

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084575.D
 Acq On : 20 Jan 2016 20:09
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 1/21/2016 12:20:07 PM

Quant Time: Jan 20 23:00:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	551716	20.00	ng	-0.05
21) Naphthalene-d8	8.08	136	2129064	20.00	ng	-0.05
38) Acenaphthene-d10	9.84	164	1019868	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	1891600	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	1282346	20.00	ng	-0.03
86) Perylene-d12	15.37	264	1144281	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	2775174	81.36	ng	-0.05
7) Phenol-d6	6.45	99	3257140	76.03	ng	-0.02
23) Nitrobenzene-d5	7.37	82	3051634	79.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	873332	84.82	ng	-0.03
44) 2-Fluorobiphenyl	9.16	172	3994846	67.61	ng	-0.03
78) Terphenyl-d14	12.91	244	4158533	72.39	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	635829	39.35	ng	# 77
3) Pyridine	3.02	79	1812163	40.22	ng	# 74
4) n-Nitrosodimethylamine	3.00	42	942192	40.74	ng	82
6) Aniline	6.46	93	1919219	30.62	ng	# 1
8) 2-Chlorophenol	6.58	128	1394949	36.05	ng	89
9) Benzaldehyde	6.33	77	555252	19.91	ng	96
10) Phenol	6.46	94	1846633	37.91	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	1407366	37.30	ng	84
12) 1,3-Dichlorobenzene	6.73	146	1585664	39.72	ng	# 95
13) 1,4-Dichlorobenzene	6.81	146	1658876	41.44	ng	95
14) 1,2-Dichlorobenzene	6.97	146	1282920m	33.46	ng	
15) Benzyl Alcohol	6.94	79	1227638	34.07	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2232017	32.48	ng	93
17) 2-Methylphenol	7.07	107	1265261	39.01	ng	# 84
18) Hexachloroethane	7.30	117	645645	40.33	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	1056739	36.44	ng	# 77
20) 3+4-Methylphenols	7.23	107	1512780	39.68	ng	89
22) Acetophenone	7.22	105	2214248	43.25	ng	95
24) Nitrobenzene	7.39	77	1772557	45.68	ng	96
25) Isophorone	7.63	82	3267615	44.66	ng	99
26) 2-Nitrophenol	7.70	139	926648	52.48	ng	# 89
27) 2,4-Dimethylphenol	7.74	122	1481341	41.44	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	1660595	37.16	ng	98
29) 2,4-Dichlorophenol	7.95	162	1320156	44.34	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	1269818	41.31	ng	97
31) Naphthalene	8.10	128	3390175	35.10	ng	95
32) Benzoic acid	7.94	122	1060355	46.36	ng	95
33) 4-Chloroaniline	8.16	127	1510987	34.12	ng	96
34) Hexachlorobutadiene	8.21	225	685531	38.80	ng	97
35) Caprolactam	8.59	113	355298	35.40	ng	# 55
36) 4-Chloro-3-methylphenol	8.66	107	1476670	44.28	ng	98
37) 2-Methylnaphthalene	8.78	142	2783921	40.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	1037116	35.37	ng	98
40) Hexachlorocyclopentadiene	8.94	237	718047	40.57	ng	97

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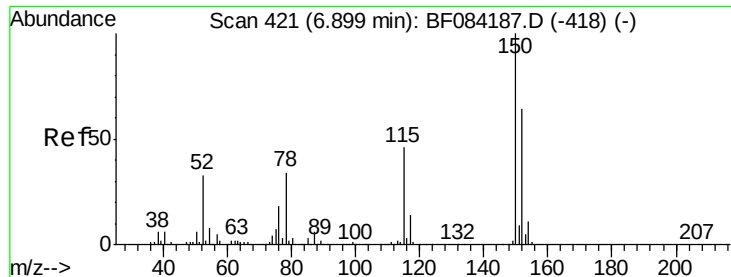
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Quant Time: Jan 20 23:00:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	915540	41.74	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	826665	39.31	nq	# 89
45) 1,1'-Biphenyl	9.26	154	3085962	38.07	nq	95
46) 2-Chloronaphthalene	9.29	162	2513674	39.48	nq	94
47) 2-Nitroaniline	9.39	65	904756	43.06	nq	94
48) Acenaphthylene	9.70	152	3223444	34.27	nq	# 93
49) Dimethylphthalate	9.58	163	3016920	41.38	nq	# 90
50) 2,6-Dinitrotoluene	9.64	165	702886	43.95	nq	# 66
51) Acenaphthene	9.87	154	2071910m	32.84	nq	
52) 3-Nitroaniline	9.81	138	781555	39.44	nq	91
53) 2,4-Dinitrophenol	9.92	184	450079	66.69	nq	# 88
54) Dibenzofuran	10.04	168	2906388	34.90	nq	# 89
55) 4-Nitrophenol	9.98	139	601728	41.84	nq	# 82
56) 2,4-Dinitrotoluene	10.04	165	789241	39.00	nq	# 63
57) Fluorene	10.38	166	2258640	35.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	644333	35.89	nq	95
59) Diethylphthalate	10.28	149	2914584	40.54	nq	95
60) 4-Chlorophenyl-phenylether	10.38	204	1216203	45.75	nq	93
61) 4-Nitroaniline	10.44	138	633403	35.86	nq	93
62) Azobenzene	10.54	77	3305236	41.92	nq	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	581327	51.07	nq	# 62
65) n-Nitrosodiphenylamine	10.51	169	2330005	38.53	nq	98
66) 4-Bromophenyl-phenylether	10.88	248	863474	42.41	nq	98
67) Hexachlorobenzene	10.93	284	816366	35.63	nq	# 85
68) Atrazine	11.05	200	689776	34.85	nq	93
69) Pentachlorophenol	11.13	266	523883	44.09	nq	98
70) Phenanthrene	11.34	178	3705599	37.45	nq	94
71) Anthracene	11.40	178	3342746	34.46	nq	94
72) Carbazole	11.56	167	3489402	36.80	nq	96
73) Di-n-butylphthalate	11.89	149	4044962	38.67	nq	# 93
74) Fluoranthene	12.53	202	3467061	33.54	nq	96
77) Pyrene	12.76	202	3500438	34.79	nq	94
79) Butylbenzylphthalate	13.39	149	1917784	44.04	nq	# 96
80) Benzo(a)anthracene	13.95	228	2863808	38.03	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	923550	35.14	nq	99
82) Chrysene	14.00	228	2845337	39.32	nq	95
83) Bis(2-ethylhexyl)phthalate	13.95	149	2037972	37.04	nq	# 95
84) Di-n-octyl phthalate	14.57	149	3696204	39.80	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.75	276	2903300	50.62	nq	100
87) Benzo(b)fluoranthene	14.98	252	3149237m	42.07	nq	
88) Benzo(k)fluoranthene	15.00	252	1883318m	30.76	nq	
89) Benzo(a)pyrene	15.32	252	2496043	39.31	nq	97
90) Dibenzo(a,h)anthracene	16.77	278	2281419	41.76	nq	96
91) Benzo(g,h,i)perylene	17.17	276	2493598	44.07	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.05 min

Lab File: BF084575.D

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Instrument :

BNA_F

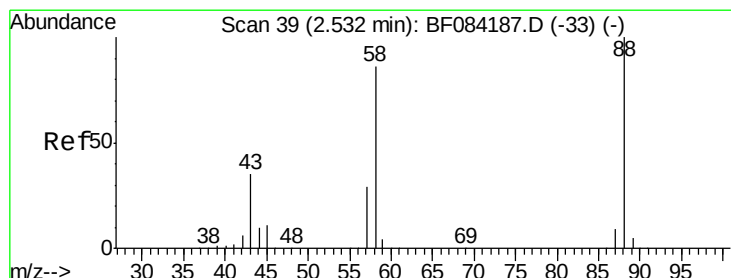
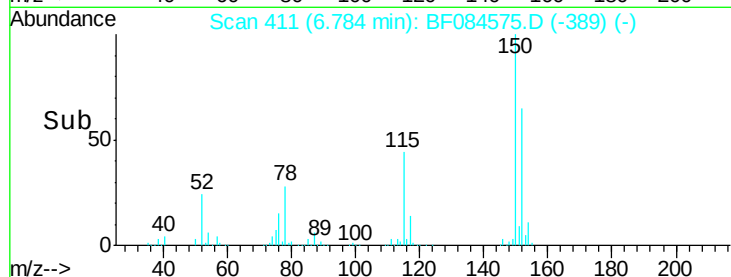
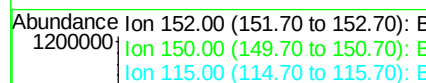
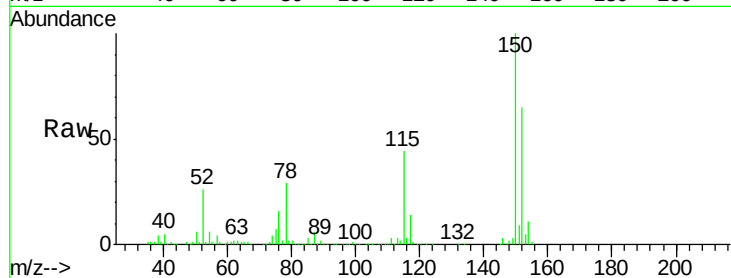
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	551716
Ion Ratio	Lower	Upper	
152	100		
150	154.5	123.0	184.4
115	68.3	51.4	77.2

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#2

1,4-Dioxane

Concen: 39.35 ng

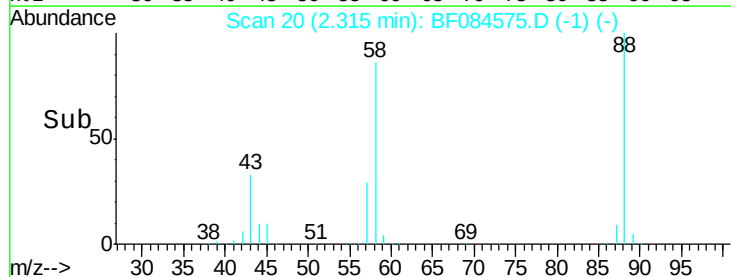
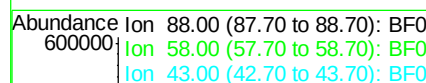
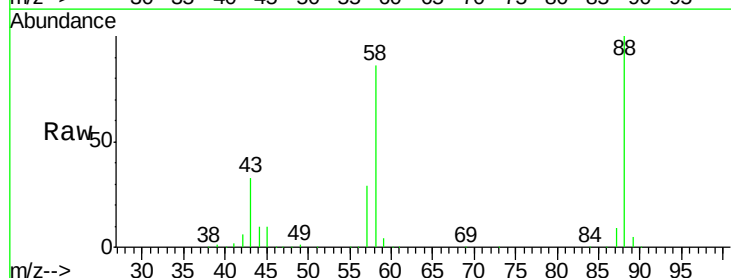
RT: 2.32 min Scan# 20

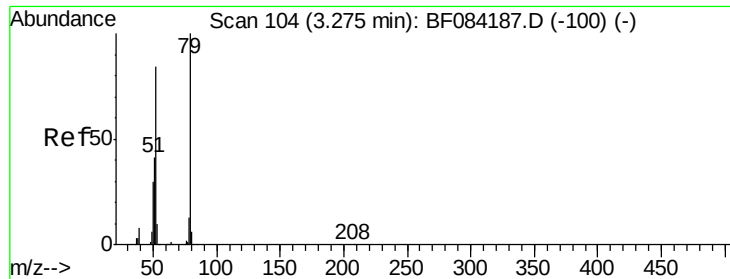
Delta R.T. -0.08 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tgt Ion:	88	Resp:	635829
Ion Ratio	Lower	Upper	
88	100		
58	84.5	51.2	76.8#
43	31.8	19.5	29.3#





#3

Pvridine

Concen: 40.22 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.10 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

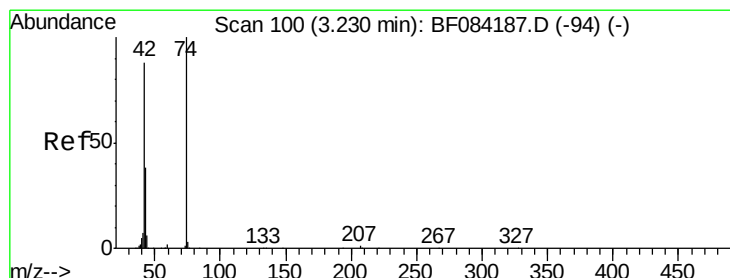
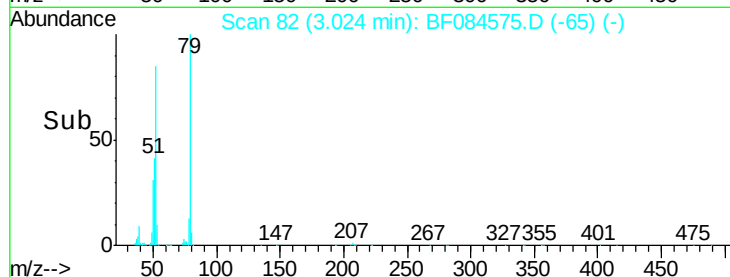
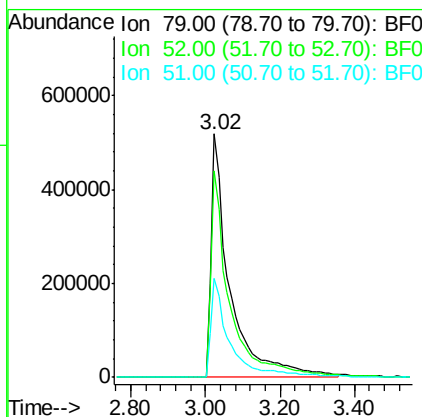
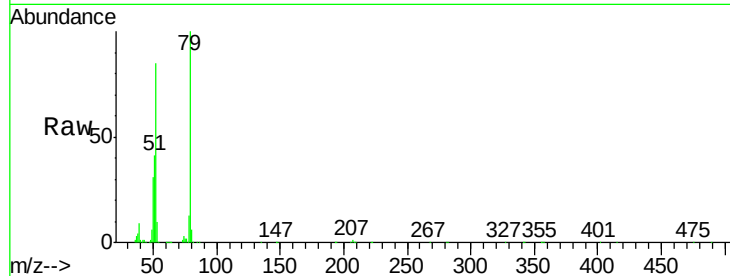
SSTDCCC040EC

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Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	85.0	49.0	73.4#	
51	40.8	25.2	37.8#	



#4

n-Nitrosodimethylamine

Concen: 40.74 ng

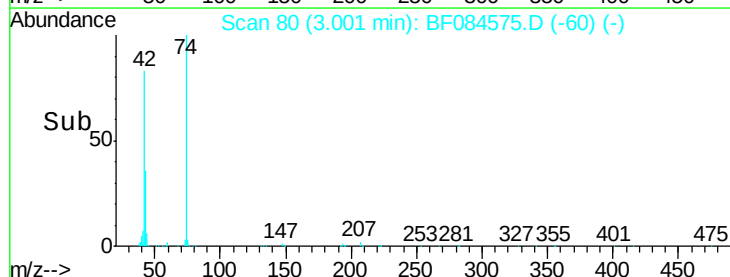
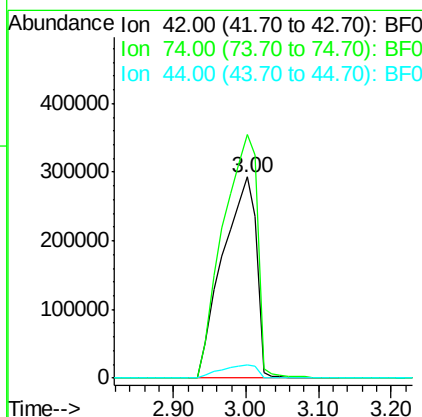
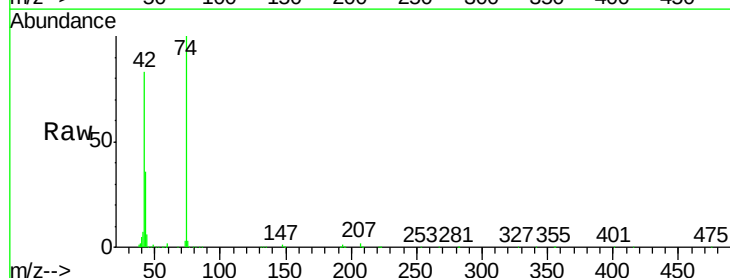
RT: 3.00 min Scan# 80

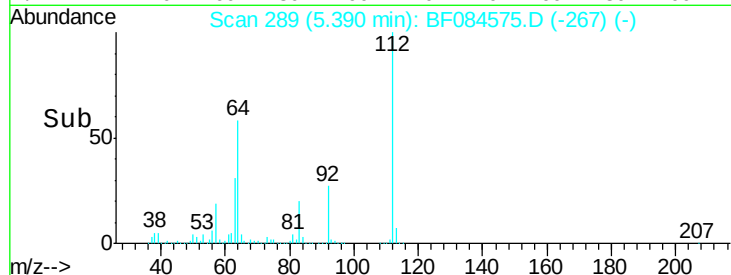
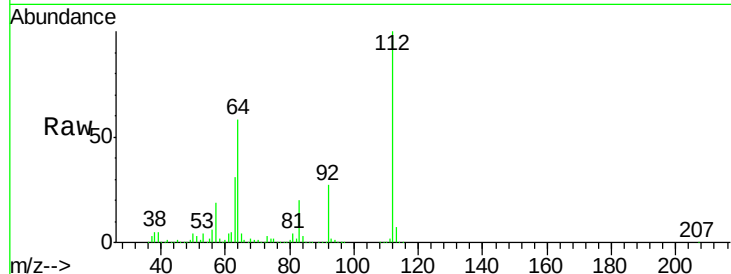
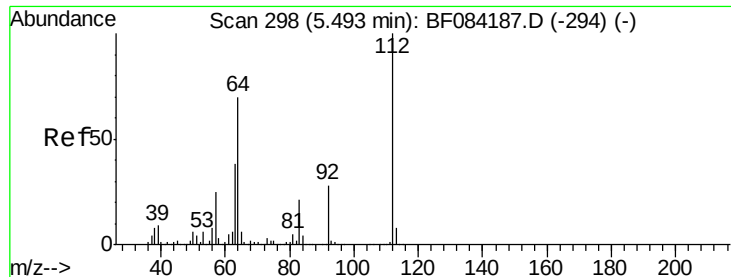
Delta R.T. -0.07 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	120.9	115.7	173.5	
44	6.7	5.1	7.7	





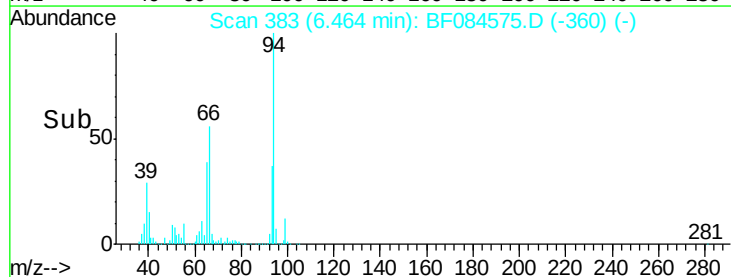
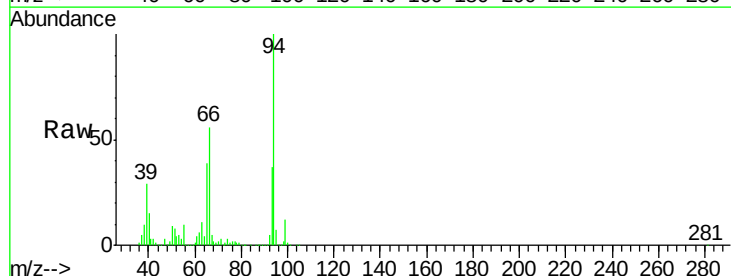
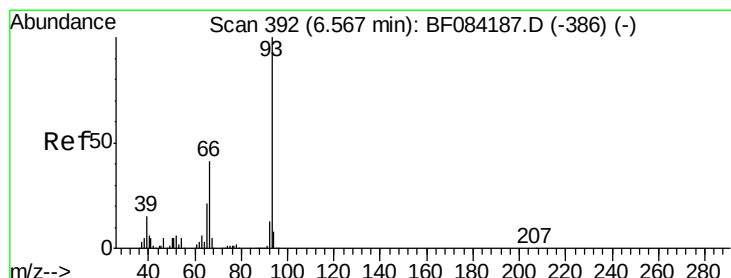
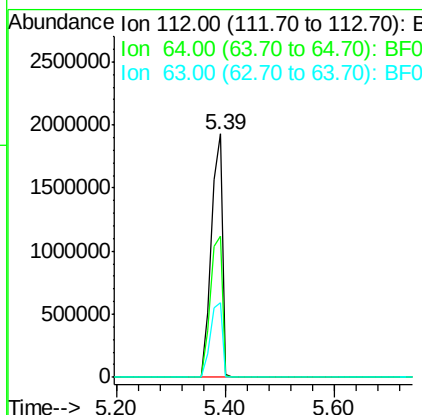
#5
2-Fluorophenol
Concen: 81.36 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:112 Resp: 2775174
Ion Ratio Lower Upper
112 100
64 57.8 36.6 55.0#
63 30.7 19.4 29.0#

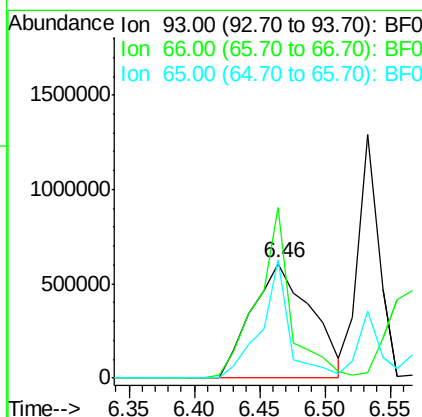
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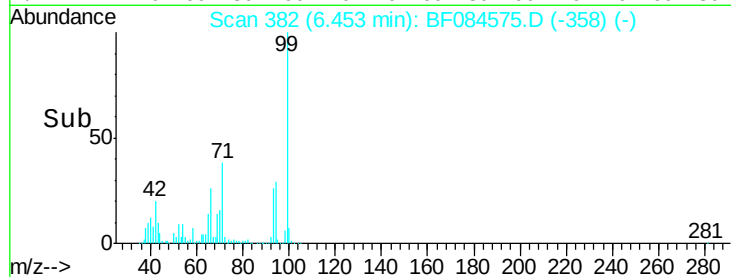
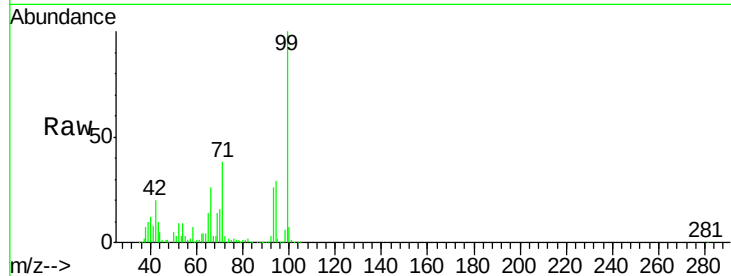
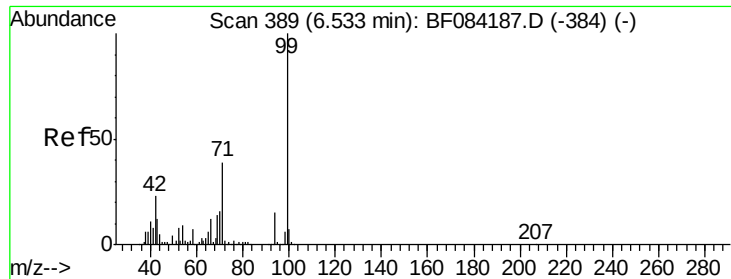
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#6
Aniline
Concen: 30.62 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion: 93 Resp: 1919219
Ion Ratio Lower Upper
93 100
66 149.7 44.9 67.3#
65 103.4 23.7 35.5#





#7

Phenol-d6

Concen: 76.03 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tot Ion: 99 Resp: 3257140

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

71 37.7 30.9 46.3

Instrument :

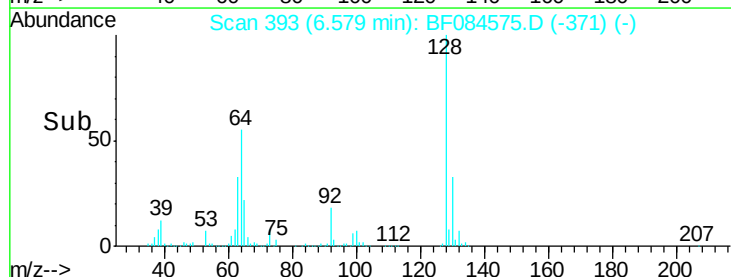
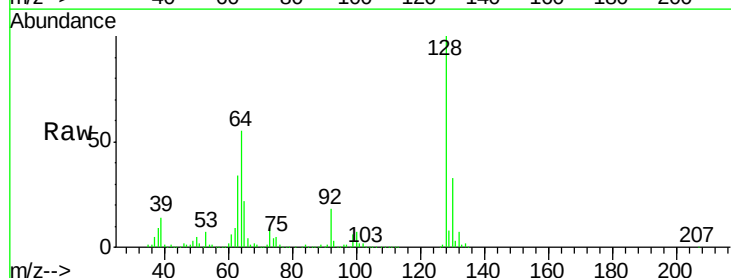
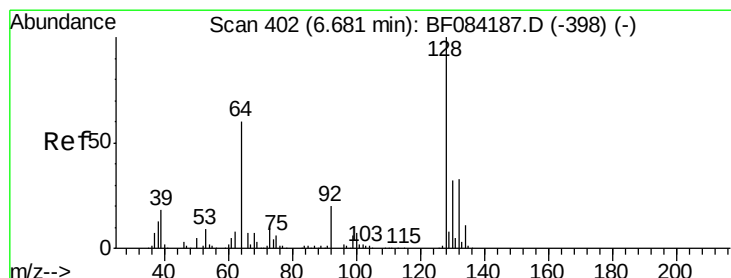
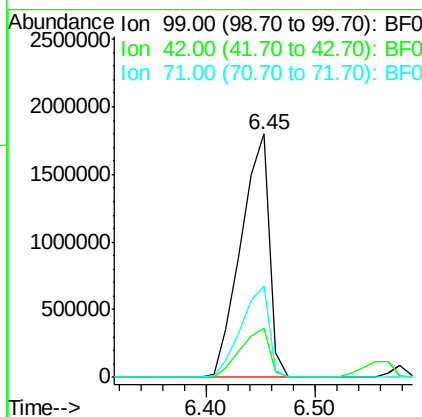
BNA_F

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#8

2-Chlorophenol

Concen: 36.05 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

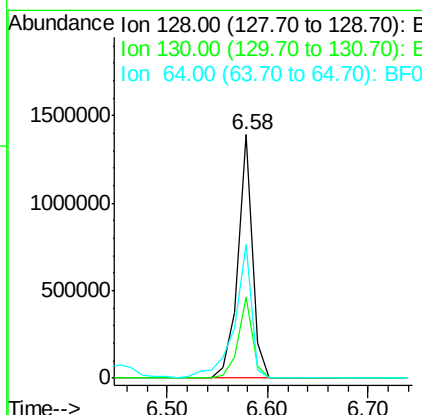
Tgt Ion: 128 Resp: 1394949

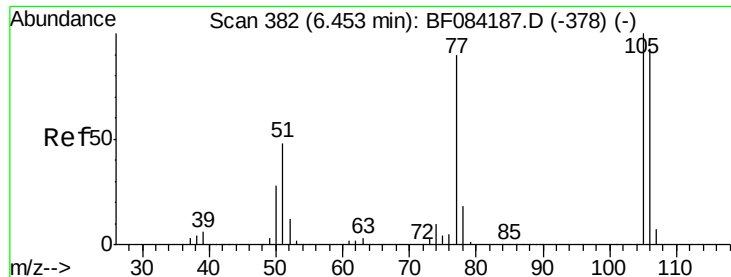
Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

64 54.6 23.8 63.8





#9

Benzaldehyde

Concen: 19.91 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.06 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

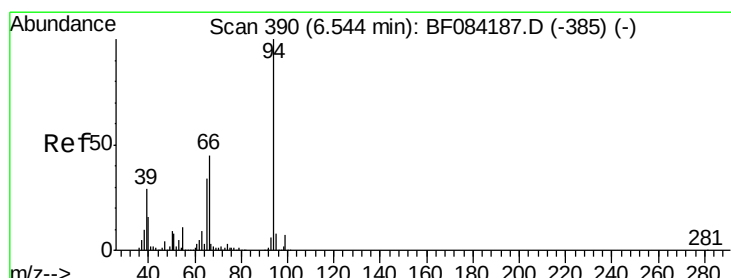
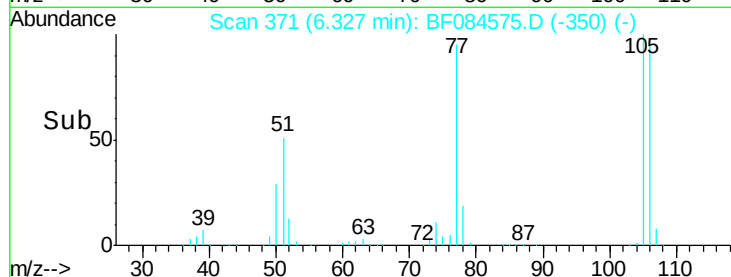
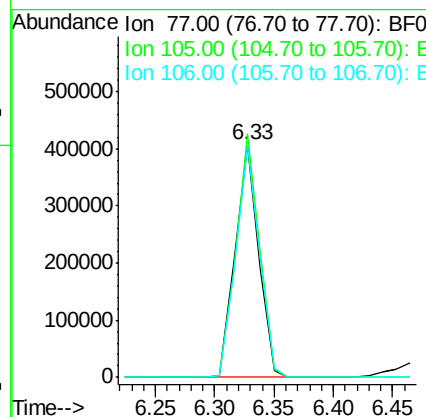
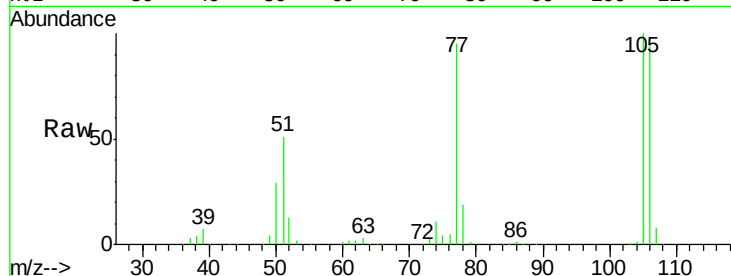
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	555252
Ion	Ratio	Lower	Upper
77	100		
105	104.9	83.0	123.0
106	99.9	74.6	114.6

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#10

Phenol

Concen: 37.91 ng

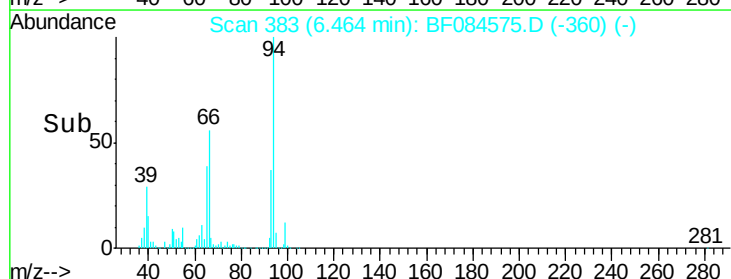
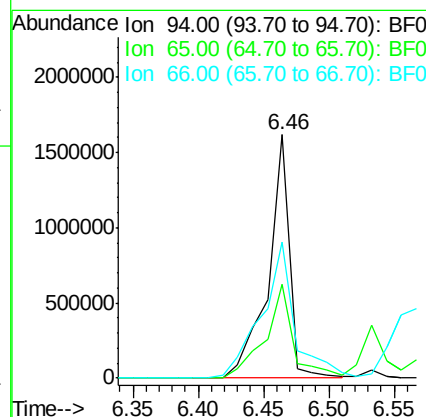
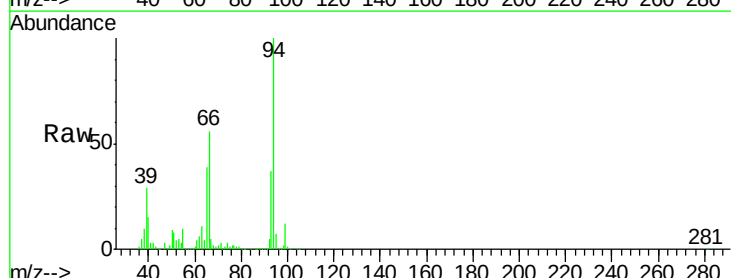
RT: 6.46 min Scan# 383

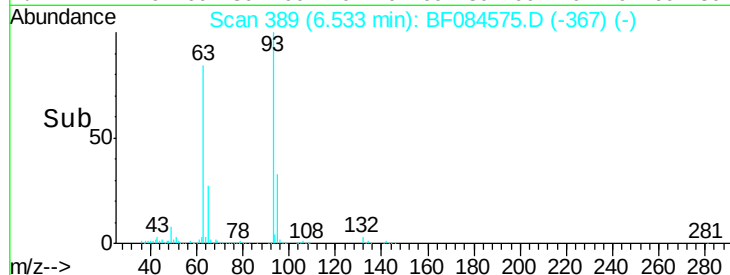
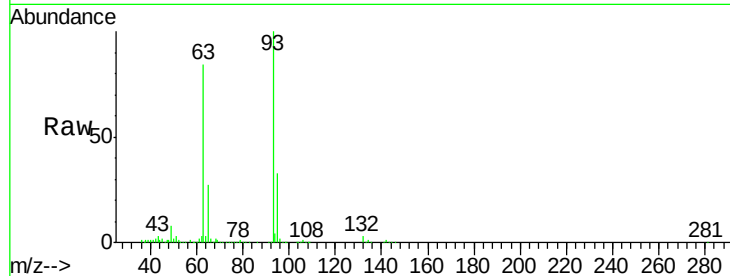
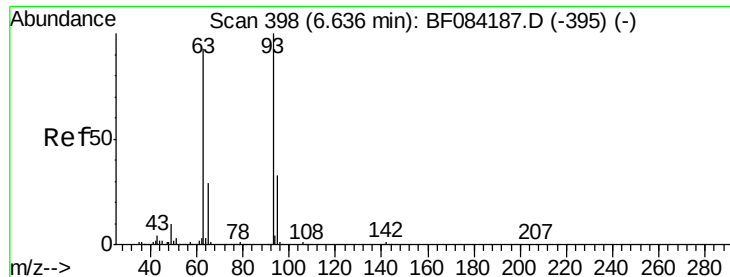
Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tgt Ion:	94	Resp:	1846633
Ion	Ratio	Lower	Upper
94	100		
65	38.7	12.9	52.9
66	56.1	32.7	72.7





#11
bis(2-Chloroethyl)ether
Concen: 37.30 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

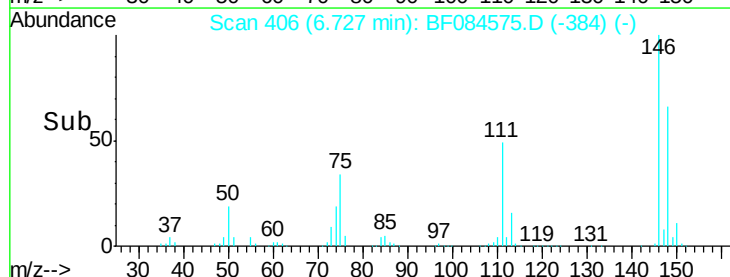
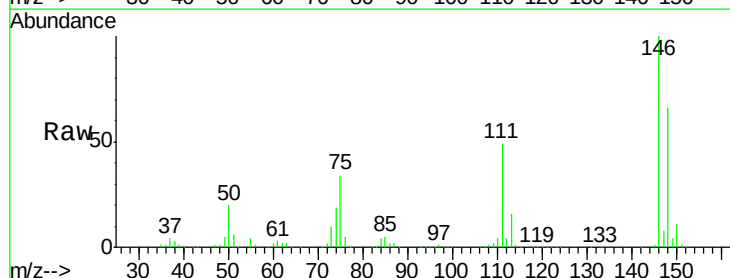
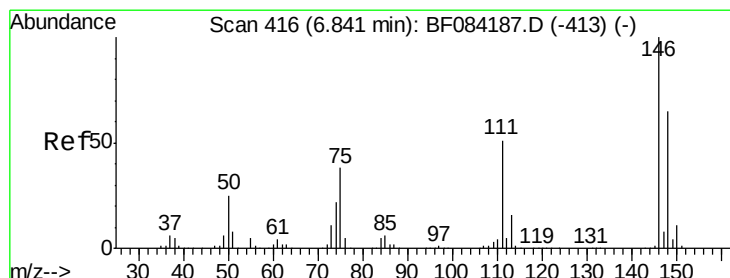
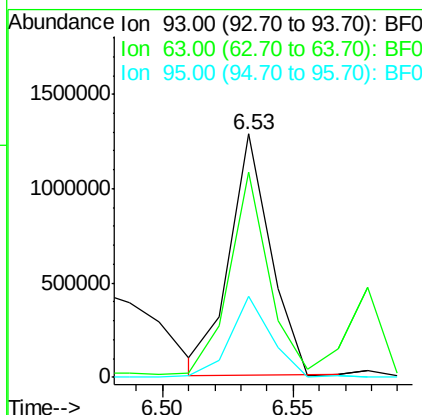
Tot Ion: 93 Resp: 1407366

Ion	Ratio	Lower	Upper
93	100		
63	84.1	45.9	85.9
95	33.1	12.3	52.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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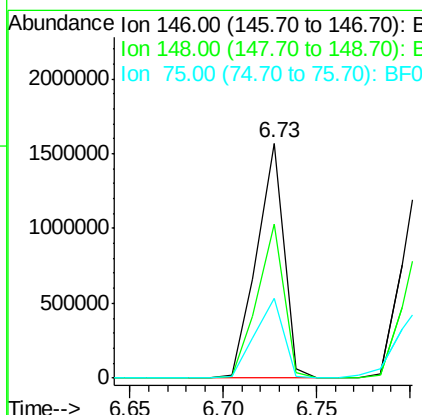
mohammad
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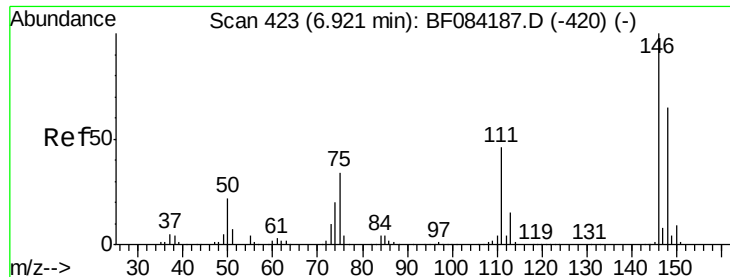


#12
1,3-Dichlorobenzene
Concen: 39.72 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion: 146 Resp: 1585664

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
75	34.0	20.5	30.7#





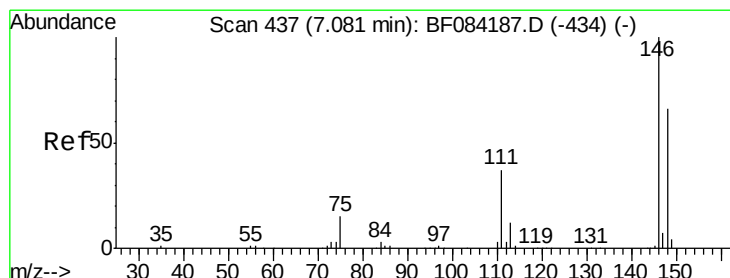
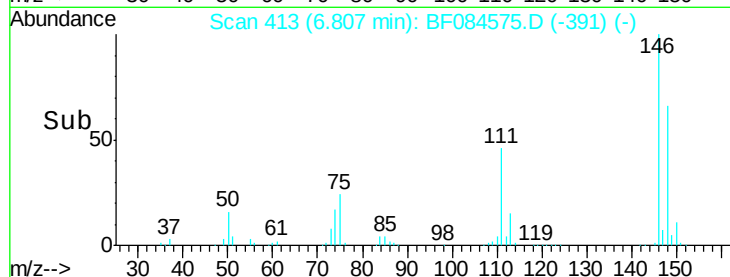
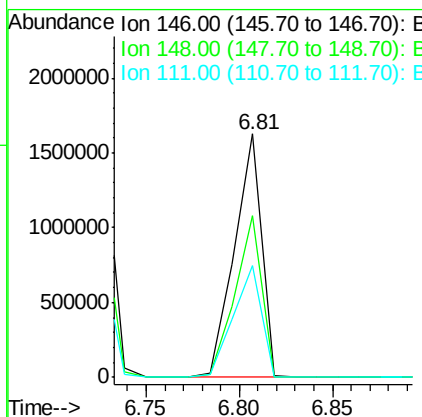
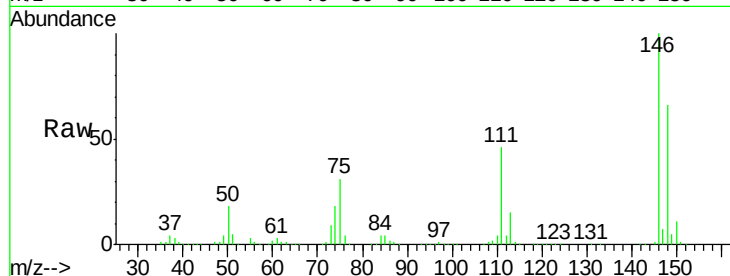
#13
 1,4-Dichlorobenzene
 Concen: 41.44 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 1658876
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.9 77.9
 111 45.8 41.6 62.4

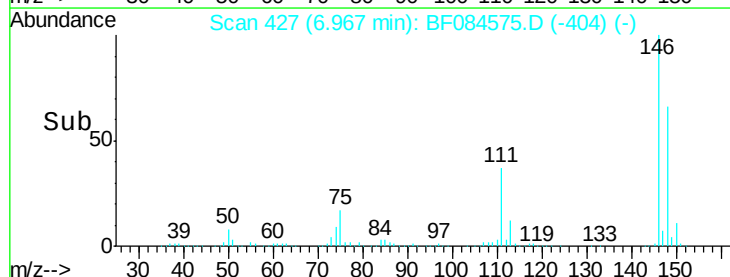
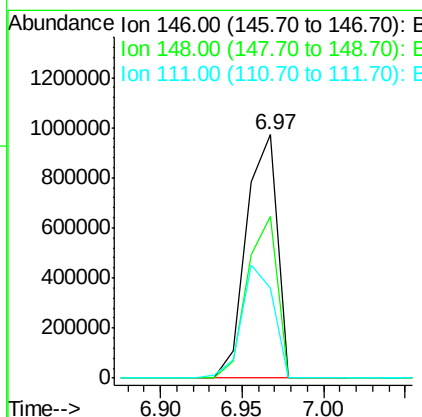
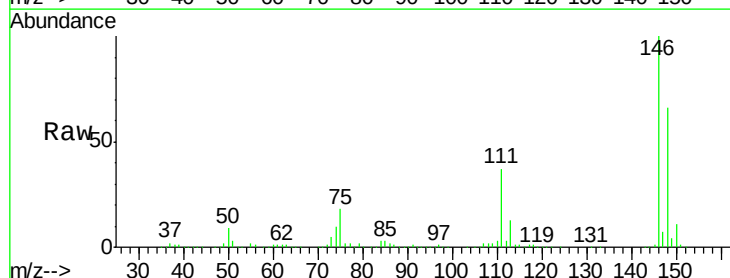
Manual Integrations
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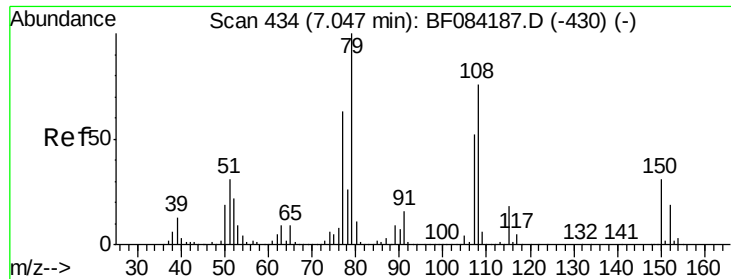
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 33.46 ng m
 RT: 6.97 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Tgt Ion:146 Resp: 1282920
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.6 77.4
 111 37.1 38.0 57.0#





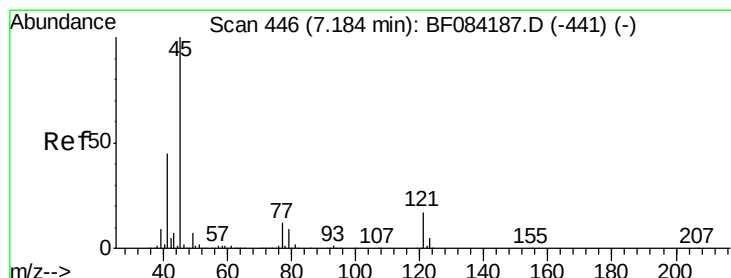
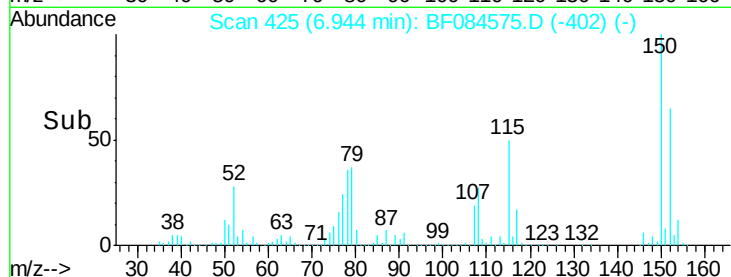
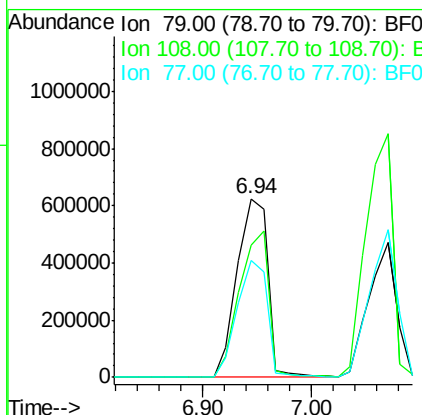
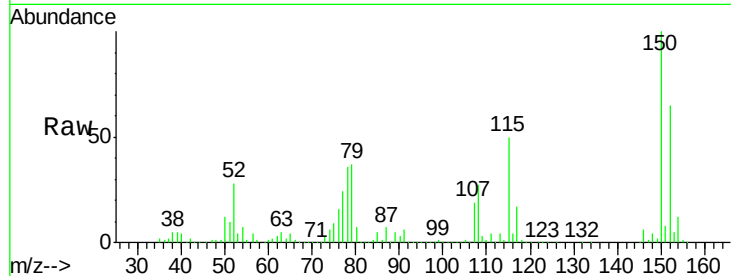
#15
Benzyl Alcohol
Concen: 34.07 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 79 Resp: 1227638
Ion Ratio Lower Upper
79 100
108 74.2 69.0 103.4
77 65.2 50.0 75.0

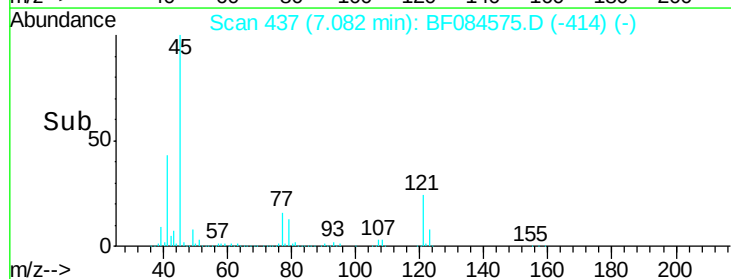
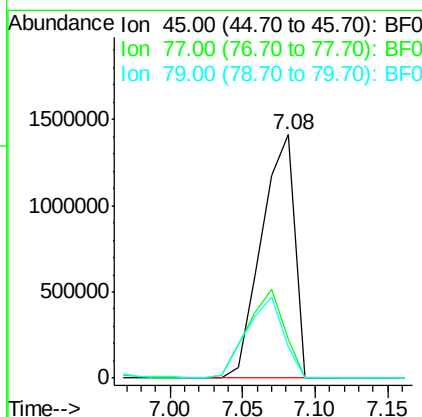
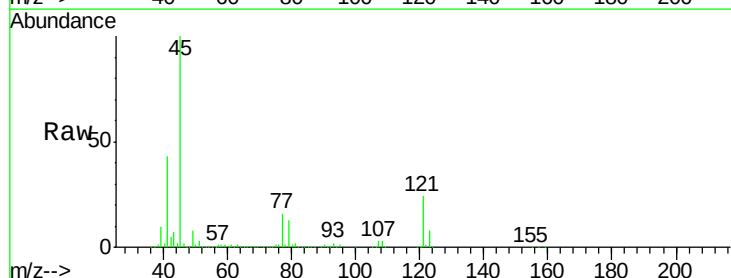
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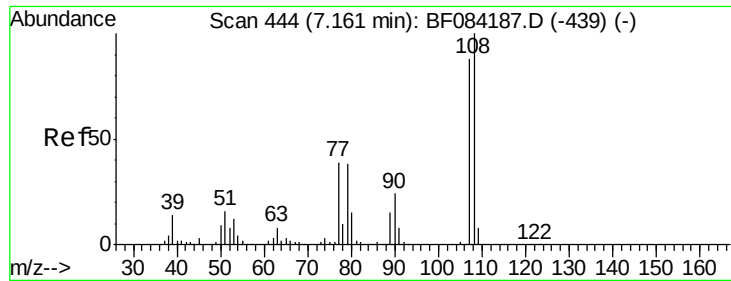
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.48 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion: 45 Resp: 2232017
Ion Ratio Lower Upper
45 100
77 15.8 0.0 39.6
79 12.6 0.0 35.0





#17

2-Methylphenol

Concen: 39.01 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 1265261

Ion Ratio Lower Upper

107 100

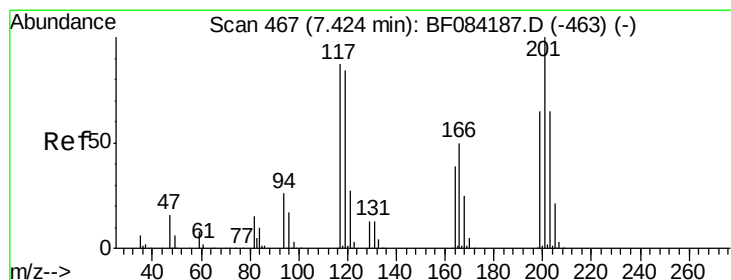
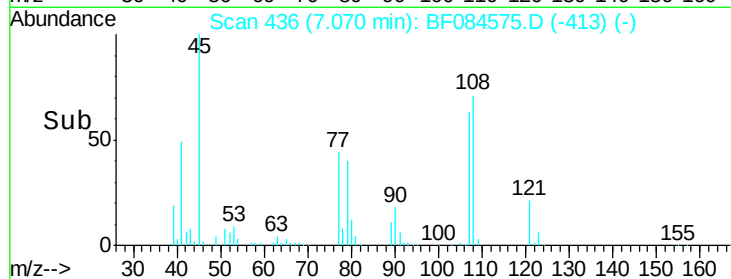
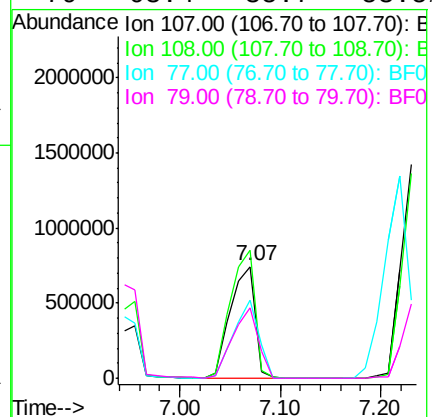
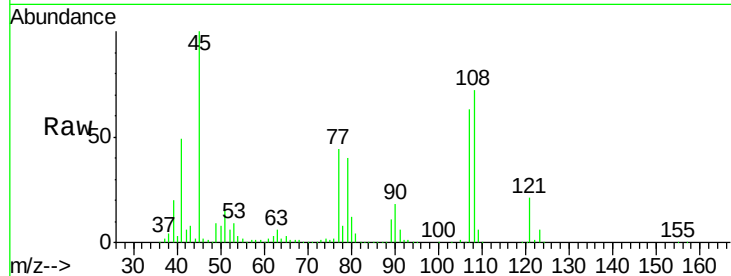
108 114.8 89.8 134.6

77 69.7 35.7 53.5#

79 63.4 35.7 53.5#

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#18

Hexachloroethane

Concen: 40.33 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

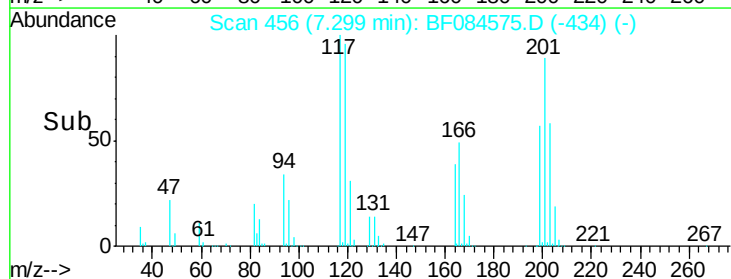
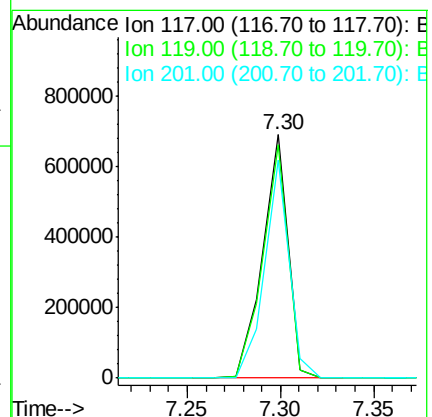
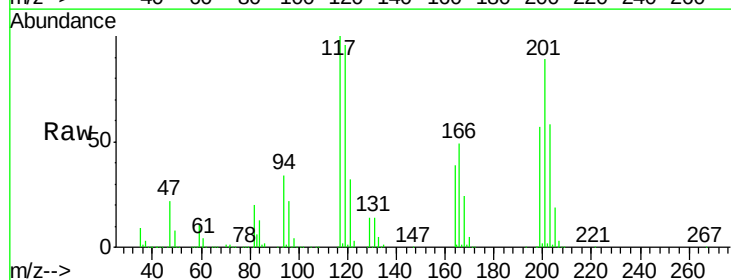
Tgt Ion:117 Resp: 645645

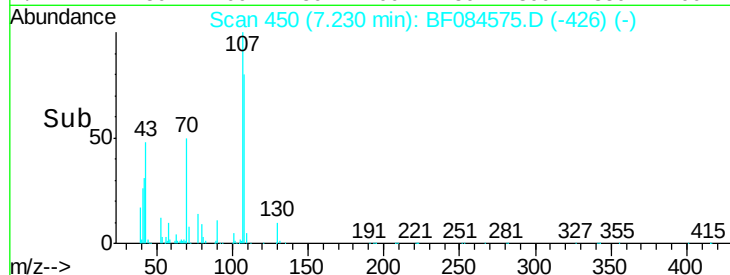
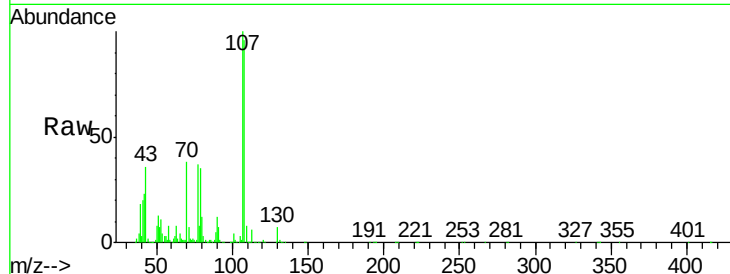
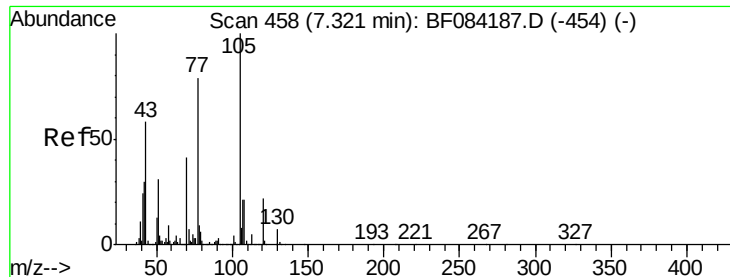
Ion Ratio Lower Upper

117 100

119 96.0 77.4 116.0

201 89.4 68.6 103.0





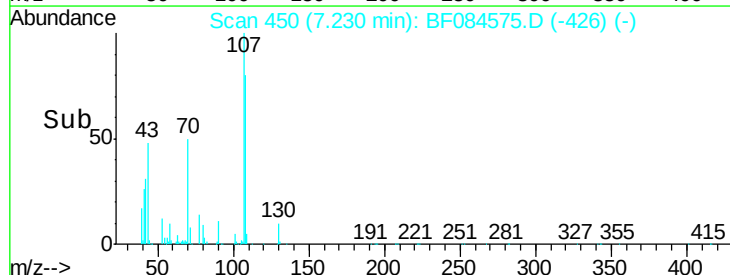
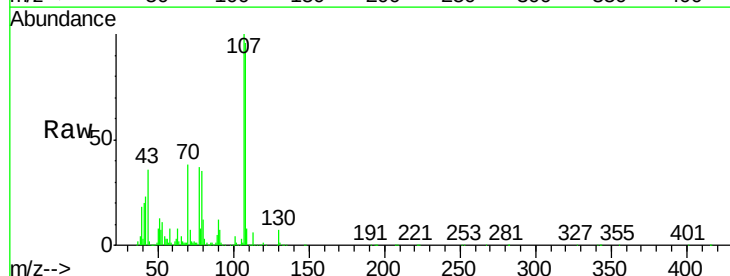
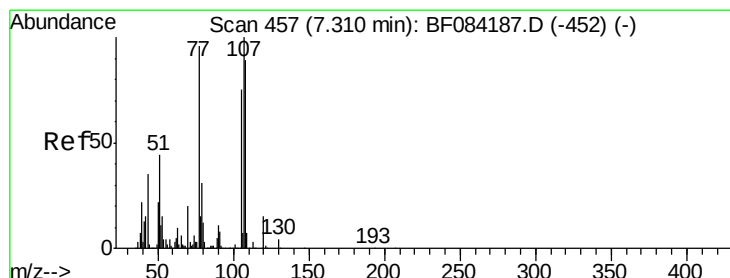
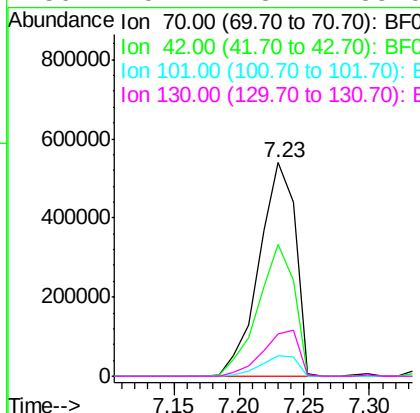
#19
n-Nitroso-di-n-propylamine
Concen: 36.44 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.7	33.3	49.9#
101	9.7	9.3	13.9
130	19.7	23.4	35.0#

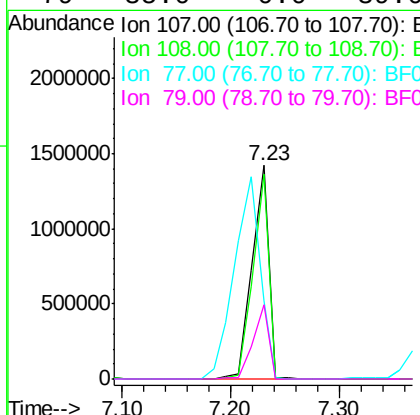
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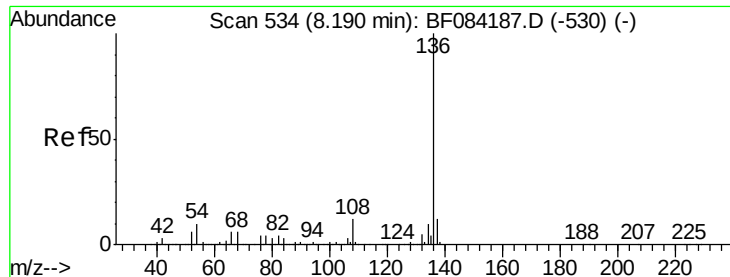
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#20
3+4-Methylphenols
Concen: 39.68 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.9	74.6	114.6
77	36.7	0.7	40.7
79	35.0	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.05 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 2129064

Ion Ratio Lower Upper

136 100

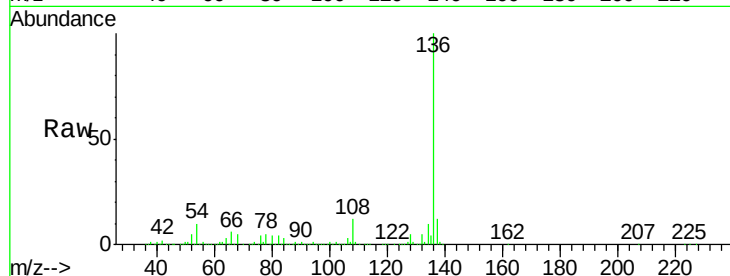
137 12.0 8.7 13.1

54 9.6 5.8 8.8#

68 5.4 4.2 6.2

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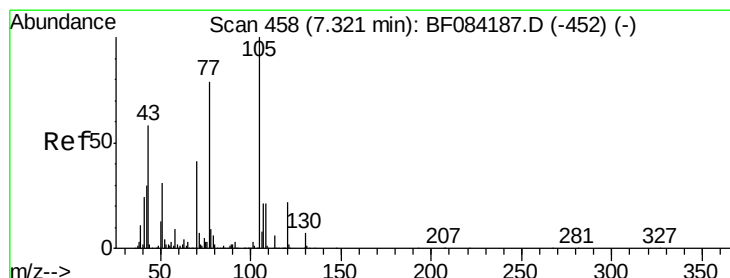
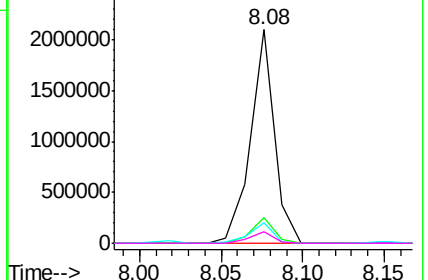
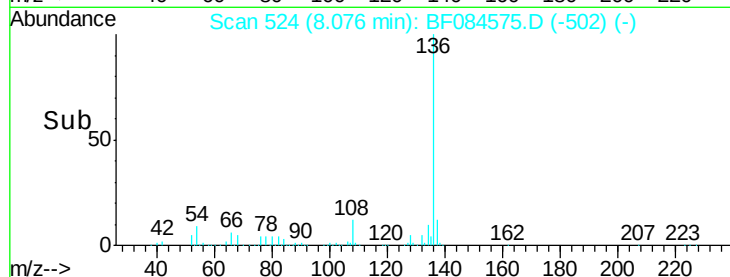


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.25 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tgt Ion:105 Resp: 2214248

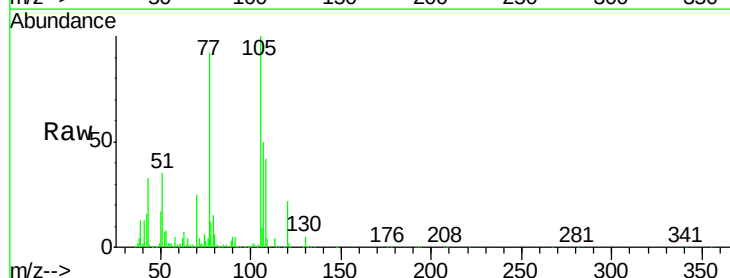
Ion Ratio Lower Upper

105 100

71 4.2 3.7 5.5

51 35.4 25.1 37.7

120 22.0 16.6 25.0

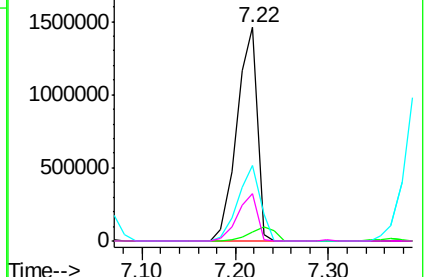
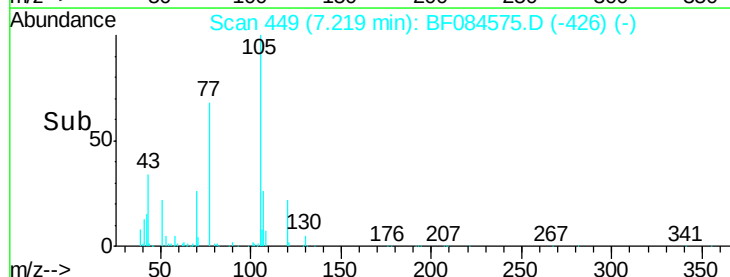


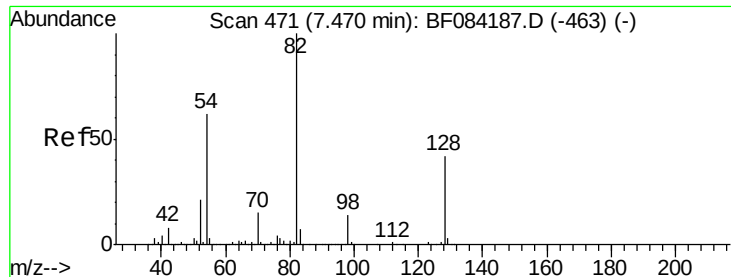
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.77 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 3051634

Ion Ratio Lower Upper

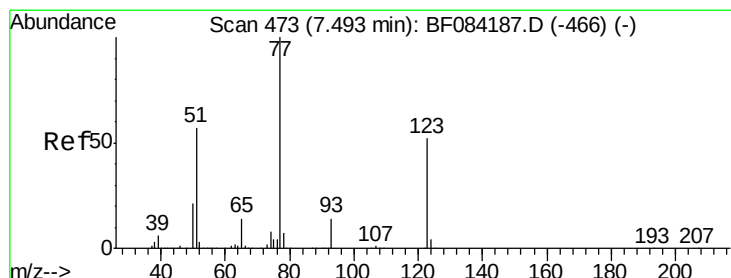
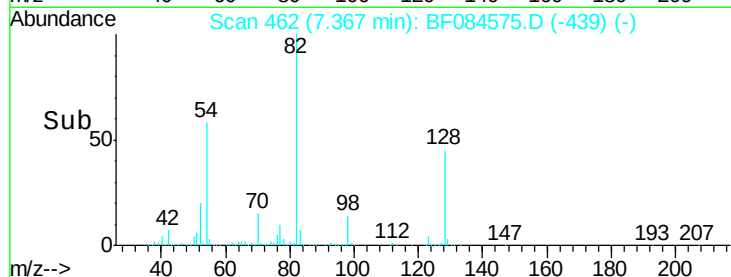
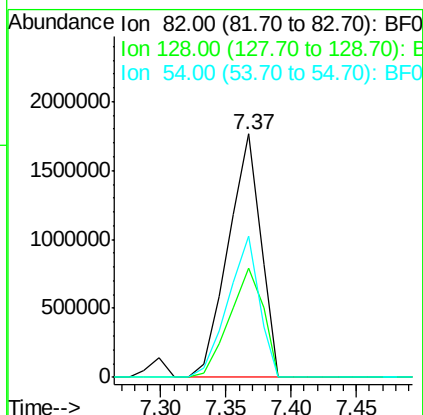
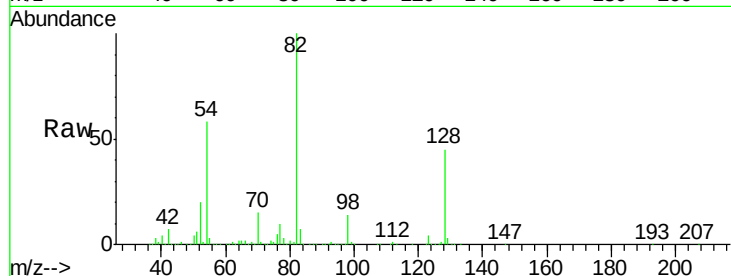
82 100

128 44.7 34.6 51.8

54 58.0 38.4 57.6#

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#24

Nitrobenzene

Concen: 45.68 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

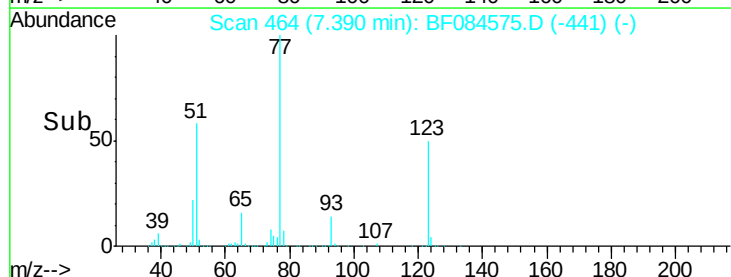
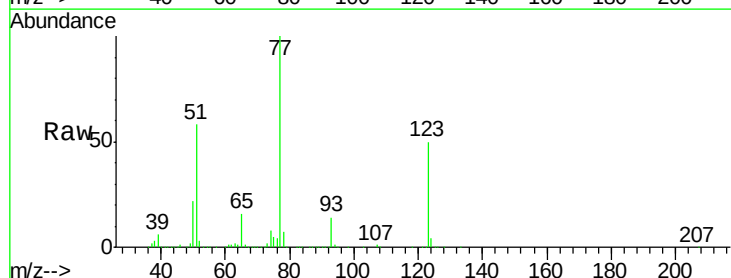
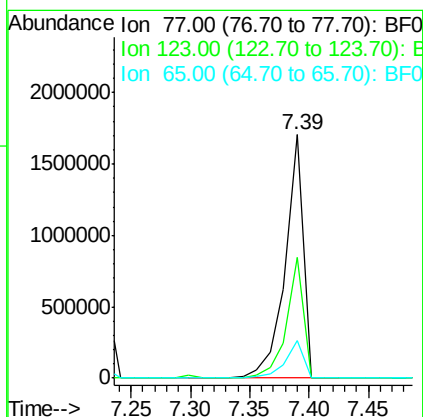
Tgt Ion: 77 Resp: 1772557

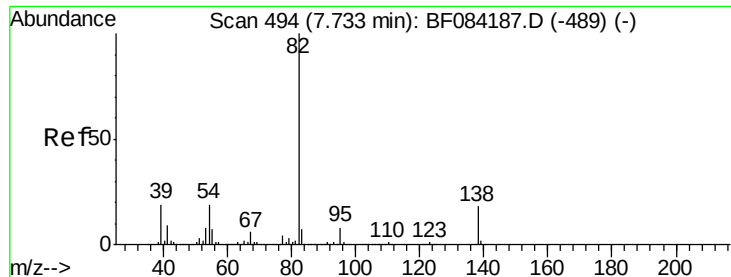
Ion Ratio Lower Upper

77 100

123 49.6 37.4 56.2

65 15.7 10.9 16.3





#25

Isophorone

Concen: 44.66 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 3267615

Ion Ratio Lower Upper

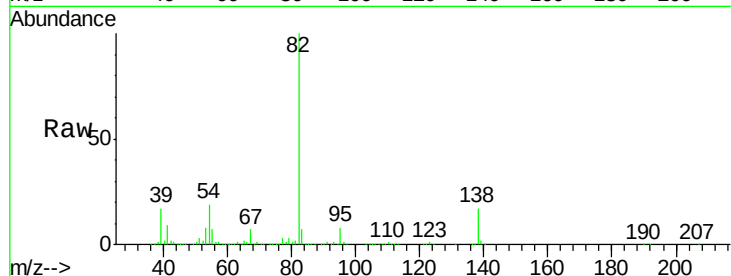
82 100

95 7.8 6.6 10.0

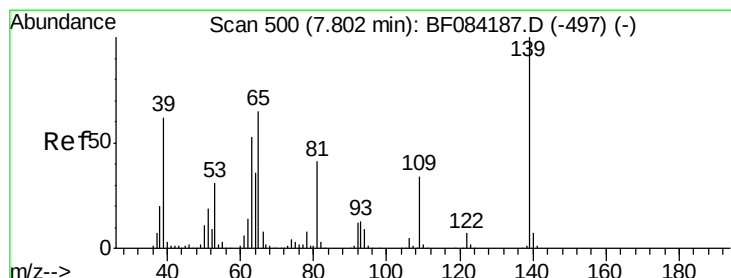
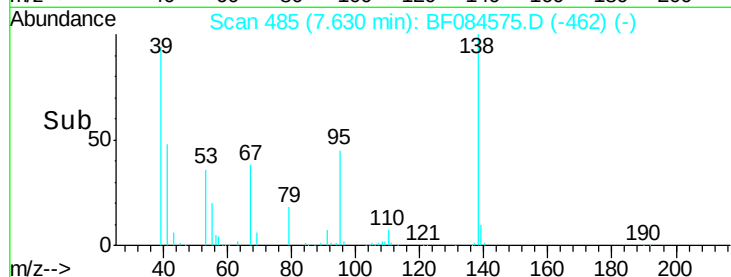
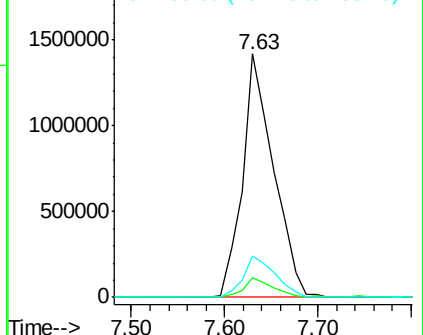
138 17.2 13.6 20.4

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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: 52.48 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

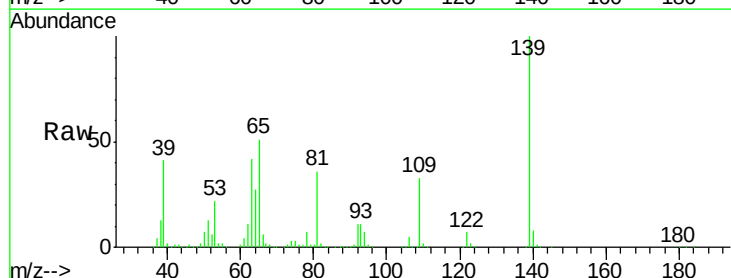
Tgt Ion: 139 Resp: 926648

Ion Ratio Lower Upper

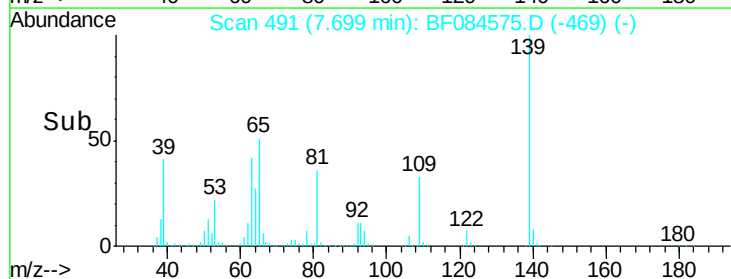
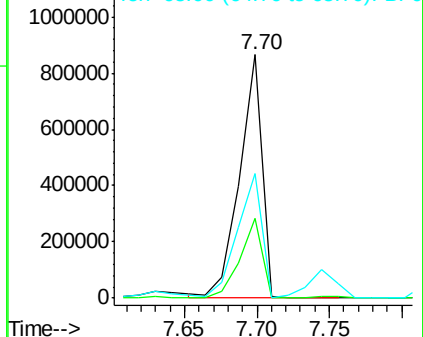
139 100

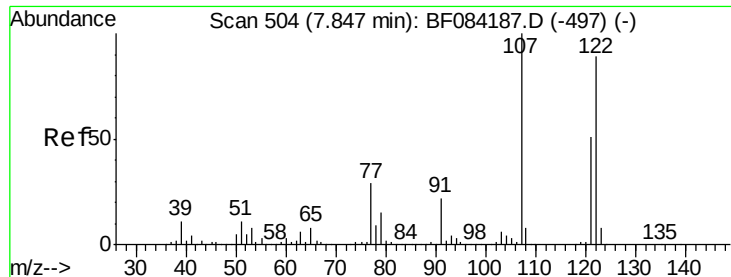
109 32.7 25.4 38.2

65 51.3 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 41.44 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:122 Resp: 1481341

Ion Ratio Lower Upper

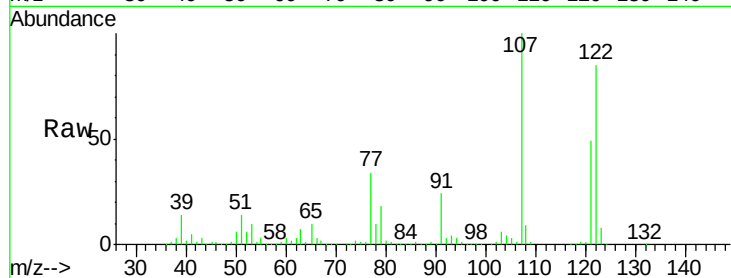
122 100

107 118.0 99.1 148.7

121 58.4 47.9 71.9

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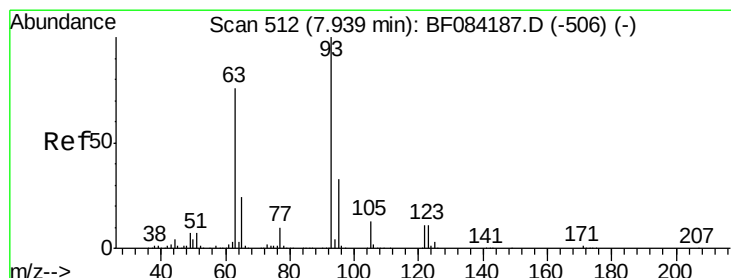
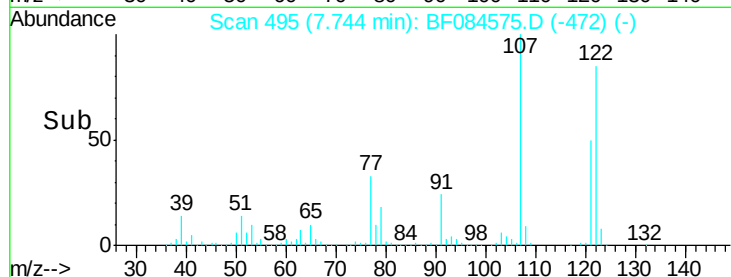
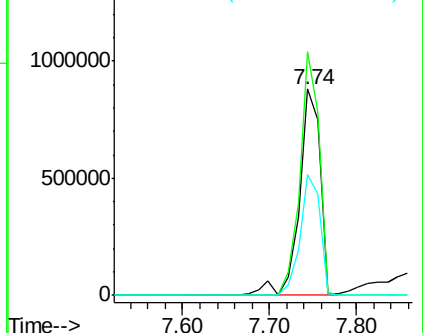
mohammad
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.16 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

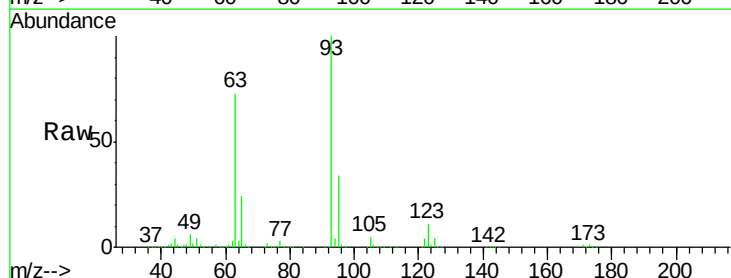
Tgt Ion: 93 Resp: 1660595

Ion Ratio Lower Upper

93 100

95 33.8 25.8 38.6

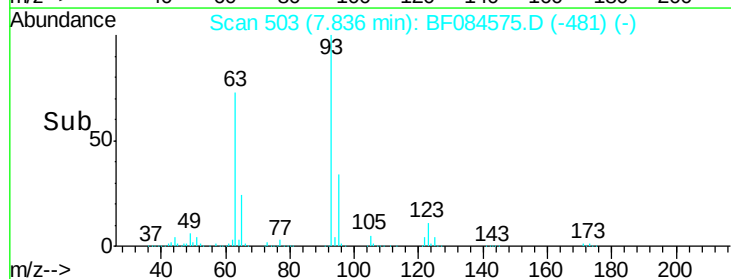
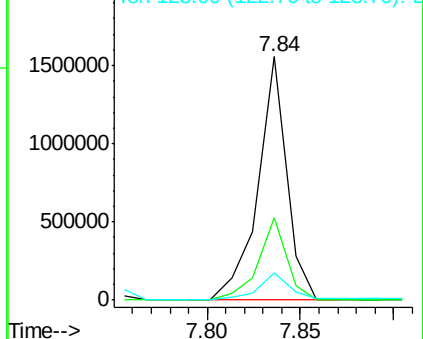
123 11.1 8.6 12.8

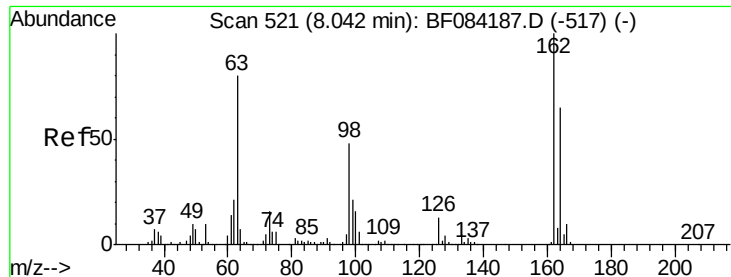


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.34 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:162 Resp: 1320156

Ion Ratio Lower Upper

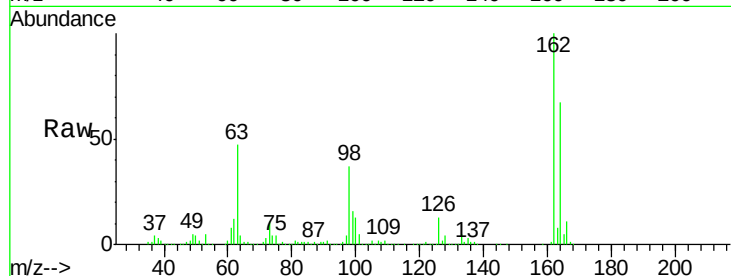
162 100

164 66.7 44.1 84.1

98 36.5 20.2 60.2

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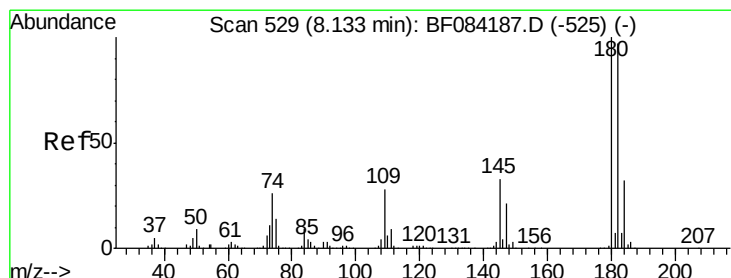
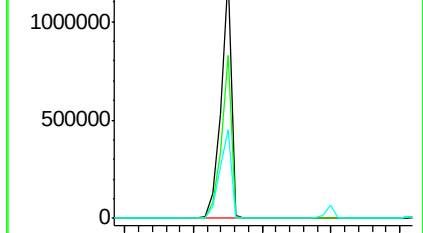
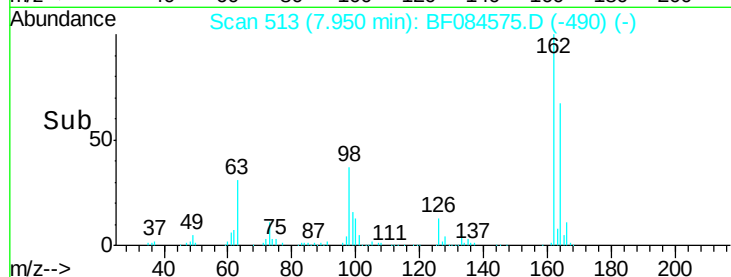
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.31 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

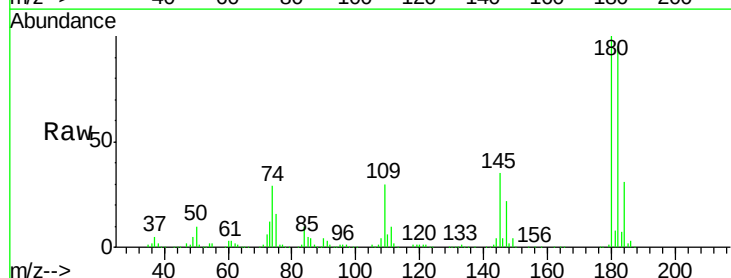
Tgt Ion:180 Resp: 1269818

Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

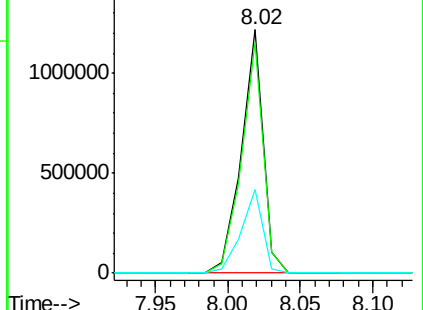
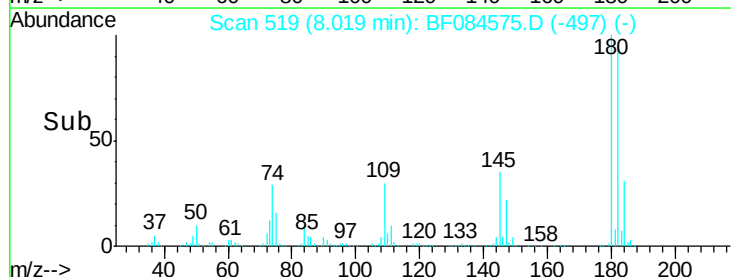
145 34.5 31.6 47.4

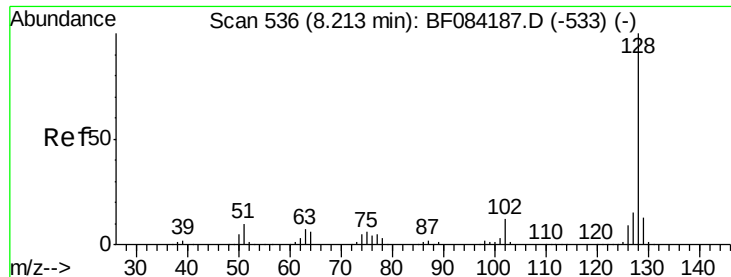


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





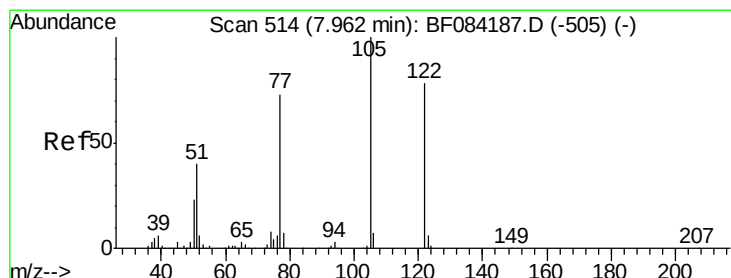
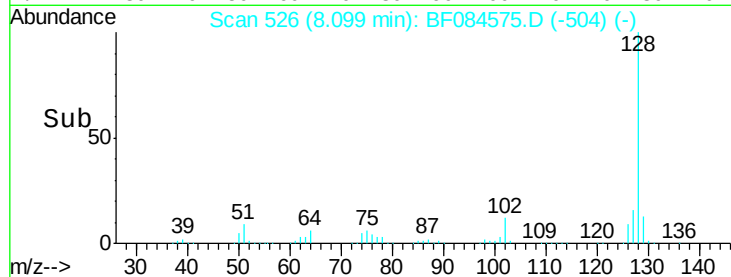
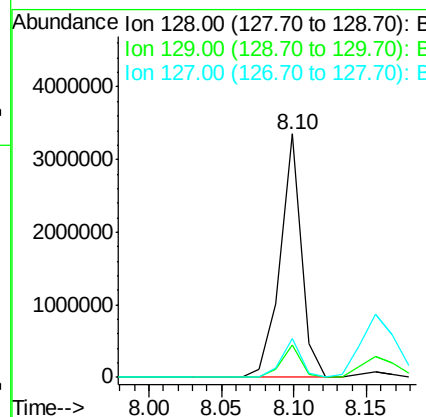
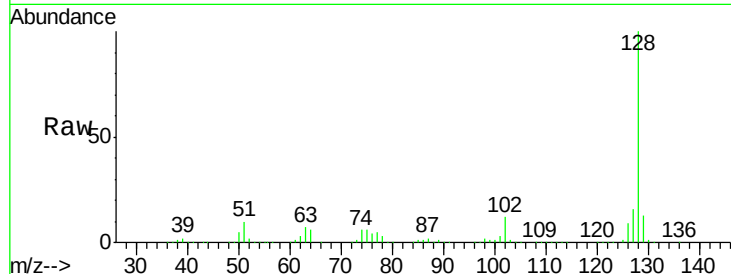
#31
Naphthalene
Concen: 35.10 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 3390175
Ion Ratio Lower Upper
128 100
129 13.5 9.1 13.7
127 15.9 11.1 16.7

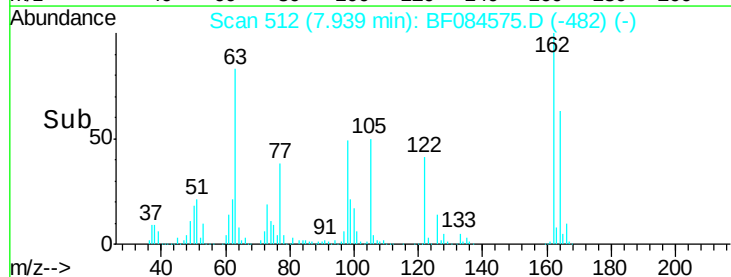
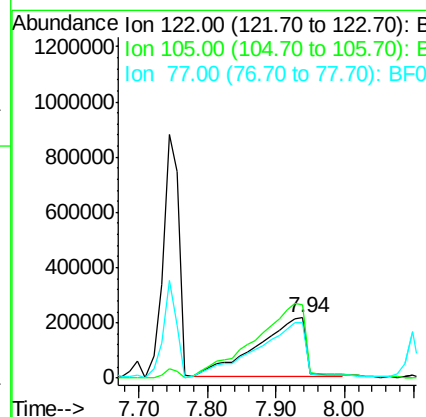
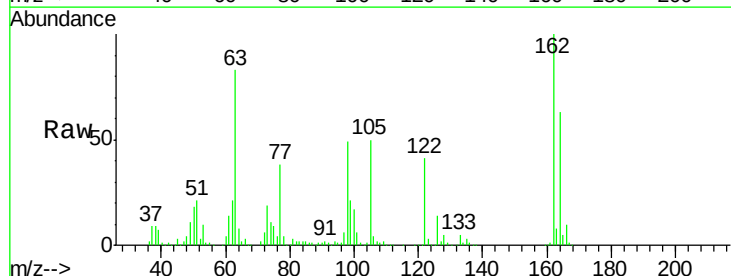
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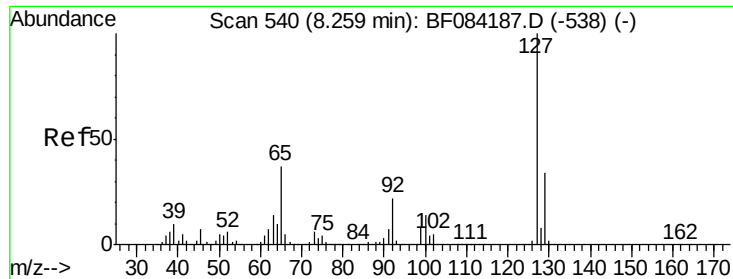
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#32
Benzoic acid
Concen: 46.36 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion:122 Resp: 1060355
Ion Ratio Lower Upper
122 100
105 122.1 100.3 140.3
77 92.7 63.5 103.5





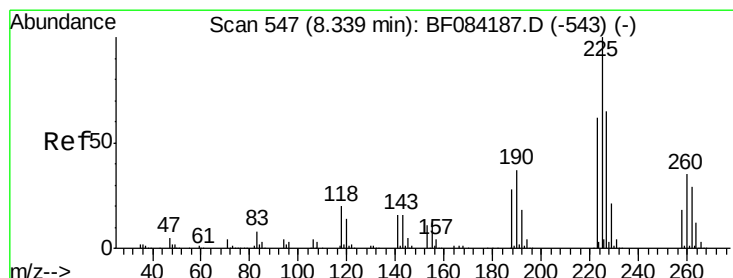
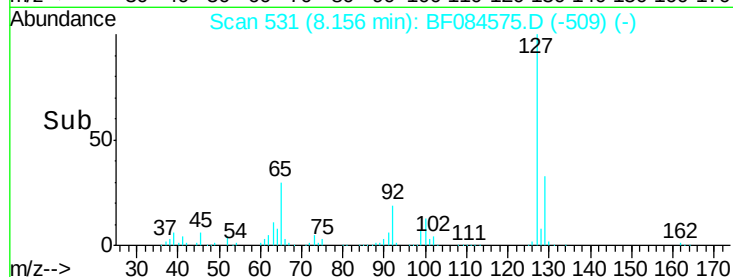
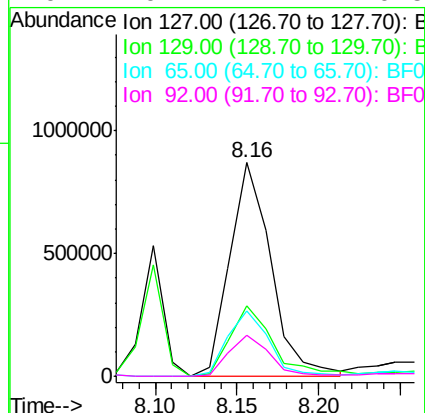
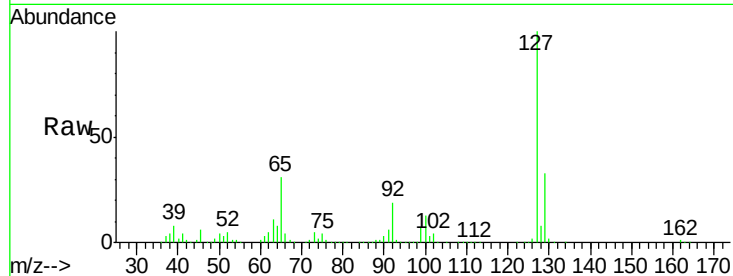
#33
4-Chloroaniline
Concen: 34.12 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		1510987		
129	33.0	26.5	39.7		
65	30.5	27.2	40.8		
92	19.4	17.7	26.5		

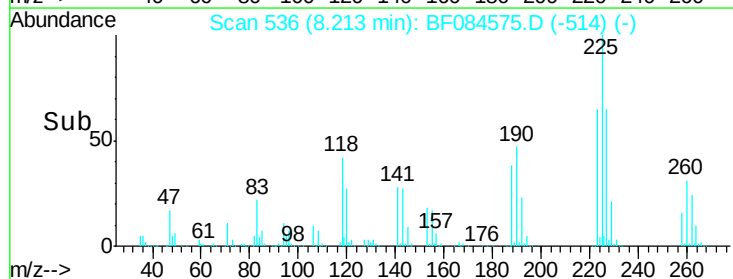
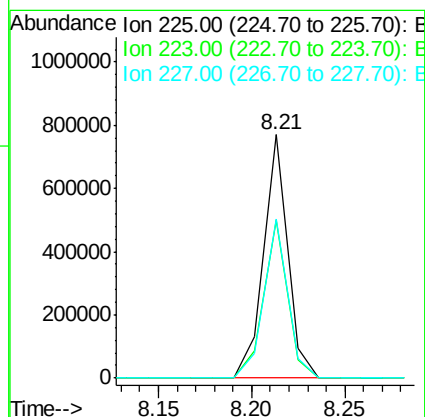
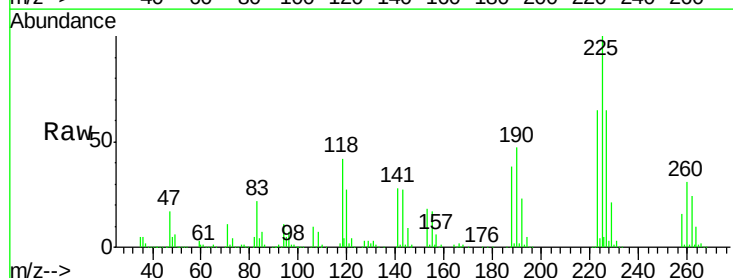
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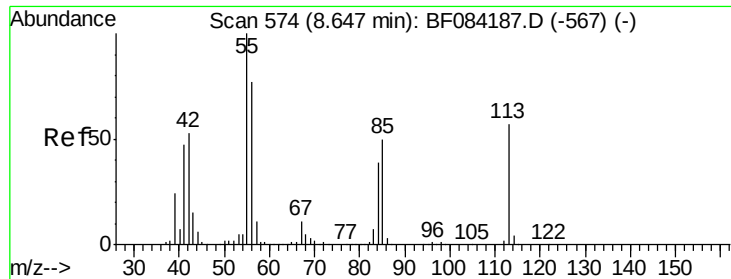
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#34
Hexachlorobutadiene
Concen: 38.80 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		685531		
223	65.1	49.4	74.0		
227	65.2	50.8	76.2		





#35

Caprolactam

Concen: 35.40 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

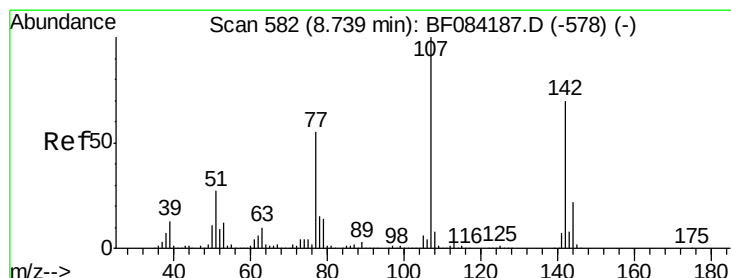
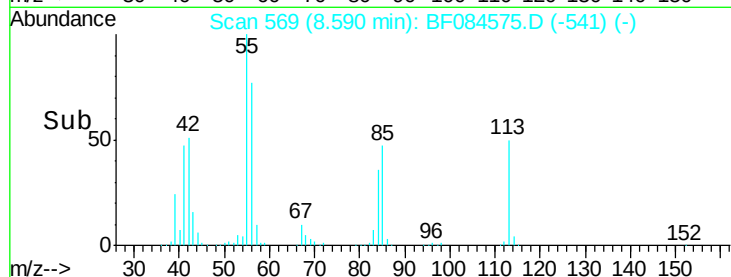
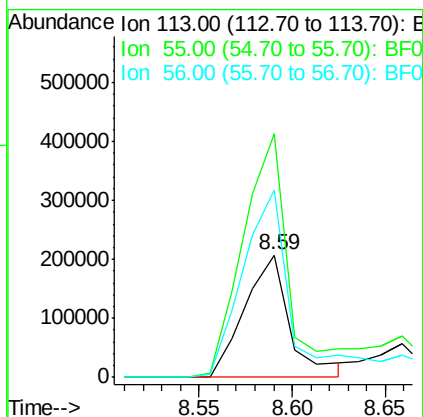
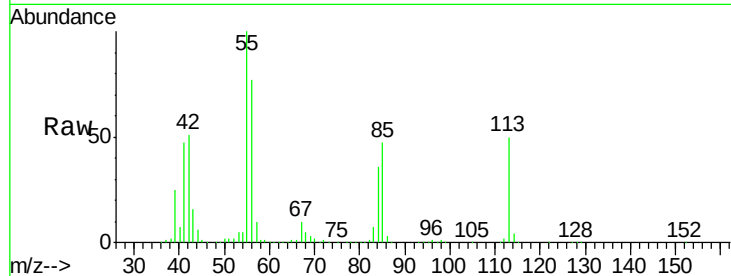
SSTDCCC040EC

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Tot Ion	Ratio	Lower	Upper
113	100		
55	199.4	116.9	156.9#
56	153.5	93.8	133.8#



#36

4-Chloro-3-methylphenol

Concen: 44.28 ng

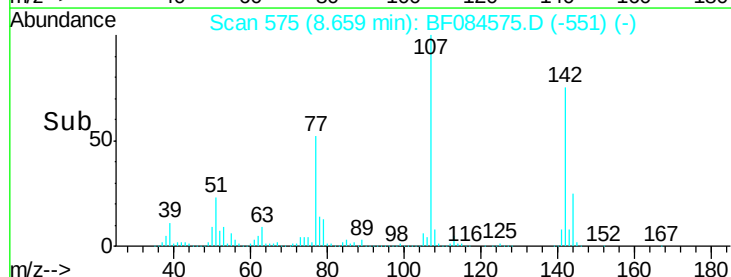
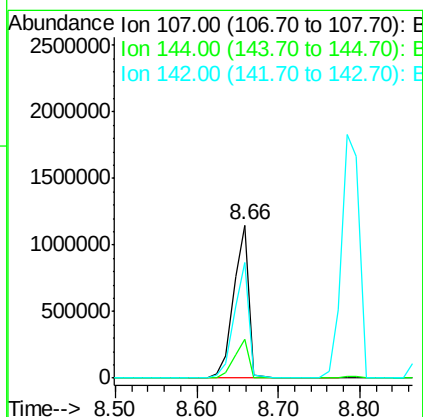
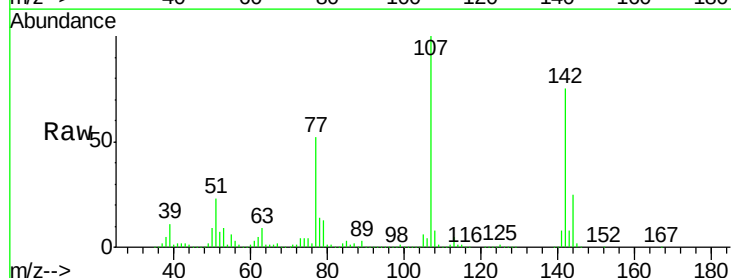
RT: 8.66 min Scan# 575

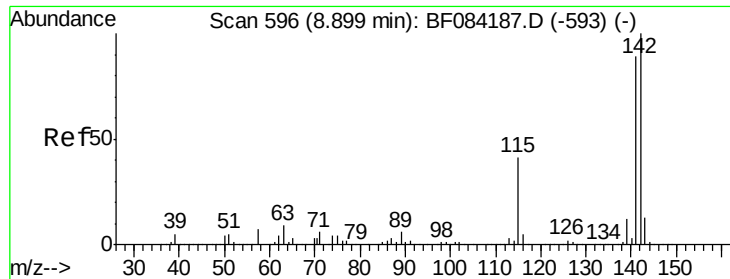
Delta R.T. -0.02 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.7	29.5
142	75.4	61.8	92.6





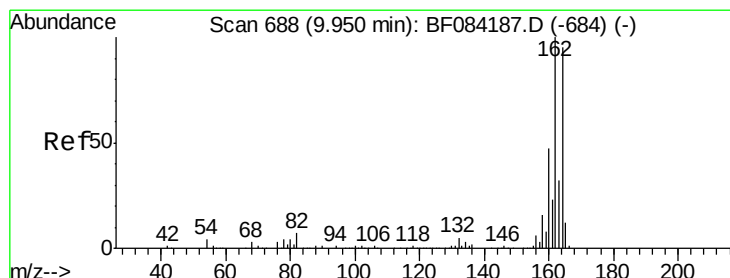
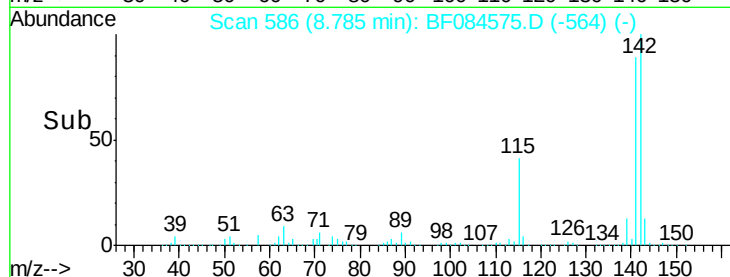
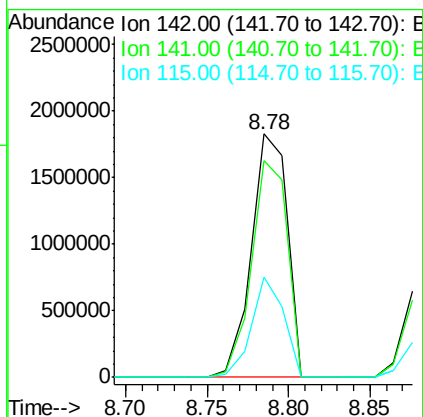
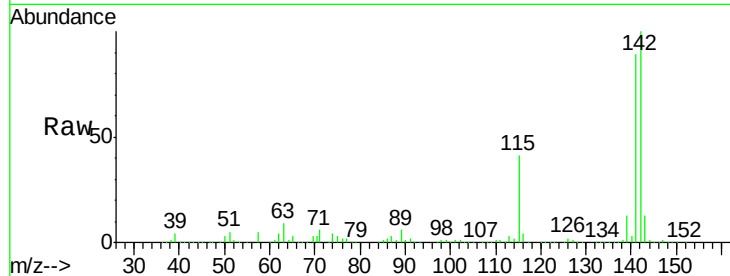
#37
2-Methylnaphthalene
Concen: 40.15 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.4	108.6
115	41.0	27.9	41.9

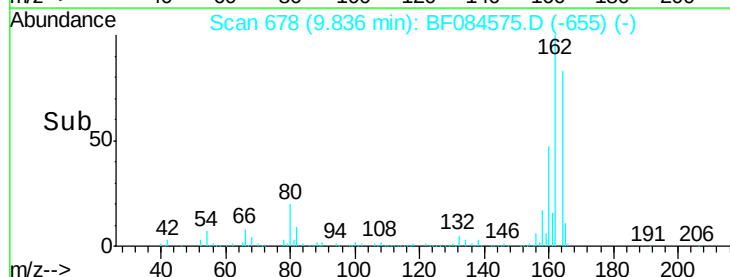
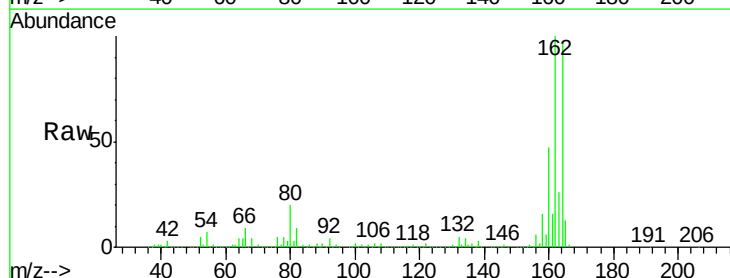
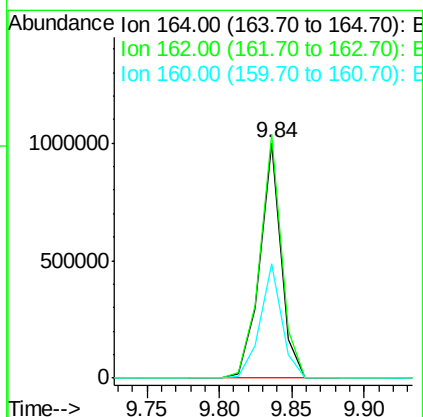
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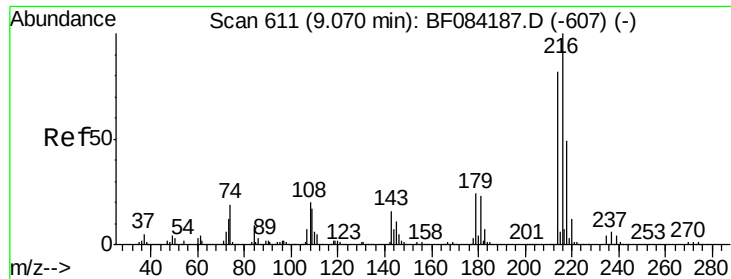
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	48.4	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.37 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

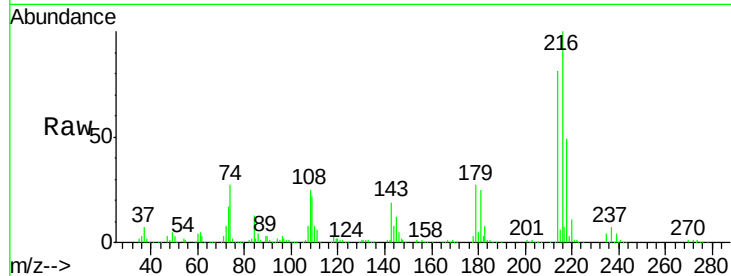
ClientSampleId :

SSTDCCC040EC

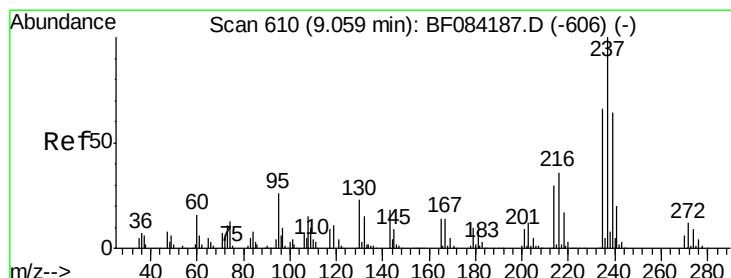
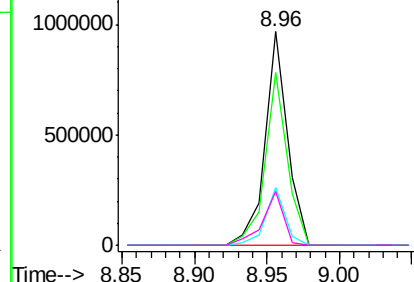
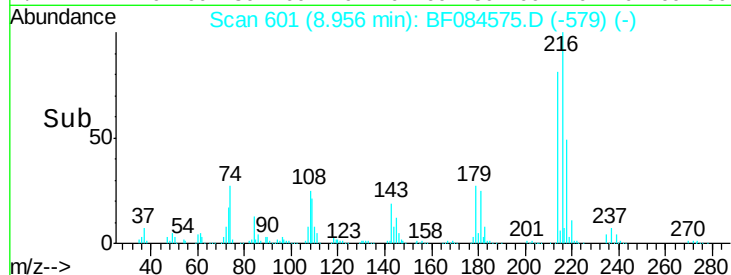
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.7	64.2	96.2
179	24.0	18.7	28.1
108	24.1	16.8	25.2

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



#40

Hexachlorocyclopentadiene

Concen: 40.57 ng

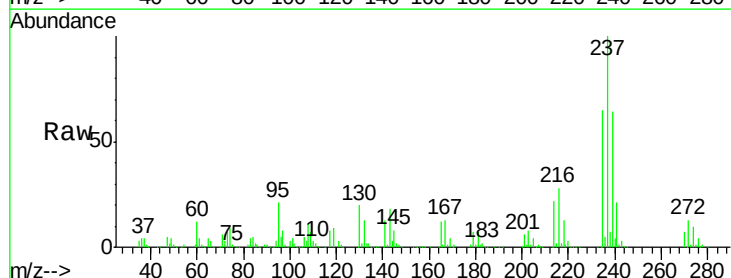
RT: 8.94 min Scan# 600

Delta R.T. -0.05 min

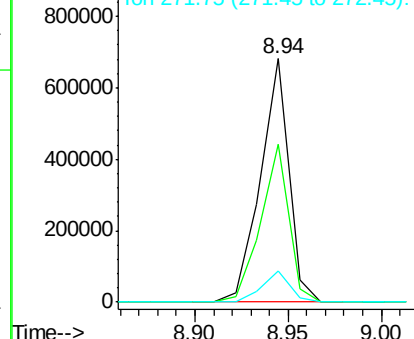
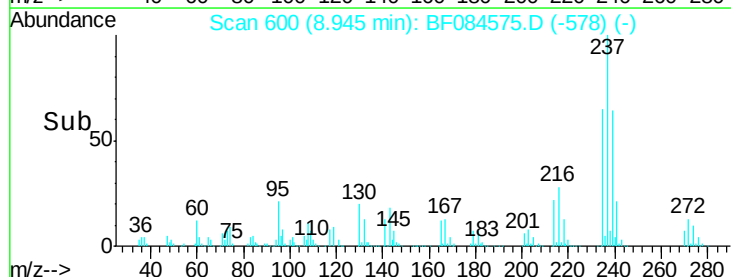
Lab File: BF084575.D

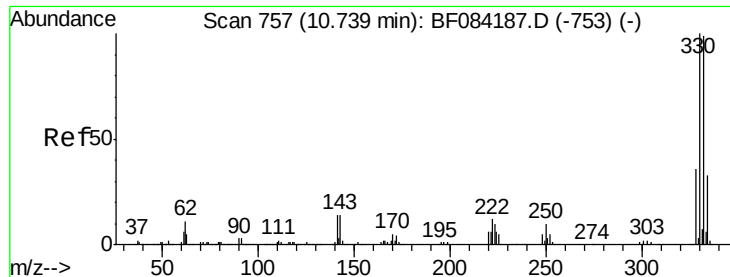
Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.0	43.1	83.1
272	13.0	0.0	35.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





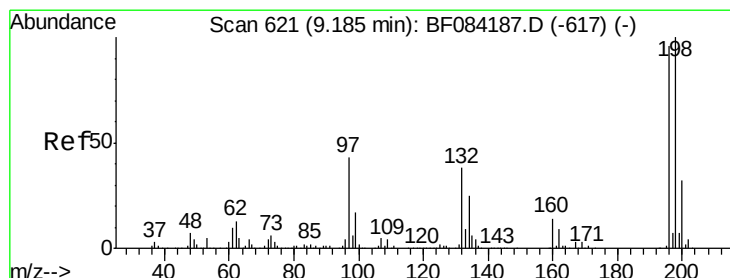
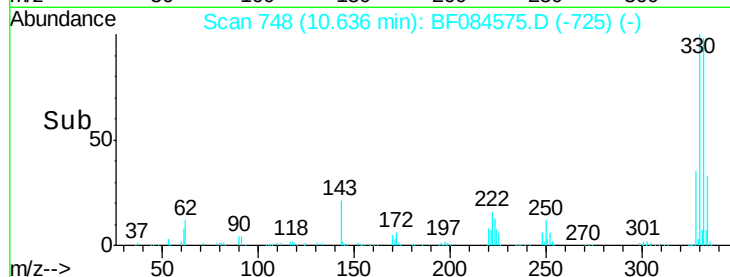
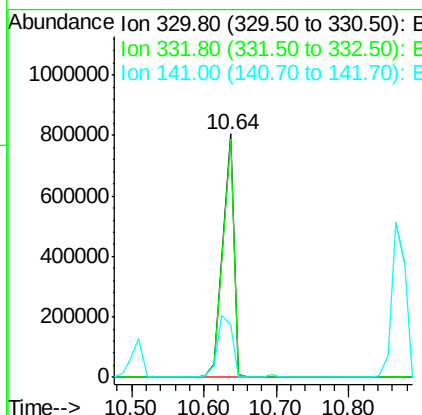
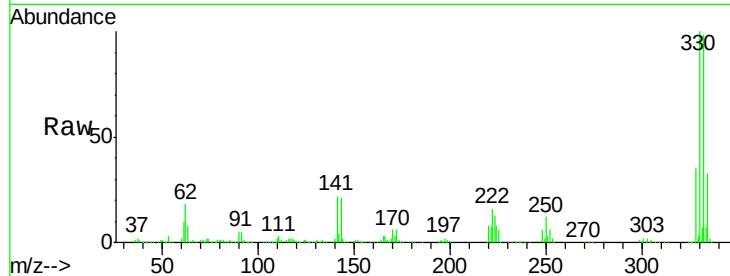
#41
 2,4,6-Tribromophenol
 Concen: 84.82 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	873332		
332	97.7	76.6	114.8	
141	33.7	27.8	41.6	

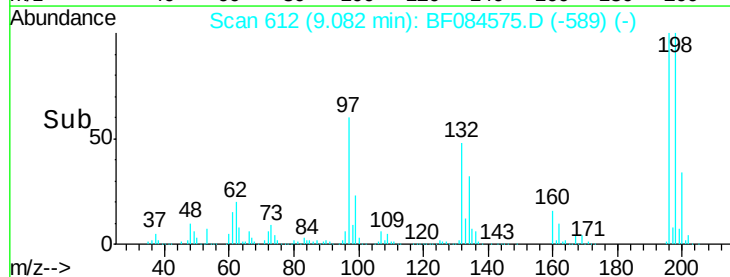
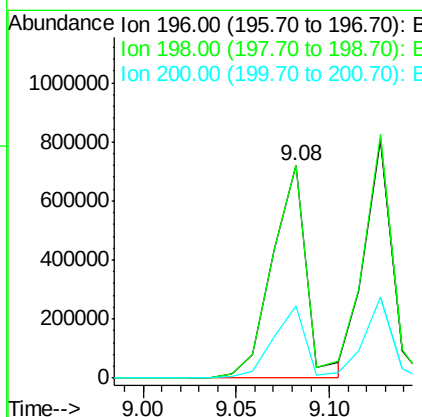
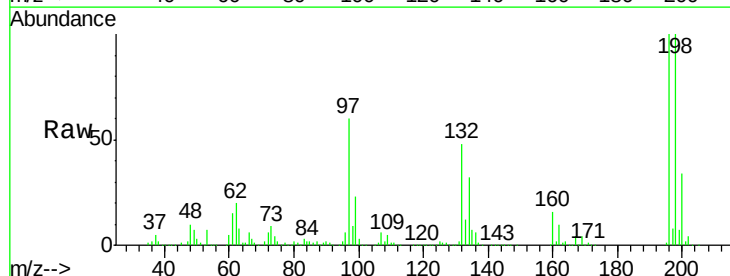
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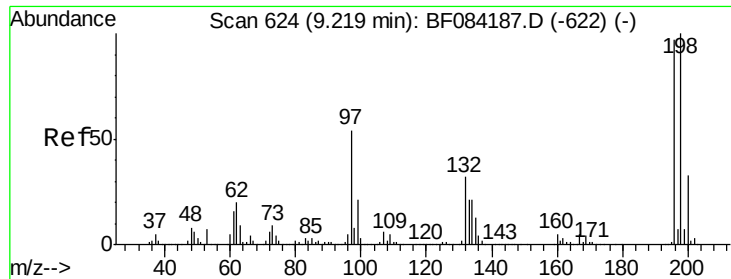
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 41.74 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	915540		
198	100.4	77.7	116.5	
200	33.8	24.6	37.0	





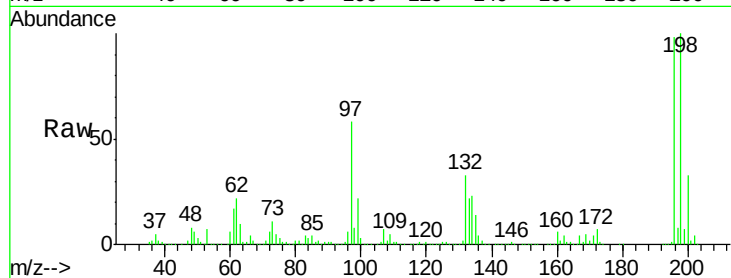
#43
 2,4,5-Trichlorophenol
 Concen: 39.31 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	826665		
198	102.2	79.0	118.6	
97	59.5	33.0	49.6	#
132	33.7	21.1	31.7	#

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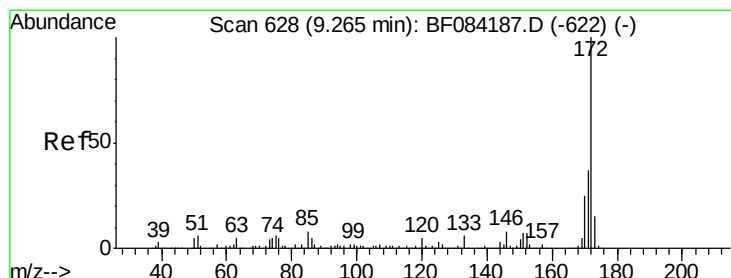
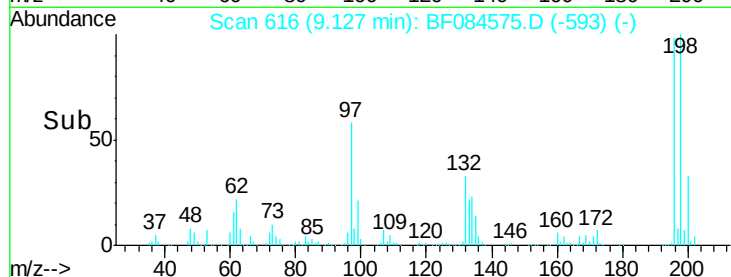
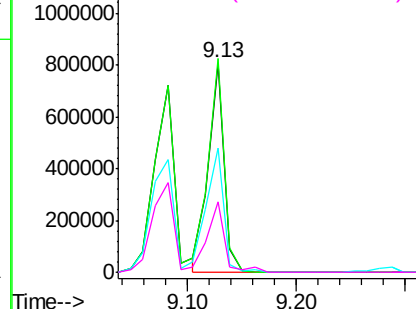
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

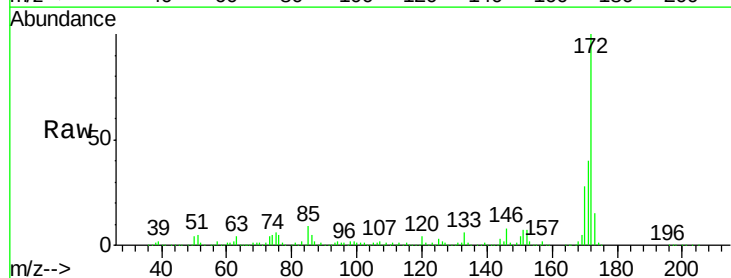
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.61 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3994846		
171	40.2	28.9	43.3	
170	27.8	18.6	27.8	

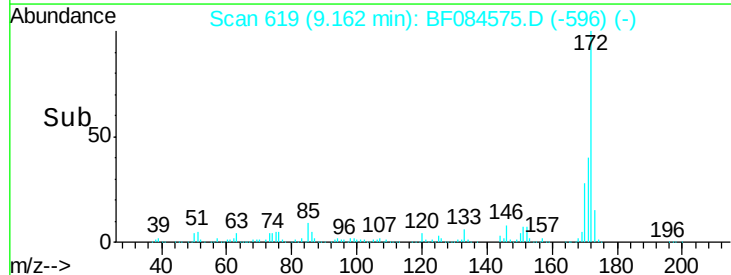
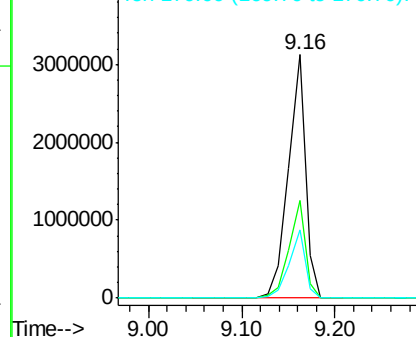


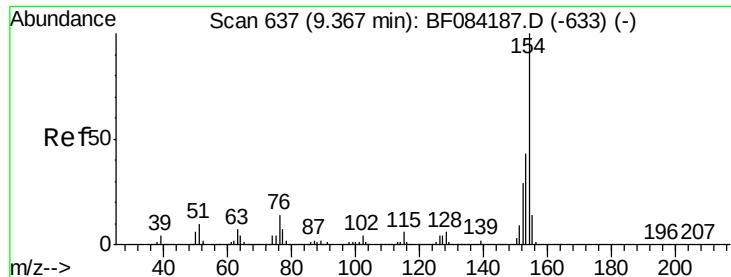
Abundance

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: 38.07 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 3085962

Ion Ratio Lower Upper

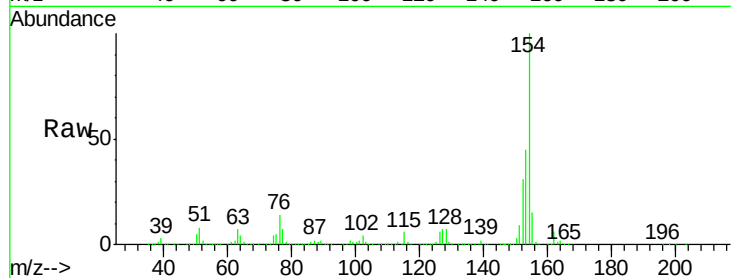
154 100

153 45.2 21.6 61.6

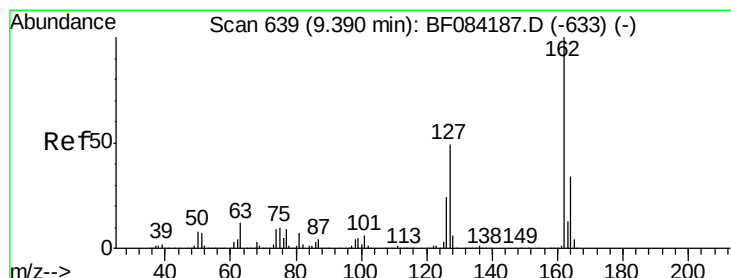
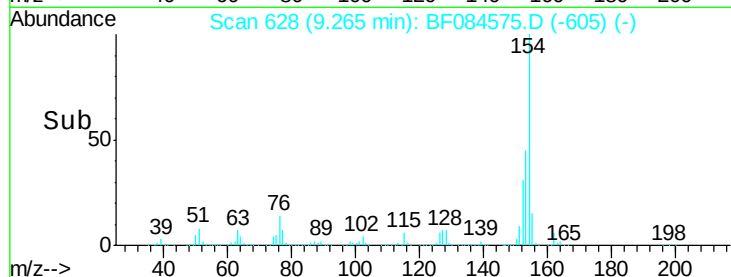
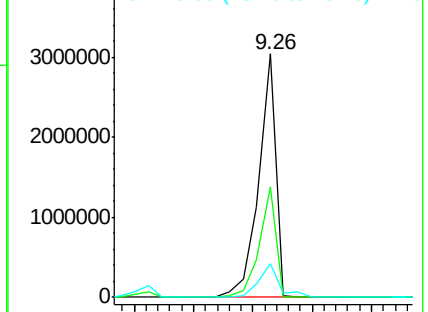
76 14.0 0.0 32.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.48 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

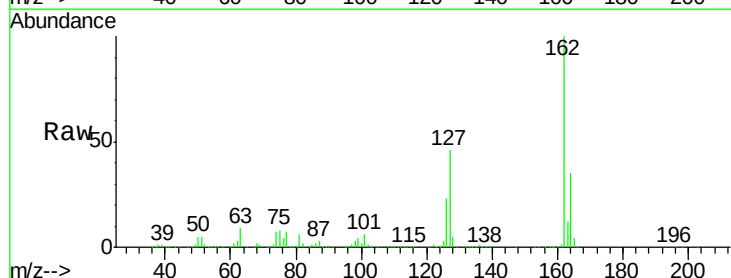
Tgt Ion:162 Resp: 2513674

Ion Ratio Lower Upper

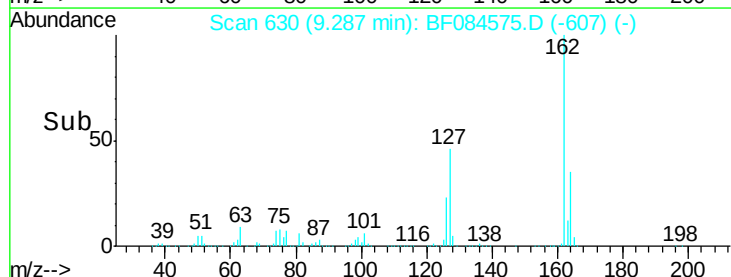
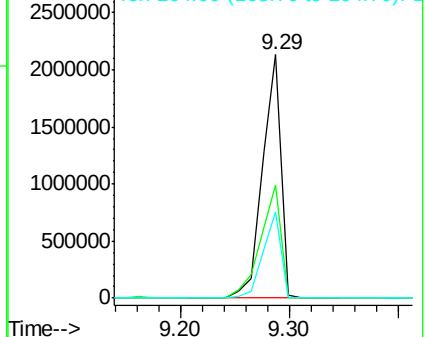
162 100

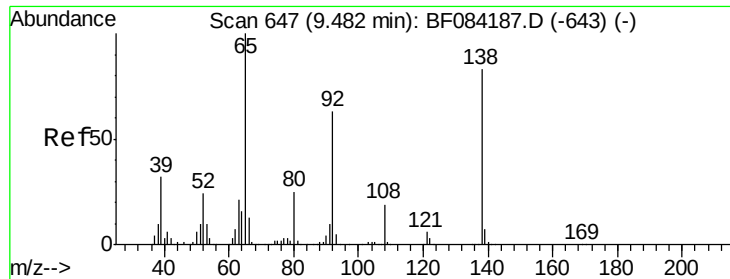
127 46.4 40.2 60.4

164 35.3 25.7 38.5



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





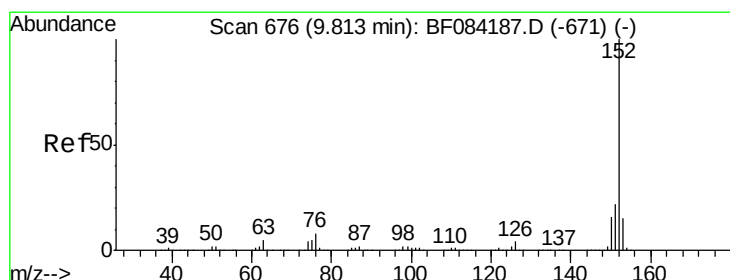
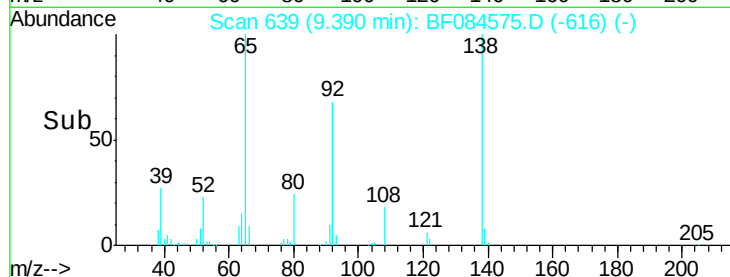
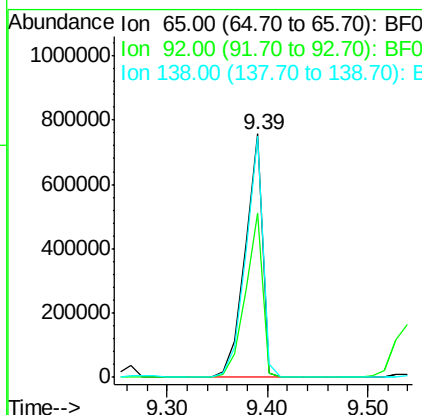
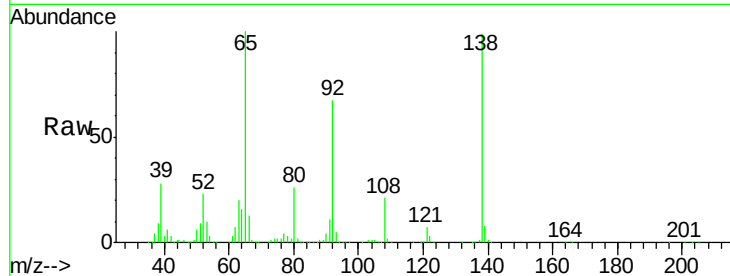
#47
2-Nitroaniline
Concen: 43.06 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.4	80.2
138	99.0	71.1	106.7

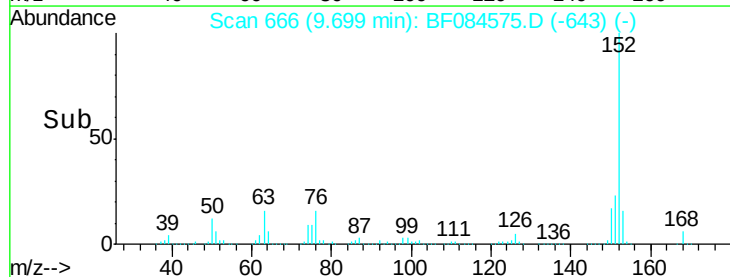
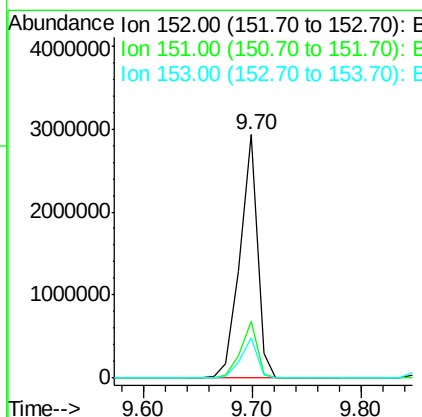
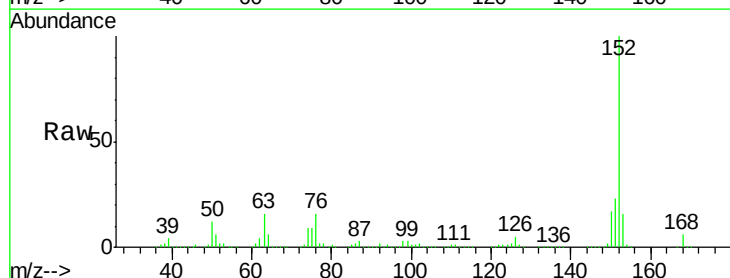
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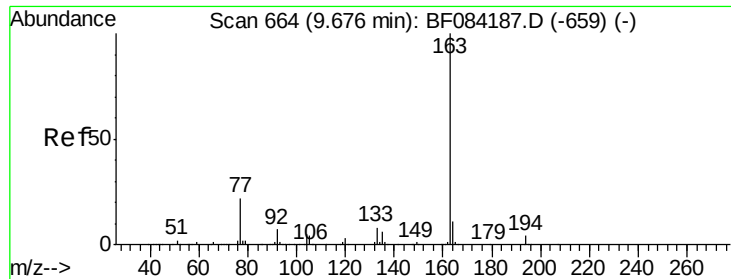
mohammad
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#48
Acenaphthylene
Concen: 34.27 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.3	24.5
153	16.3	10.4	15.6





#49

Dimethylphthalate

Concen: 41.38 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040EC

Tot Ion:163 Resp: 3016920

Ion Ratio Lower Upper

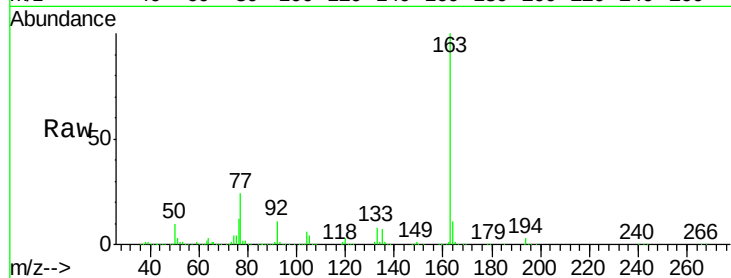
163 100

194 3.4 8.0 12.0#

164 11.1 8.0 12.0

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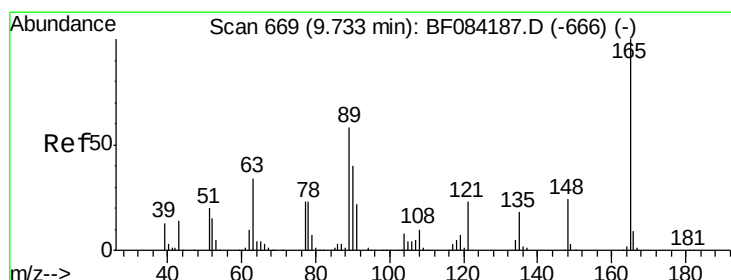
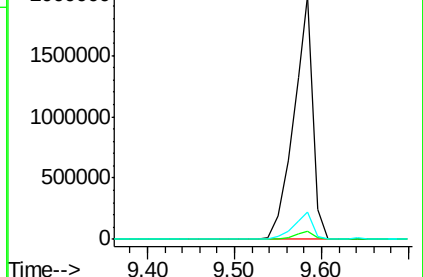
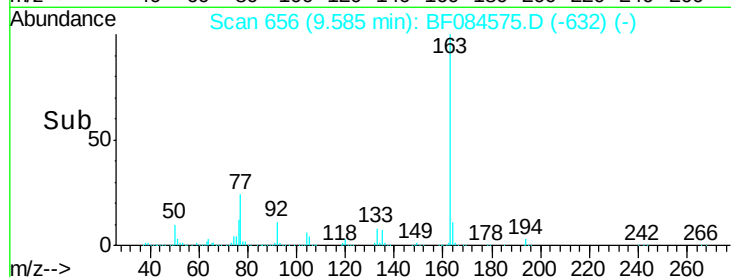
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.95 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

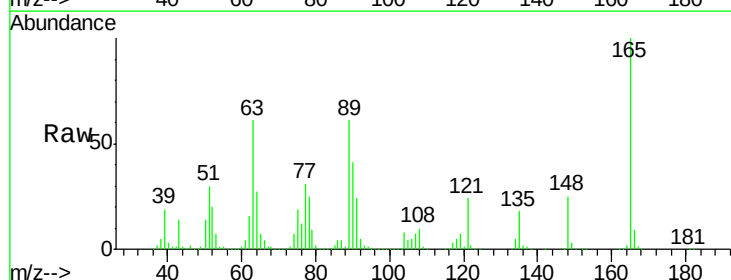
Tgt Ion:165 Resp: 702886

Ion Ratio Lower Upper

165 100

63 61.3 28.8 43.2#

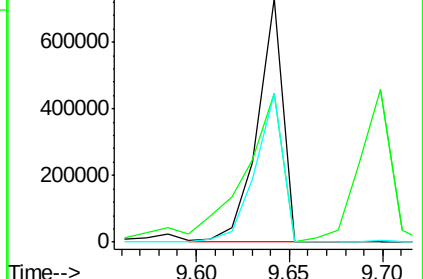
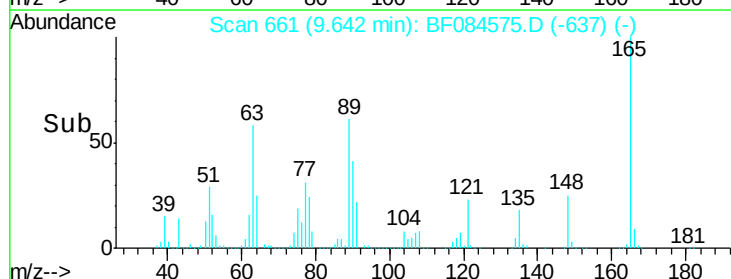
89 61.1 35.1 52.7#

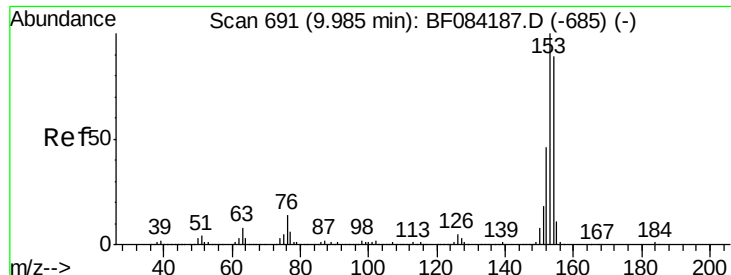


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.84 ng/mL

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040EC

Tot Ion:154 Resp: 2071910

Ion Ratio Lower Upper

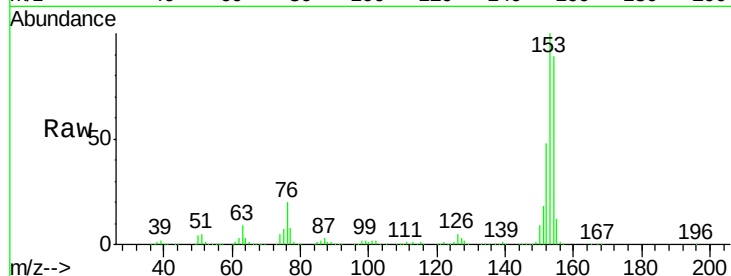
154 100

153 112.2 91.5 137.3

152 53.5 43.0 64.6

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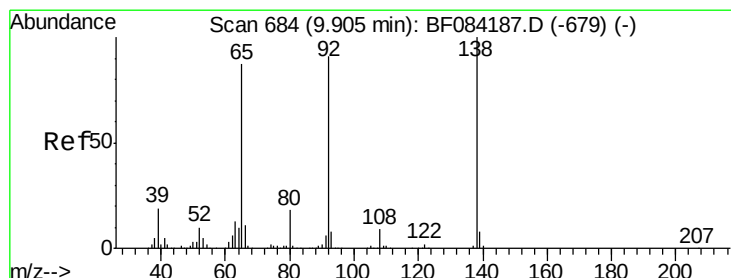
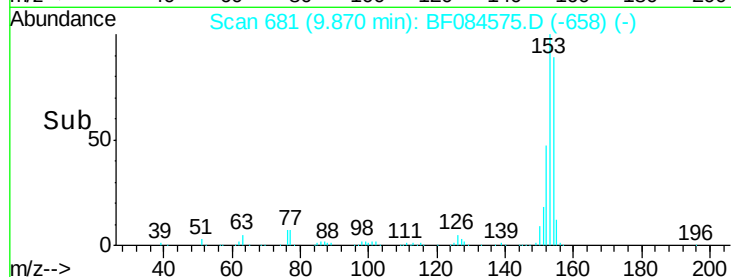
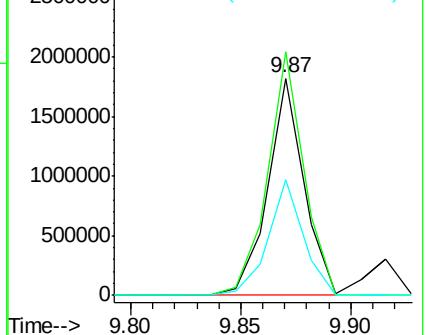
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.44 ng/mL

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

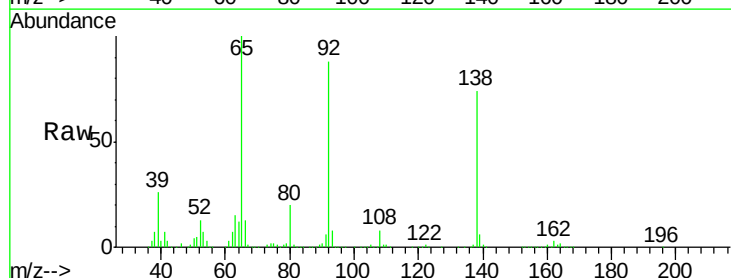
Tgt Ion:138 Resp: 781555

Ion Ratio Lower Upper

138 100

108 11.4 10.5 15.7

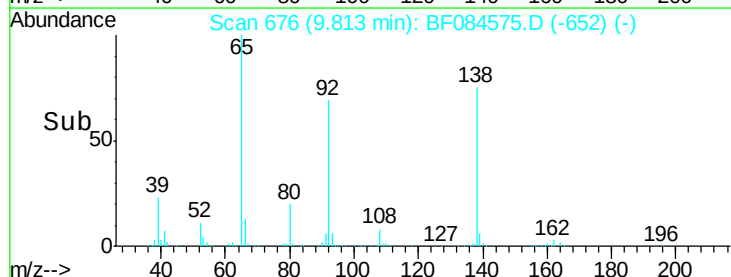
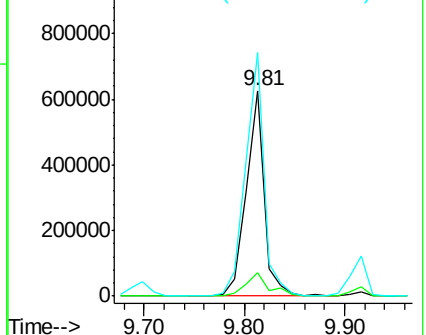
92 118.6 103.9 155.9

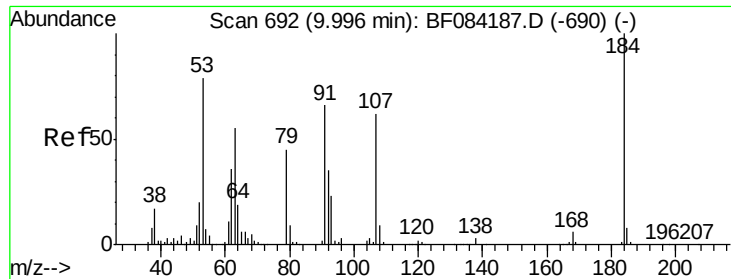


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





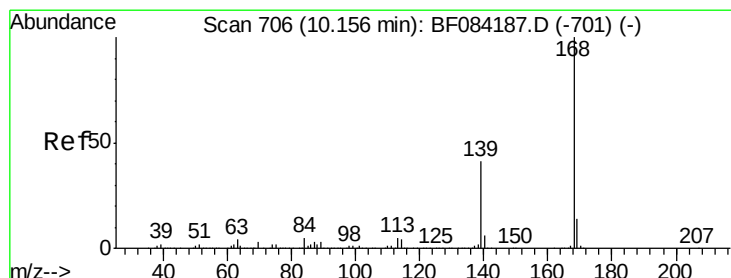
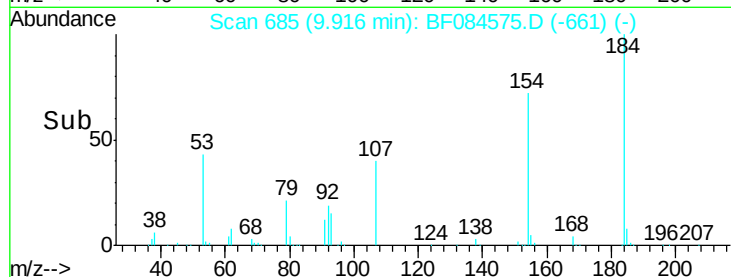
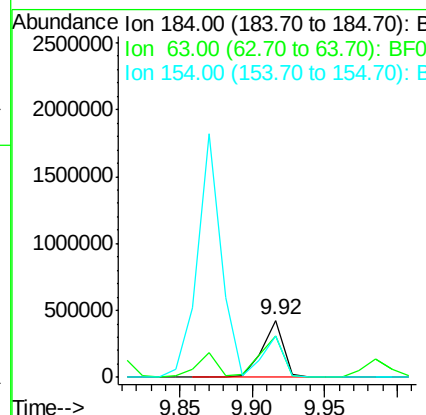
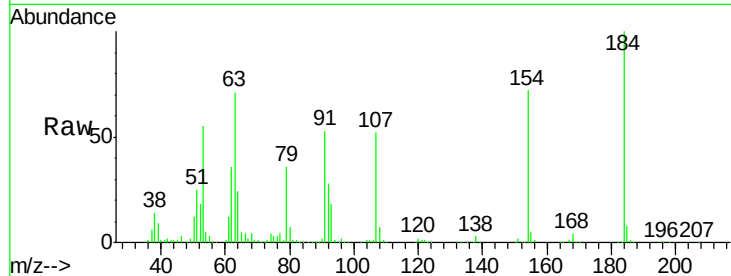
#53
2,4-Dinitrophenol
Concen: 66.69 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.3	43.1	64.7#
154	72.3	60.5	90.7

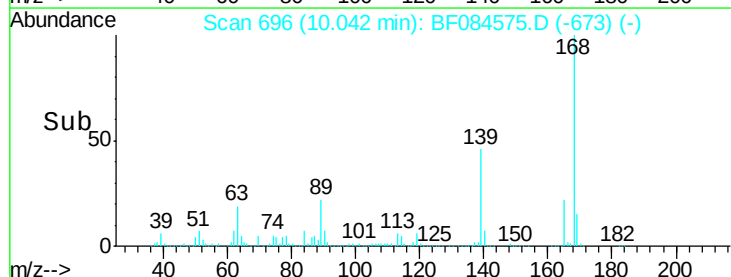
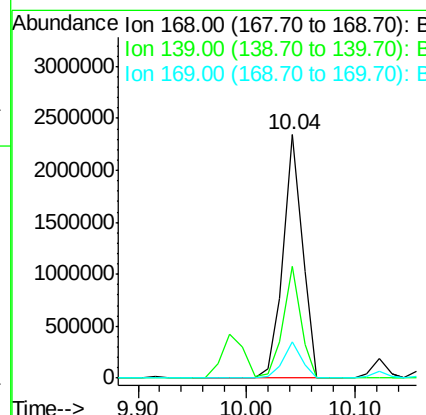
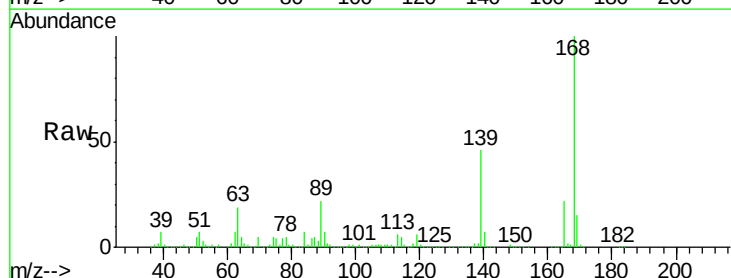
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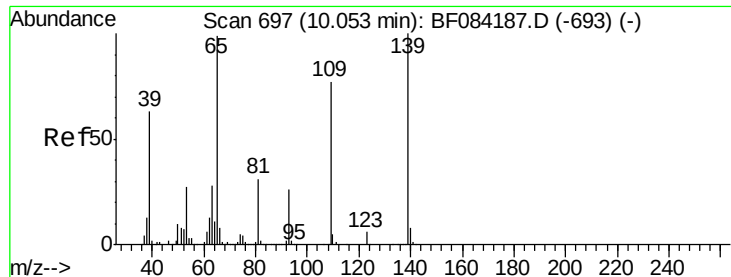
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#54
Dibenzofuran
Concen: 34.90 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.0	30.5	45.7#
169	15.0	10.4	15.6





#55

4-Nitrophenol

Concen: 41.84 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

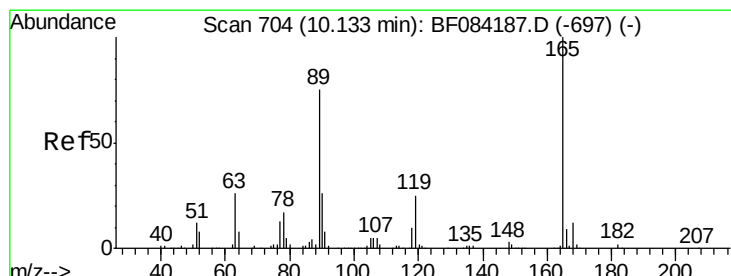
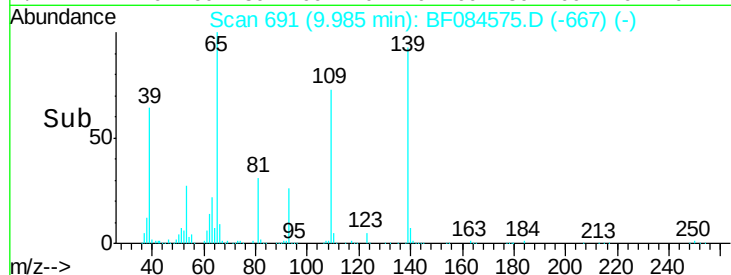
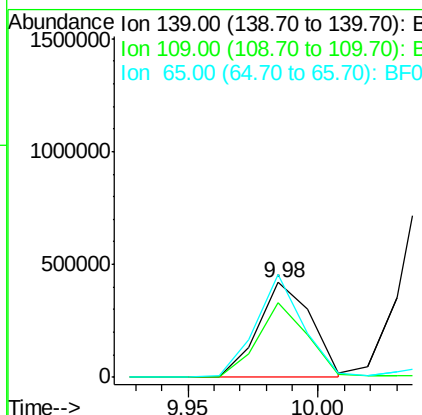
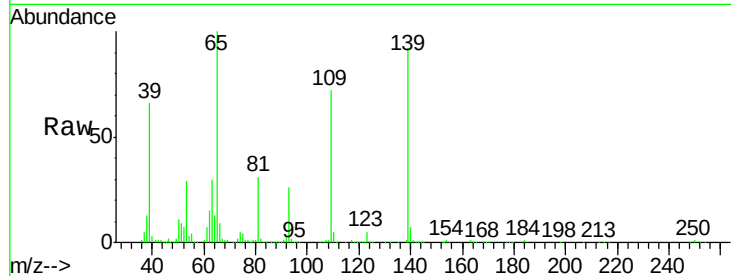
ClientSampleId :

SSTDCCC040EC

Tot Ion:	139	Resp:	601728
Ion Ratio	Lower	Upper	
139	100		
109	78.3	58.5	98.5
65	108.1	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 39.00 ng

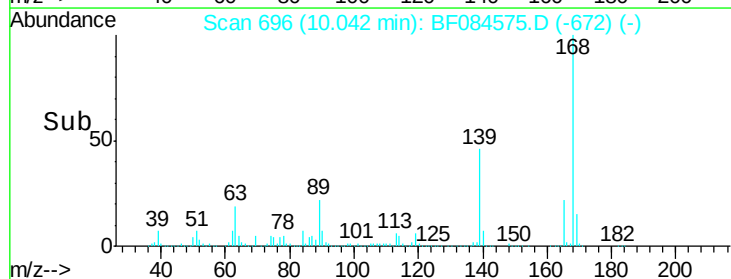
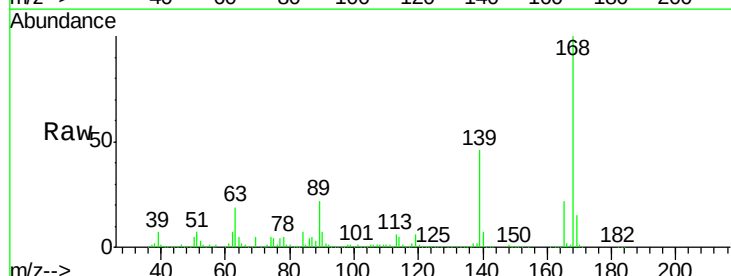
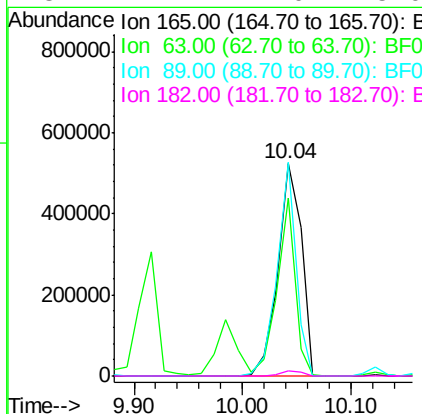
RT: 10.04 min Scan# 696

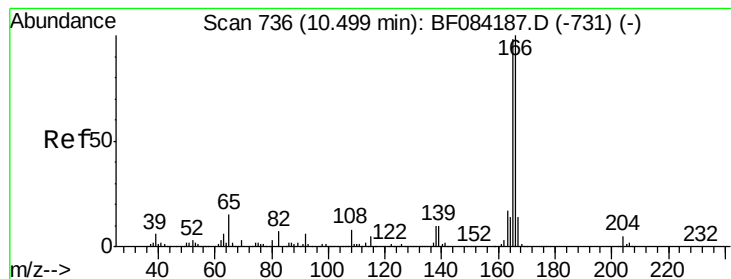
Delta R.T. -0.02 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tgt Ion:	165	Resp:	789241
Ion Ratio	Lower	Upper	
165	100		
63	83.6	36.7	55.1#
89	100.6	61.9	92.9#
182	2.2	2.0	3.0





#57

Fluorene

Concen: 35.23 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 2258640

Ion Ratio Lower Upper

166 100

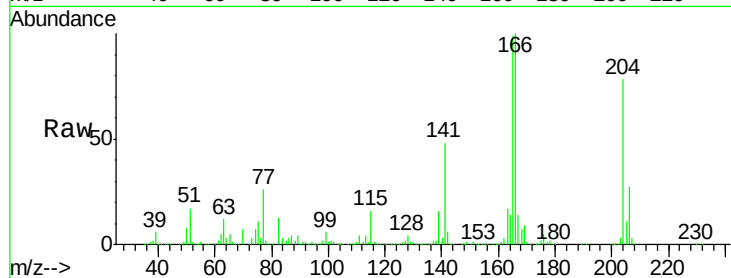
165 98.9 79.1 118.7

167 14.5 10.4 15.6

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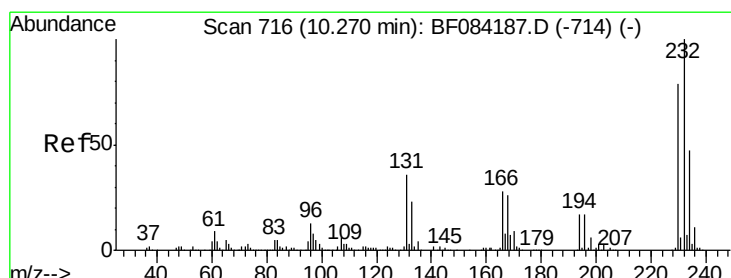
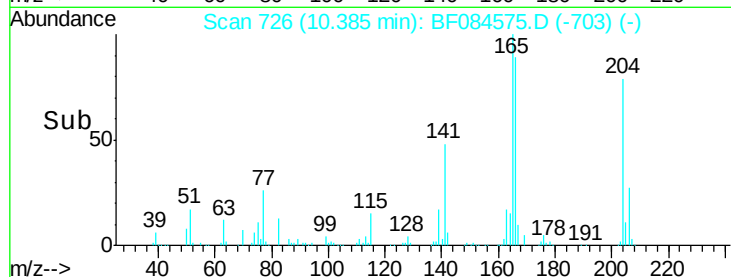
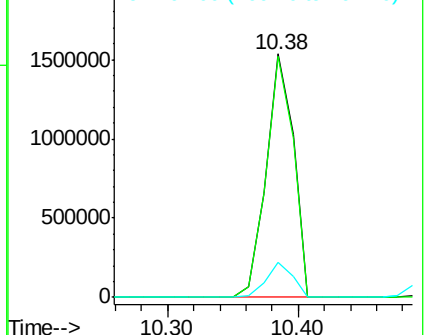


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.89 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tgt Ion:232 Resp: 644333

Ion Ratio Lower Upper

232 100

131 55.3 47.0 70.6

130 2.7 2.0 3.0

166 34.7 30.5 45.7

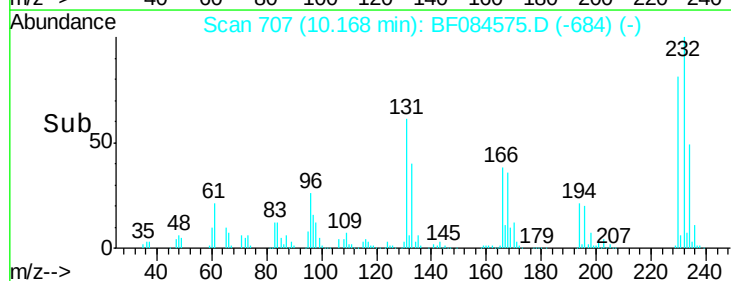
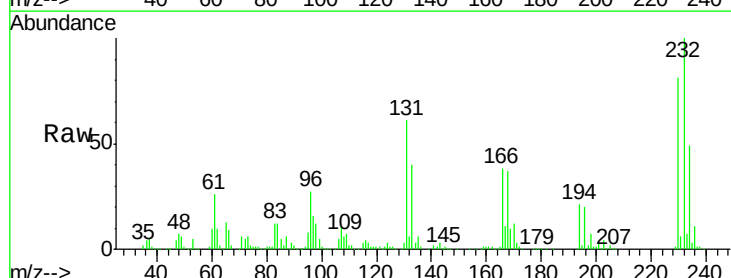
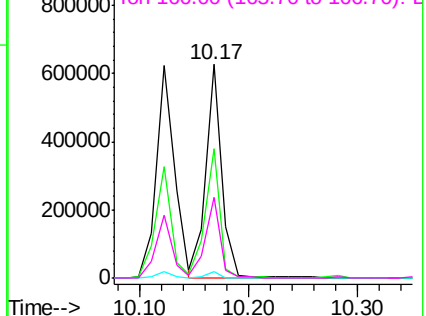
Abundance

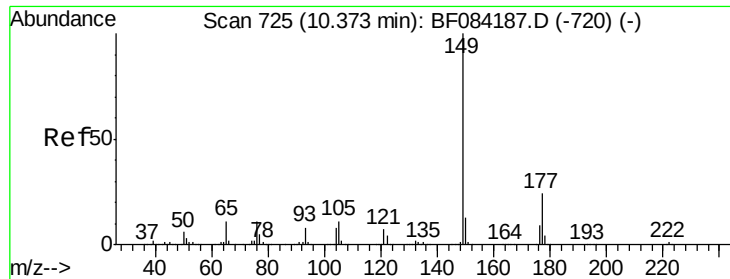
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





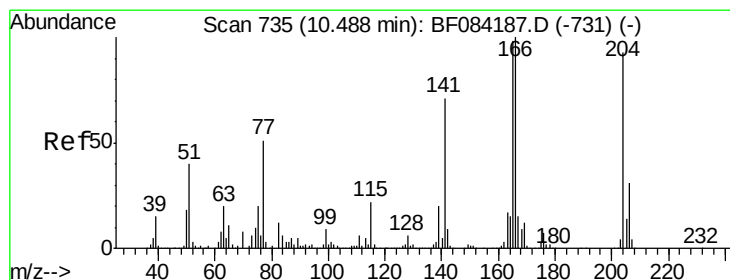
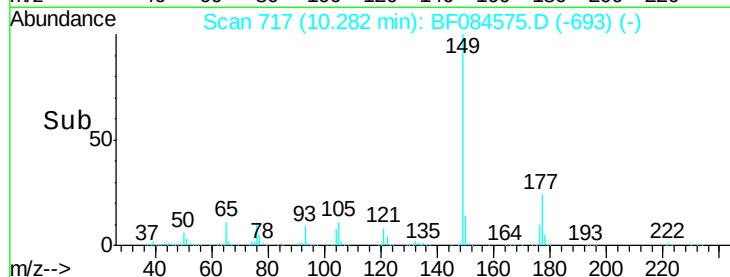
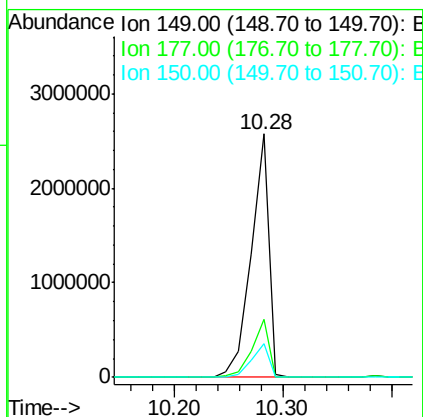
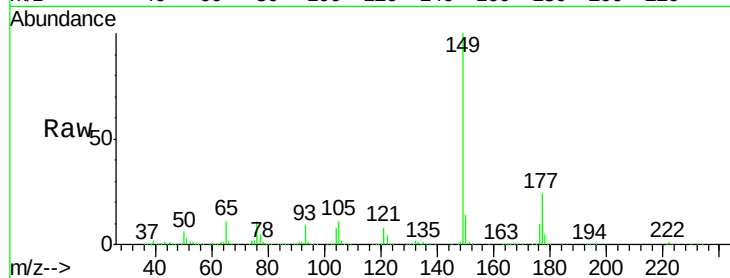
#59
Diethylphthalate
Concen: 40.54 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 2914584
Ion Ratio Lower Upper
149 100
177 24.1 17.3 25.9
150 13.9 9.8 14.8

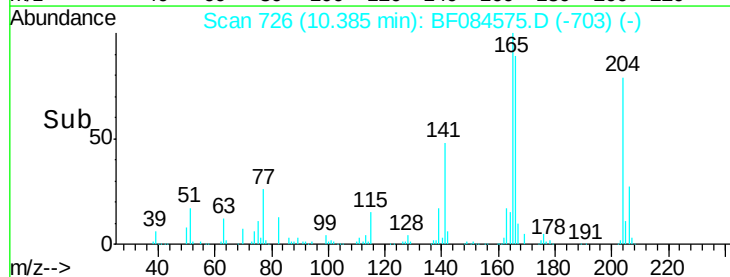
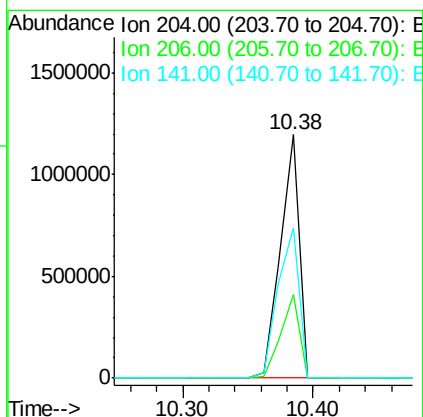
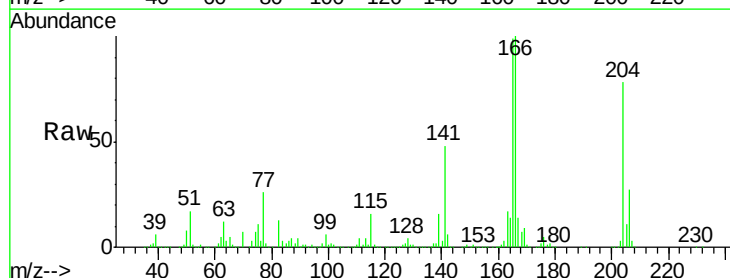
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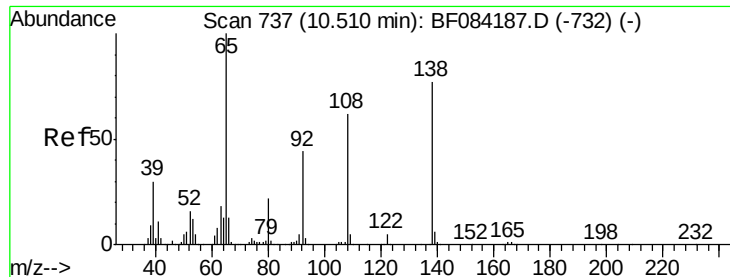
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#60
4-Chlorophenyl-phenylether
Concen: 45.75 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion:204 Resp: 1216203
Ion Ratio Lower Upper
204 100
206 34.6 25.7 38.5
141 61.7 55.1 82.7





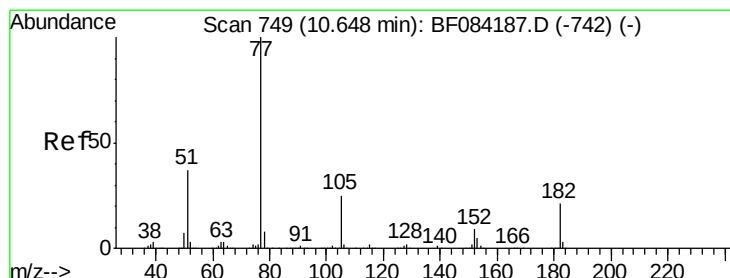
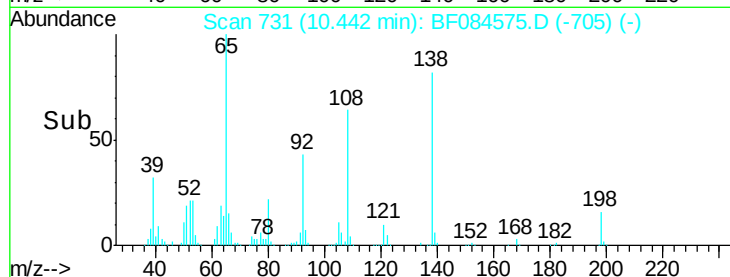
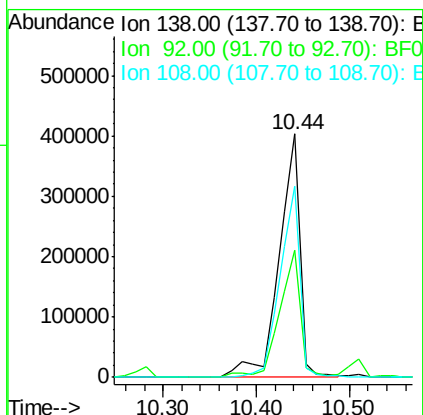
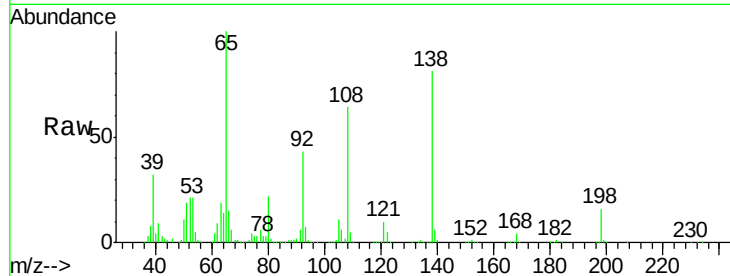
#61
4-Nitroaniline
Concen: 35.86 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 633403
Ion Ratio Lower Upper
138 100
92 52.4 32.6 72.6
108 78.5 68.6 108.6

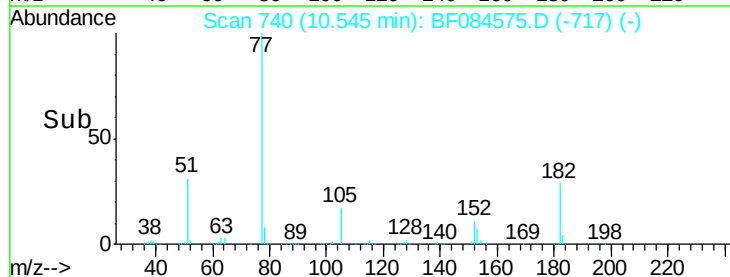
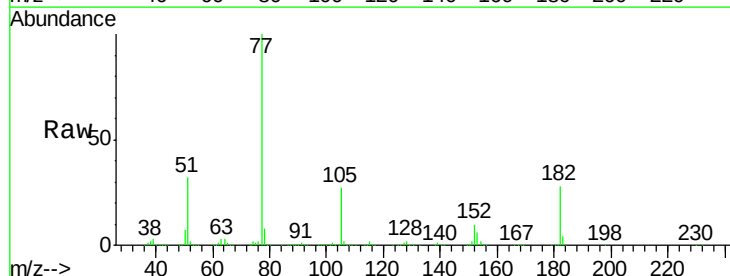
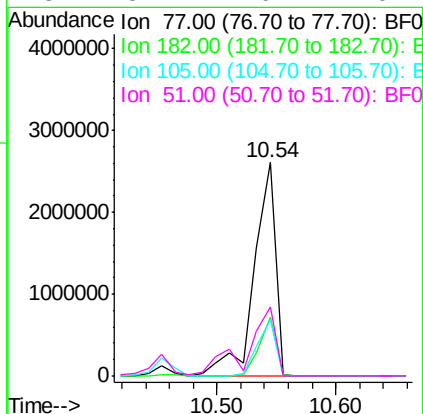
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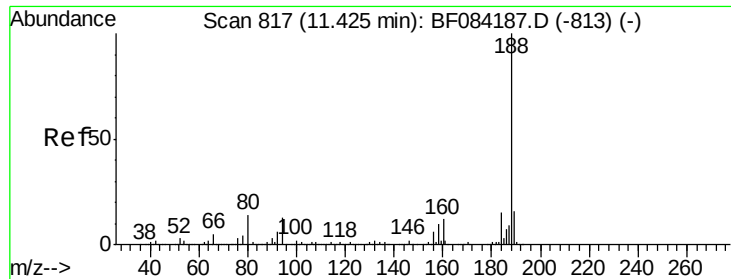
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#62
Azobenzene
Concen: 41.92 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion: 77 Resp: 3305236
Ion Ratio Lower Upper
77 100
182 27.7 8.3 48.3
105 26.6 4.6 44.6
51 32.2 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:188 Resp: 1891600

Ion Ratio Lower Upper

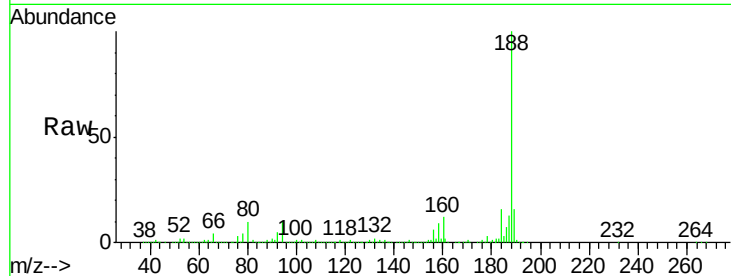
188 100

94 9.6 9.0 13.4

80 10.5 9.6 14.4

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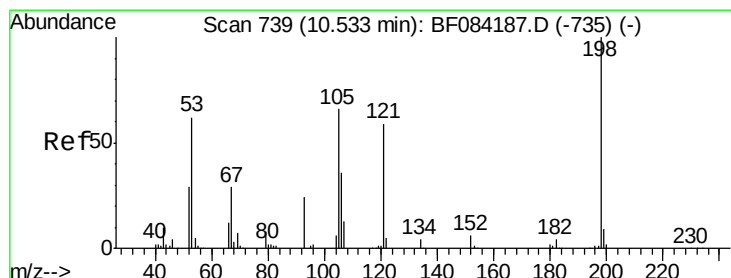
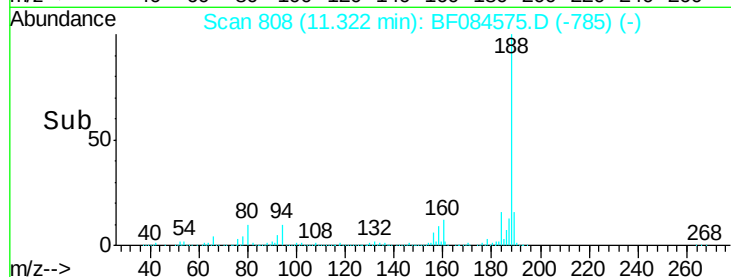
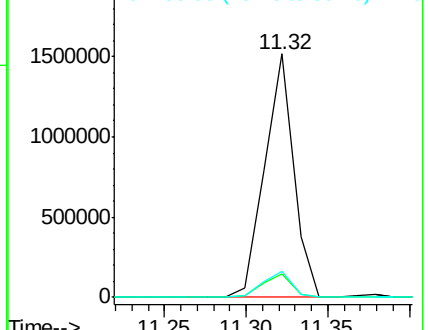
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.07 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

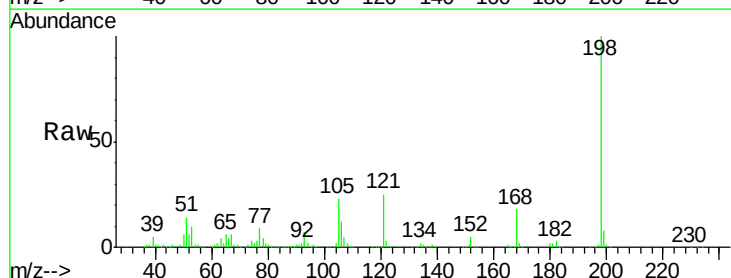
Tgt Ion:198 Resp: 581327

Ion Ratio Lower Upper

198 100

51 13.8 18.9 58.9#

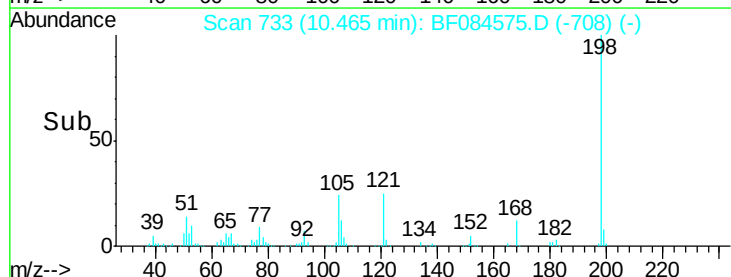
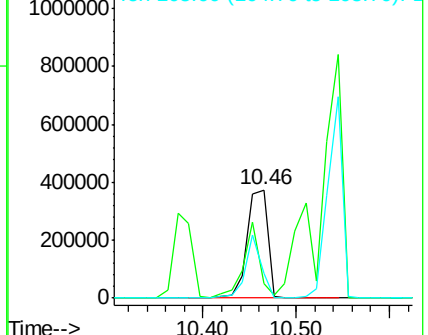
105 23.3 26.4 66.4#

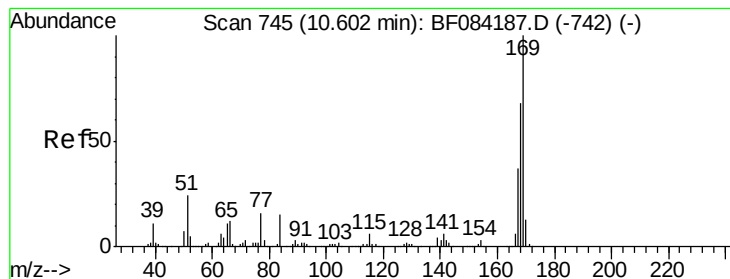


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





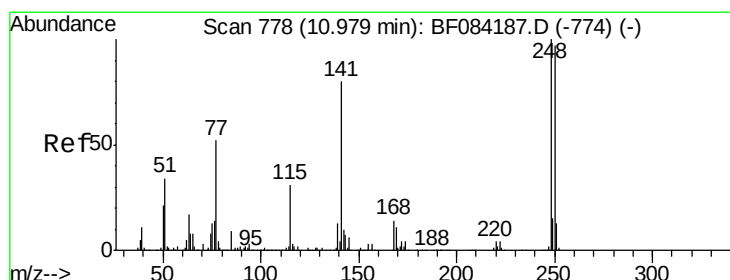
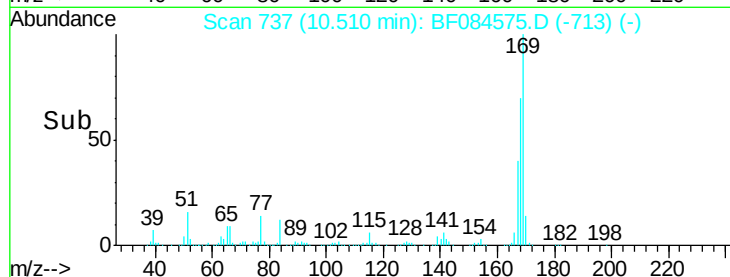
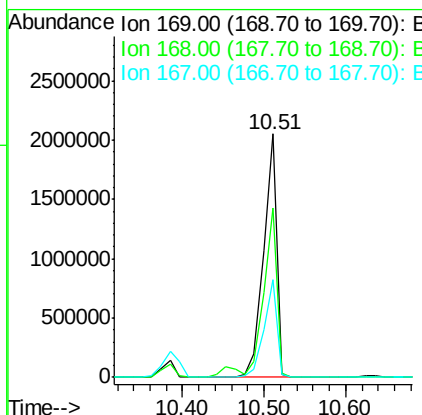
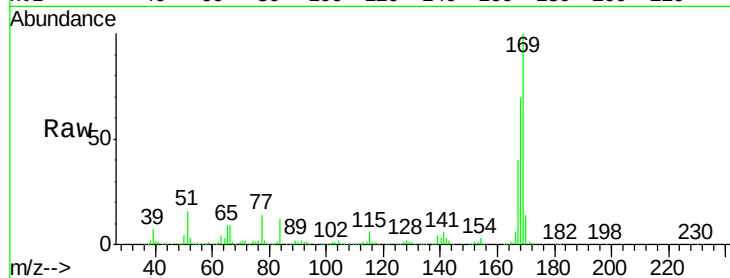
#65
 n-Nitrosodiphenylamine
 Concen: 38.53 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.02 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.1	82.7
167	40.0	30.0	45.0

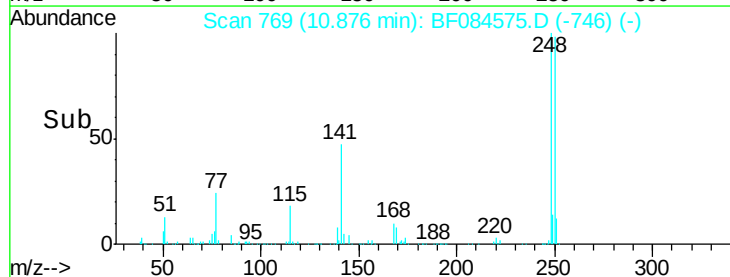
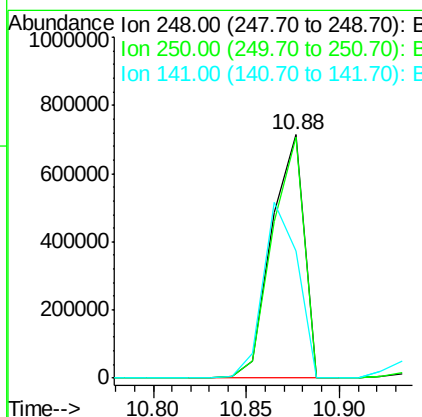
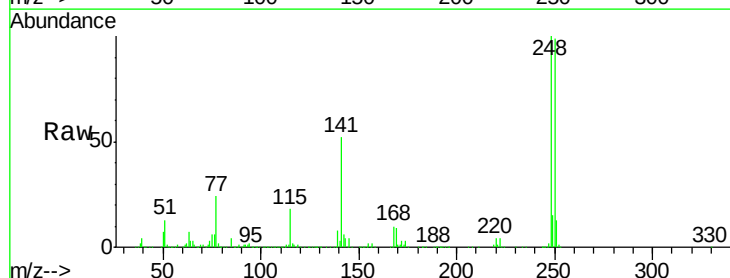
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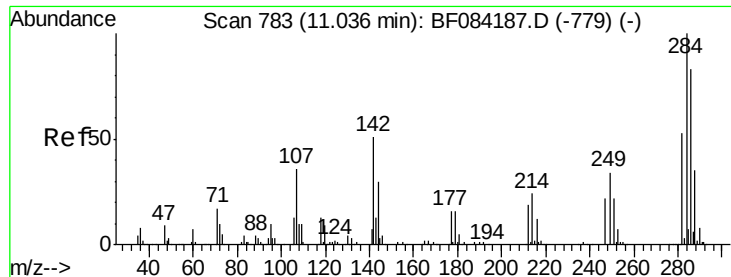
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#66
 4-Bromophenyl-phenylether
 Concen: 42.41 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.03 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.4	117.6
141	52.2	44.0	66.0





#67

Hexachlorobenzene

Concen: 35.63 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

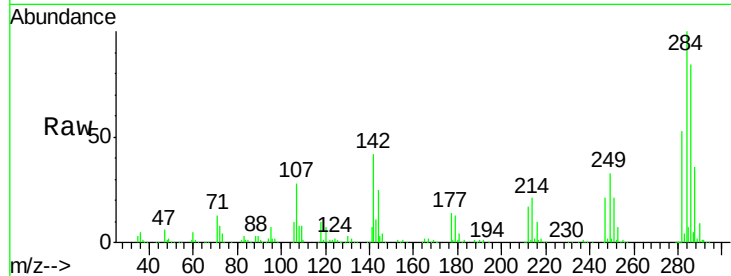
ClientSampleId :

SSTDCCC040EC

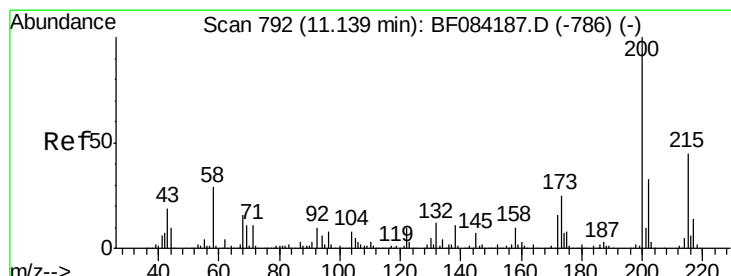
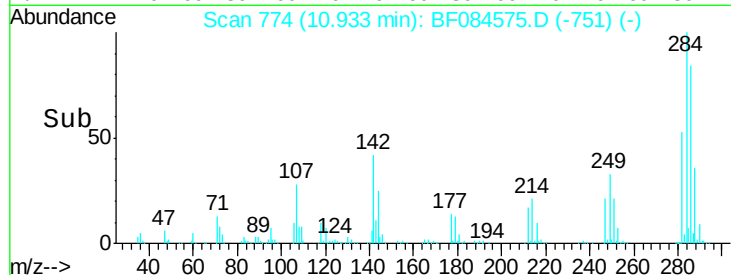
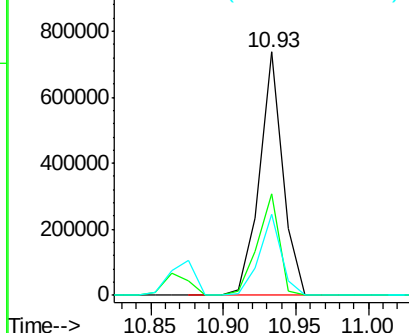
Tot Ion:	284	Resp:	816366
Ion Ratio	Lower	Upper	
284	100		
142	41.9	22.2	33.4#
249	33.2	24.6	37.0

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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: 34.85 ng

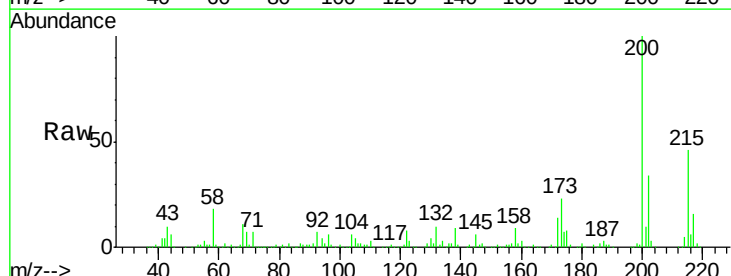
RT: 11.05 min Scan# 784

Delta R.T. -0.02 min

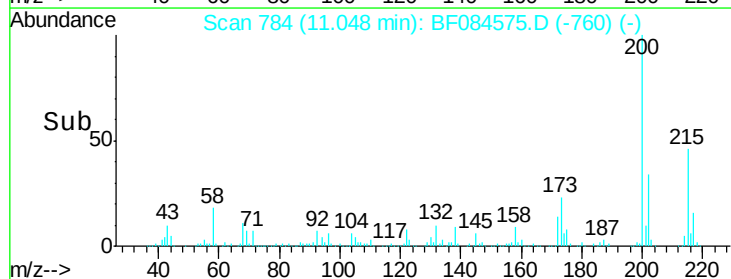
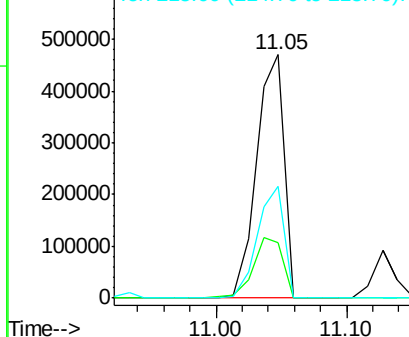
Lab File: BF084575.D

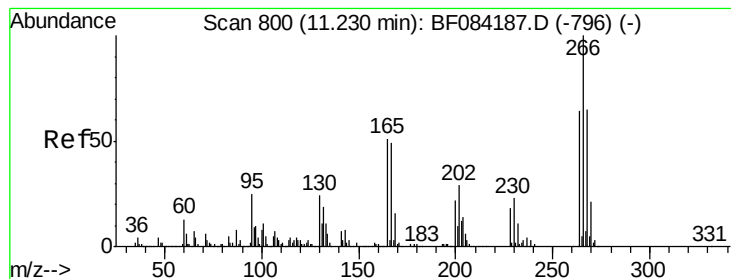
Acq: 20 Jan 2016 20:09

Tgt Ion:	200	Resp:	689776
Ion Ratio	Lower	Upper	
200	100		
173	23.0	9.5	49.5
215	46.1	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: 44.09 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

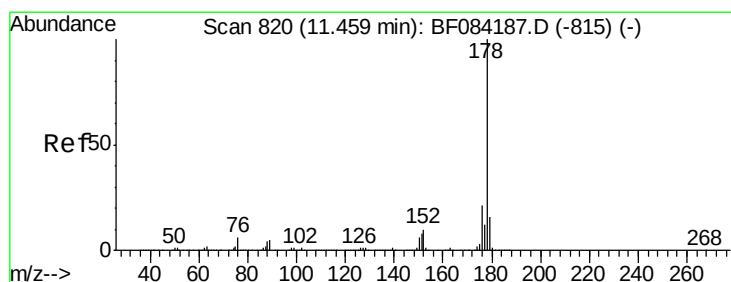
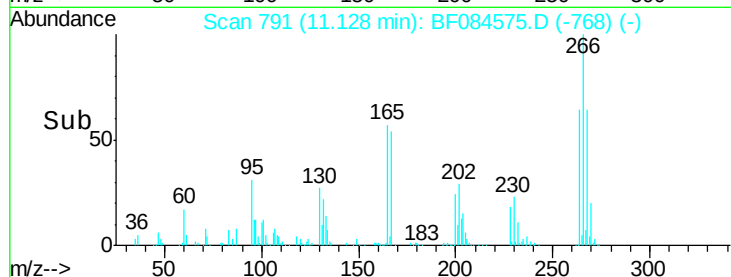
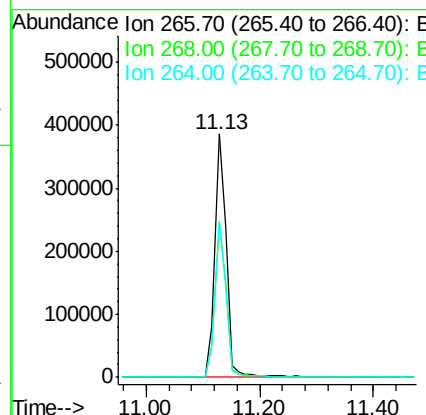
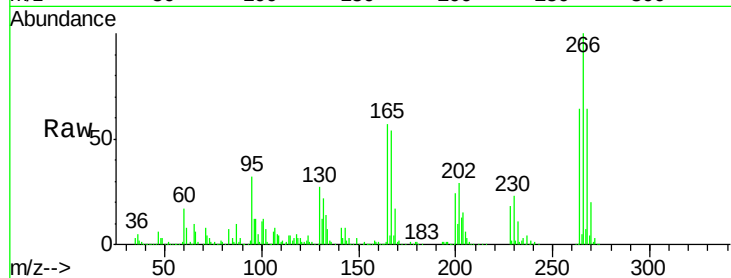
ClientSampleId :

SSTDCCC040EC

Tot Ion:	266	Resp:	523883
Ion Ratio	Lower	Upper	
266	100		
268	63.5	52.4	78.6
264	64.3	50.2	75.2

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#70

Phenanthrene

Concen: 37.45 ng

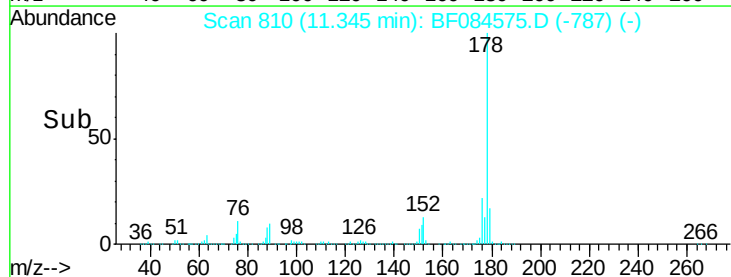
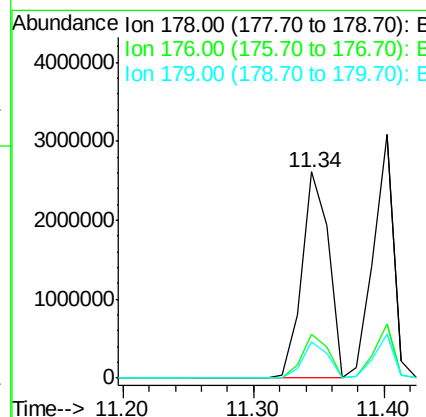
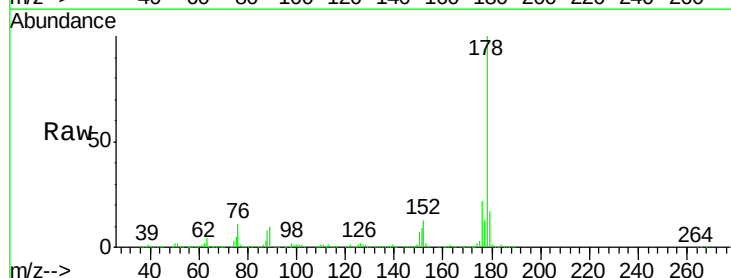
RT: 11.34 min Scan# 810

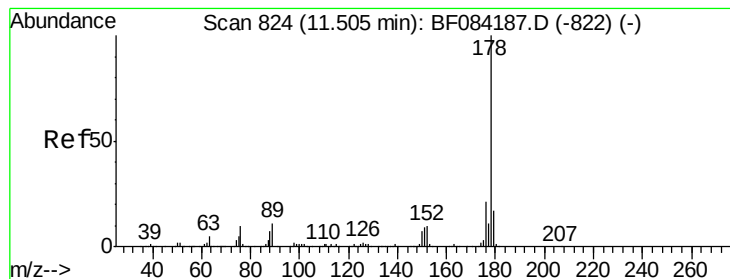
Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tgt Ion:	178	Resp:	3705599
Ion Ratio	Lower	Upper	
178	100		
176	21.6	15.3	22.9
179	17.4	12.0	18.0





#71

Anthracene

Concen: 34.46 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 3342746

Ion Ratio Lower Upper

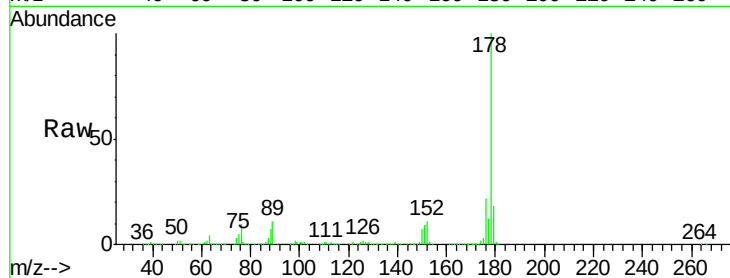
178 100

176 22.1 15.4 23.0

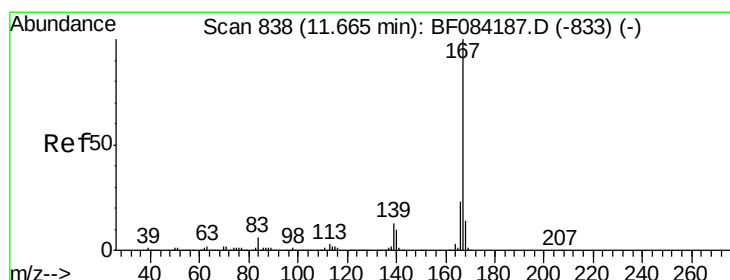
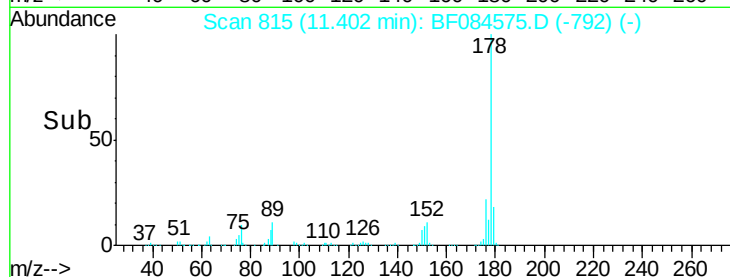
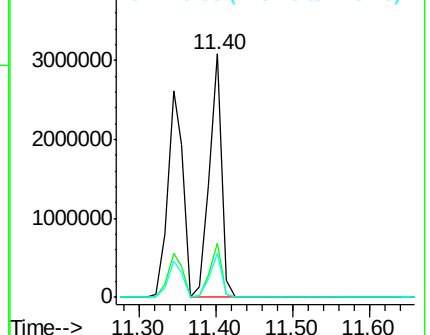
179 18.0 12.5 18.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.80 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

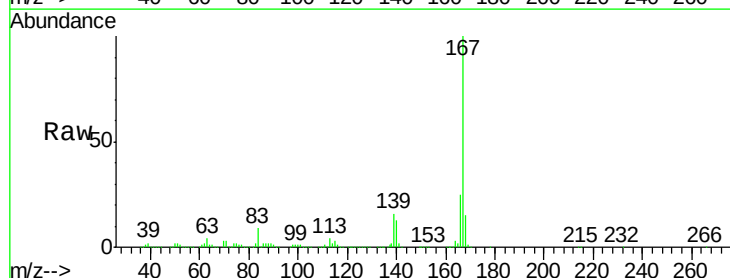
Tgt Ion:167 Resp: 3489402

Ion Ratio Lower Upper

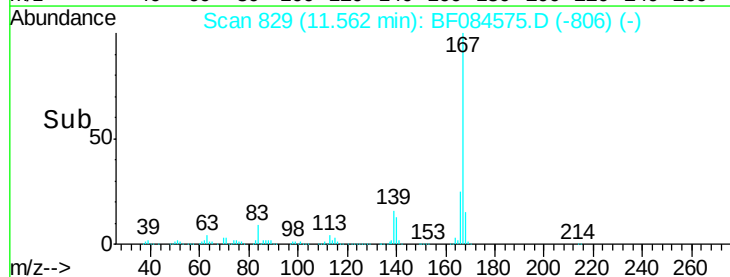
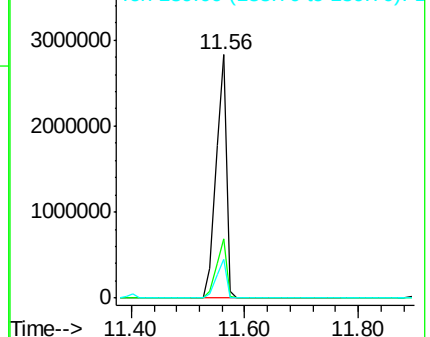
167 100

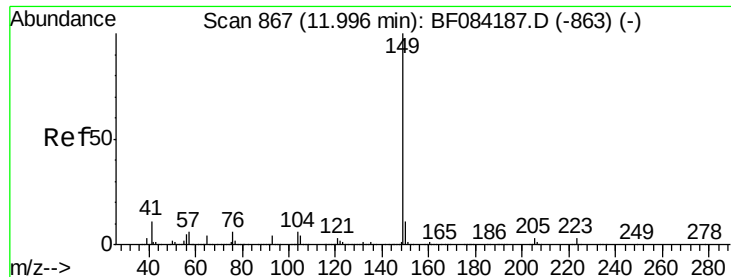
166 24.6 17.6 26.4

139 16.0 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.67 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 4044962

Ion Ratio Lower Upper

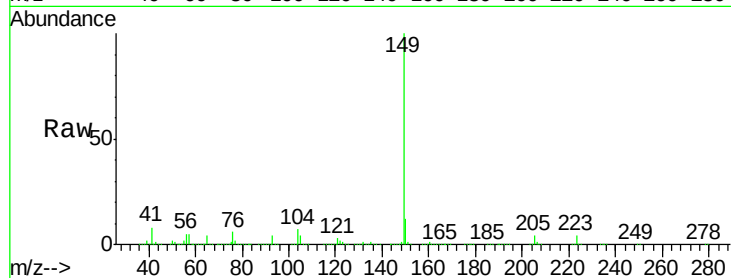
149 100

150 11.5 7.1 10.7#

104 6.5 3.2 4.8#

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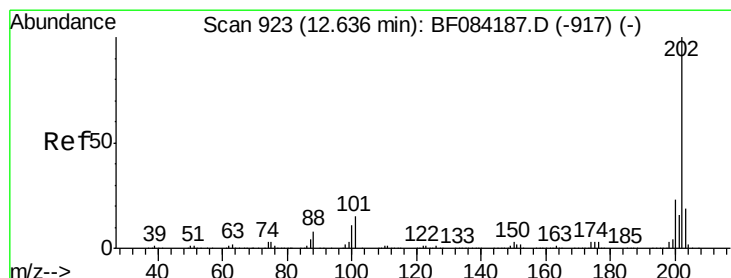
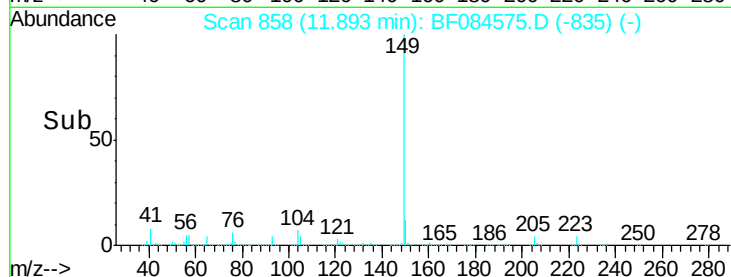
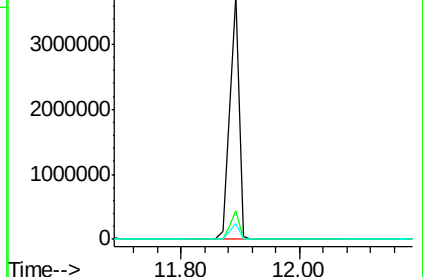
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.54 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

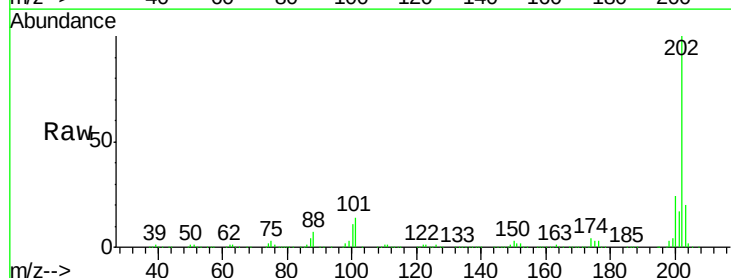
Tgt Ion:202 Resp: 3467061

Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.8

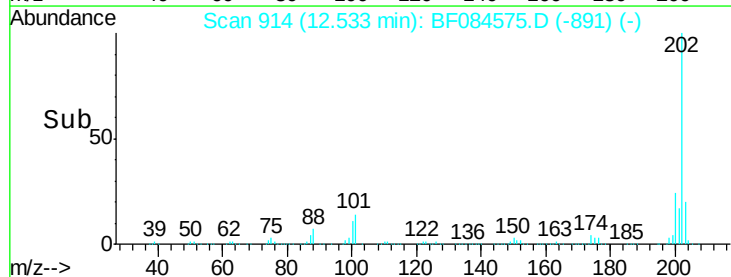
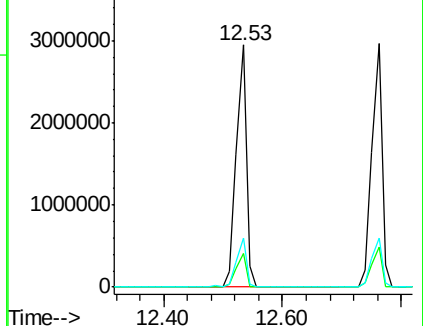
203 20.1 0.0 37.9

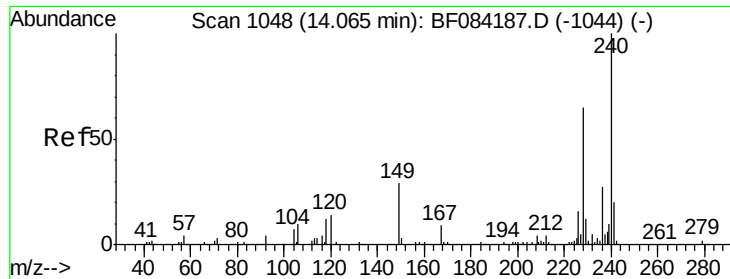


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 1282346

Ion Ratio Lower Upper

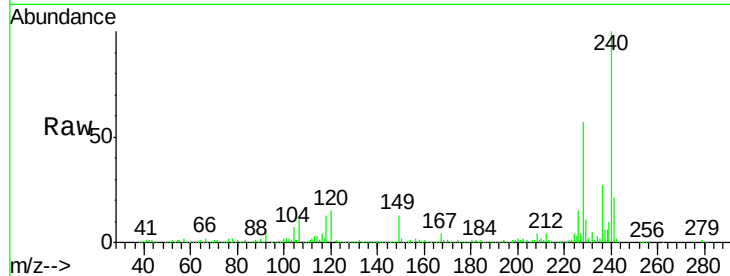
240 100

120 14.7 9.5 14.3#

236 26.8 20.6 31.0

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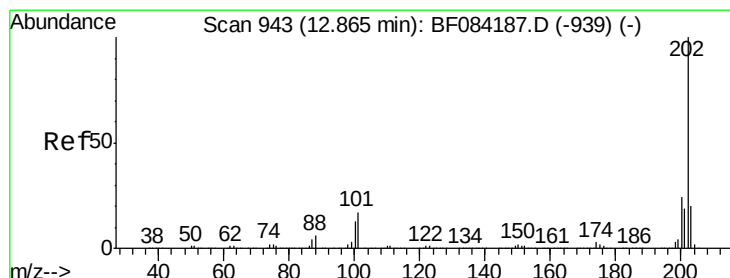
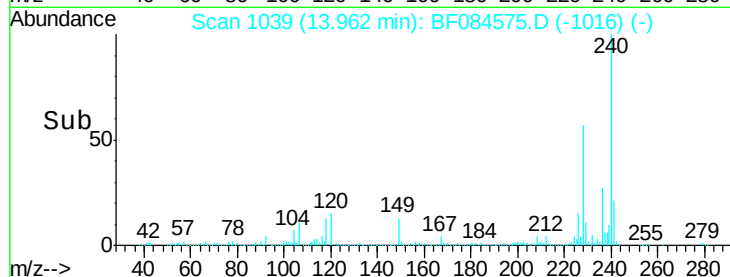
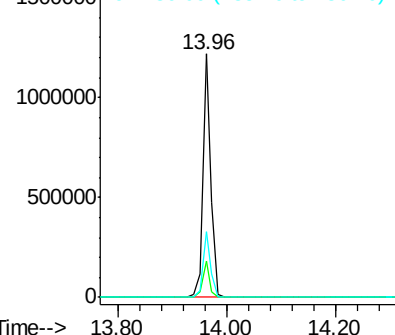
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 34.79 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

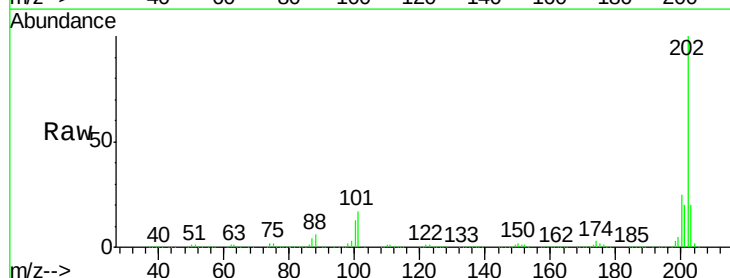
Tgt Ion:202 Resp: 3500438

Ion Ratio Lower Upper

202 100

200 24.7 17.2 25.8

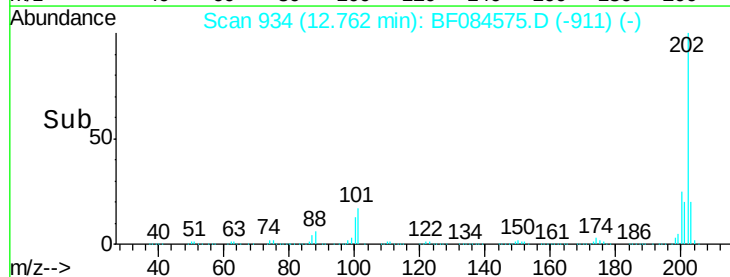
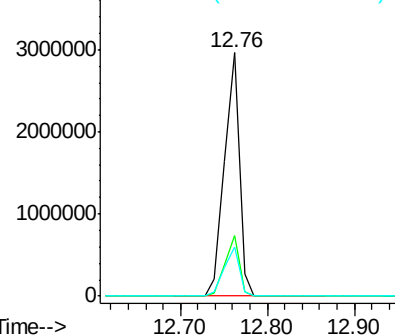
203 20.3 14.3 21.5

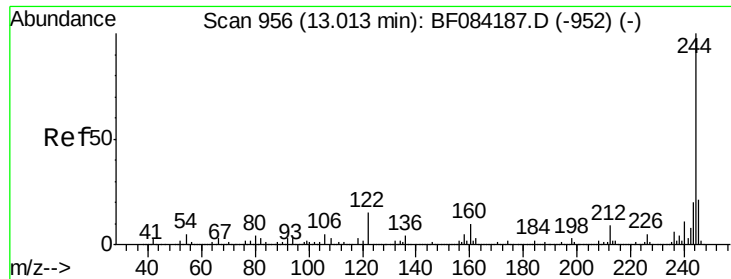


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





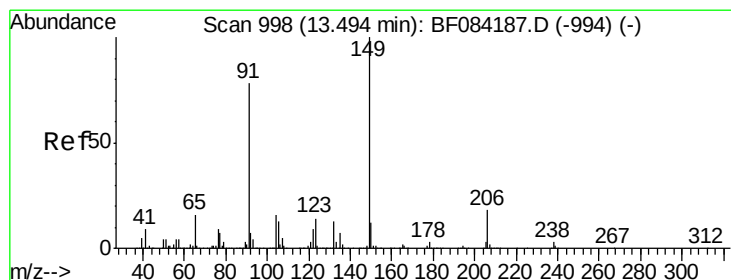
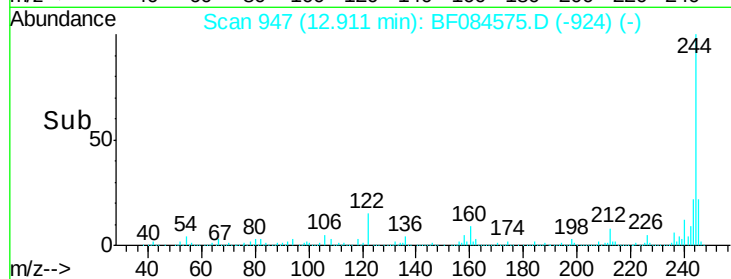
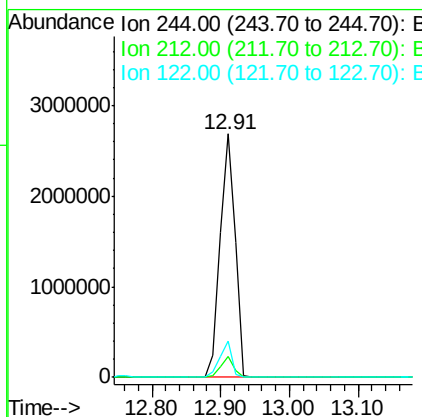
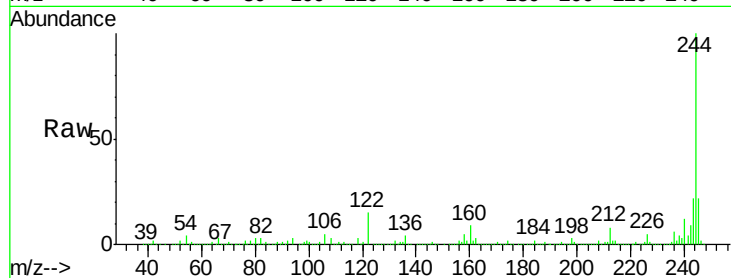
#78
 Terphenyl-d14
 Concen: 72.39 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:244 Resp: 4158533
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.7 8.5
 122 14.8 7.4 11.0#

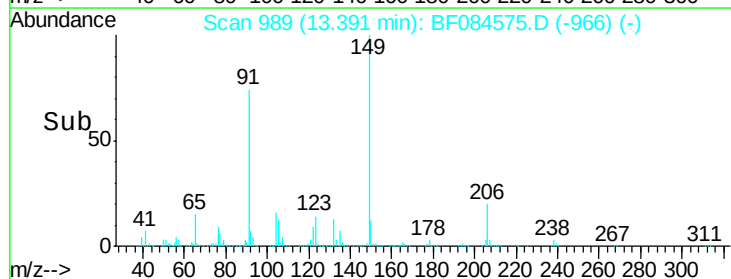
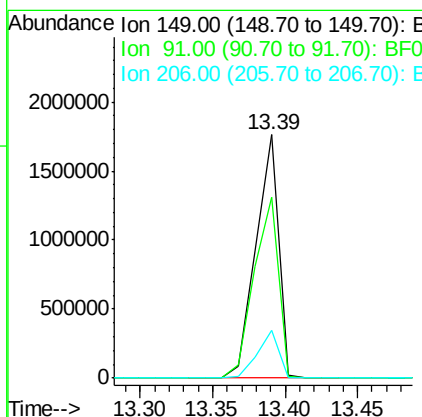
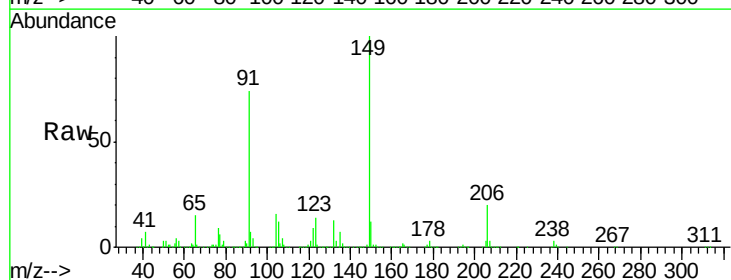
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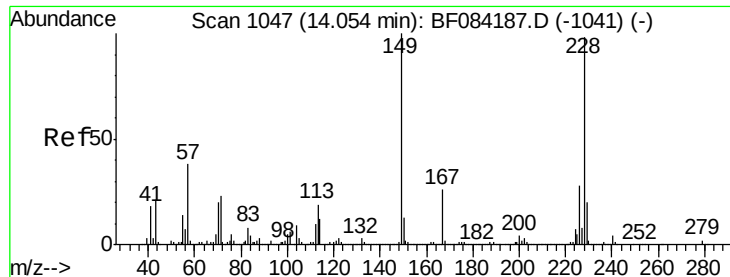
mohammad
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#79
 Butylbenzylphthalate
 Concen: 44.04 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Tgt Ion:149 Resp: 1917784
 Ion Ratio Lower Upper
 149 100
 91 74.1 57.6 86.4
 206 19.9 13.2 19.8#





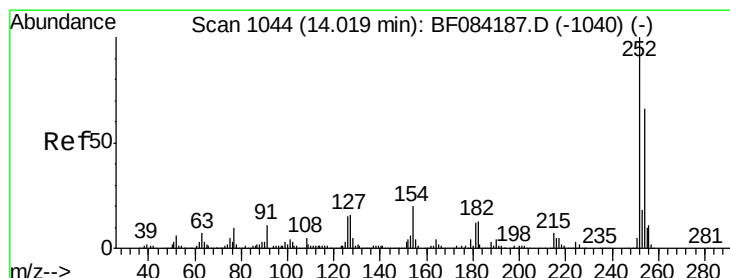
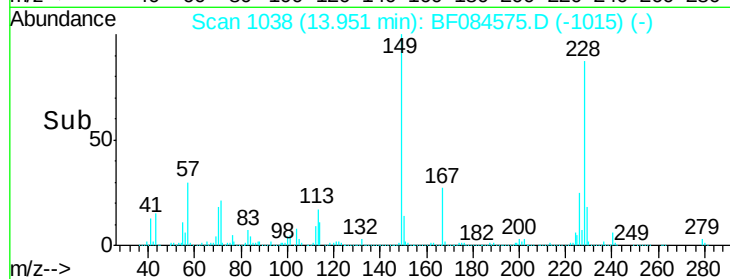
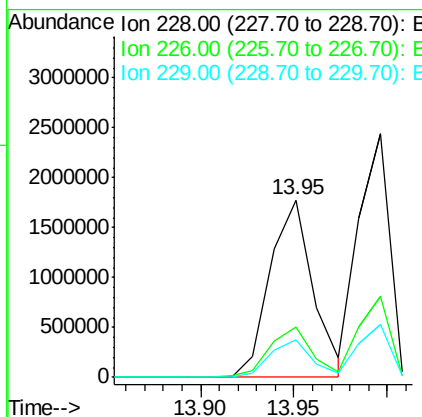
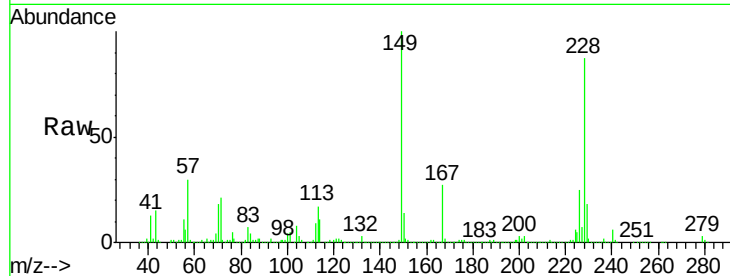
#80
Benzo(a)anthracene
Concen: 38.03 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.6
229	20.9	15.8	23.8

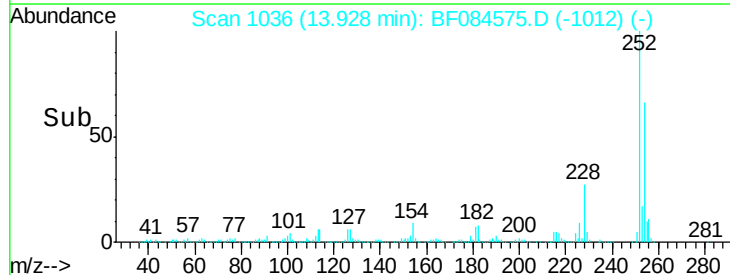
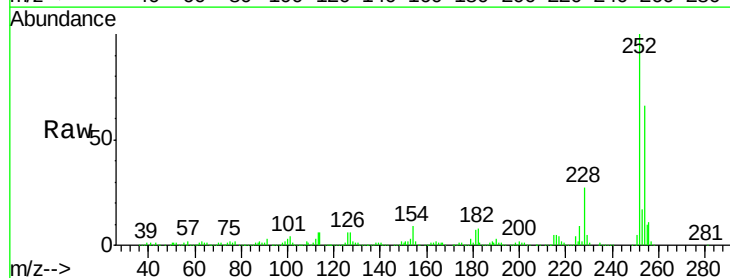
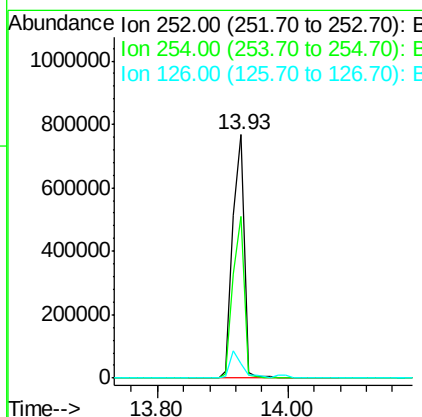
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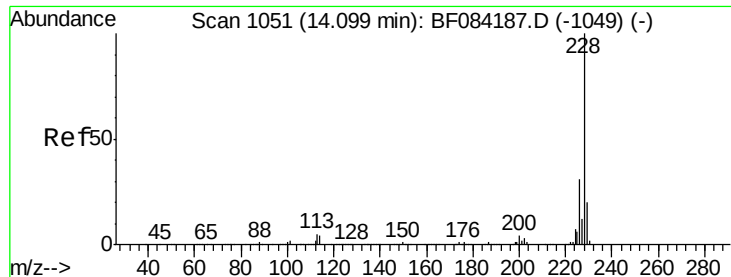
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 35.14 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	53.5	80.3
126	5.8	4.9	7.3





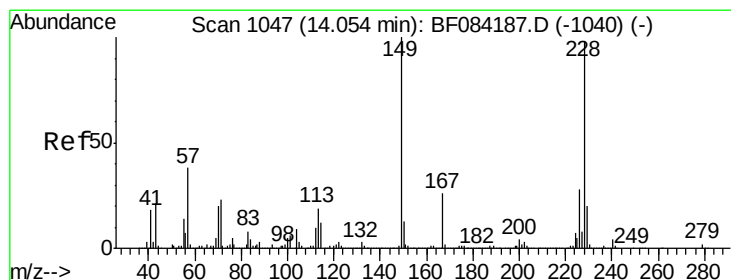
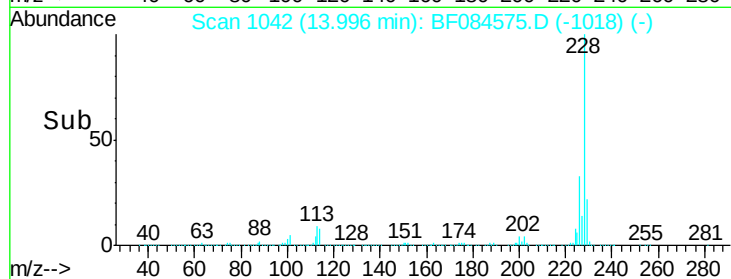
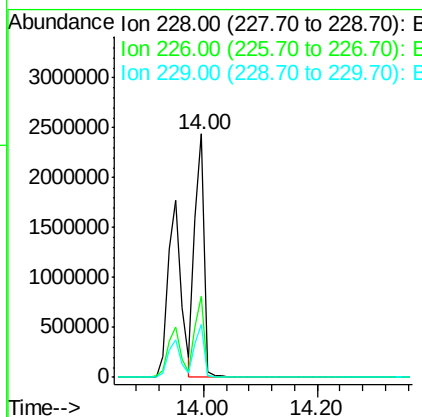
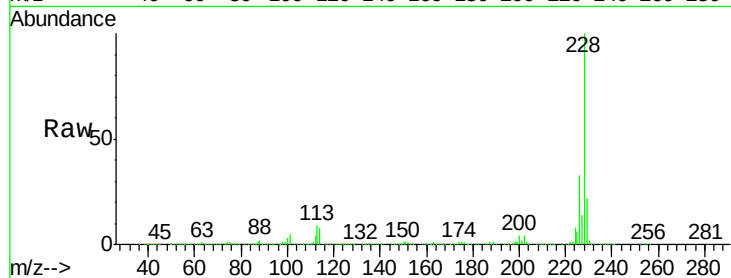
#82
 Chrysene
 Concen: 39.32 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:228 Resp: 2845337
 Ion Ratio Lower Upper
 228 100
 226 33.2 24.3 36.5
 229 21.7 16.1 24.1

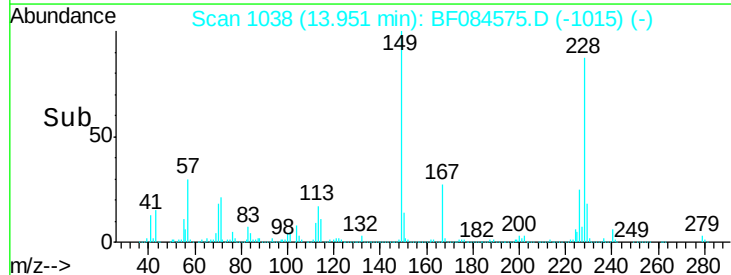
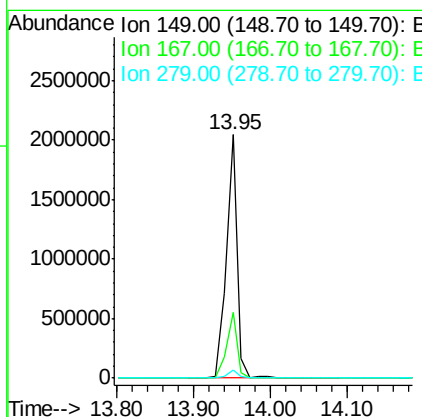
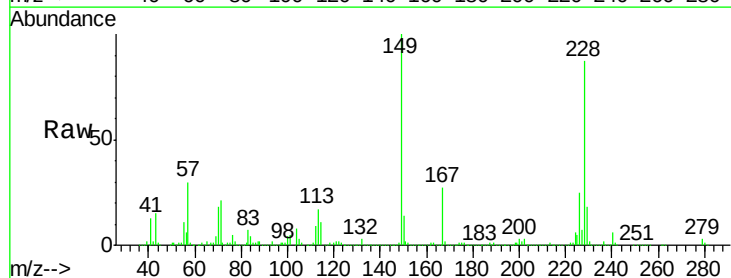
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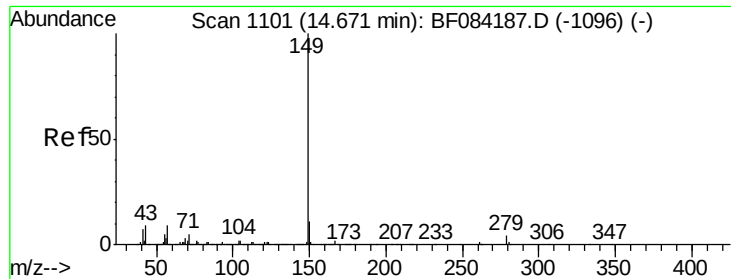
mohammad
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.04 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF084575.D
 Acq: 20 Jan 2016 20:09

Tgt Ion:149 Resp: 2037972
 Ion Ratio Lower Upper
 149 100
 167 27.2 19.7 29.5
 279 3.2 1.8 2.6#





#84

Di-n-octyl phthalate

Concen: 39.80 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Instrument :

BNA_F

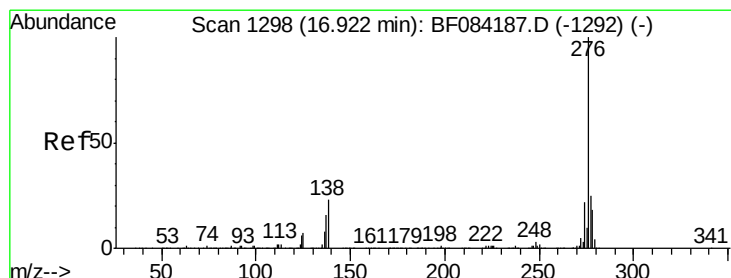
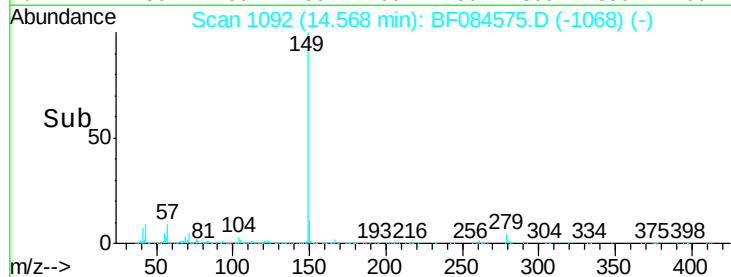
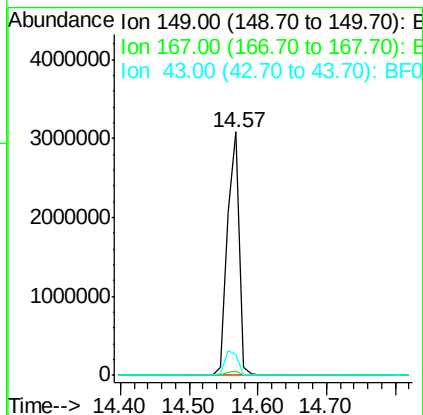
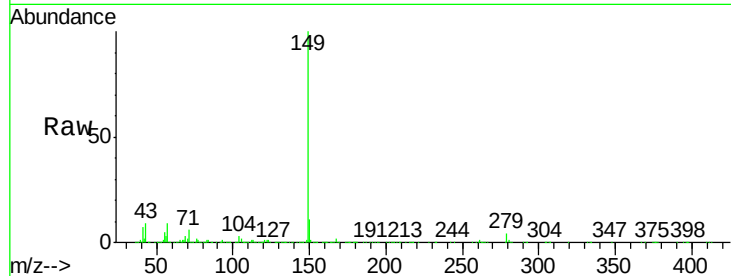
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	3696204
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.8	5.6	8.4#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 50.62 ng

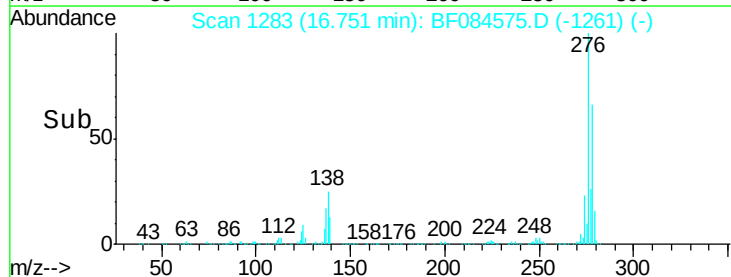
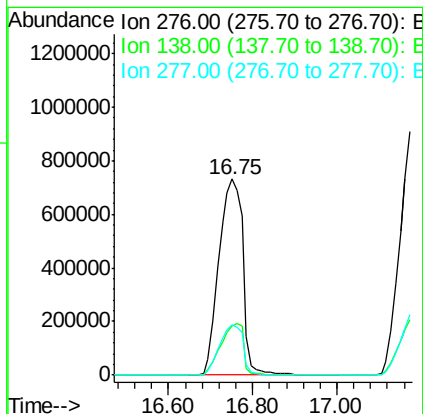
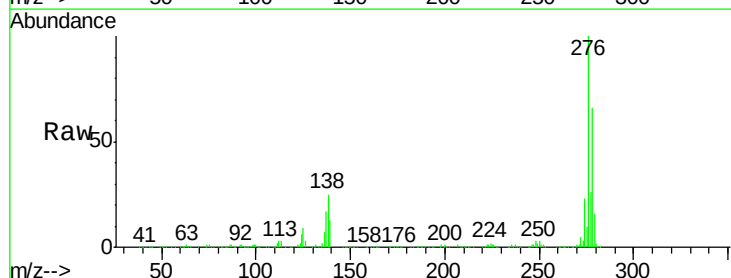
RT: 16.75 min Scan# 1283

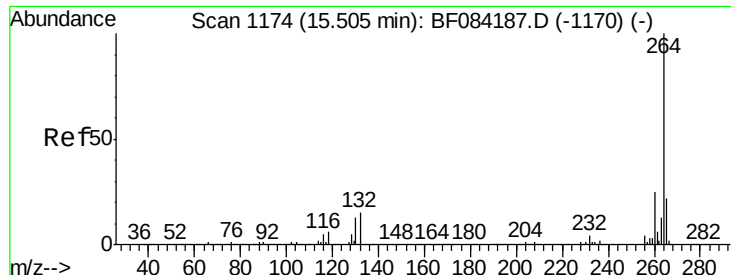
Delta R.T. -0.05 min

Lab File: BF084575.D

Acq: 20 Jan 2016 20:09

Tgt Ion:	276	Resp:	2903300
Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.6	30.8
277	25.1	20.1	30.1





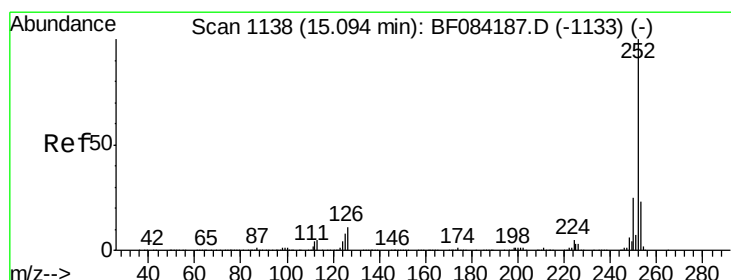
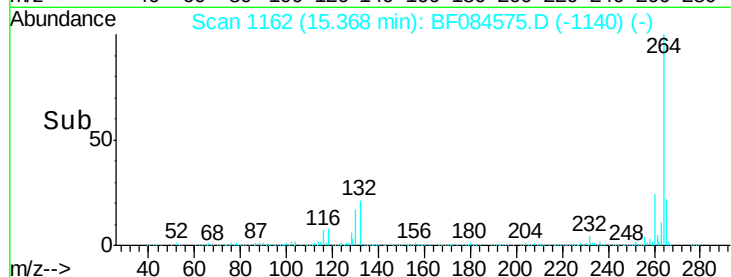
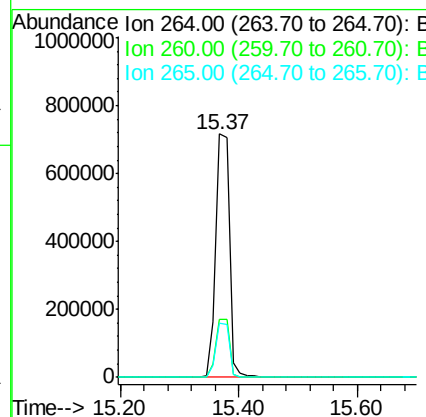
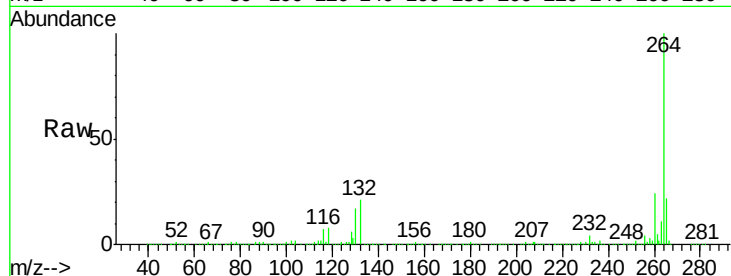
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.4	17.8	26.6

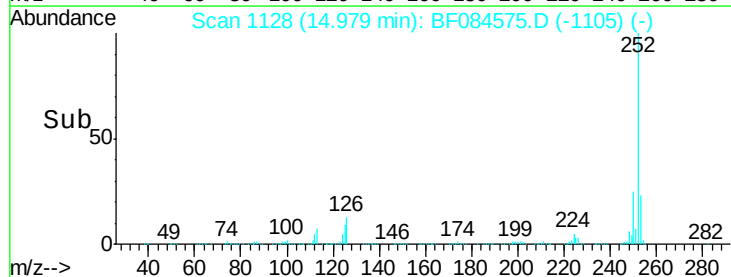
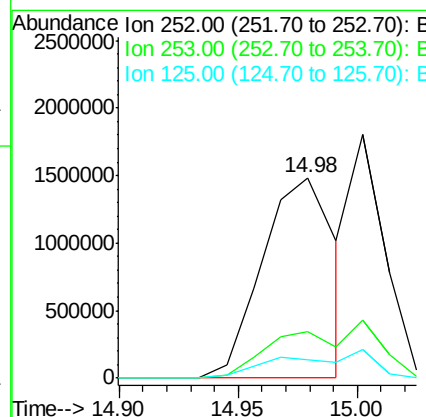
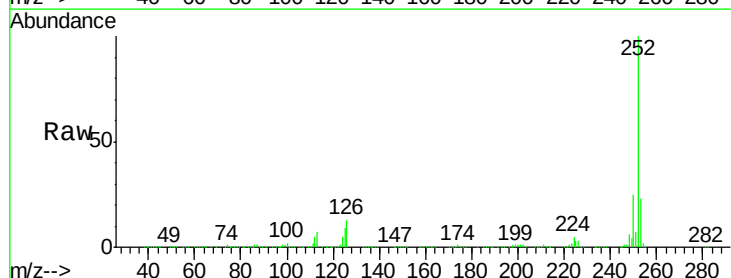
Manual Integrations
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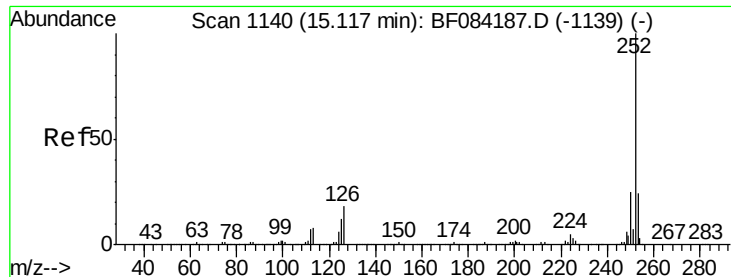
mohammad
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#87
Benzo(b)fluoranthene
Concen: 42.07 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	9.3	6.5	9.7





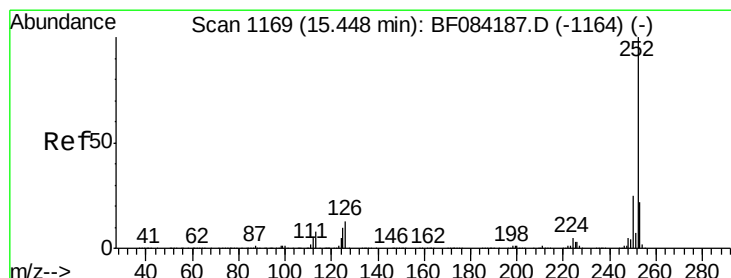
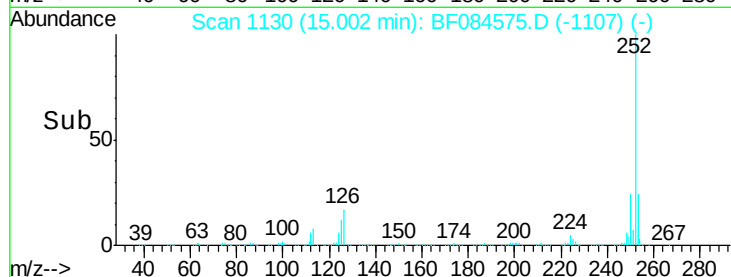
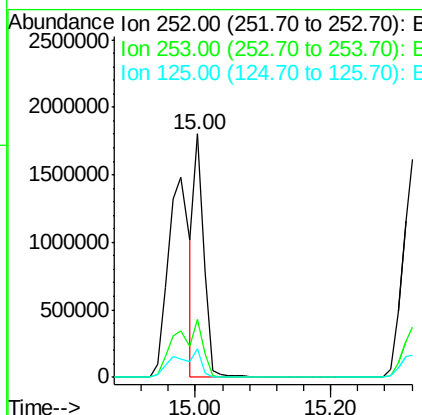
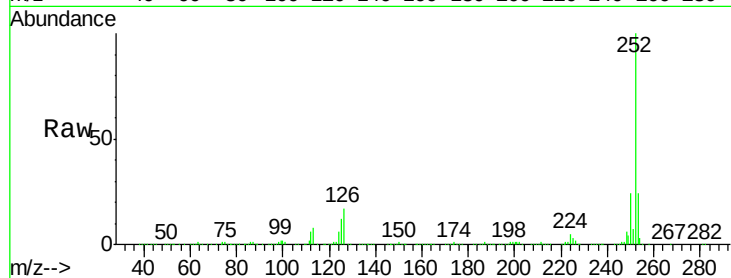
#88
Benzo(k)fluoranthene
Concen: 30.76 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	11.6	9.0	13.6

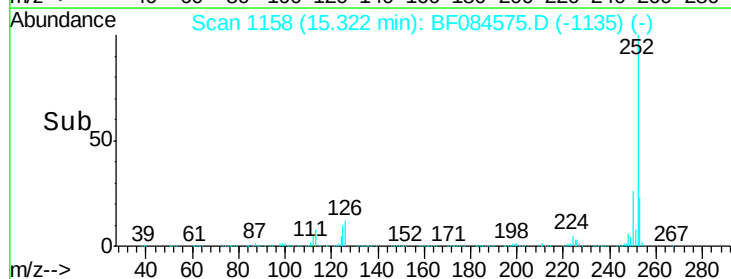
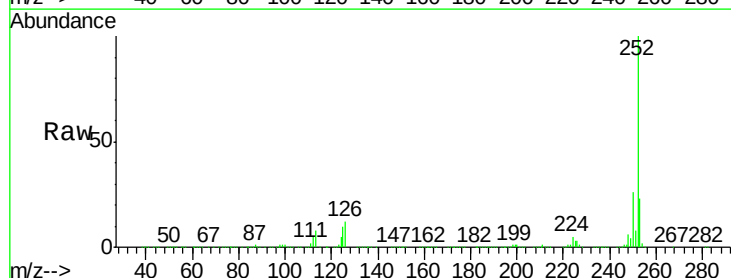
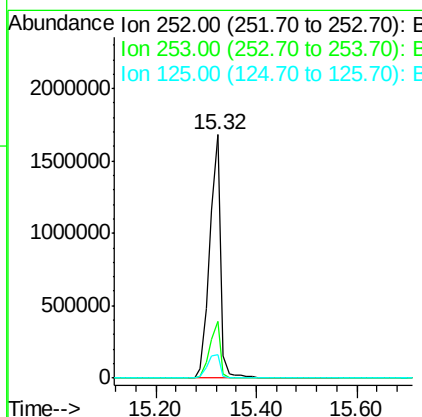
Manual Integrations
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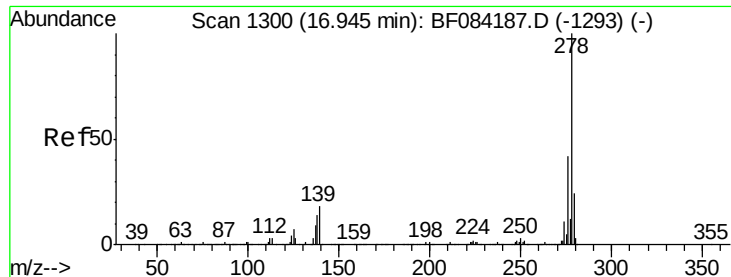
mohammad
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#89
Benzo(a)pyrene
Concen: 39.31 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	9.9	7.0	10.4





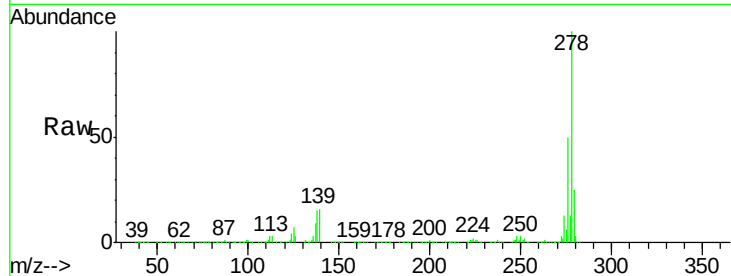
#90
Dibenzo(a,h)anthracene
Concen: 41.76 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.0	22.4
279	24.7	18.9	28.3

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1/21/2016 12:20:07 PM

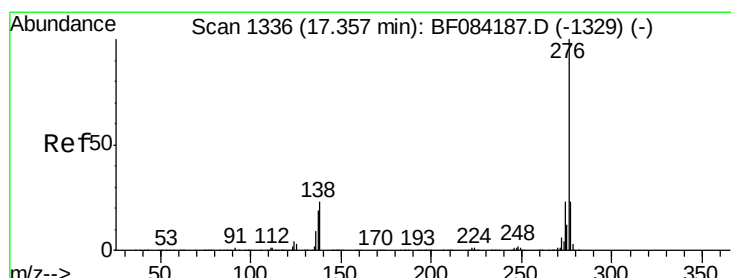
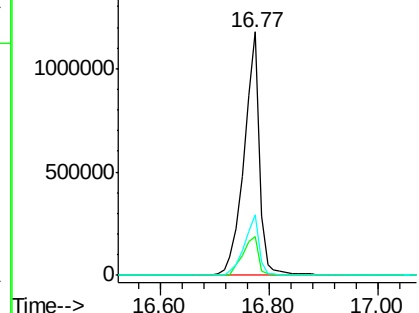
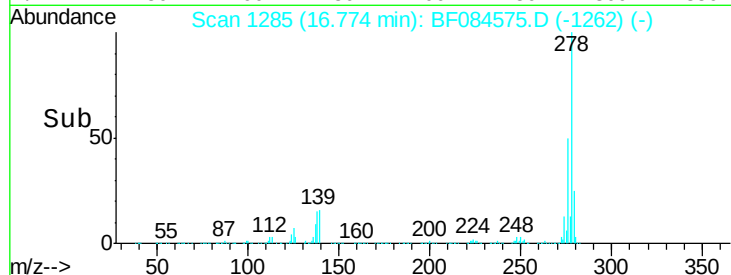


Abundance

Ion 278.00 (277.70 to 278.70): E

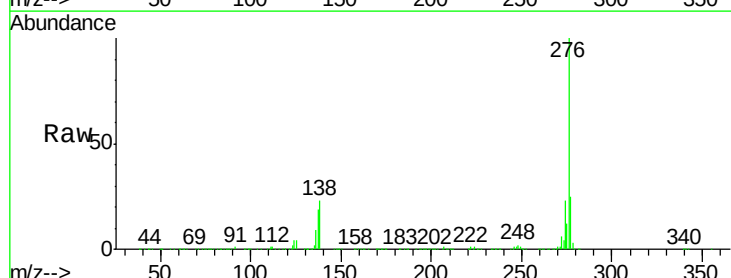
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 44.07 ng
RT: 17.17 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF084575.D
Acq: 20 Jan 2016 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	23.0	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

