

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077303.D
 Acq On : 13 Feb 2015 2:20
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:40:50 PM

Quant Time: Feb 13 06:16:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	26725	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	111214	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	58630	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	100930	20.00	ng	0.00
75) Chrysene-d12	20.96	240	99271	20.00	ng	0.00
86) Perylene-d12	22.59	264	92691	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	4.50	112	130360	76.53	ng	0.01
7) Phenol-d6	6.93	99	168429	79.63	ng	0.00
23) Nitrobenzene-d5	8.81	82	176988	90.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	39869	83.39	ng	-0.01
44) 2-Fluorobiphenyl	13.07	172	340104	87.31	ng	0.00
78) Terphenyl-d14	19.70	244	377404	85.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	0.99	88	28740	44.57	ng	91
3) Pyridine	1.40	79	75774	44.34	ng	99
4) n-Nitrosodimethylamine	1.38	42	32568	35.01	ng	99
6) Aniline	6.78	93	120062	42.91	ng	98
8) 2-Chlorophenol	7.04	128	77970	40.20	ng	93
9) Benzaldehyde	6.50	77	44600	34.25	ng	97
10) Phenol	6.96	94	85793m	39.46	ng	
11) bis(2-Chloroethyl)ether	7.05	93	73957	42.68	ng	97
12) 1,3-Dichlorobenzene	7.33	146	89658	41.82	ng	98
13) 1,4-Dichlorobenzene	7.54	146	93436	42.27	ng	94
14) 1,2-Dichlorobenzene	7.85	146	86560	41.33	ng	100
15) Benzyl Alcohol	7.96	79	71393	42.61	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	96537	39.76	ng	98
17) 2-Methylphenol	8.32	107	63767	42.51	ng	# 89
18) Hexachloroethane	8.59	117	34235	42.64	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	59588	40.06	ng	99
20) 3+4-Methylphenols	8.70	107	75282m	38.94	ng	
22) Acetophenone	8.51	105	115159	43.11	ng	99
24) Nitrobenzene	8.85	77	84785	43.92	ng	98
25) Isophorone	9.46	82	155739	44.38	ng	96
26) 2-Nitrophenol	9.60	139	40144	42.03	ng	93
27) 2,4-Dimethylphenol	9.89	122	67487	42.79	ng	95
28) bis(2-Chloroethoxy)methane	10.09	93	88007	41.19	ng	99
29) 2,4-Dichlorophenol	10.21	162	61293m	42.53	ng	
30) 1,2,4-Trichlorobenzene	10.33	180	73299	44.98	ng	98
31) Naphthalene	10.45	128	244413	44.53	ng	99
32) Benzoic acid	10.33	122	7134	32.91	ng	# 84
33) 4-Chloroaniline	10.73	127	97557m	44.06	ng	
34) Hexachlorobutadiene	10.83	225	41490	44.82	ng	97
35) Caprolactam	11.60	113	17980	41.18	ng	# 72
36) 4-Chloro-3-methylphenol	12.04	107	70014	43.42	ng	99
37) 2-Methylnaphthalene	12.11	142	174055	42.30	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	60328	40.89	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	25185	39.30	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	42894	44.21	nq	96
43) 2,4,5-Trichlorophenol	12.98	196	40636m	42.72	nq	
45) 1,1'-Biphenyl	13.27	154	194590	43.07	nq	99
46) 2-Chloronaphthalene	13.23	162	158531	43.94	nq	97
47) 2-Nitroaniline	13.60	65	48199	45.72	nq	96
48) Acenaphthylene	14.18	152	264715	46.50	nq	99
49) Dimethylphthalate	14.16	163	181124	42.72	nq	99
50) 2,6-Dinitrotoluene	14.25	165	35695	43.54	nq	92
51) Acenaphthene	14.60	154	149727	45.41	nq	97
52) 3-Nitroaniline	14.59	138	40895	40.78	nq	97
53) 2,4-Dinitrophenol	14.91	184	6546	36.51	nq	# 58
54) Dibenzofuran	15.03	168	216217	42.41	nq	98
55) 4-Nitrophenol	15.25	139	16768	34.36	nq	# 84
56) 2,4-Dinitrotoluene	15.19	165	51389	43.86	nq	# 92
57) Fluorene	15.80	166	183400	43.94	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	30194	47.05	nq	# 100
59) Diethylphthalate	15.83	149	191619	43.40	nq	99
60) 4-Chlorophenyl-phenylether	15.91	204	74804	43.11	nq	94
61) 4-Nitroaniline	15.99	138	42171	45.10	nq	95
62) Azobenzene	16.21	77	180420m	42.84	nq	
64) 4,6-Dinitro-2-methylphenol	16.07	198	22185	39.35	nq	97
65) n-Nitrosodiphenylamine	16.17	169	150495	41.80	nq	97
66) 4-Bromophenyl-phenylether	16.80	248	42658	40.44	nq	97
67) Hexachlorobenzene	16.81	284	44435	41.37	nq	93
68) Atrazine	17.20	200	47348	41.52	nq	95
69) Pentachlorophenol	17.20	266	12677m	43.19	nq	
70) Phenanthrene	17.47	178	263798	43.33	nq	99
71) Anthracene	17.55	178	256200	41.95	nq	99
72) Carbazole	17.85	167	251602	43.13	nq	98
73) Di-n-butylphthalate	18.45	149	324474	43.70	nq	100
74) Fluoranthene	19.13	202	276405	44.08	nq	98
76) Benzidine	19.38	184	99179	24.65	nq	99
77) Pyrene	19.41	202	292127	44.12	nq	100
79) Butylbenzylphthalate	20.36	149	145999	43.55	nq	97
80) Benzo(a)anthracene	20.95	228	272585	44.61	nq	99
81) 3,3'-Dichlorobenzidine	20.96	252	87207	40.70	nq	98
82) Chrysene	20.98	228	245272	44.30	nq	97
83) Bis(2-ethylhexyl)phthalate	21.11	149	215933	43.29	nq	97
84) Di-n-octyl phthalate	21.87	149	393313	45.85	nq	99
85) Indeno(1,2,3-cd)pyrene	23.67	276	292861m	54.40	nq	
87) Benzo(b)fluoranthene	22.18	252	316595	47.96	nq	98
88) Benzo(k)fluoranthene	22.21	252	197944m	39.70	nq	
89) Benzo(a)pyrene	22.52	252	240885	43.83	nq	98
90) Dibenzo(a,h)anthracene	23.69	278	231065m	47.34	nq	
91) Benzo(g,h,i)perylene	23.92	276	229826m	47.59	nq	

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

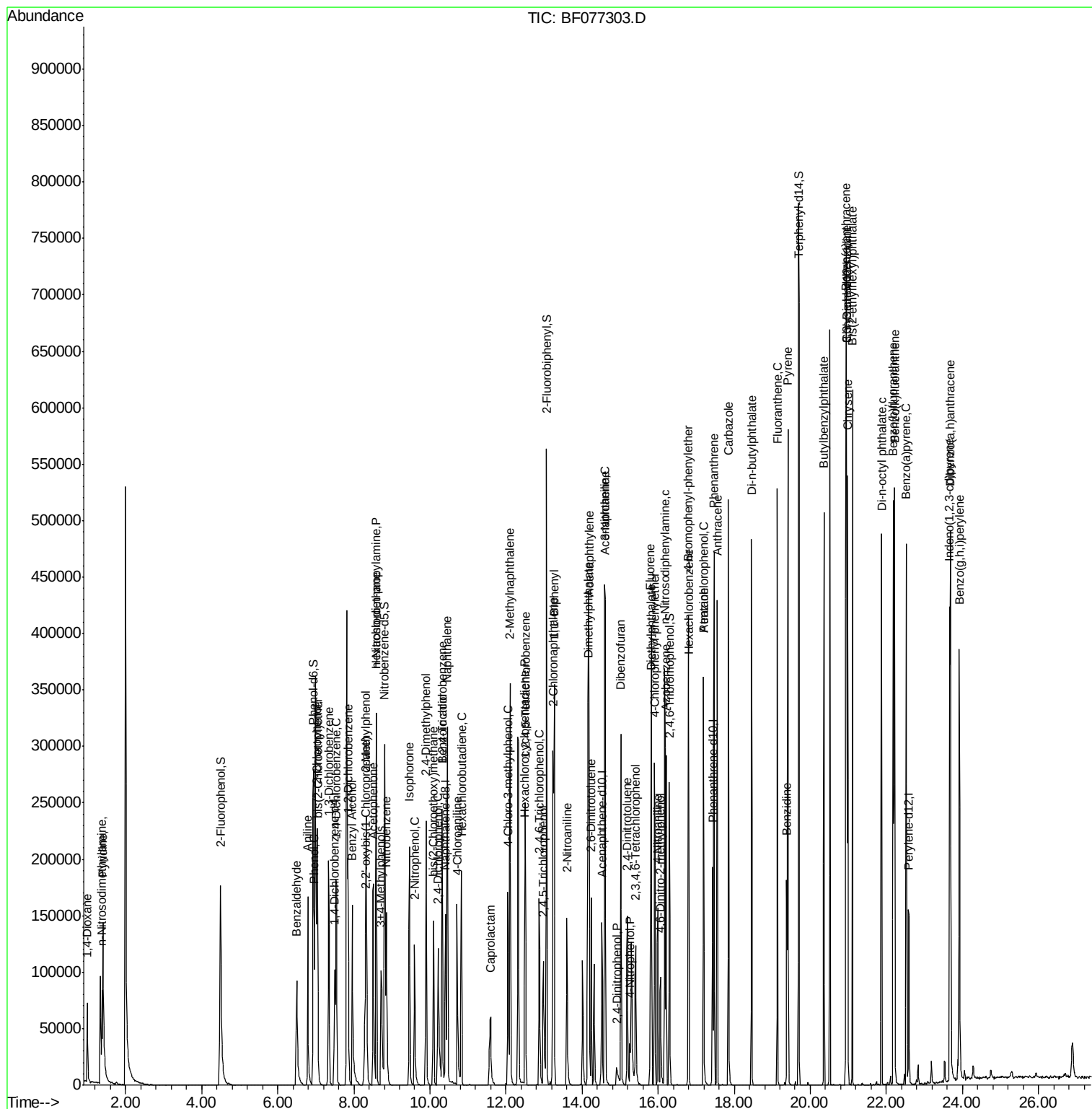
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Misc :
ALS Vial : 9 Sample Multiplier: 1

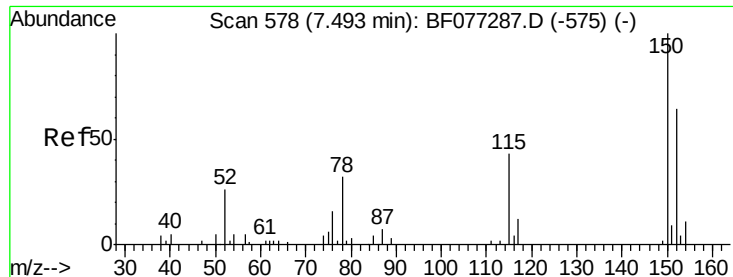
Instrument :
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#1

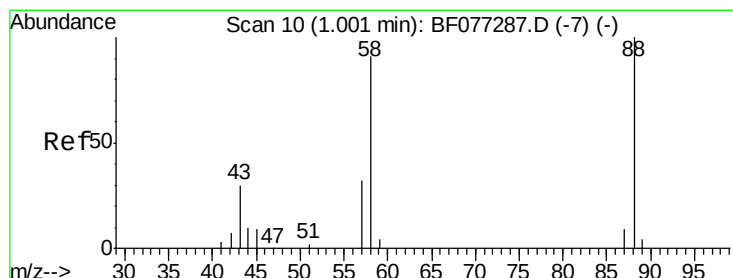
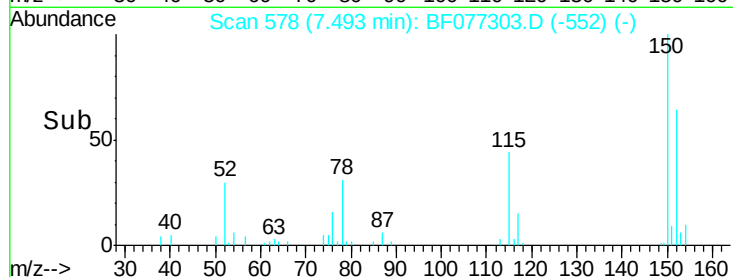
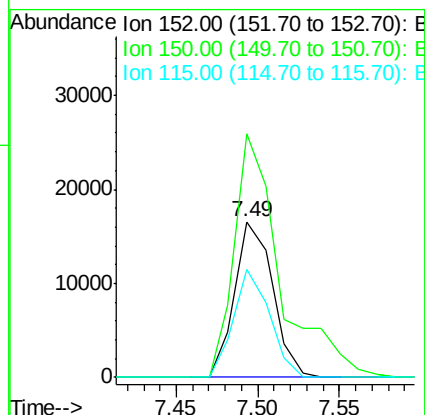
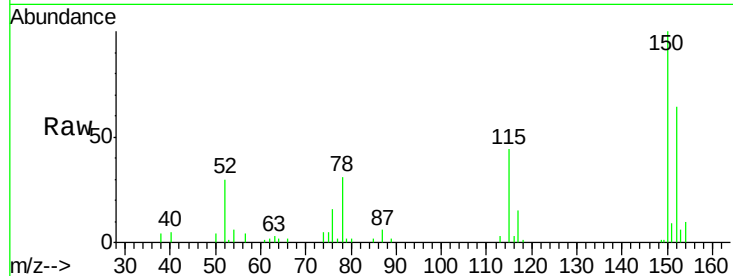
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.9	187.3
115	69.1	54.1	81.1

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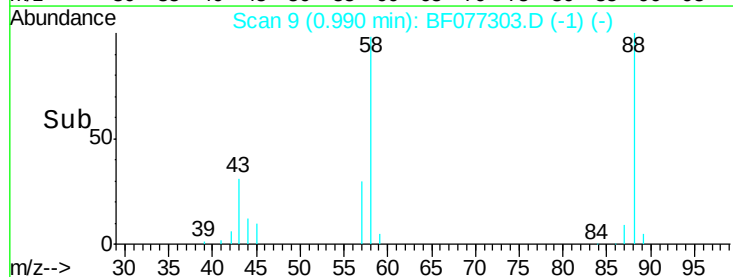
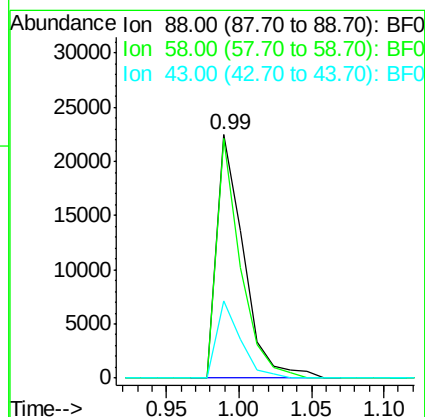
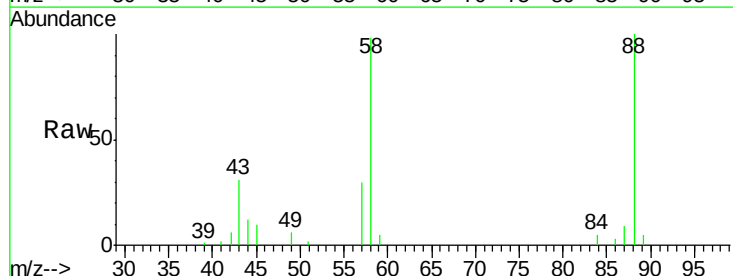
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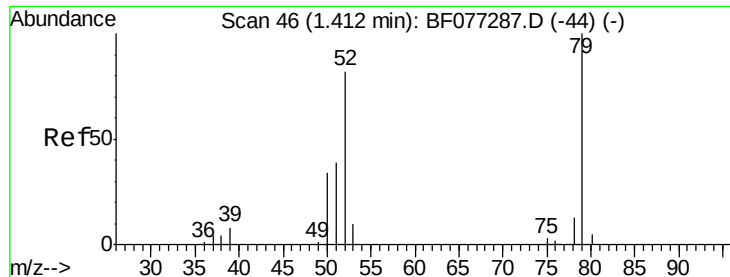


#2

1,4-Dioxane
Concen: 44.57 ng
RT: 0.99 min Scan# 9
Delta R.T. -0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	77.0	115.6
43	28.3	28.1	42.1





#3

Pvridine

Concen: 44.34 ng

RT: 1.40 min Scan# 45

Delta R.T. -0.01 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

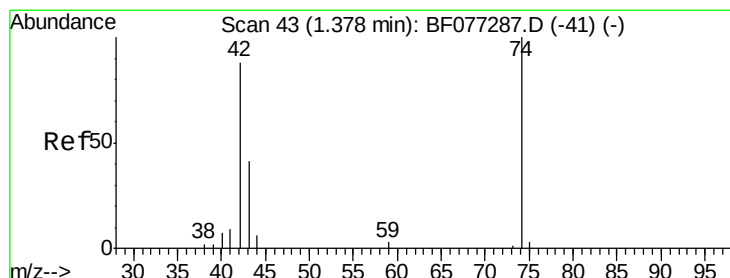
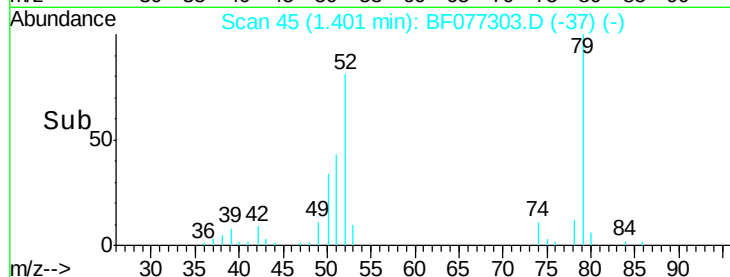
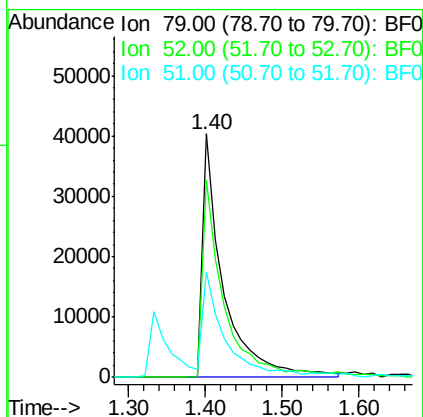
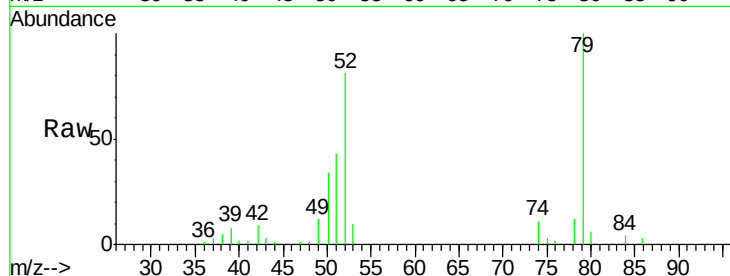
LabSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	75774
Ion	Ratio	Lower	Upper
79	100		
52	81.1	65.3	97.9
51	43.3	35.4	53.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.01 ng

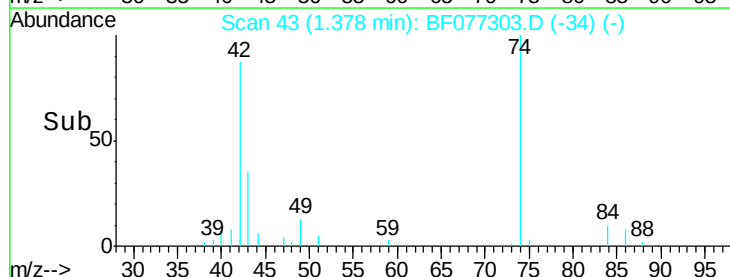
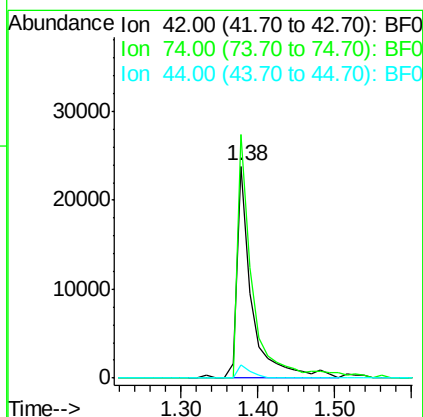
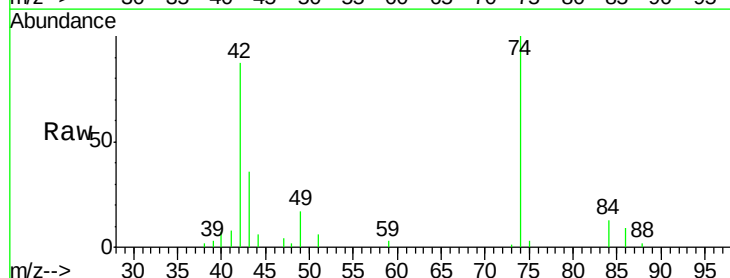
RT: 1.38 min Scan# 43

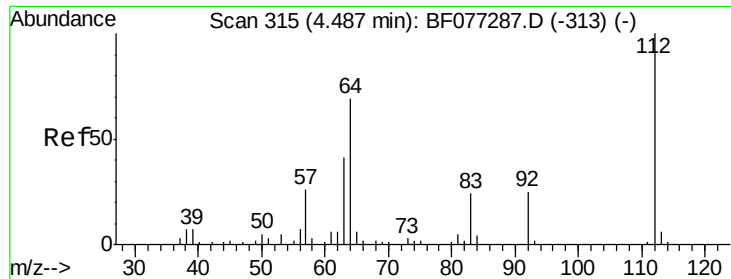
Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Tgt Ion:	42	Resp:	32568
Ion	Ratio	Lower	Upper
42	100		
74	114.8	90.8	136.2
44	6.4	5.8	8.6





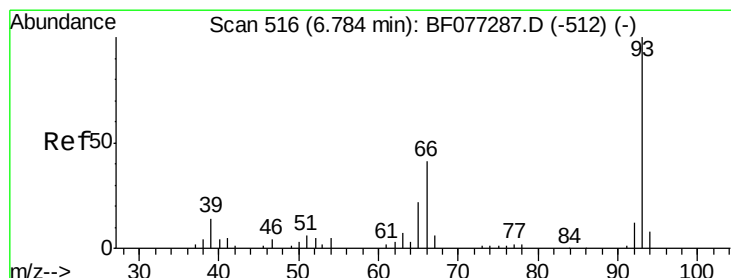
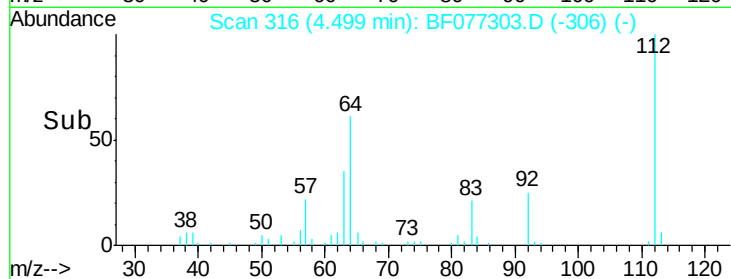
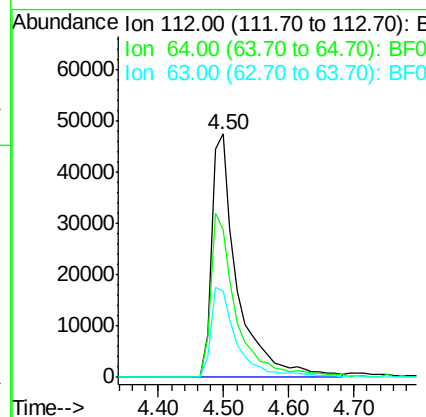
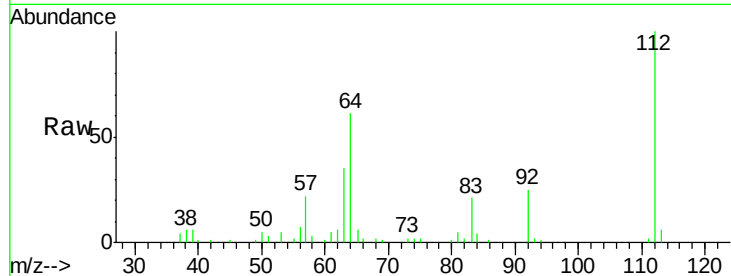
#5
2-Fluorophenol
Concen: 76.53 ng
RT: 4.50 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
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LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.9	55.0	82.4
63	35.2	33.0	49.6

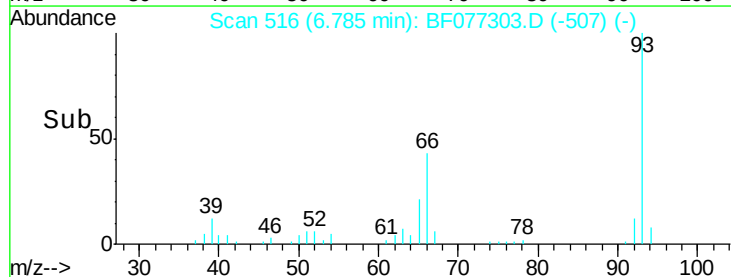
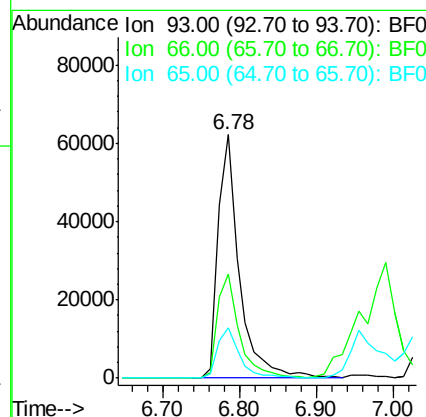
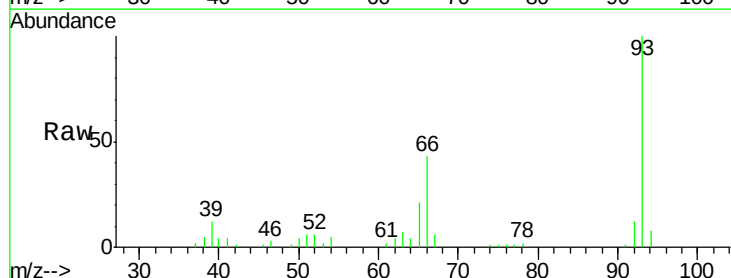
Manual Integrations
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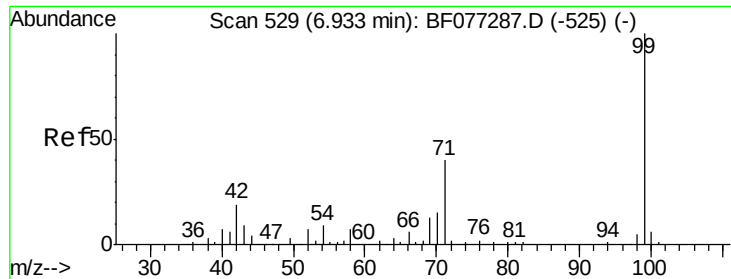
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#6
Aniline
Concen: 42.91 ng
RT: 6.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.8	33.1	49.7
65	20.6	17.2	25.8





#7

Phenol-d6

Concen: 79.63 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

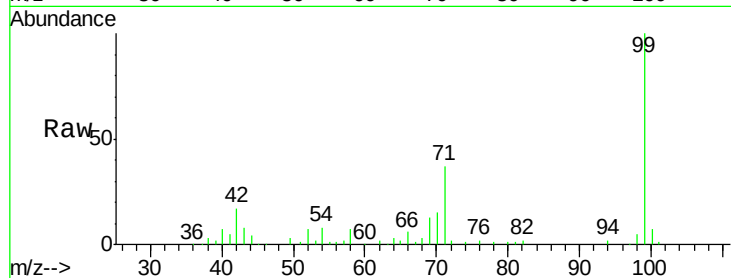
LabSampleId :

SSTDCCC040

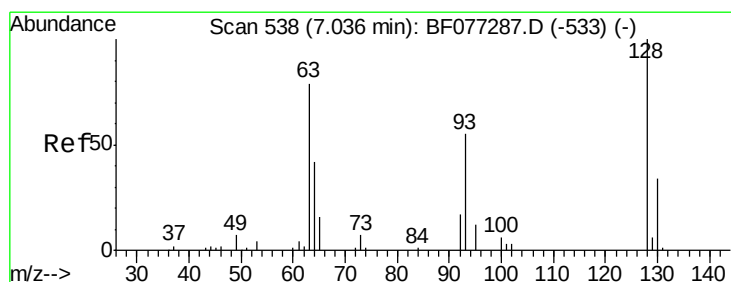
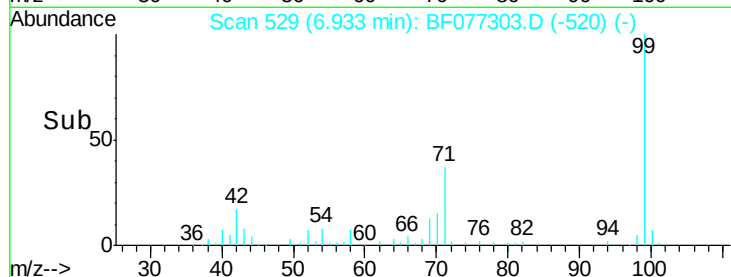
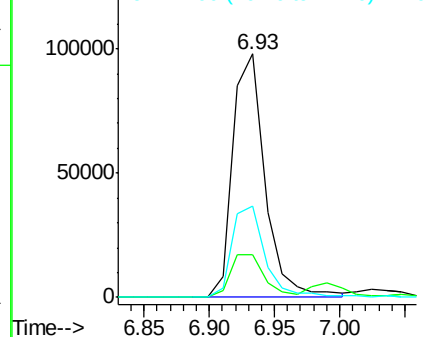
Tot Ion:	99	Resp:	168429
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	37.4	31.8	47.6

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.20 ng

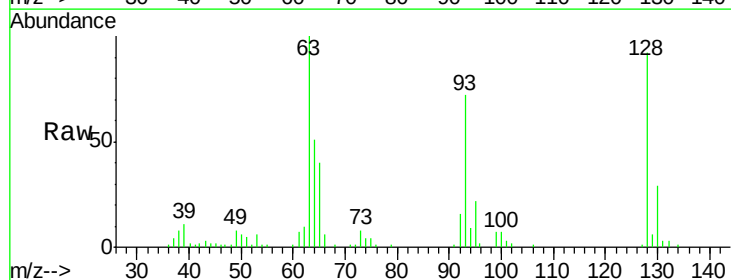
RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

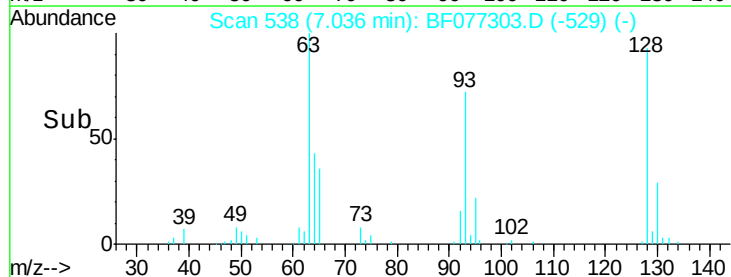
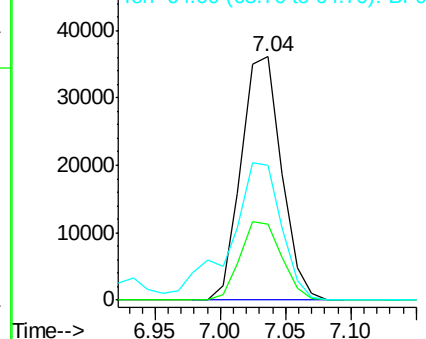
Lab File: BF077303.D

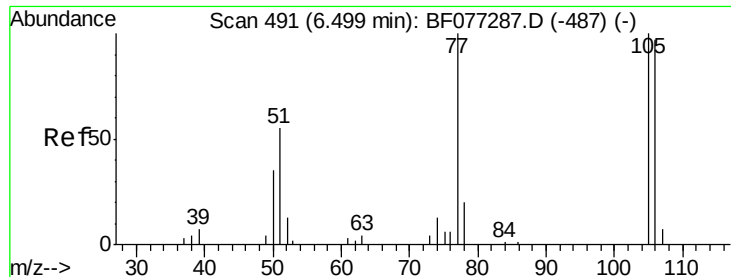
Acq: 13 Feb 2015 2:20

Tgt Ion:	128	Resp:	77970
Ion	Ratio	Lower	Upper
128	100		
130	31.0	14.4	54.4
64	55.6	30.4	70.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





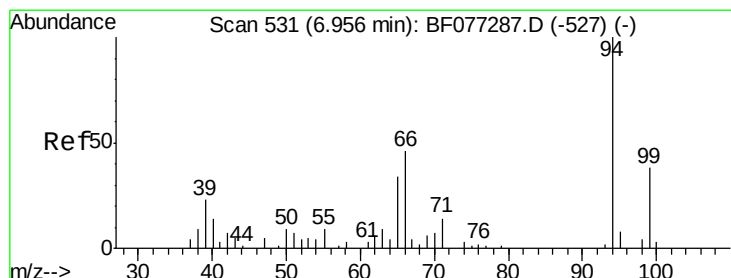
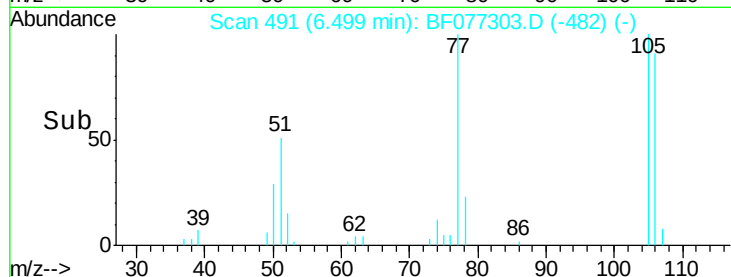
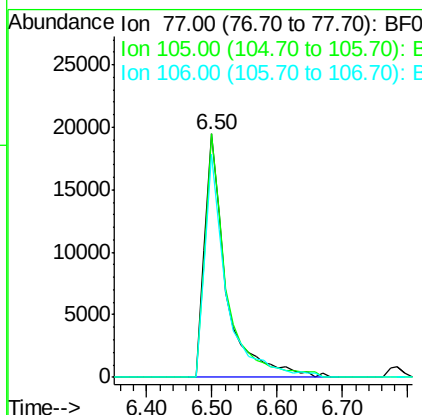
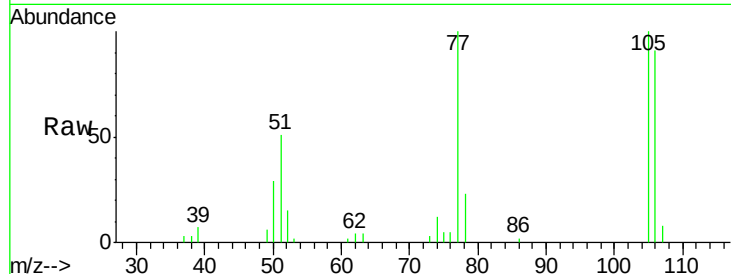
#9
Benzaldehyde
Concen: 34.25 ng
RT: 6.50 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF077303.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	80.4	120.4
106	91.5	77.5	117.5

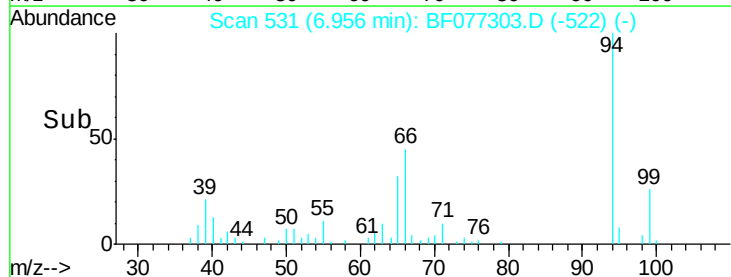
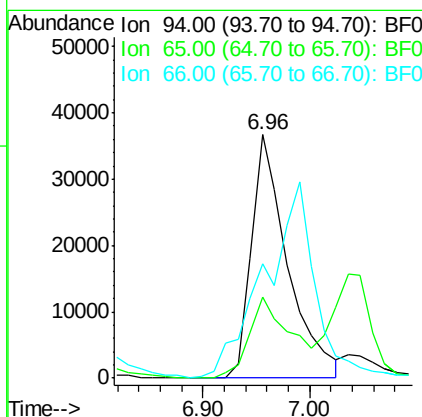
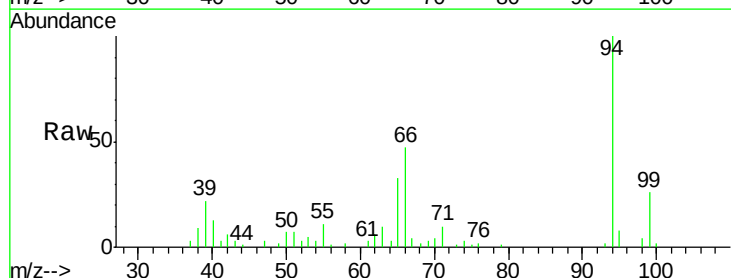
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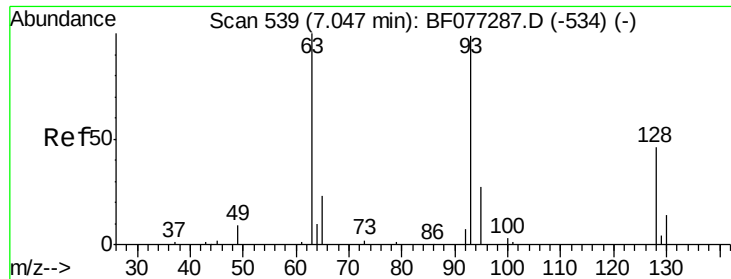
mohammad
2/13/2015 5:40:50 PM



#10
Phenol
Concen: 39.46 ng m
RT: 6.96 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	14.2	54.2
66	46.9	25.7	65.7





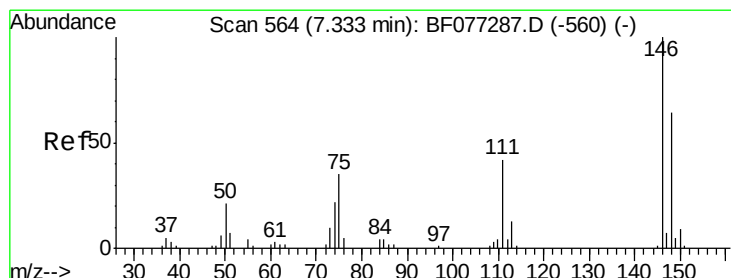
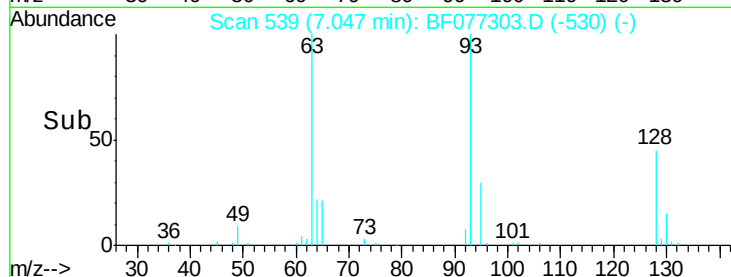
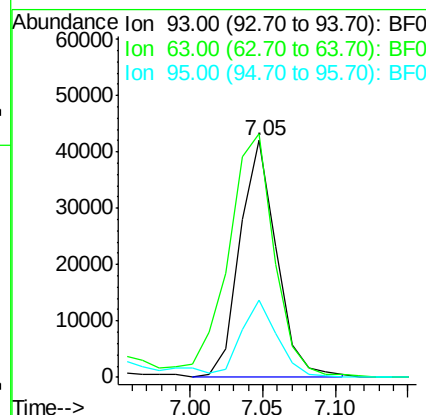
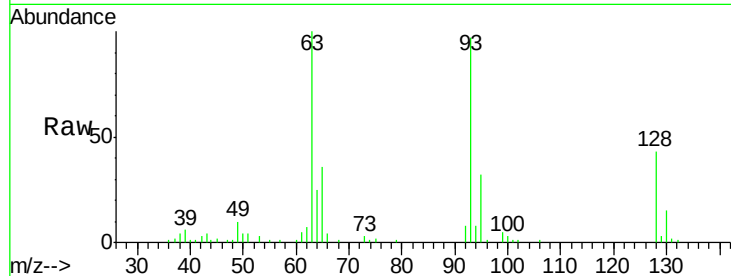
#11
bis(2-Chloroethyl)ether
Concen: 42.68 ng
RT: 7.05 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	102.8	86.6	126.6	
95	32.6	12.0	52.0	

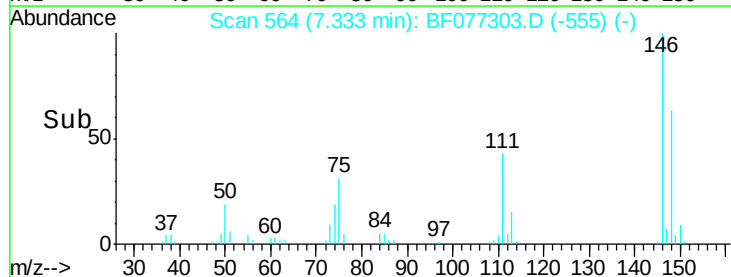
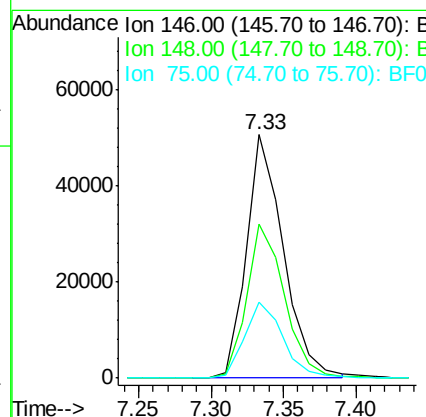
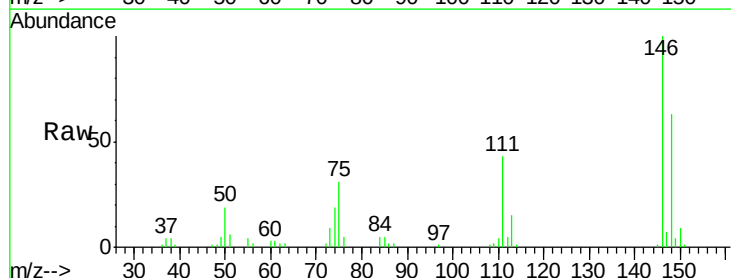
Manual Integrations
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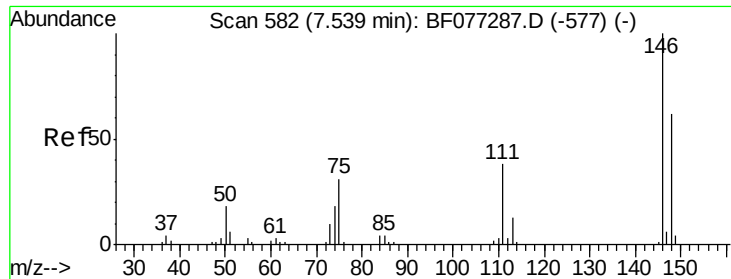
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.82 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.4	50.9	76.3	
75	31.4	28.1	42.1	





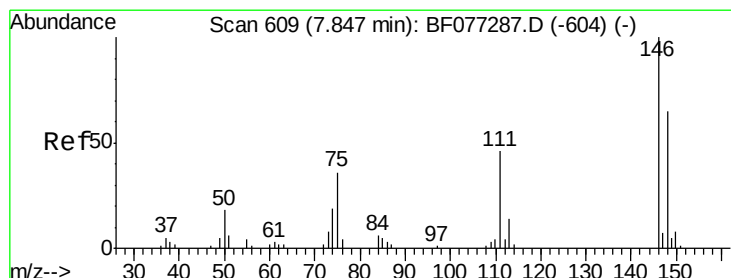
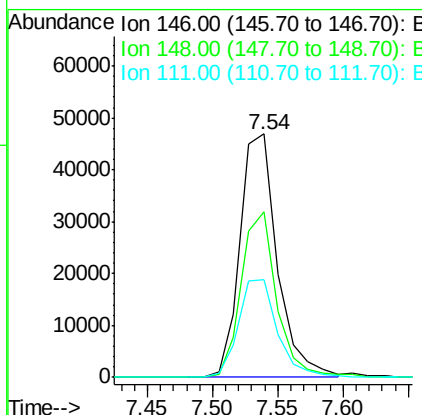
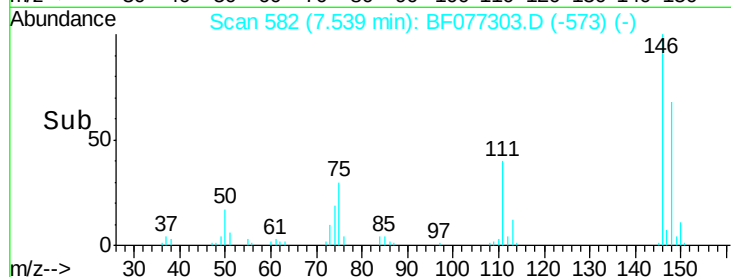
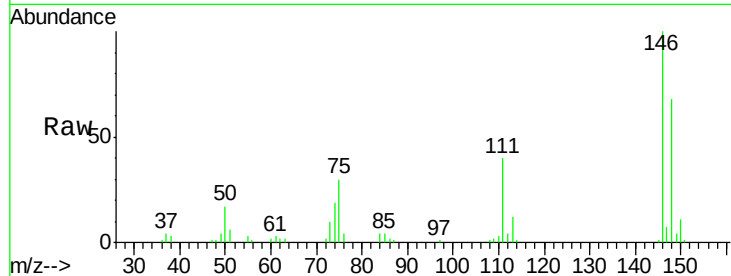
#13
1,4-Dichlorobenzene
Concen: 42.27 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	49.8	74.6
111	40.3	30.2	45.2

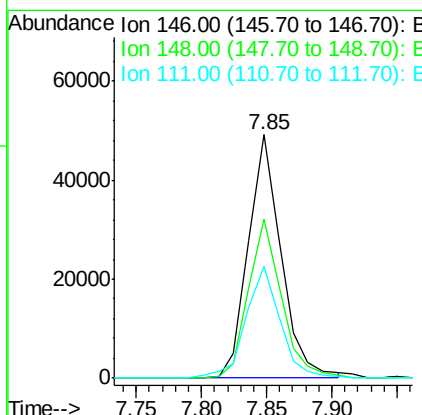
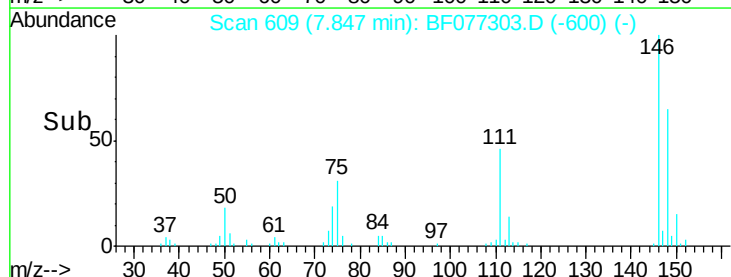
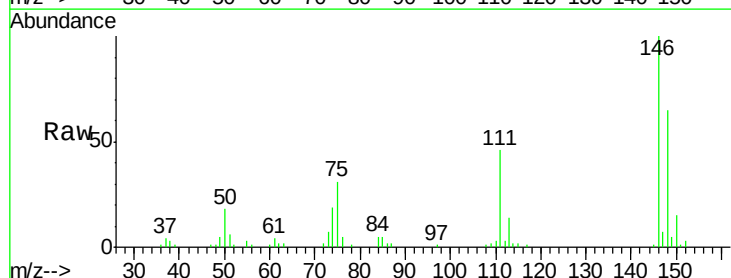
Manual Integrations
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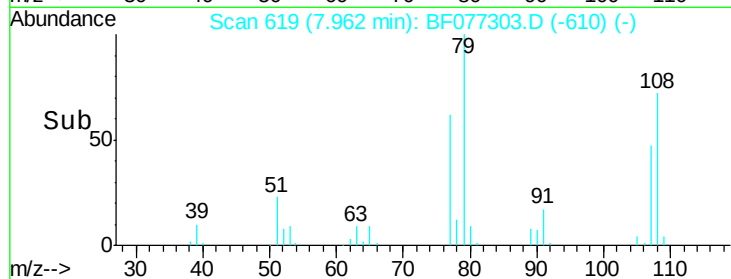
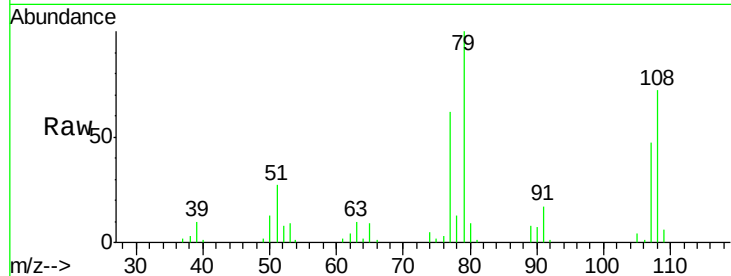
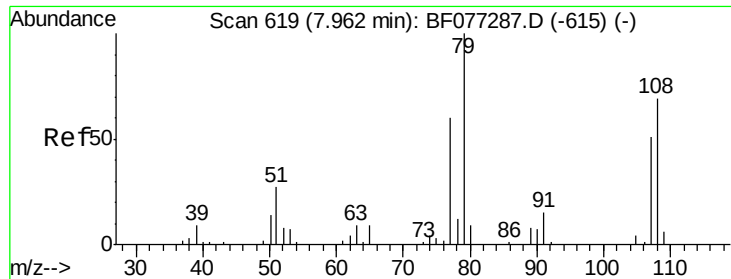
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.33 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.0	78.0
111	46.1	37.0	55.4





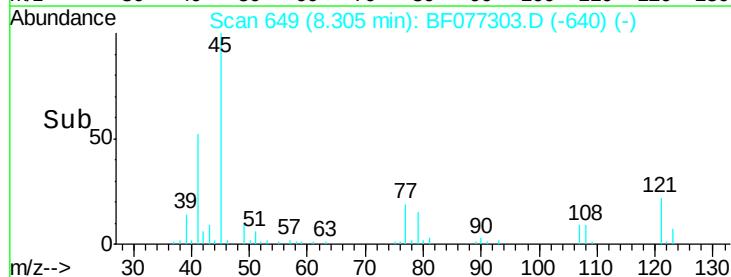
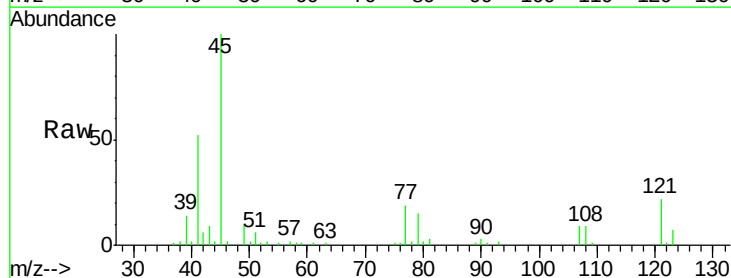
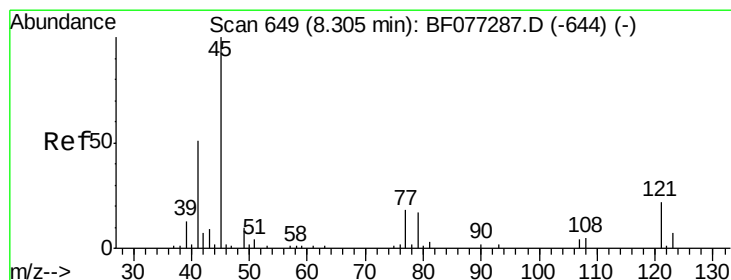
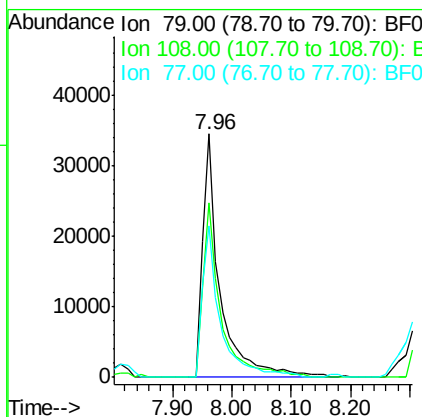
#15
Benzyl Alcohol
Concen: 42.61 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.8	54.8	82.2
77	62.5	48.0	72.0

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

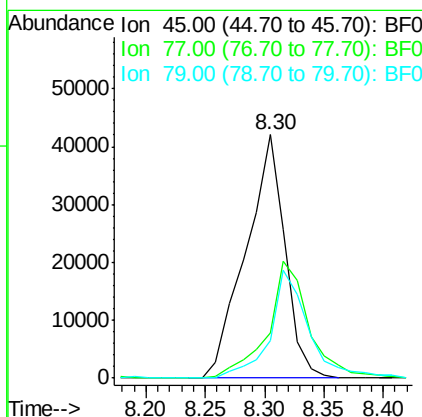
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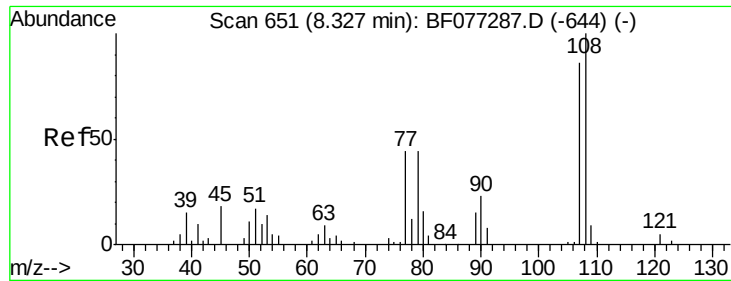
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.76 ng
RT: 8.30 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	38.2
79	15.5	0.0	37.0





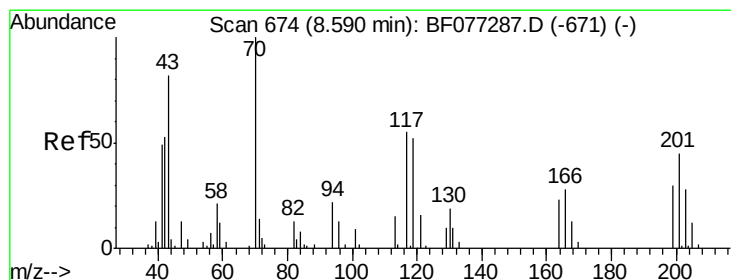
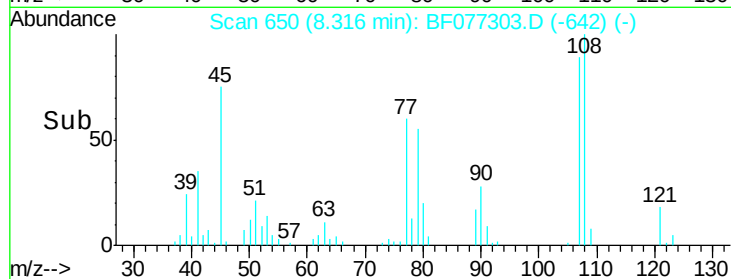
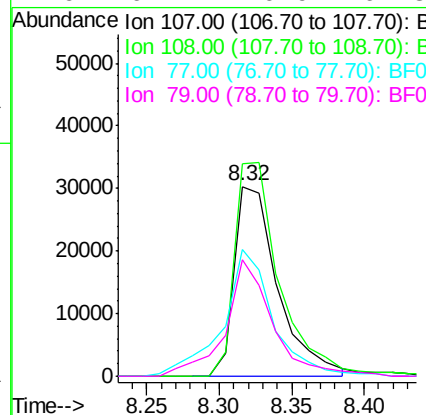
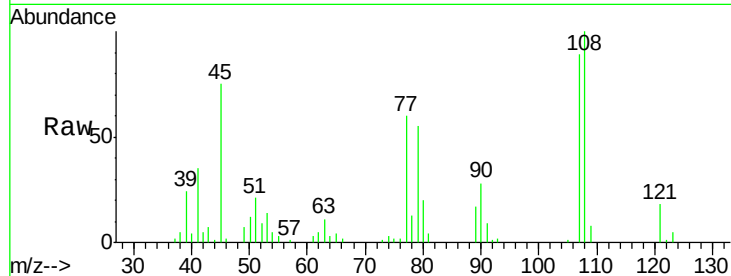
#17
2-Methylphenol
Concen: 42.51 ng
RT: 8.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.0	93.2	139.8
77	66.6	41.3	61.9
79	61.2	40.9	61.3

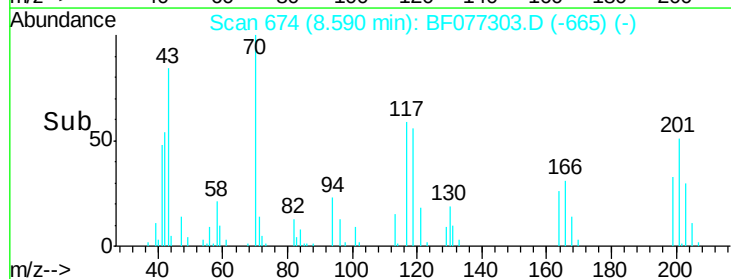
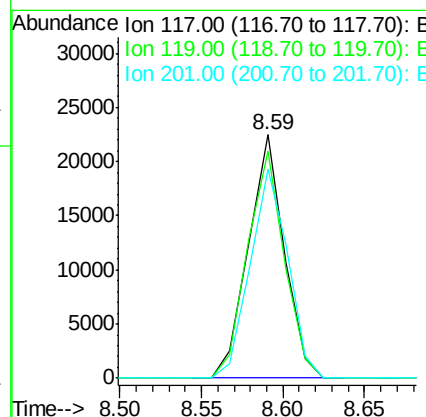
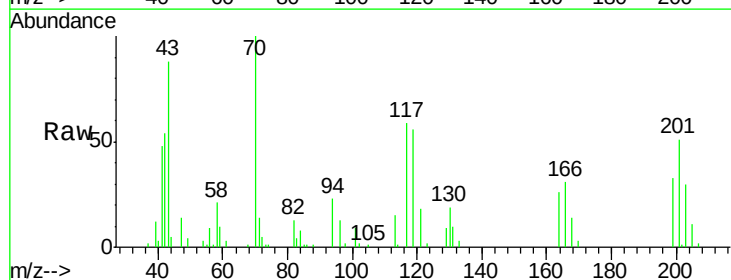
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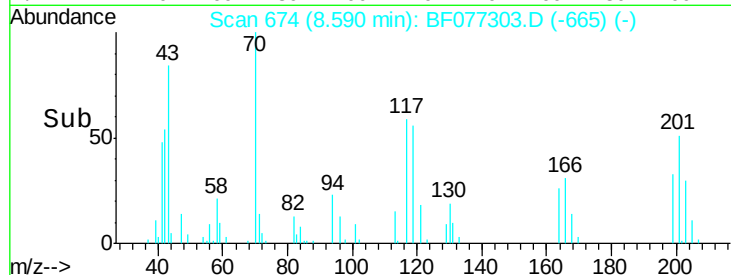
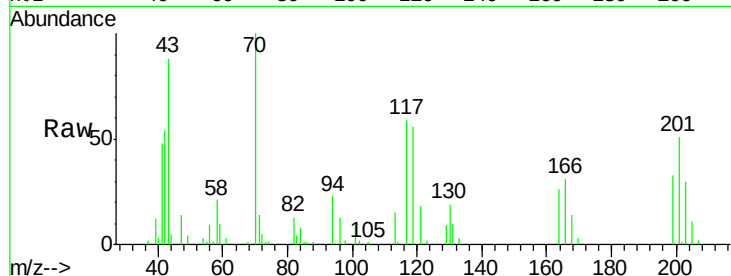
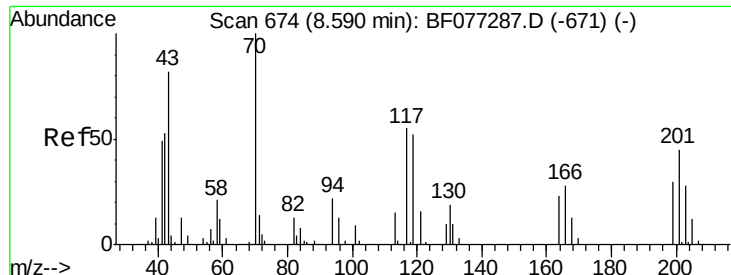
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#18
Hexachloroethane
Concen: 42.64 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	93.5	75.5	113.3
201	85.6	64.3	96.5





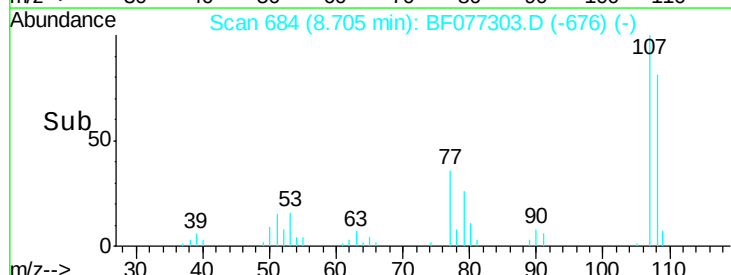
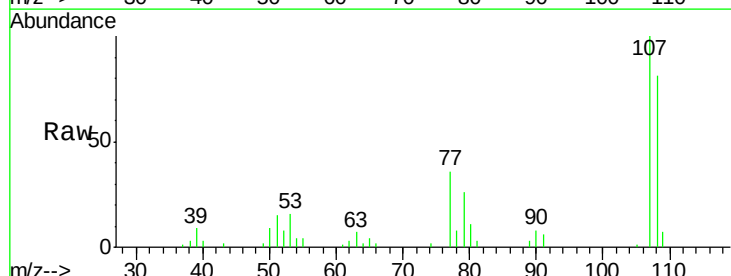
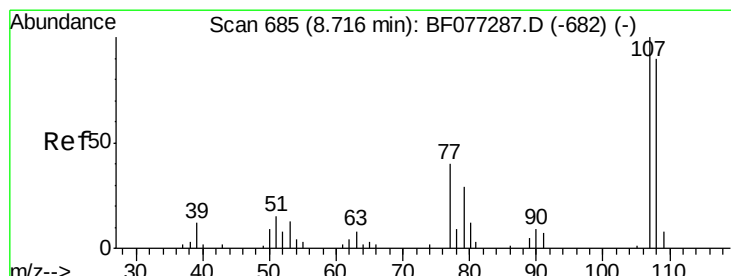
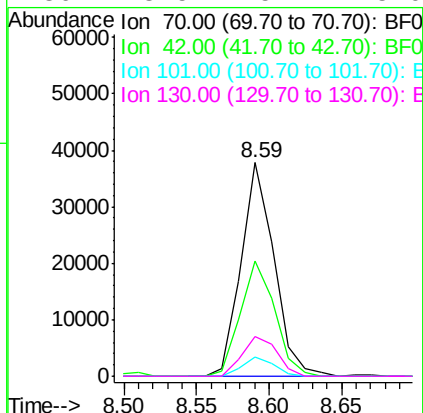
#19
n-Nitroso-di-n-propylamine
Concen: 40.06 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

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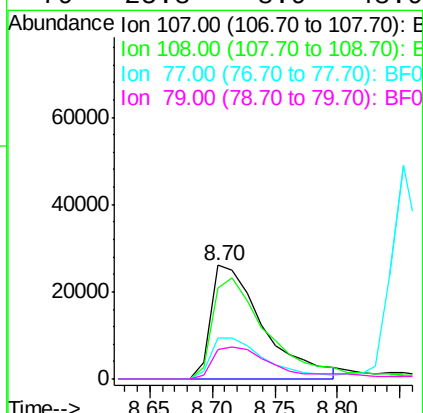
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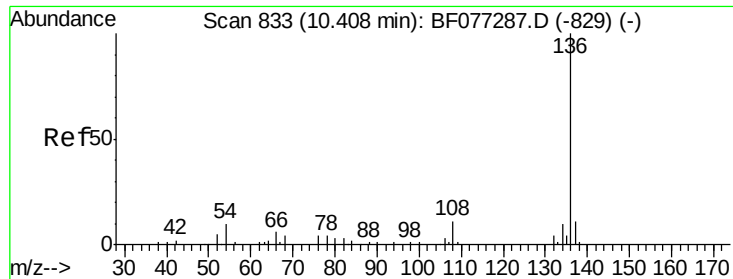
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	42.8	64.2
101	8.8	7.4	11.2
130	18.5	15.4	23.0



#20
3+4-Methylphenols
Concen: 38.94 ng m
RT: 8.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.6	69.7	109.7
77	36.5	19.5	59.5
79	25.8	8.9	48.9





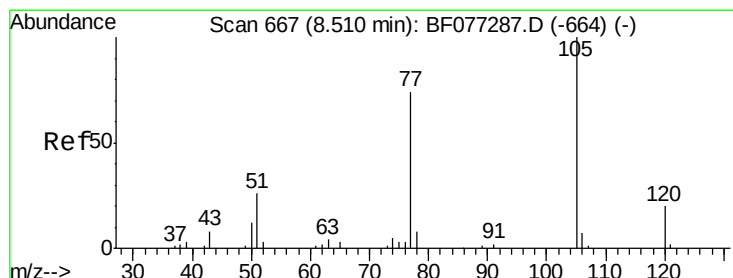
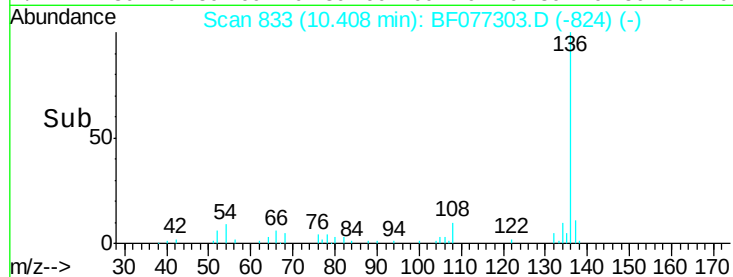
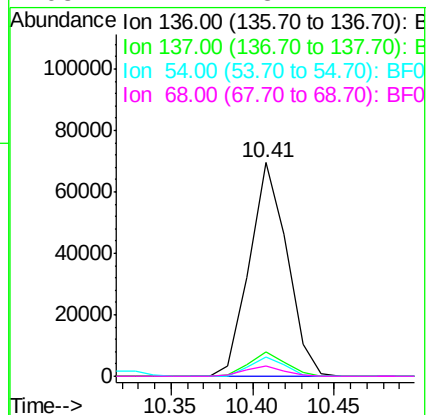
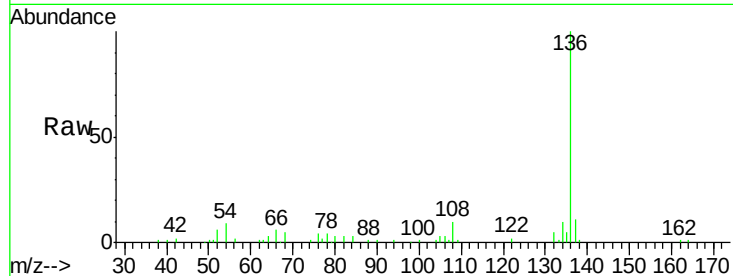
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		111214		
137	11.3	8.7	13.1		
54	9.2	8.2	12.2		
68	4.7	3.1	4.7#		

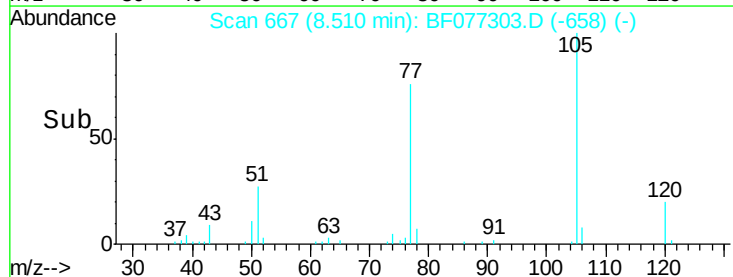
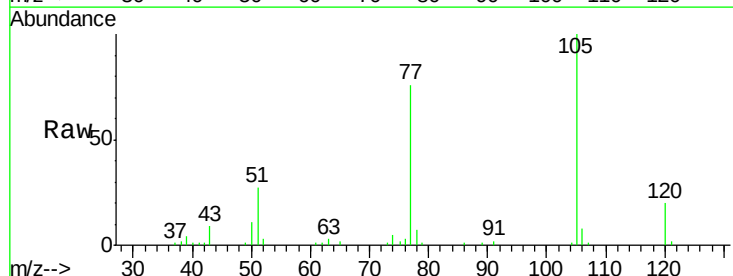
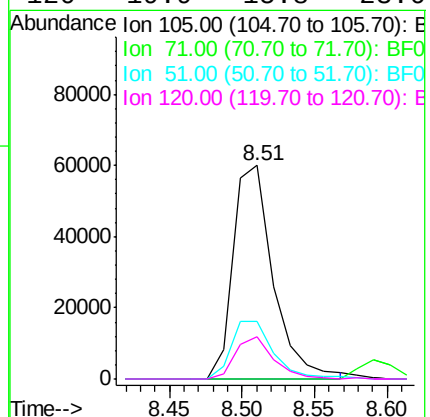
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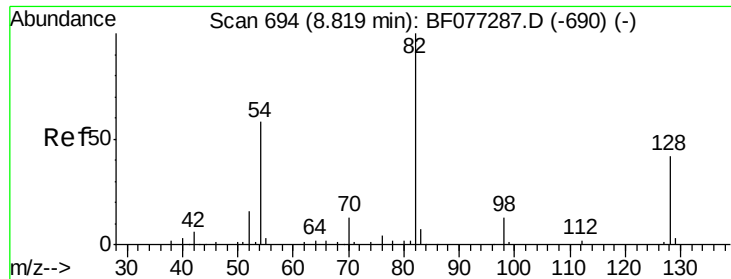
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#22
Acetophenone
Concen: 43.11 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		115159		
71	0.0	0.0	0.0		
51	27.2	21.0	31.6		
120	19.9	15.8	23.6		





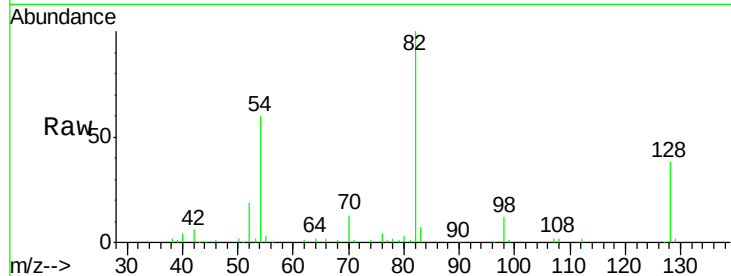
#23
Nitrobenzene-d5
Concen: 90.90 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

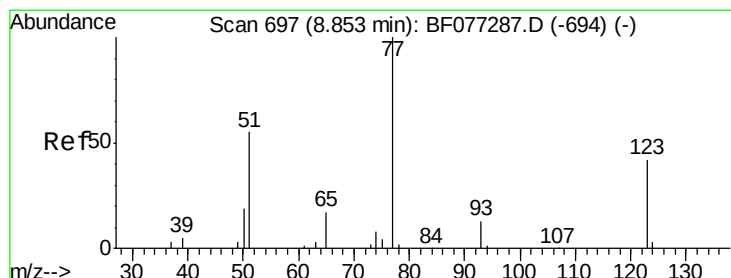
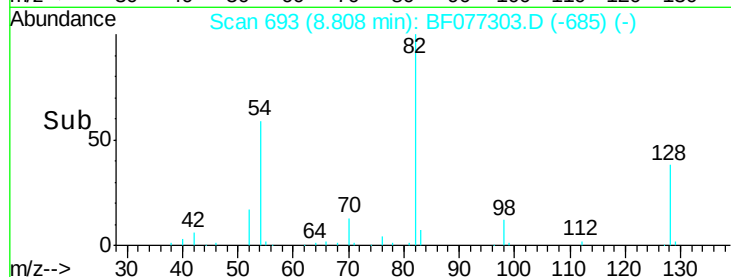
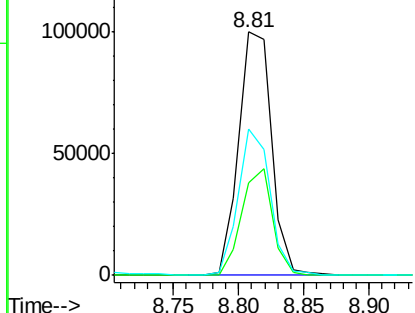
Tot Ion	Ratio	Resp	Lower	Upper
82	100	176988		
128	37.9		33.6	50.4
54	60.2		46.2	69.2

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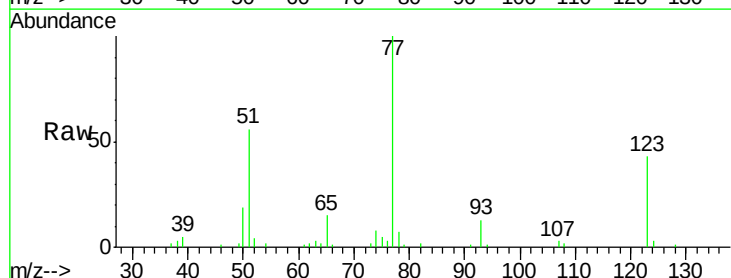


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

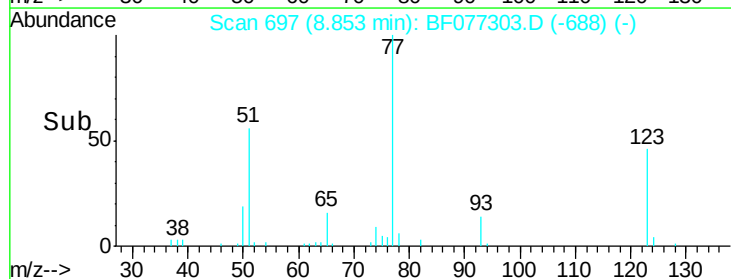
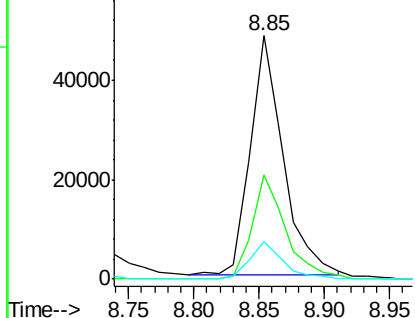


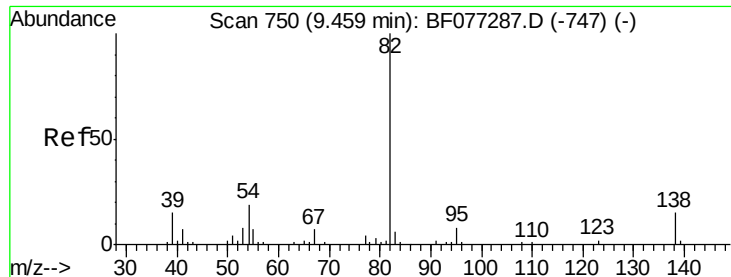
#24
Nitrobenzene
Concen: 43.92 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	84785		
123	42.7		33.1	49.7
65	15.4		13.0	19.6



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





#25

Isophorone

Concen: 44.38 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

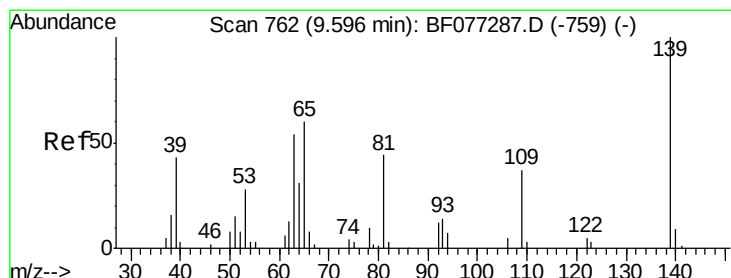
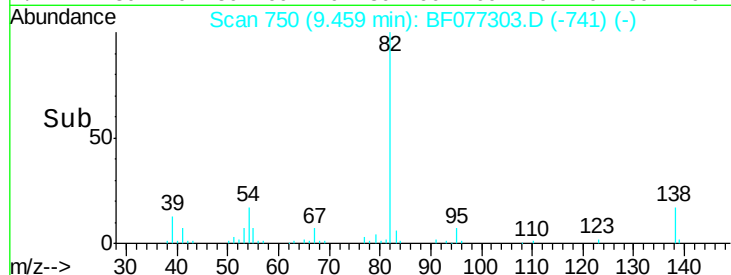
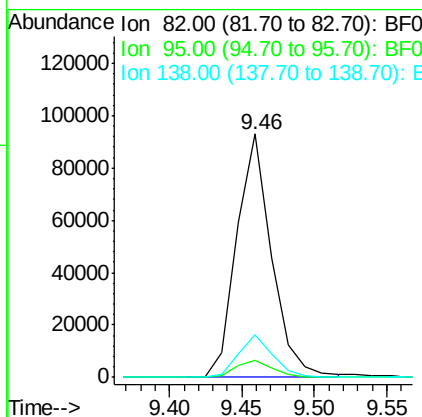
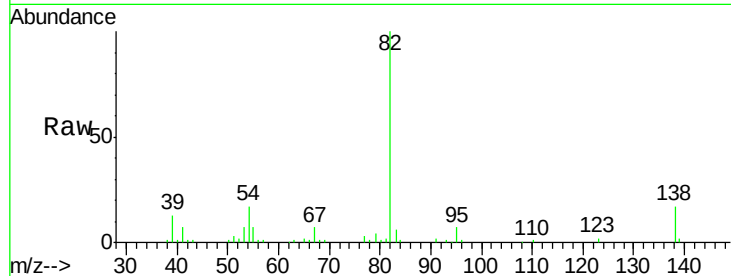
LabSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	155739
Ion Ratio		Lower	Upper
82	100		
95	7.3	6.3	9.5
138	17.3	12.1	18.1

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#26

2-Nitrophenol

Concen: 42.03 ng

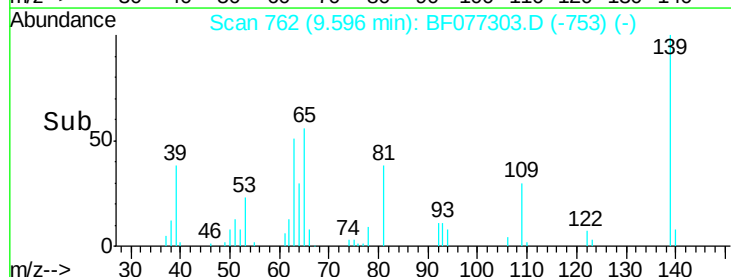
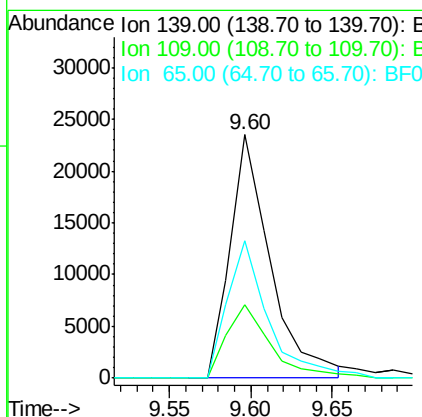
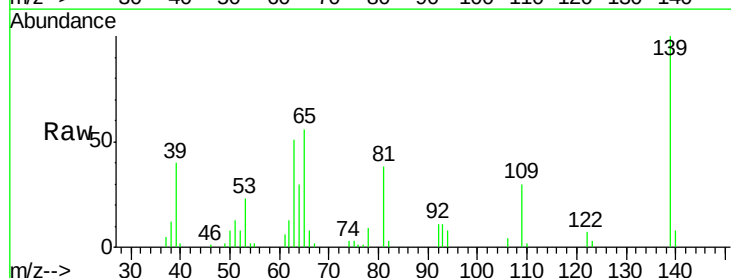
RT: 9.60 min Scan# 762

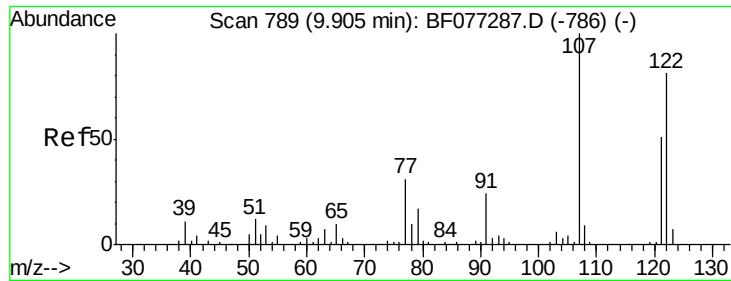
Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Tgt Ion:	139	Resp:	40144
Ion Ratio		Lower	Upper
139	100		
109	30.0	29.4	44.2
65	56.3	47.9	71.9





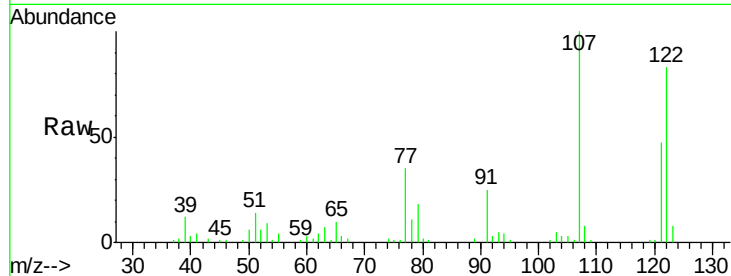
#27
 2,4-Dimethylphenol
 Concen: 42.79 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Instrument :
 BNA_F
 LabSampleId :
 SSTCCCC040

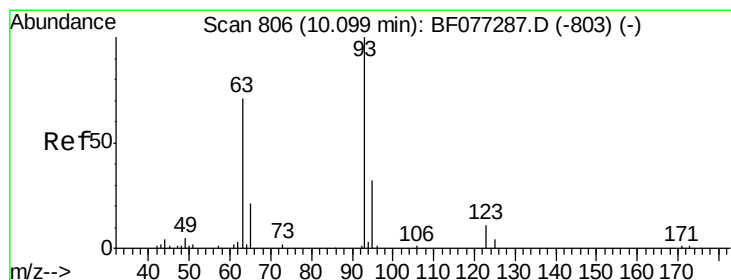
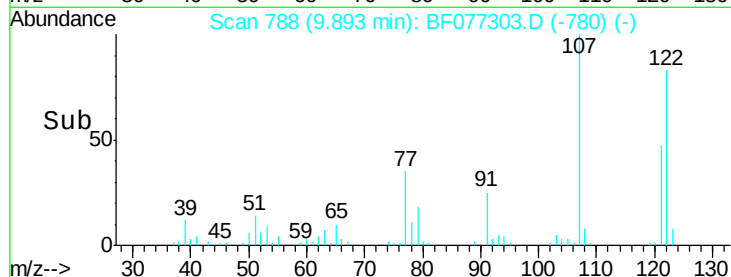
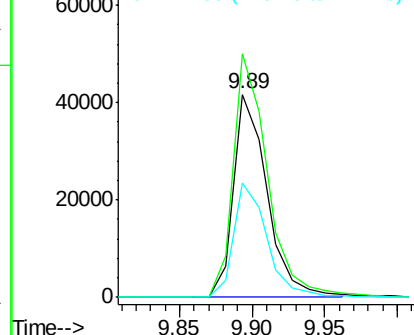
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	99.1	148.7
121	56.4	50.2	75.2

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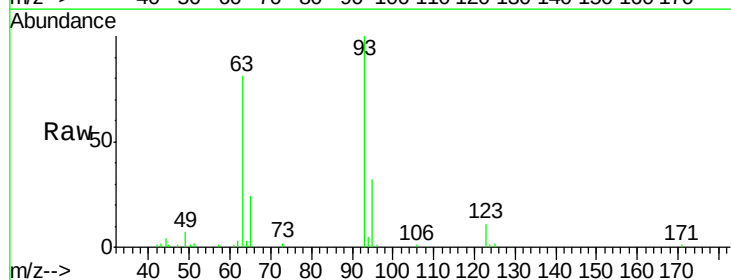


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

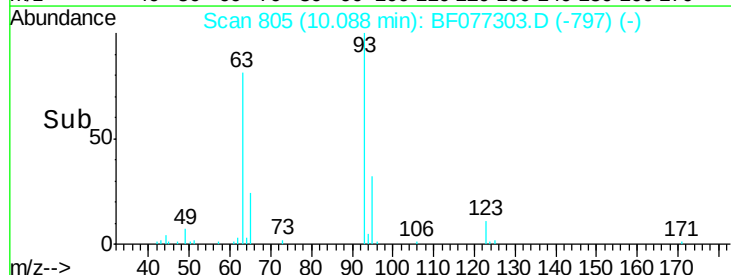
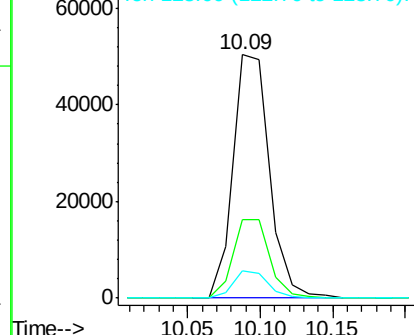


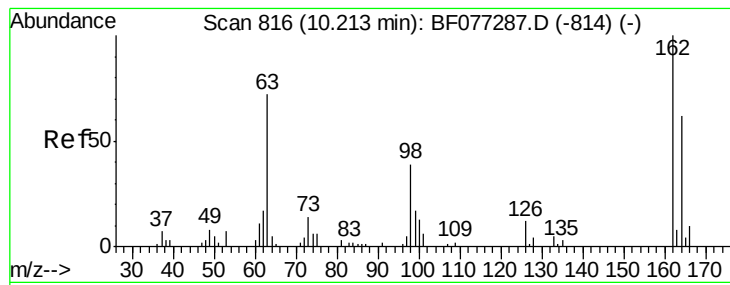
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.19 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.2
123	11.1	8.5	12.7



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: 42.53 ng/mL

RT: 10.21 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

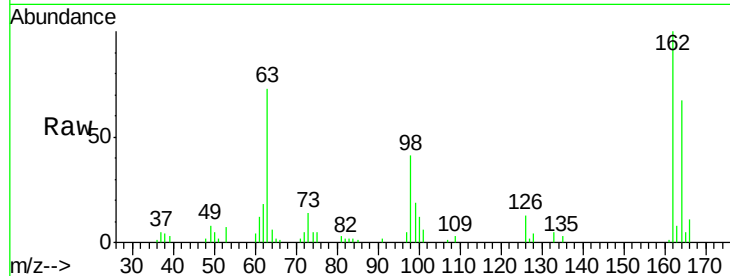
LabSampleId :

SSTDCCC040

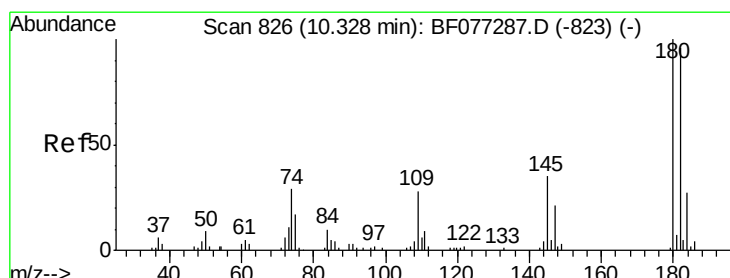
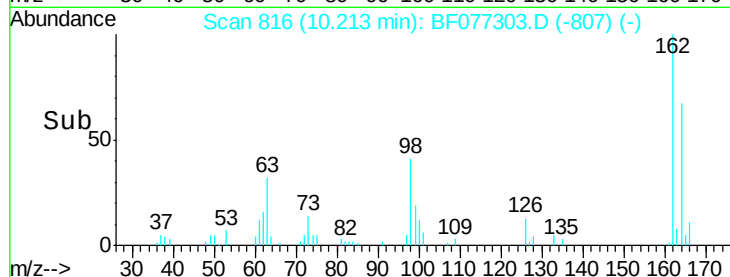
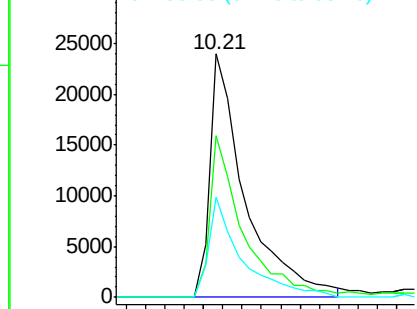
Tot Ion:	162	Resp:	61293
Ion Ratio	Lower	Upper	
162	100		
164	66.5	41.9	81.9
98	41.0	19.3	59.3

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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: 44.98 ng/mL

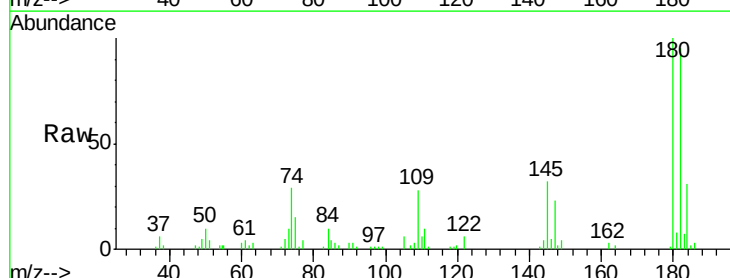
RT: 10.33 min Scan# 826

Delta R.T. 0.00 min

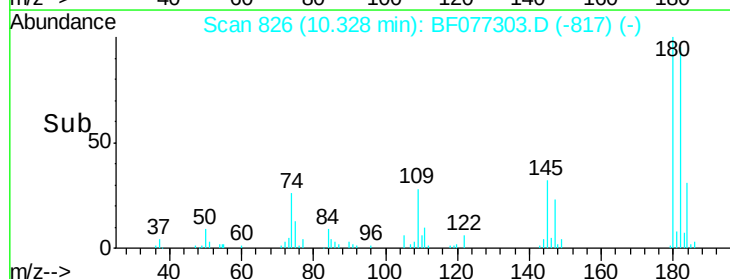
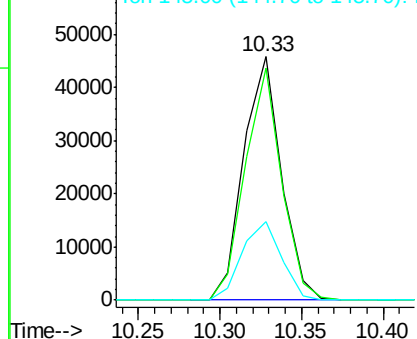
Lab File: BF077303.D

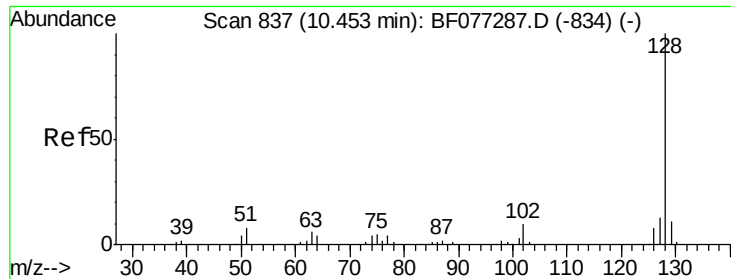
Acq: 13 Feb 2015 2:20

Tgt Ion:	180	Resp:	73299
Ion Ratio	Lower	Upper	
180	100		
182	95.4	77.0	115.6
145	32.4	27.9	41.9



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





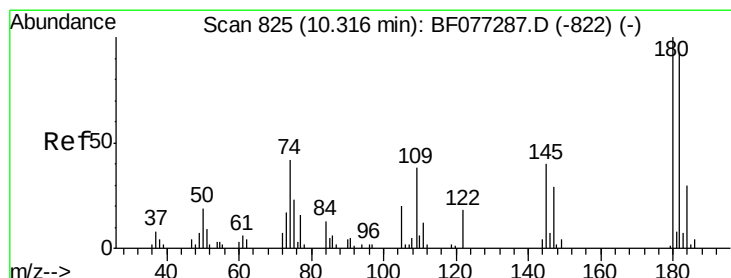
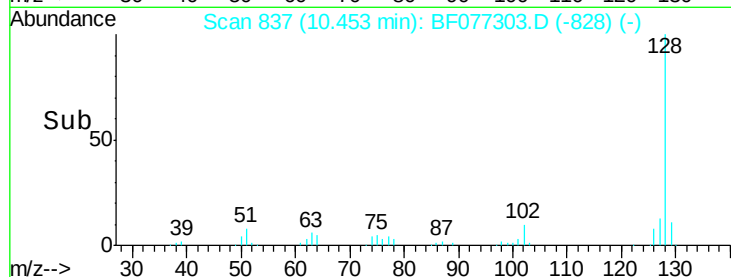
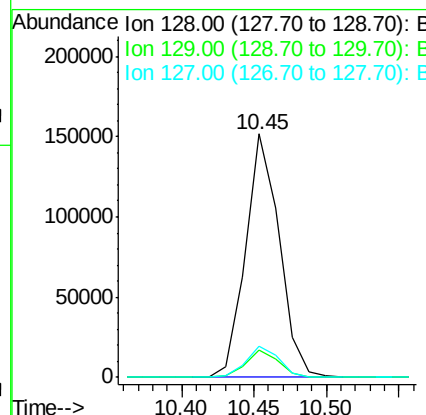
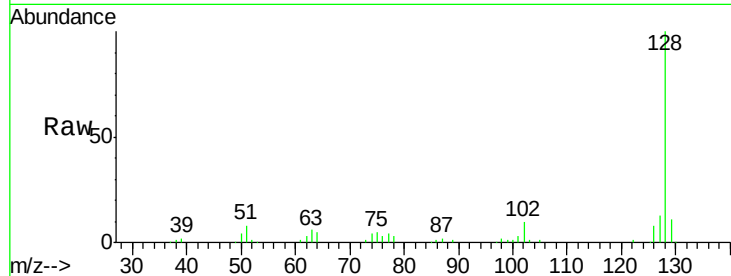
#31
Naphthalene
Concen: 44.53 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	244413		
129	11.3	9.0	13.6	
127	12.6	10.4	15.6	

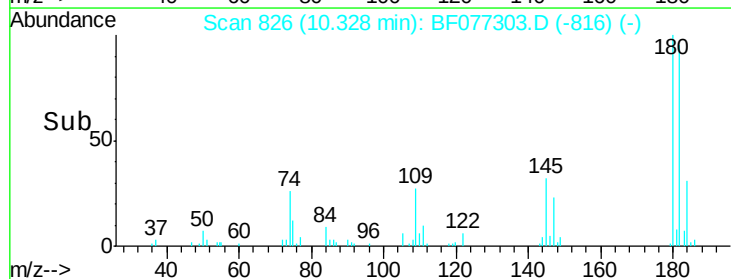
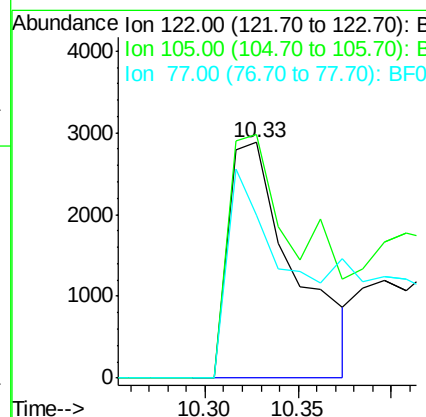
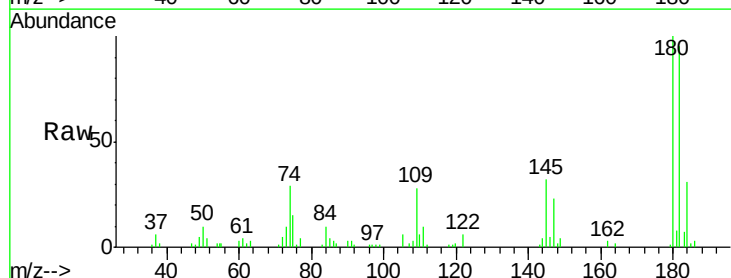
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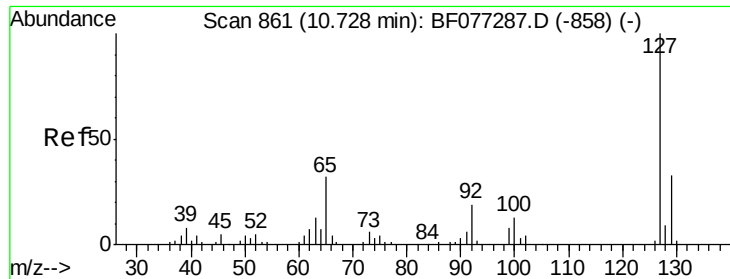
mohammad
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#32
Benzoic acid
Concen: 32.91 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	7134		
105	103.3	93.4	133.4	
77	69.0	72.6	112.6	





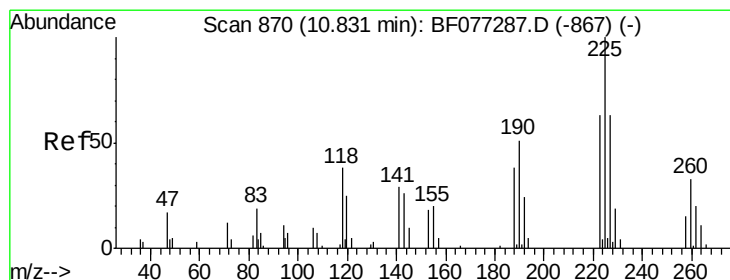
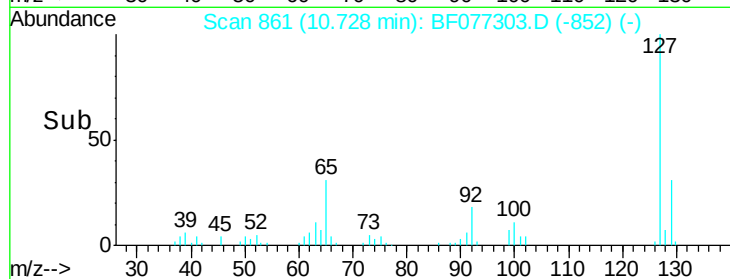
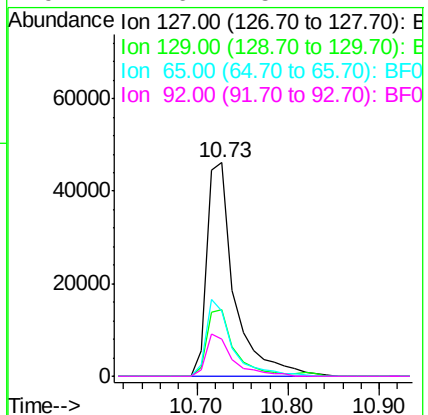
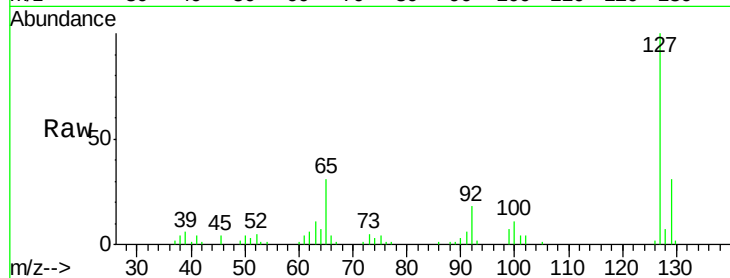
#33
4-Chloroaniline
Concen: 44.06 ng/ml
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.0	39.0		
65	30.8	25.6	38.4		
92	17.6	15.1	22.7		

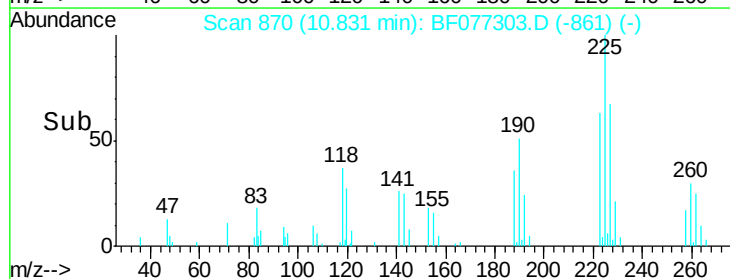
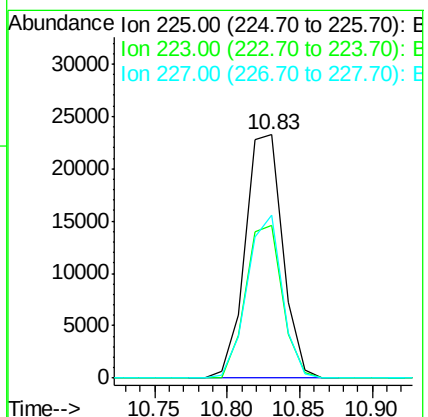
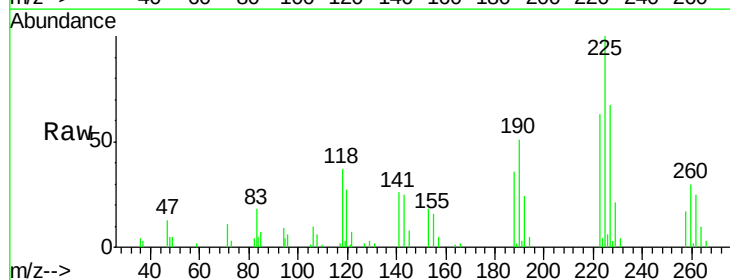
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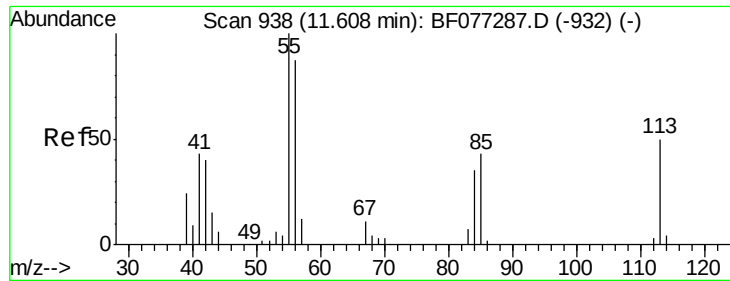
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#34
Hexachlorobutadiene
Concen: 44.82 ng/ml
RT: 10.83 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.2	75.4		
227	66.8	50.2	75.2		





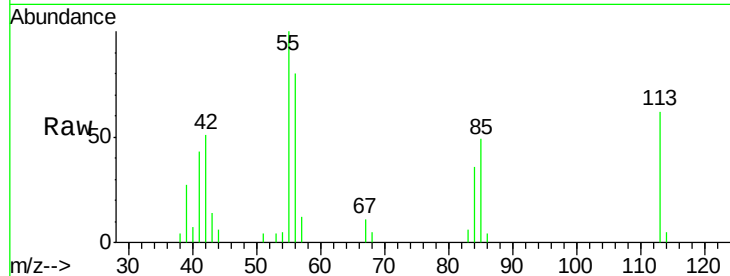
#35
Caprolactam
Concen: 41.18 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

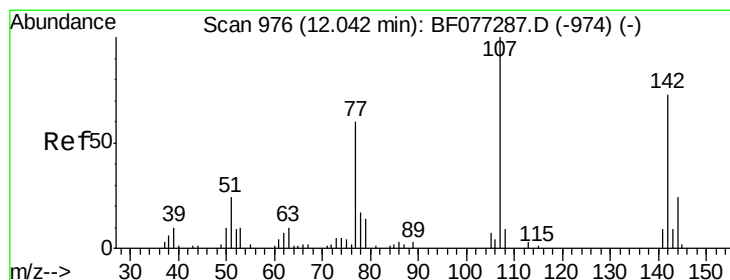
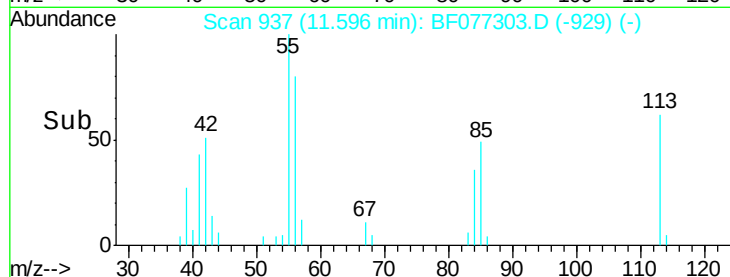
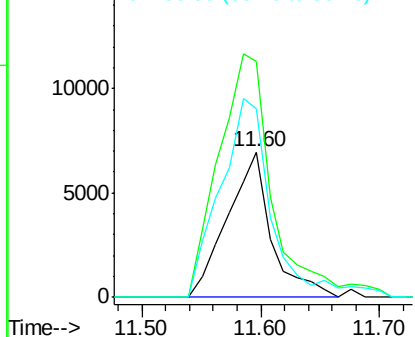
Tot Ion	Ratio	Lower	Upper
113	100		
55	162.0	178.4	218.4#
56	129.3	152.8	192.8#

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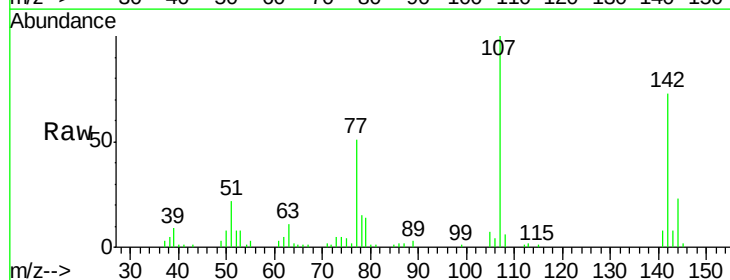


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

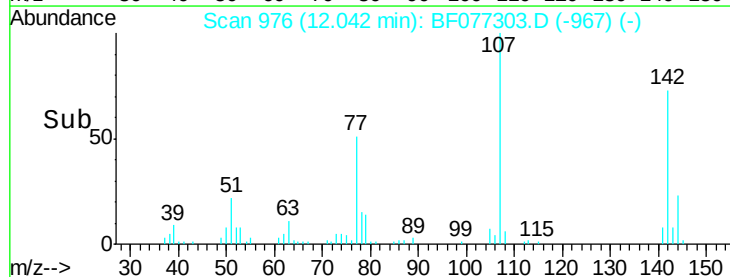
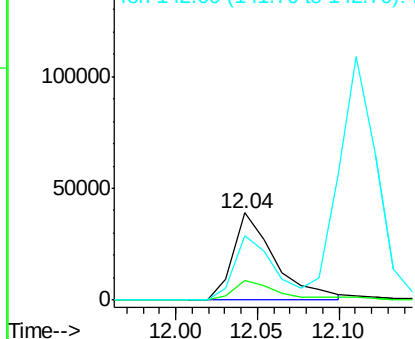


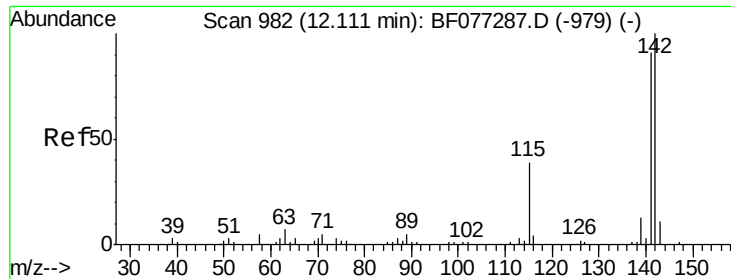
#36
4-Chloro-3-methylphenol
Concen: 43.42 ng
RT: 12.04 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.2	28.8
142	73.0	58.6	88.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





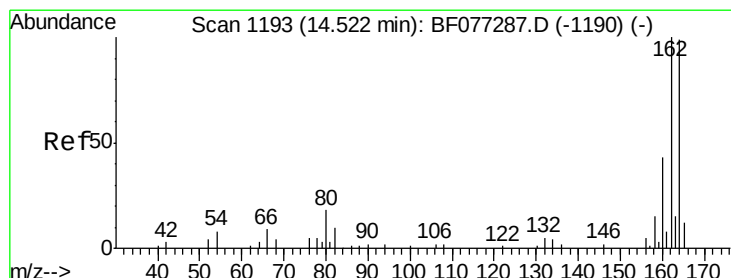
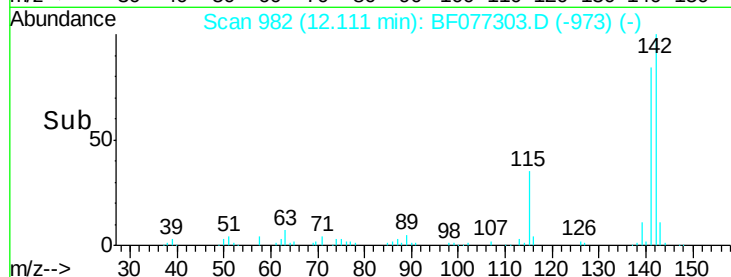
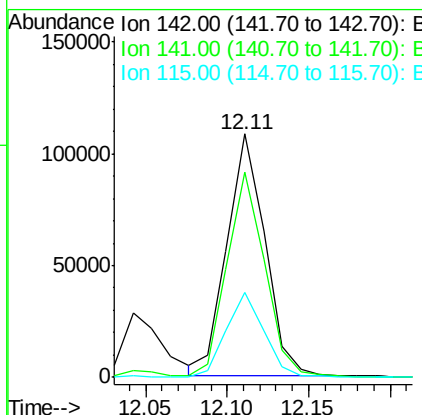
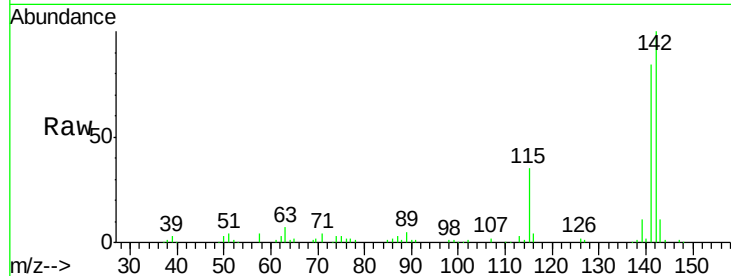
#37
2-Methylnaphthalene
Concen: 42.30 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	174055		
141	84.5	69.8	104.6	
115	35.0	29.5	44.3	

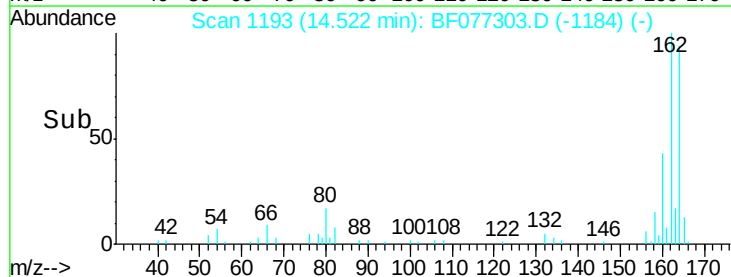
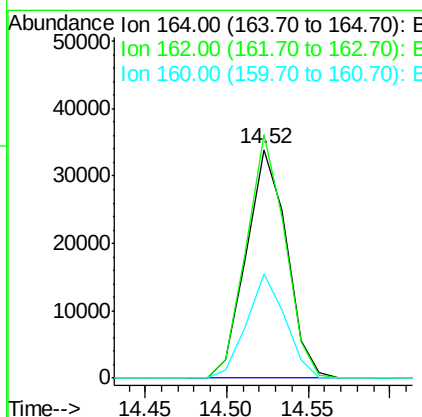
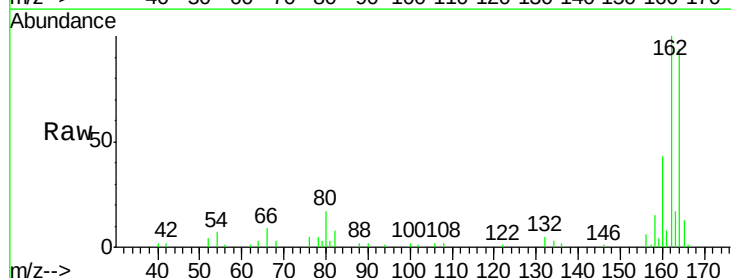
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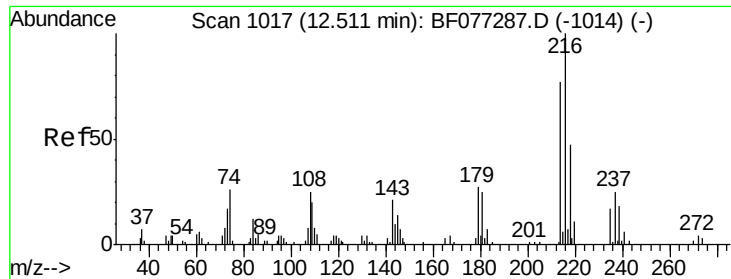
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58630		
162	106.6	81.0	121.4	
160	45.3	35.2	52.8	





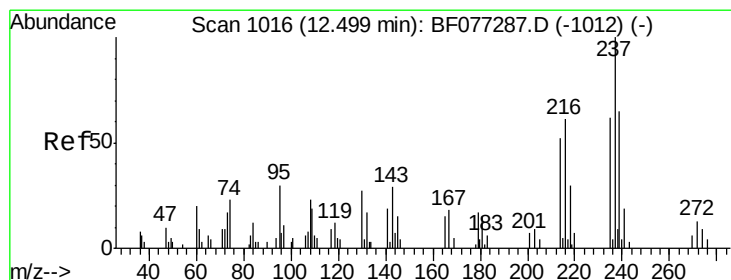
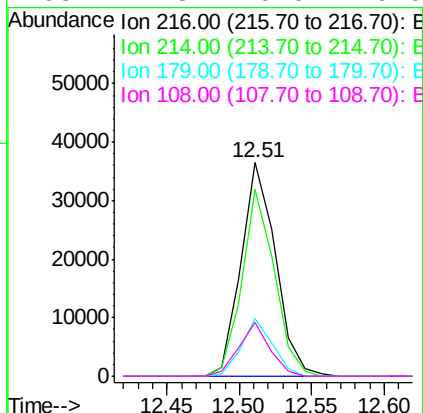
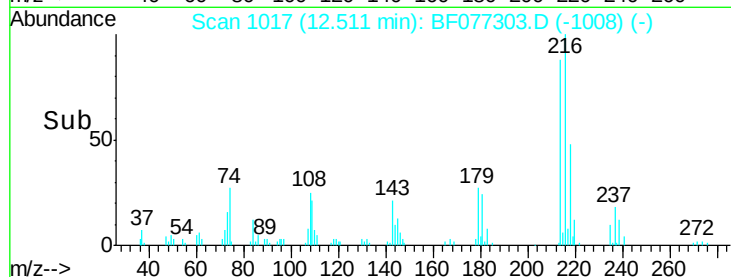
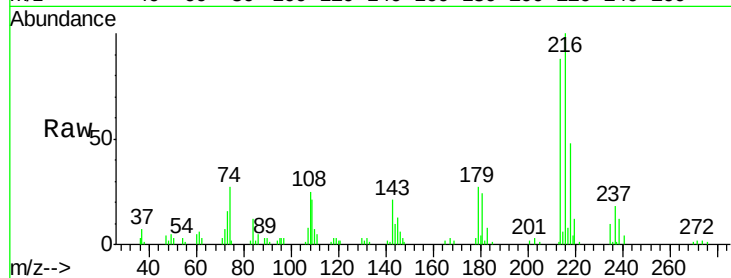
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.89 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	82.1	0.0	0.0#		
179	24.6	0.0	0.0#		
108	22.8	0.0	0.0#		

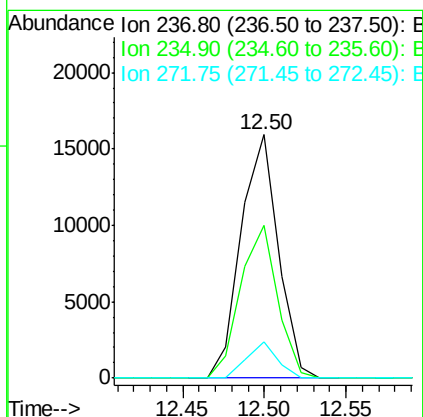
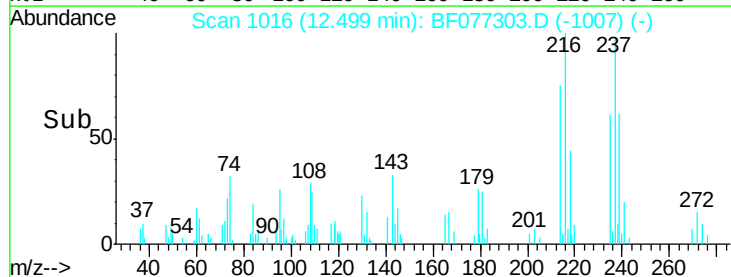
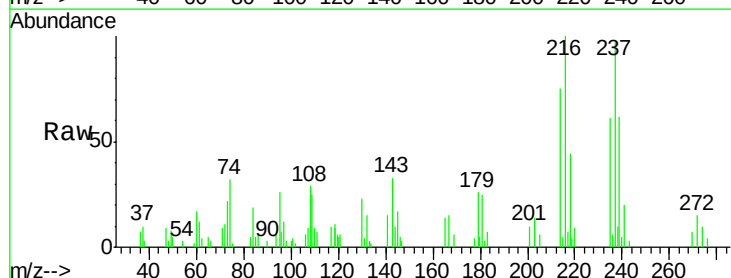
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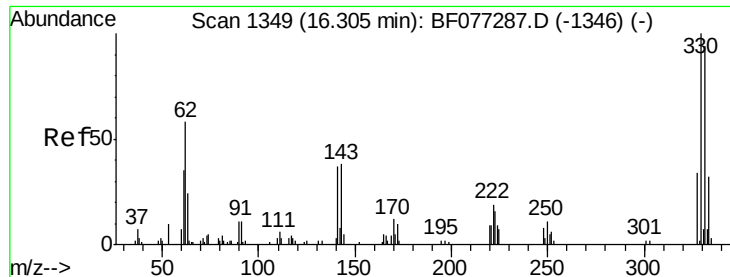
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#40
 Hexachlorocyclopentadiene
 Concen: 39.30 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.8	42.0	82.0		
272	15.0	0.0	33.3		





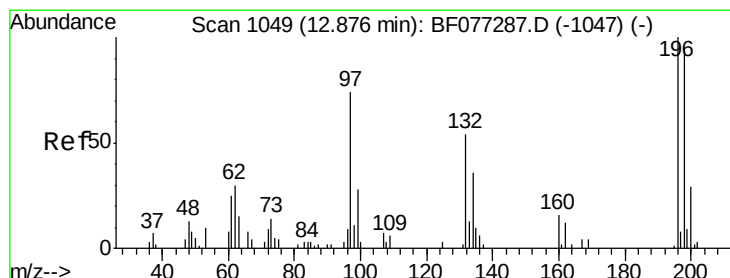
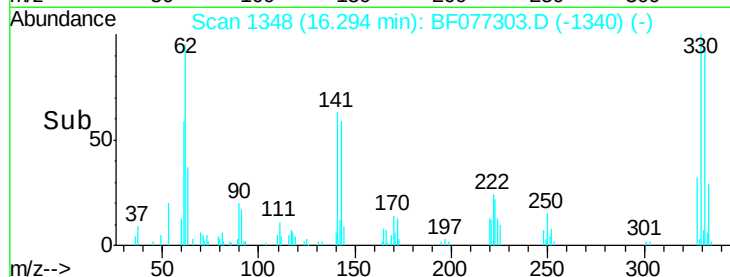
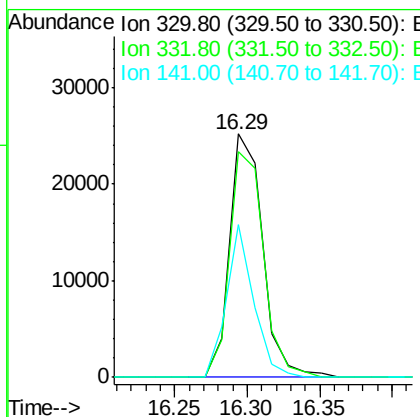
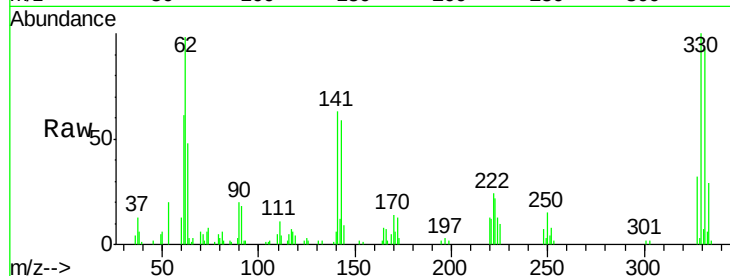
#41
 2,4,6-Tribromophenol
 Concen: 83.39 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	51.6	0.0	0.0#

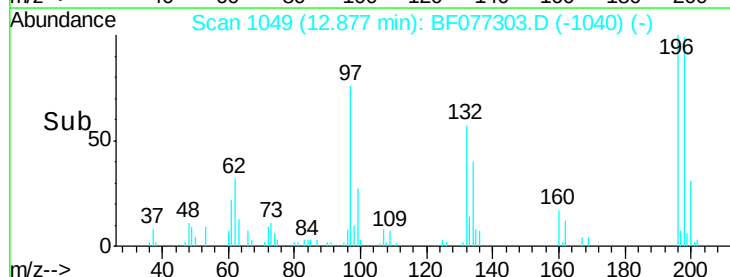
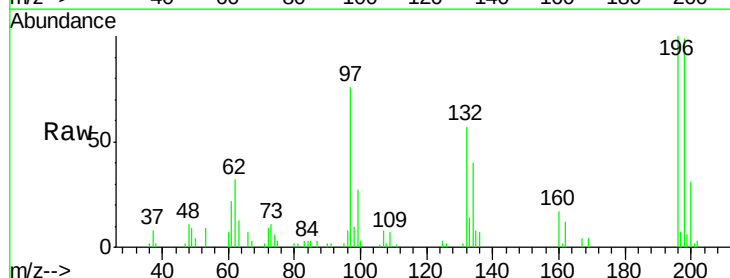
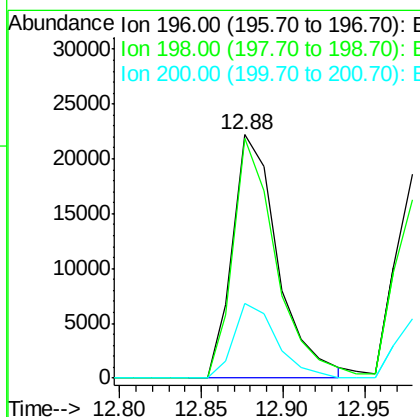
Manual Integrations
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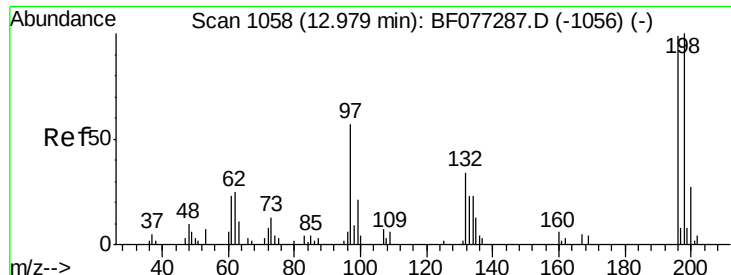
mohammad
 2/13/2015 5:40:50 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.21 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	98.6	75.8	113.8
200	30.5	23.3	34.9





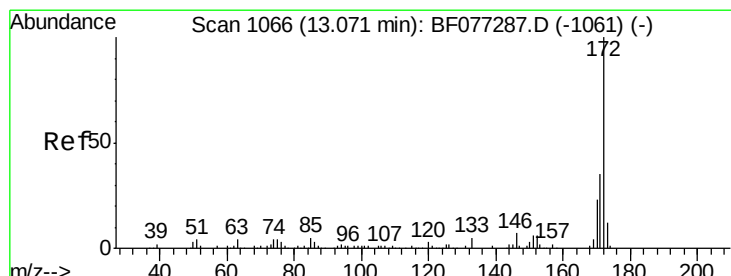
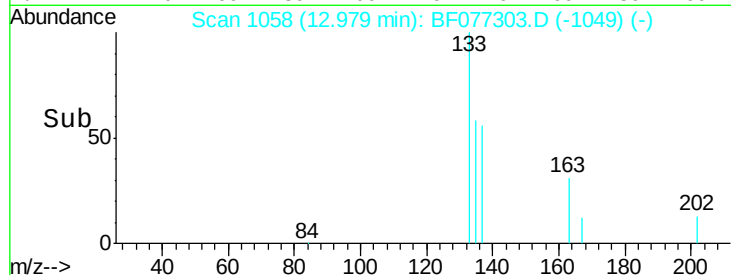
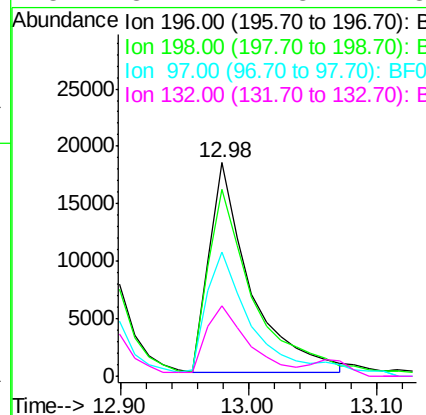
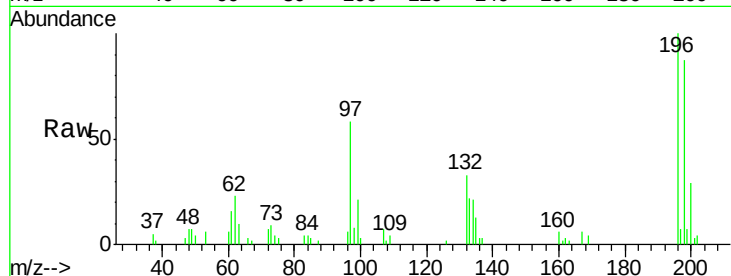
#43
 2,4,5-Trichlorophenol
 Concen: 42.72 ng/ml
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Tot Ion	196	Resp	40636
Ion Ratio	Lower	Upper	
196	100		
198	87.5	82.6	123.8
97	58.4	47.3	70.9
132	32.7	27.8	41.8

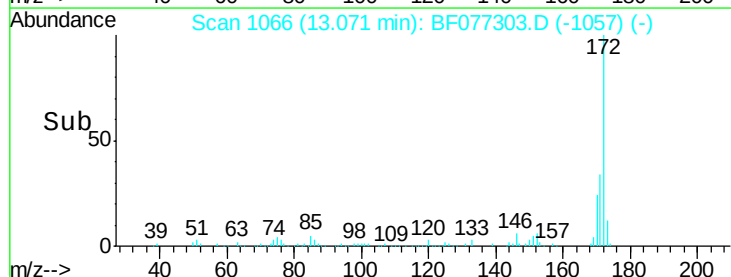
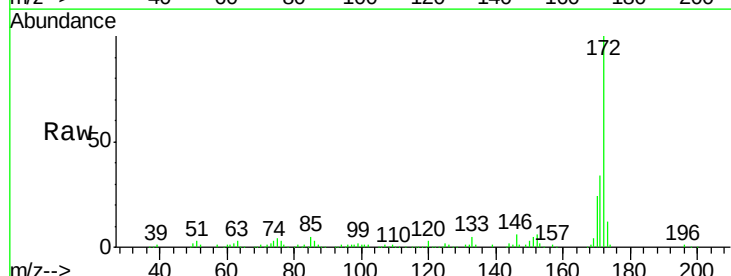
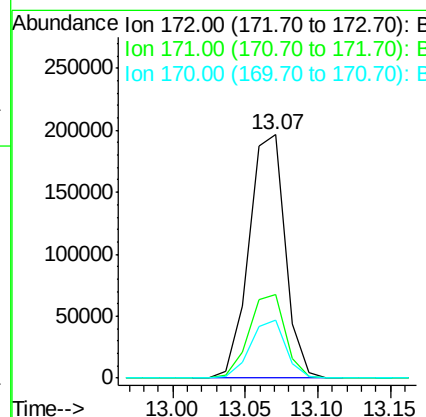
Manual Integrations
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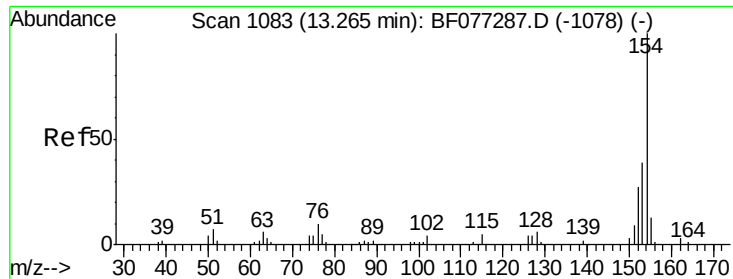
mohammad
 2/13/2015 5:40:50 PM



#44
 2-Fluorobiphenyl
 Concen: 87.31 ng/ml
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Tgt Ion	172	Resp	340104
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.8	41.8
170	23.8	18.3	27.5





#45

1,1'-Biphenyl

Concen: 43.07 ng

RT: 13.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

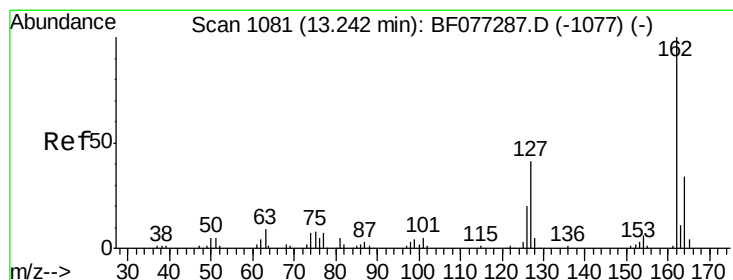
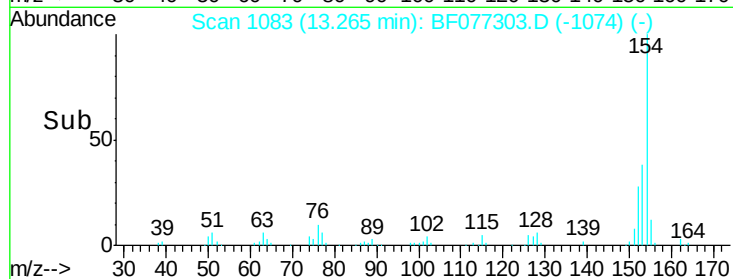
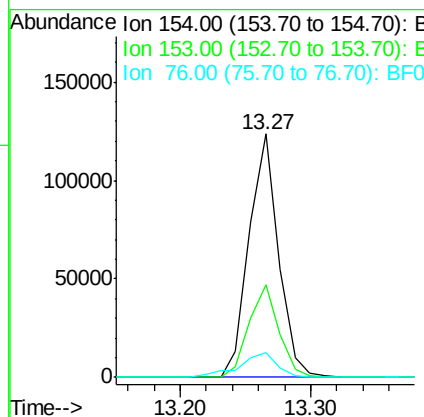
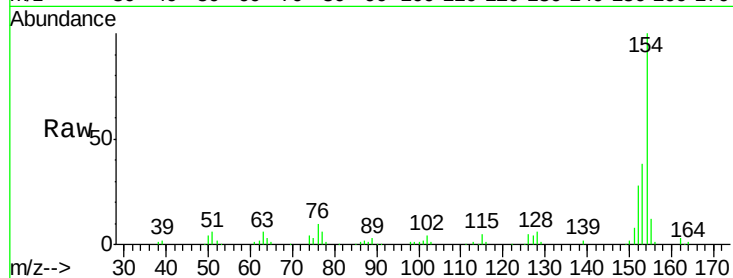
LabSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	194590
Ion Ratio	Lower	Upper	
154	100		
153	38.1	18.9	58.9
76	10.0	0.0	30.4

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 43.94 ng

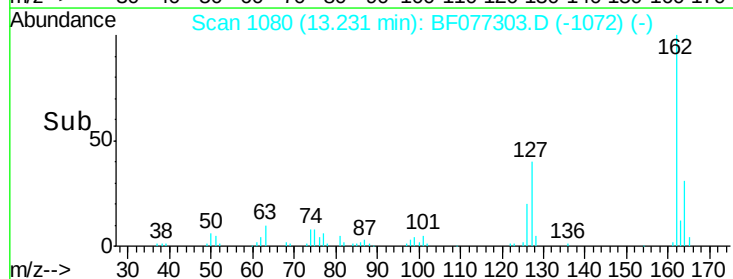
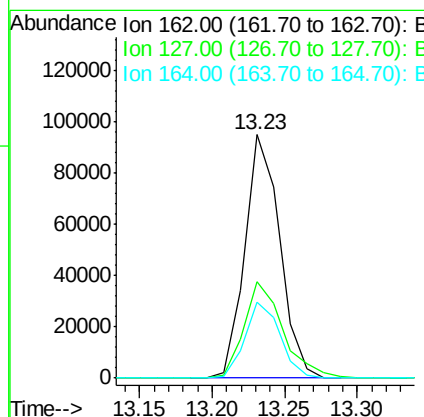
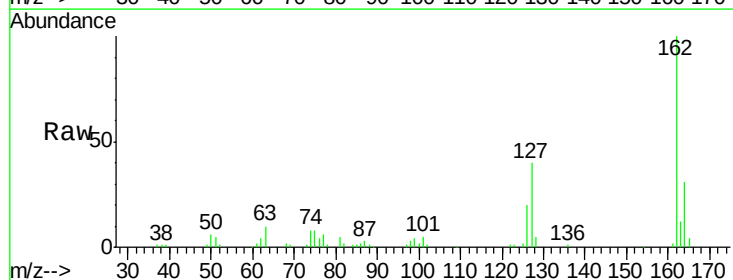
RT: 13.23 min Scan# 1080

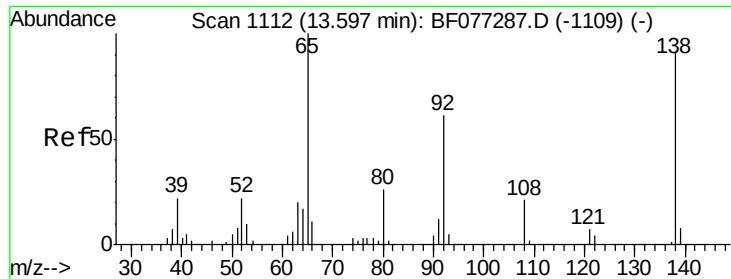
Delta R.T. -0.01 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Tgt Ion:	162	Resp:	158531
Ion Ratio	Lower	Upper	
162	100		
127	39.7	32.6	48.8
164	31.3	27.0	40.6





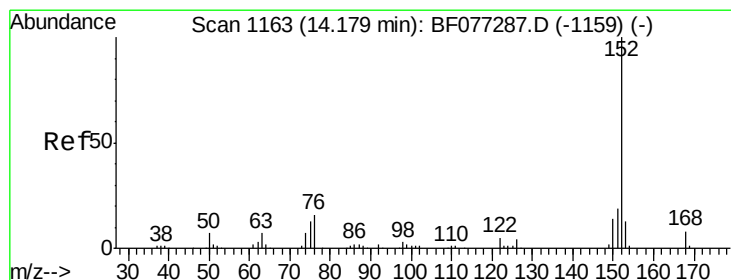
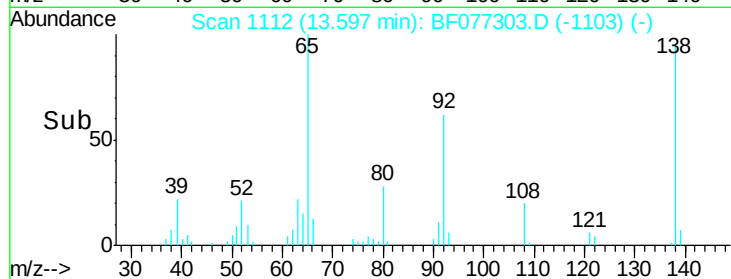
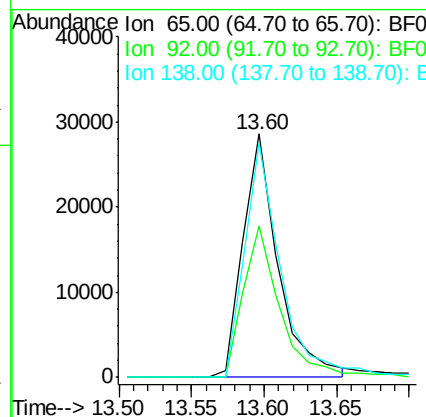
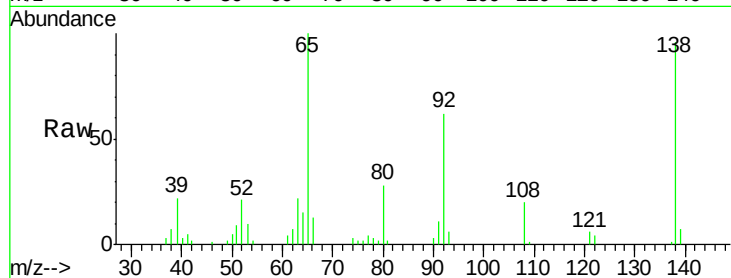
#47
2-Nitroaniline
Concen: 45.72 ng
RT: 13.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
65	100	48199		
92	62.1	48.7	73.1	
138	96.2	72.5	108.7	

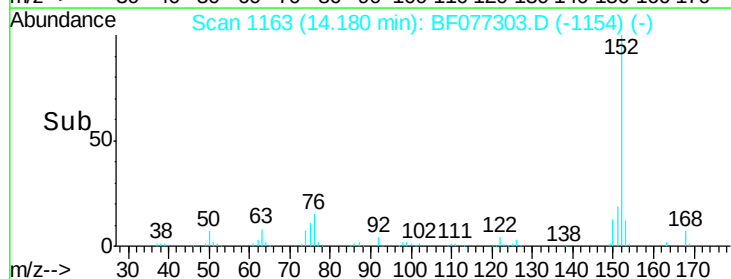
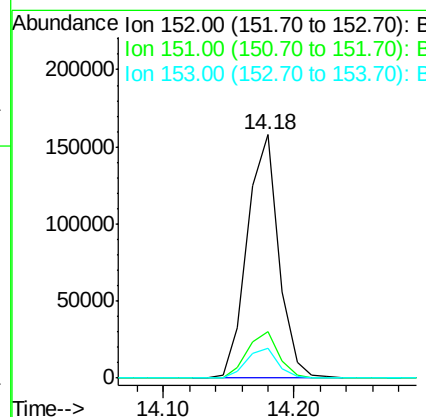
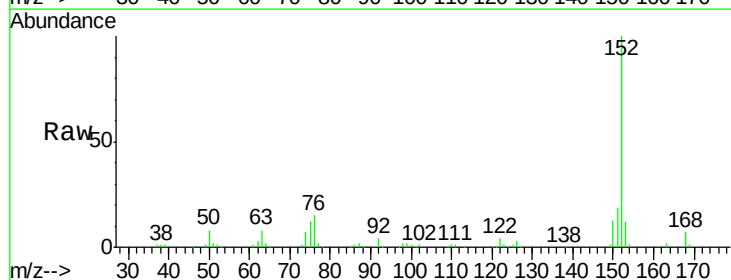
Manual Integrations
APPROVED

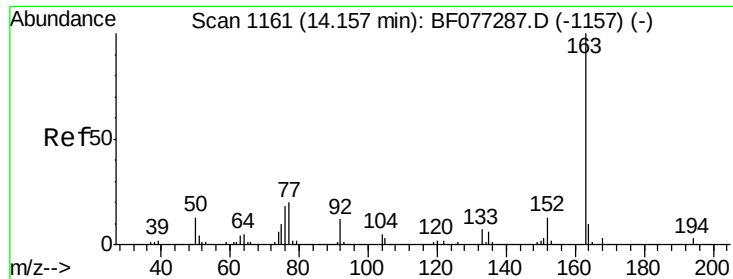
mohammad
2/13/2015 5:40:50 PM



#48
Acenaphthylene
Concen: 46.50 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	264715		
151	19.0	15.3	22.9	
153	12.1	10.2	15.2	





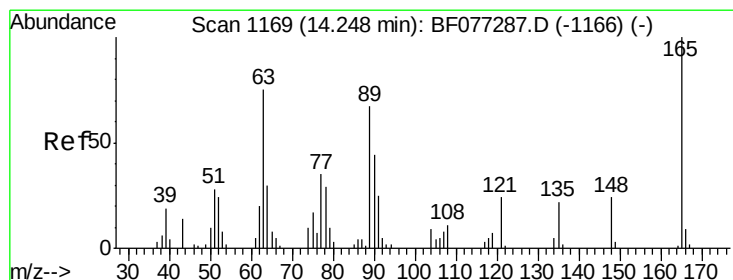
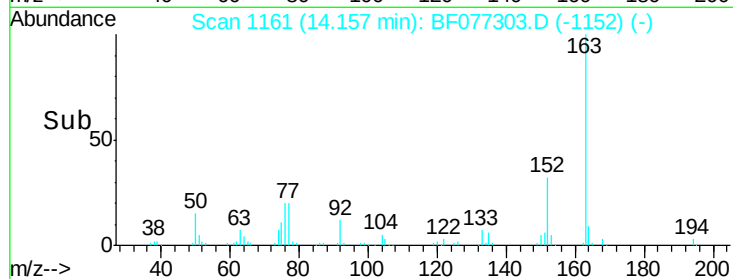
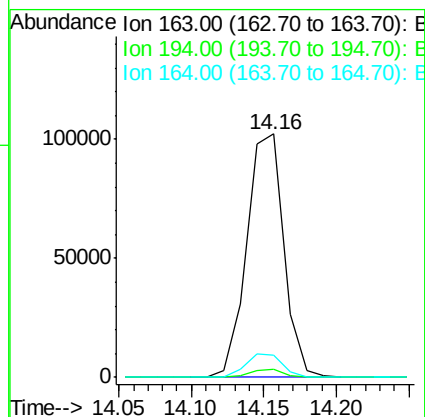
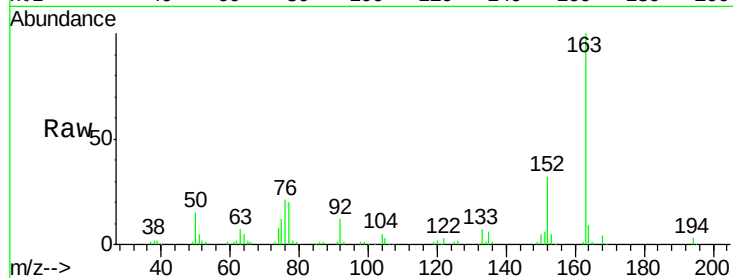
#49
Dimethylphthalate
Concen: 42.72 ng
RT: 14.16 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp Lower	Upper
163	100			
194	3.3	2.3	3.5	
164	9.3	7.6	11.4	

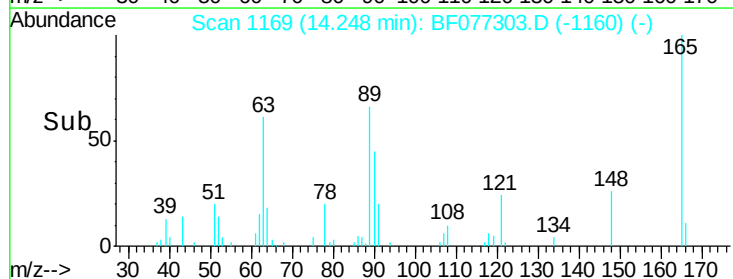
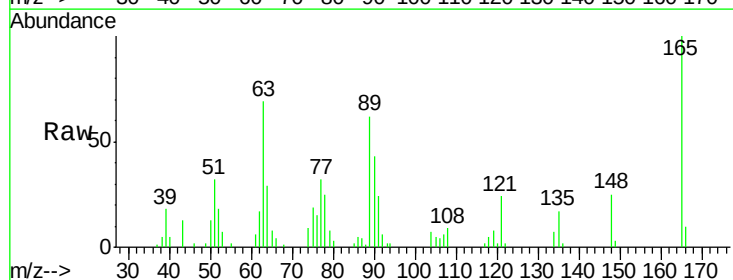
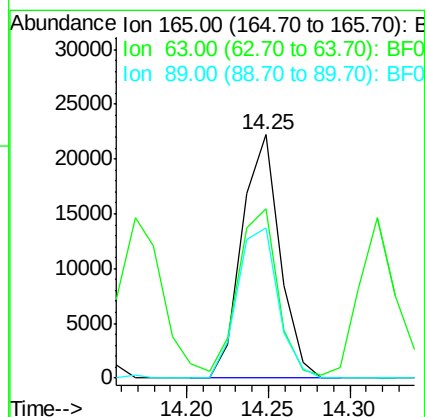
Manual Integrations
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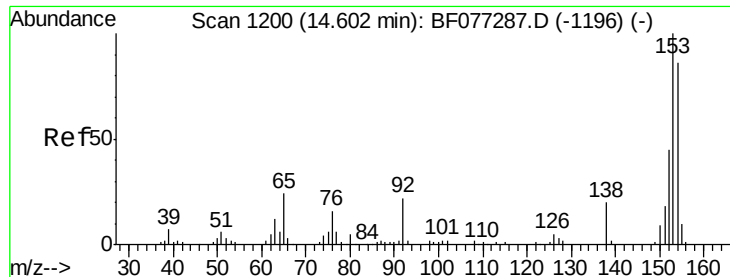
mohammad
2/13/2015 5:40:50 PM



#50
2,6-Dinitrotoluene
Concen: 43.54 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ion	Ratio	Resp Lower	Upper
165	100			
63	69.3	61.2	91.8	
89	61.7	53.7	80.5	





#51

Acenaphthene

Concen: 45.41 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

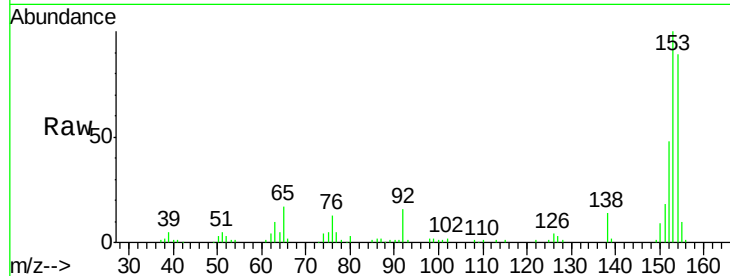
LabSampleId :

SSTDCCC040

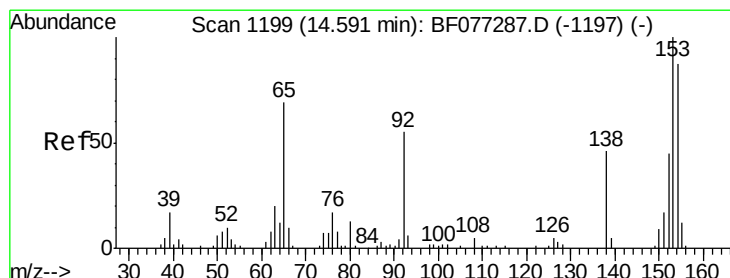
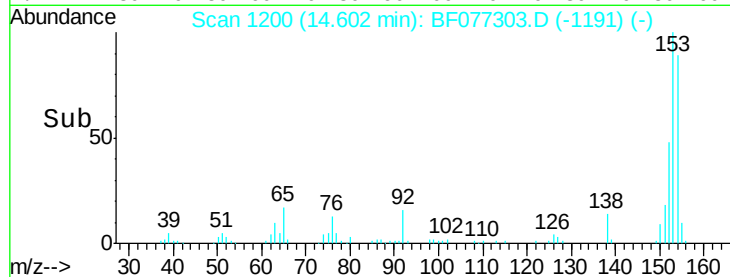
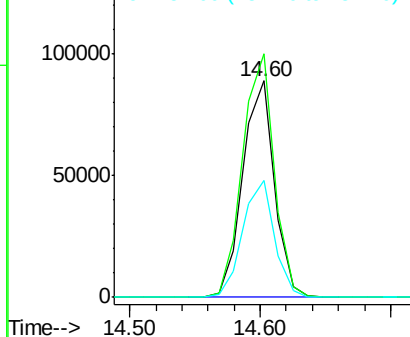
Tot Ion:	154	Resp:	149727
Ion Ratio	Lower	Upper	
154	100		
153	112.4	92.5	138.7
152	54.0	42.1	63.1

Manual Integrations
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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: 40.78 ng

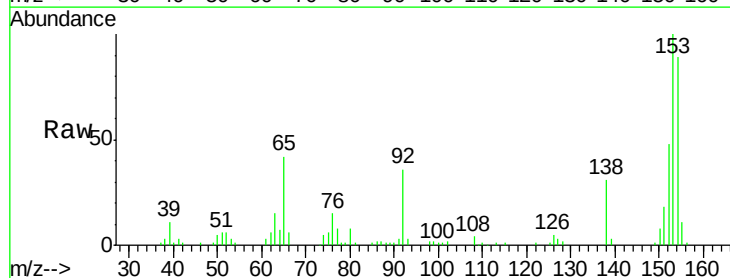
RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

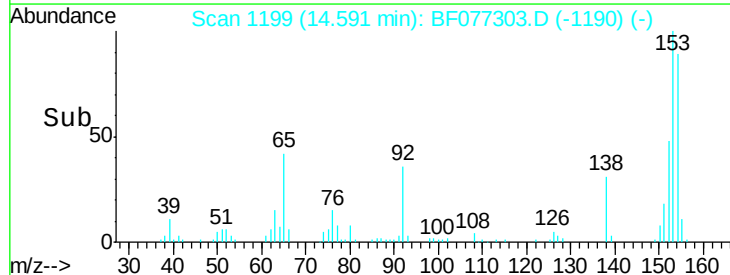
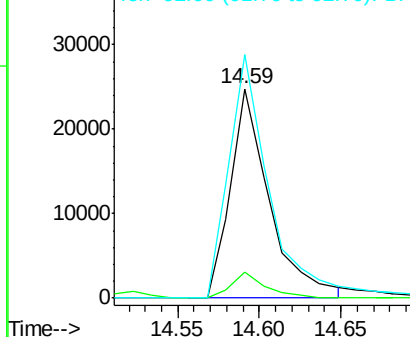
Lab File: BF077303.D

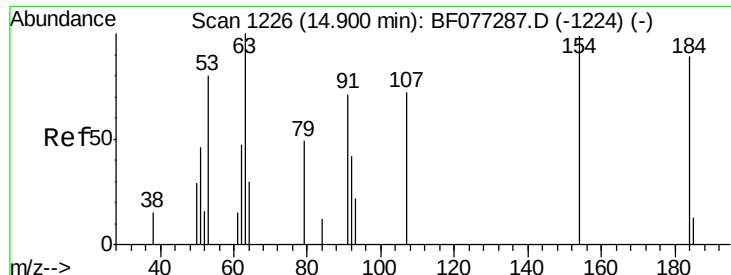
Acq: 13 Feb 2015 2:20

Tgt Ion:	138	Resp:	40895
Ion Ratio	Lower	Upper	
138	100		
108	12.7	9.5	14.3
92	116.2	95.8	143.6



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





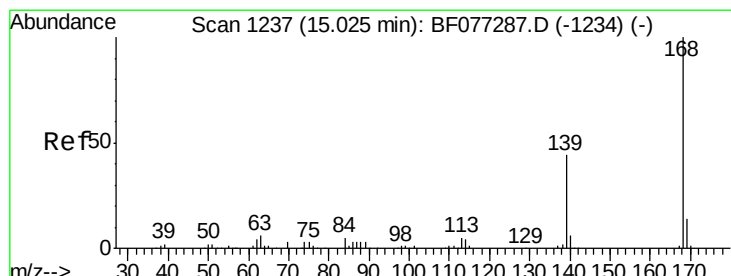
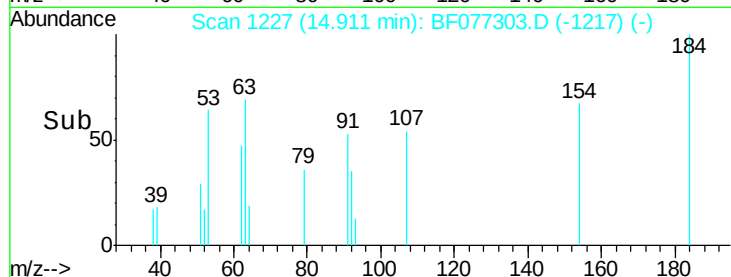
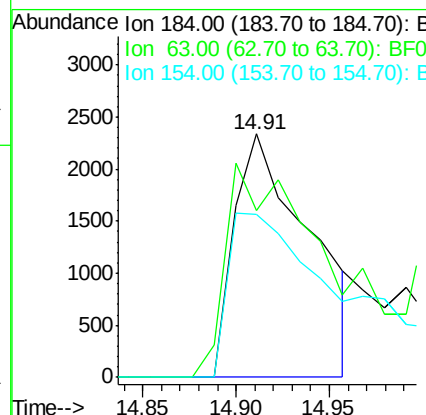
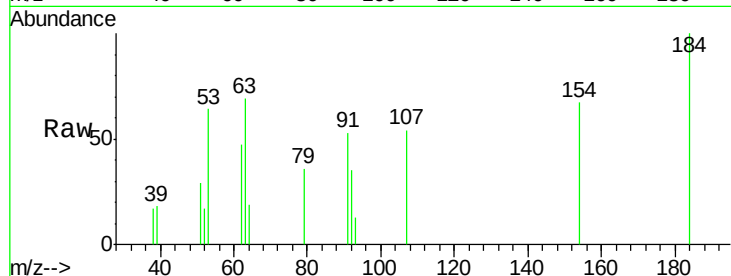
#53
2,4-Dinitrophenol
Concen: 36.51 ng
RT: 14.91 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion:184 Resp: 6546
Ion Ratio Lower Upper
184 100
63 68.6 90.2 135.4#
154 67.0 89.7 134.5#

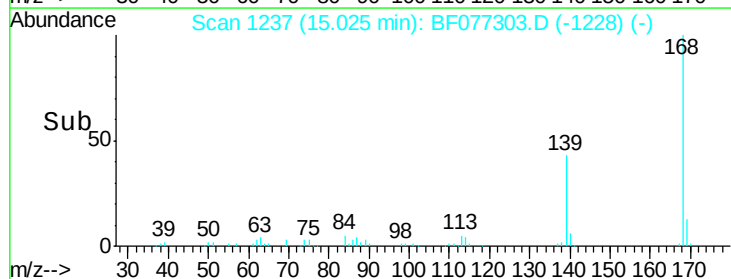
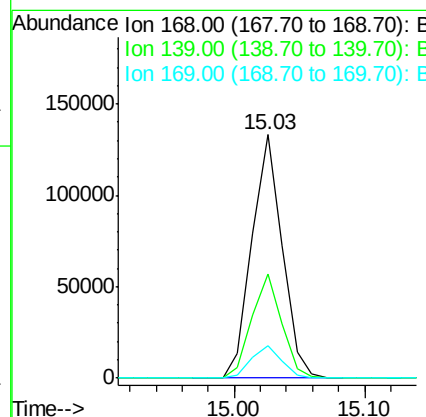
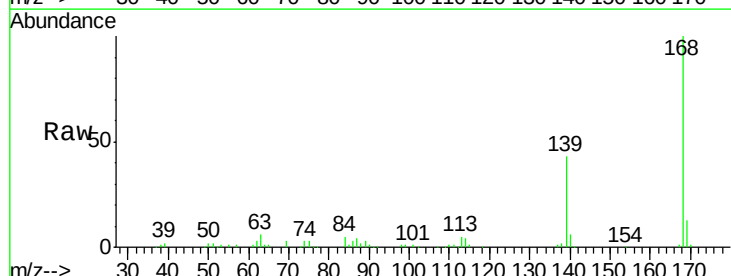
Manual Integrations
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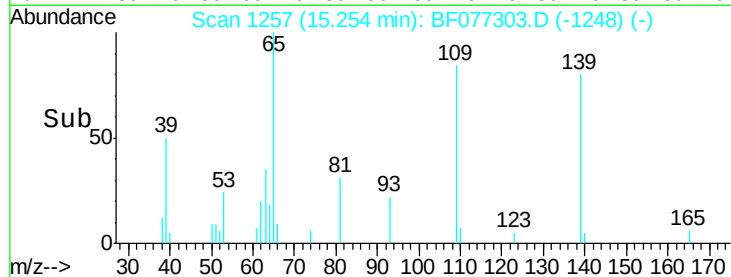
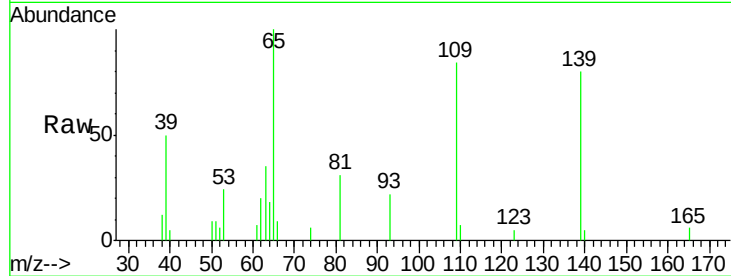
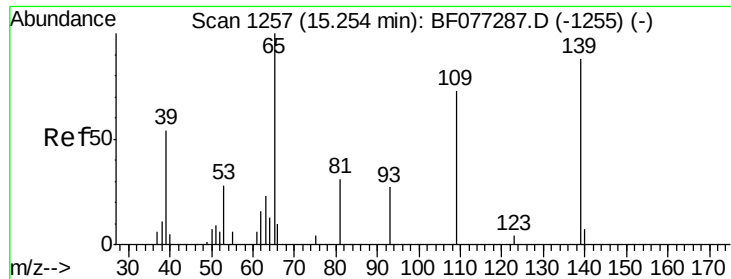
mohammad
2/13/2015 5:40:50 PM



#54
Dibenzofuran
Concen: 42.41 ng
RT: 15.03 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion:168 Resp: 216217
Ion Ratio Lower Upper
168 100
139 42.6 35.6 53.4
169 13.2 10.9 16.3





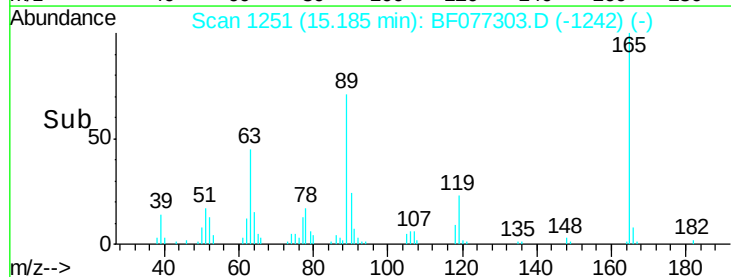
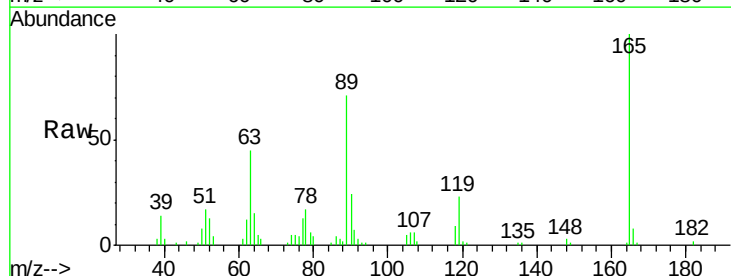
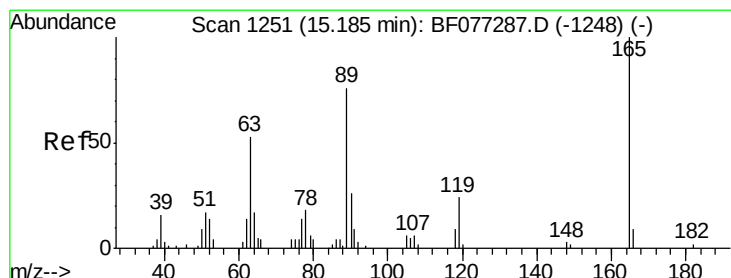
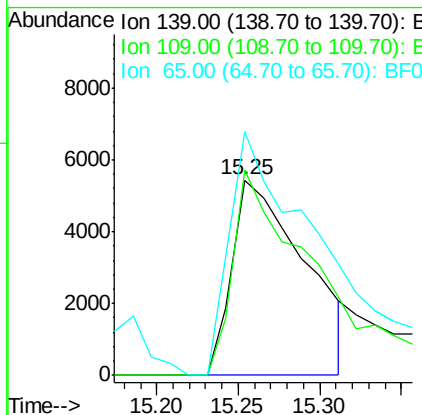
#55
4-Nitrophenol
Concen: 34.36 ng
RT: 15.25 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	104.8	62.7	102.7#	
65	124.6	93.5	133.5	

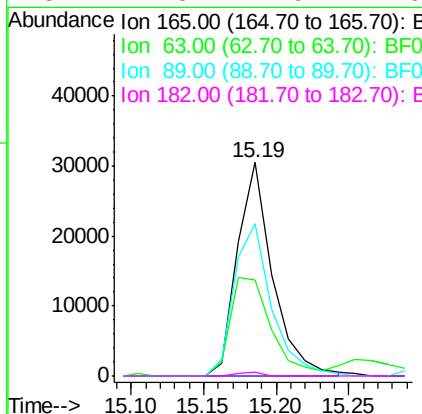
Manual Integrations
APPROVED

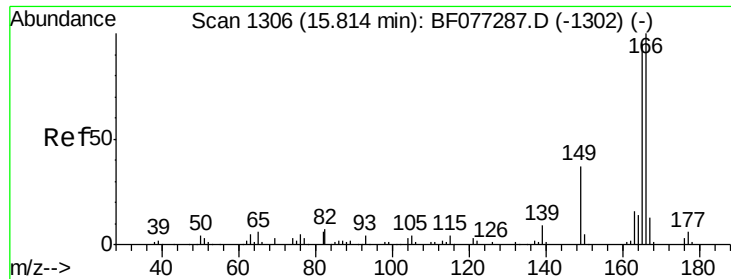
mohammad
2/13/2015 5:40:50 PM



#56
2,4-Dinitrotoluene
Concen: 43.86 ng
RT: 15.19 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.2	42.4	63.6	
89	71.3	61.1	91.7	
182	1.8	1.9	2.9#	





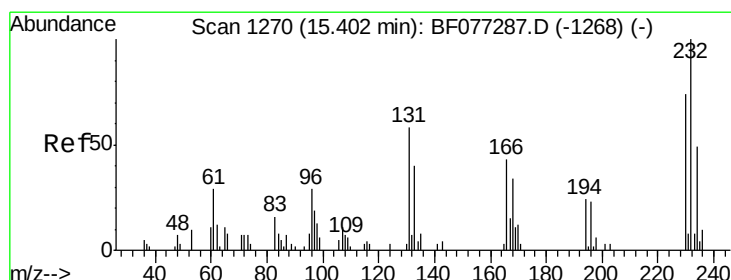
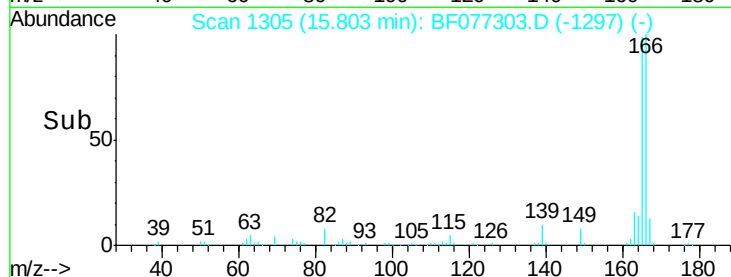
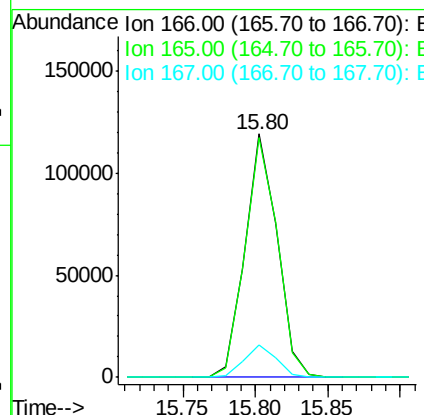
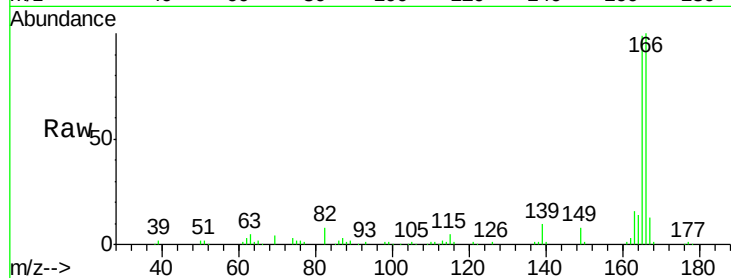
#57
Fluorene
Concen: 43.94 ng
RT: 15.80 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	75.9	113.9	
167	13.1	10.2	15.4	

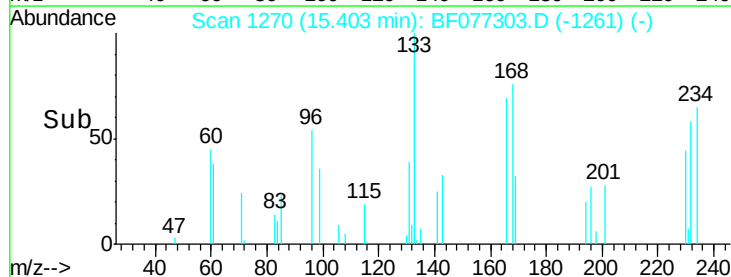
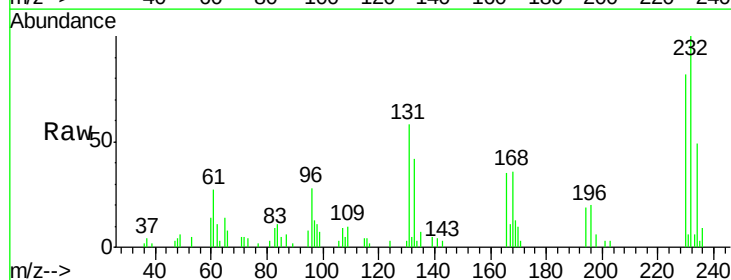
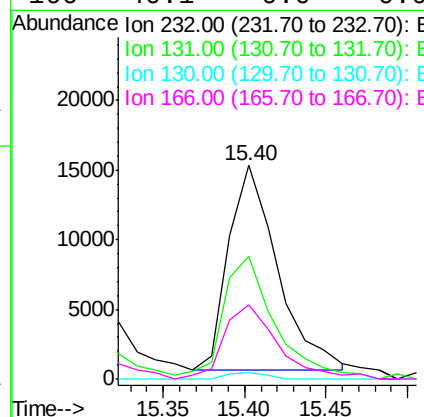
Manual Integrations
APPROVED

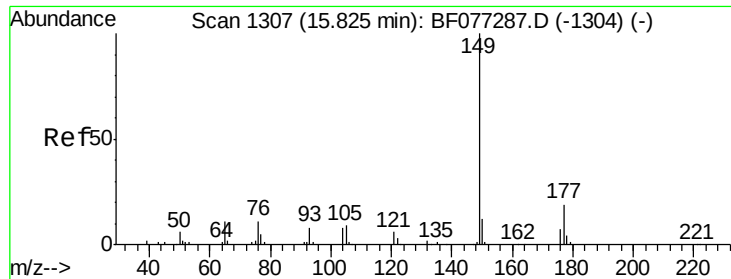
mohammad
2/13/2015 5:40:50 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 47.05 ng
RT: 15.40 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	57.1	0.0	0.0#	
130	2.6	0.0	0.0#	
166	40.1	0.0	0.0#	





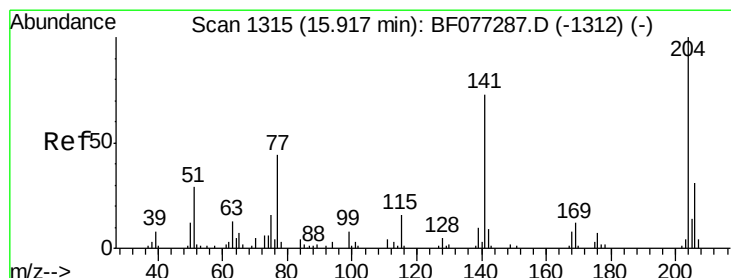
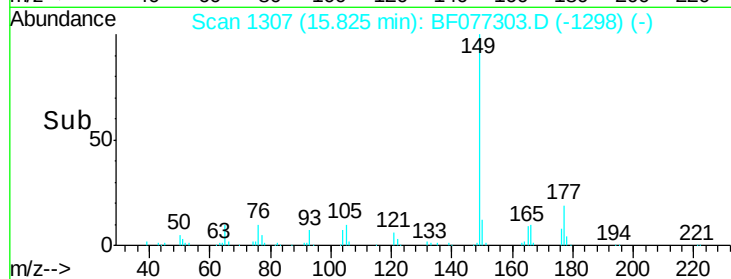
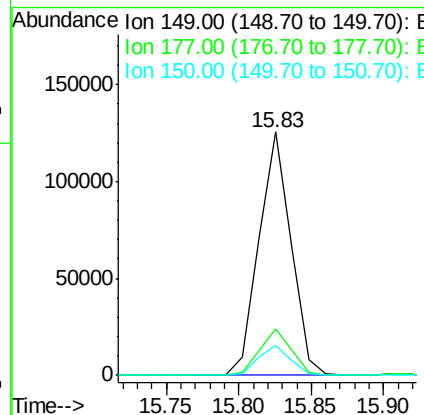
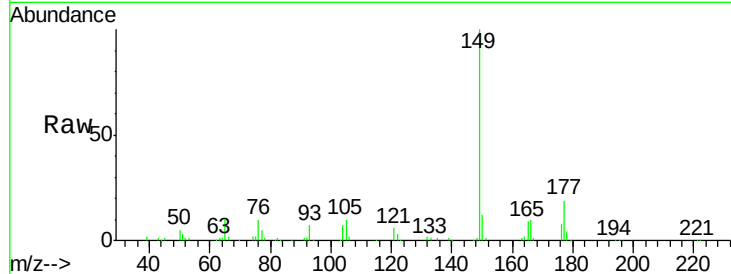
#59
Diethylphthalate
Concen: 43.40 ng
RT: 15.83 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	19.3	15.0	22.4
150	12.0	9.4	14.2

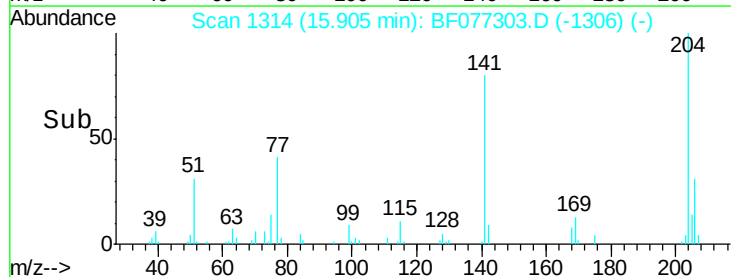
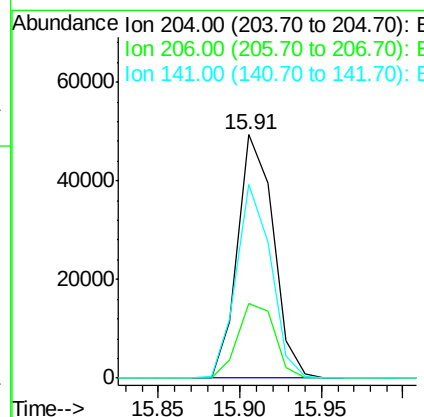
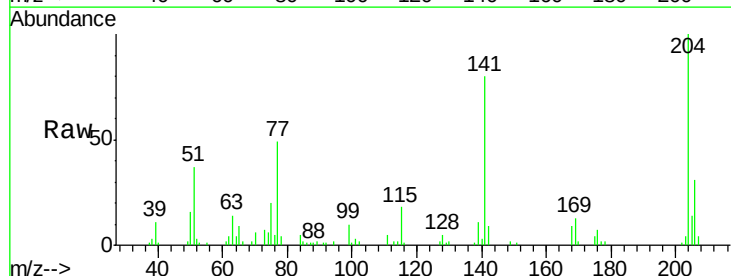
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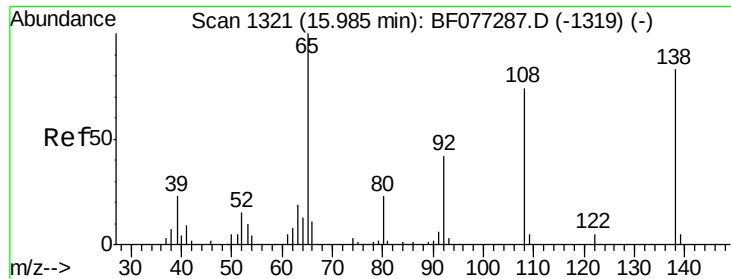
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.11 ng
RT: 15.91 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	30.5	25.0	37.6
141	79.7	58.6	87.8





#61

4-Nitroaniline

Concen: 45.10 ng

RT: 15.99 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

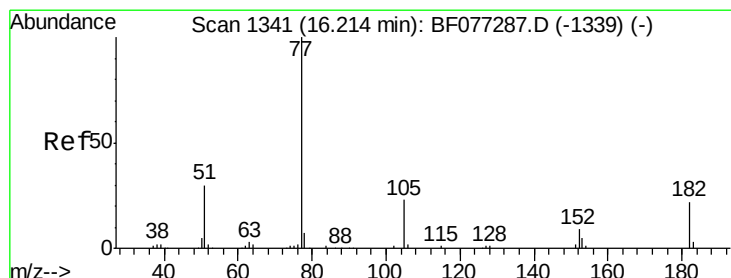
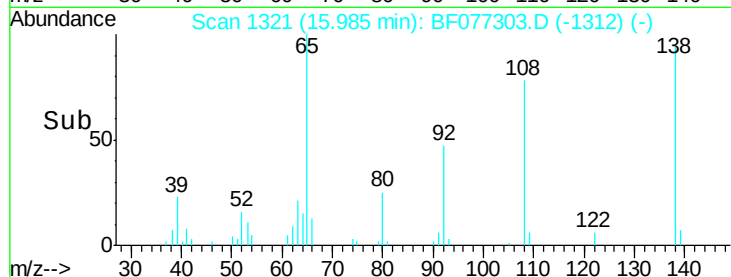
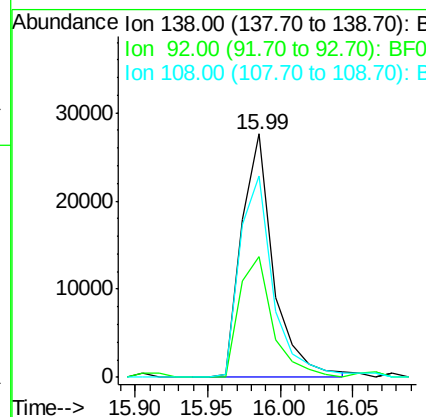
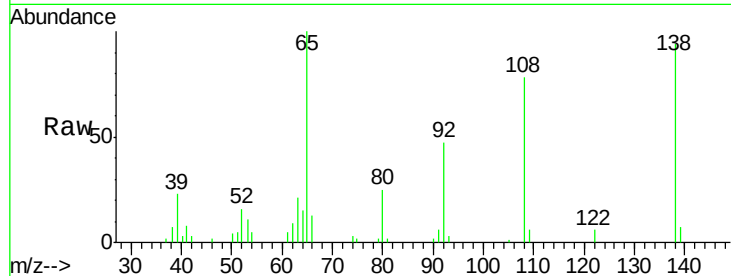
LabSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
138	100		42171		
92	49.7	30.7	70.7		
108	82.7	69.7	109.7		

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#62

Azobenzene

Concen: 42.84 ng m

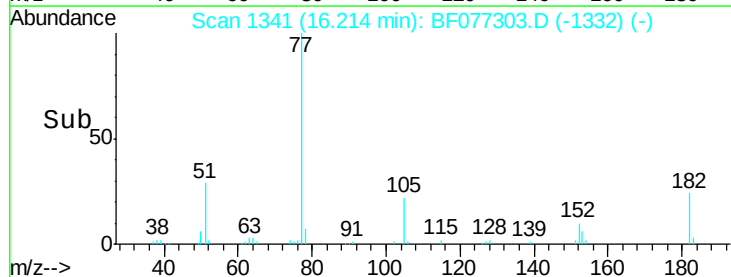
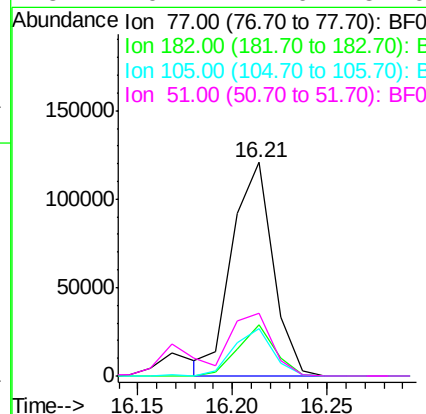
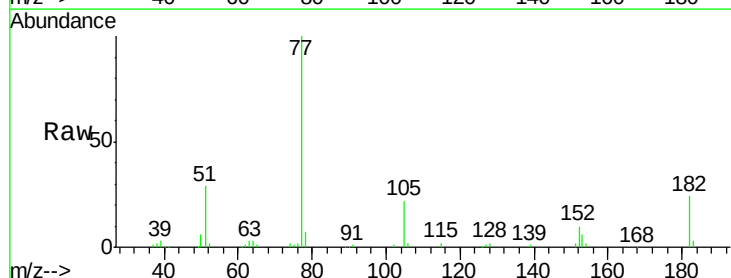
RT: 16.21 min Scan# 1341

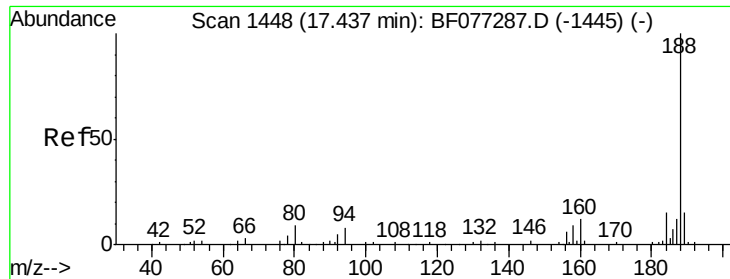
Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		180420		
182	23.7	0.9	40.9		
105	22.2	2.2	42.2		
51	29.2	12.0	52.0		





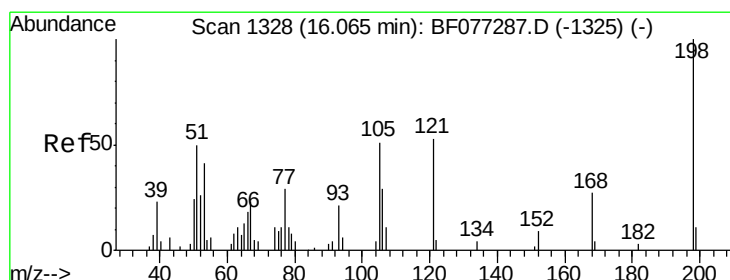
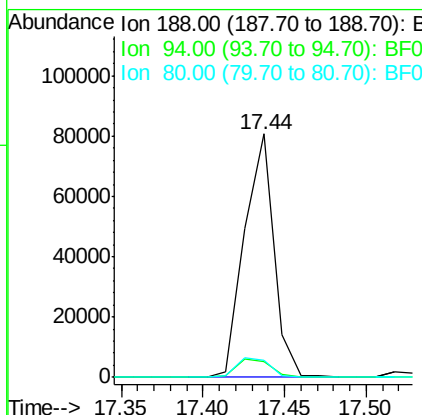
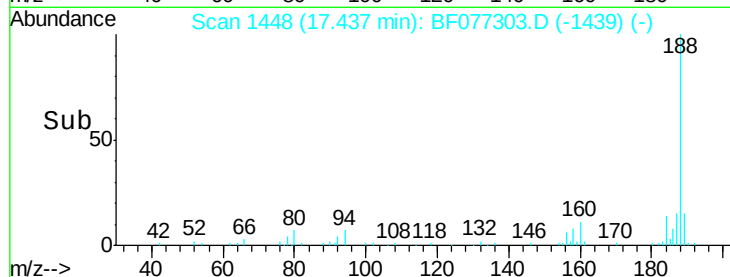
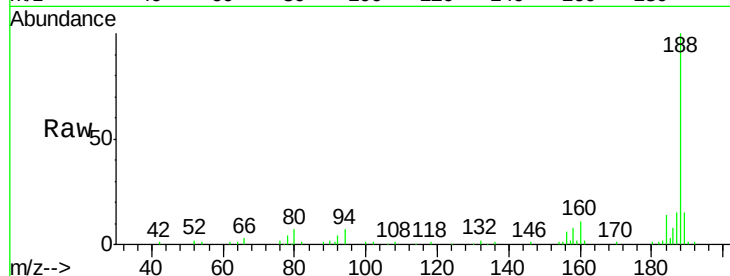
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.6	6.5	9.7
80	6.9	7.1	10.7

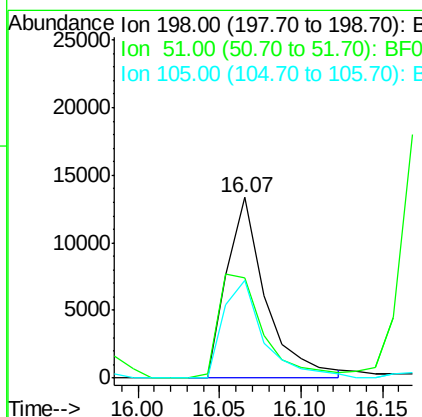
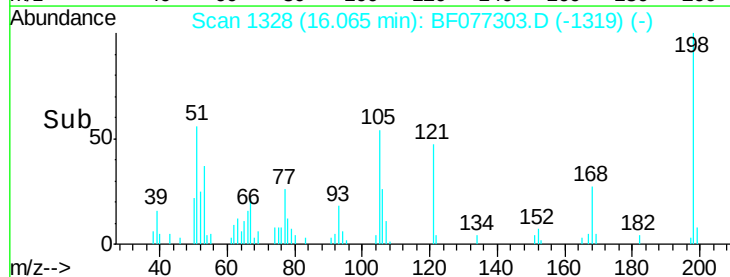
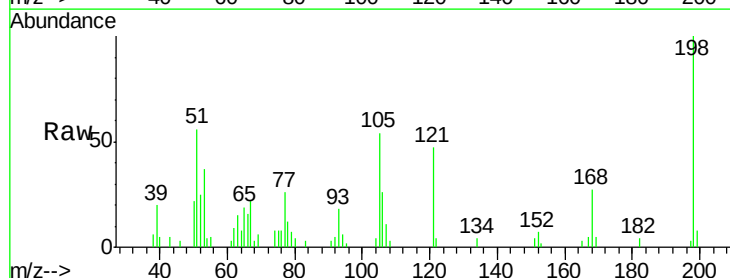
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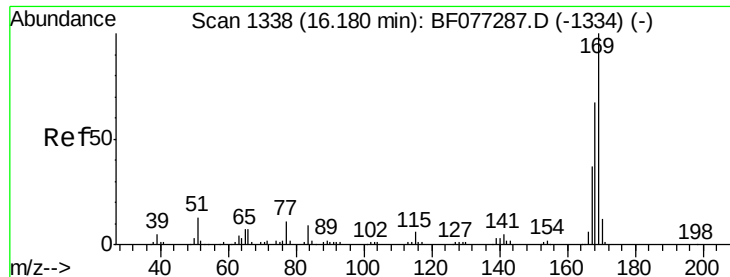
mohammad
2/13/2015 5:40:50 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.35 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	55.5	33.8	73.8
105	53.9	30.9	70.9





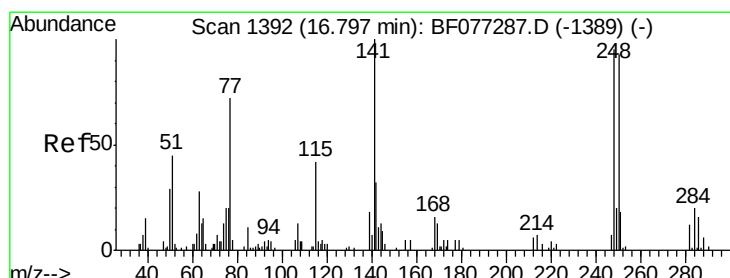
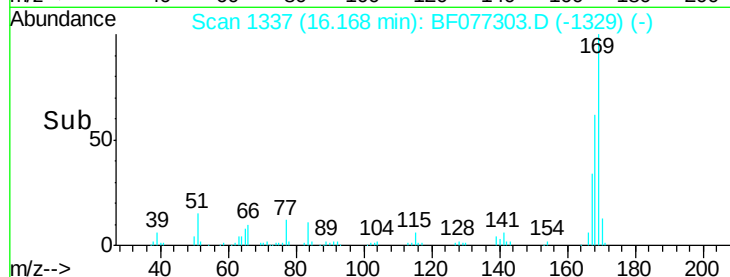
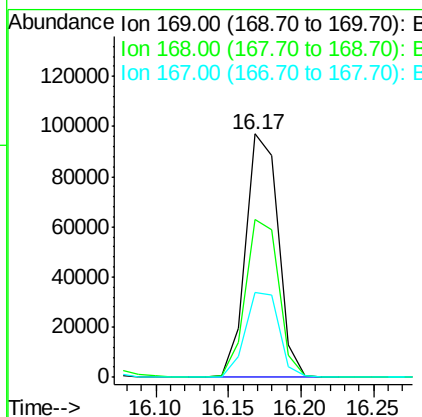
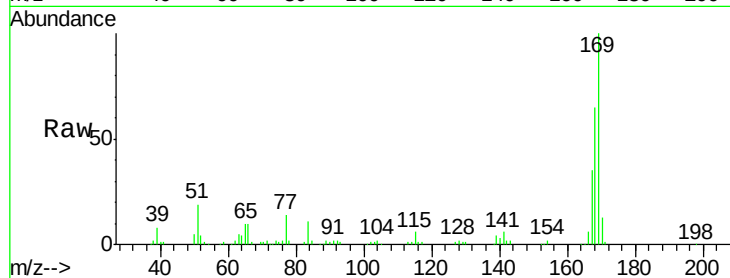
#65
n-Nitrosodiphenylamine
Concen: 41.80 ng
RT: 16.17 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	150495		
168	64.7	53.9	80.9	
167	35.1	29.6	44.4	

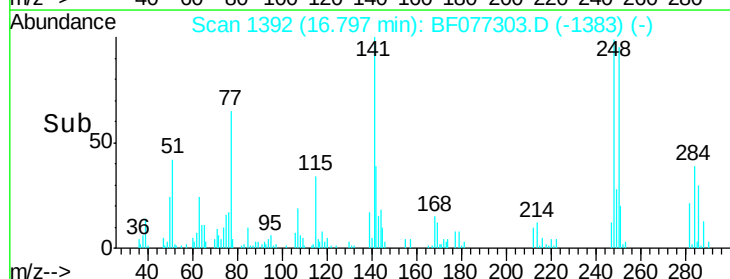
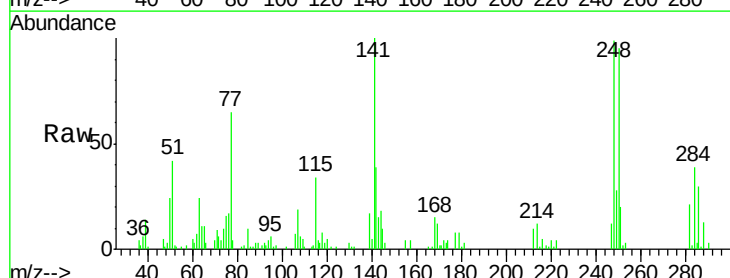
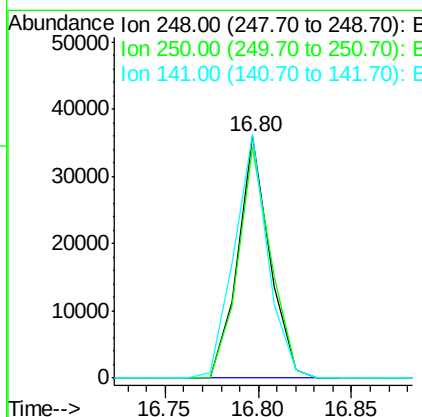
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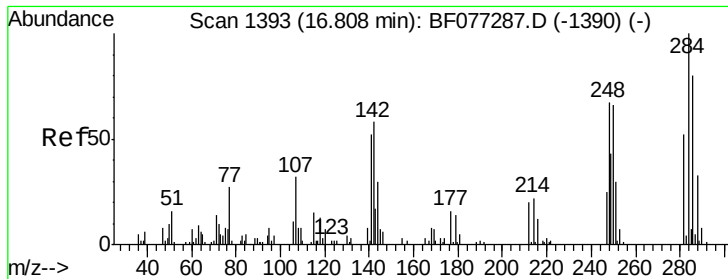
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#66
4-Bromophenyl-phenylether
Concen: 40.44 ng
RT: 16.80 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	42658		
250	95.7	77.8	116.8	
141	100.7	83.8	125.6	





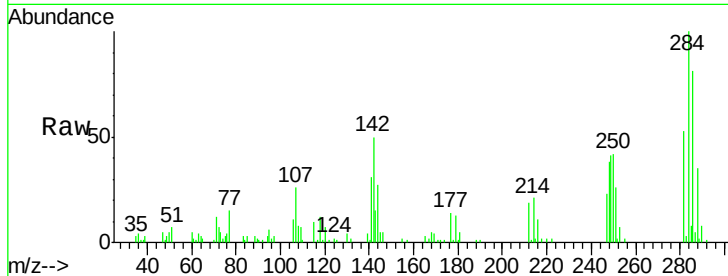
#67
Hexachlorobenzene
Concen: 41.37 ng
RT: 16.81 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

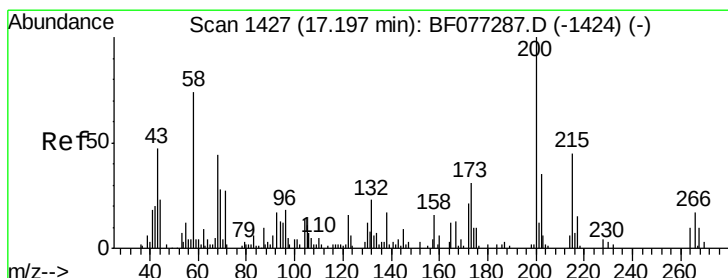
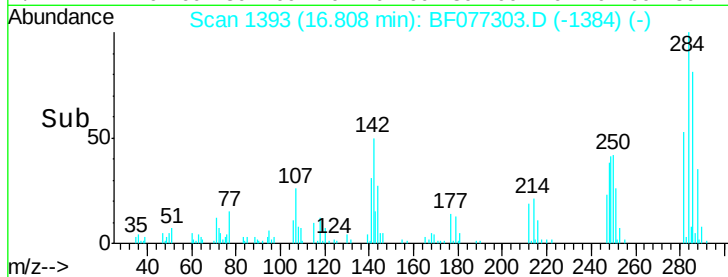
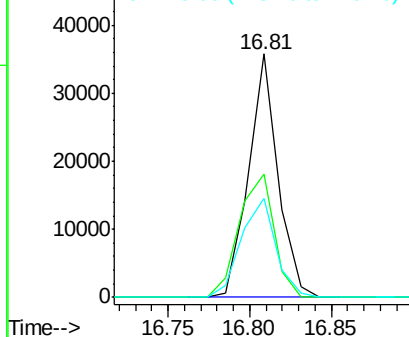
Tot Ion	Ratio	Resp	Lower	Upper
284	100	44435		
142	50.4	46.2	69.4	
249	40.6	34.5	51.7	

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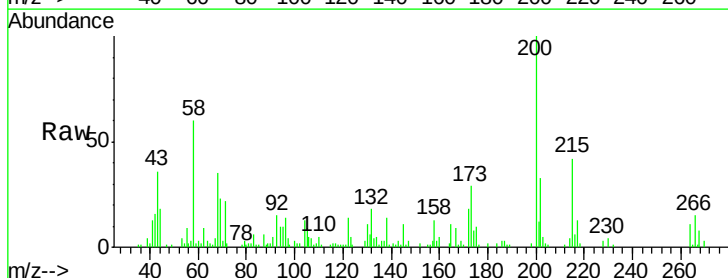


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

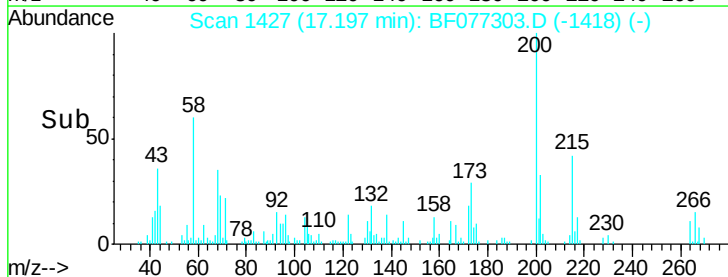
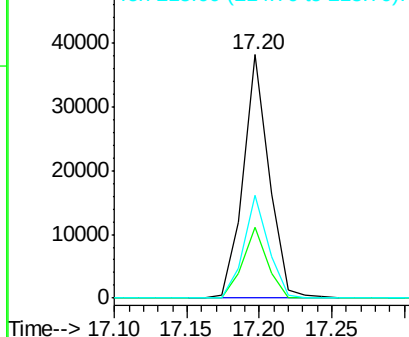


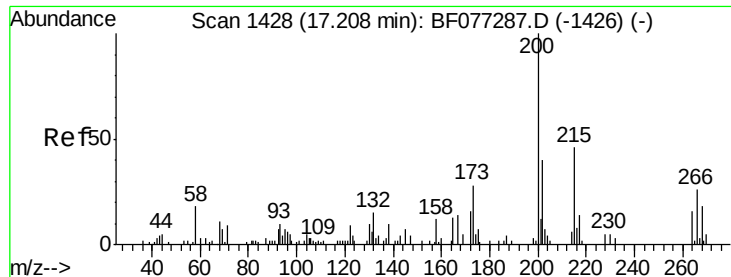
#68
Atrazine
Concen: 41.52 ng
RT: 17.20 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	47348		
173	29.2	11.3	51.3	
215	42.0	25.3	65.3	



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





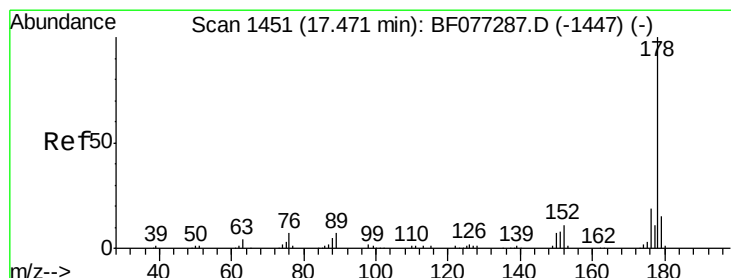
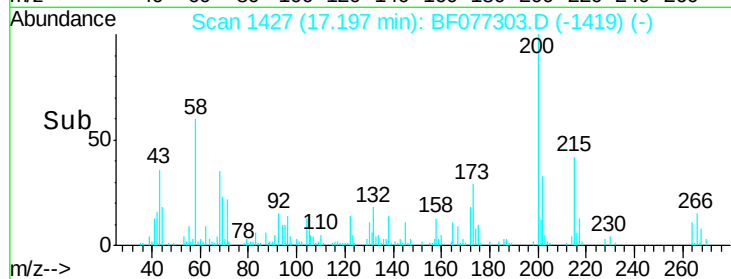
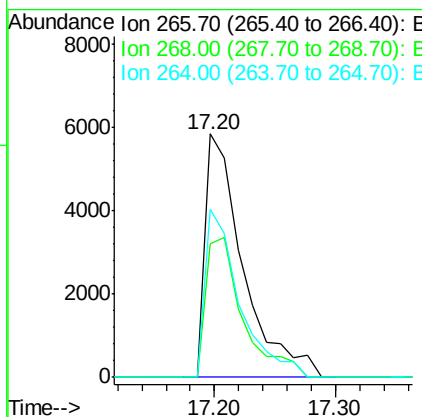
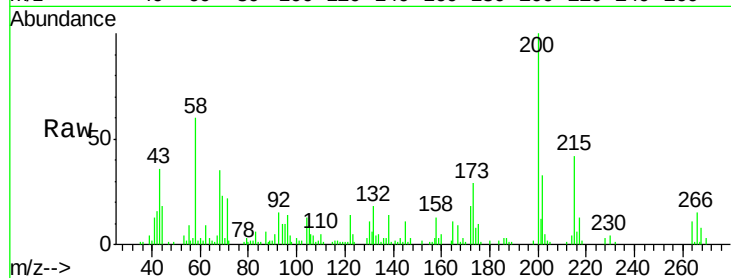
#69
 Pentachlorophenol
 Concen: 43.19 ng/mL
 RT: 17.20 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	55.0	55.0	82.6
264	69.0	49.5	74.3

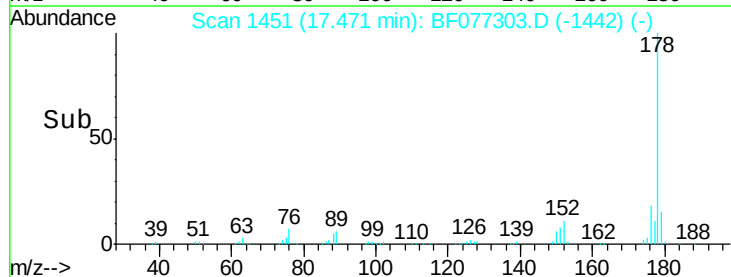
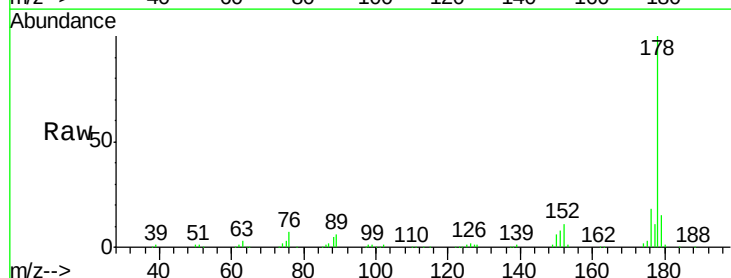
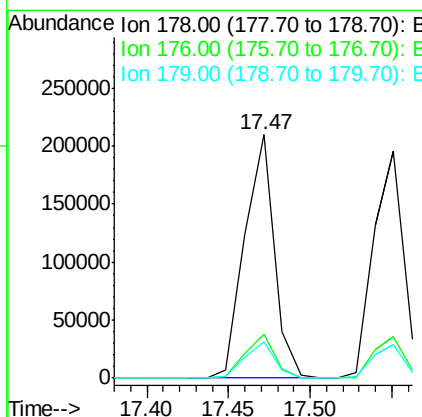
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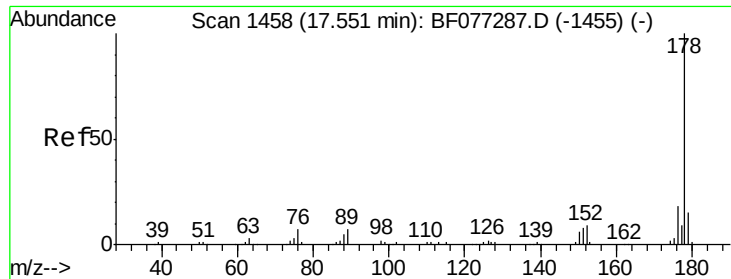
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#70
 Phenanthrene
 Concen: 43.33 ng/mL
 RT: 17.47 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	14.8	12.1	18.1





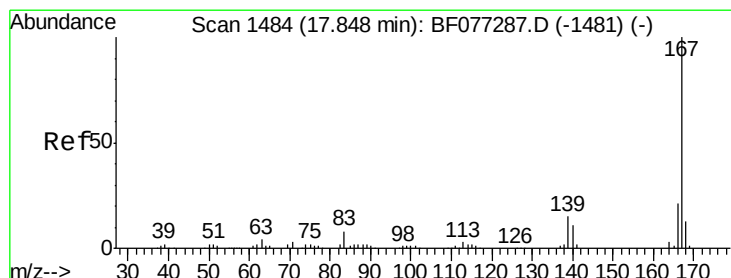
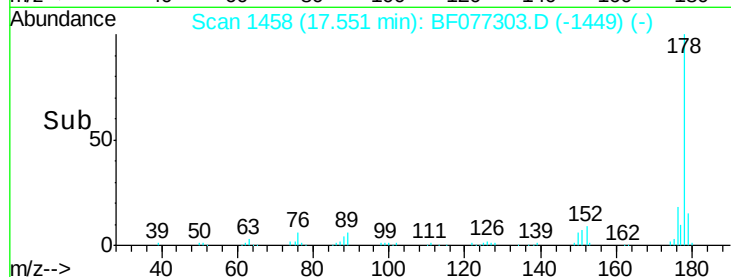
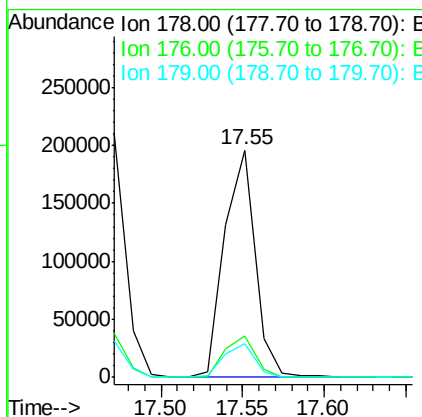
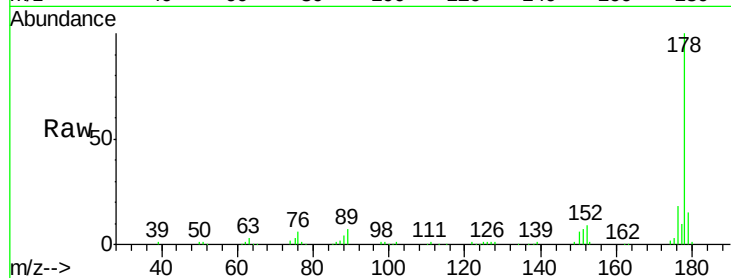
#71
 Anthracene
 Concen: 41.95 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	14.6	12.1	18.1

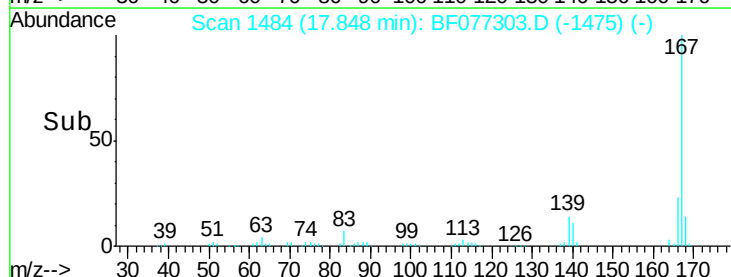
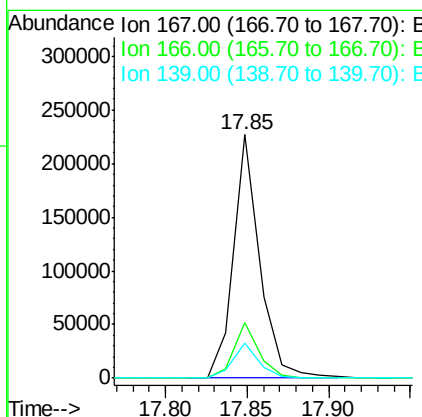
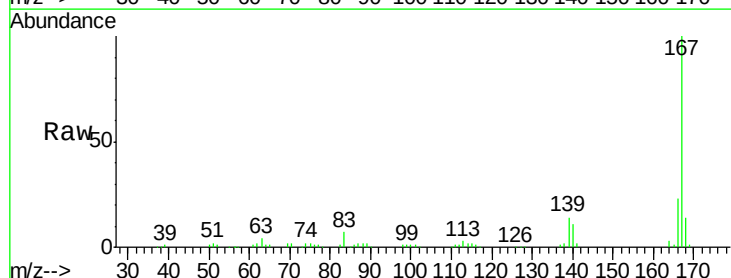
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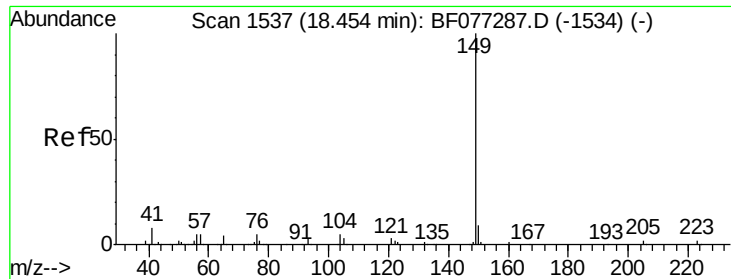
mohammad
 2/13/2015 5:40:50 PM



#72
 Carbazole
 Concen: 43.13 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.0	25.6
139	14.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.70 ng

RT: 18.45 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

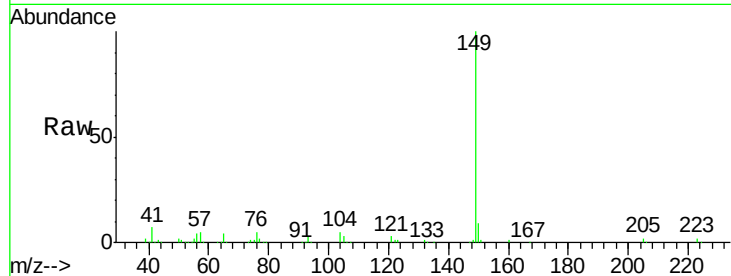
LabSampleId :

SSTDCCC040

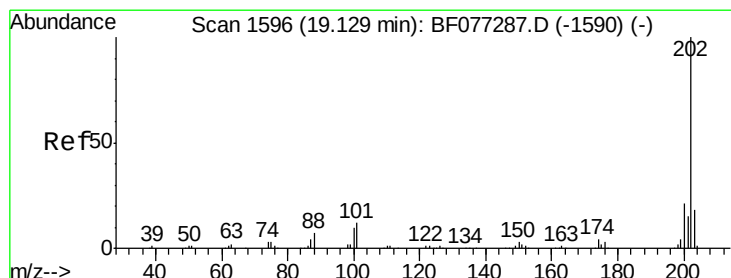
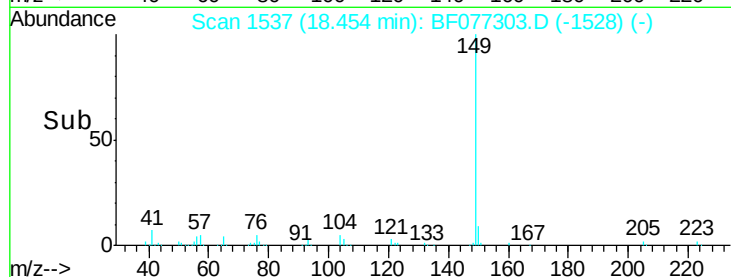
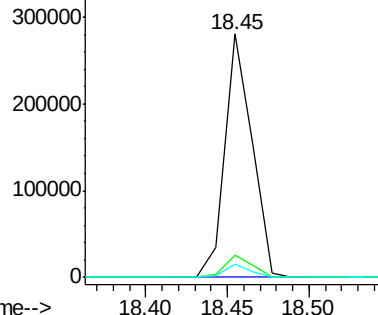
Tot Ion:	149	Resp:	324474
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.2
104	5.2	4.2	6.2

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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: 44.08 ng

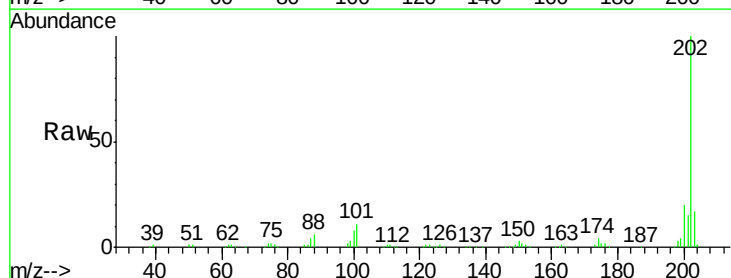
RT: 19.13 min Scan# 1596

Delta R.T. 0.00 min

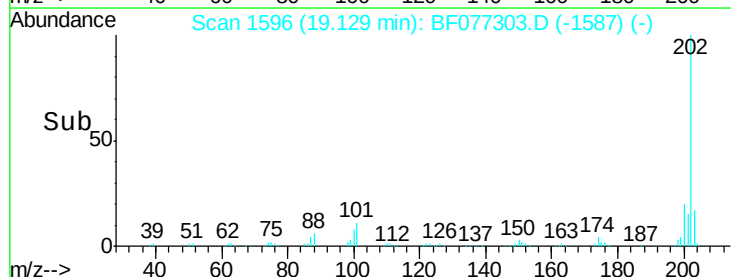
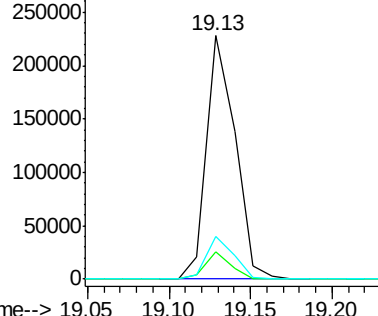
Lab File: BF077303.D

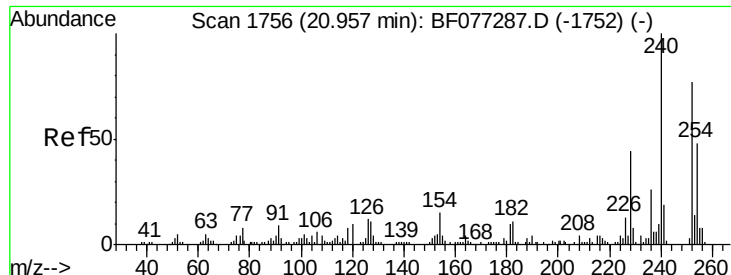
Acq: 13 Feb 2015 2:20

Tgt Ion:	202	Resp:	276405
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	32.4
203	17.4	0.0	37.8



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: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

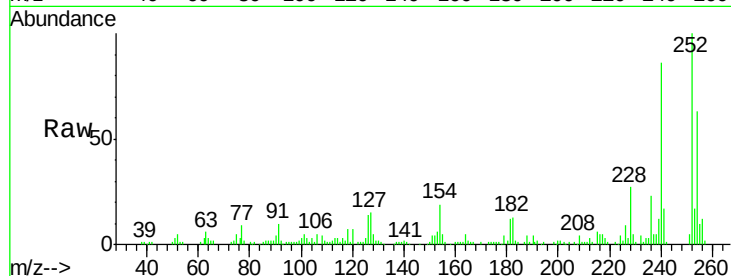
LabSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.8	11.8#
236	26.8	20.4	30.6

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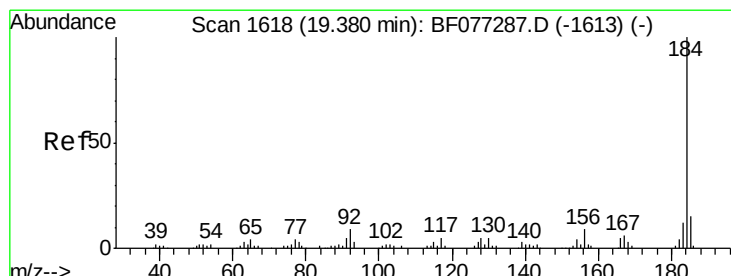
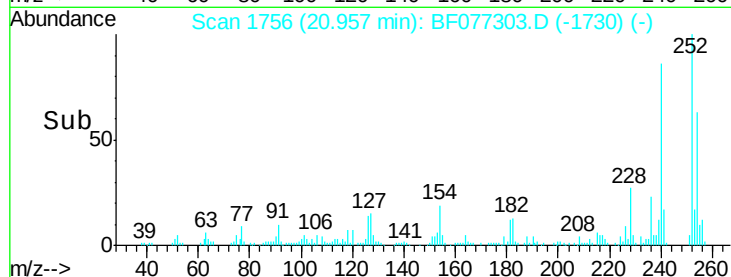
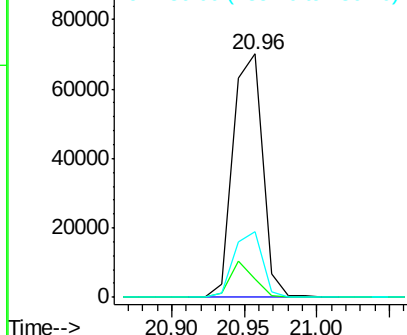
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.65 ng

RT: 19.38 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF077303.D

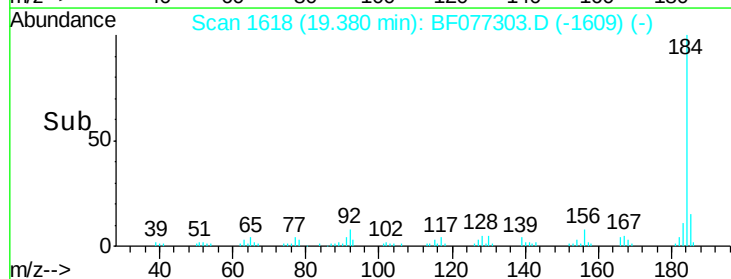
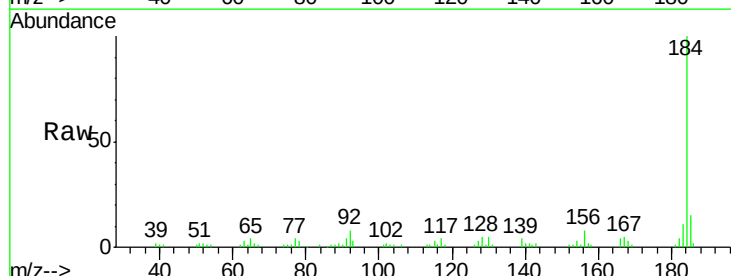
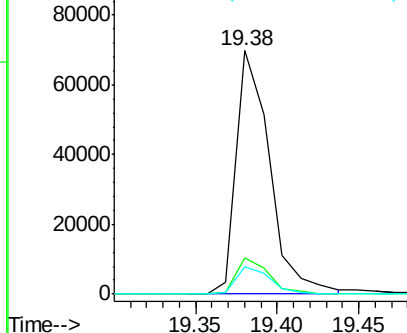
Acq: 13 Feb 2015 2:20

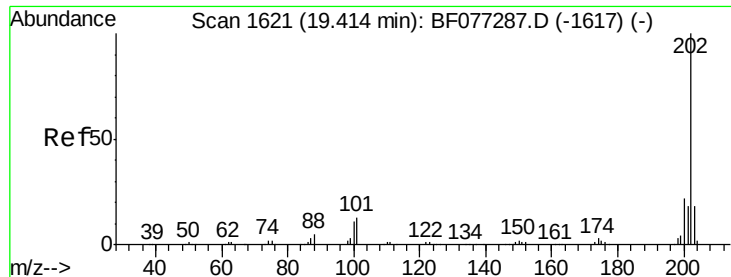
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.0	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





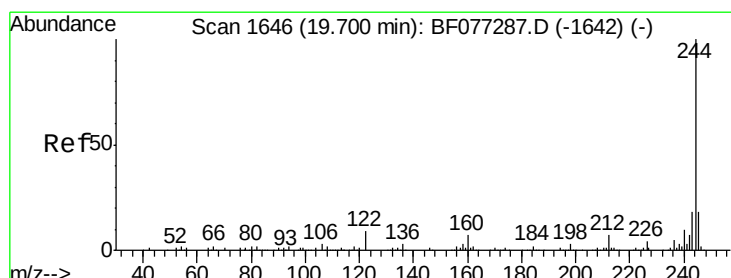
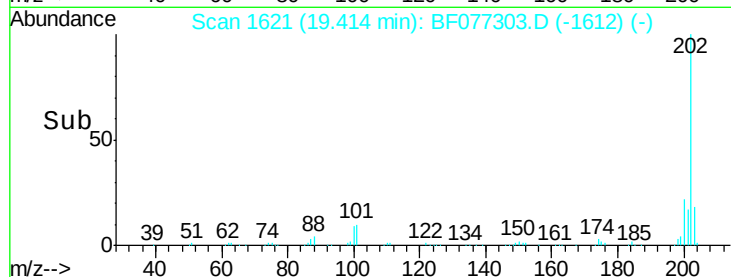
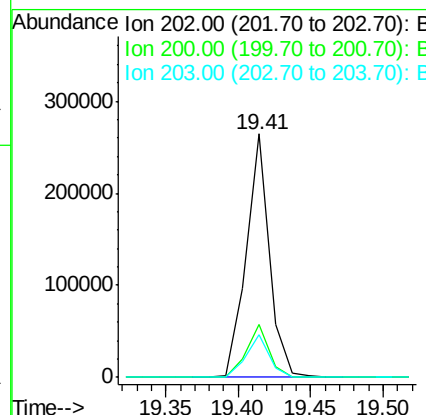
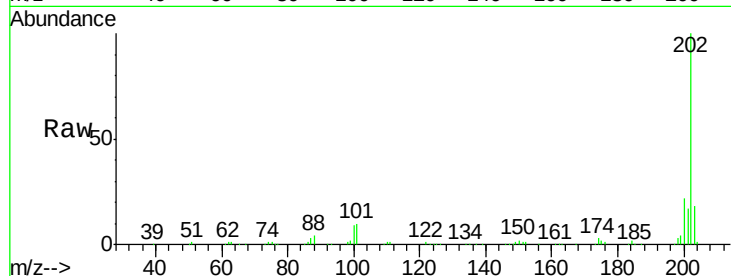
#77
Pvrene
Concen: 44.12 ng
RT: 19.41 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	17.4	26.0
203	17.7	14.1	21.1

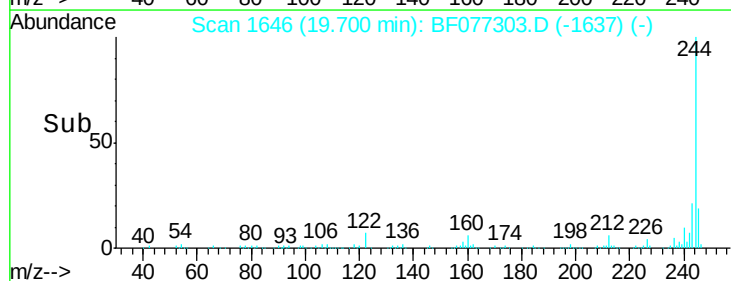
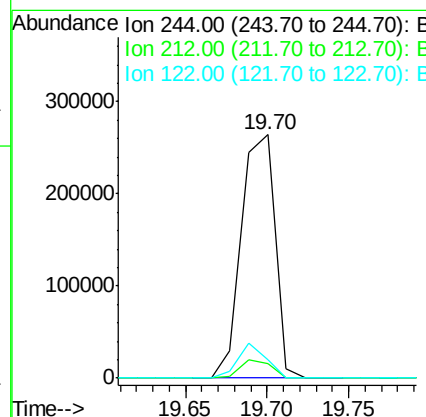
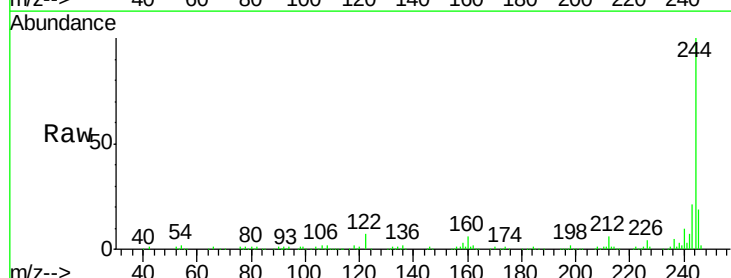
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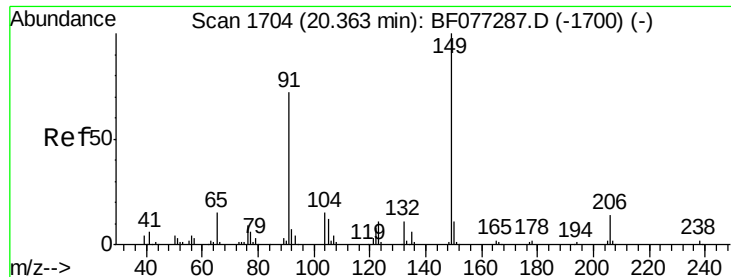
mohammad
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#78
Terphenyl-d14
Concen: 85.39 ng
RT: 19.70 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.1	5.6	8.4
122	7.5	7.0	10.4





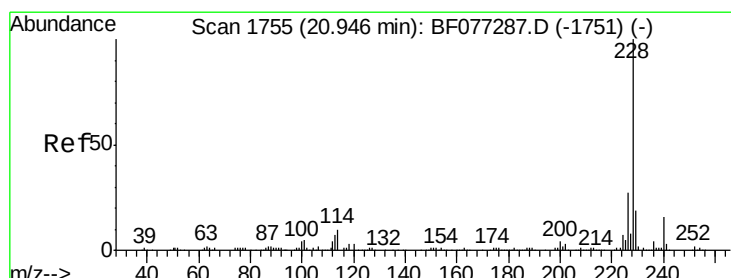
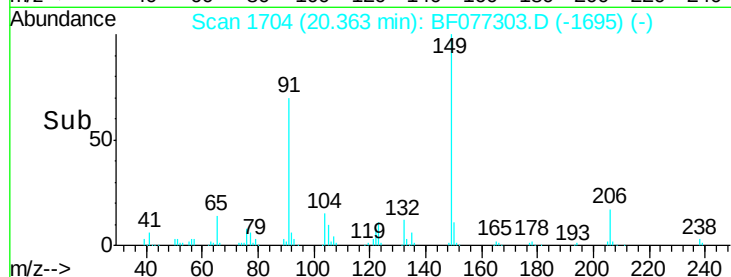
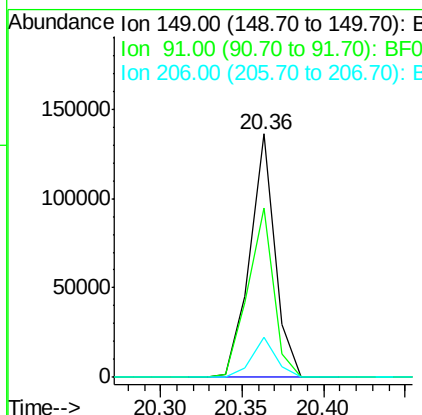
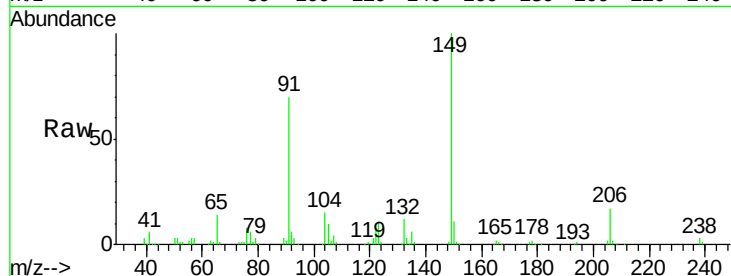
#79
Butylbenzylphthalate
Concen: 43.55 ng
RT: 20.36 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	145999		
91	69.6	57.3	85.9	
206	16.5	11.6	17.4	

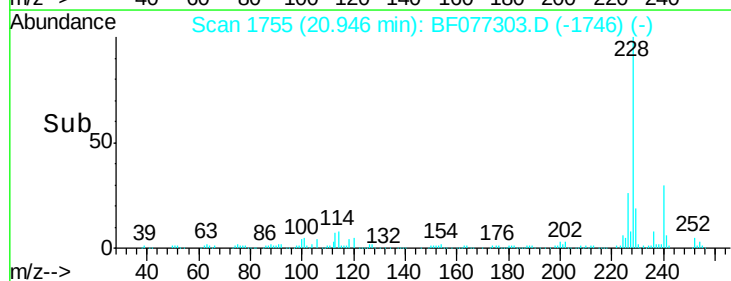
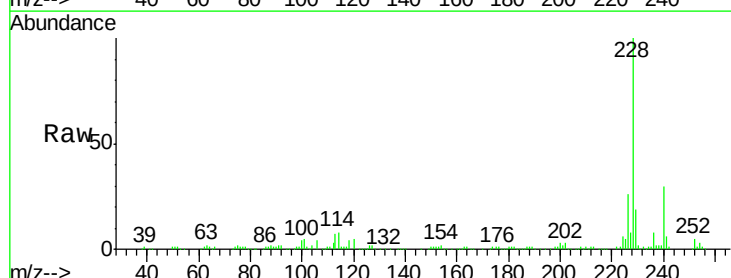
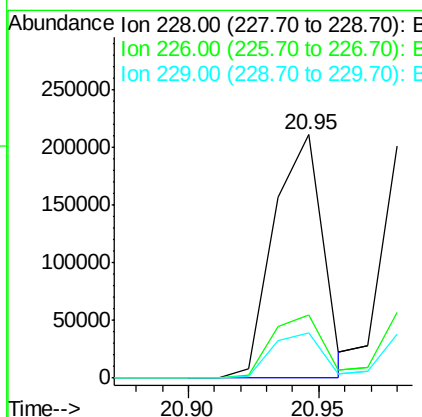
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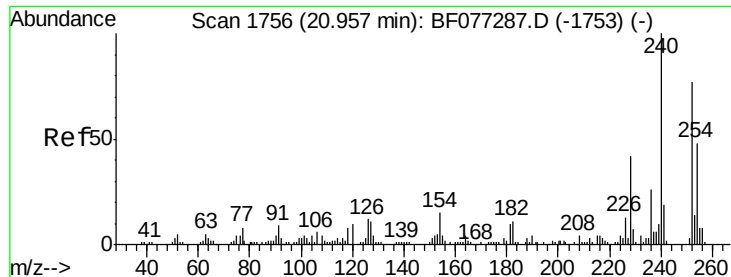
mohammad
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#80
Benzo(a)anthracene
Concen: 44.61 ng
RT: 20.95 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	272585		
226	26.2	21.4	32.2	
229	18.7	15.5	23.3	





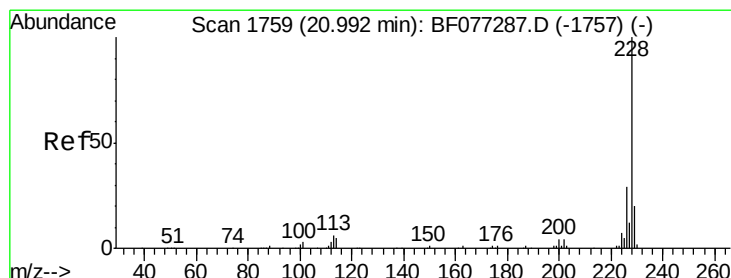
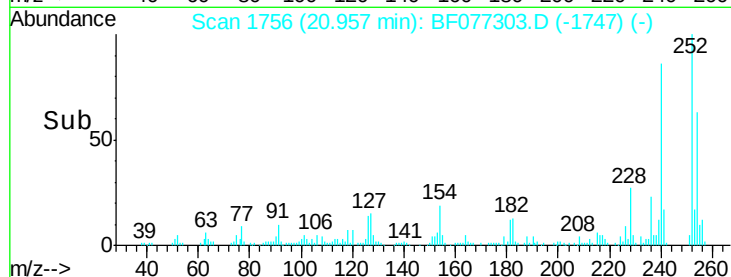
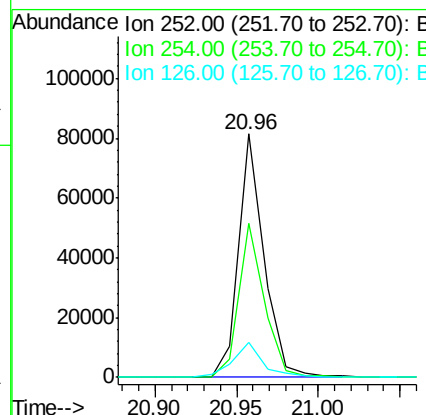
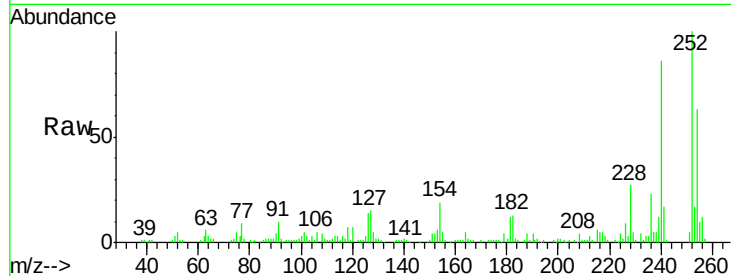
#81
 3,3'-Dichlorobenzidine
 Concen: 40.70 ng
 RT: 20.96 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	49.5	74.3
126	14.3	12.6	19.0

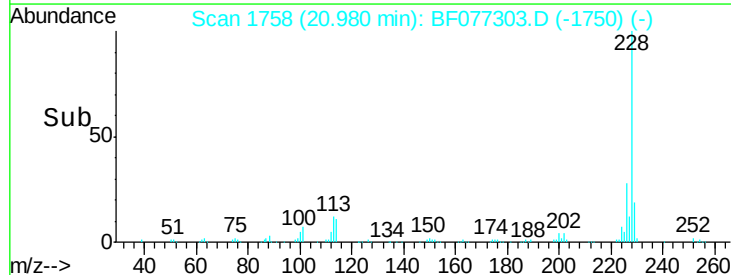
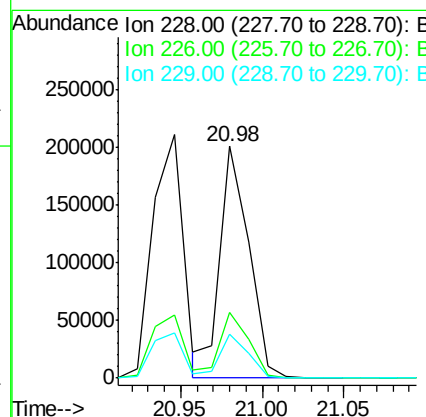
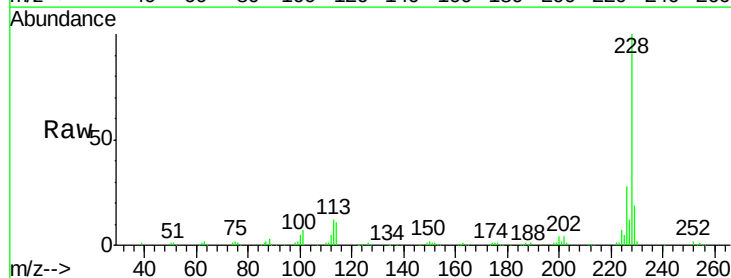
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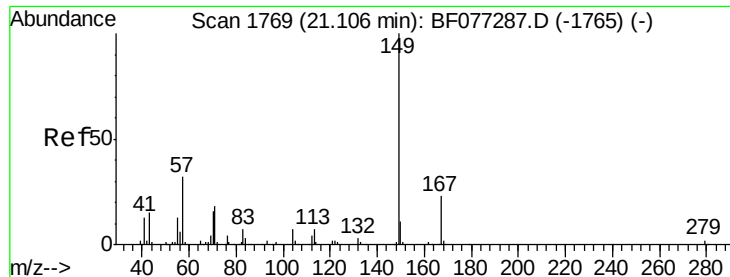
mohammad
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#82
 Chrysene
 Concen: 44.30 ng
 RT: 20.98 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BF077303.D
 Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.3	36.5
229	18.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.29 ng

RT: 21.11 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

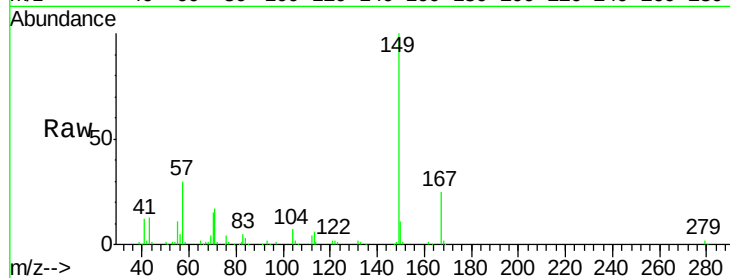
LabSampleId :

SSTDCCC040

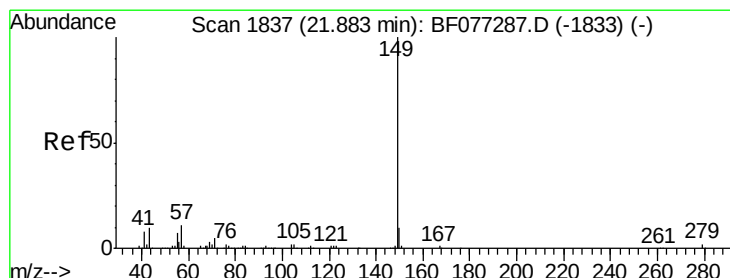
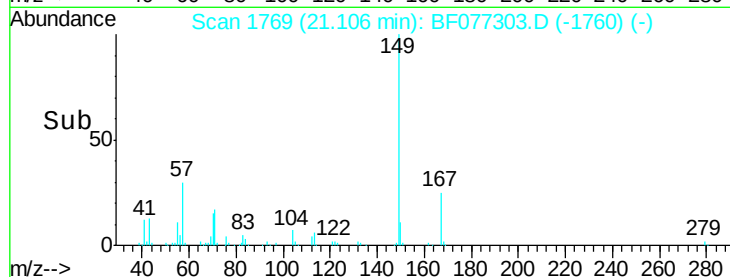
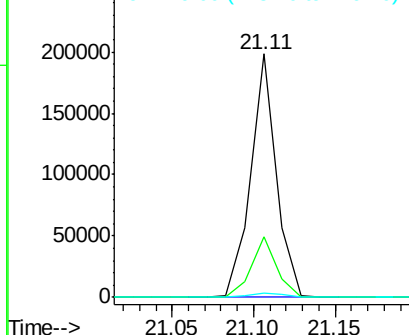
Tot Ion:	149	Resp:	215933
Ion Ratio	Lower	Upper	
149	100		
167	24.7	18.6	28.0
279	1.8	1.5	2.3

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



#84

Di-n-octyl phthalate

Concen: 45.85 ng

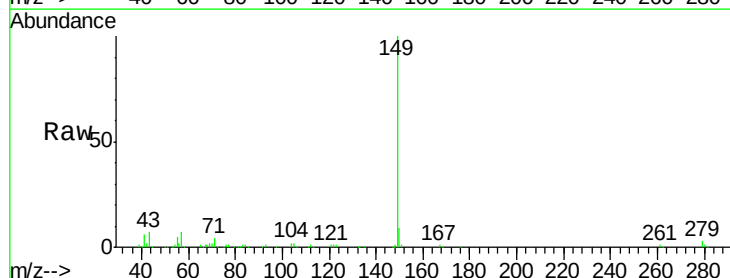
RT: 21.87 min Scan# 1836

Delta R.T. -0.01 min

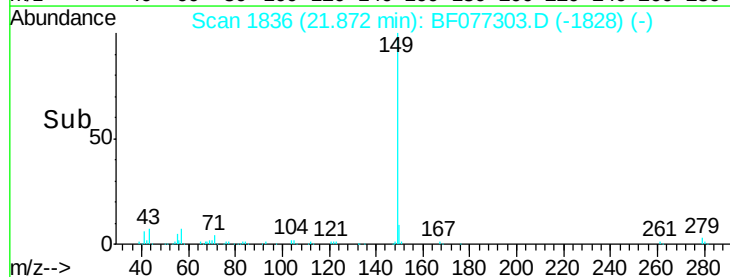
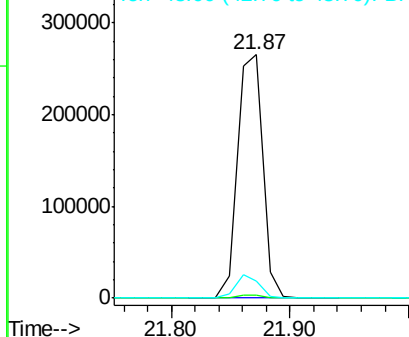
Lab File: BF077303.D

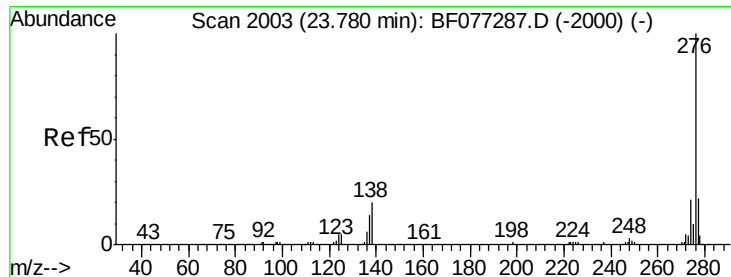
Acq: 13 Feb 2015 2:20

Tgt Ion:	149	Resp:	393313
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.1	1.7
43	8.7	7.3	10.9



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.40 ng/mL

RT: 23.67 min Scan# 1993

Delta R.T. -0.11 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

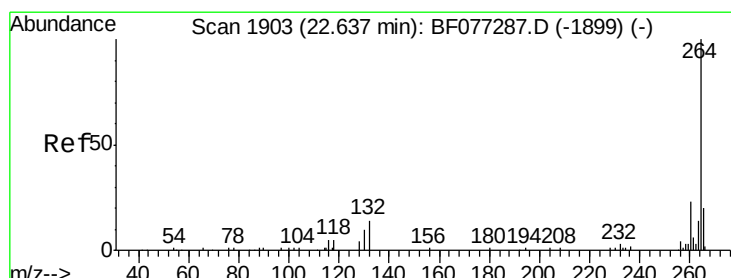
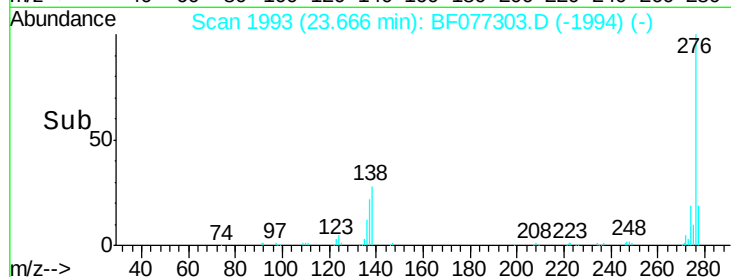
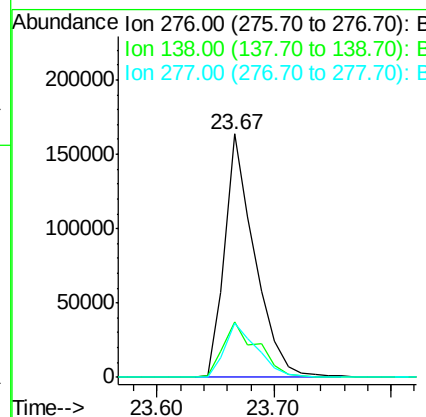
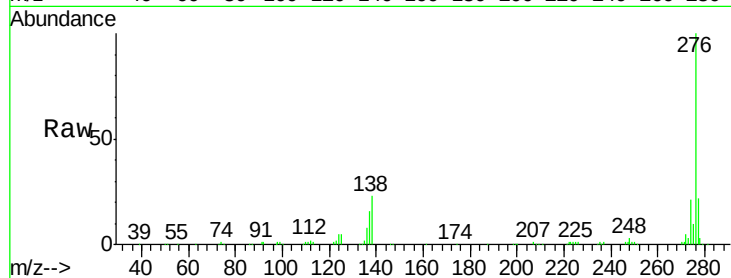
LabSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0

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#86

Perylene-d12

Concen: 20.00 ng/mL

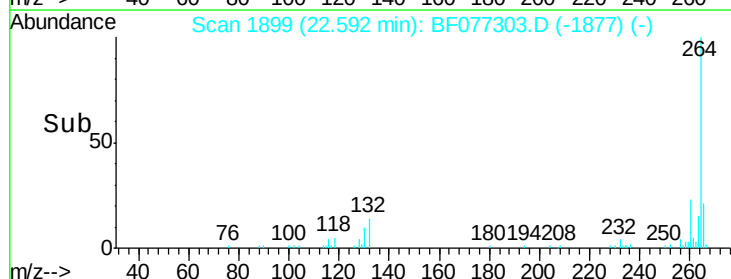
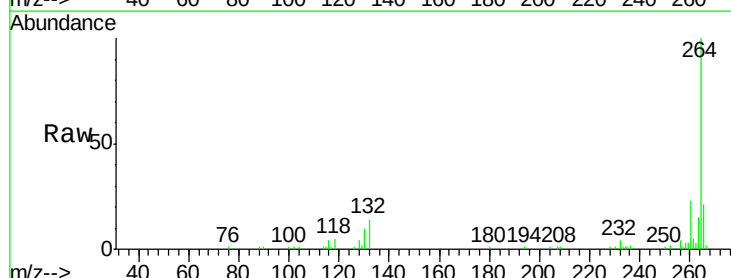
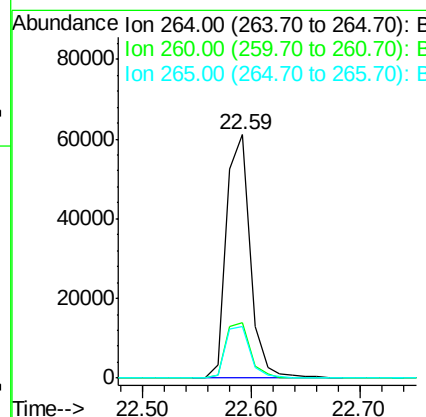
RT: 22.59 min Scan# 1899

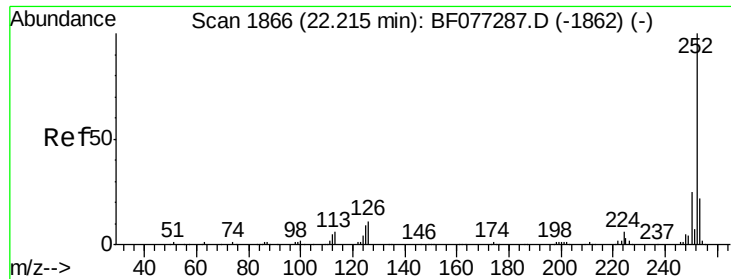
Delta R.T. -0.05 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.3	16.2	24.2





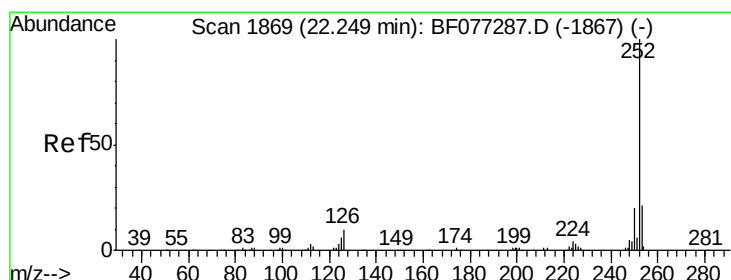
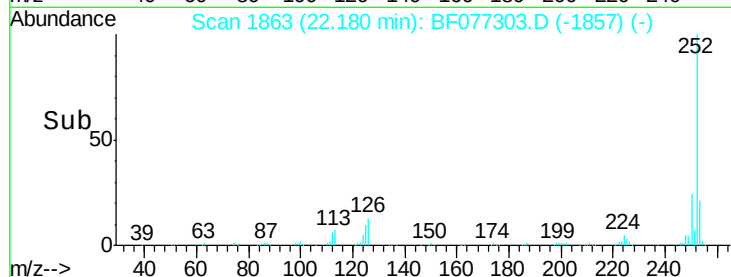
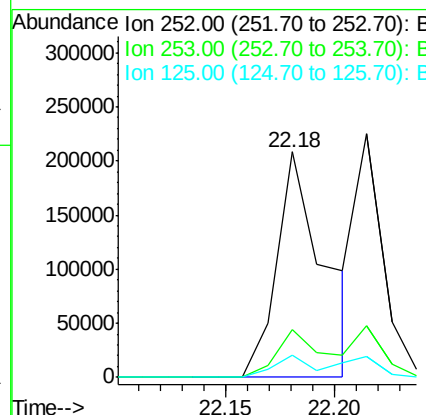
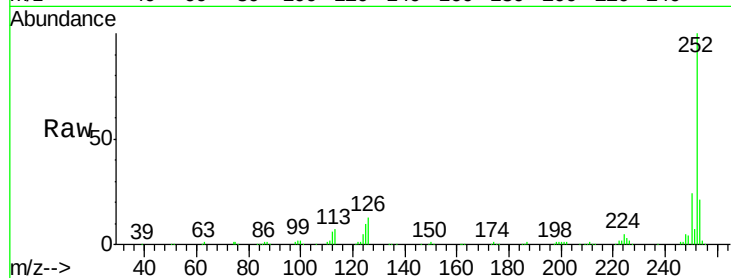
#87
Benzo(b)fluoranthene
Concen: 47.96 ng
RT: 22.18 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	9.9	7.1	10.7

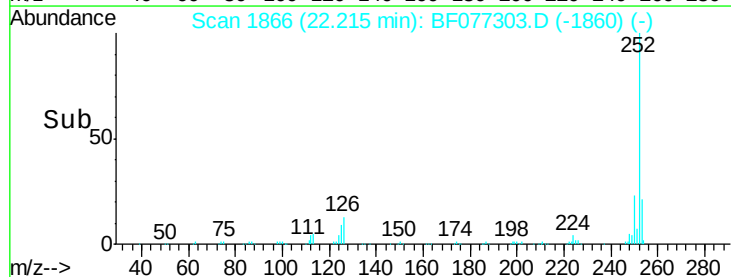
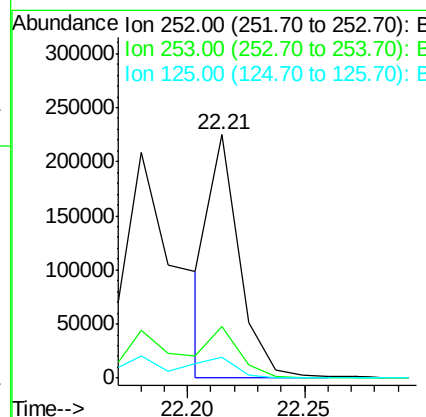
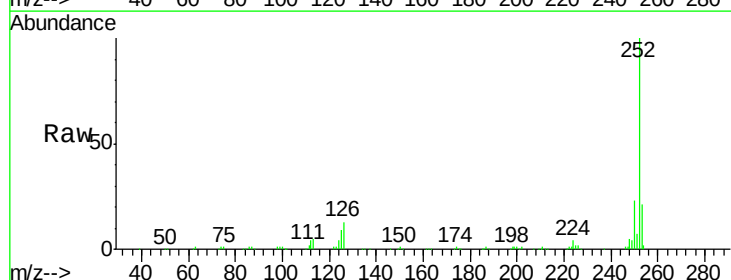
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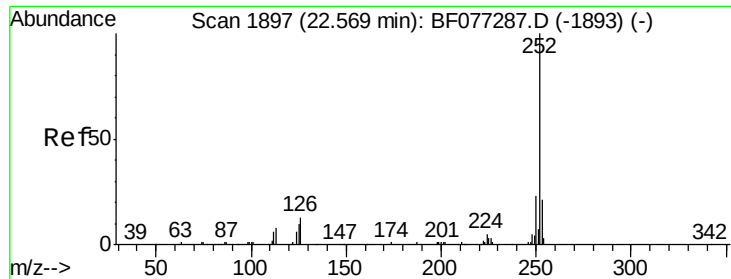
mohammad
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#88
Benzo(k)fluoranthene
Concen: 39.70 ng m
RT: 22.21 min Scan# 1866
Delta R.T. -0.03 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.6	24.8
125	8.7	5.8	8.8





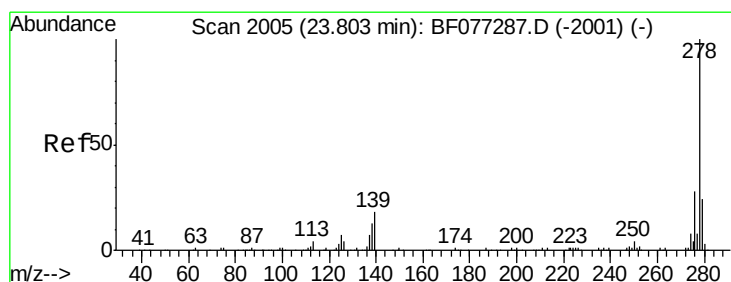
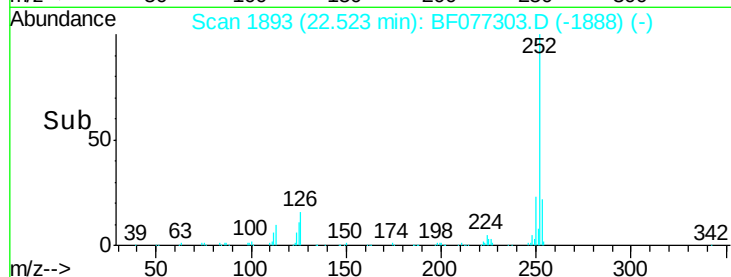
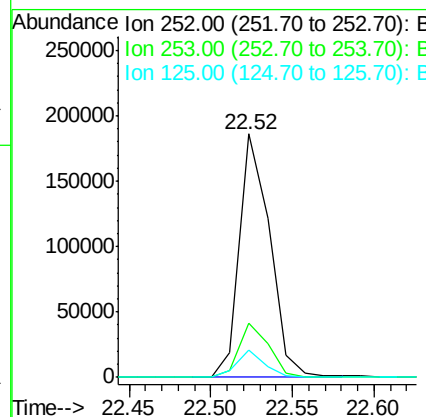
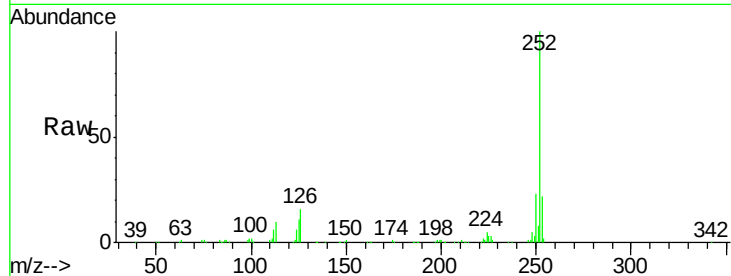
#89
Benzo(a)pyrene
Concen: 43.83 ng
RT: 22.52 min Scan# 1893
Delta R.T. -0.05 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.0	8.2	12.4

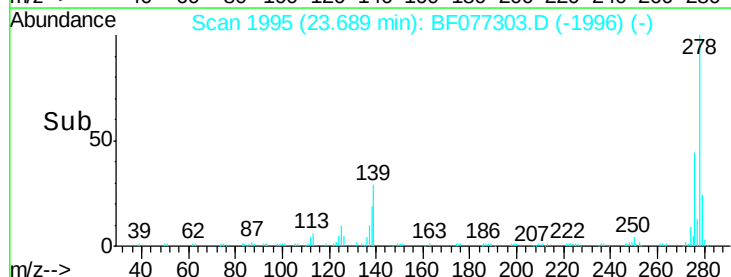
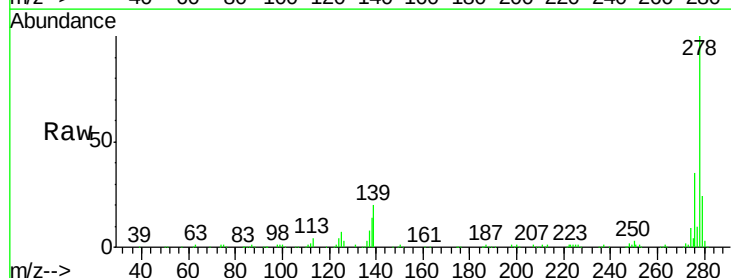
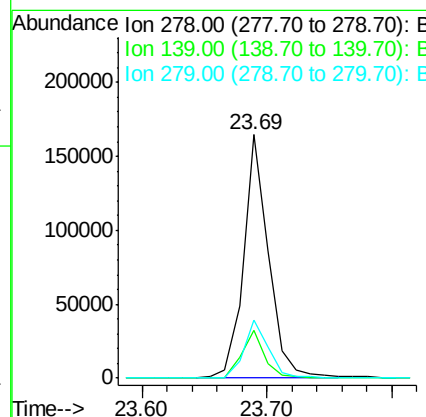
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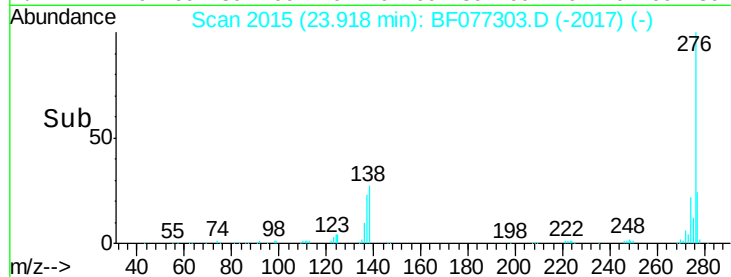
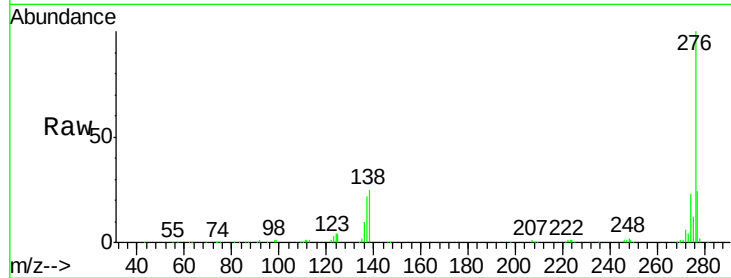
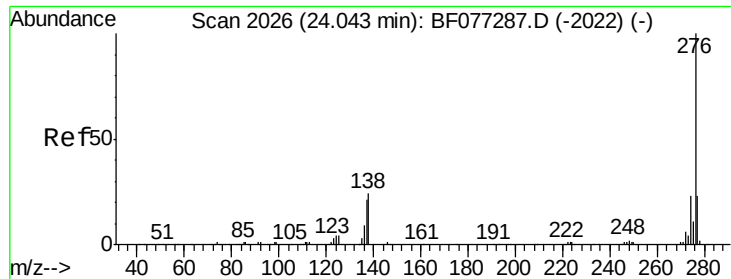
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 47.34 ng m
RT: 23.69 min Scan# 1995
Delta R.T. -0.11 min
Lab File: BF077303.D
Acq: 13 Feb 2015 2:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.2	21.2
279	23.9	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 47.59 ng m

RT: 23.92 min Scan# 2015

Delta R.T. -0.13 min

Lab File: BF077303.D

Acq: 13 Feb 2015 2:20

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	25.4	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/13/2015 5:40:50 PM

