

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
 Data File : BF084339.D
 Acq On : 8 Jan 2016 20:29
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:37 AM

Quant Time: Jan 09 04:30:11 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	341486	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1371678	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	678090	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1275522	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	900714	20.00	ng	-0.03
86) Perylene-d12	15.45	264	725714	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1590089	75.32	ng	-0.02
7) Phenol-d6	6.52	99	1936904	73.05	ng	-0.01
23) Nitrobenzene-d5	7.44	82	2000587	81.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	498951	72.88	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	3051804	78.70	ng	-0.03
78) Terphenyl-d14	12.98	244	3143510	77.90	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	390569	39.05	ng	# 75
3) Pyridine	3.17	79	1072148	38.45	ng	# 72
4) n-Nitrosodimethylamine	3.14	42	571984	39.96	ng	79
6) Aniline	6.52	93	1294595	33.38	ng	94
8) 2-Chlorophenol	6.66	128	953196	39.79	ng	90
9) Benzaldehyde	6.41	77	648965	37.59	ng	99
10) Phenol	6.53	94	1142790	37.91	ng	86
11) bis(2-Chloroethyl)ether	6.60	93	929460	39.80	ng	84
12) 1,3-Dichlorobenzene	6.80	146	918999m	37.19	ng	
13) 1,4-Dichlorobenzene	6.88	146	940766	37.97	ng	97
14) 1,2-Dichlorobenzene	7.04	146	956458	40.31	ng	98
15) Benzyl Alcohol	7.01	79	776031	34.79	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1436985	33.79	ng	# 31
17) 2-Methylphenol	7.14	107	793168	39.51	ng	# 89
18) Hexachloroethane	7.37	117	385186	38.87	ng	# 88
19) n-Nitroso-di-n-propylamine	7.29	70	610879	34.03	ng	# 73
20) 3+4-Methylphenols	7.29	107	918670	38.93	ng	# 76
22) Acetophenone	7.28	105	1337178	40.54	ng	# 98
24) Nitrobenzene	7.45	77	902808	36.12	ng	93
25) Isophorone	7.70	82	1912472	40.57	ng	96
26) 2-Nitrophenol	7.77	139	569583	50.07	ng	# 91
27) 2,4-Dimethylphenol	7.81	122	794210	34.49	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	1193003	41.44	ng	98
29) 2,4-Dichlorophenol	8.02	162	822918	42.90	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	778950	39.33	ng	98
31) Naphthalene	8.17	128	2335985	37.54	ng	98
32) Benzoic acid	7.95	122	328010	25.51	ng	91
33) 4-Chloroaniline	8.22	127	1165979	40.87	ng	99
34) Hexachlorobutadiene	8.29	225	473349	41.58	ng	98
35) Caprolactam	8.62	113	274144	42.39	ng	# 51
36) 4-Chloro-3-methylphenol	8.72	107	879168	40.92	ng	92
37) 2-Methylnaphthalene	8.86	142	1880886	42.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	698146	35.81	ng	97
40) Hexachlorocyclopentadiene	9.01	237	341252	29.00	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	561035	38.47	nq	94
43) 2,4,5-Trichlorophenol	9.20	196	587114	41.99	nq	96
45) 1,1'-Biphenyl	9.33	154	2166145	40.19	nq	96
46) 2-Chloronaphthalene	9.36	162	1667225	39.38	nq	# 88
47) 2-Nitroaniline	9.45	65	535146	38.30	nq	98
48) Acenaphthylene	9.77	152	2416366	38.64	nq	# 94
49) Dimethylphthalate	9.64	163	1991337	41.08	nq	# 92
50) 2,6-Dinitrotoluene	9.70	165	491912	46.27	nq	93
51) Acenaphthene	9.94	154	1584295	37.77	nq	97
52) 3-Nitroaniline	9.87	138	572748	43.47	nq	87
53) 2,4-Dinitrophenol	9.96	184	138316	32.74	nq	# 71
54) Dibenzofuran	10.11	168	2073352	37.68	nq	# 89
55) 4-Nitrophenol	10.04	139	334484	34.98	nq	# 76
56) 2,4-Dinitrotoluene	10.10	165	631833	46.95	nq	96
57) Fluorene	10.45	166	1686772	39.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	482087	40.39	nq	89
59) Diethylphthalate	10.33	149	1842512	38.55	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	694261	37.92	nq	89
61) 4-Nitroaniline	10.49	138	515844	43.92	nq	93
62) Azobenzene	10.60	77	1868431	35.64	nq	87
64) 4,6-Dinitro-2-methylphenol	10.51	198	257777	33.31	nq	# 66
65) n-Nitrosodiphenylamine	10.57	169	1420487	34.83	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	484503	35.29	nq	# 78
67) Hexachlorobenzene	11.00	284	606010	39.22	nq	95
68) Atrazine	11.10	200	544143	40.77	nq	93
69) Pentachlorophenol	11.20	266	267924	33.44	nq	98
70) Phenanthrene	11.41	178	2400398	35.98	nq	94
71) Anthracene	11.47	178	2633497	40.27	nq	99
72) Carbazole	11.62	167	2141060	33.49	nq	98
73) Di-n-butylphthalate	11.95	149	2618700	36.67	nq	# 95
74) Fluoranthene	12.60	202	2755463	39.53	nq	94
76) Benzidine	12.72	184	724548	22.44	nq	99
77) Pyrene	12.83	202	2750158	38.91	nq	96
79) Butylbenzylphthalate	13.45	149	1155213	37.77	nq	91
80) Benzo(a)anthracene	14.02	228	1960255	37.06	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	751826	40.73	nq	# 99
82) Chrysene	14.05	228	1862709	36.65	nq	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1374748	35.58	nq	98
84) Di-n-octyl phthalate	14.63	149	2480749	38.03	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.85	276	1727630	42.88	nq	99
87) Benzo(b)fluoranthene	15.05	252	1985449m	41.82	nq	
88) Benzo(k)fluoranthene	15.07	252	1327440m	34.19	nq	
89) Benzo(a)pyrene	15.39	252	1586857	39.41	nq	# 95
90) Dibenzo(a,h)anthracene	16.88	278	1410811	40.72	nq	# 94
91) Benzo(g,h,i)perylene	17.28	276	1461751	40.74	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084339.D

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BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 341486

Ion Ratio Lower Upper

152 100

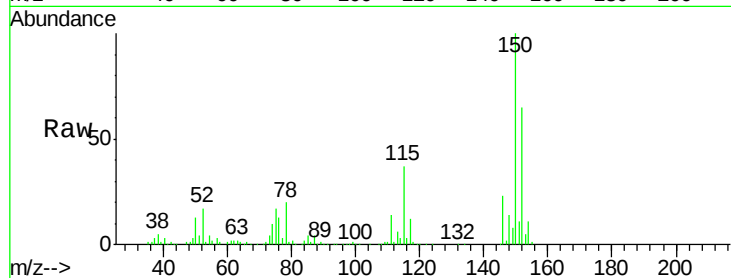
150 153.6 123.0 184.4

115 56.6 51.4 77.2

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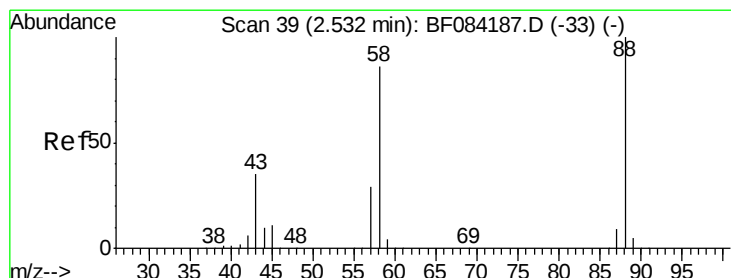
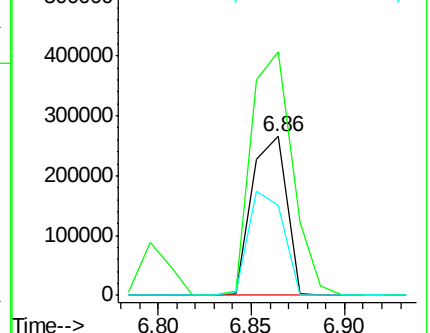
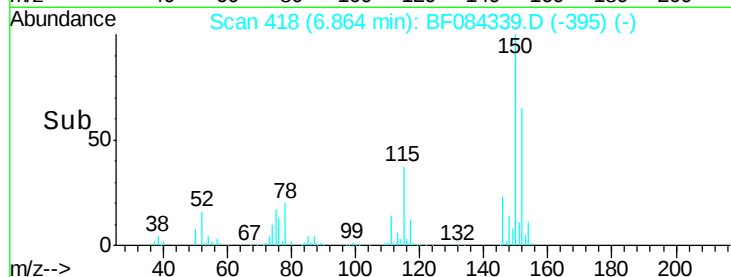
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.05 ng

RT: 2.44 min Scan# 31

Delta R.T. -0.09 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

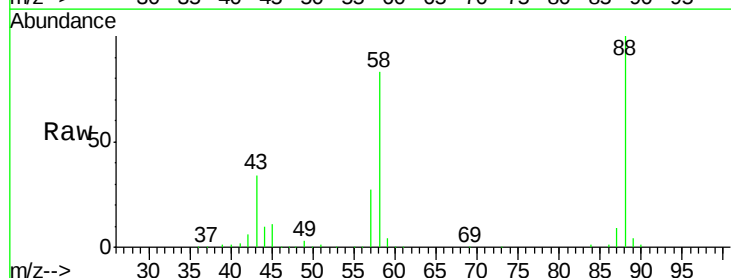
Tgt Ion: 88 Resp: 390569

Ion Ratio Lower Upper

88 100

58 84.8 51.2 76.8#

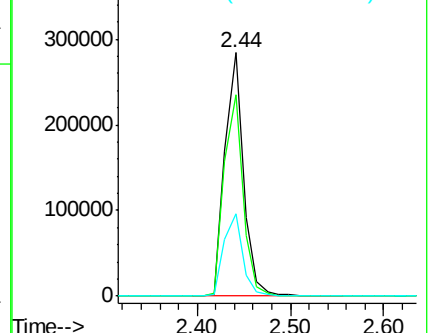
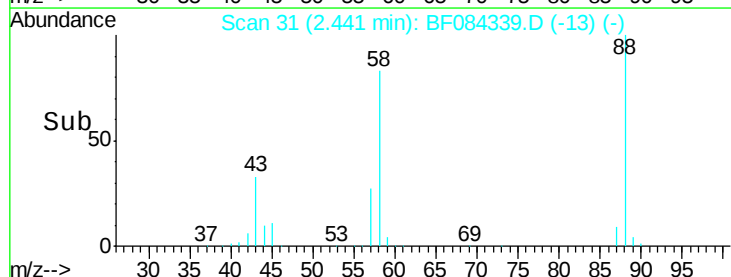
43 34.5 19.5 29.3#

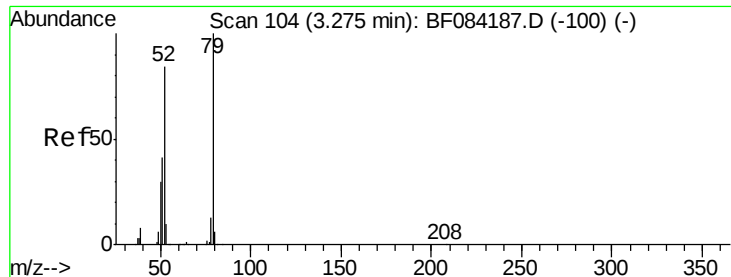


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.45 ng

RT: 3.17 min Scan# 95

Delta R.T. -0.10 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 1072148

Ion Ratio Lower Upper

79 100

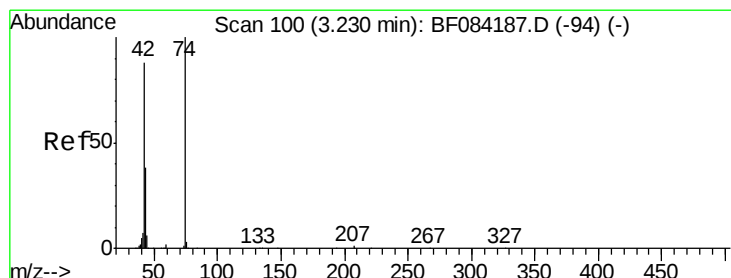
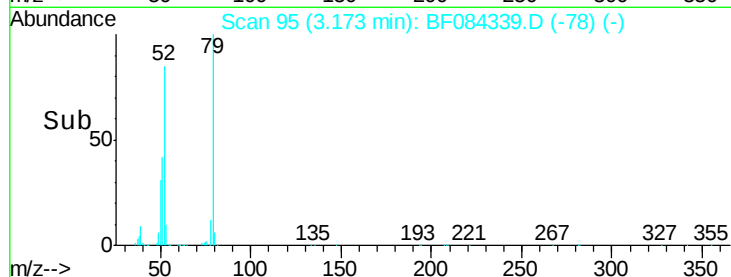
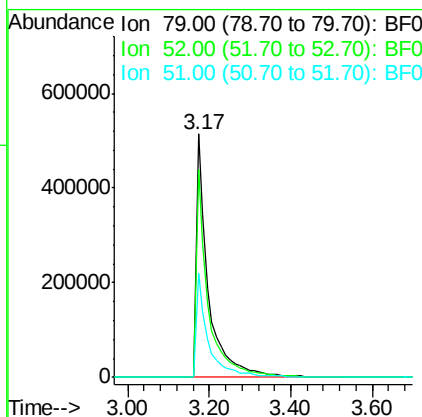
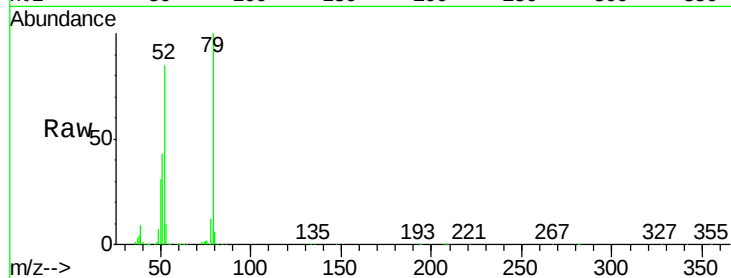
52 85.4 49.0 73.4#

51 42.6 25.2 37.8#

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#4

n-Nitrosodimethylamine

Concen: 39.96 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.09 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

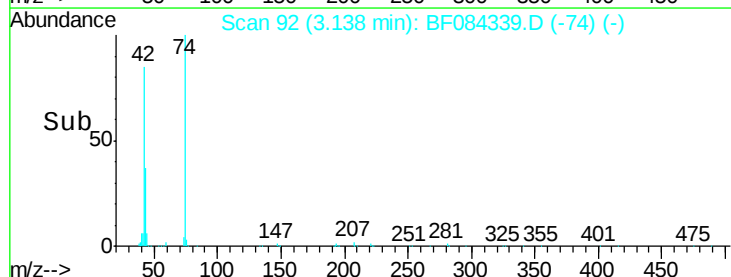
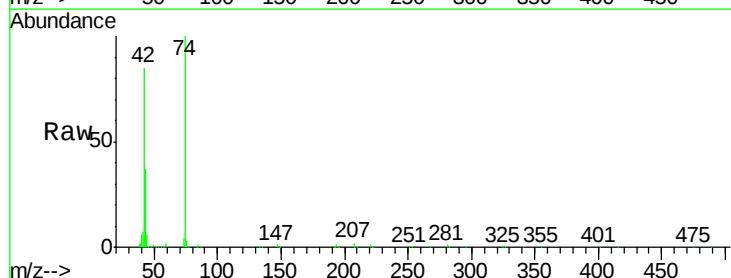
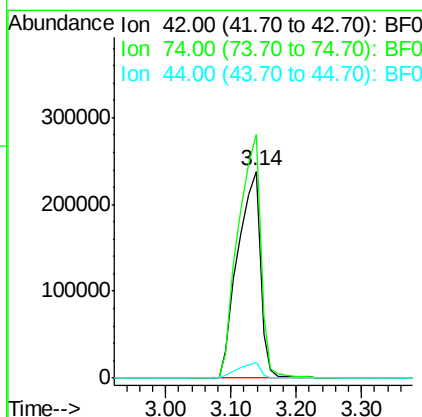
Tgt Ion: 42 Resp: 571984

Ion Ratio Lower Upper

42 100

74 117.6 115.7 173.5

44 7.4 5.1 7.7





#5

2-Fluorophenol

Concen: 75.32 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 112 Resp: 1590089

Ion Ratio Lower Upper

112 100

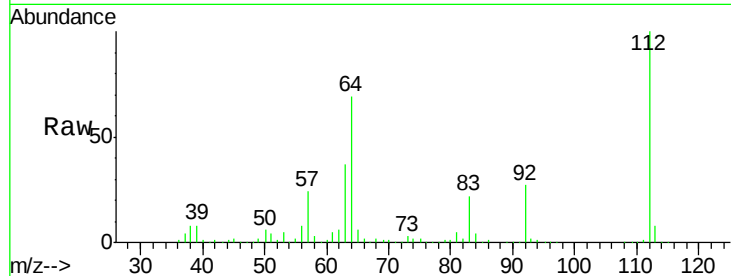
64 69.2 36.6 55.0#

63 36.7 19.4 29.0#

Manual Integrations
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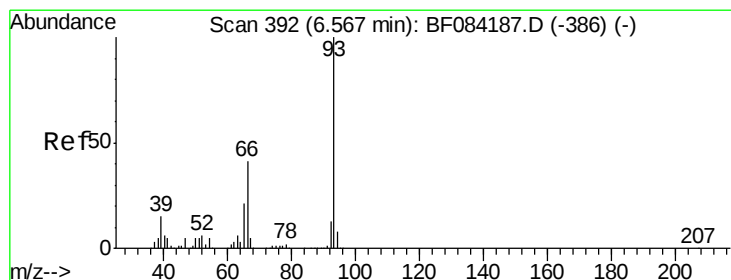
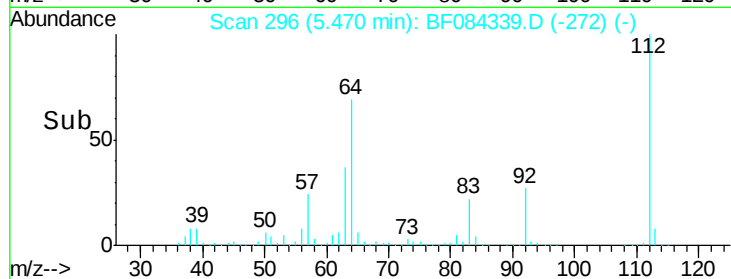
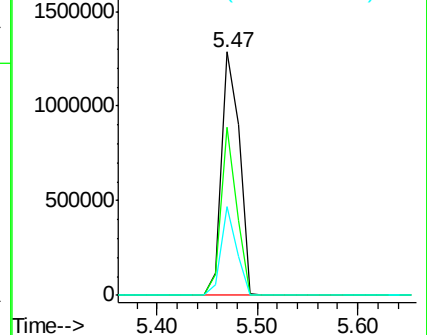
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.38 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

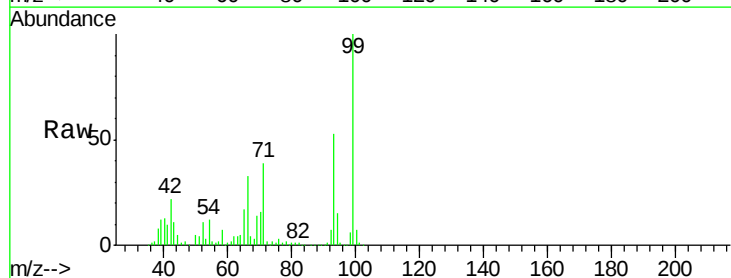
Tgt Ion: 93 Resp: 1294595

Ion Ratio Lower Upper

93 100

66 61.3 44.9 67.3

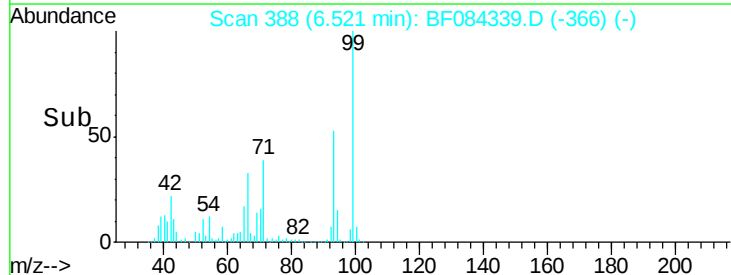
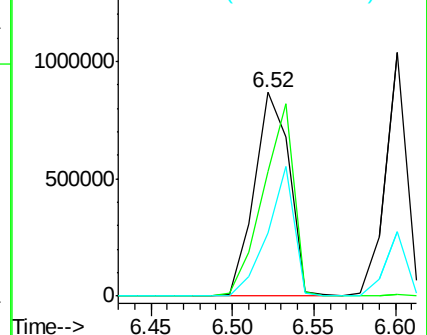
65 31.1 23.7 35.5

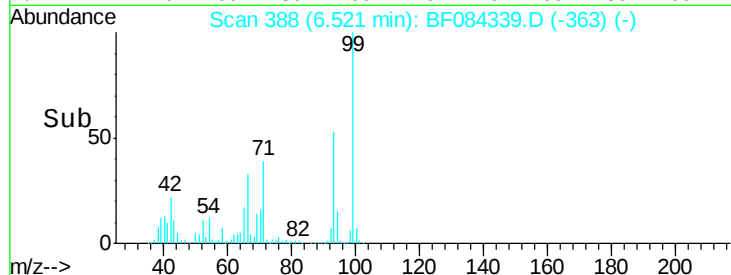
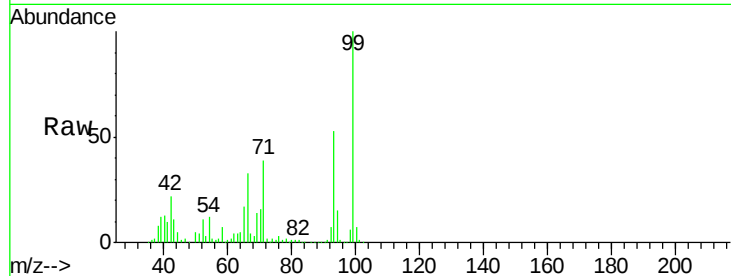


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.05 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tot Ion:	99	Resp:	1936904
Ion	Ratio	Lower	Upper
99	100		
42	21.6	12.8	19.2#
71	39.2	30.9	46.3

Instrument :

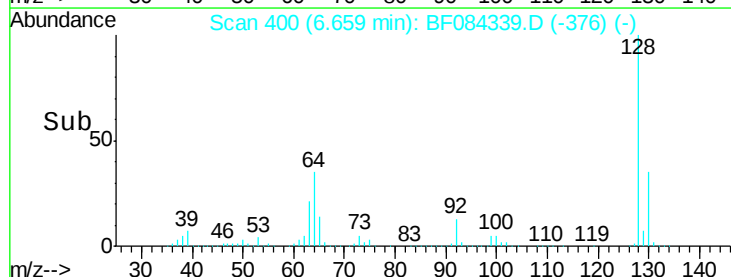
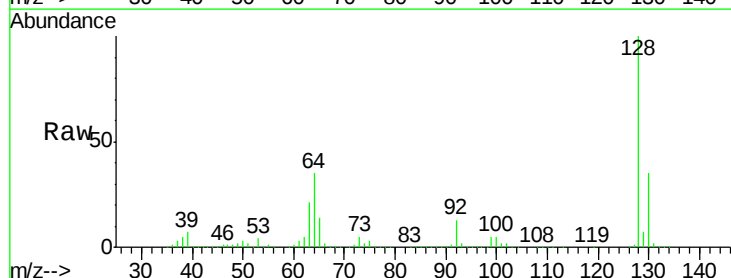
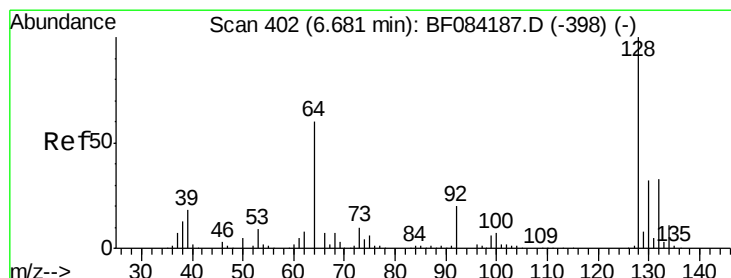
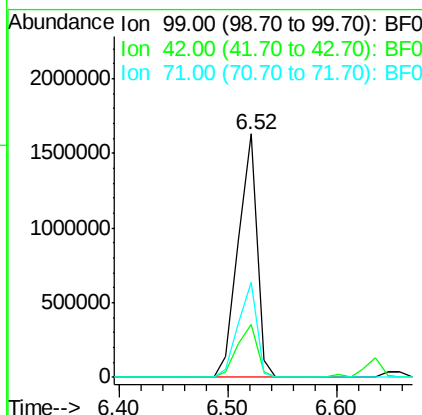
BNA_F

ClientSampleId :

SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 39.79 ng

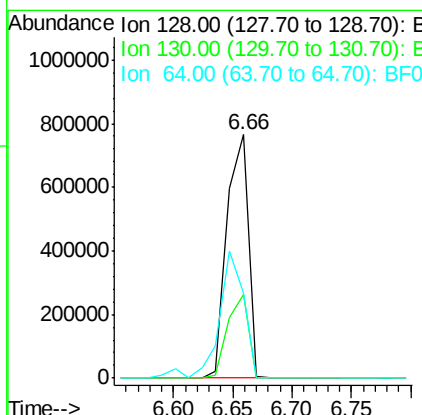
RT: 6.66 min Scan# 400

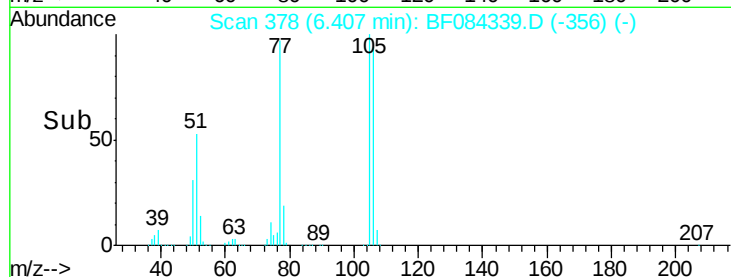
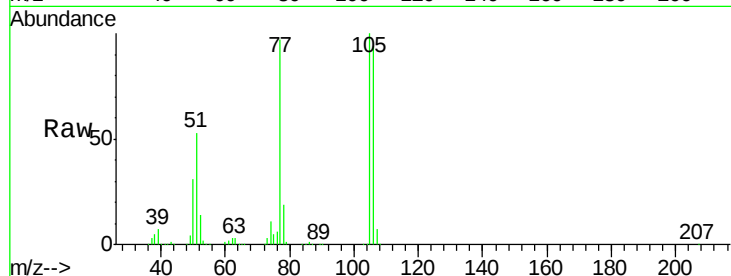
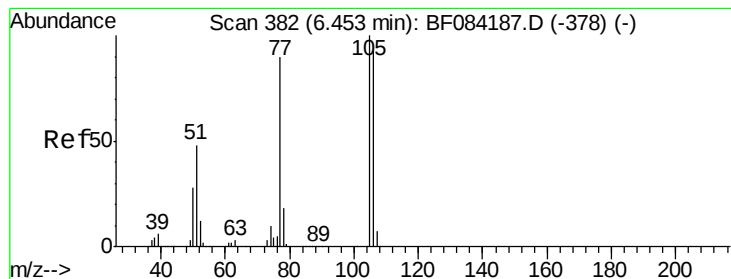
Delta R.T. -0.02 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:	128	Resp:	953196
Ion	Ratio	Lower	Upper
128	100		
130	34.5	11.6	51.6
64	34.9	23.8	63.8





#9

Benzaldehyde

Concen: 37.59 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084339.D

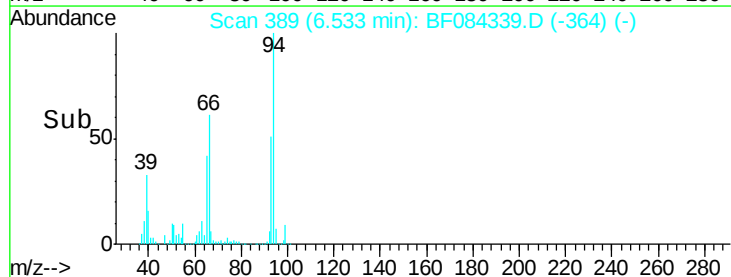
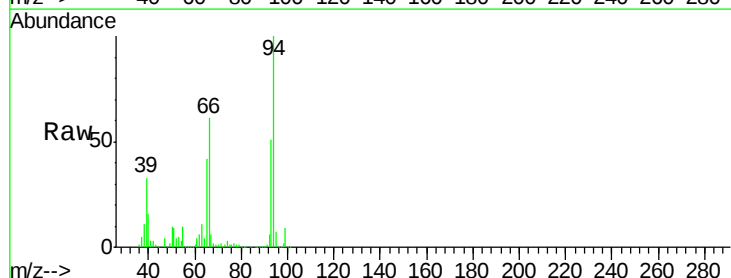
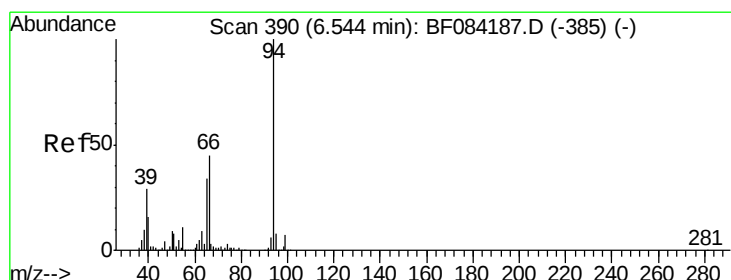
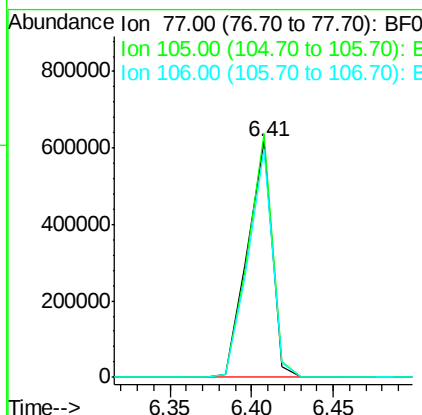
Acq: 8 Jan 2016 20:29

Tot Ion:	77	Resp:	648965
Ion Ratio	Lower	Upper	
77	100		
105	103.4	83.0	123.0
106	96.8	74.6	114.6

Instrument :
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Manual Integrations
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#10

Phenol

Concen: 37.91 ng

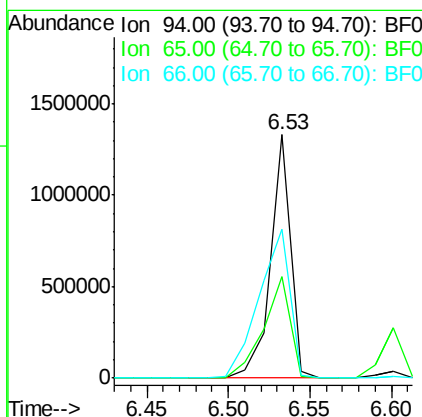
RT: 6.53 min Scan# 389

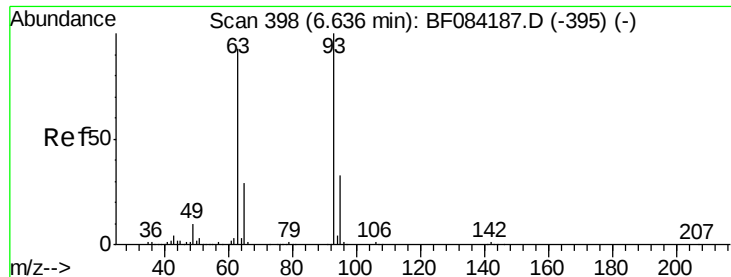
Delta R.T. -0.01 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:	94	Resp:	1142790
Ion Ratio	Lower	Upper	
94	100		
65	41.6	12.9	52.9
66	61.4	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 39.80 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

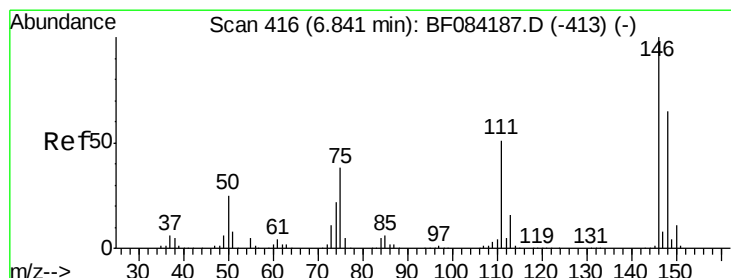
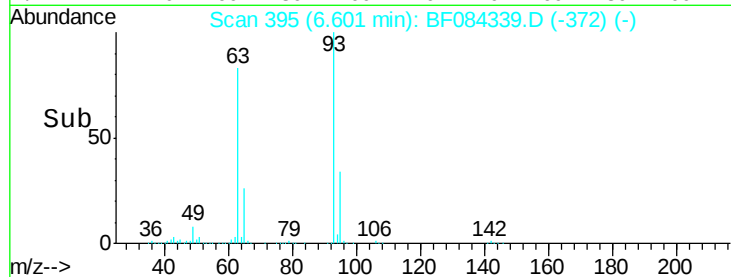
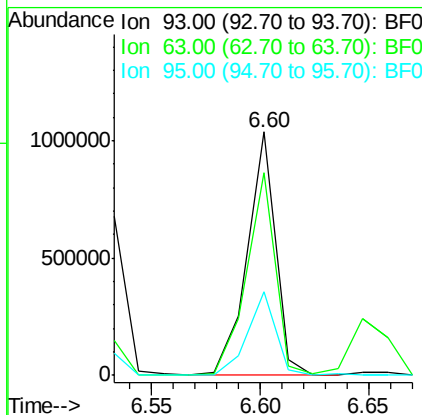
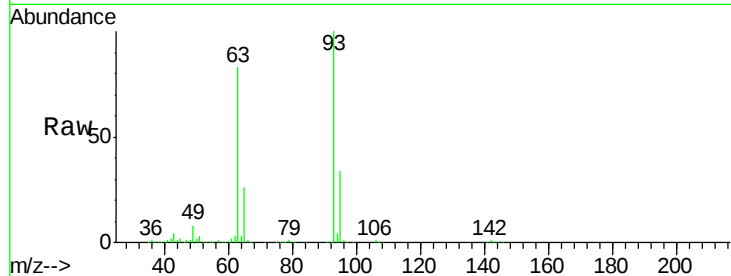
ClientSampled :

SSTDCCC040EC

Tot Ion:	93	Resp:	929460
Ion Ratio	Lower	Upper	
93	100		
63	83.4	45.9	85.9
95	34.1	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 37.19 ng m

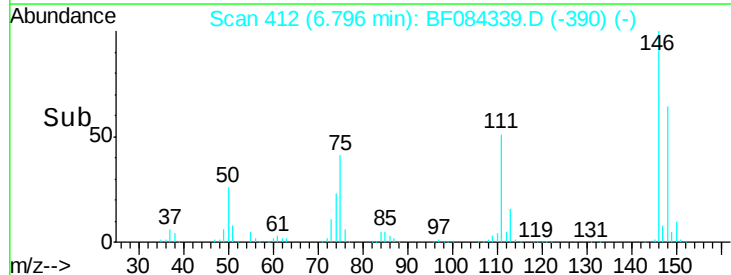
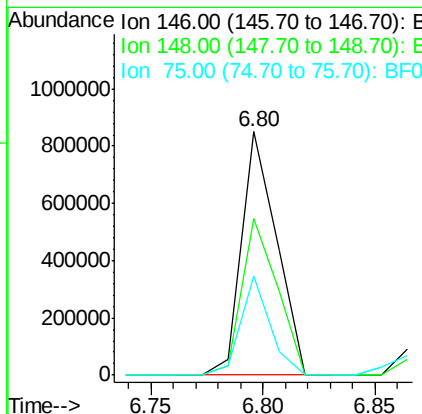
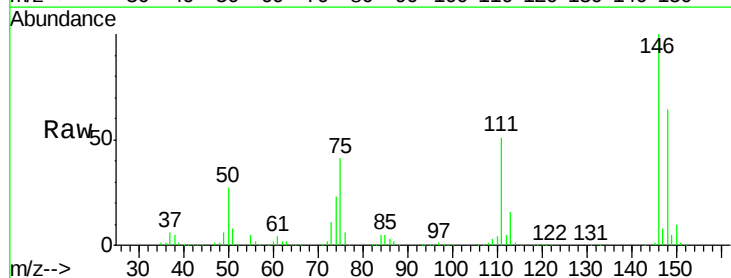
RT: 6.80 min Scan# 412

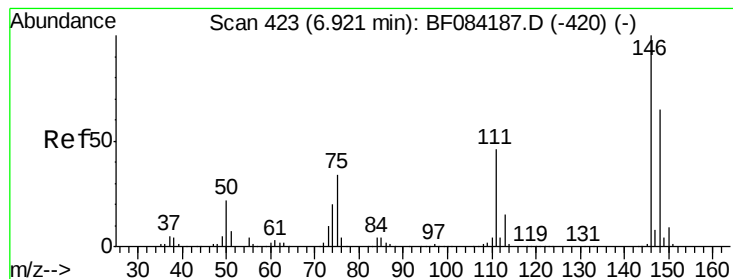
Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:	146	Resp:	918999
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.9	77.9
75	40.9	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 37.97 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

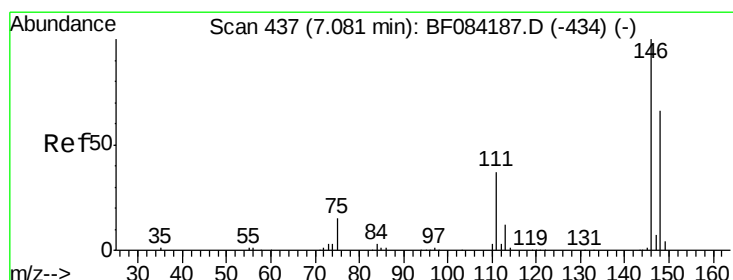
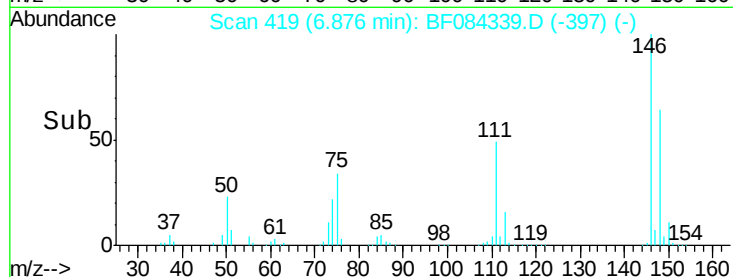
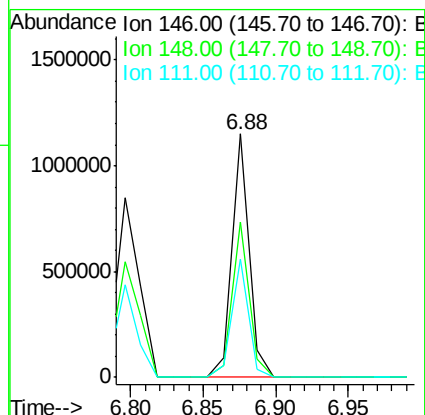
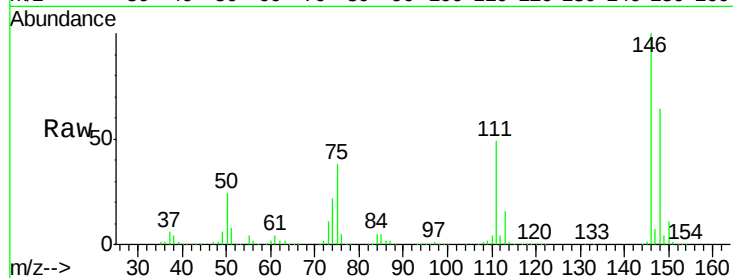
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	940766
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.9	77.9
111	48.7	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.31 ng

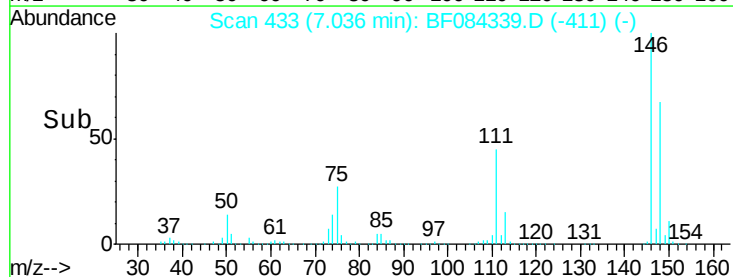
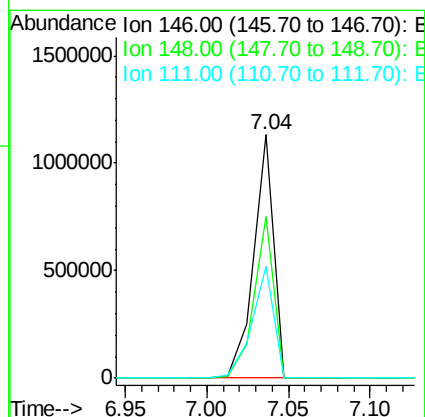
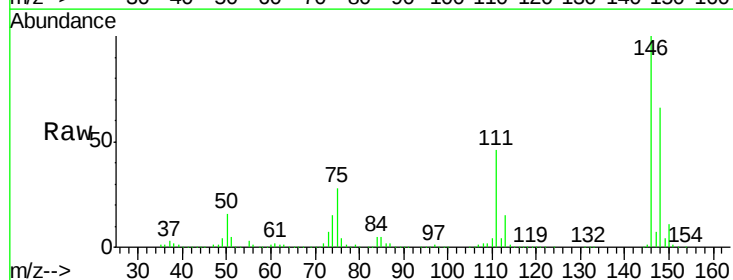
RT: 7.04 min Scan# 433

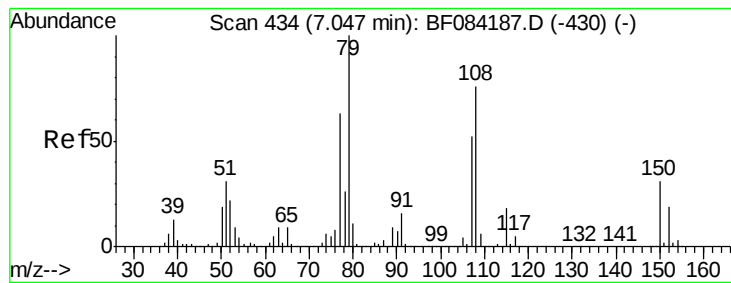
Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:	146	Resp:	956458
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.6	77.4
111	45.8	38.0	57.0





#15

Benzyl Alcohol

Concen: 34.79 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 776031

Ion Ratio Lower Upper

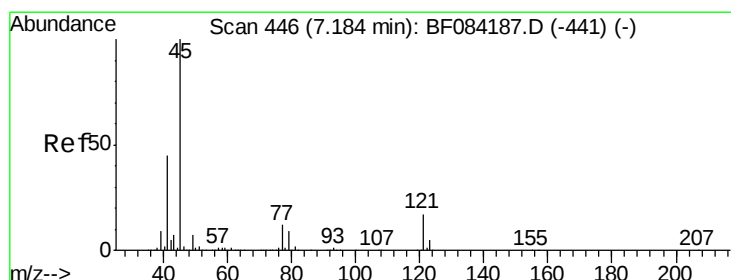
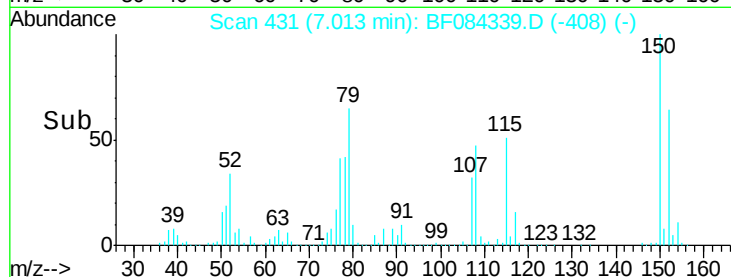
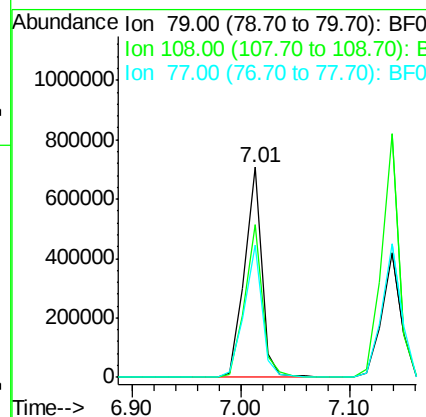
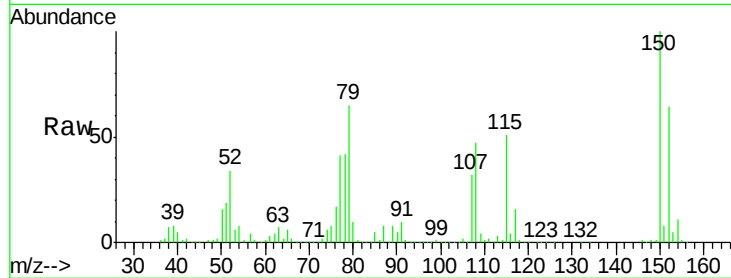
79 100

108 72.6 69.0 103.4

77 63.4 50.0 75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.79 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

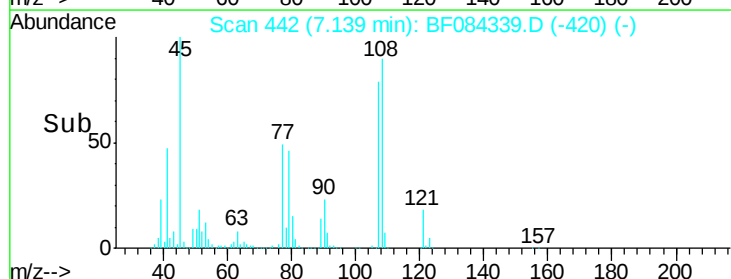
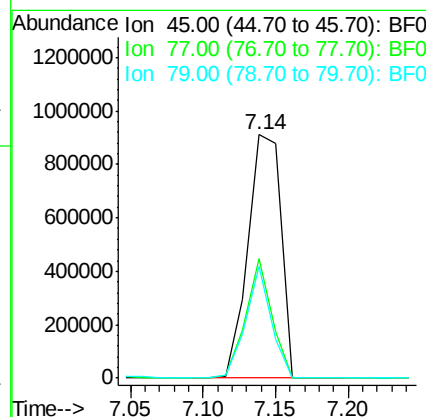
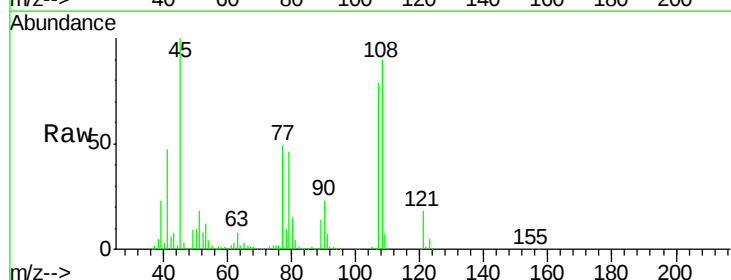
Tgt Ion: 45 Resp: 1436985

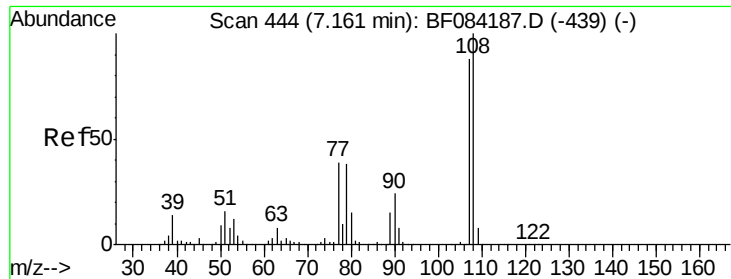
Ion Ratio Lower Upper

45 100

77 49.2 0.0 39.6#

79 46.0 0.0 35.0#





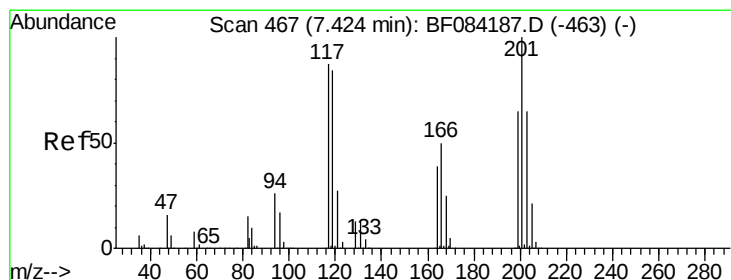
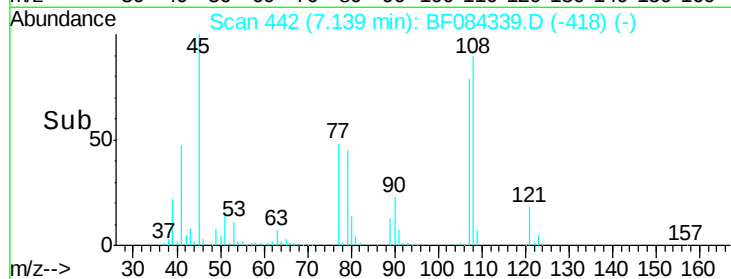
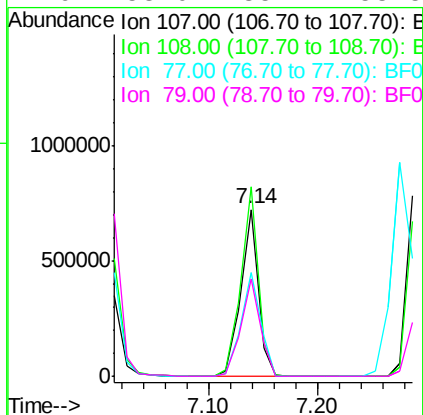
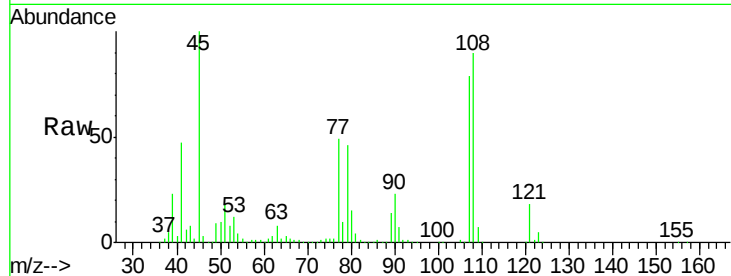
#17
2-Methylphenol
Concen: 39.51 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.5	89.8	134.6	
77	77	62.0	35.7	53.5	#
79	79	58.0	35.7	53.5	#

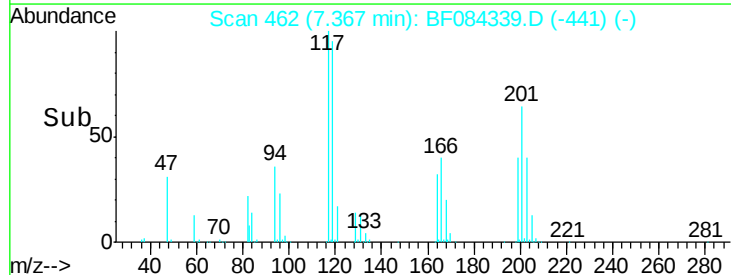
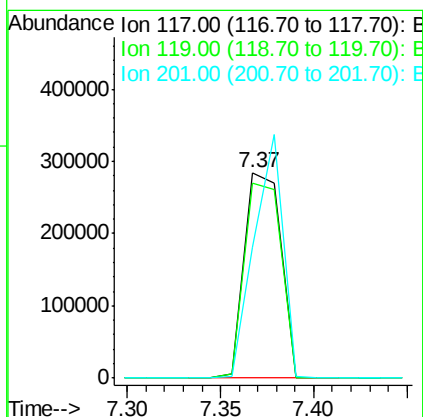
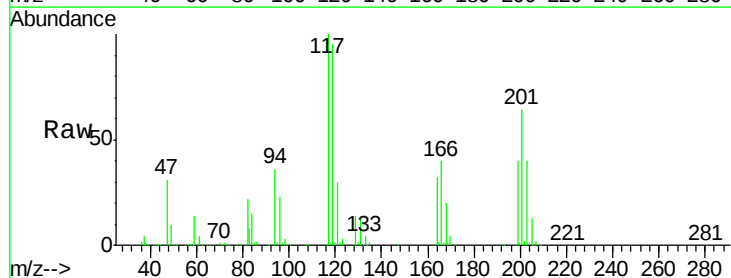
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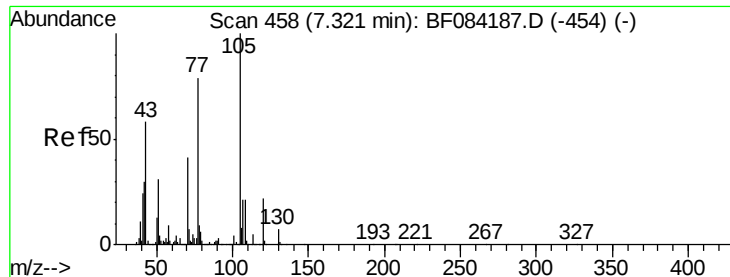
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#18
Hexachloroethane
Concen: 38.87 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	95.2	77.4	116.0	
201	201	63.9	68.6	103.0	#





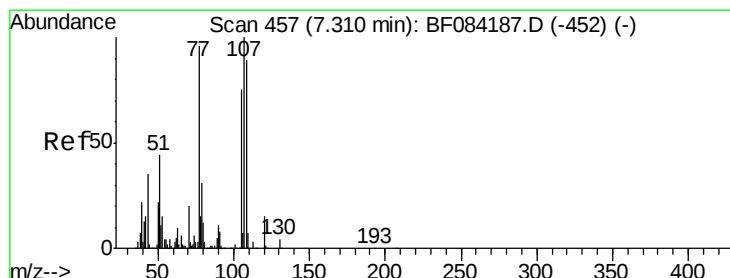
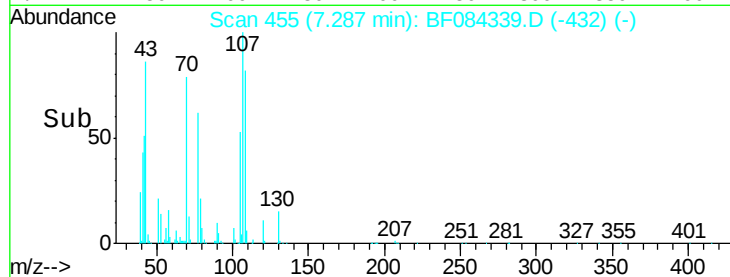
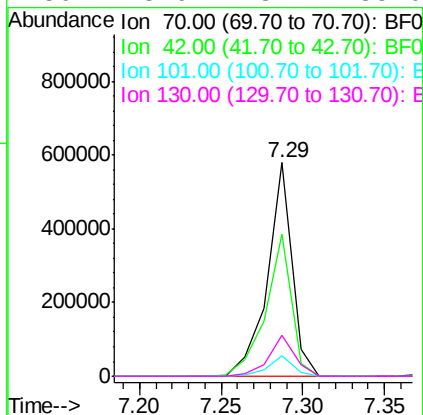
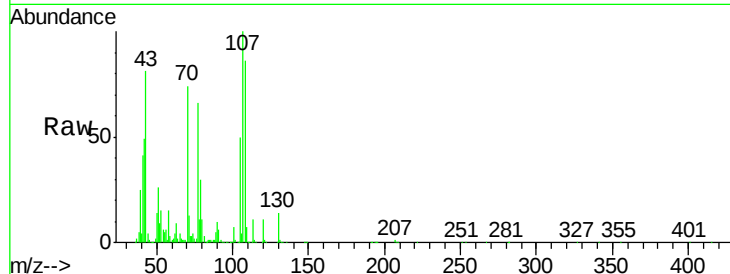
#19
n-Nitroso-di-n-propylamine
Concen: 34.03 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.3	33.3	49.9#	
101	9.7	9.3	13.9	
130	18.9	23.4	35.0#	

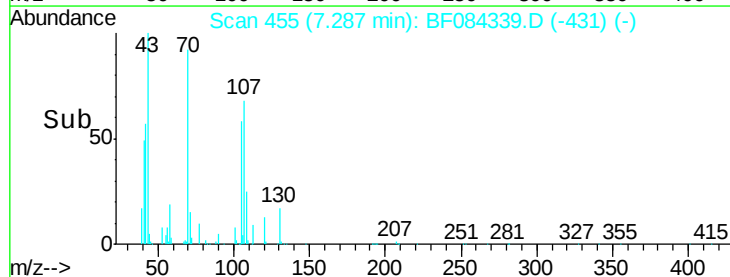
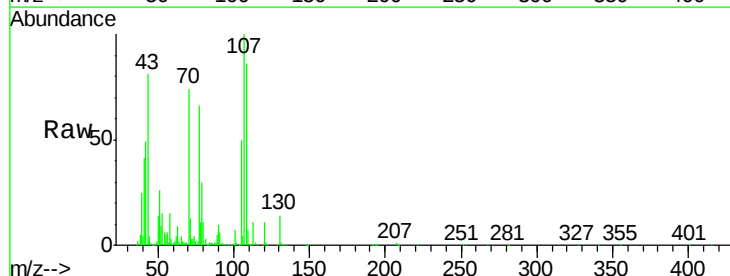
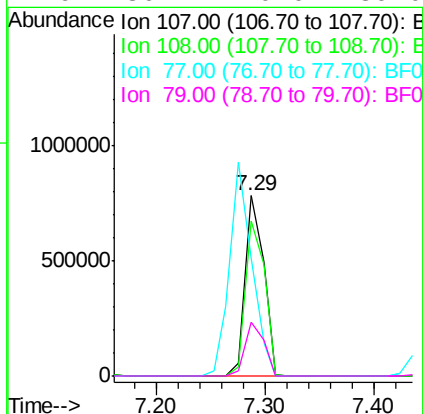
Manual Integrations
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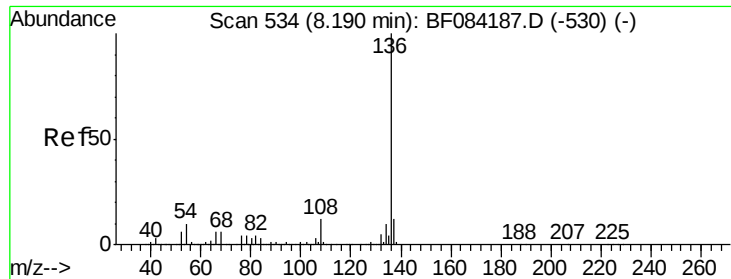
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#20
3+4-Methylphenols
Concen: 38.93 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	74.6	114.6	
77	65.5	0.7	40.7#	
79	30.1	0.0	39.0	





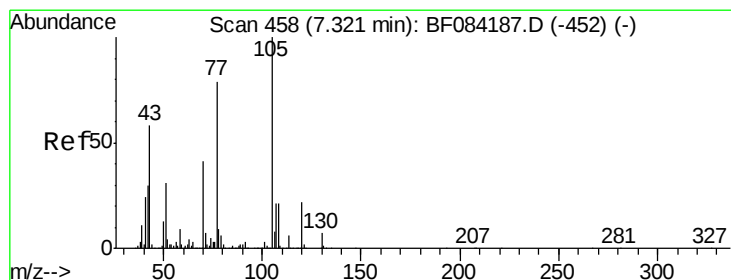
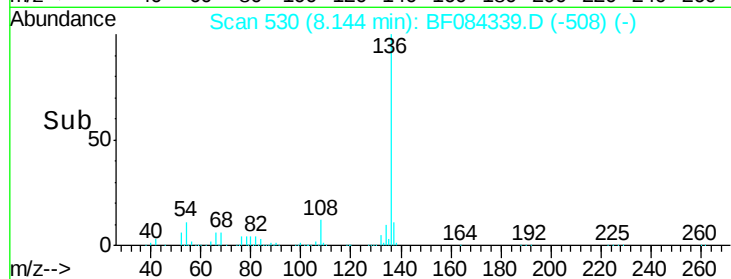
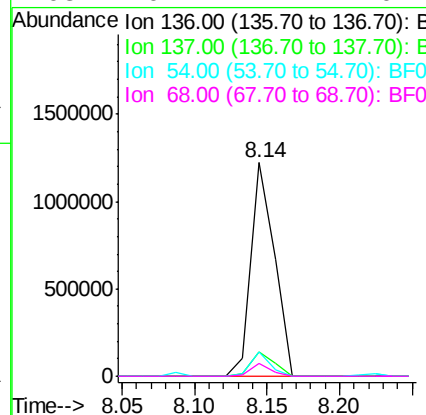
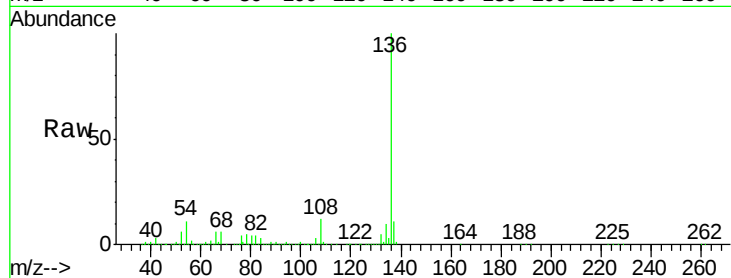
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	136	Resp	1371678
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	11.3	5.8	8.8#
68	6.1	4.2	6.2

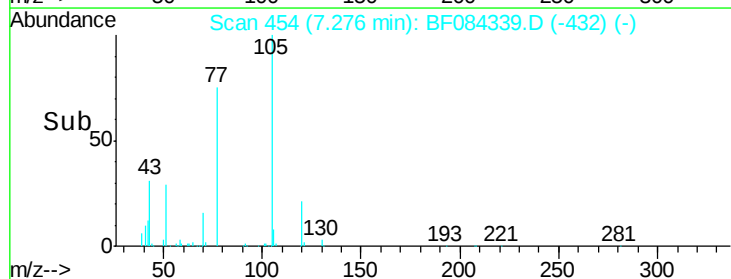
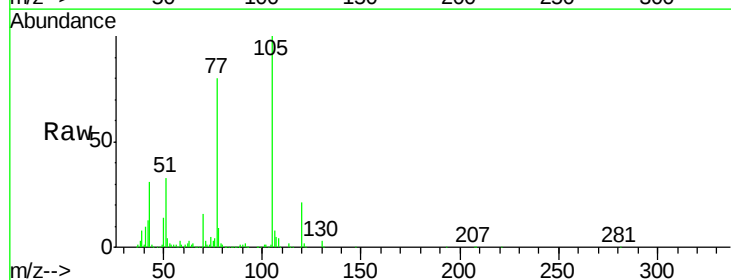
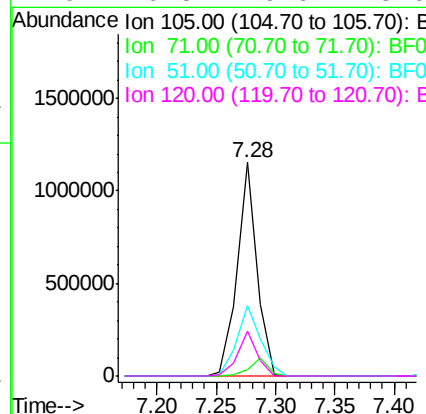
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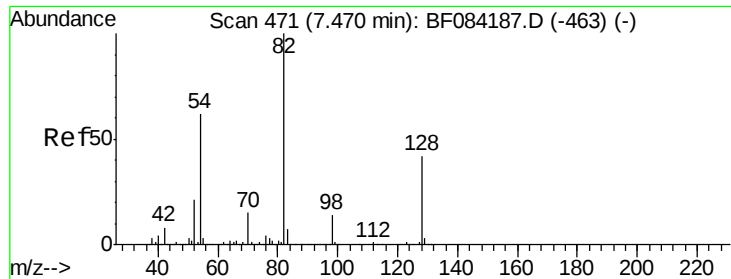
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#22
Acetophenone
Concen: 40.54 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	105	Resp	1337178
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.7	5.5#
51	33.3	25.1	37.7
120	20.8	16.6	25.0





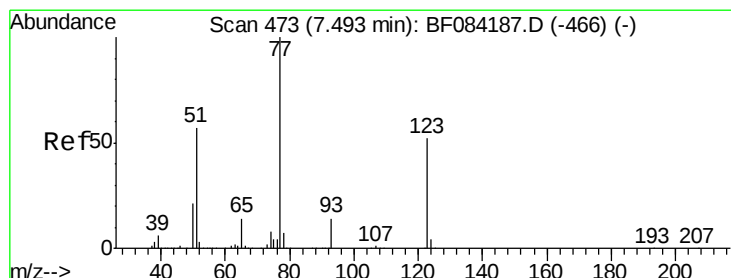
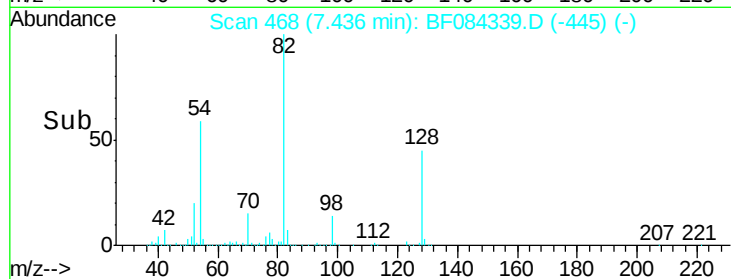
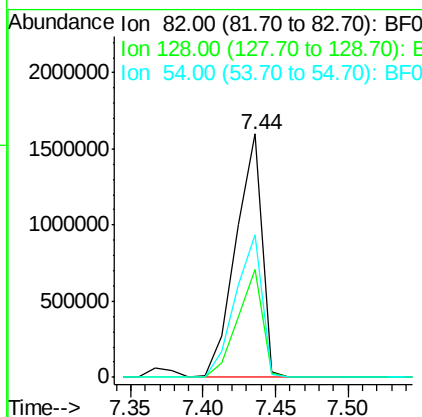
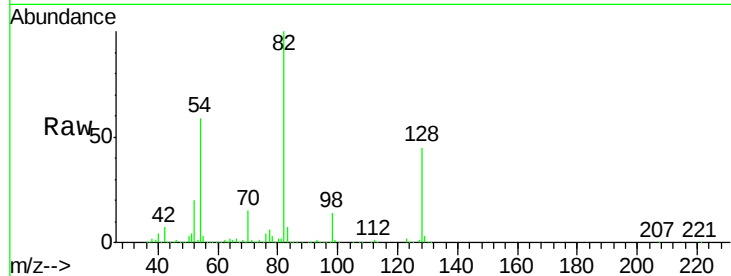
#23
Nitrobenzene-d5
Concen: 81.17 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	82	Resp	2000587
Ion Ratio	100	Lower	Upper
128	44.6	34.6	51.8
54	58.8	38.4	57.6

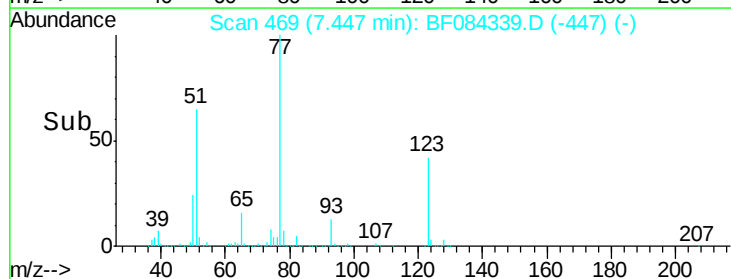
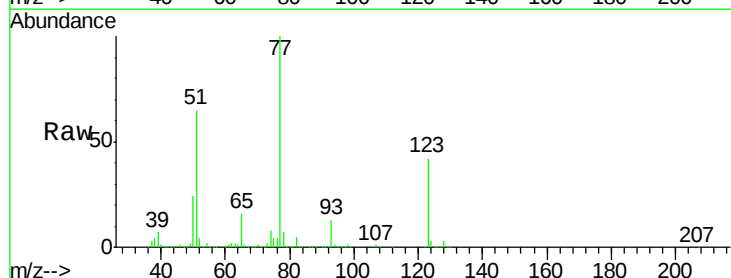
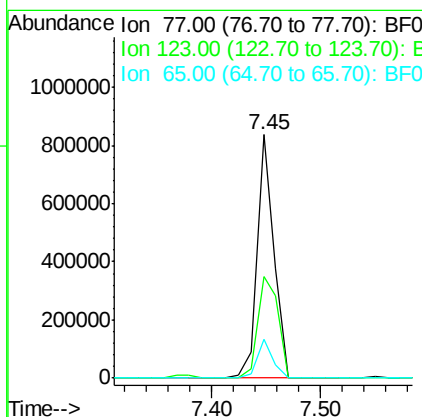
Manual Integrations
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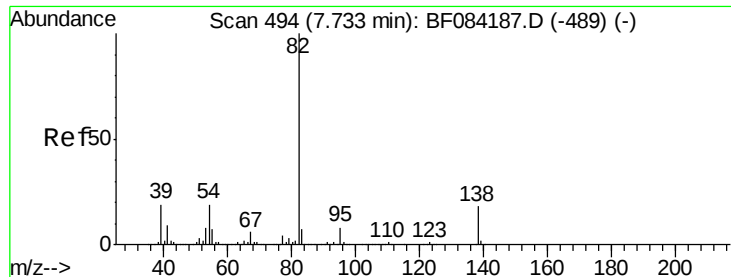
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#24
Nitrobenzene
Concen: 36.12 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	77	Resp	902808
Ion Ratio	100	Lower	Upper
123	41.7	37.4	56.2
65	15.8	10.9	16.3





#25

Isophorone

Concen: 40.57 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1912472

Ion Ratio Lower Upper

82 100

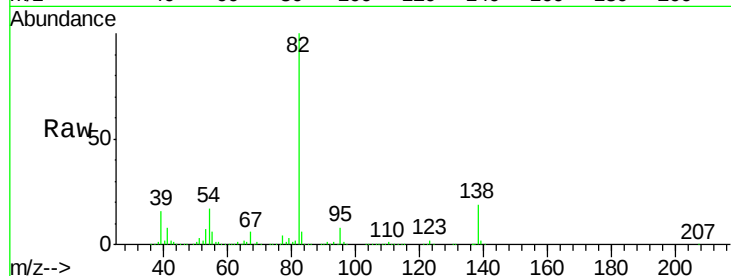
95 7.9 6.6 10.0

138 19.4 13.6 20.4

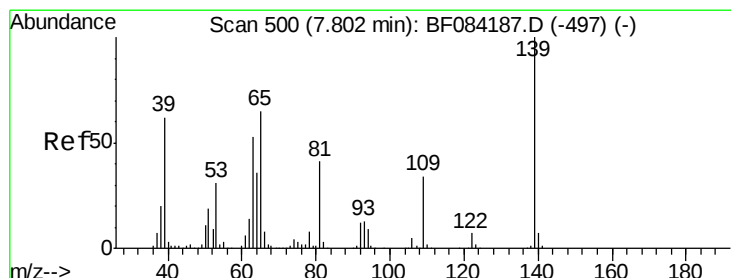
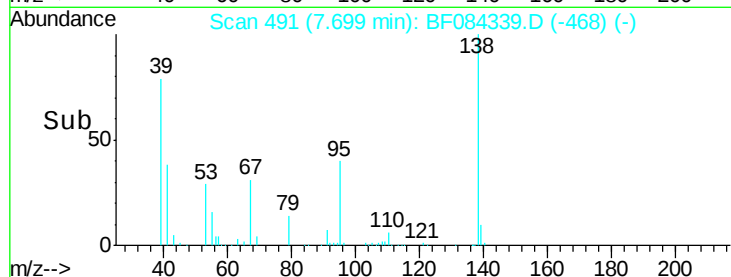
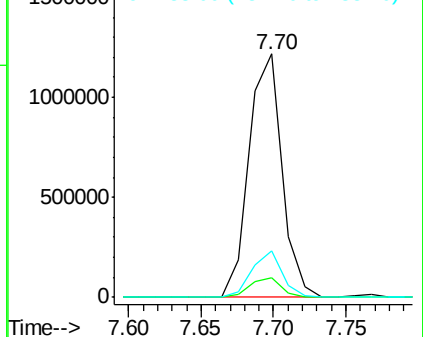
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.07 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

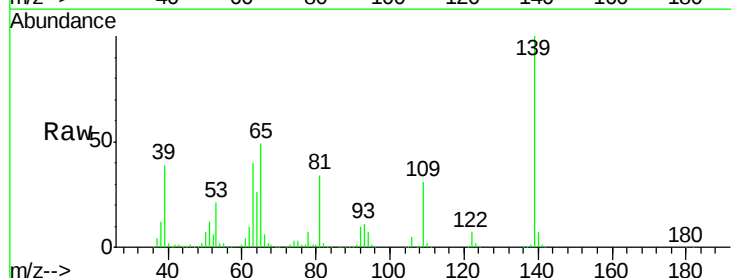
Tgt Ion: 139 Resp: 569583

Ion Ratio Lower Upper

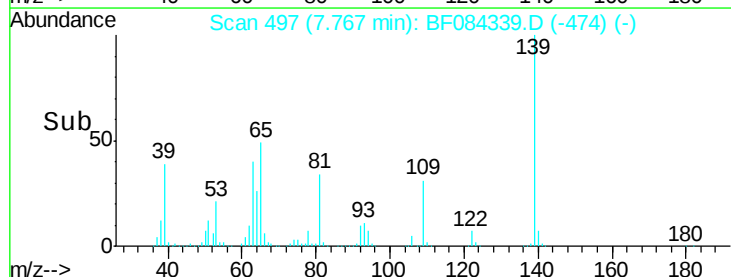
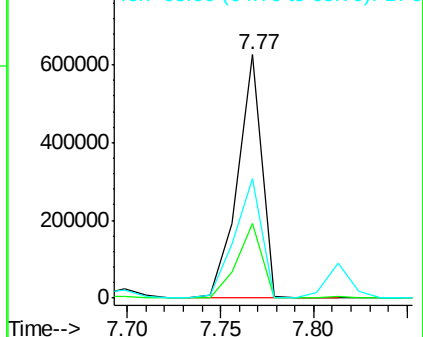
139 100

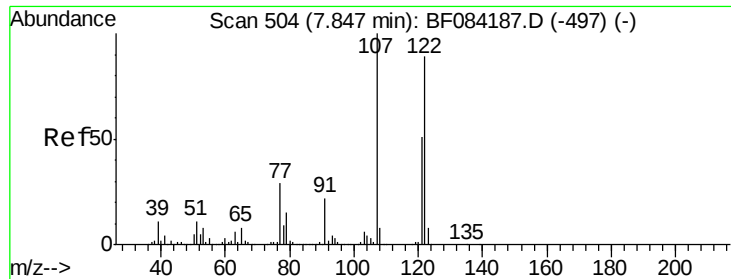
109 30.6 25.4 38.2

65 49.1 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





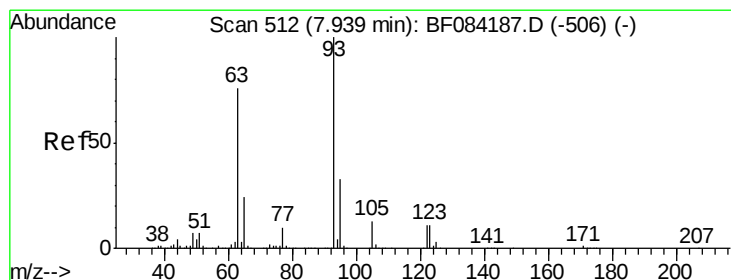
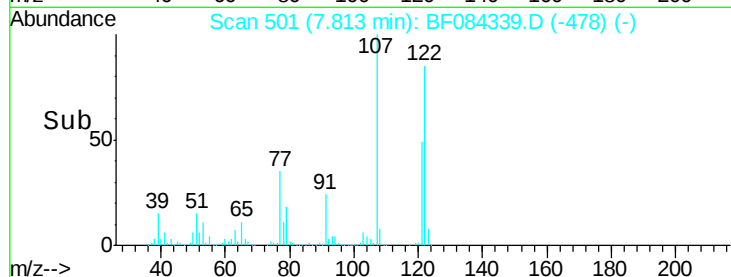
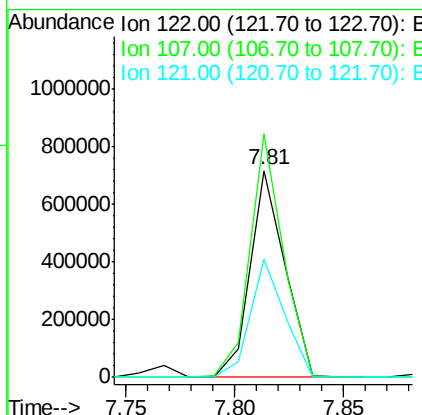
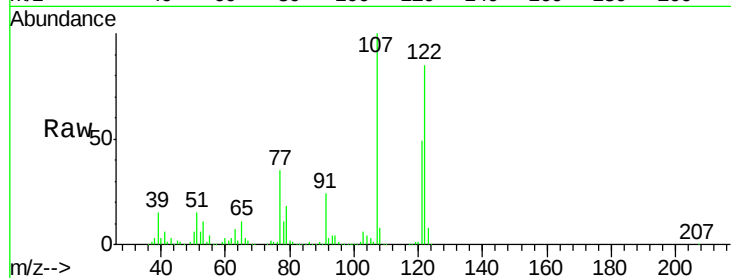
#27
2,4-Dimethylphenol
Concen: 34.49 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	99.1	148.7
121	57.3	47.9	71.9

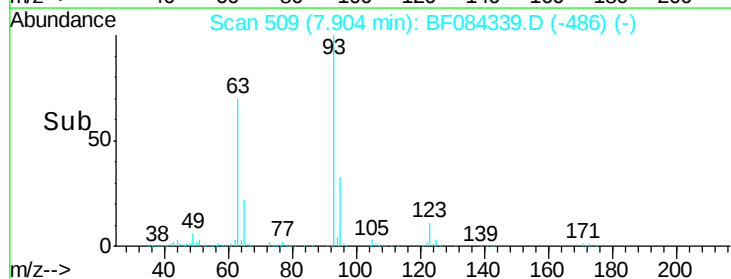
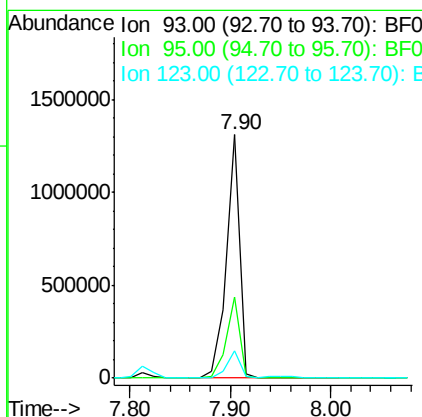
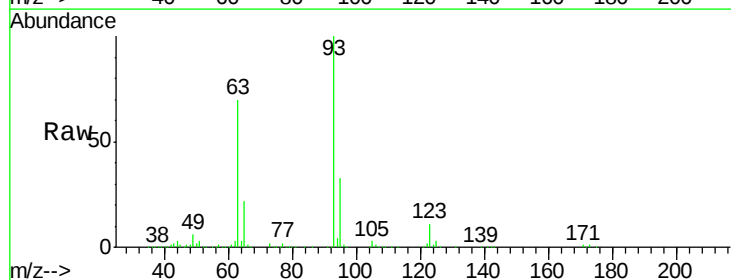
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#28
bis(2-Chloroethoxy)methane
Concen: 41.44 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.8	38.6
123	11.1	8.6	12.8





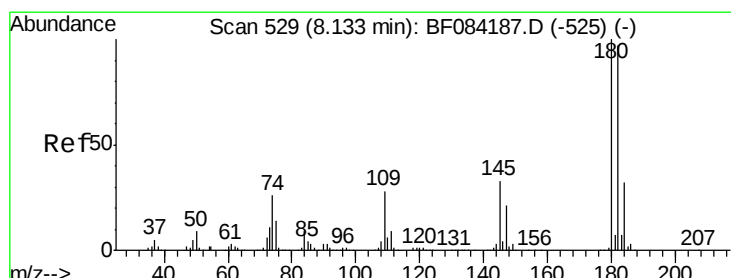
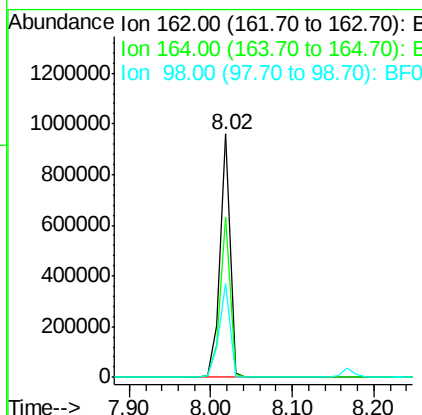
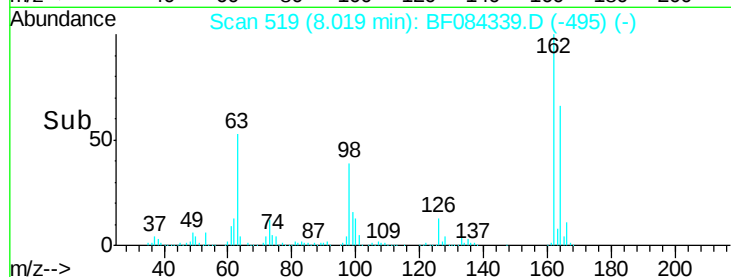
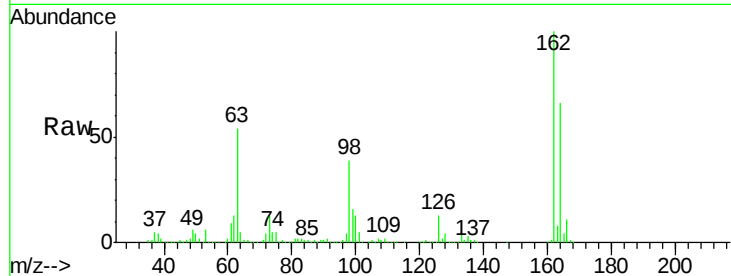
#29
 2,4-Dichlorophenol
 Concen: 42.90 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	822918		
164	66.1	44.1	84.1	
98	38.6	20.2	60.2	

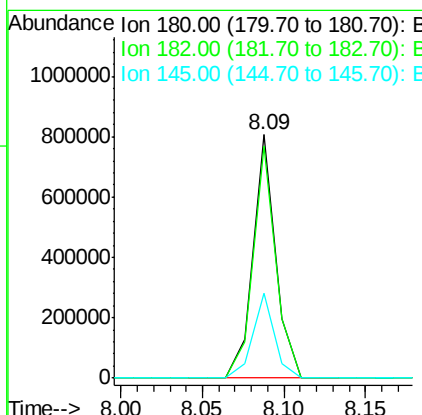
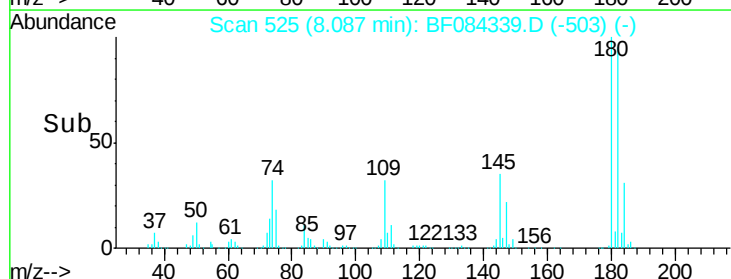
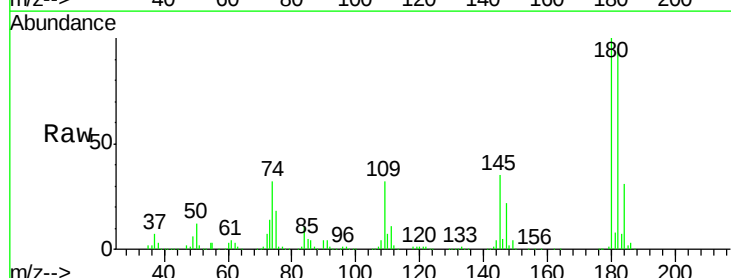
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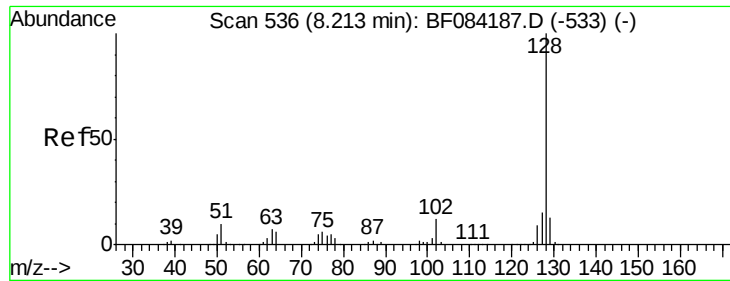
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.33 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.05 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	778950		
182	95.4	76.4	114.6	
145	34.8	31.6	47.4	





#31

Naphthalene

Concen: 37.54 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 2335985

Ion Ratio Lower Upper

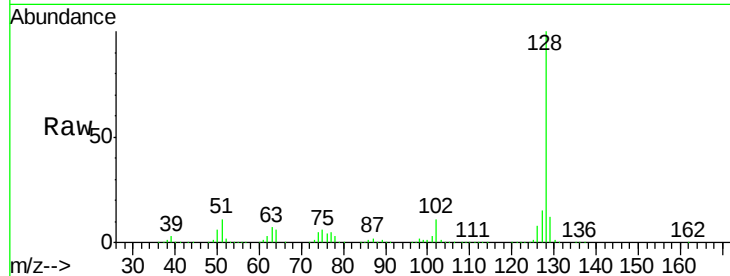
128 100

129 12.4 9.1 13.7

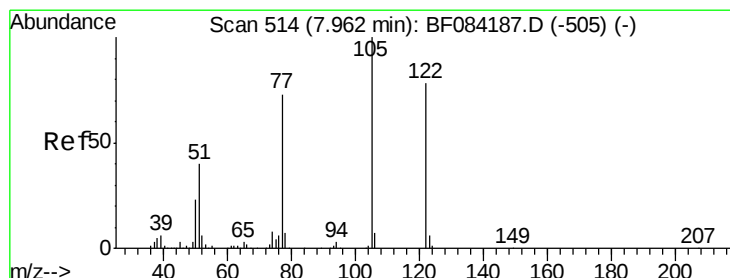
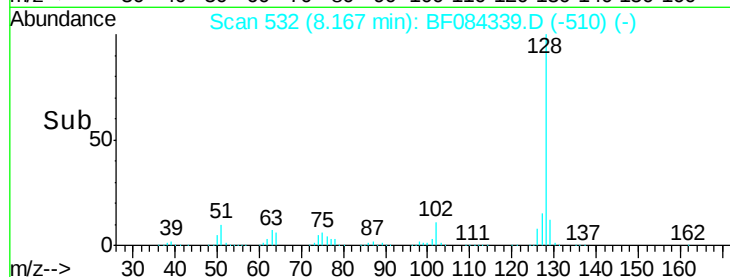
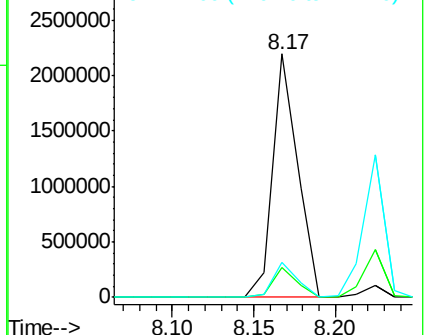
127 14.6 11.1 16.7

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



#32

Benzoic acid

Concen: 25.51 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

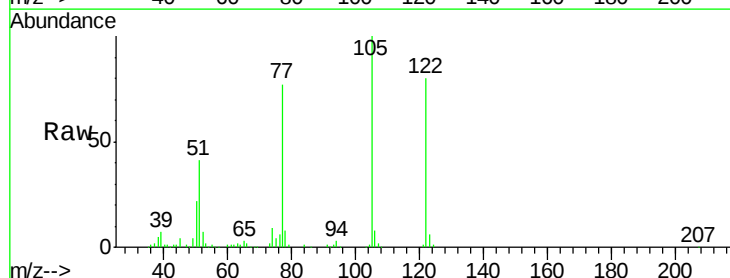
Tgt Ion:122 Resp: 328010

Ion Ratio Lower Upper

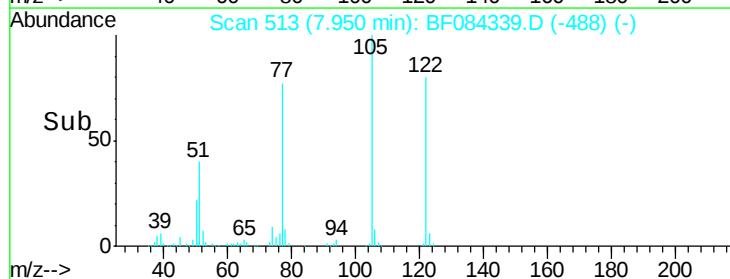
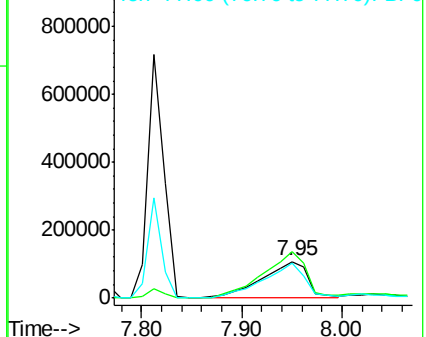
122 100

105 125.2 100.3 140.3

77 96.9 63.5 103.5



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





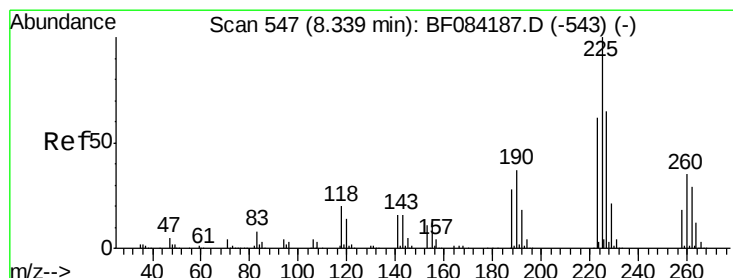
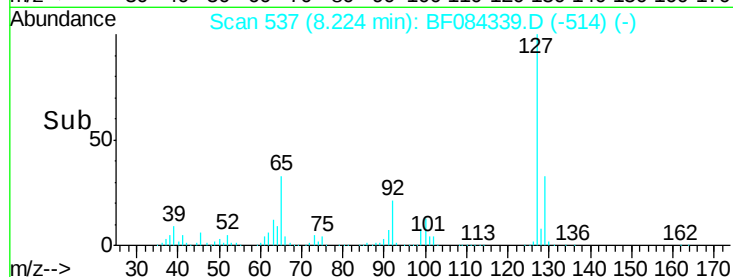
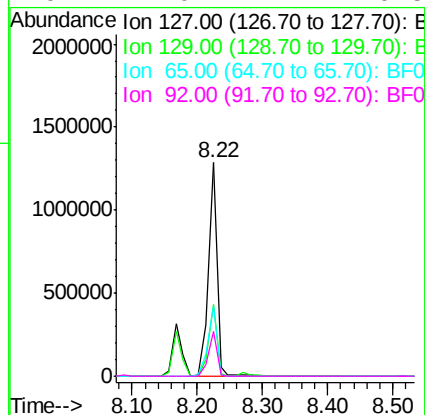
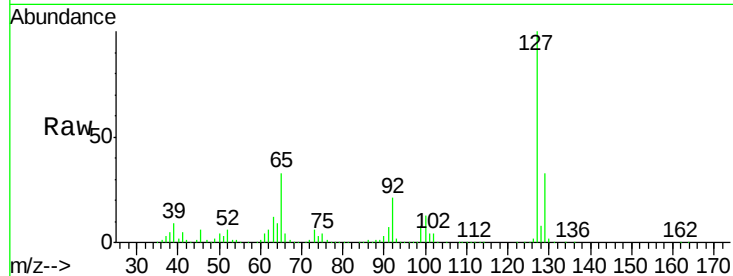
#33
4-Chloroaniline
Concen: 40.87 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.5	39.7		
65	33.1	27.2	40.8		
92	21.0	17.7	26.5		

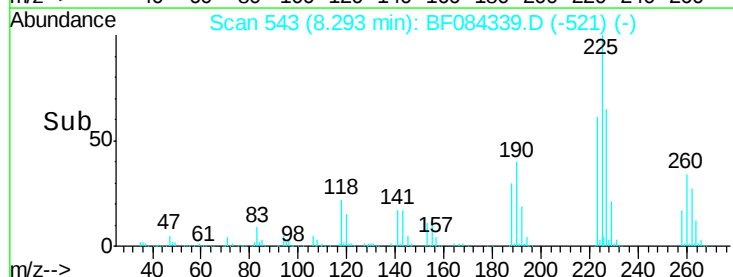
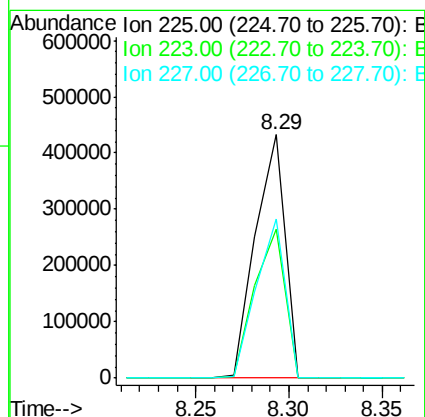
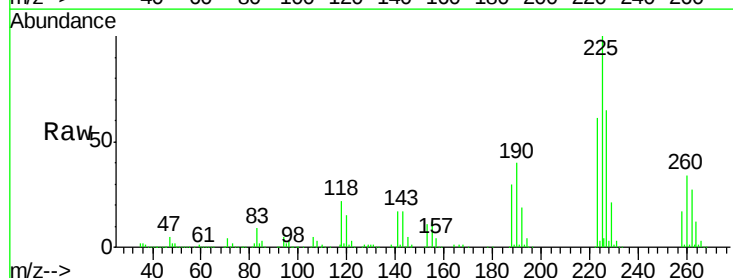
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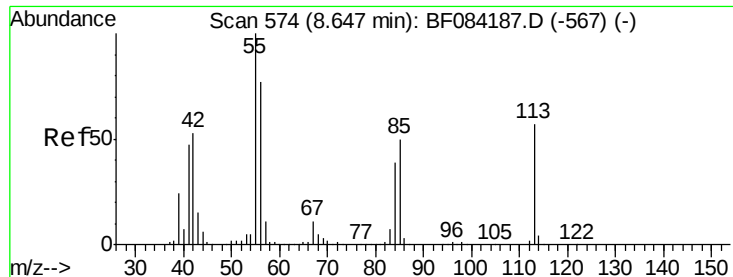
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#34
Hexachlorobutadiene
Concen: 41.58 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	49.4	74.0		
227	65.3	50.8	76.2		





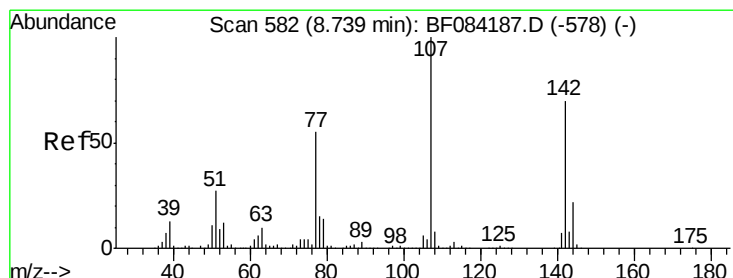
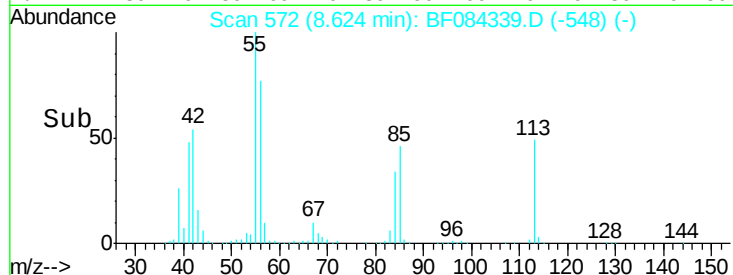
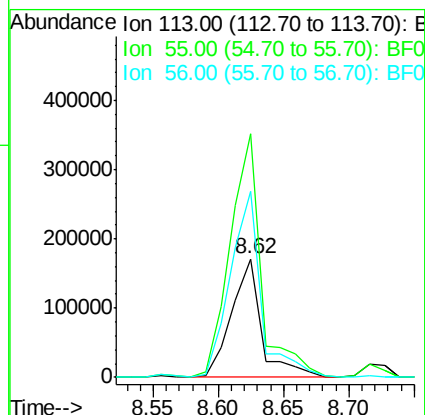
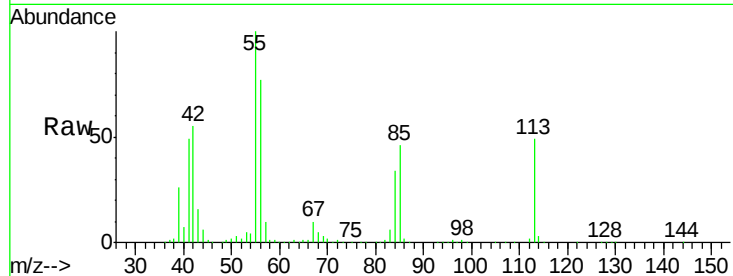
#35
 Caprolactam
 Concen: 42.39 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.4	116.9	156.9#
56	157.4	93.8	133.8#

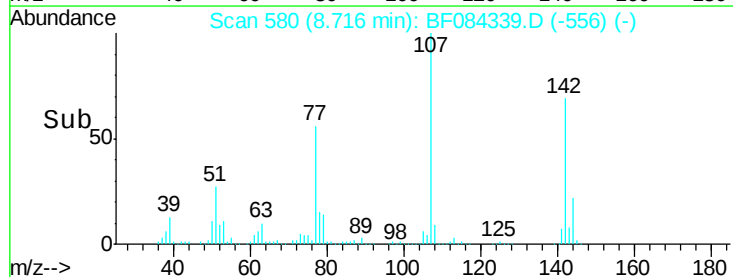
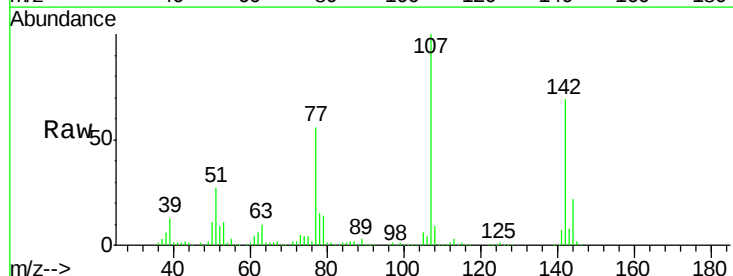
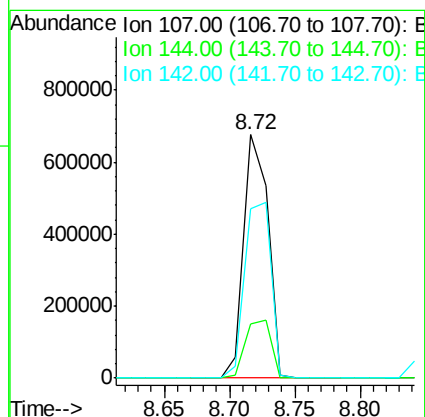
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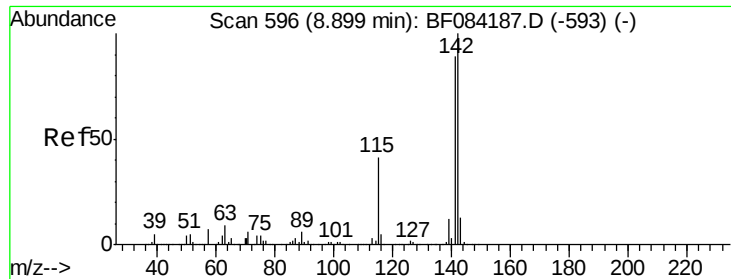
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#36
 4-Chloro-3-methylphenol
 Concen: 40.92 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	19.7	29.5
142	69.4	61.8	92.6





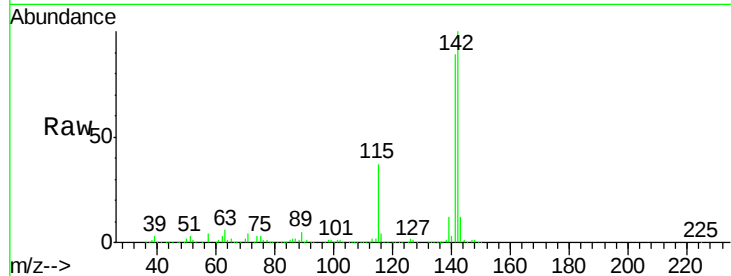
#37
2-Methylnaphthalene
Concen: 42.10 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.4	108.6
115	37.0	27.9	41.9

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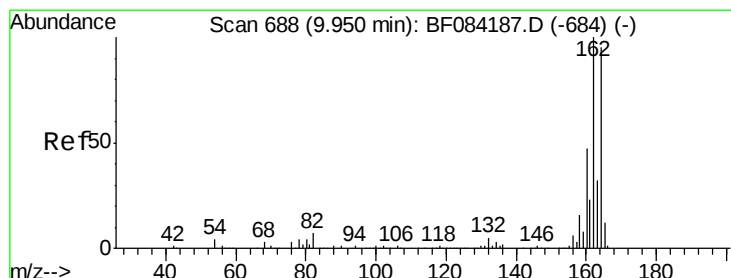
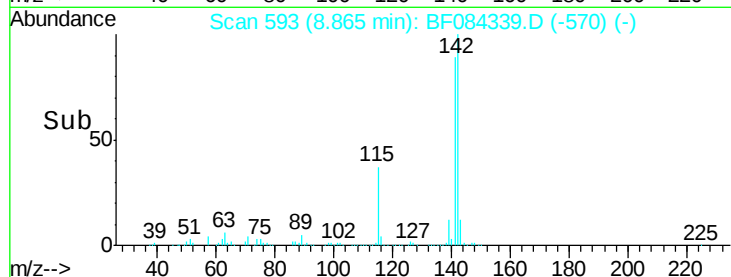
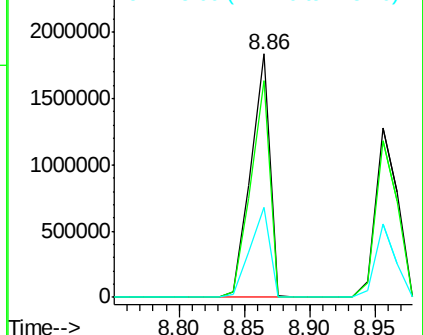


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

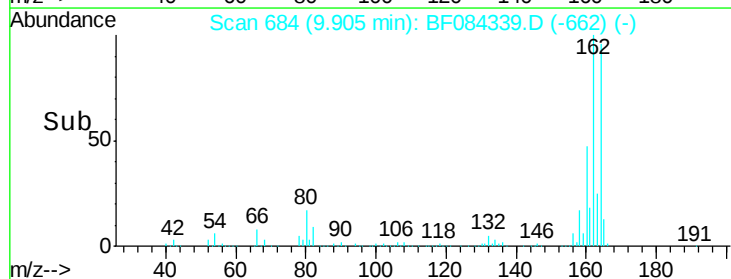
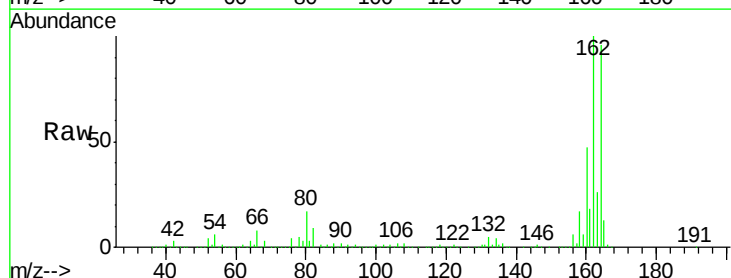
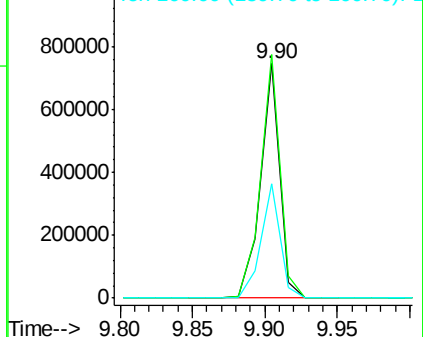
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	48.7	37.5	56.3

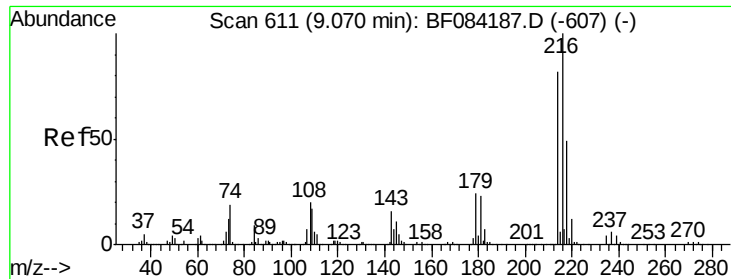
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.81 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084339.D

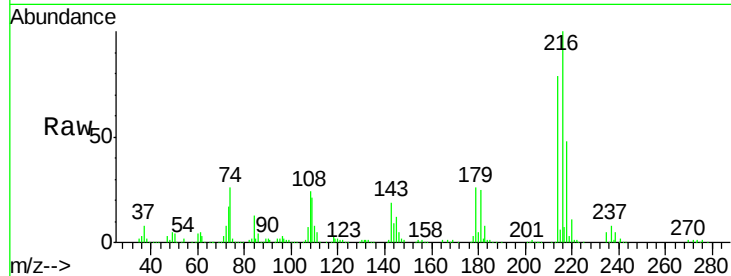
Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

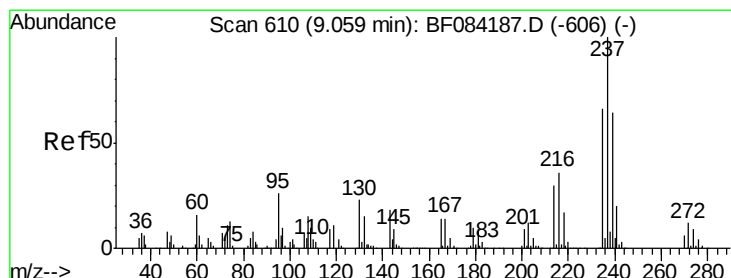
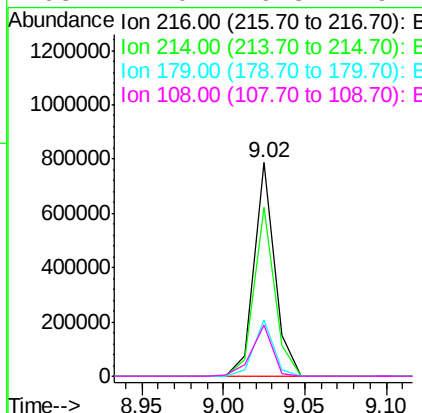
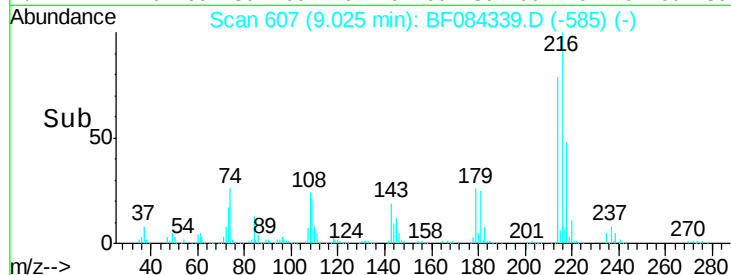
SSTDCCC040EC



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		698146		
214	78.6		64.2	96.2	
179	24.6		18.7	28.1	
108	24.0		16.8	25.2	

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#40

Hexachlorocyclopentadiene

Concen: 29.00 ng

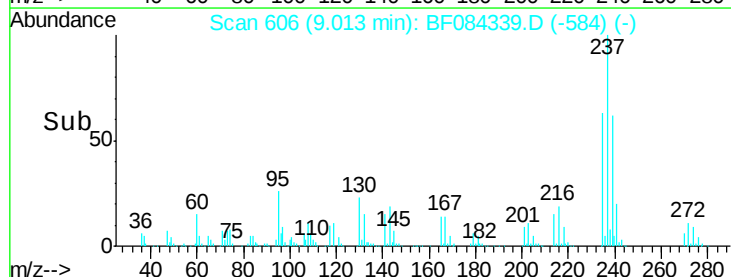
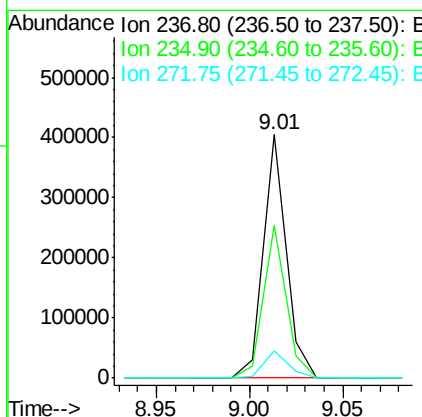
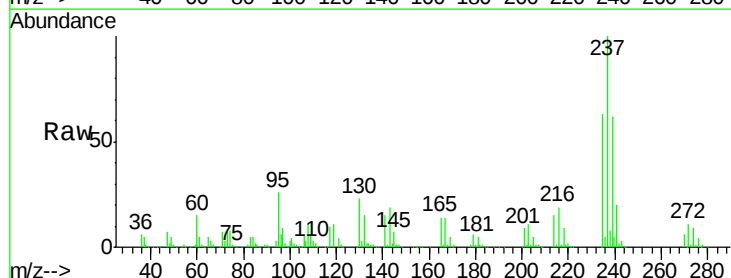
RT: 9.01 min Scan# 606

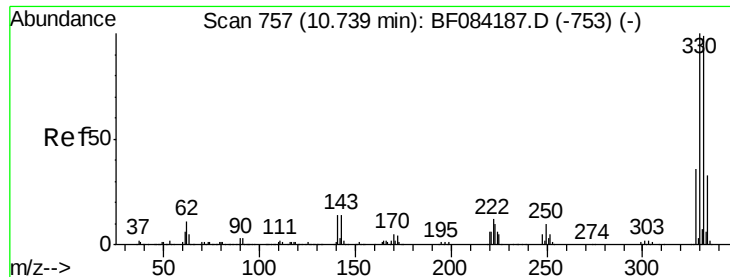
Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		341252		
235	62.9		43.1	83.1	
272	11.4		0.0	35.1	





#41

2,4,6-Tribromophenol

Concen: 72.88 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

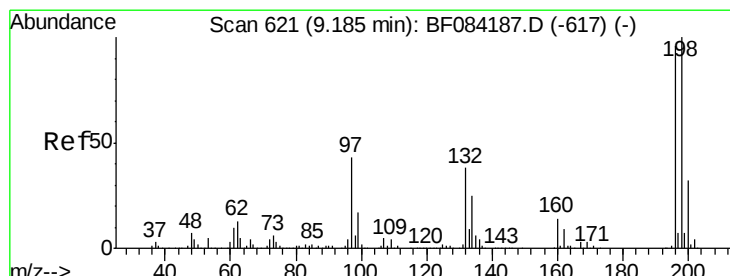
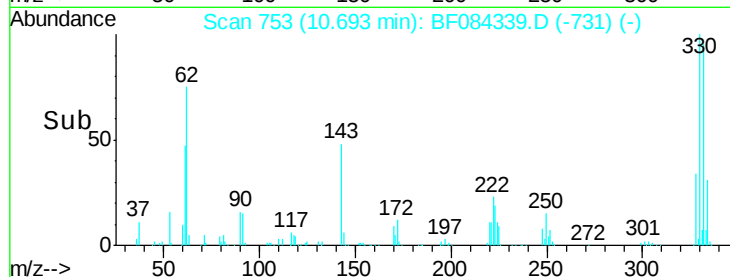
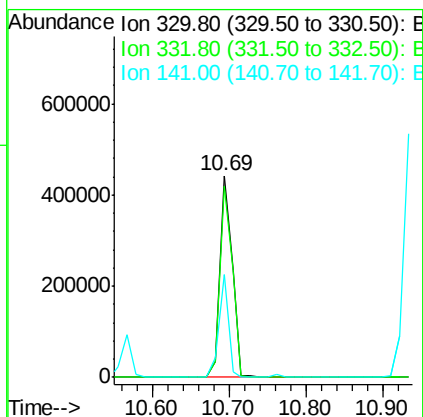
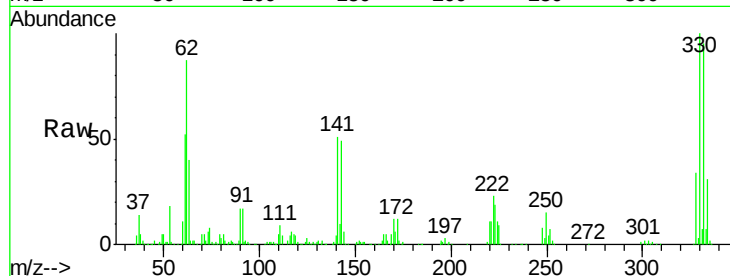
ClientSampleId :

SSTDCCC040EC

Tot Ion:	330	Resp:	498951
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.6	114.8
141	39.1	27.8	41.6

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#42

2,4,6-Trichlorophenol

Concen: 38.47 ng

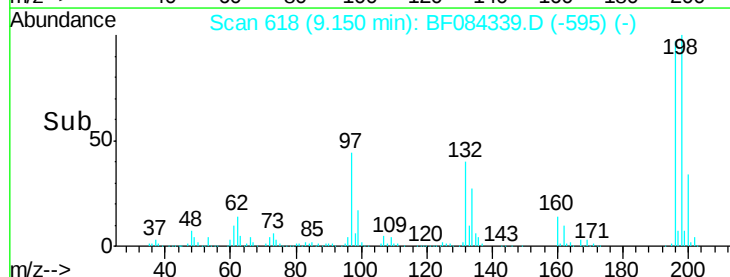
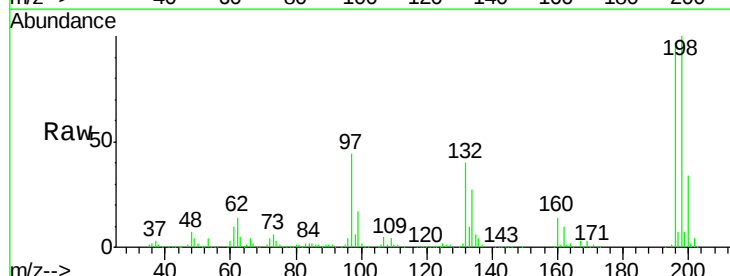
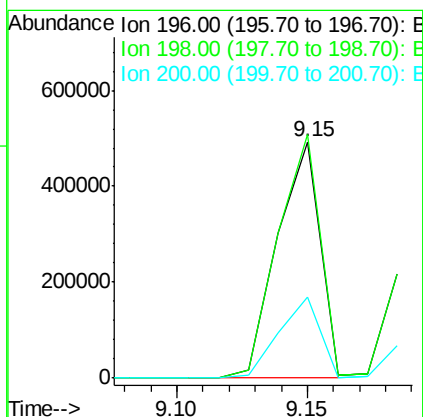
RT: 9.15 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:	196	Resp:	561035
Ion Ratio	Lower	Upper	
196	100		
198	103.1	77.7	116.5
200	34.6	24.6	37.0





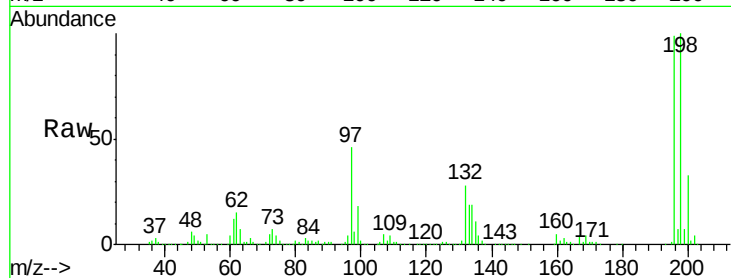
#43
 2,4,5-Trichlorophenol
 Concen: 41.99 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

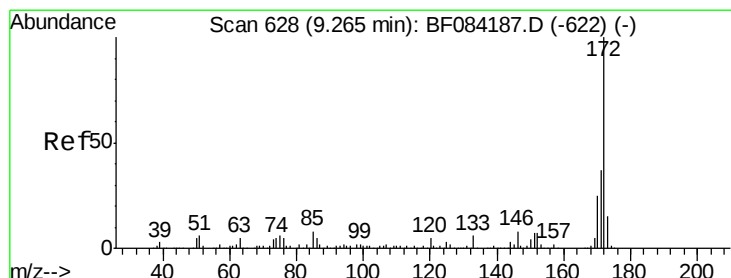
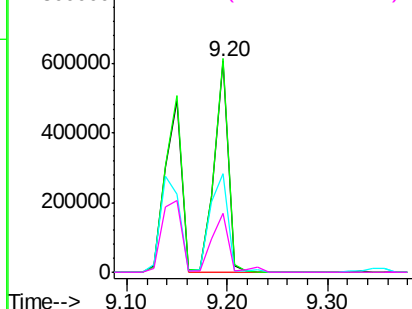
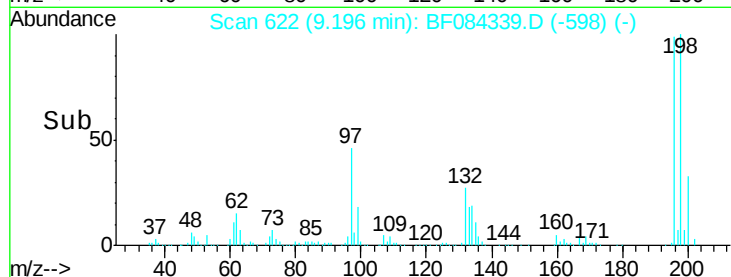
Tot Ion:	196	Resp:	587114
Ion Ratio	Lower	Upper	
196	100		
198	101.3	79.0	118.6
97	47.0	33.0	49.6
132	27.9	21.1	31.7

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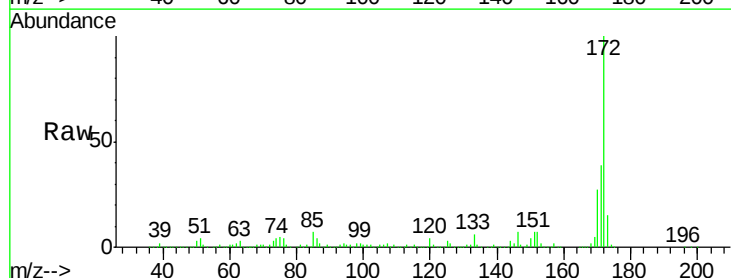


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

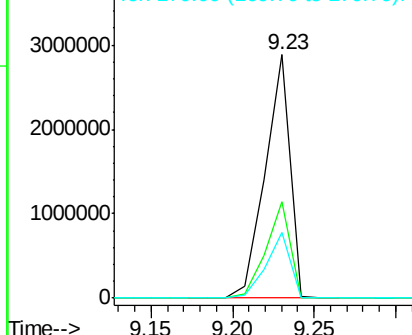
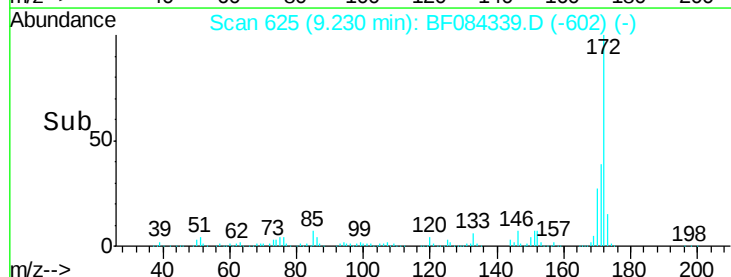


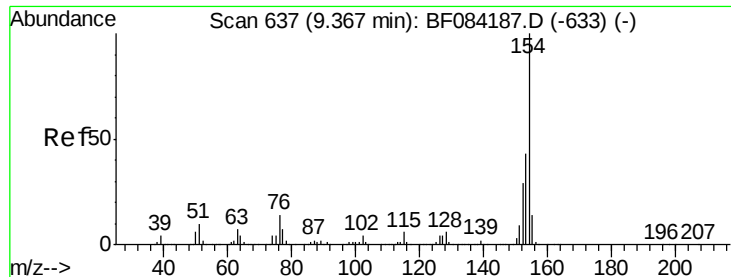
#44
 2-Fluorobiphenyl
 Concen: 78.70 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Tgt Ion:	172	Resp:	3051804
Ion Ratio	Lower	Upper	
172	100		
171	39.5	28.9	43.3
170	27.1	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





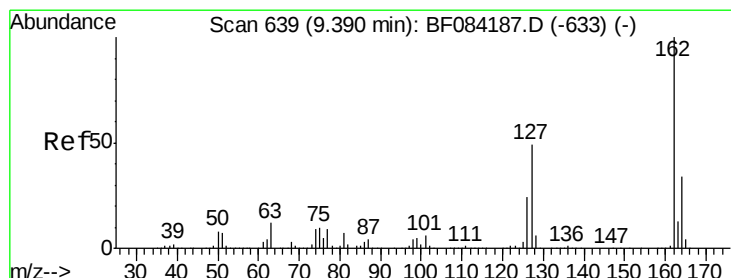
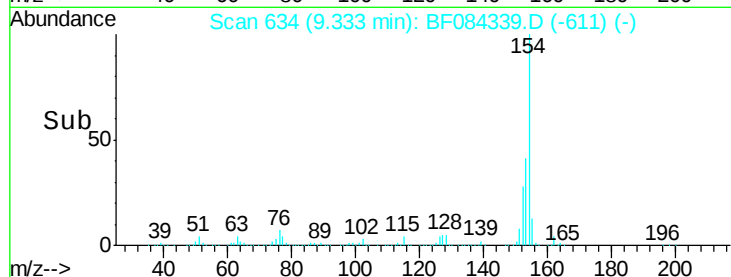
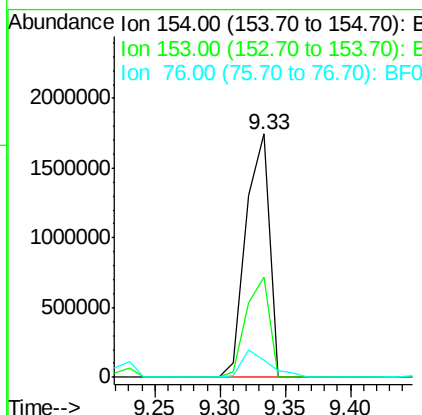
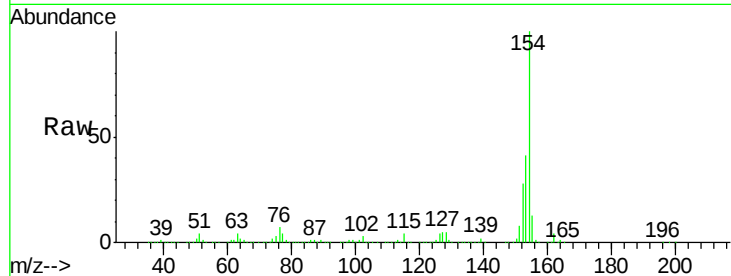
#45
 1,1'-Biphenyl
 Concen: 40.19 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.6	61.6
76	7.2	0.0	32.7

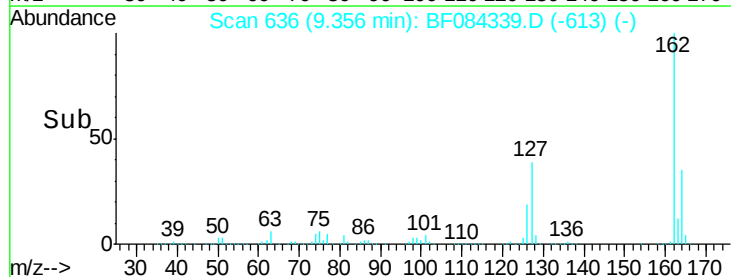
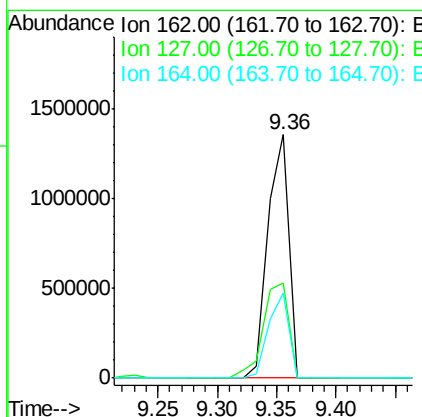
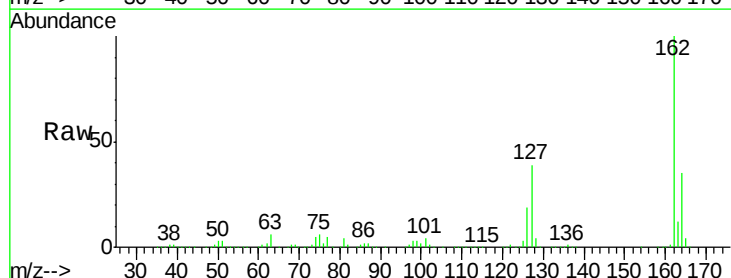
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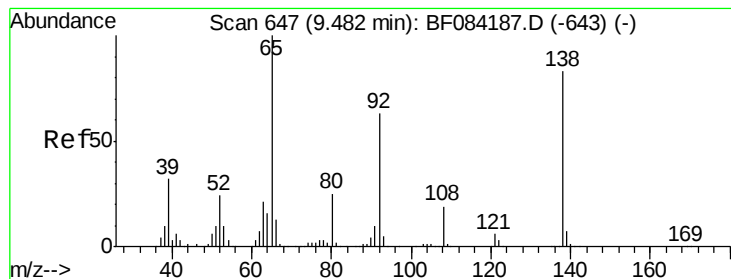
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#46
 2-Chloronaphthalene
 Concen: 39.38 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	40.2	60.4#
164	34.7	25.7	38.5





#47

2-Nitroaniline

Concen: 38.30 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

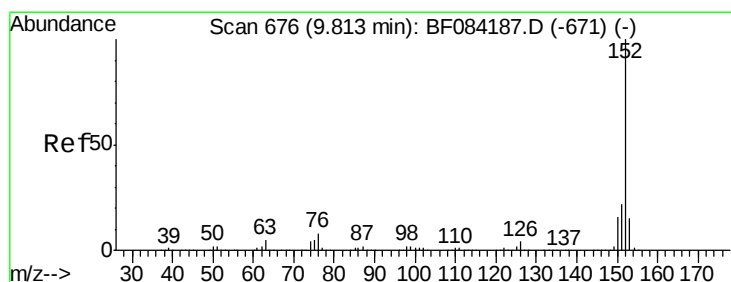
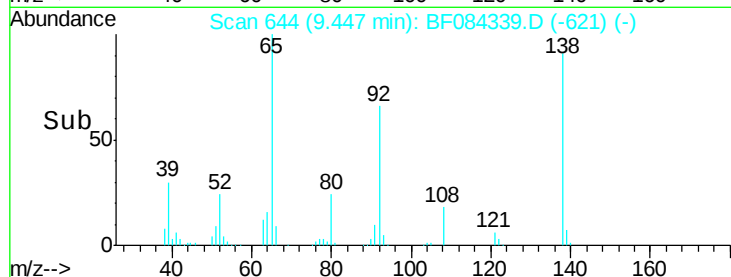
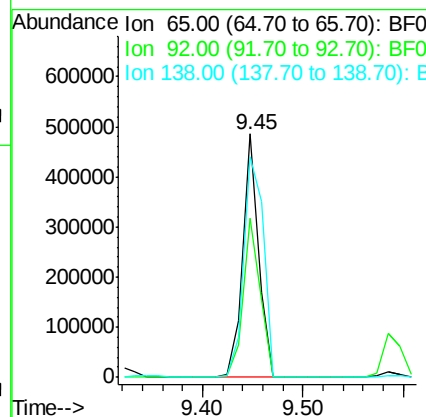
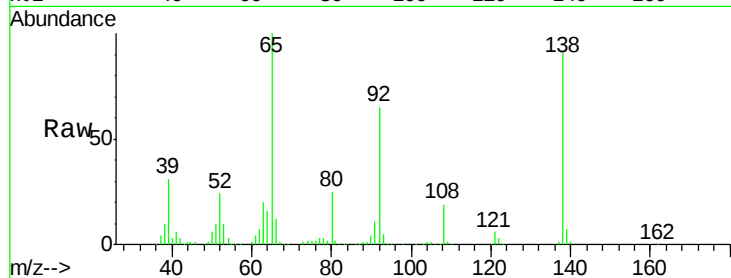
ClientSampleId :

SSTDCCC040EC

Tot Ion:	65	Resp:	535146
Ion Ratio	Lower	Upper	
65	100		
92	65.1	53.4	80.2
138	90.7	71.1	106.7

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#48

Acenaphthylene

Concen: 38.64 ng

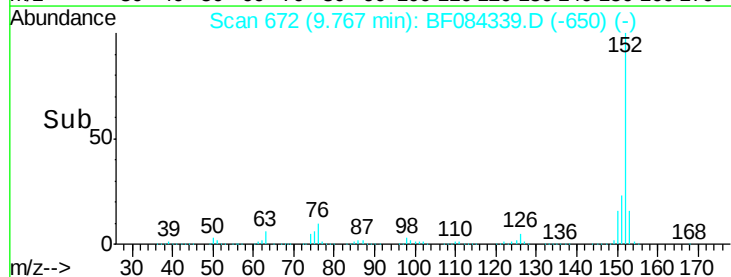
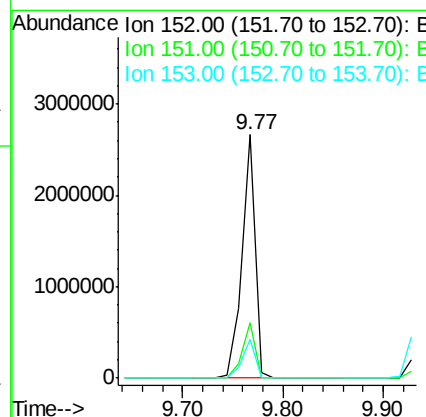
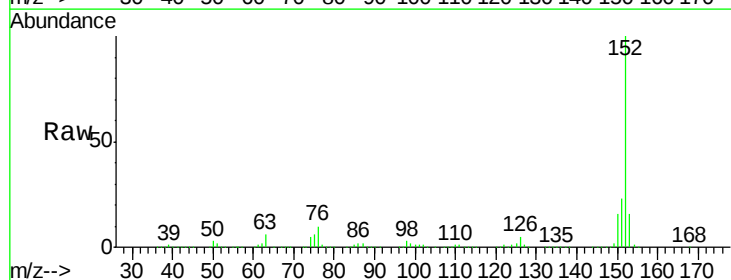
RT: 9.77 min Scan# 672

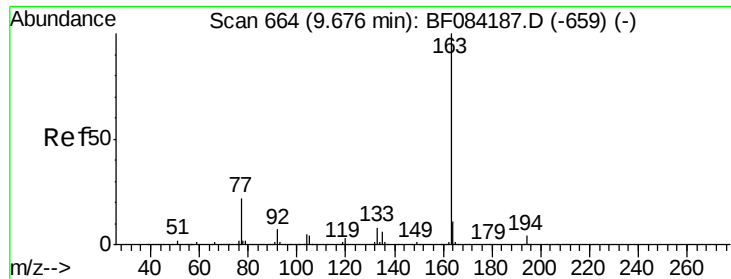
Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:	152	Resp:	2416366
Ion Ratio	Lower	Upper	
152	100		
151	22.8	16.3	24.5
153	15.8	10.4	15.6#





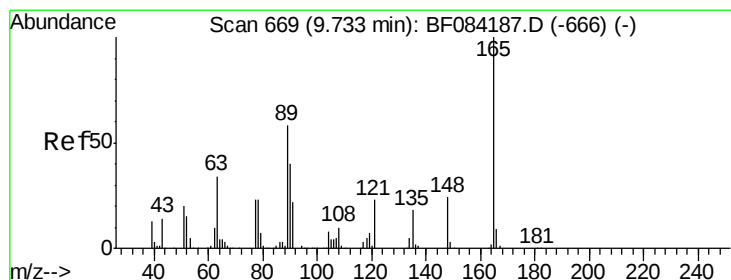
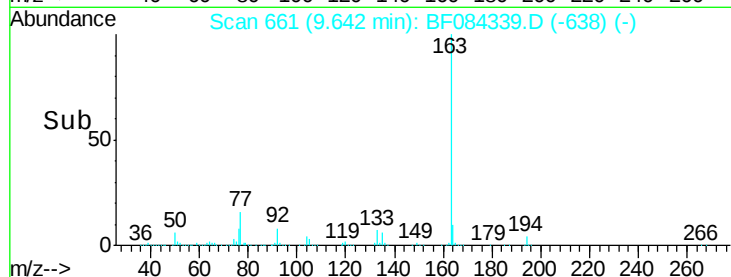
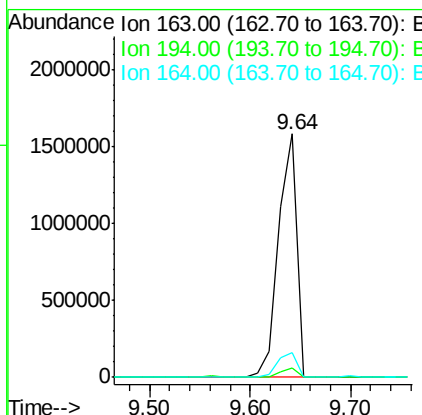
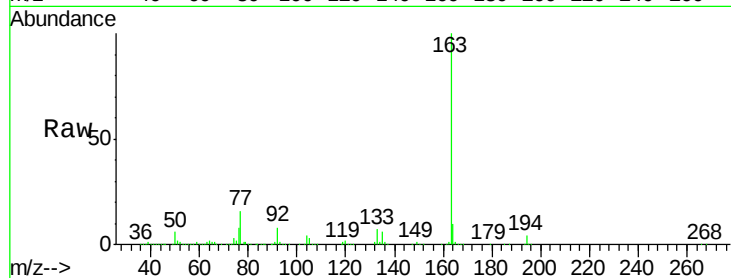
#49
Dimethylphthalate
Concen: 41.08 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	10.0	8.0	12.0

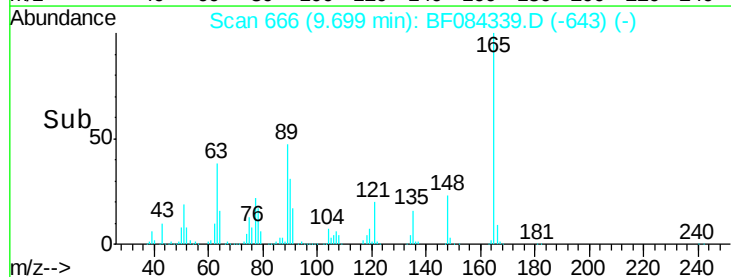
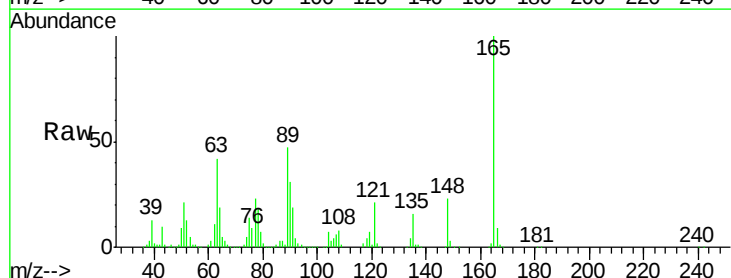
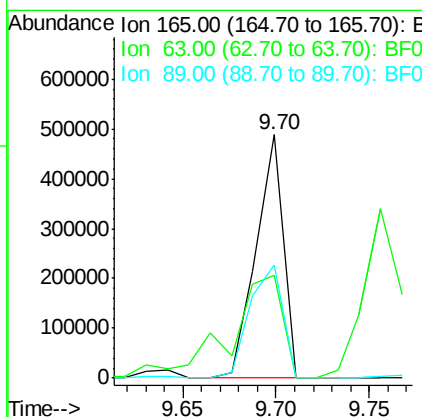
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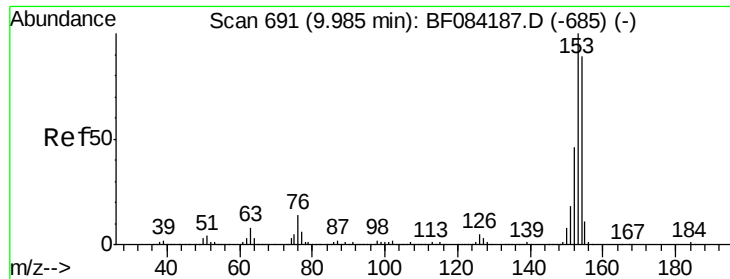
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#50
2,6-Dinitrotoluene
Concen: 46.27 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.4	28.8	43.2
89	46.7	35.1	52.7





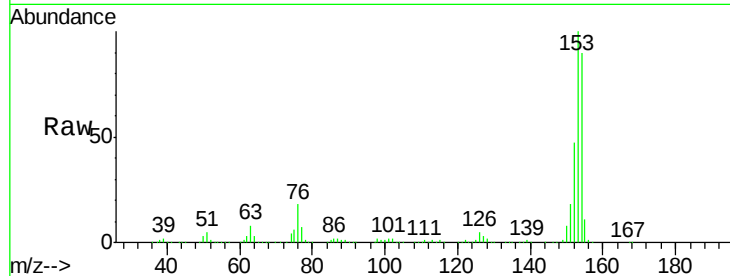
#51
Acenaphthene
Concen: 37.77 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

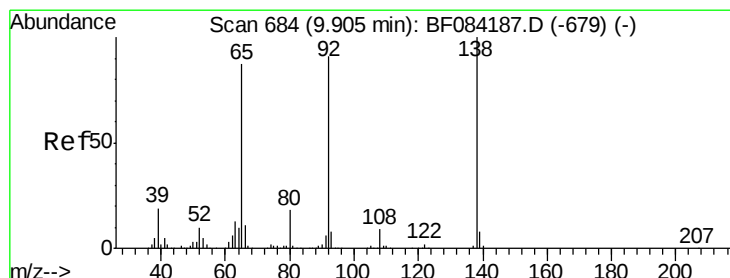
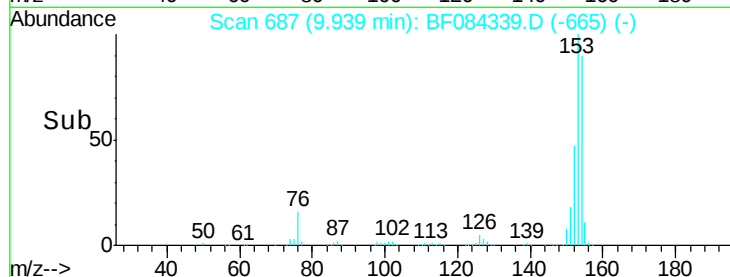
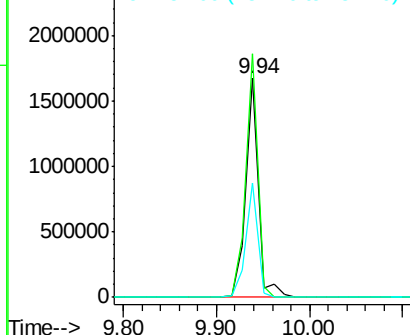
Tot Ion:154 Resp: 1584295
Ion Ratio Lower Upper
154 100
153 111.2 91.5 137.3
152 52.3 43.0 64.6

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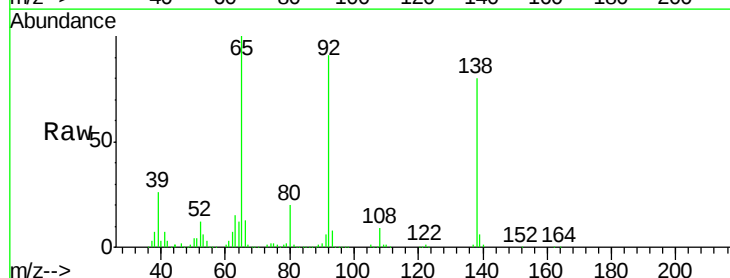


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

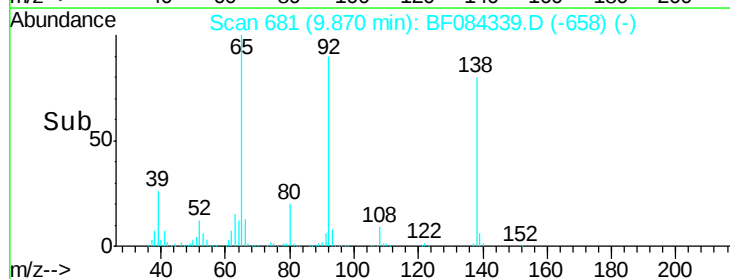
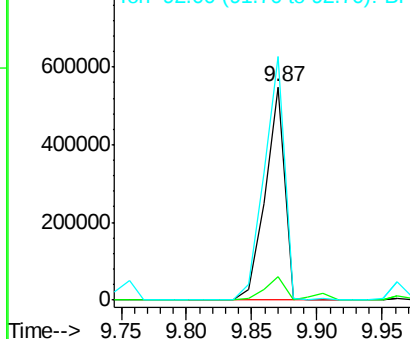


#52
3-Nitroaniline
Concen: 43.47 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion:138 Resp: 572748
Ion Ratio Lower Upper
138 100
108 11.0 10.5 15.7
92 114.2 103.9 155.9



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





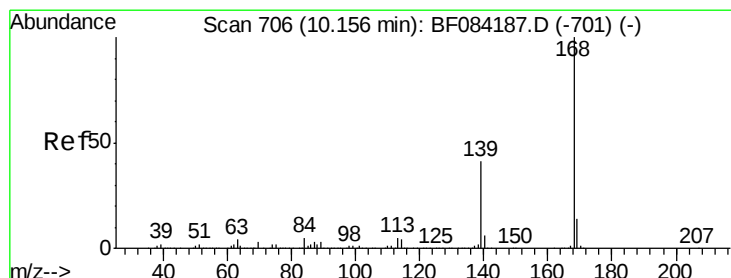
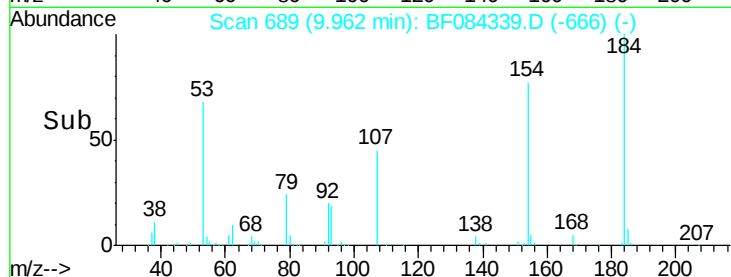
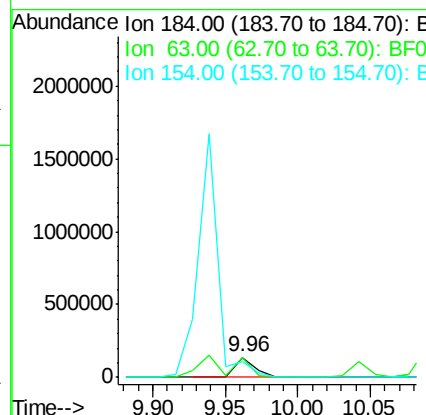
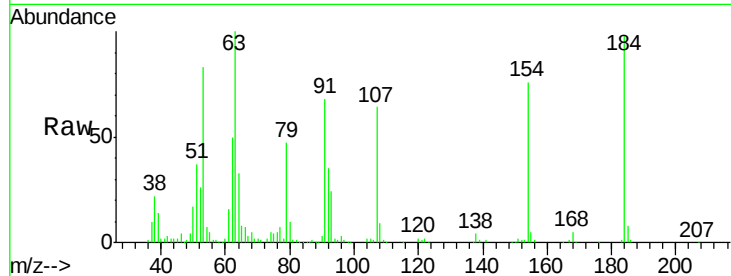
#53
2,4-Dinitrophenol
Concen: 32.74 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	102.3	43.1	64.7#	
154	77.4	60.5	90.7	

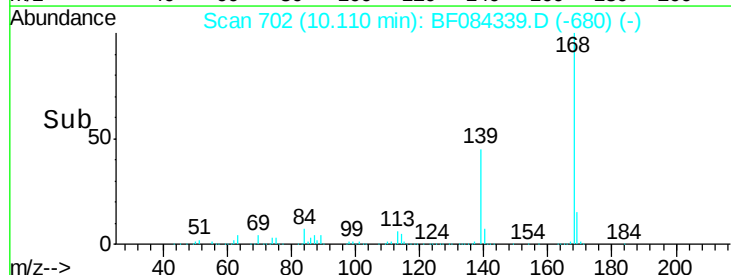
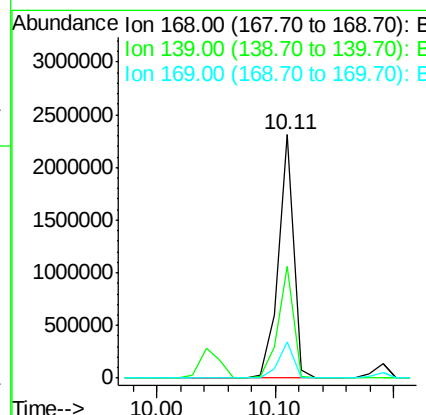
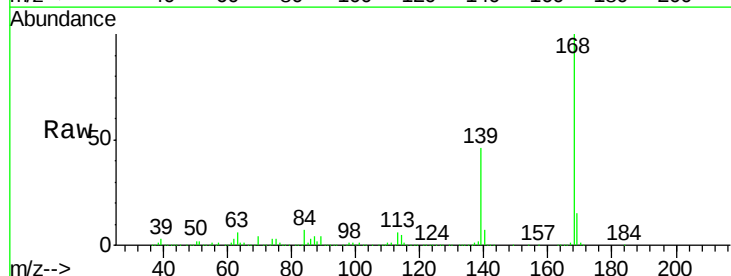
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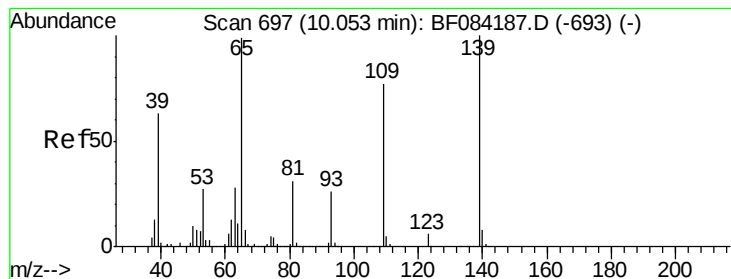
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#54
Dibenzofuran
Concen: 37.68 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	46.2	30.5	45.7#	
169	14.8	10.4	15.6	





#55

4-Nitrophenol

Concen: 34.98 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

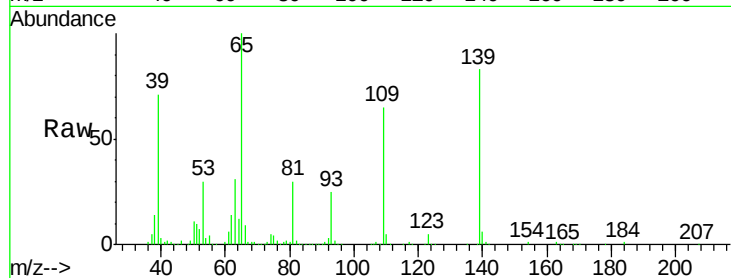
ClientSampleId :

SSTDCCC040EC

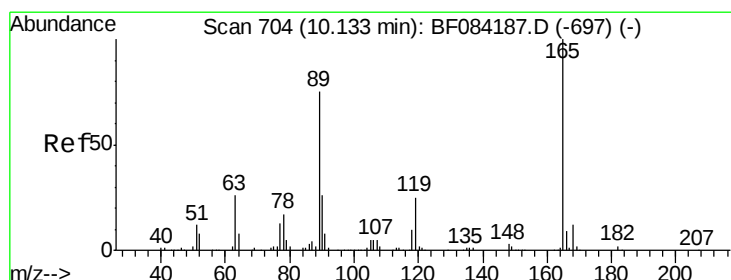
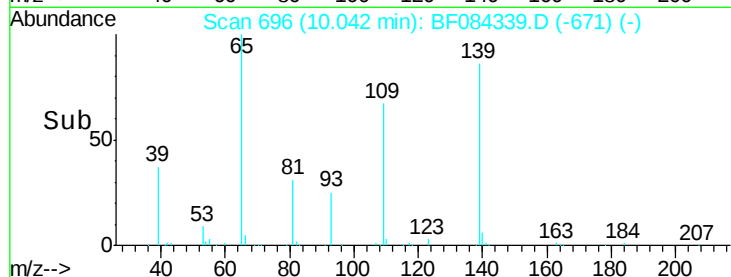
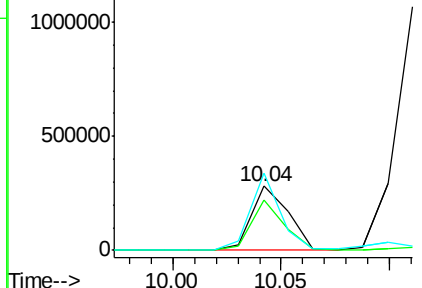
Tot Ion:	139	Resp:	334484
Ion Ratio	Lower	Upper	
139	100		
109	78.5	58.5	98.5
65	120.3	57.6	97.6

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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



#56

2,4-Dinitrotoluene

Concen: 46.95 ng

RT: 10.10 min Scan# 701

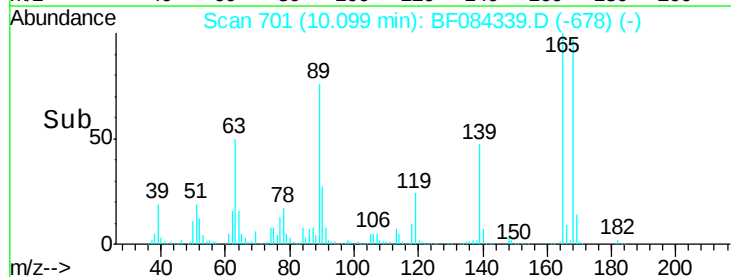
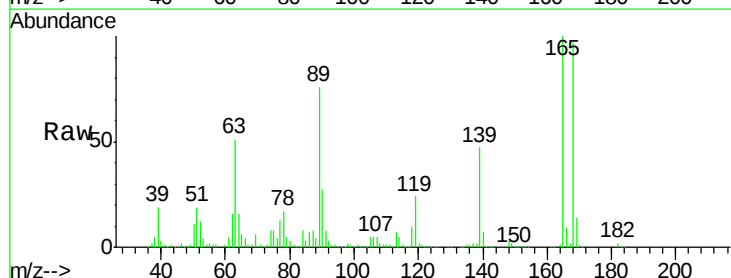
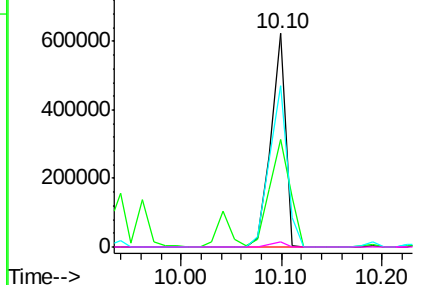
Delta R.T. -0.03 min

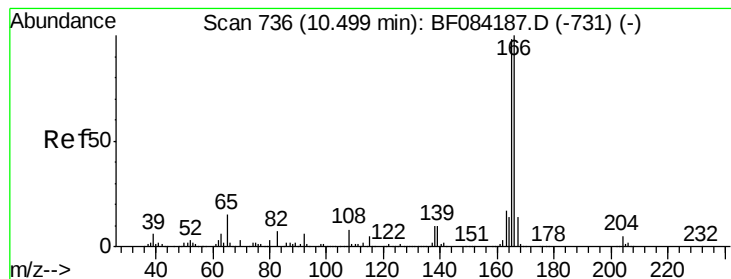
Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:	165	Resp:	631833
Ion Ratio	Lower	Upper	
165	100		
63	50.6	36.7	55.1
89	75.5	61.9	92.9
182	2.2	2.0	3.0

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.88 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1686772

Ion Ratio Lower Upper

166 100

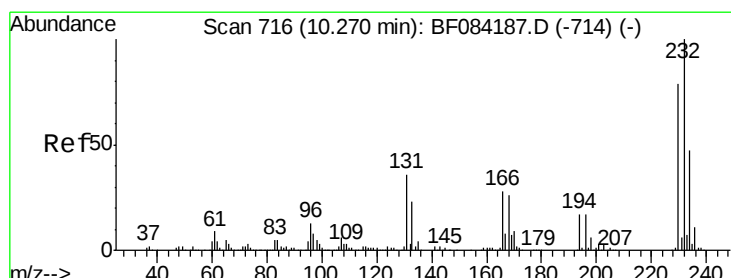
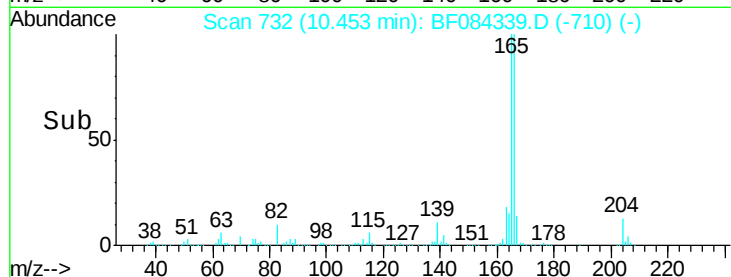
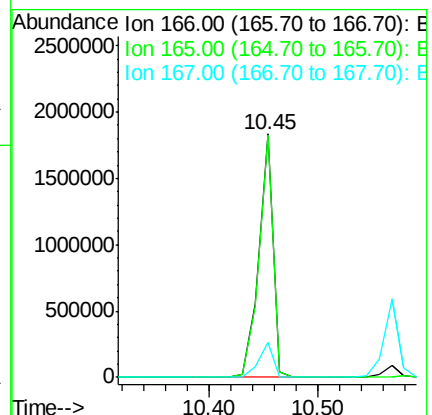
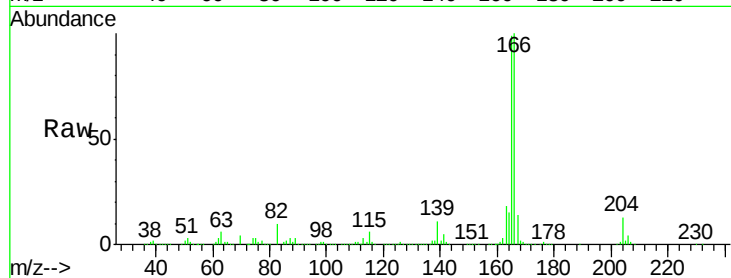
165 99.3 79.1 118.7

167 14.4 10.4 15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.39 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:232 Resp: 482087

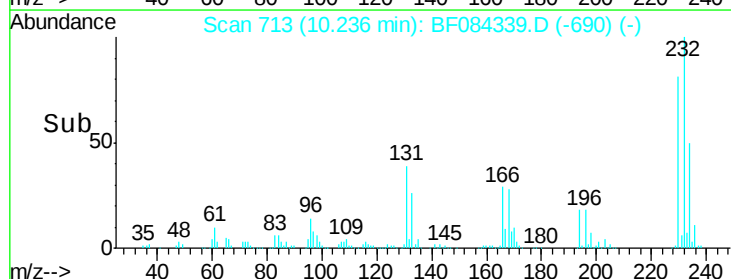
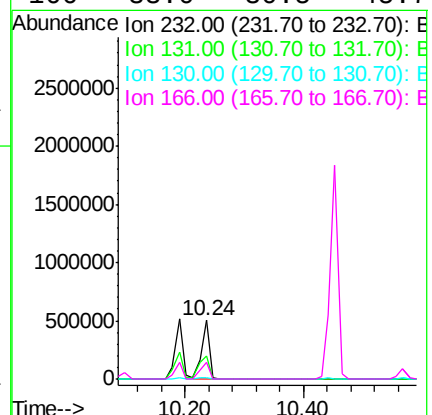
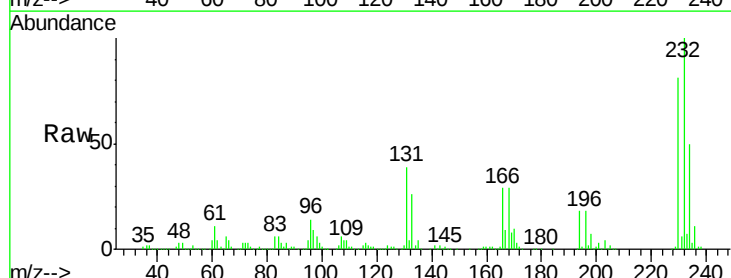
Ion Ratio Lower Upper

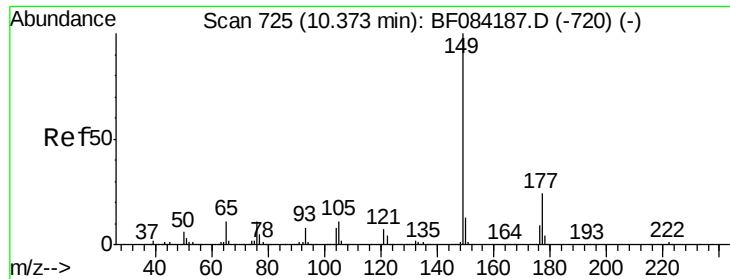
232 100

131 49.2 47.0 70.6

130 2.5 2.0 3.0

166 33.0 30.5 45.7





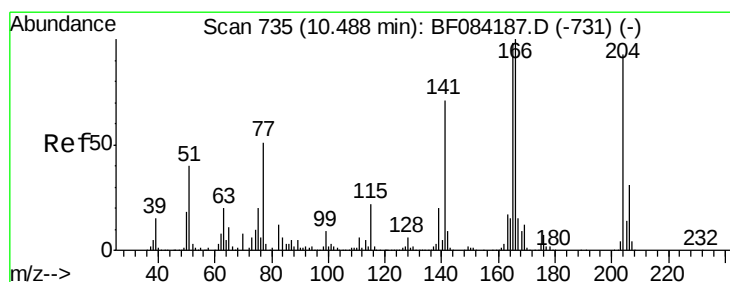
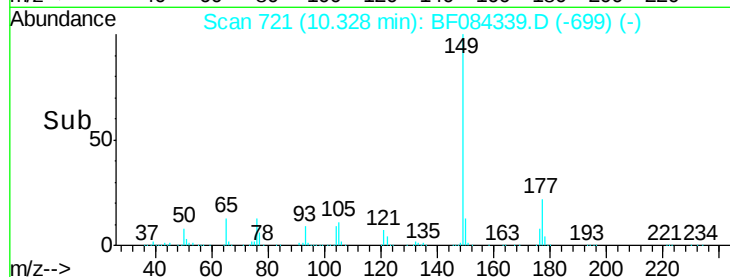
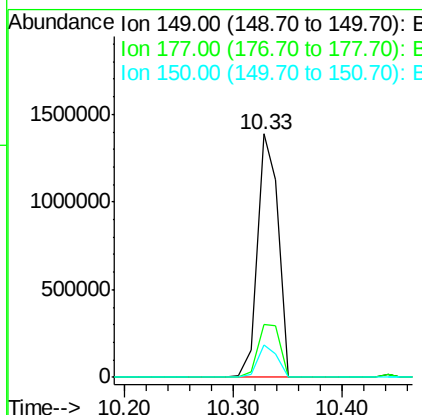
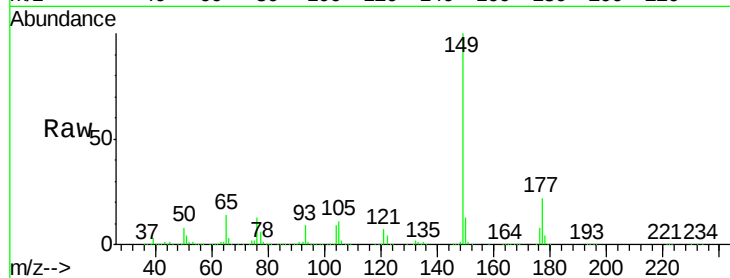
#59
Diethylphthalate
Concen: 38.55 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1842512
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 13.1 9.8 14.8

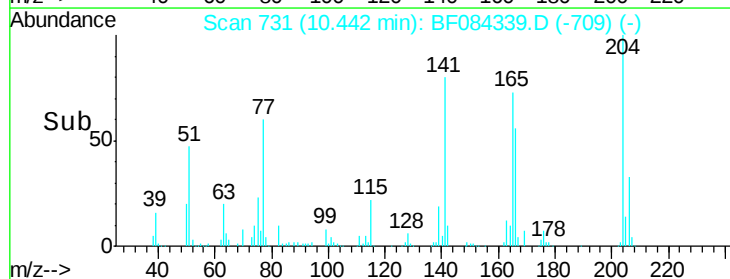
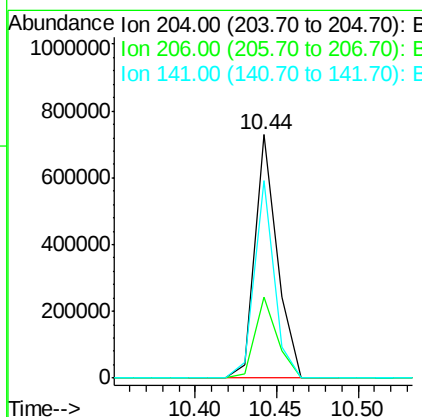
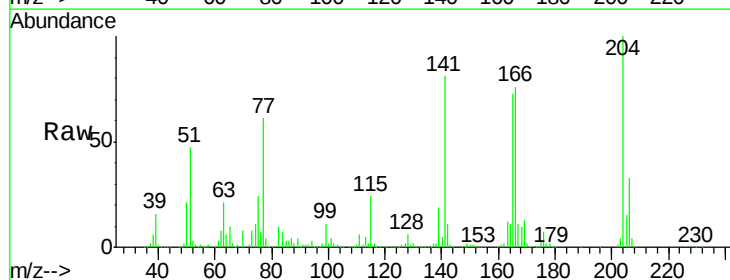
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#60
4-Chlorophenyl-phenylether
Concen: 37.92 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion:204 Resp: 694261
Ion Ratio Lower Upper
204 100
206 33.2 25.7 38.5
141 81.2 55.1 82.7





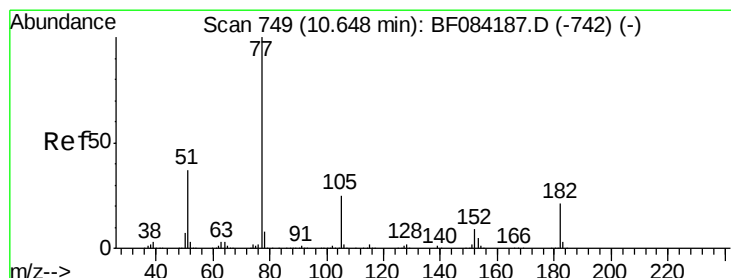
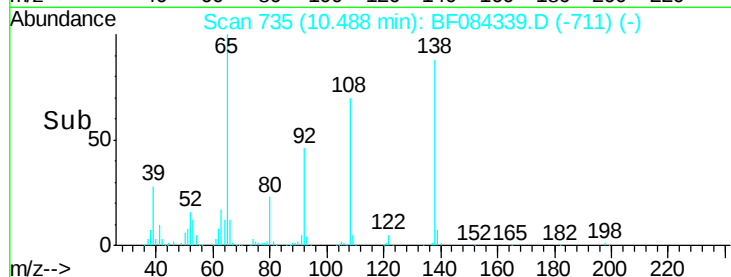
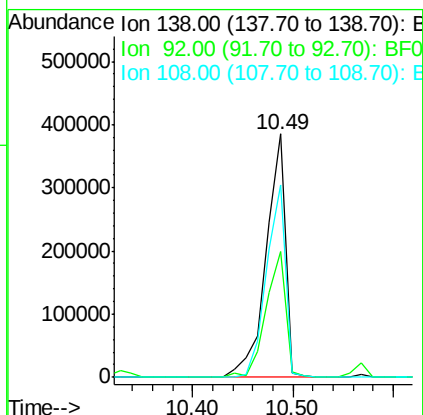
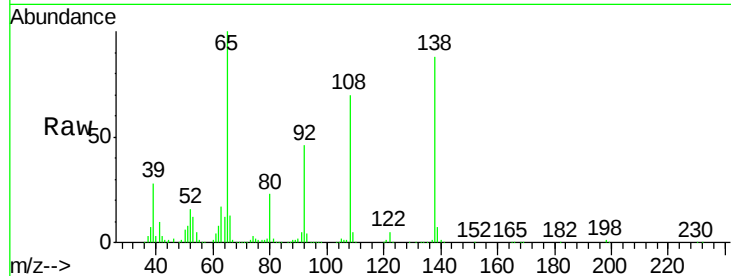
#61
4-Nitroaniline
Concen: 43.92 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	32.6	72.6
108	79.1	68.6	108.6

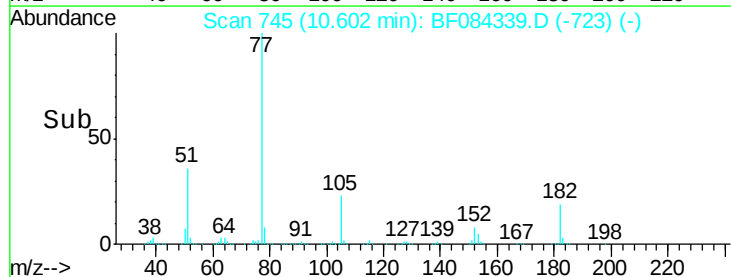
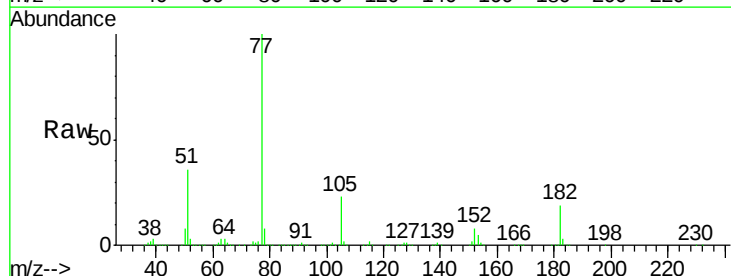
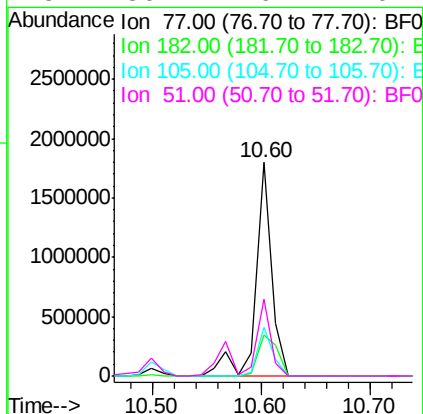
Manual Integrations
APPROVED

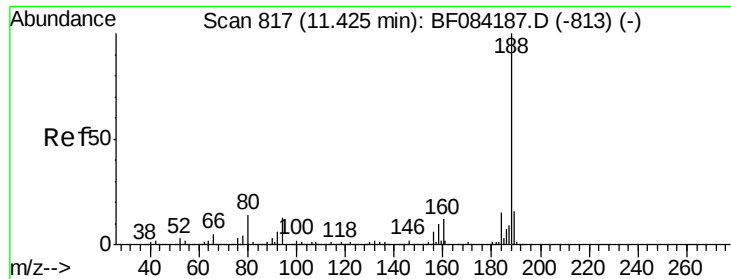
Sohil
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#62
Azobenzene
Concen: 35.64 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.4	8.3	48.3
105	23.0	4.6	44.6
51	36.1	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: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:188 Resp: 1275522

Ion Ratio Lower Upper

188 100

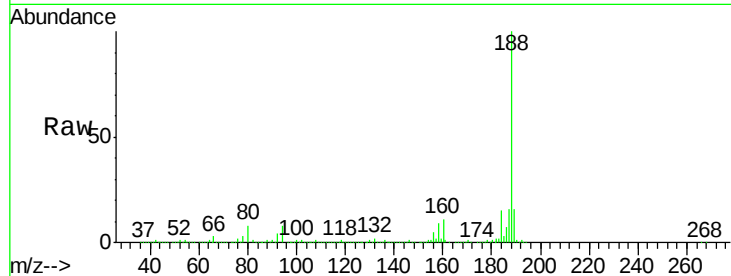
94 7.6 9.0 13.4#

80 8.0 9.6 14.4#

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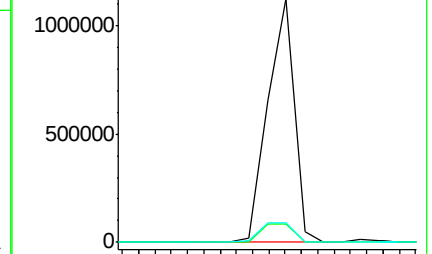
1/10/2016 9:51:37 AM



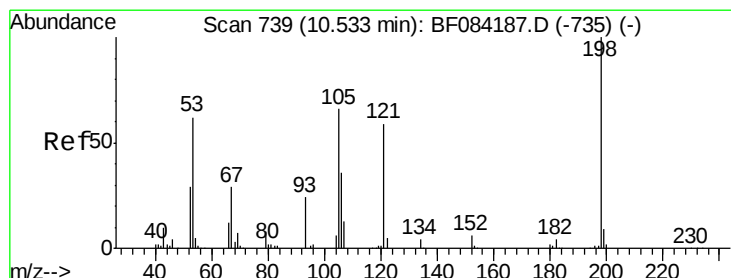
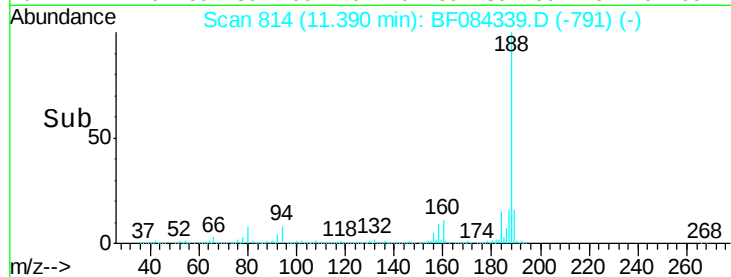
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 33.31 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

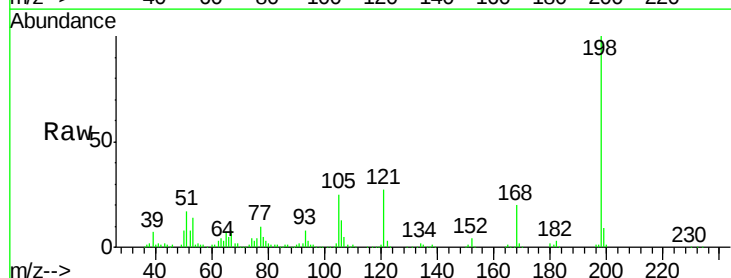
Tgt Ion:198 Resp: 257777

Ion Ratio Lower Upper

198 100

51 17.0 18.9 58.9#

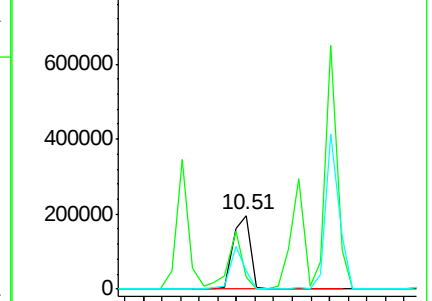
105 25.2 26.4 66.4#



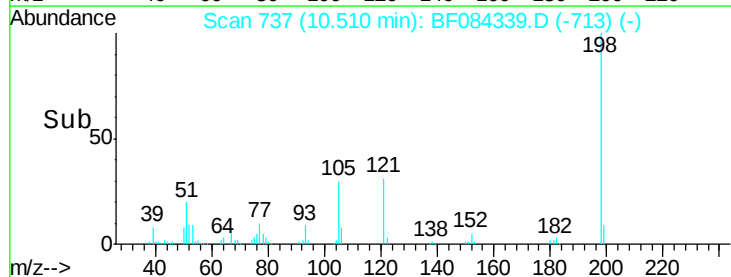
Abundance Ion 198.00 (197.70 to 198.70): E

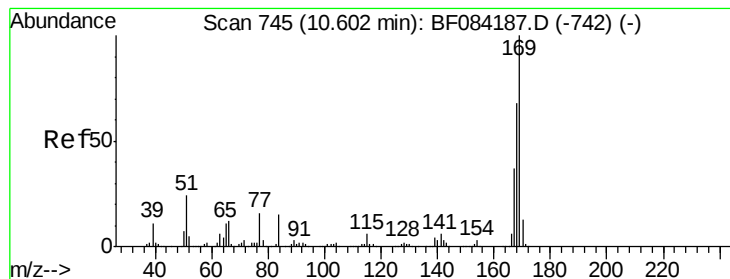
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 34.83 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 1420487

Ion Ratio Lower Upper

169 100

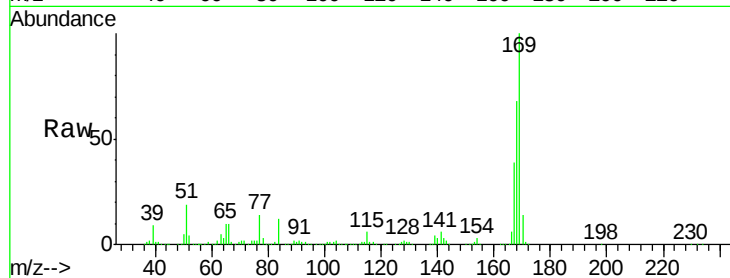
168 68.4 55.1 82.7

167 38.7 30.0 45.0

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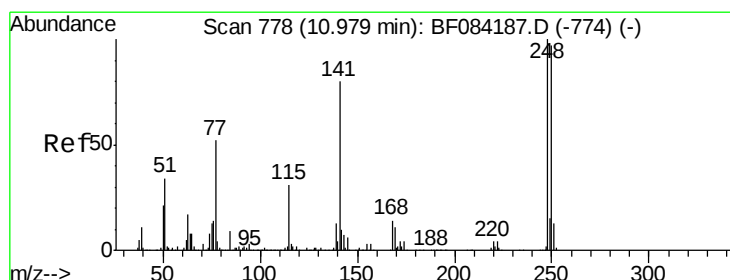
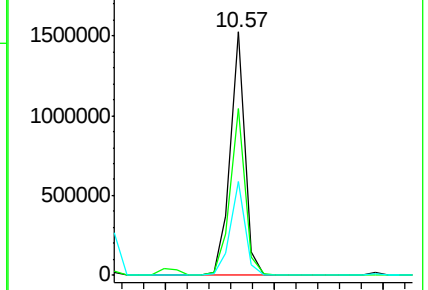
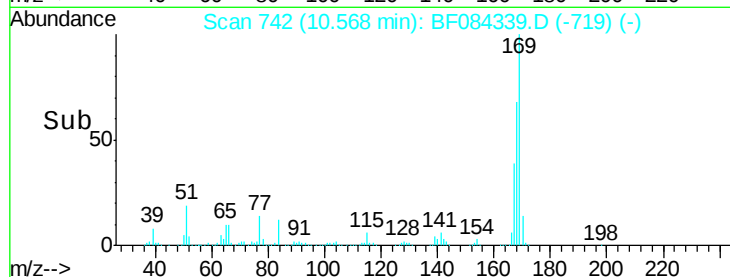
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.29 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

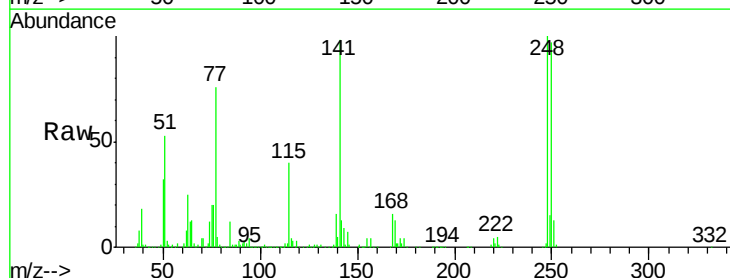
Tgt Ion:248 Resp: 484503

Ion Ratio Lower Upper

248 100

250 97.0 78.4 117.6

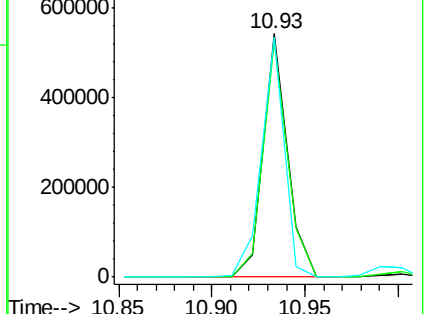
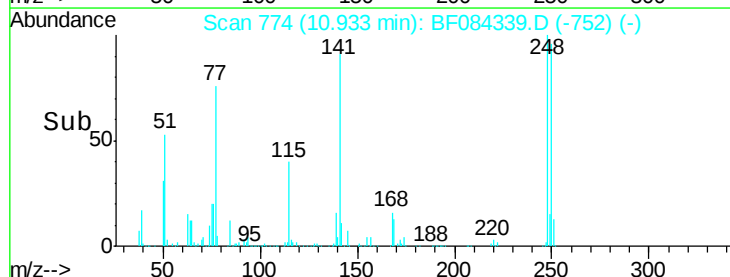
141 98.4 44.0 66.0#

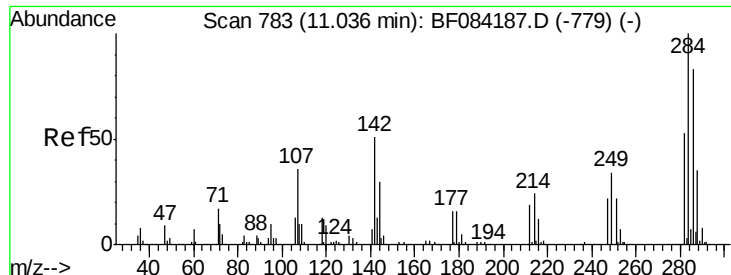


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





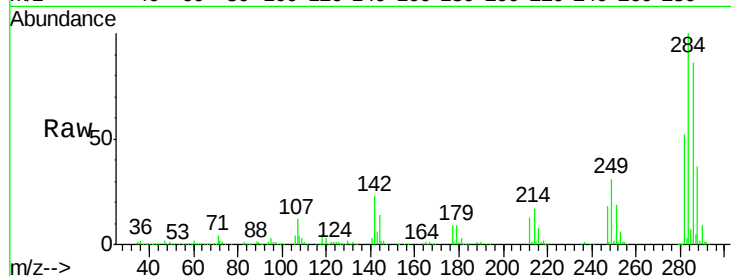
#67
Hexachlorobenzene
Concen: 39.22 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

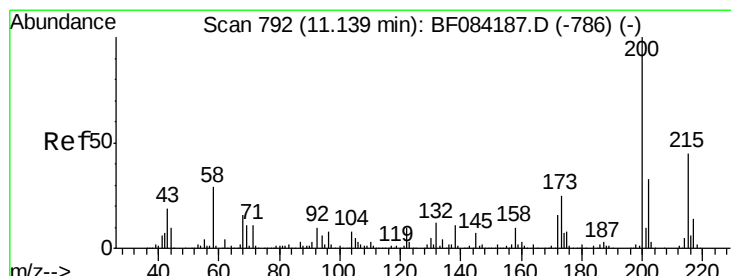
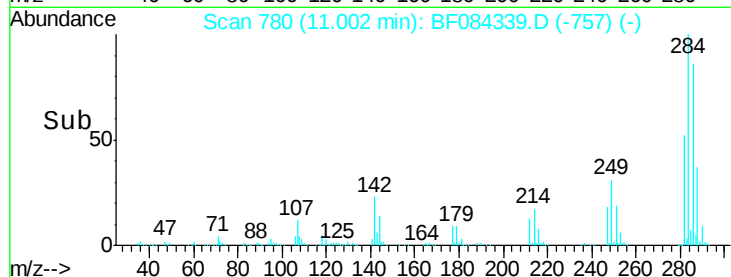
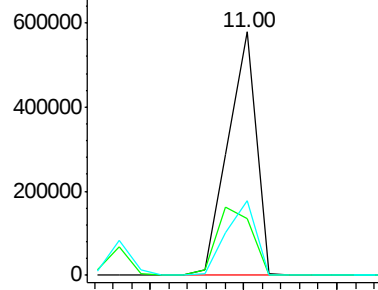
Tot Ion	Ratio	Resp	Lower	Upper
284	100	606010		
142	23.1	22.2	33.4	
249	30.5	24.6	37.0	

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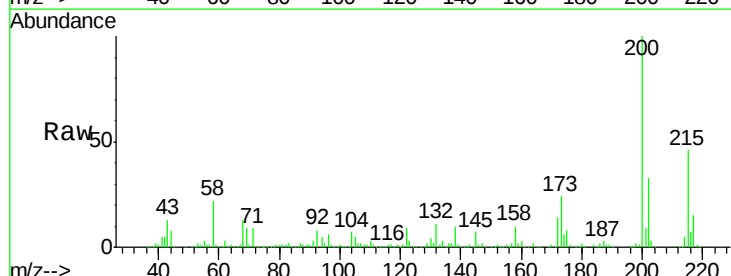


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

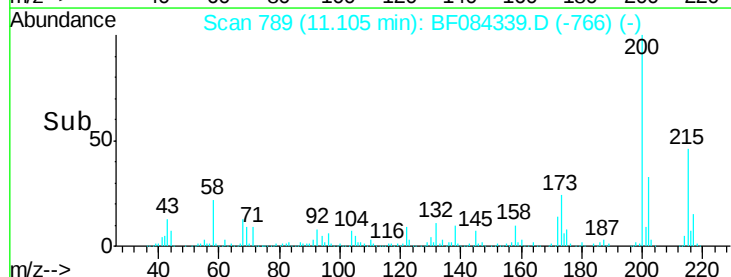
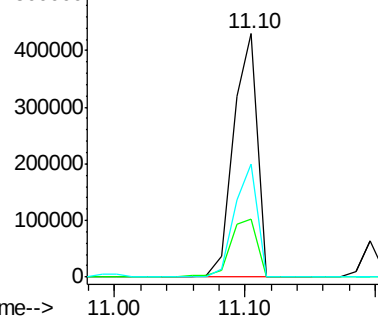


#68
Atrazine
Concen: 40.77 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	544143		
173	23.9	9.5	49.5	
215	46.5	23.8	63.8	



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





#69

Pentachlorophenol

Concen: 33.44 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

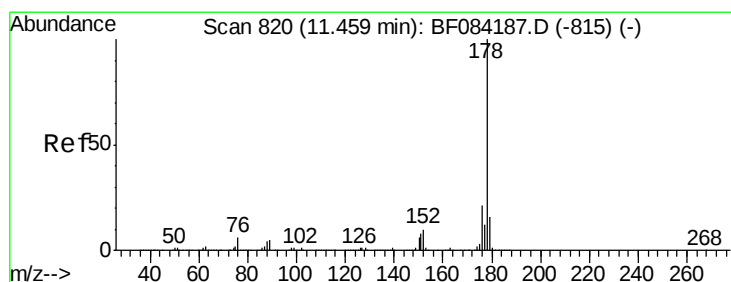
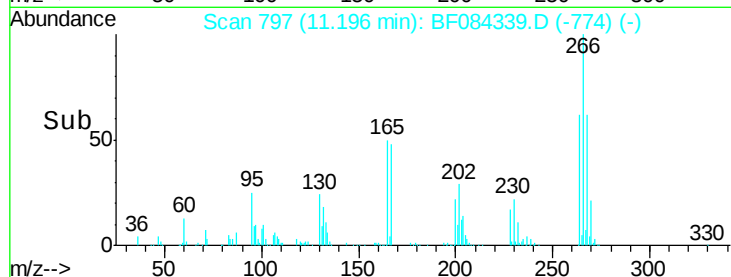
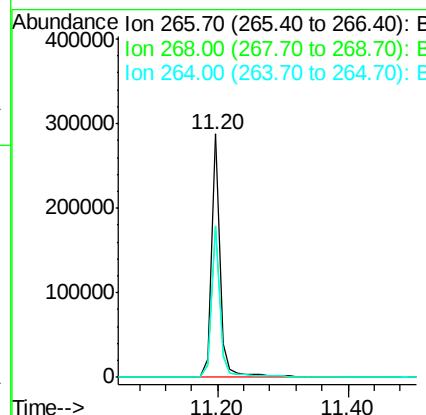
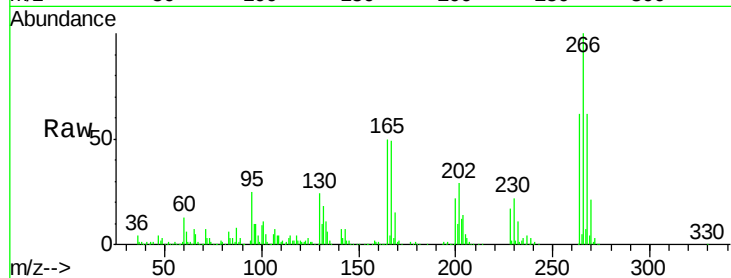
ClientSampleId :

SSTDCCC040EC

Tot Ion:	266	Resp:	267924
Ion Ratio	Lower	Upper	
266	100		
268	62.3	52.4	78.6
264	62.5	50.2	75.2

Manual Integrations
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#70

Phenanthrene

Concen: 35.98 ng

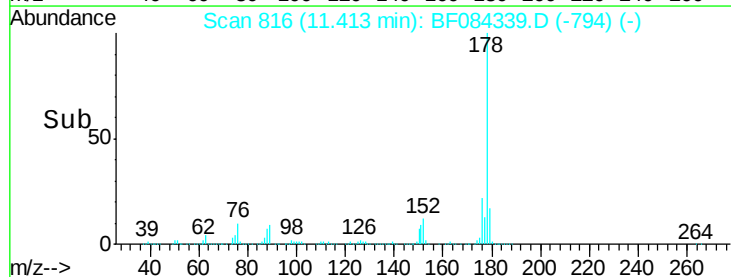
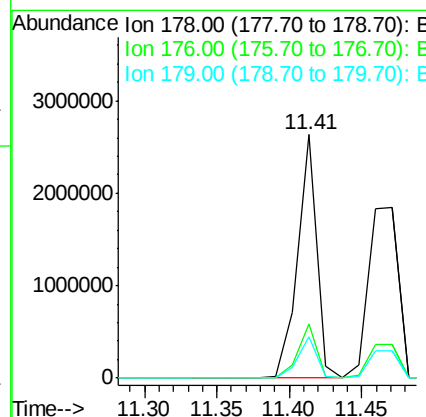
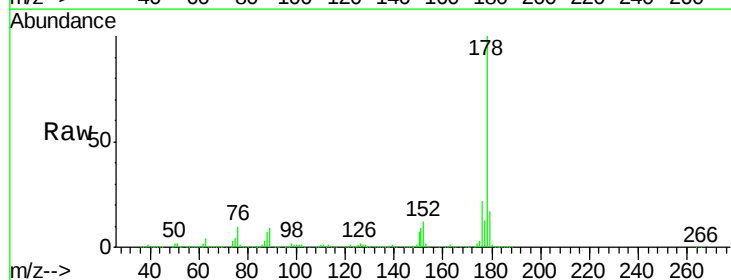
RT: 11.41 min Scan# 816

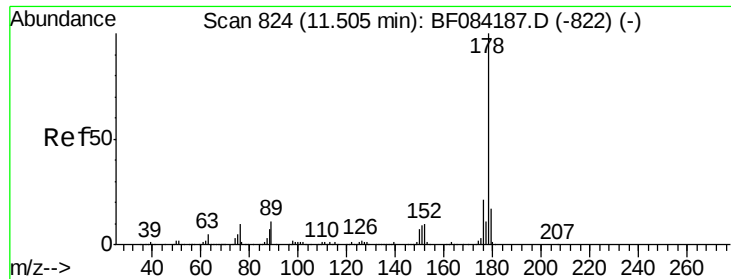
Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:	178	Resp:	2400398
Ion Ratio	Lower	Upper	
178	100		
176	22.1	15.3	22.9
179	17.1	12.0	18.0





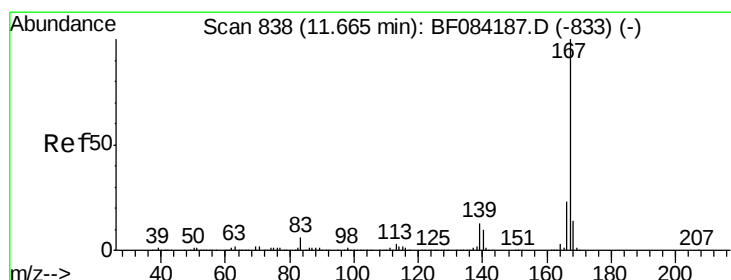
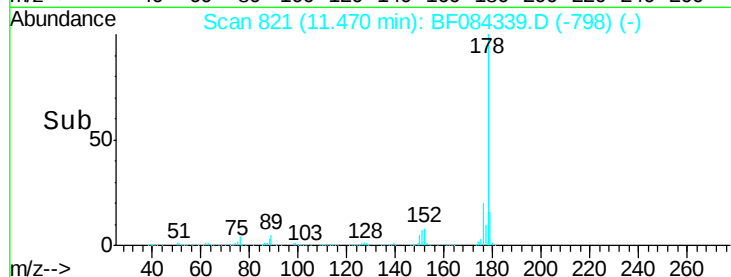
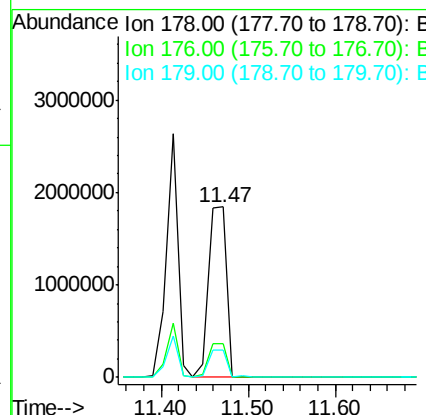
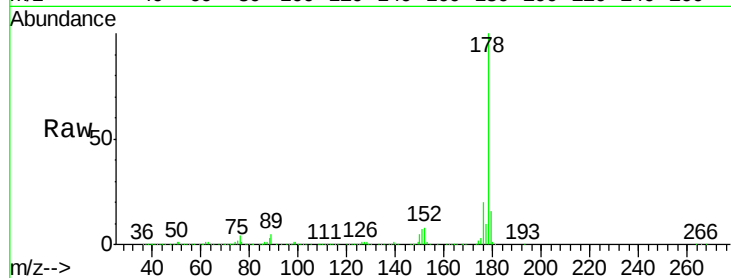
#71
 Anthracene
 Concen: 40.27 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 2633497
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 15.6 12.5 18.7

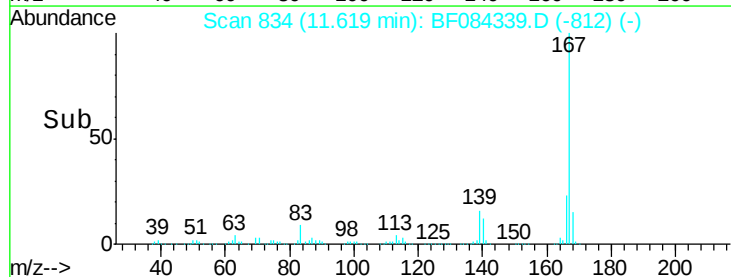
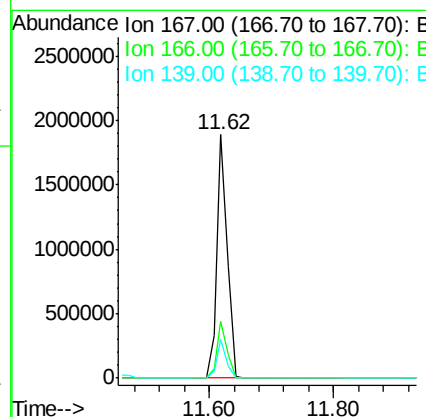
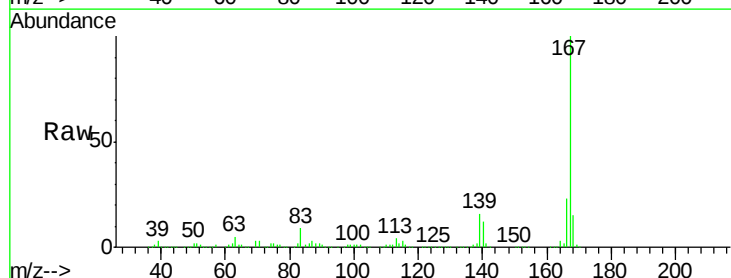
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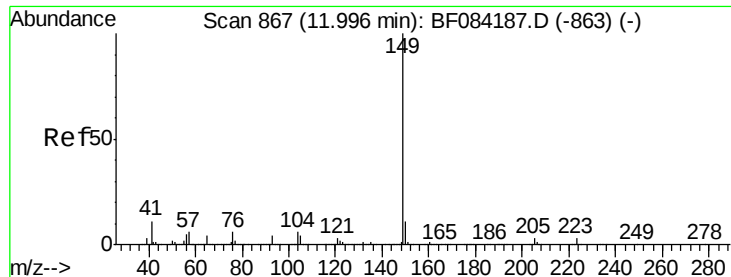
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#72
 Carbazole
 Concen: 33.49 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.05 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Tgt Ion:167 Resp: 2141060
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 15.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 36.67 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 2618700

Ion Ratio Lower Upper

149 100

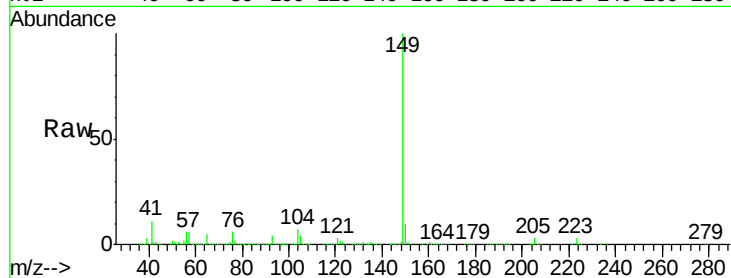
150 10.4 7.1 10.7

104 6.6 3.2 4.8#

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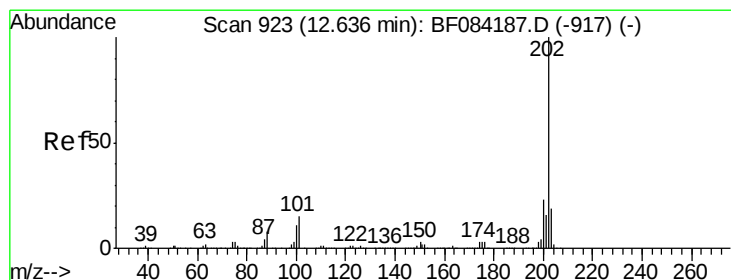
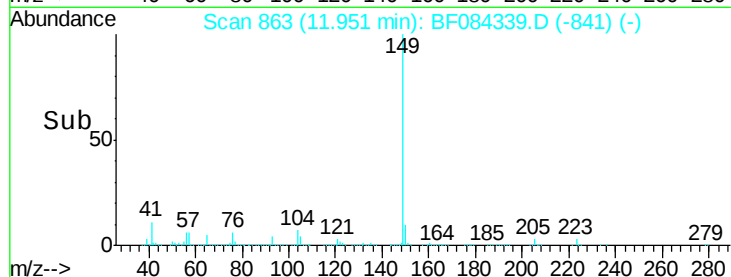
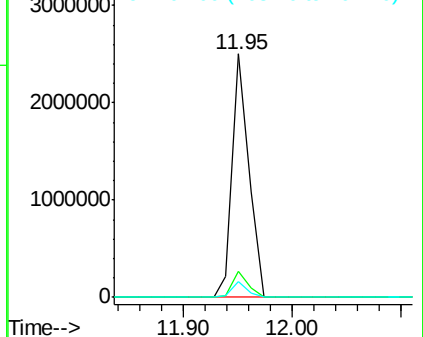
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.53 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

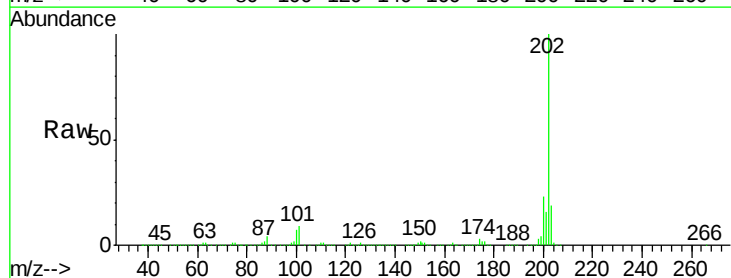
Tgt Ion:202 Resp: 2755463

Ion Ratio Lower Upper

202 100

101 8.9 0.0 32.8

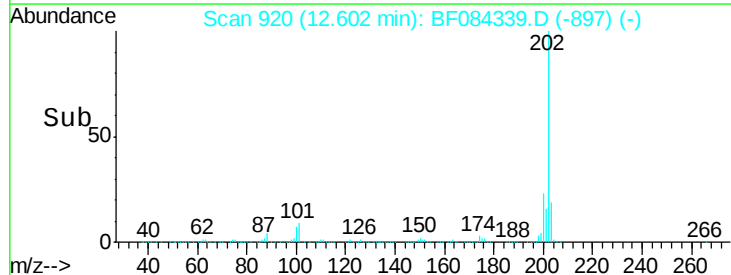
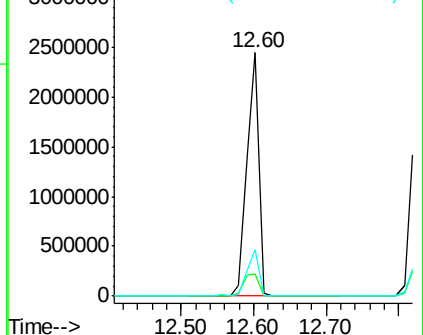
203 19.2 0.0 37.9

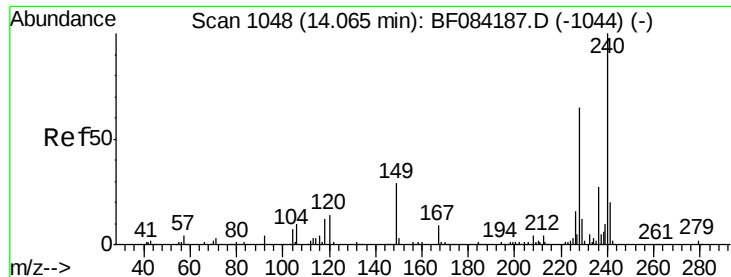


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

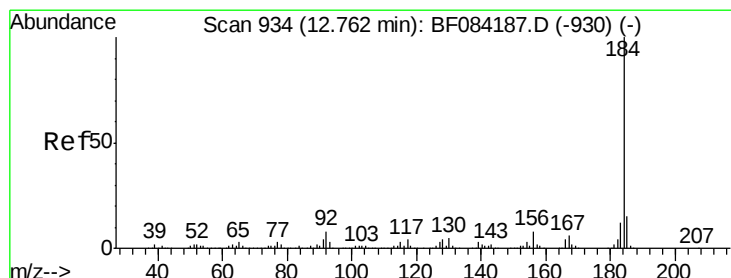
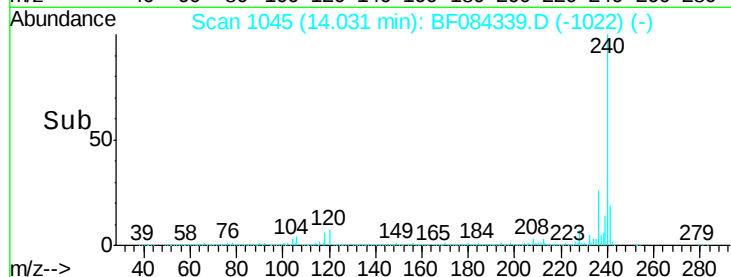
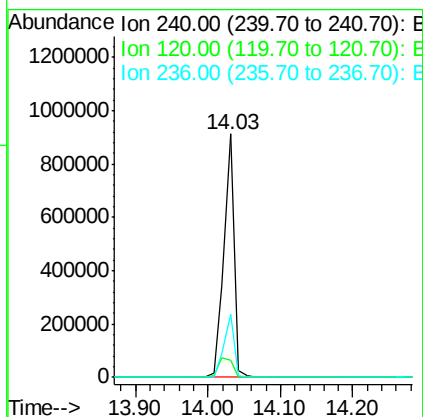
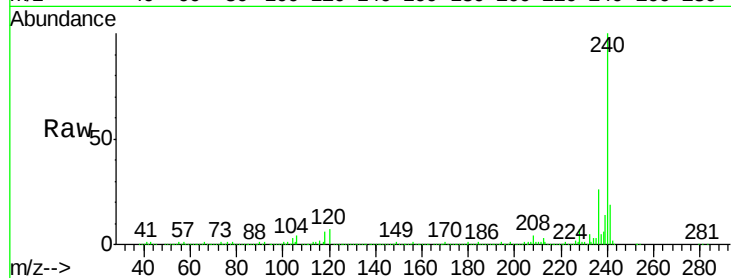
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	900714
Ion Ratio	Lower	Upper	
240	100		
120	6.8	9.5	14.3#
236	26.0	20.6	31.0

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#76

Benzidine

Concen: 22.44 ng

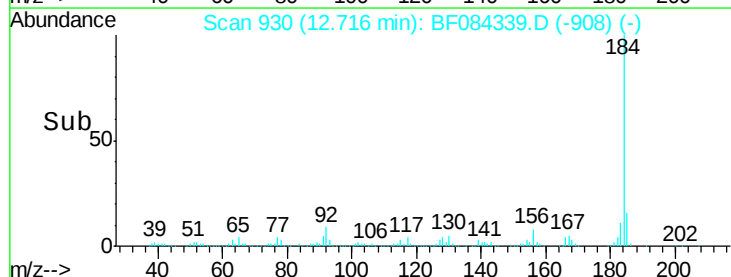
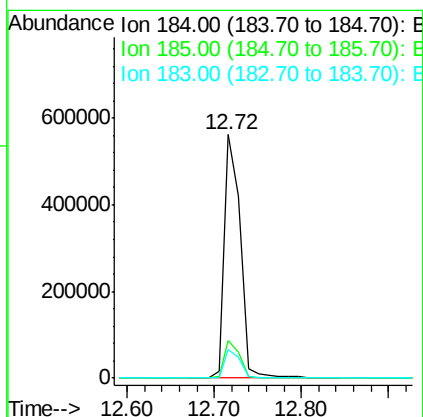
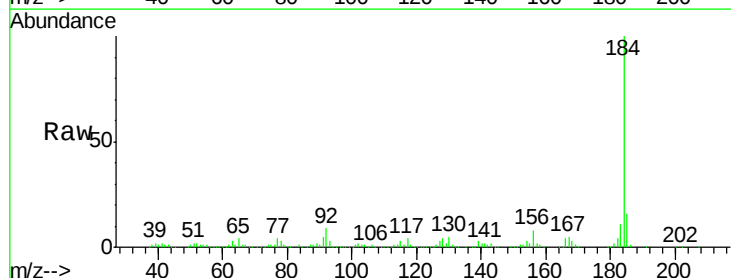
RT: 12.72 min Scan# 930

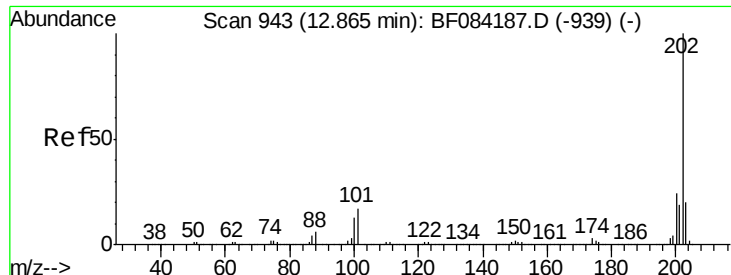
Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:	184	Resp:	724548
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	11.5	9.8	14.8





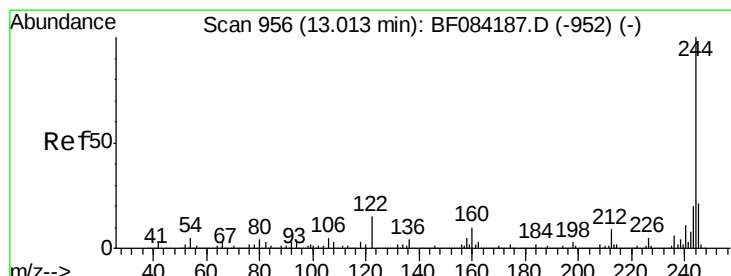
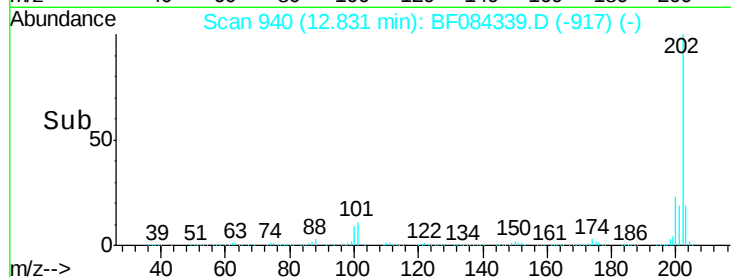
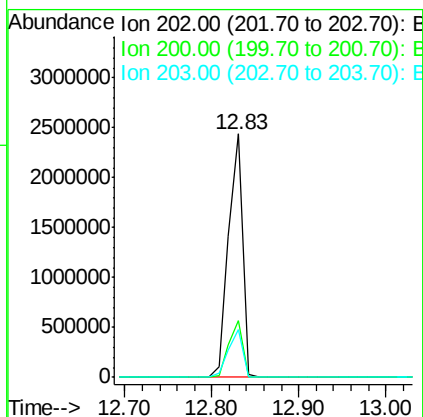
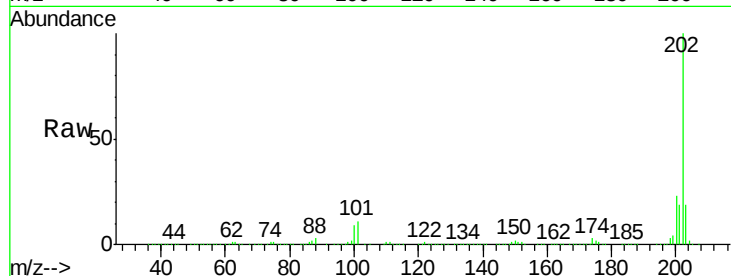
#77
Pvrene
Concen: 38.91 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.2	25.8
203	19.4	14.3	21.5

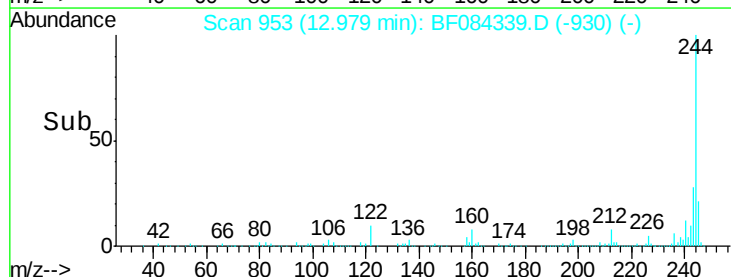
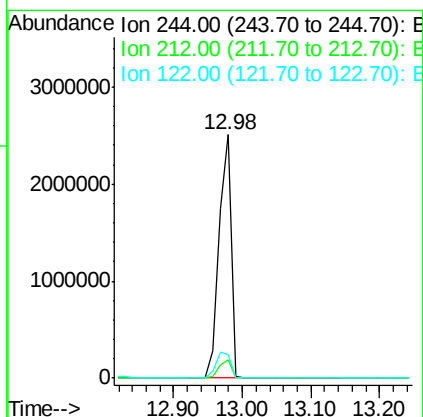
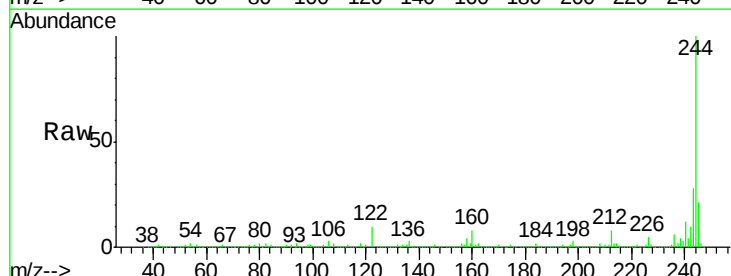
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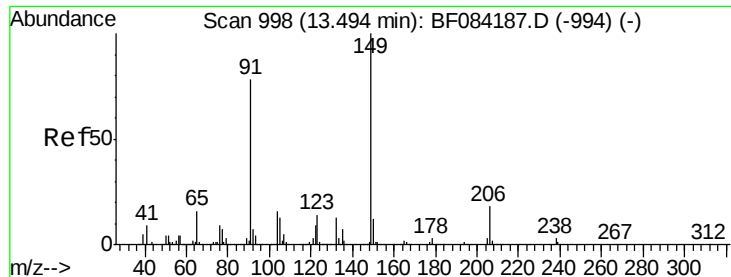
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#78
Terphenyl-d14
Concen: 77.90 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	9.6	7.4	11.0





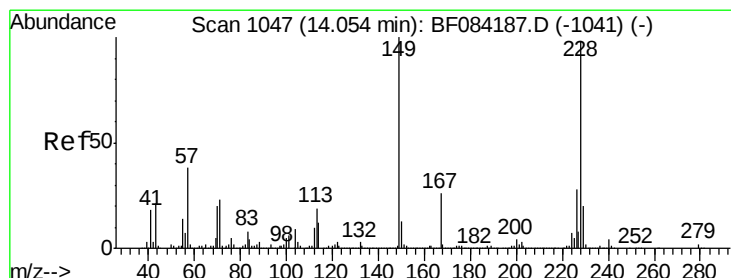
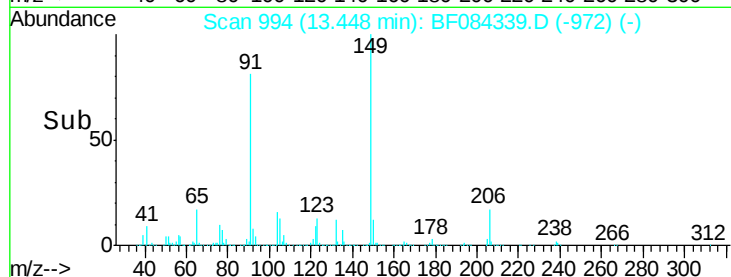
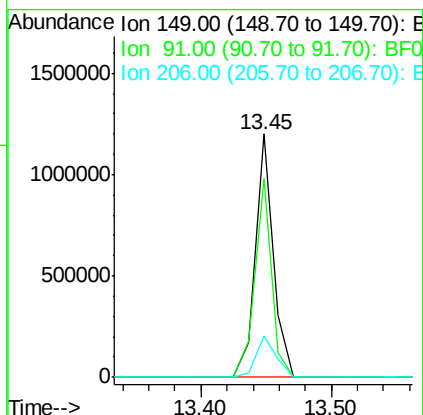
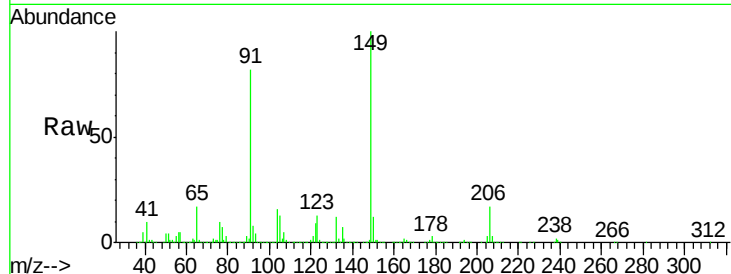
#79
Butylbenzylphthalate
Concen: 37.77 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.5	57.6	86.4
206	16.9	13.2	19.8

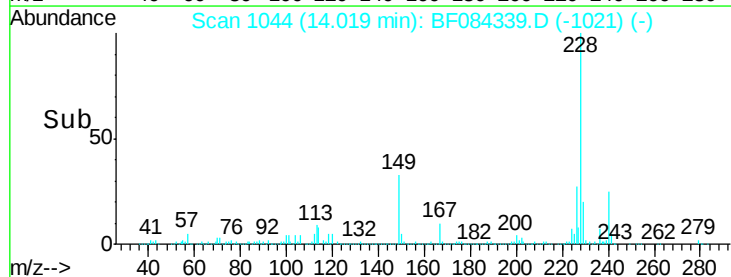
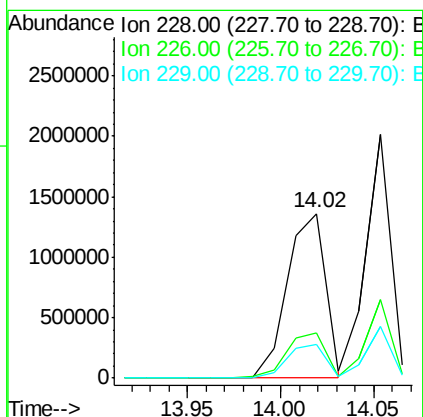
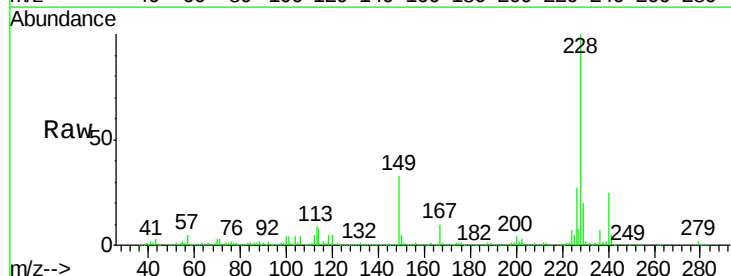
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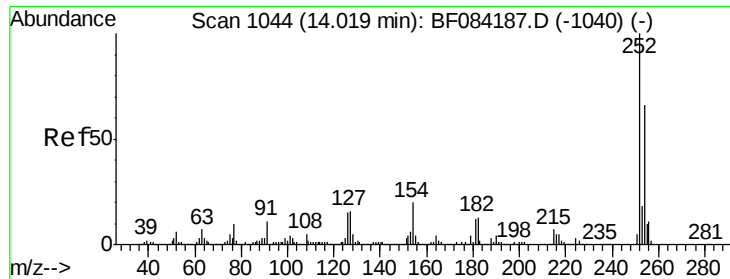
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#80
Benzo(a)anthracene
Concen: 37.06 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	20.4	15.8	23.8





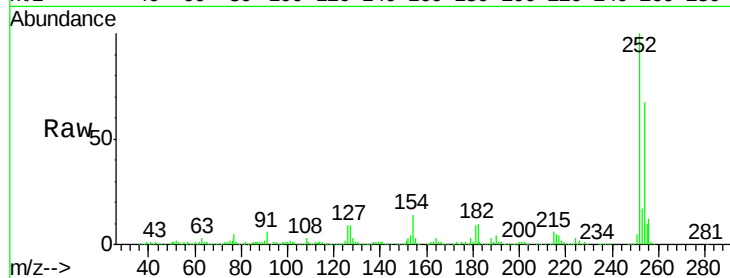
#81
 3,3'-Dichlorobenzidine
 Concen: 40.73 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

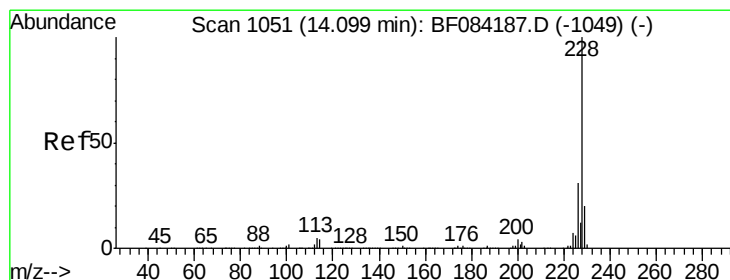
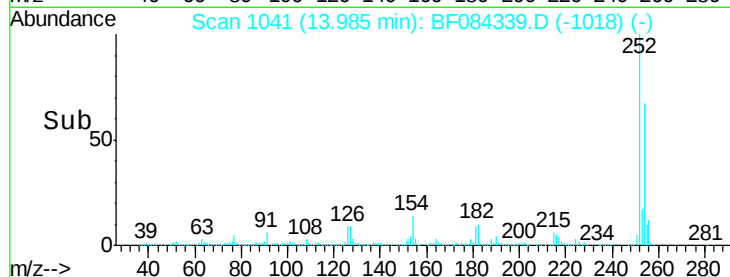
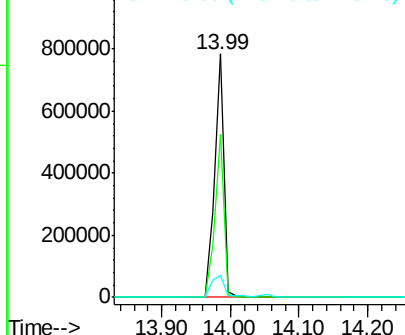
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.7	53.5	80.3
126	8.9	4.9	7.3

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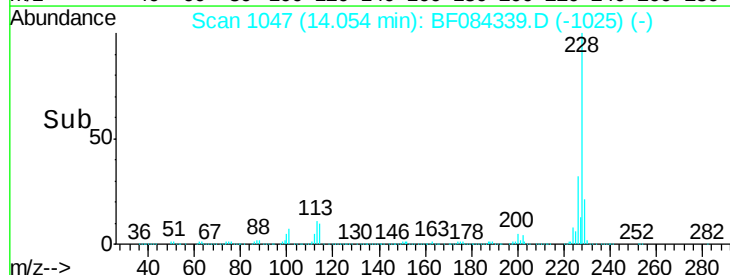
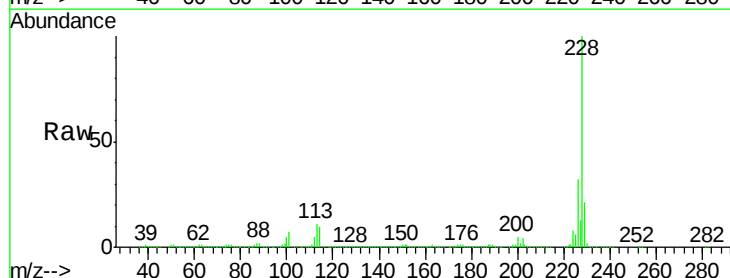
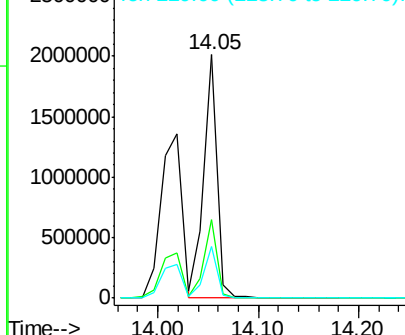
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

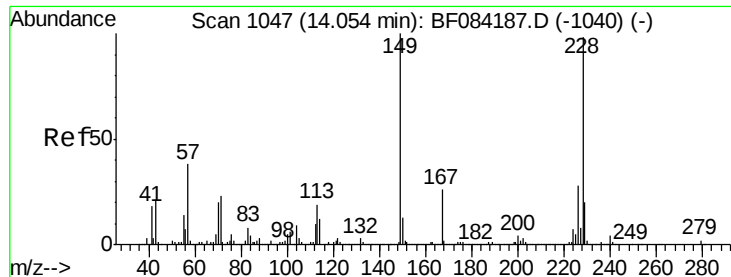


#82
 Chrysene
 Concen: 36.65 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.2	24.3	36.5
229	21.4	16.1	24.1

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





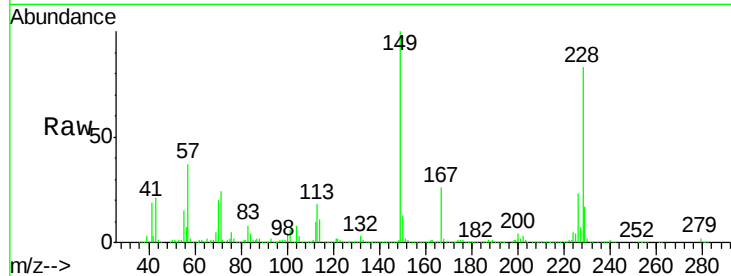
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.58 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

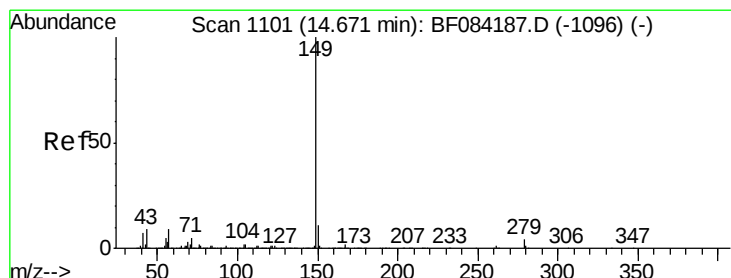
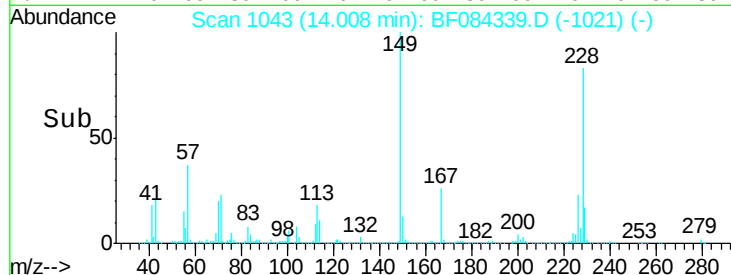
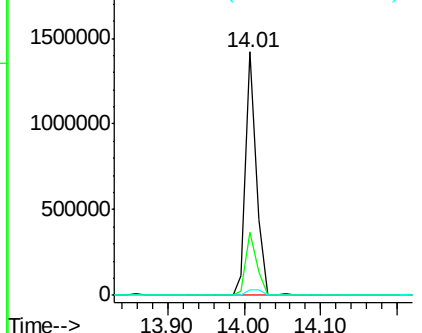
Tot Ion:149 Resp: 1374748
 Ion Ratio Lower Upper
 149 100
 167 25.8 19.7 29.5
 279 2.2 1.8 2.6

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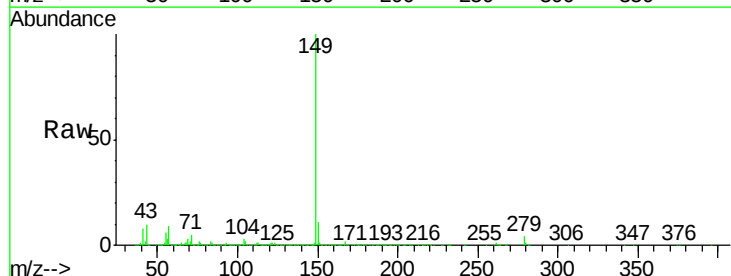


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

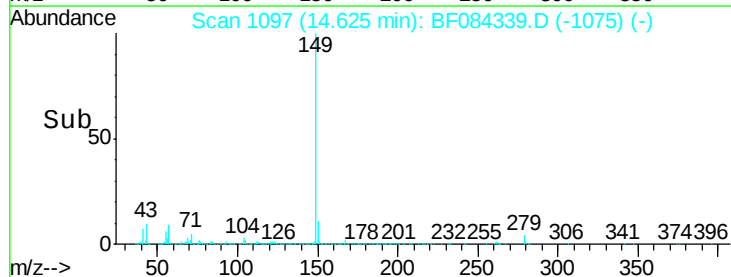
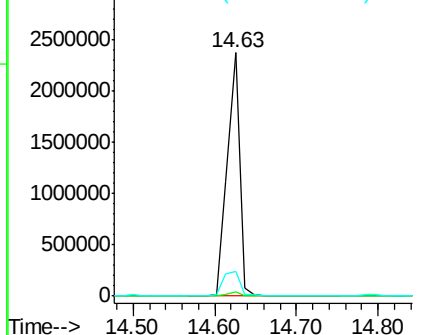


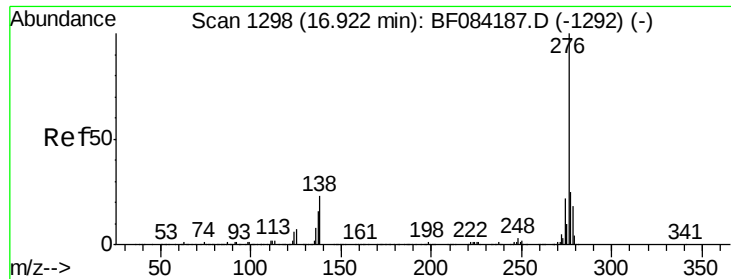
#84
 Di-n-octyl phthalate
 Concen: 38.03 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.05 min
 Lab File: BF084339.D
 Acq: 8 Jan 2016 20:29

Tgt Ion:149 Resp: 2480749
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.4 5.6 8.4#



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





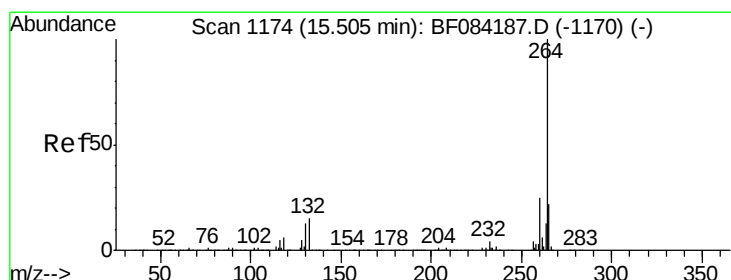
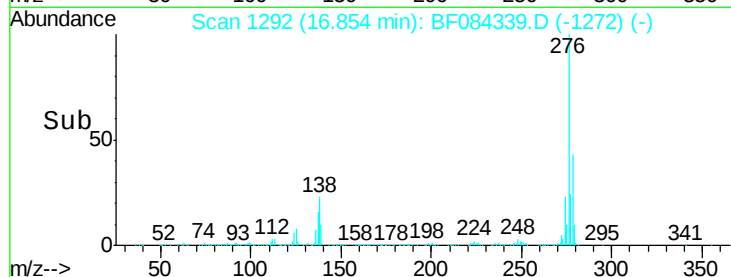
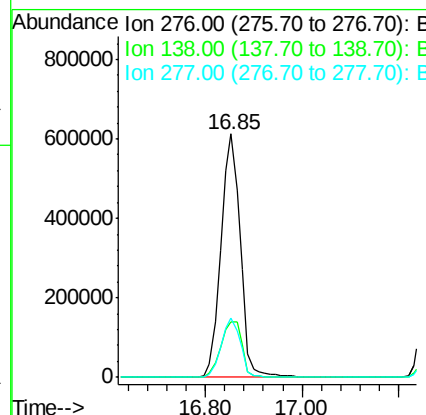
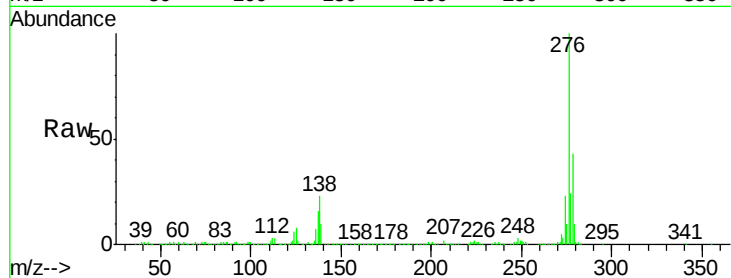
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.88 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.07 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.6	30.8
277	24.6	20.1	30.1

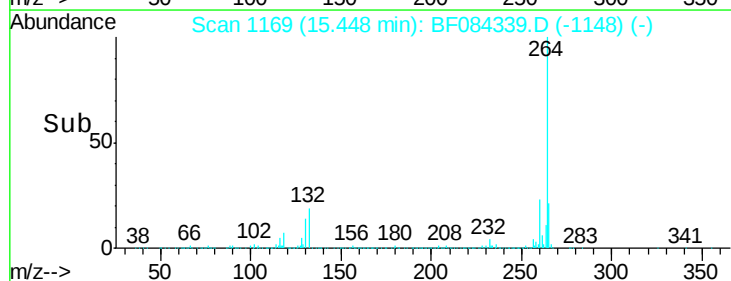
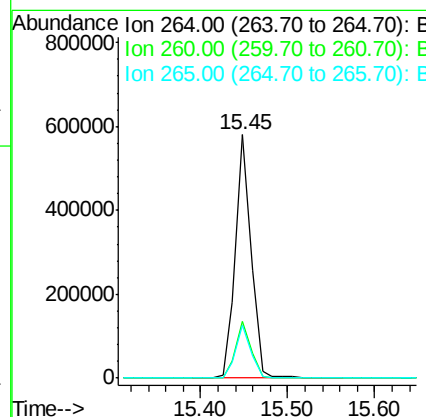
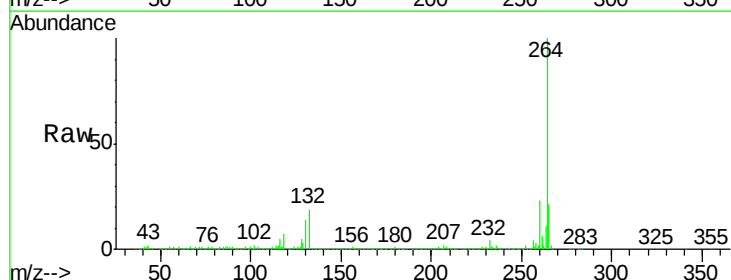
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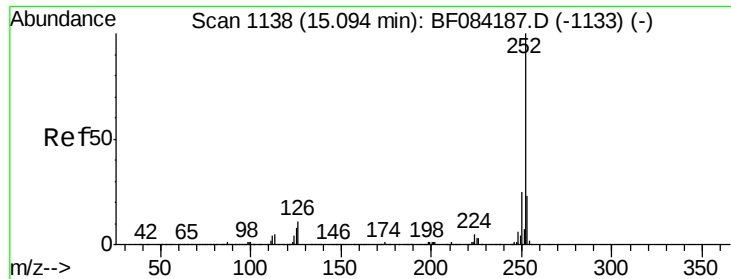
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 41.82 ng m

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1985449

Ion Ratio Lower Upper

252 100

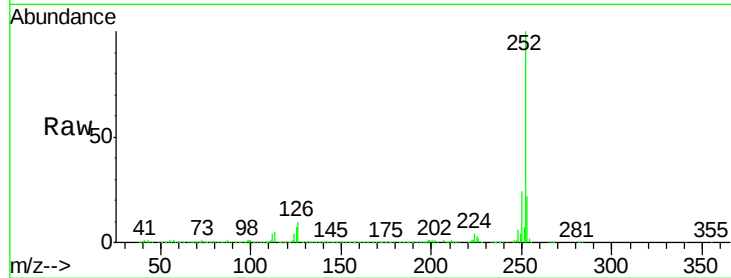
253 22.0 17.3 25.9

125 7.2 6.5 9.7

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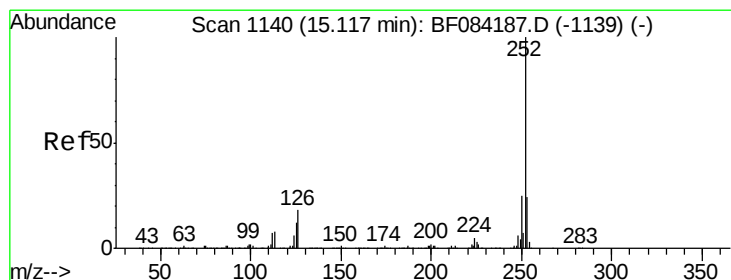
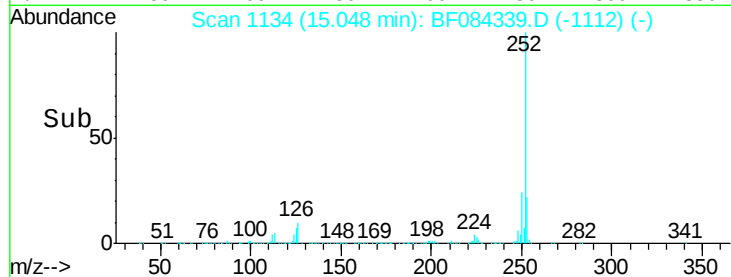
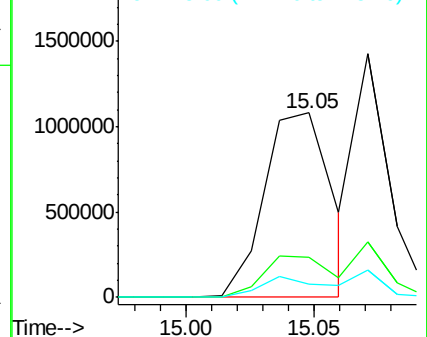
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.19 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Tgt Ion:252 Resp: 1327440

Ion Ratio Lower Upper

252 100

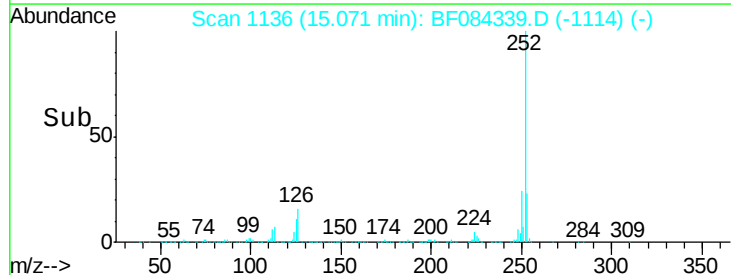
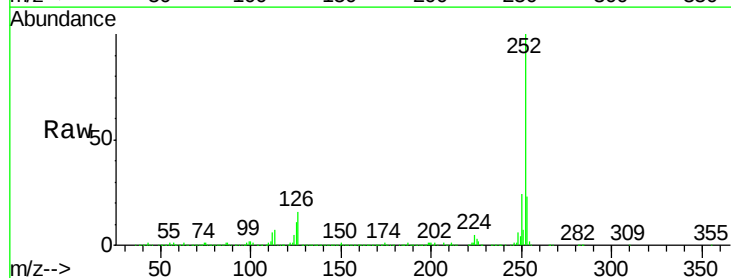
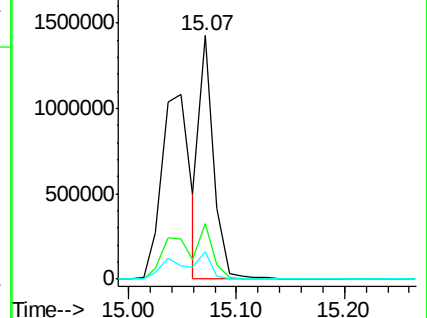
253 22.7 18.1 27.1

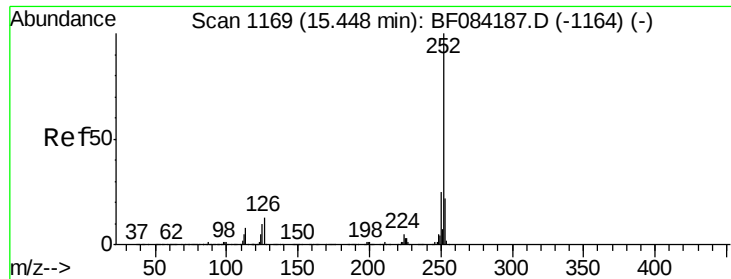
125 11.2 9.0 13.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





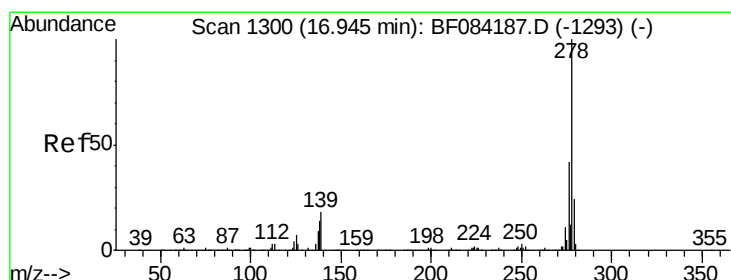
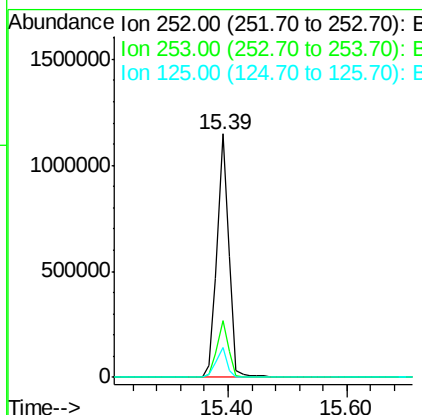
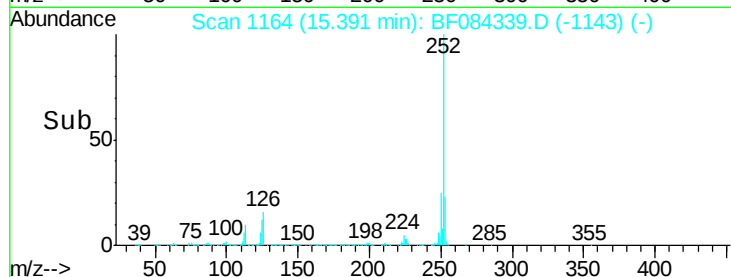
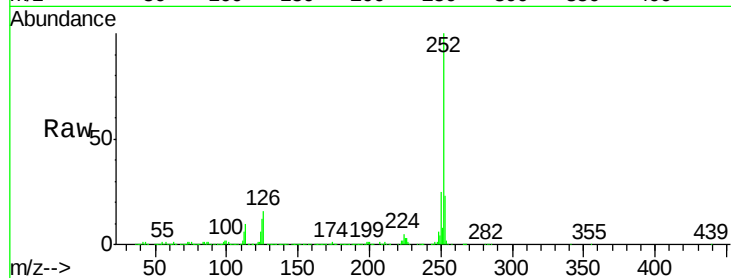
#89
Benzo(a)pyrene
Concen: 39.41 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	12.1	7.0	10.4

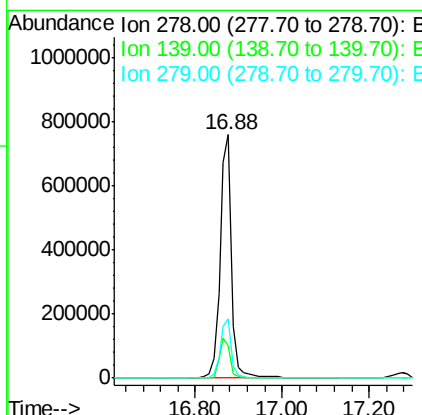
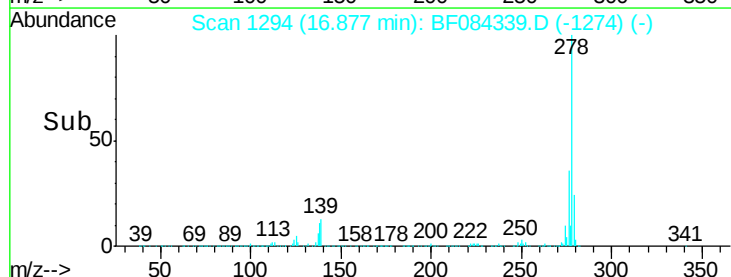
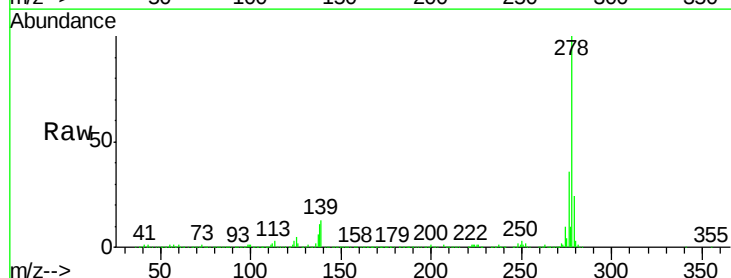
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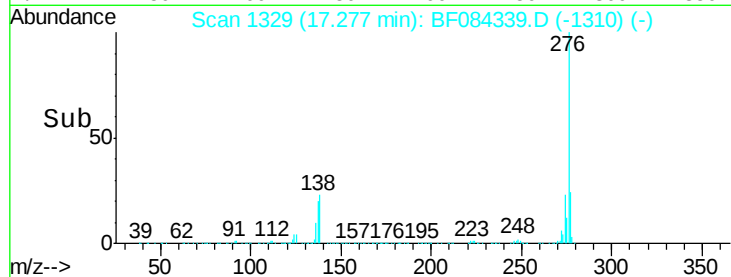
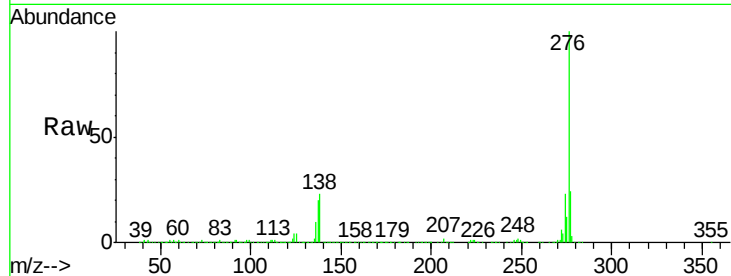
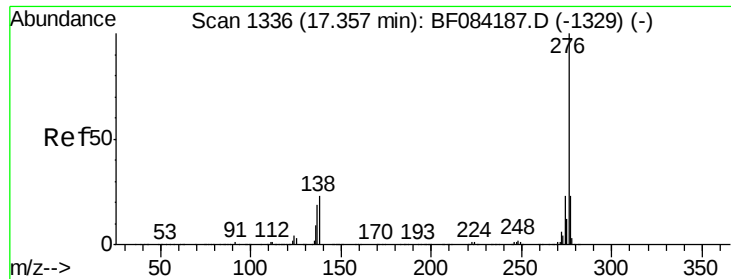
Sohil
1/10/2016 9:51:37 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.72 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084339.D
Acq: 8 Jan 2016 20:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	15.0	22.4
279	24.1	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 40.74 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.08 min

Lab File: BF084339.D

Acq: 8 Jan 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 1461751

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 23.2 17.8 26.6

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:37 AM

