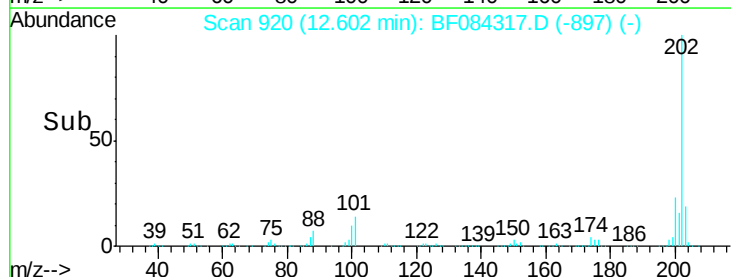
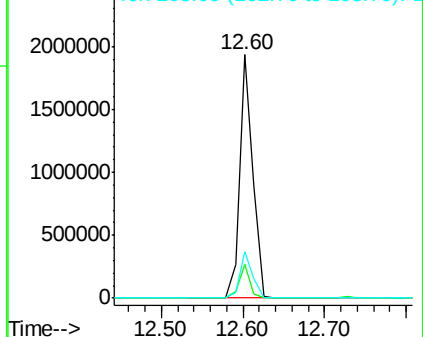
202 100

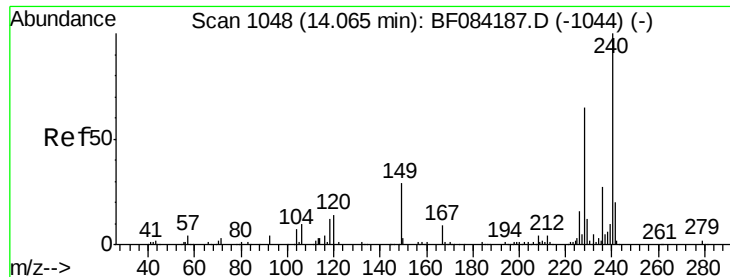
101 13.9 0.0 32.8

203 19.0 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

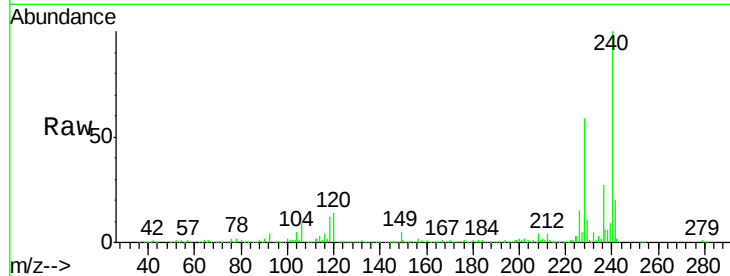
ClientSampleId :

SSTDCCC040

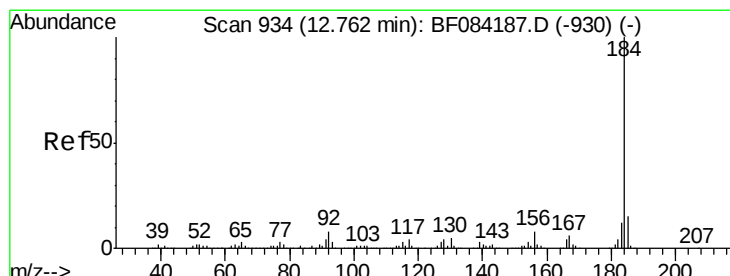
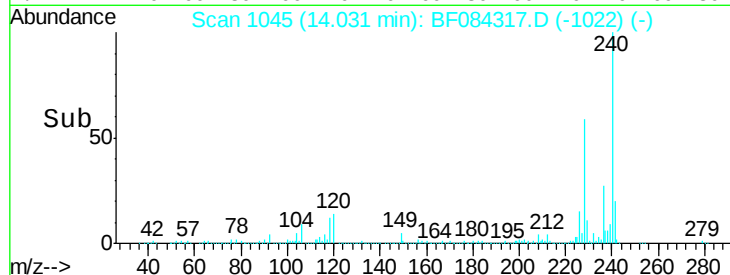
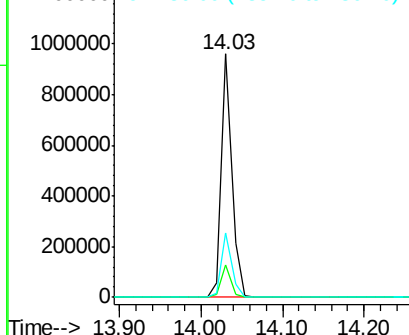
Tot Ion:	240	Resp:	858417
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	26.5	20.6	31.0

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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: 33.94 ng

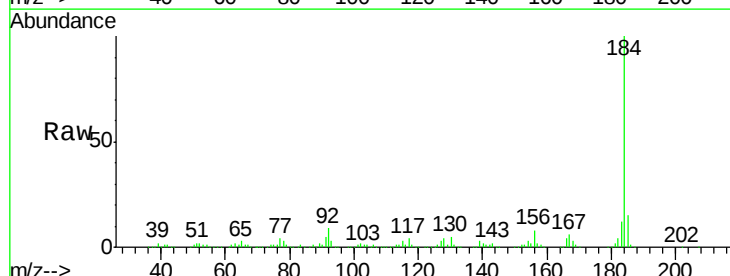
RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

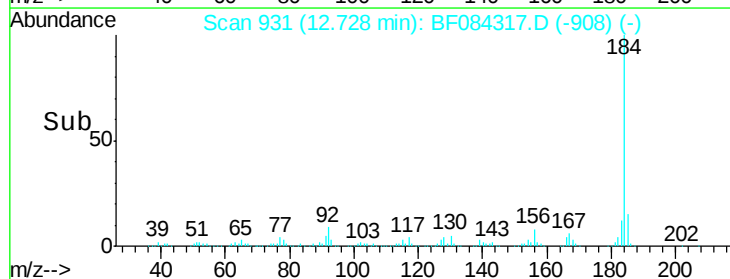
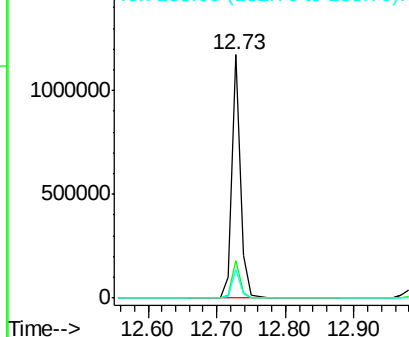
Lab File: BF084317.D

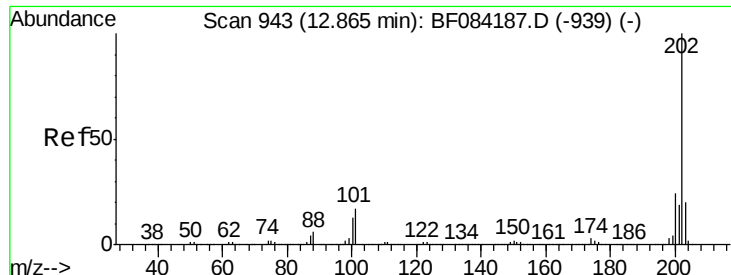
Acq: 8 Jan 2016 00:02

Tgt Ion:	184	Resp:	1044570
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	11.7	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





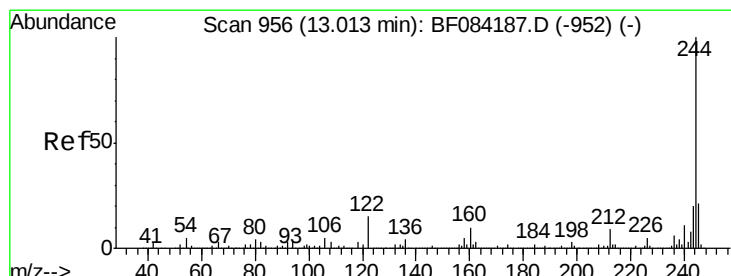
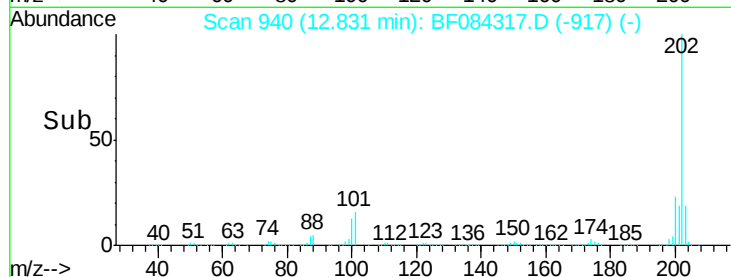
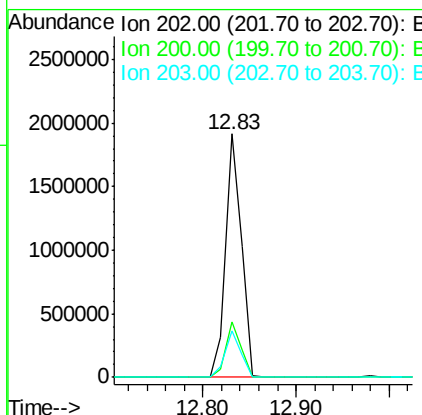
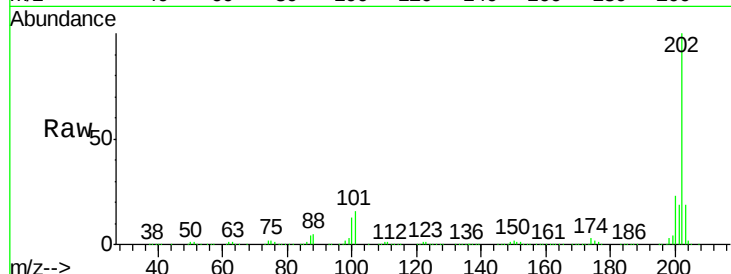
#77
Pvrene
Concen: 33.41 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.2	25.8
203	19.2	14.3	21.5

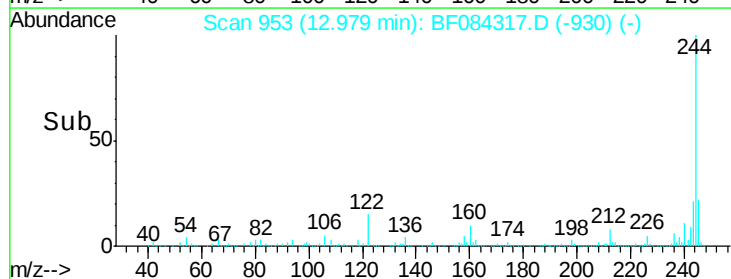
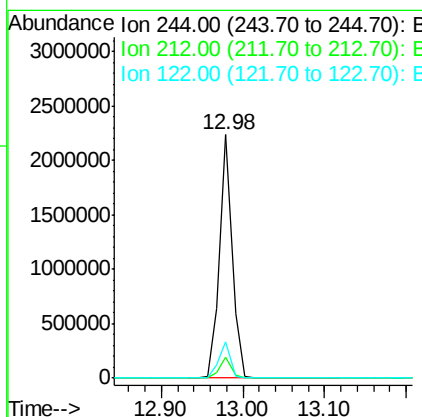
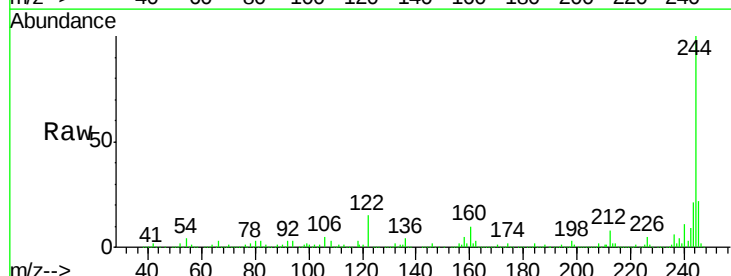
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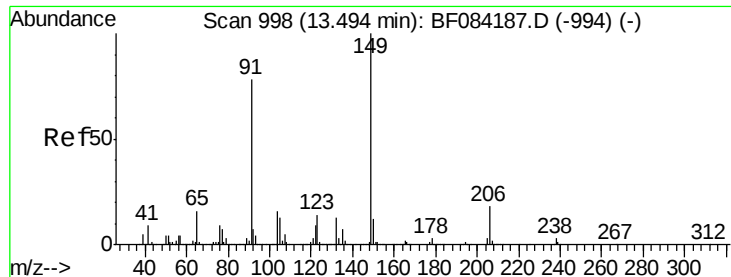
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#78
Terphenyl-d14
Concen: 62.58 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.7	8.5
122	14.9	7.4	11.0#





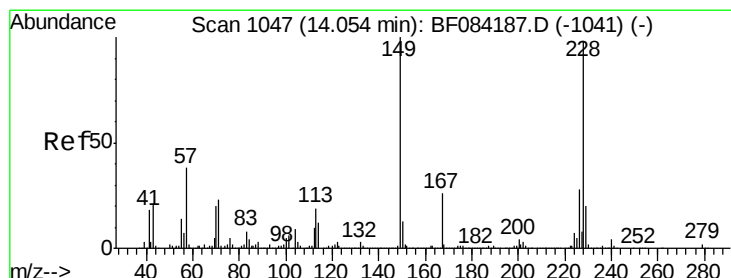
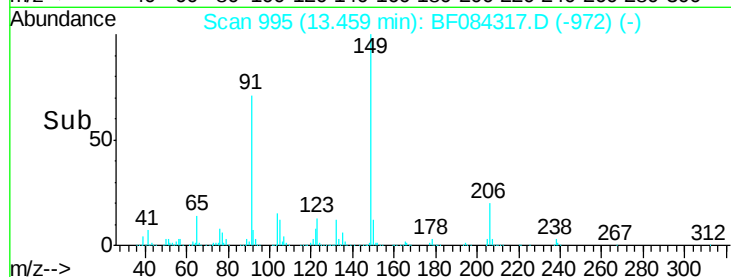
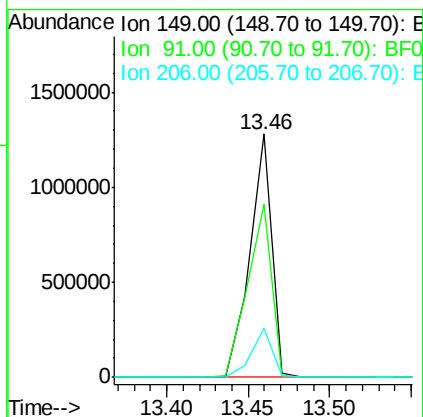
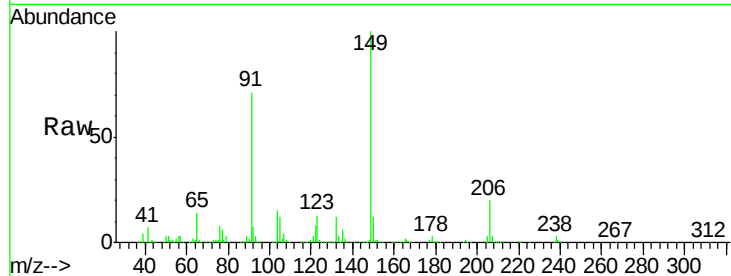
#79
Butylbenzylphthalate
Concen: 40.82 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.6	86.4
206	19.9	13.2	19.8

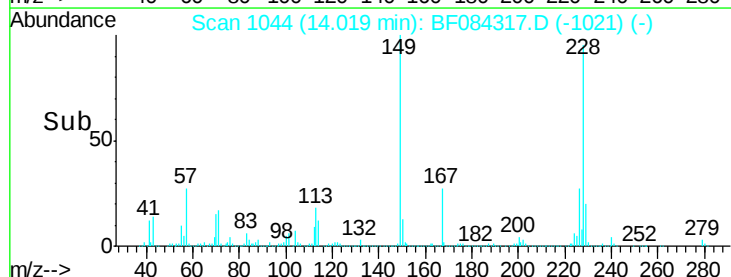
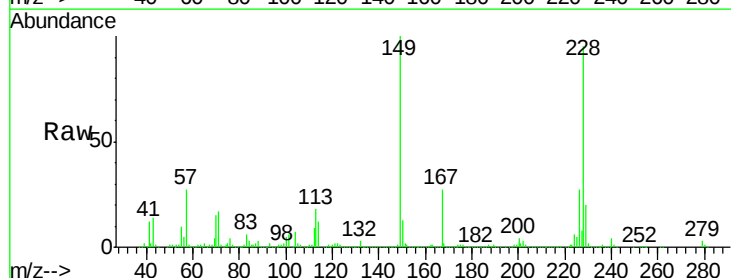
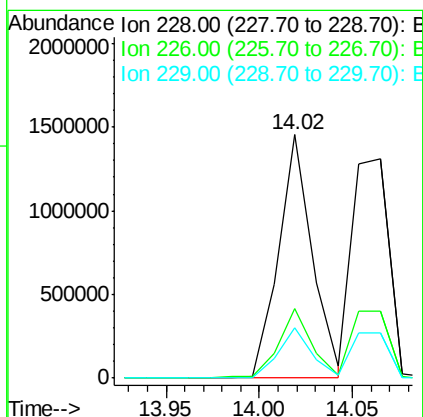
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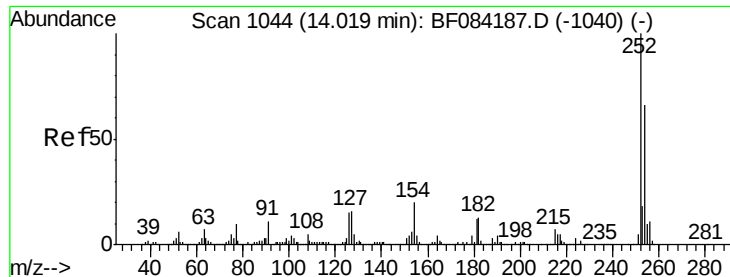
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#80
Benzo(a)anthracene
Concen: 36.28 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	20.9	15.8	23.8





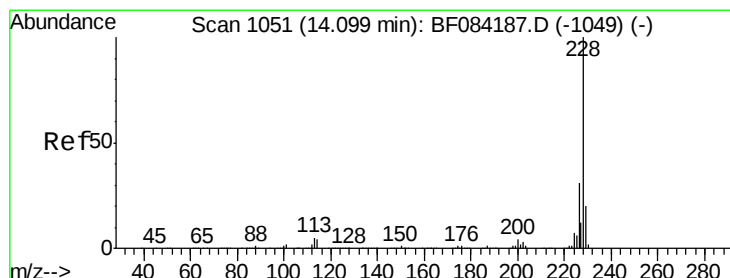
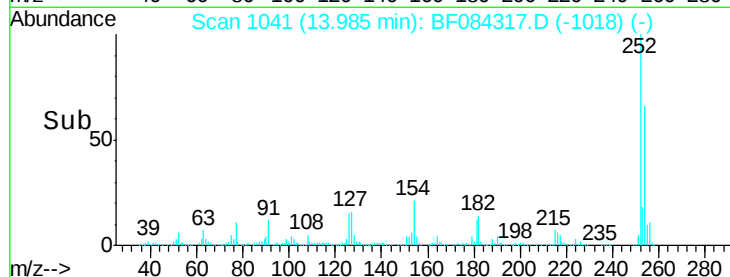
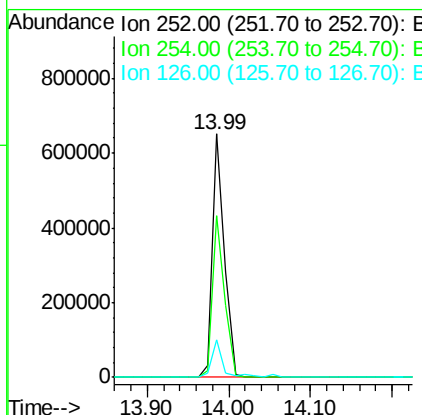
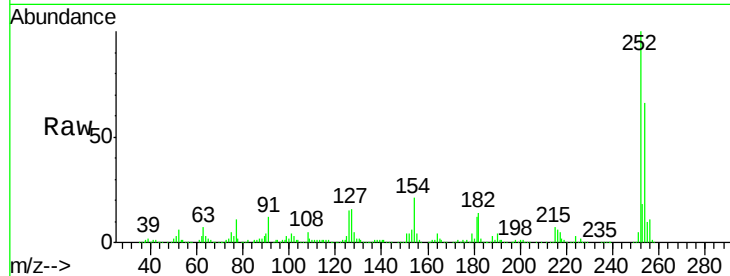
#81
 3,3'-Dichlorobenzidine
 Concen: 38.14 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.4	53.5	80.3
126	15.4	4.9	7.3

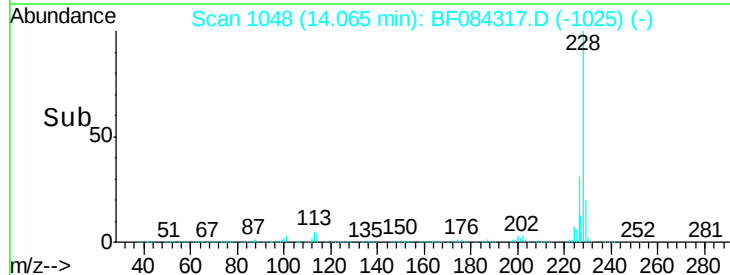
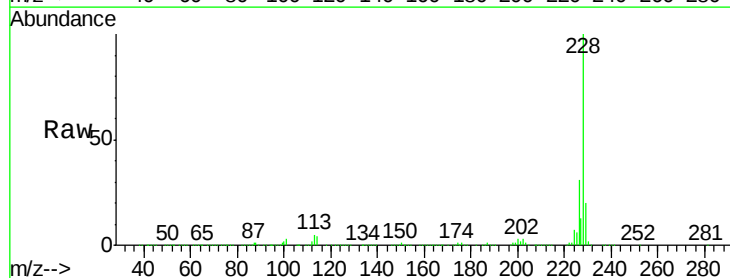
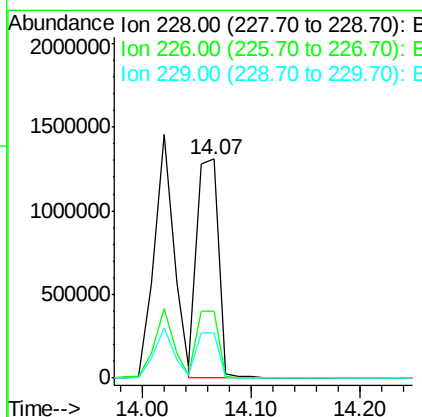
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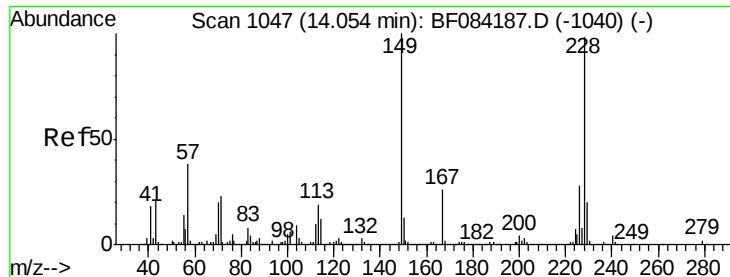
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#82
 Chrysene
 Concen: 37.45 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.4	16.1	24.1





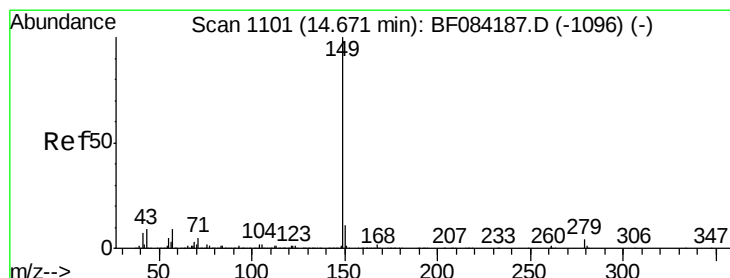
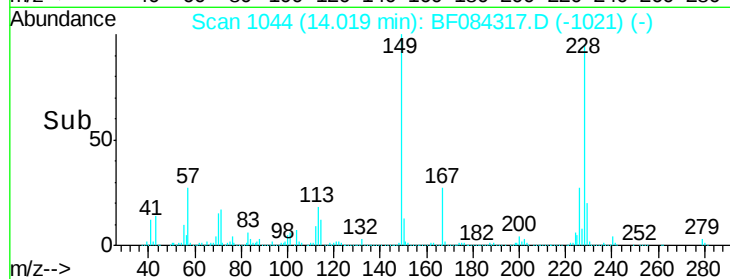
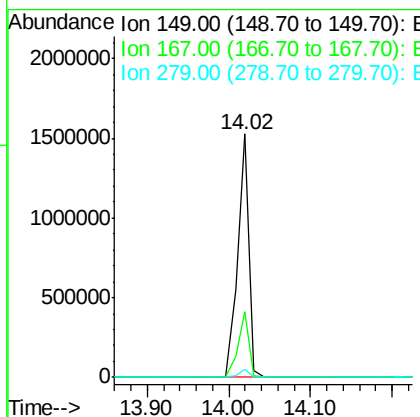
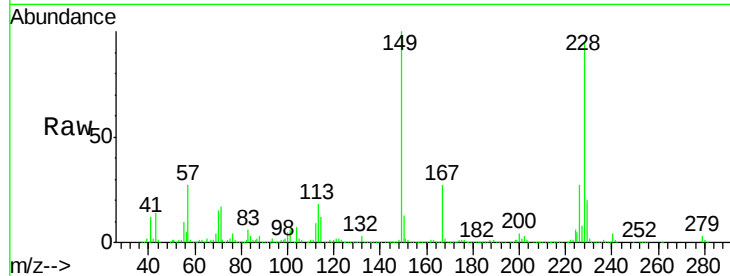
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.87 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1468313
 Ion Ratio Lower Upper
 149 100
 167 27.1 19.7 29.5
 279 3.4 1.8 2.6#

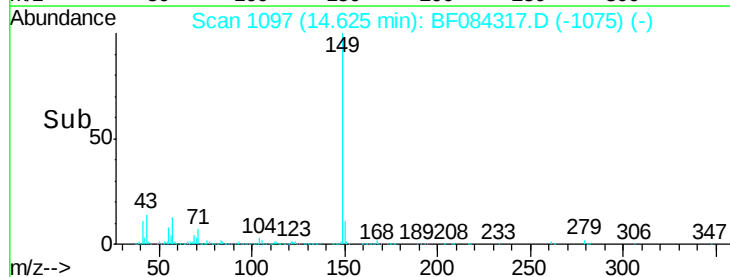
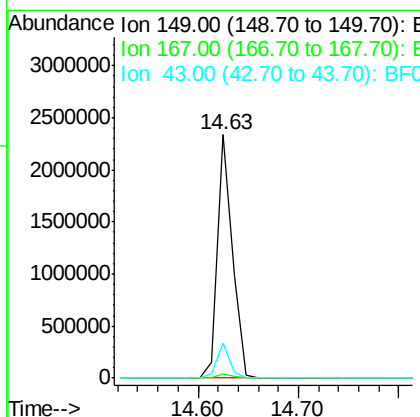
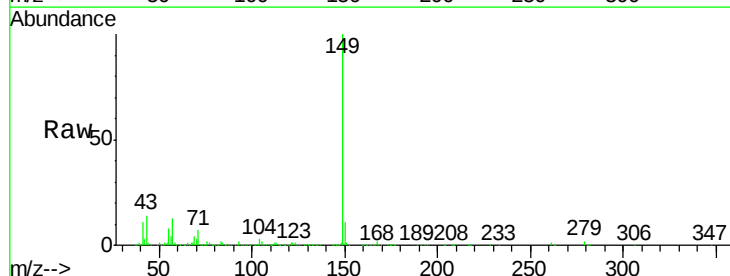
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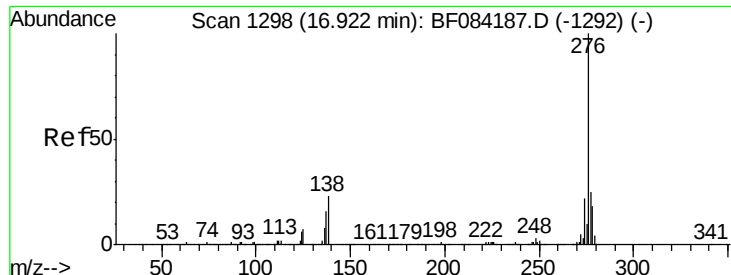
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#84
 Di-n-octyl phthalate
 Concen: 38.79 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.05 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Tgt Ion:149 Resp: 2411719
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.4 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.25 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.06 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1698995

Ion Ratio Lower Upper

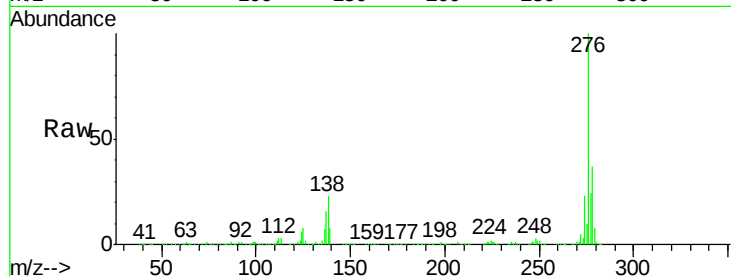
276 100

138 25.6 20.6 30.8

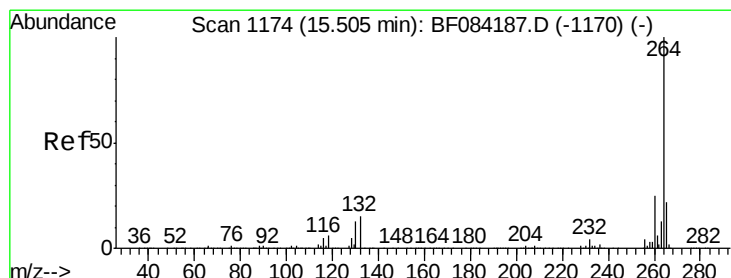
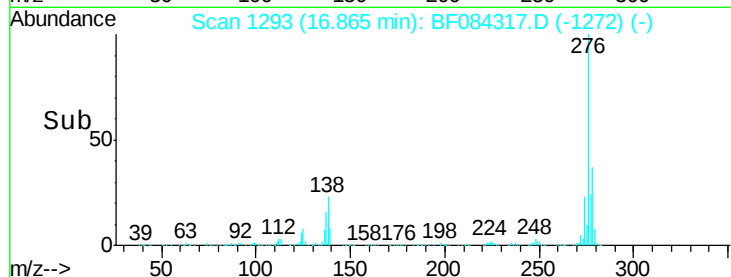
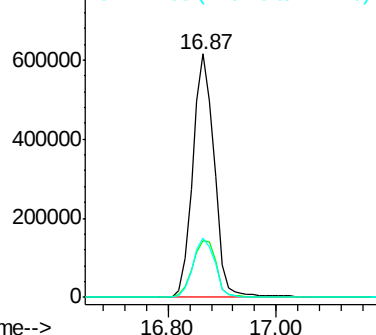
277 25.0 20.1 30.1

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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: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084317.D

Acq: 8 Jan 2016 00:02

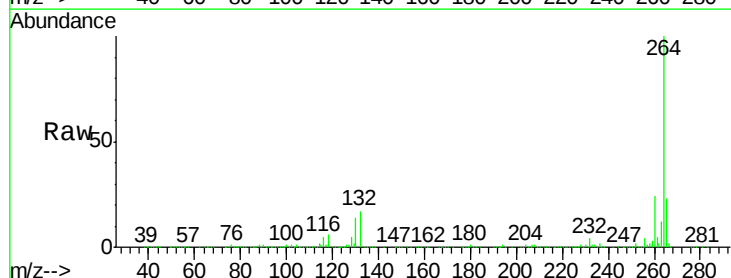
Tgt Ion:264 Resp: 726417

Ion Ratio Lower Upper

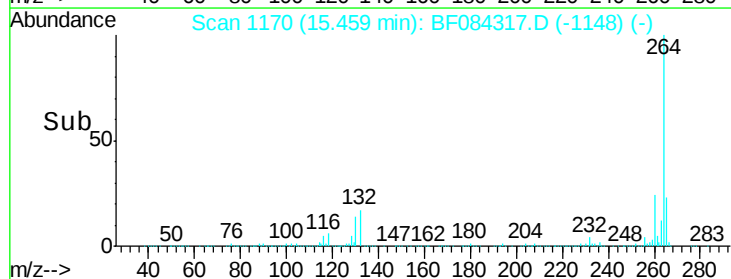
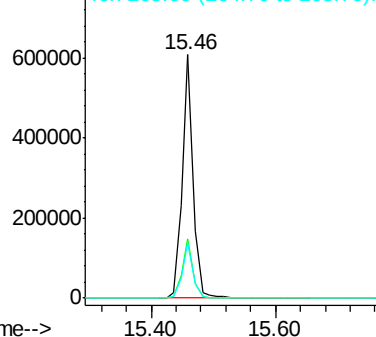
264 100

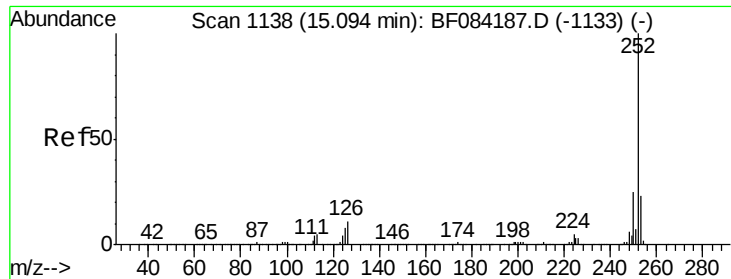
260 24.4 19.4 29.2

265 22.6 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





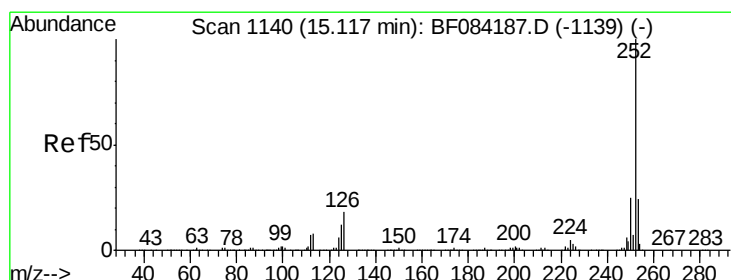
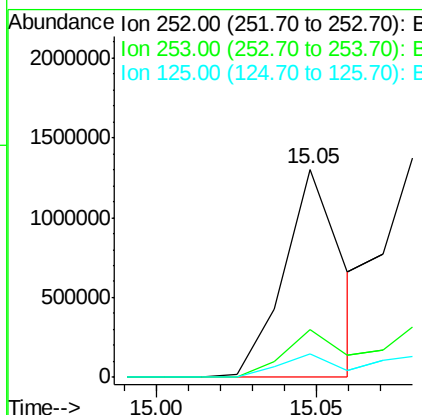
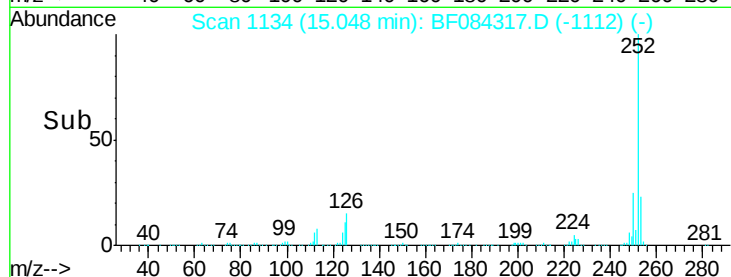
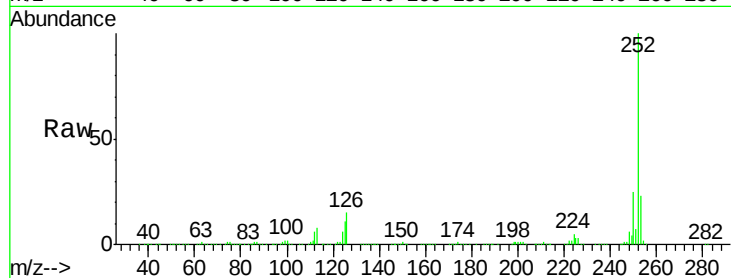
#87
Benzo(b)fluoranthene
Concen: 34.76 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1651829
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 11.4 6.5 9.7#

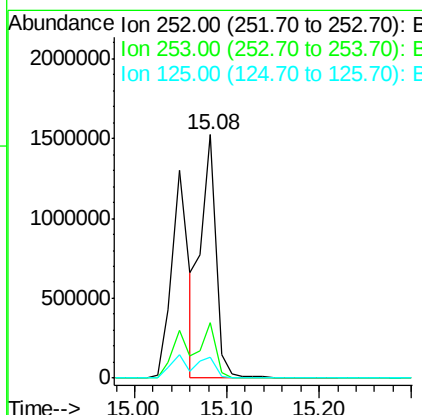
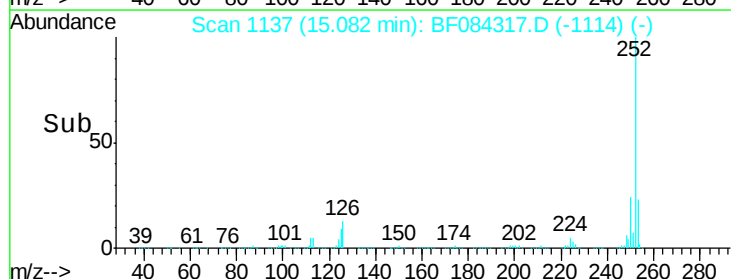
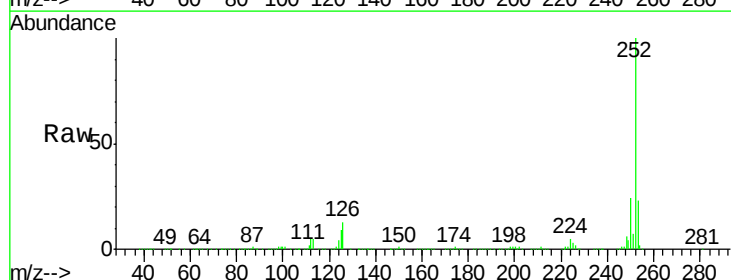
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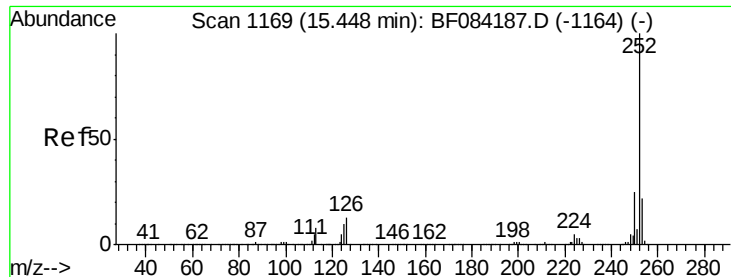
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#88
Benzo(k)fluoranthene
Concen: 44.53 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion:252 Resp: 1730717
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 8.7 9.0 13.6#





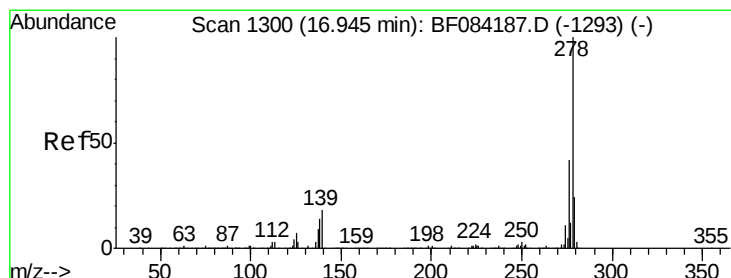
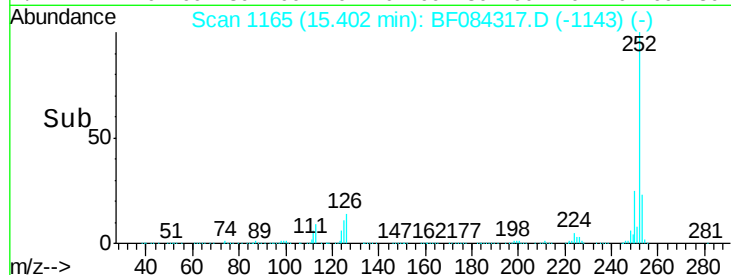
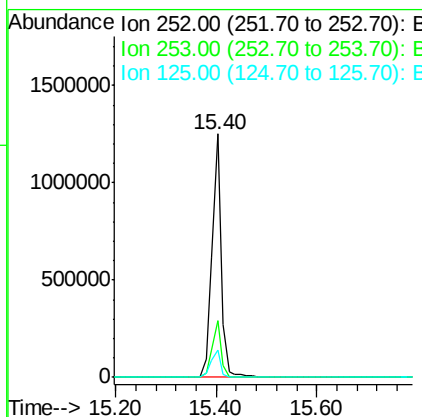
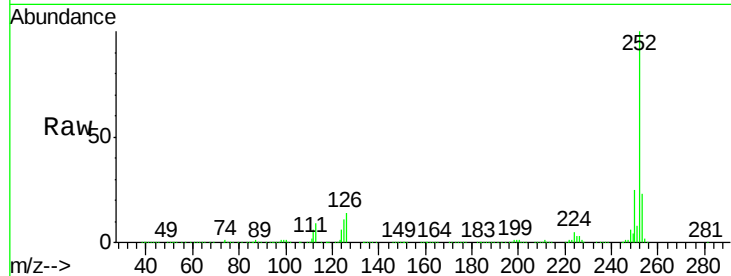
#89
Benzo(a)pyrene
Concen: 39.51 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1592604
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 11.3 7.0 10.4#

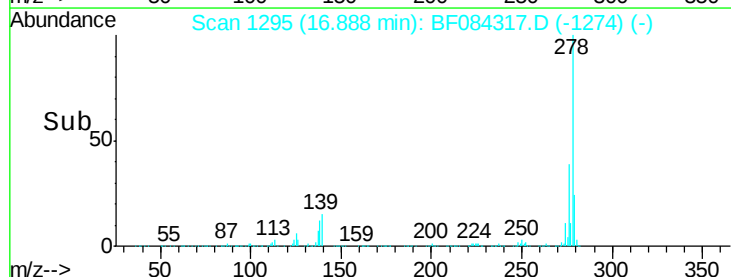
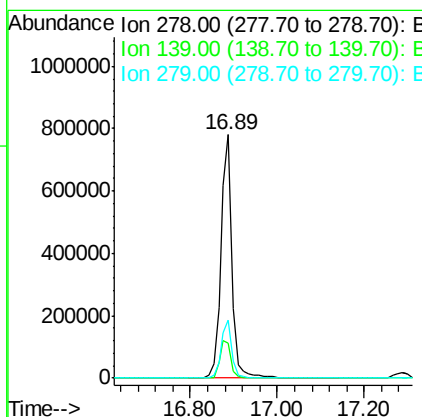
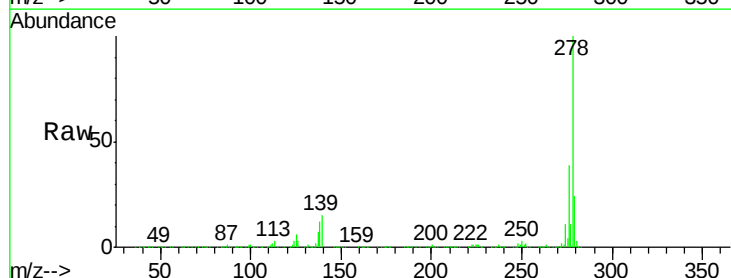
Manual Integrations
APPROVED

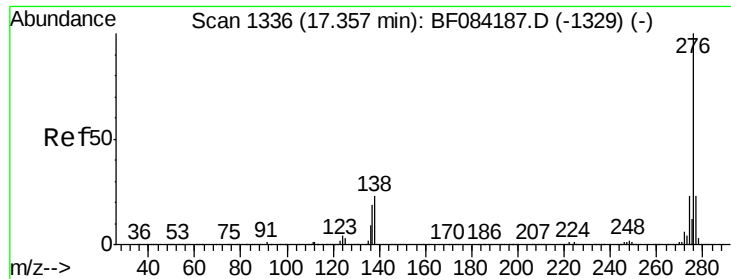
UMANGI
1/8/2016 10:43:02 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.27 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.06 min
Lab File: BF084317.D
Acq: 8 Jan 2016 00:02

Tgt Ion:278 Resp: 1396716
Ion Ratio Lower Upper
278 100
139 14.6 15.0 22.4#
279 24.1 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 39.82 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.07 min
 Lab File: BF084317.D
 Acq: 8 Jan 2016 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	23.5	17.8	26.6

Manual Integrations
 APPROVED

UMANGI
 1/8/2016 10:43:02 AM

